

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071724\
 Data File : VX042355.D
 Acq On : 17 Jul 2024 12:22
 Operator : JC/MD
 Sample : VX0717WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0717WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/18/2024
 Supervised By : Mahesh Dadoda 07/18/2024

Quant Time: Jul 18 00:56:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 23:51:58 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	182224	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	250011	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	240115	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	145314	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	88890	42.303	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	84.600%		
35) Dibromofluoromethane	5.385	113	89367	50.377	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.760%		
50) Toluene-d8	8.647	98	295518	47.419	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.840%		
62) 4-Bromofluorobenzene	11.079	95	123913	53.939	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	107.880%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	26253	18.911	ug/l	97
3) Chloromethane	1.301	50	24164	13.875	ug/l	100
4) Vinyl Chloride	1.374	62	26612	15.243	ug/l	100
5) Bromomethane	1.605	94	15391	17.853	ug/l	96
6) Chloroethane	1.685	64	17506	22.423	ug/l	95
7) Trichlorofluoromethane	1.886	101	47032	20.562	ug/l	98
8) Diethyl Ether	2.136	74	16922	15.761	ug/l	83
9) 1,1,2-Trichlorotrifluo...	2.325	101	31186	19.793	ug/l #	85
10) Methyl Iodide	2.453	142	36761	18.771	ug/l #	85
11) Tert butyl alcohol	2.959	59	34518	86.558	ug/l #	93
12) 1,1-Dichloroethene	2.319	96	29147	18.545	ug/l	81
13) Acrolein	2.239	56	12241	27.383	ug/l	99
14) Allyl chloride	2.660	41	44764	17.959	ug/l #	87
15) Acrylonitrile	3.062	53	88241	84.714	ug/l	97
16) Acetone	2.380	43	80681	87.443	ug/l #	87
17) Carbon Disulfide	2.514	76	58524	18.262	ug/l	100
18) Methyl Acetate	2.703	43	42788	17.000	ug/l	92
19) Methyl tert-butyl Ether	3.111	73	94686	18.235	ug/l	100
20) Methylene Chloride	2.788	84	33243	16.454	ug/l	87
21) trans-1,2-Dichloroethene	3.093	96	29829	18.700	ug/l	83
22) Diisopropyl ether	3.757	45	91954	17.453	ug/l #	93
23) Vinyl Acetate	3.721	43	396246	88.063	ug/l #	93
24) 1,1-Dichloroethane	3.611	63	53254	18.049	ug/l	98
25) 2-Butanone	4.556	43	120076	83.650	ug/l	93
26) 2,2-Dichloropropane	4.471	77	44279	20.723	ug/l	94
27) cis-1,2-Dichloroethene	4.489	96	36844	18.442	ug/l	86
28) Bromochloromethane	4.897	49	20909	16.545	ug/l #	67
29) Tetrahydrofuran	5.007	42	76957	83.012	ug/l	92
30) Chloroform	5.093	83	57425	18.681	ug/l	97
31) Cyclohexane	5.471	56	42792	17.414	ug/l	93
32) 1,1,1-Trichloroethane	5.385	97	50491	19.657	ug/l	95
36) 1,1-Dichloropropene	5.690	75	37993	20.169	ug/l	96
37) Ethyl Acetate	4.715	43	43507	17.730	ug/l	96
38) Carbon Tetrachloride	5.678	117	43679	20.986	ug/l	98
39) Methylcyclohexane	7.379	83	47786	20.058	ug/l	90
40) Benzene	6.031	78	120722	19.001	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	24329	18.290	ug/l	91
42) 1,2-Dichloroethane	6.086	62	39150	19.131	ug/l	90
43) Isopropyl Acetate	6.336	43	67705	17.975	ug/l #	93
44) Trichloroethene	7.123	130	35399	20.786	ug/l	86
45) 1,2-Dichloropropane	7.428	63	30785	19.706	ug/l	99
46) Dibromomethane	7.580	93	22493	19.761	ug/l #	73
47) Bromodichloromethane	7.818	83	42344	20.262	ug/l	94
48) Methyl methacrylate	7.696	41	32145	17.882	ug/l #	82
49) 1,4-Dioxane	7.659	88	14883	326.596	ug/l #	90
51) 4-Methyl-2-Pentanone	8.574	43	230335	88.775	ug/l	94
52) Toluene	8.720	92	80704	19.948	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	42742	20.181	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	47008	20.546	ug/l #	83
55) 1,1,2-Trichloroethane	9.153	97	33454	19.850	ug/l	97
56) Ethyl methacrylate	9.116	69	50236	19.160	ug/l #	86
57) 1,3-Dichloropropane	9.305	76	53258	19.559	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	106093	86.829	ug/l	92
59) 2-Hexanone	9.427	43	178566	89.857	ug/l	91
60) Dibromochloromethane	9.519	129	39106	21.361	ug/l	97
61) 1,2-Dibromoethane	9.610	107	35260	20.173	ug/l	99
64) Tetrachloroethene	9.269	164	35108	20.082	ug/l	91
65) Chlorobenzene	10.079	112	97560	19.536	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	34700	19.847	ug/l	99
67) Ethyl Benzene	10.195	91	151426	19.349	ug/l	95
68) m/p-Xylenes	10.299	106	123818	39.193	ug/l	90
69) o-Xylene	10.640	106	59138	18.908	ug/l	92
70) Styrene	10.653	104	103638	19.760	ug/l	94
71) Bromoform	10.799	173	30964	19.390	ug/l #	100
73) Isopropylbenzene	10.963	105	158721	17.964	ug/l	97
74) N-amyl acetate	10.842	43	59182	15.079	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.213	83	51371	15.636	ug/l	97
76) 1,2,3-Trichloropropane	11.238	75	41206m	15.620	ug/l	
77) Bromobenzene	11.195	156	46539	17.685	ug/l	76
78) n-propylbenzene	11.305	91	175897	18.348	ug/l	94
79) 2-Chlorotoluene	11.360	91	107985	17.482	ug/l	91
80) 1,3,5-Trimethylbenzene	11.451	105	132462	17.999	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	14278	15.371	ug/l	90
82) 4-Chlorotoluene	11.451	91	124829	18.282	ug/l	92
83) tert-Butylbenzene	11.713	119	140492	17.398	ug/l	90
84) 1,2,4-Trimethylbenzene	11.750	105	133879	18.132	ug/l	92
85) sec-Butylbenzene	11.890	105	170744	18.694	ug/l	95
86) p-Isopropyltoluene	12.006	119	151610	19.002	ug/l	94
87) 1,3-Dichlorobenzene	11.969	146	85152	18.410	ug/l	94
88) 1,4-Dichlorobenzene	12.043	146	87365	18.409	ug/l	95
89) n-Butylbenzene	12.335	91	122227	19.901	ug/l	97
90) Hexachloroethane	12.536	117	23812	17.530	ug/l #	57
91) 1,2-Dichlorobenzene	12.335	146	83309	17.602	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	10663	16.378	ug/l #	47
93) 1,2,4-Trichlorobenzene	13.585	180	62592	20.188	ug/l	96
94) Hexachlorobutadiene	13.725	225	30507	19.458	ug/l	99
95) Naphthalene	13.774	128	170961	16.912	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	63023	19.273	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

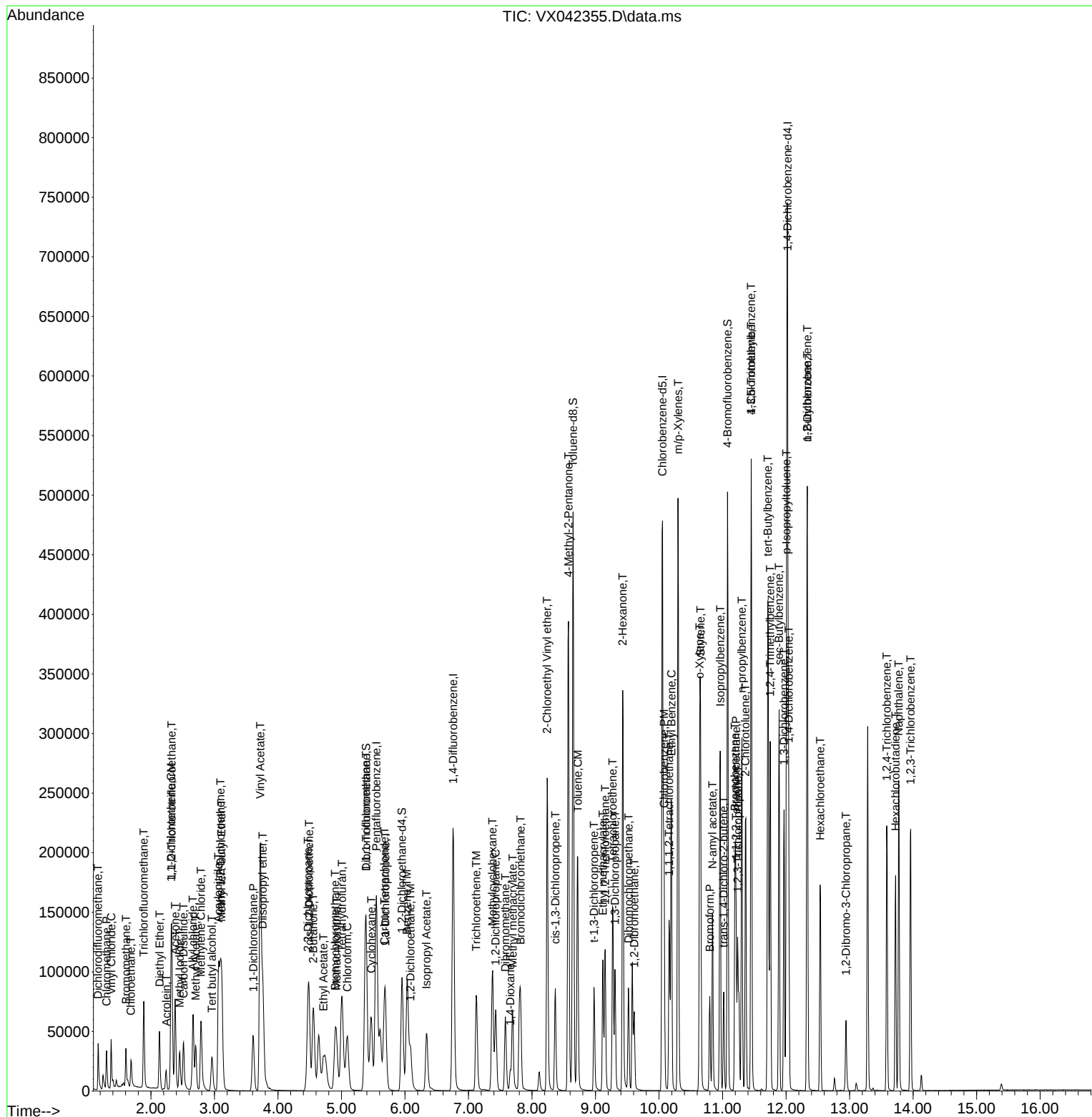
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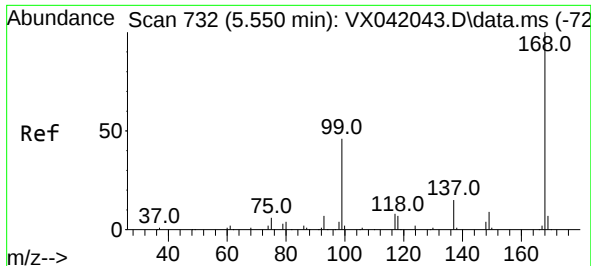
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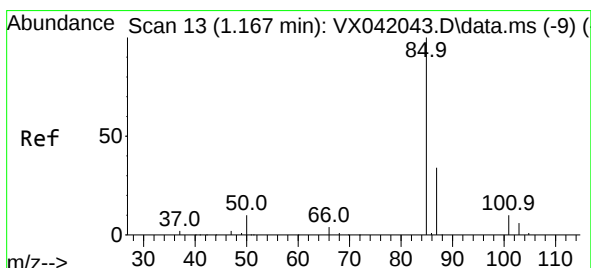
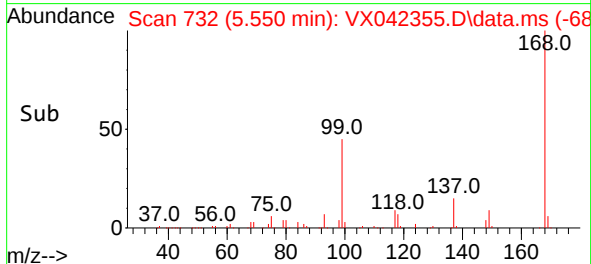
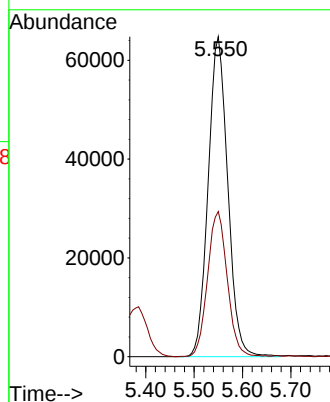
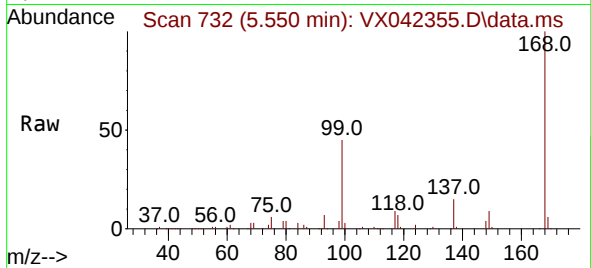
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX042355.D
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MSVOA_X
ClientSampleId :
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Tgt Ion:168 Resp: 182224
Ion Ratio Lower Upper
168 100
99 45.2 56.6 85.0

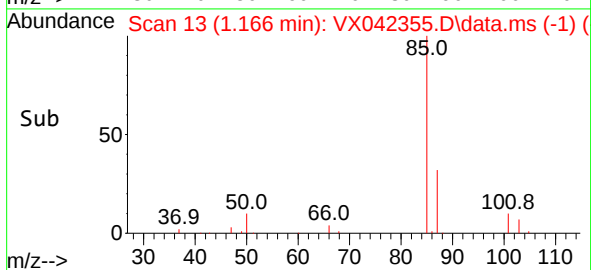
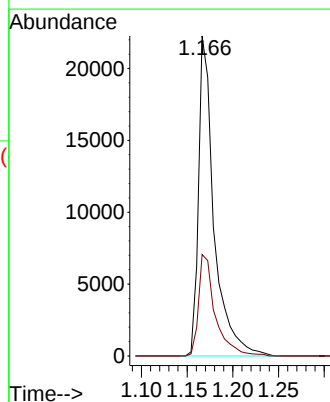
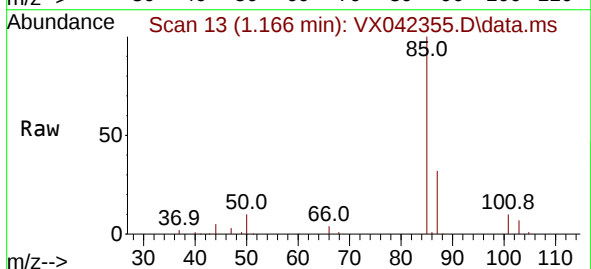
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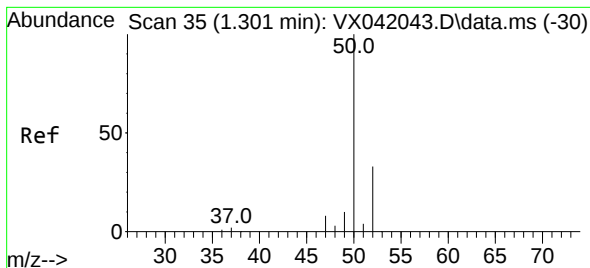
Reviewed By :John Carlone 07/18/2024
Supervised By :Mahesh Dadoda 07/18/2024



#2
Dichlorodifluoromethane
Concen: 18.911 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX042355.D
Acq: 17 Jul 2024 12:22

Tgt Ion: 85 Resp: 26253
Ion Ratio Lower Upper
85 100
87 31.7 16.7 50.1





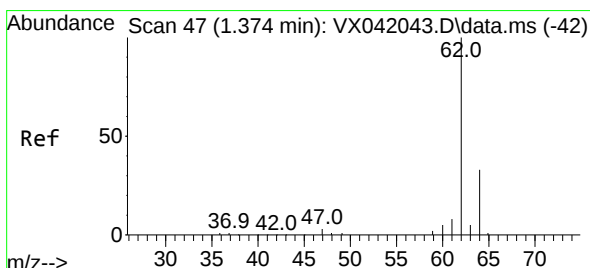
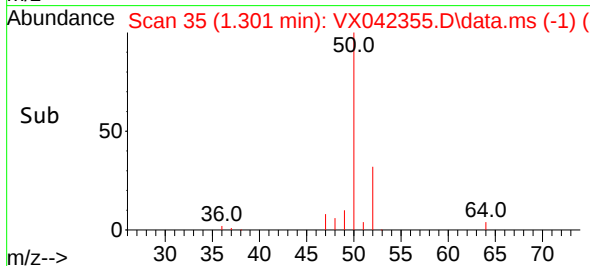
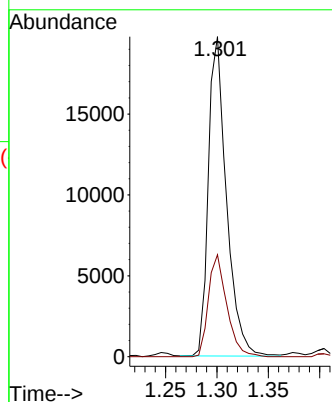
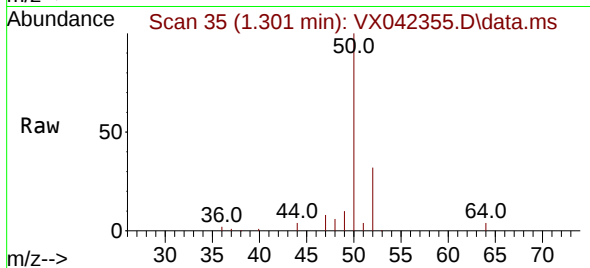
#3
Chloromethane
Concen: 13.875 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.006 min
Lab File: VX042355.D
Acq: 17 Jul 2024 12:22

Instrument :
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Tgt Ion: 50 Resp: 24164
Ion Ratio Lower Upper
50 100
52 32.0 25.5 38.3

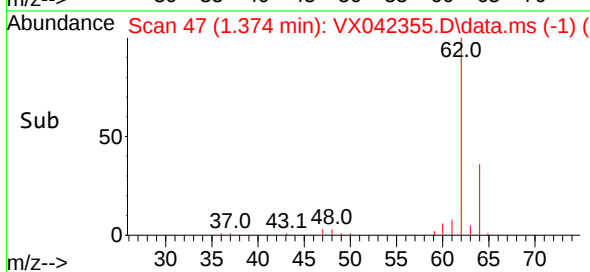
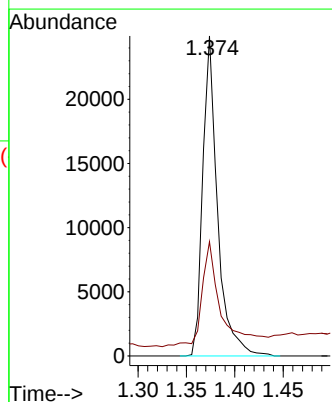
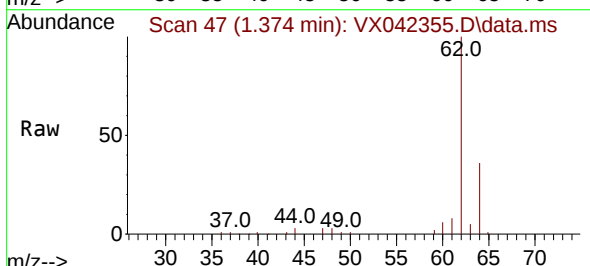
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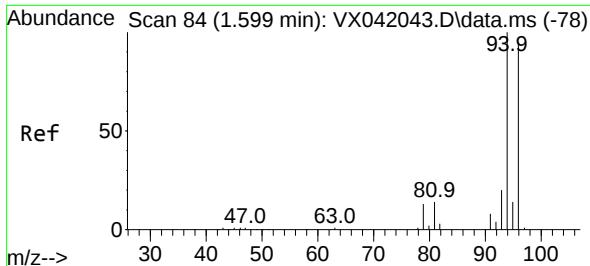
Reviewed By :John Carlone 07/18/2024
Supervised By :Mahesh Dadoda 07/18/2024



#4
Vinyl Chloride
Concen: 15.243 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX042355.D
Acq: 17 Jul 2024 12:22

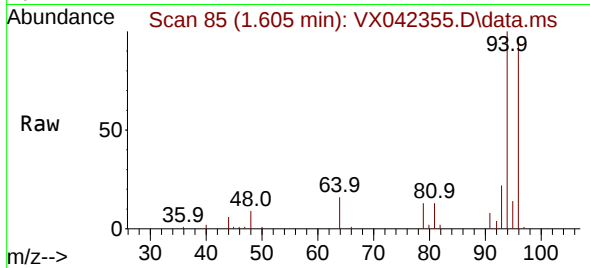
Tgt Ion: 62 Resp: 26612
Ion Ratio Lower Upper
62 100
64 31.6 25.4 38.0





#5
Bromomethane
Concen: 17.853 ug/l
RT: 1.605 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX042355.D
Acq: 17 Jul 2024 12:22

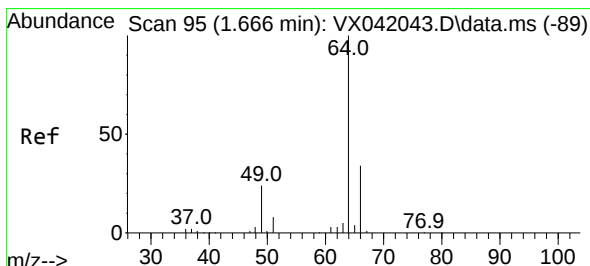
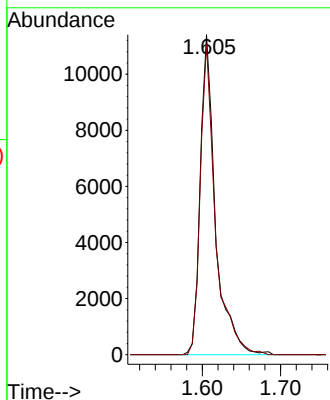
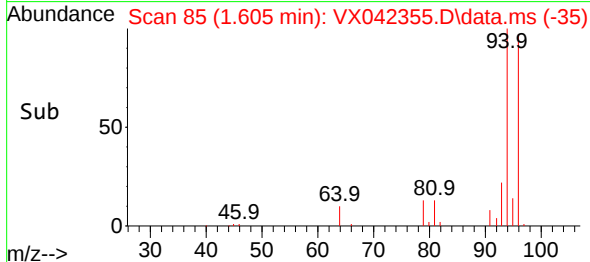
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Tgt Ion: 94 Resp: 1539
Ion Ratio Lower Upper
94 100
96 97.1 74.6 111.8

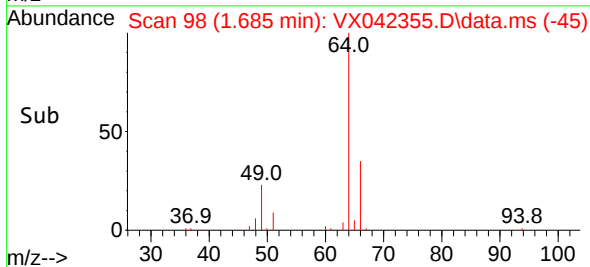
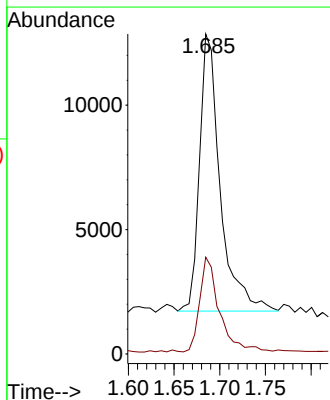
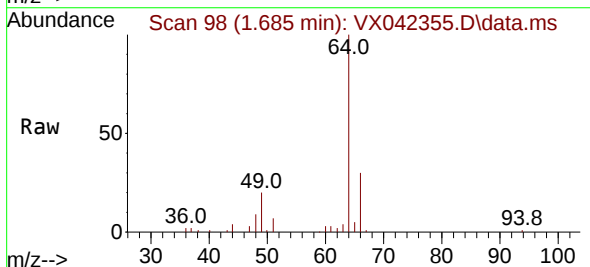
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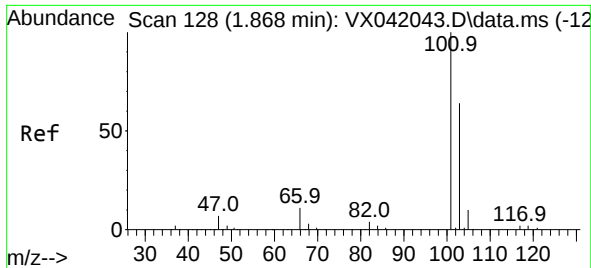
Reviewed By :John Carlone 07/18/2024
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#6
Chloroethane
Concen: 22.423 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.025 min
Lab File: VX042355.D
Acq: 17 Jul 2024 12:22

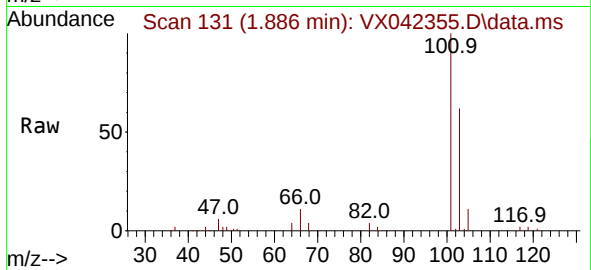
Tgt Ion: 64 Resp: 17506
Ion Ratio Lower Upper
64 100
66 34.0 25.1 37.7





#7
 Trichlorofluoromethane
 Concen: 20.562 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. 0.018 min
 Lab File: VX042355.D
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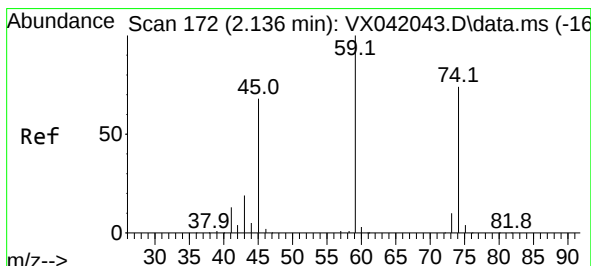
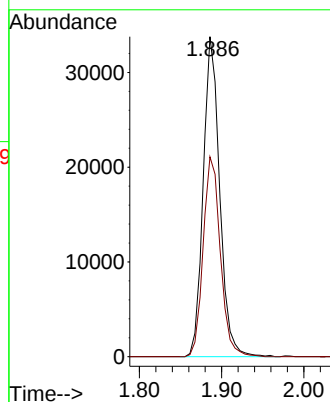
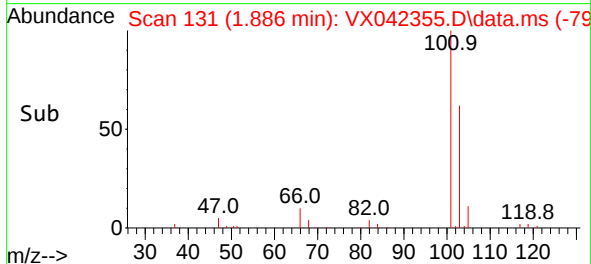
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Tgt Ion:101 Resp: 4703
 Ion Ratio Lower Upper
 101 100
 103 62.4 51.4 77.2

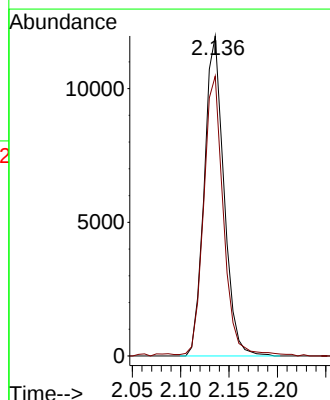
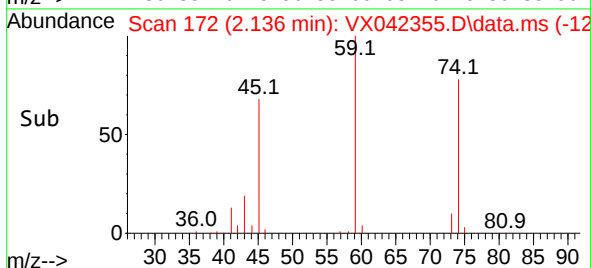
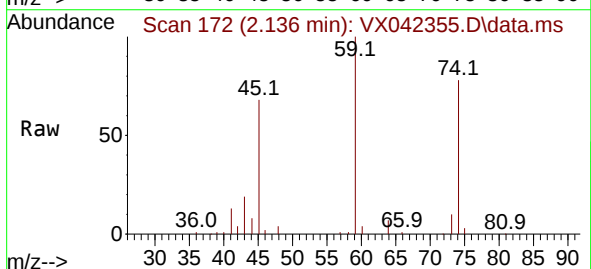
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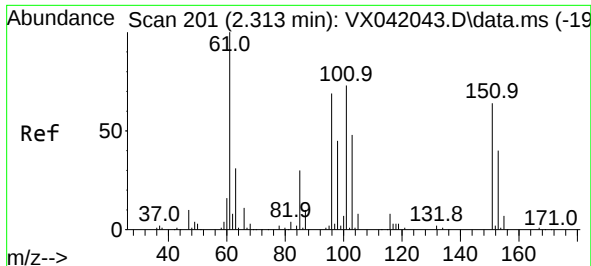
Reviewed By :John Carlone 07/18/2024
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#8
 Diethyl Ether
 Concen: 15.761 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.000 min
 Lab File: VX042355.D
 Acq: 17 Jul 2024 12:22

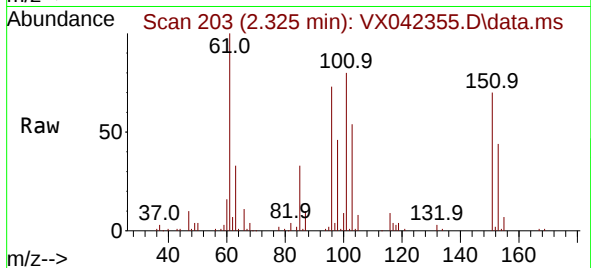
Tgt Ion: 74 Resp: 16922
 Ion Ratio Lower Upper
 74 100
 45 88.5 53.3 159.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.793 ug/l
RT: 2.325 min Scan# 201
Delta R.T. 0.012 min
Lab File: VX042355.D
Acq: 17 Jul 2024 12:22

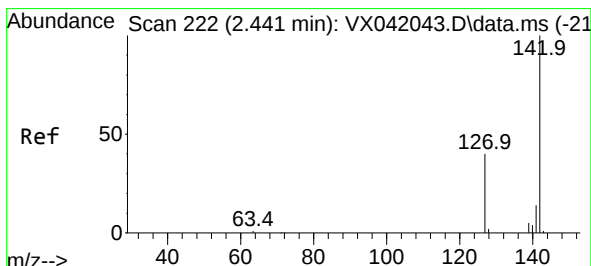
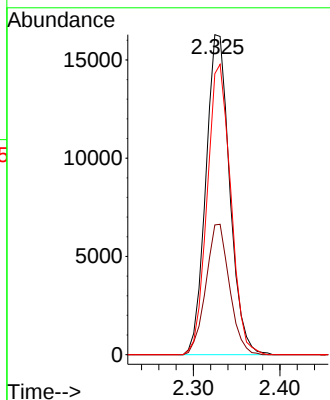
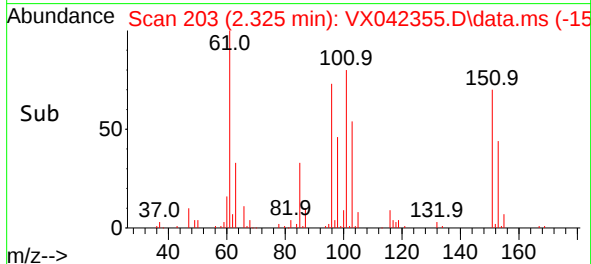
Instrument :
MSVOA_X
ClientSampleId :
VX0717WBS01



Tgt Ion:101 Resp: 31180
Ion Ratio Lower Upper
101 100
85 40.2 37.0 55.6
151 89.5 58.6 87.8

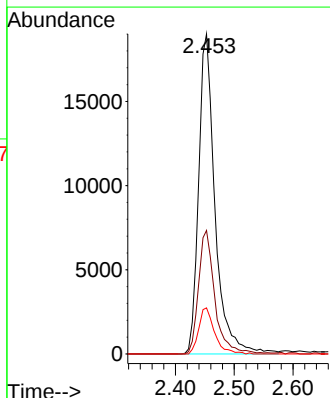
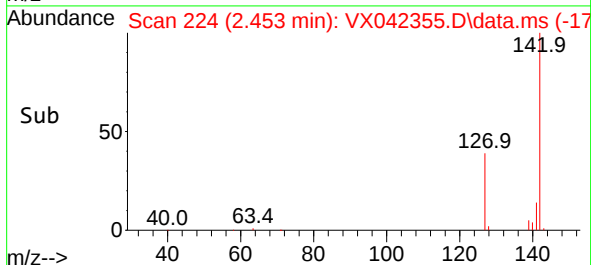
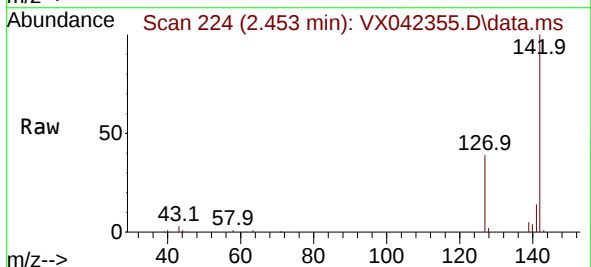
Manual Integrations
APPROVED

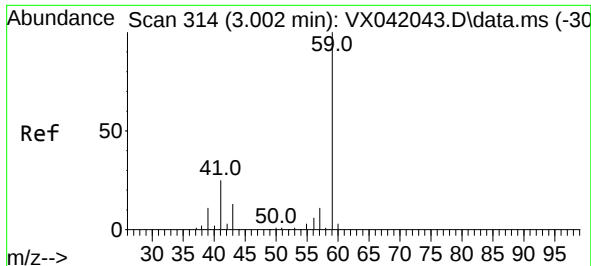
Reviewed By :John Carlone 07/18/2024
Supervised By :Mahesh Dadoda 07/18/2024



#10
Methyl Iodide
Concen: 18.771 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.012 min
Lab File: VX042355.D
Acq: 17 Jul 2024 12:22

Tgt Ion:142 Resp: 36761
Ion Ratio Lower Upper
142 100
127 38.6 41.6 62.4#
141 14.0 11.6 17.4





#11

Tert butyl alcohol

Concen: 86.558 ug/l

RT: 2.959 min Scan# 30

Delta R.T. -0.049 min

Lab File: VX042355.D

Acq: 17 Jul 2024 12:22

Instrument :

MSVOA_X

ClientSampleId :

VX0717WBS01

Tgt Ion: 59 Resp: 34518

Ion Ratio Lower Upper

59 100

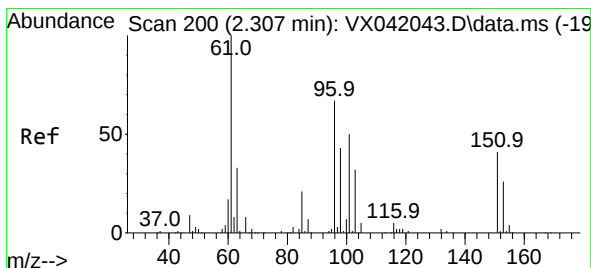
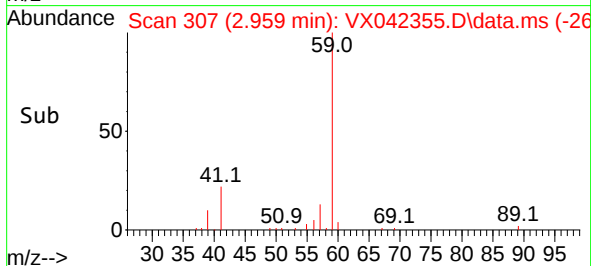
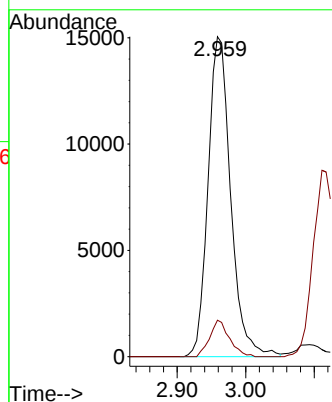
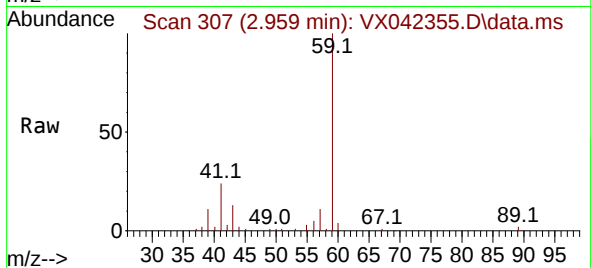
57 9.9 6.0 9.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2024

Supervised By :Mahesh Dadoda 07/18/2024



#12

1,1-Dichloroethene

Concen: 18.545 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.012 min

Lab File: VX042355.D

Acq: 17 Jul 2024 12:22

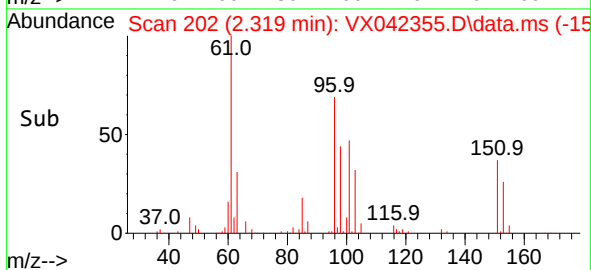
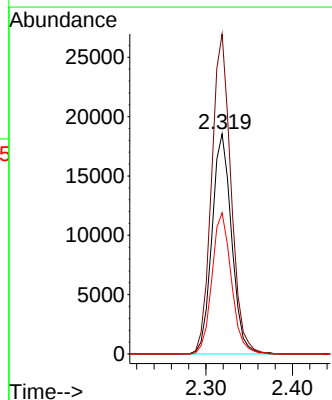
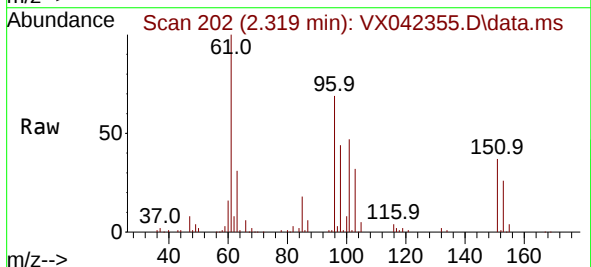
Tgt Ion: 96 Resp: 29147

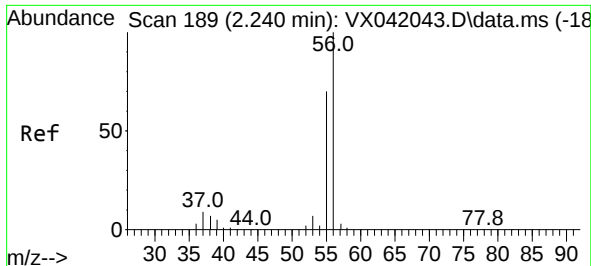
Ion Ratio Lower Upper

96 100

61 145.3 144.6 216.8

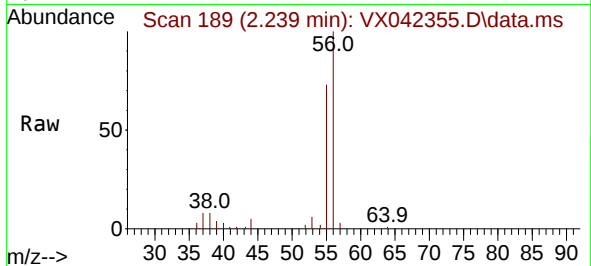
98 64.1 50.4 75.6





#13
Acrolein
Concen: 27.383 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX042355.D
Acq: 17 Jul 2024 12:22

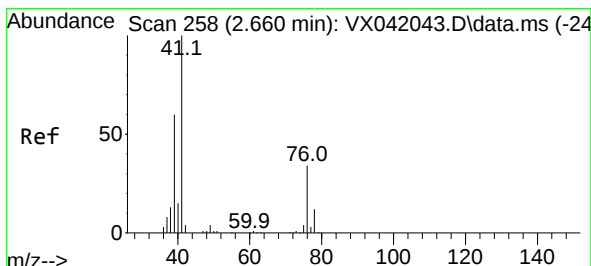
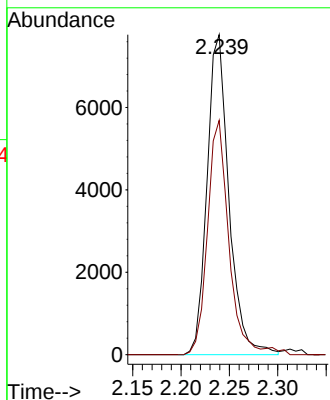
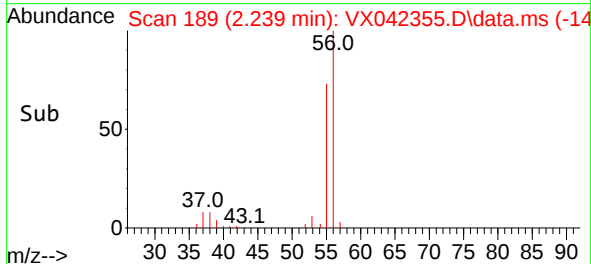
Instrument :
MSVOA_X
ClientSampleId :
VX0717WBS01



Tgt Ion: 56 Resp: 1224
Ion Ratio Lower Upper
56 100
55 71.9 57.1 85.7

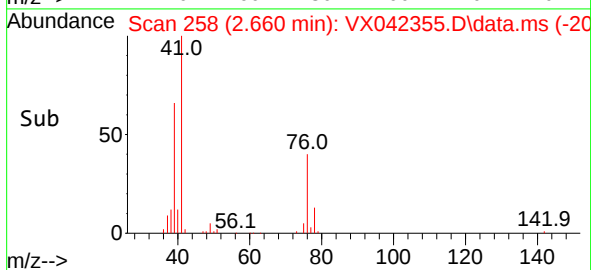
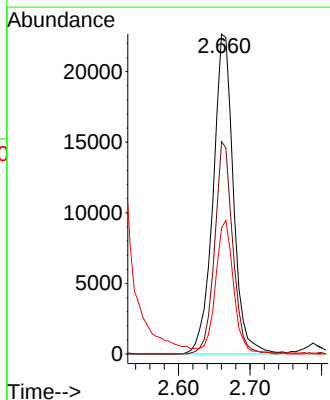
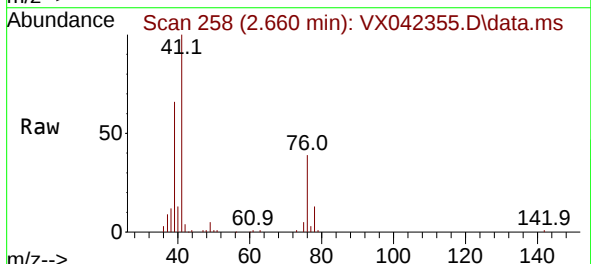
Manual Integrations
APPROVED

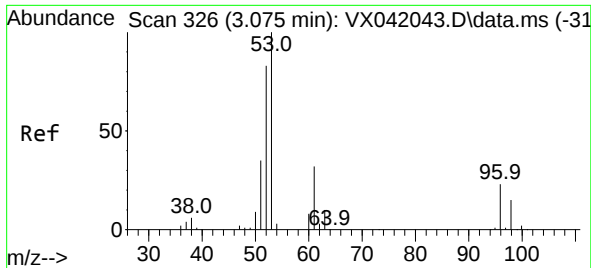
Reviewed By :John Carlone 07/18/2024
Supervised By :Mahesh Dadoda 07/18/2024



#14
Allyl chloride
Concen: 17.959 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.000 min
Lab File: VX042355.D
Acq: 17 Jul 2024 12:22

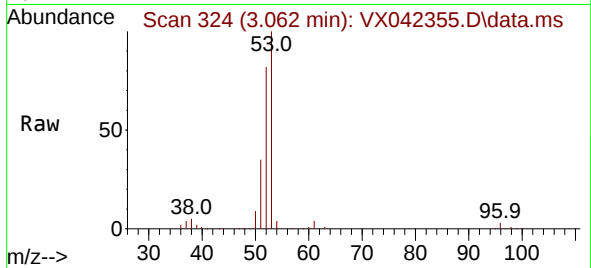
Tgt Ion: 41 Resp: 44764
Ion Ratio Lower Upper
41 100
39 59.2 55.8 83.6
76 36.9 24.3 36.5





#15
Acrylonitrile
Concen: 84.714 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.012 min
Lab File: VX042355.D
Acq: 17 Jul 2024 12:22

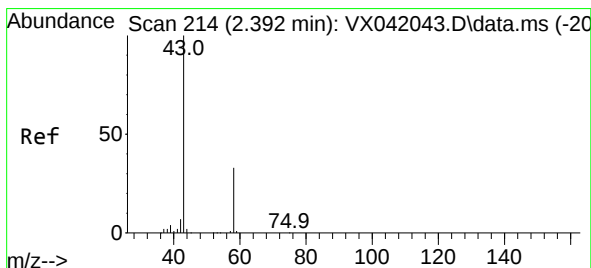
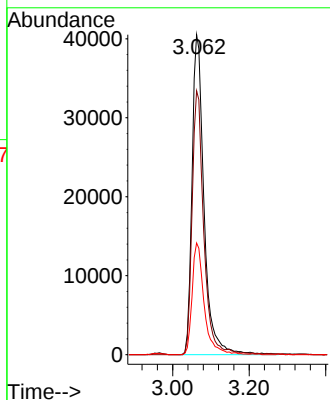
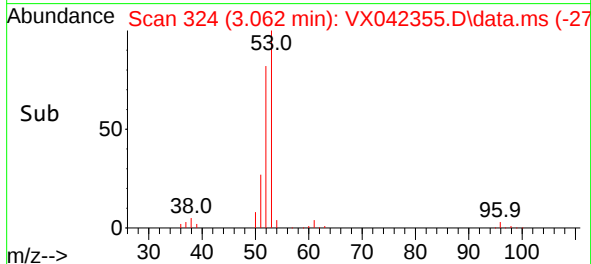
Instrument :
MSVOA_X
ClientSampleId :
VX0717WBS01



Tgt Ion: 53 Resp: 8824
Ion Ratio Lower Upper
53 100
52 80.1 66.0 99.0
51 35.2 29.8 44.6

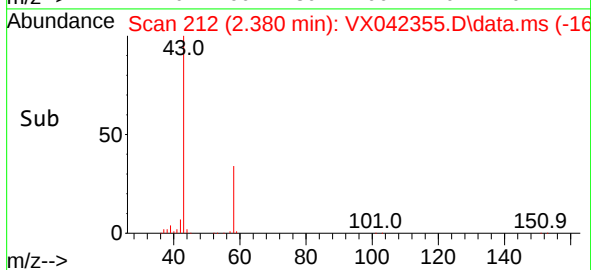
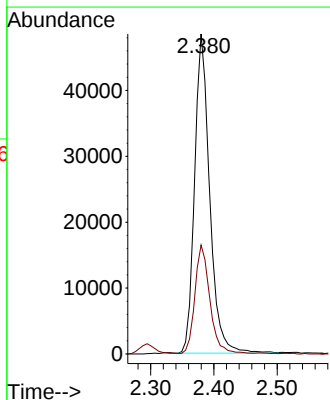
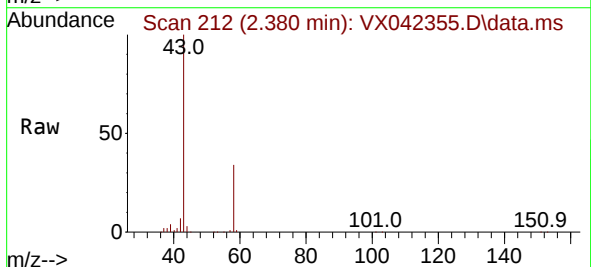
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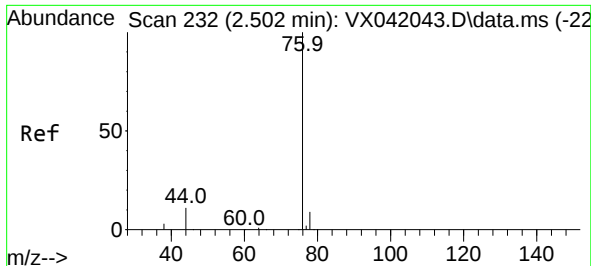
Reviewed By :John Carlone 07/18/2024
Supervised By :Mahesh Dadoda 07/18/2024



#16
Acetone
Concen: 87.443 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.018 min
Lab File: VX042355.D
Acq: 17 Jul 2024 12:22

Tgt Ion: 43 Resp: 80681
Ion Ratio Lower Upper
43 100
58 34.0 21.9 32.9





#17

Carbon Disulfide

Concen: 18.262 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.012 min

Lab File: VX042355.D

Acq: 17 Jul 2024 12:22

Instrument :

MSVOA_X

ClientSampleId :

VX0717WBS01

Tgt Ion: 76 Resp: 58524

Ion Ratio Lower Upper

76 100

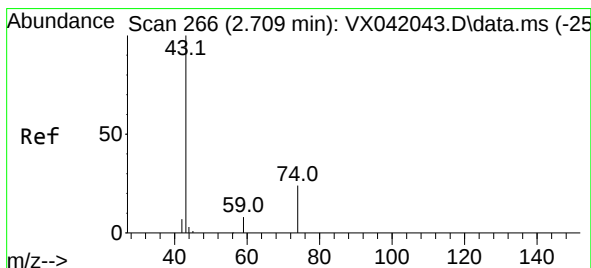
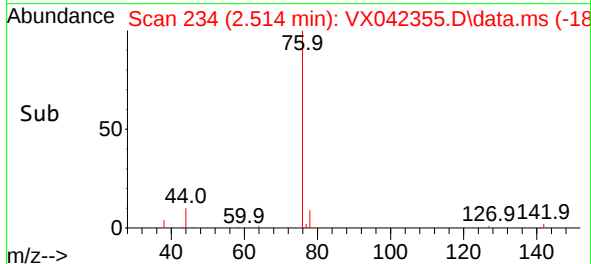
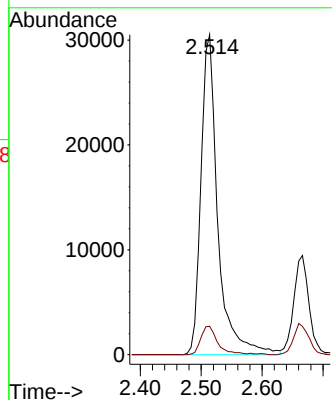
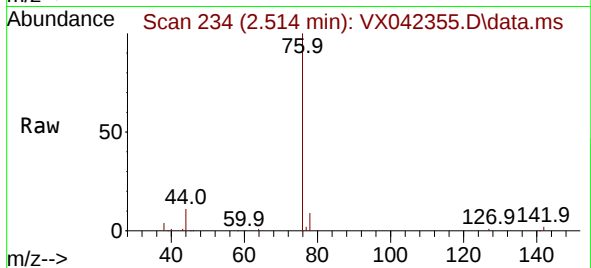
78 8.9 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2024

Supervised By :Mahesh Dadoda 07/18/2024



#18

Methyl Acetate

Concen: 17.000 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.006 min

Lab File: VX042355.D

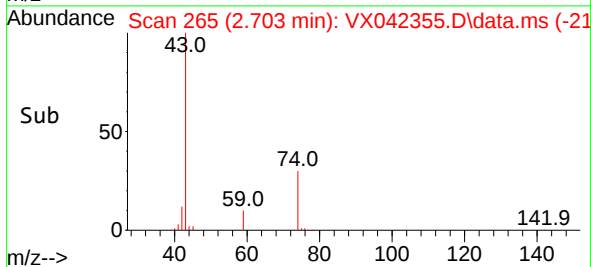
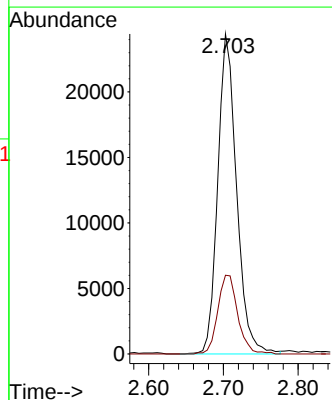
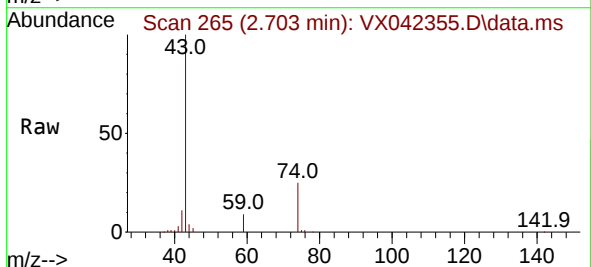
Acq: 17 Jul 2024 12:22

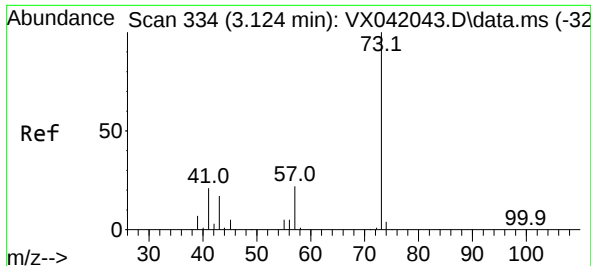
Tgt Ion: 43 Resp: 42788

Ion Ratio Lower Upper

43 100

74 26.0 17.8 26.8





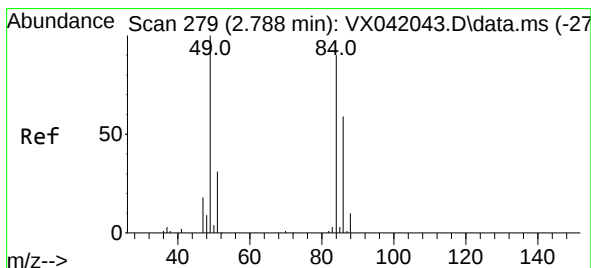
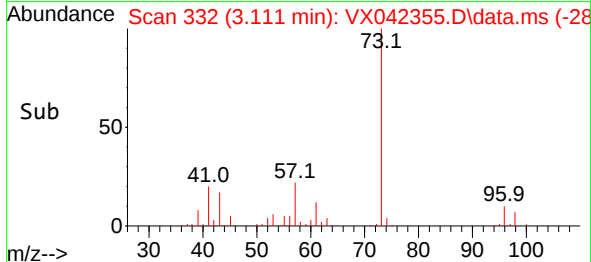
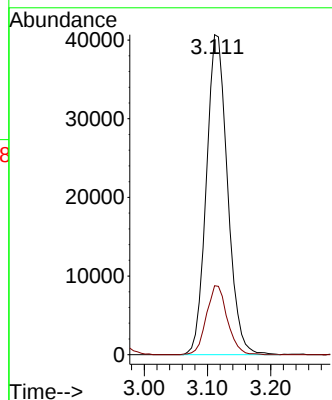
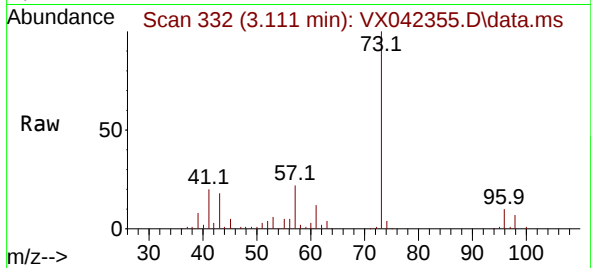
#19
Methyl tert-butyl Ether
Concen: 18.235 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.012 min
Lab File: VX042355.D
Acq: 17 Jul 2024 12:22

Instrument :
MSVOA_X
ClientSampleId :
VX0717WBS01

Tgt Ion: 73 Resp: 94680
Ion Ratio Lower Upper
73 100
57 21.5 17.3 25.9

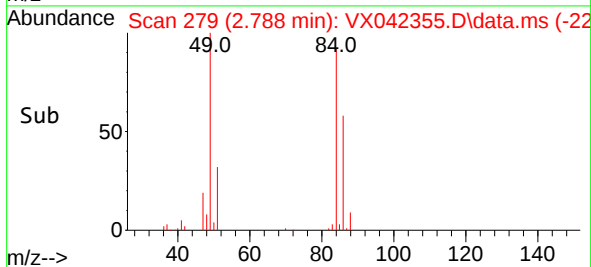
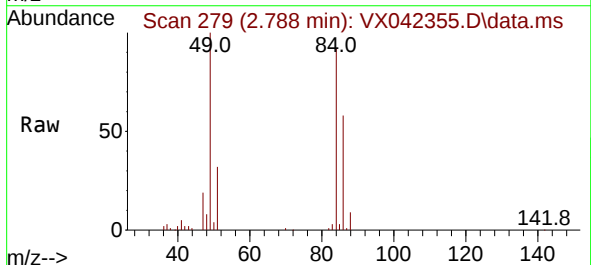
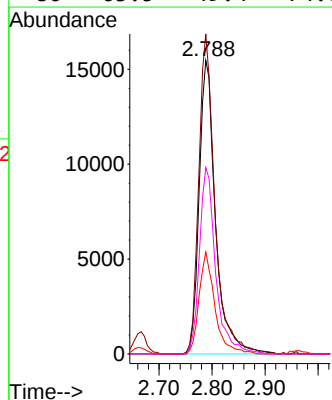
Manual Integrations
APPROVED

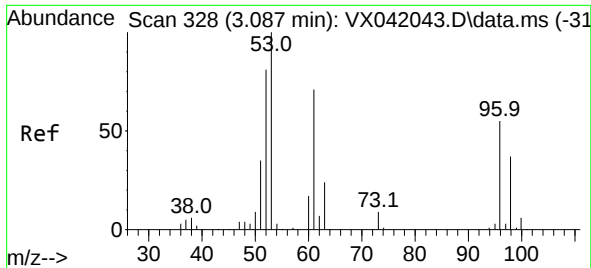
Reviewed By :John Carlone 07/18/2024
Supervised By :Mahesh Dadoda 07/18/2024



#20
Methylene Chloride
Concen: 16.454 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX042355.D
Acq: 17 Jul 2024 12:22

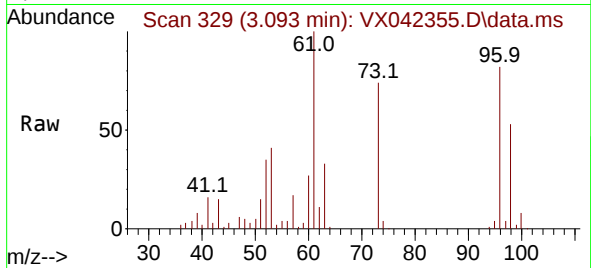
Tgt Ion: 84 Resp: 33243
Ion Ratio Lower Upper
84 100
49 109.0 103.6 155.4
51 34.7 33.8 50.6
86 63.5 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 18.700 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX042355.D
Acq: 17 Jul 2024 12:22

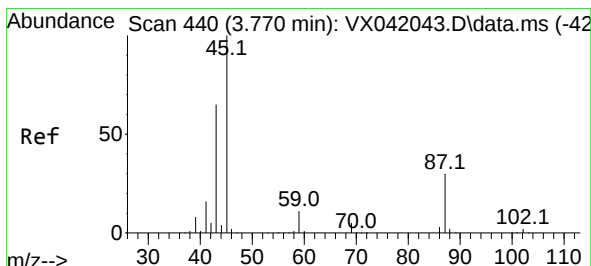
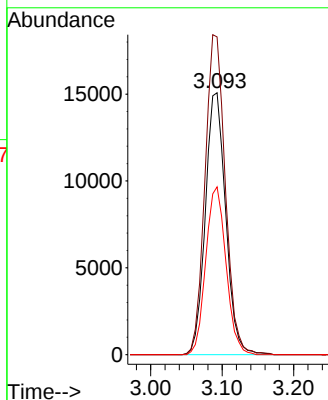
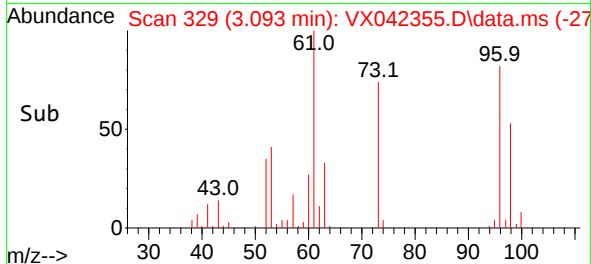
Instrument :
MSVOA_X
ClientSampleId :
VX0717WBS01



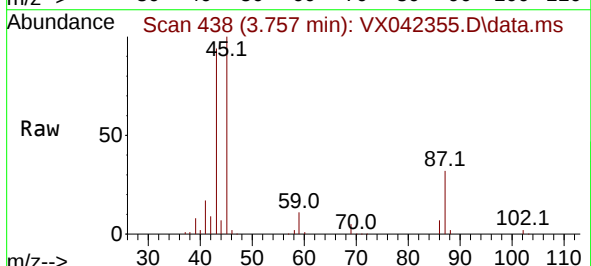
Tgt Ion: 96 Resp: 29829
Ion Ratio Lower Upper
96 100
61 121.3 119.2 178.8
98 64.1 48.7 73.1

Manual Integrations
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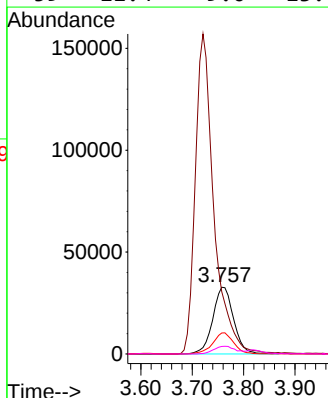
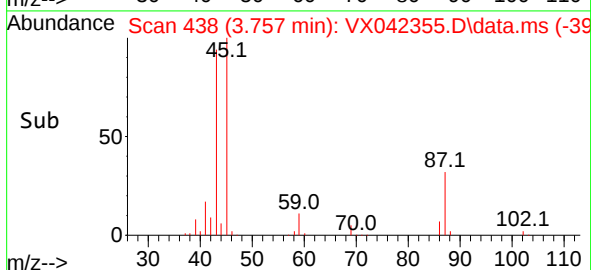
Reviewed By :John Carlone 07/18/2024
Supervised By :Mahesh Dadoda 07/18/2024

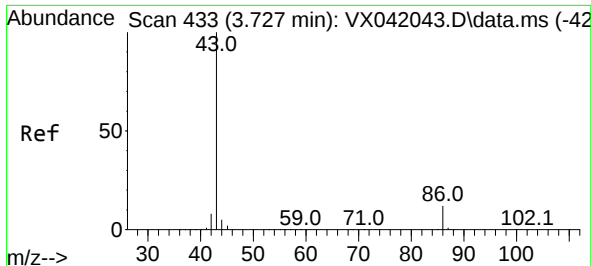


#22
Diisopropyl ether
Concen: 17.453 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.012 min
Lab File: VX042355.D
Acq: 17 Jul 2024 12:22



Tgt Ion: 45 Resp: 91954
Ion Ratio Lower Upper
45 100
43 93.6 69.7 104.5
87 31.6 20.8 31.2#
59 11.4 9.0 13.4





#23

Vinyl Acetate

Concen: 88.063 ug/l

RT: 3.721 min Scan# 41

Delta R.T. -0.006 min

Lab File: VX042355.D

Acq: 17 Jul 2024 12:22

Instrument :

MSVOA_X

ClientSampleId :

VX0717WBS01

Tgt Ion: 43 Resp: 396240

Ion Ratio Lower Upper

43 100

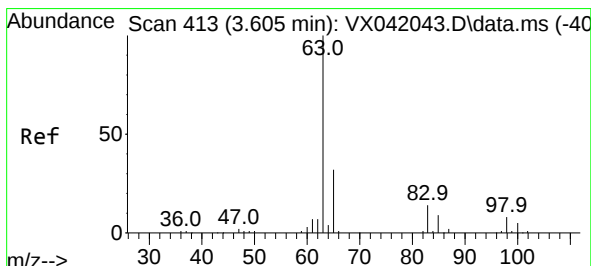
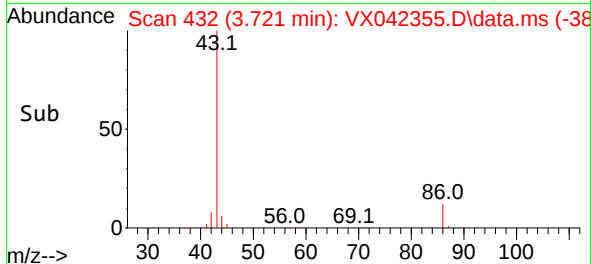
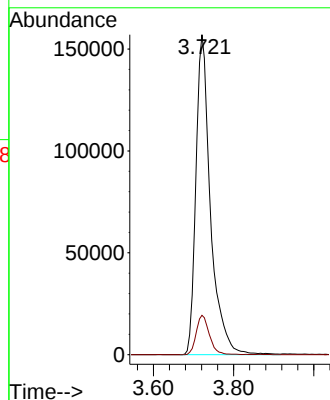
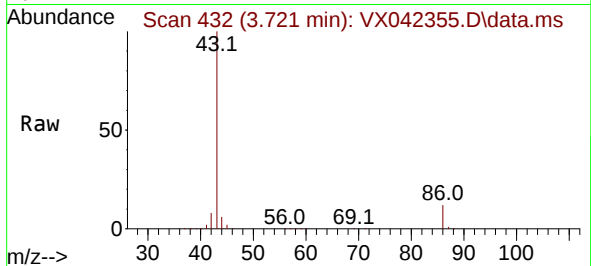
86 12.3 7.8 11.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2024

Supervised By :Mahesh Dadoda 07/18/2024



#24

1,1-Dichloroethane

Concen: 18.049 ug/l

RT: 3.611 min Scan# 414

Delta R.T. 0.006 min

Lab File: VX042355.D

Acq: 17 Jul 2024 12:22

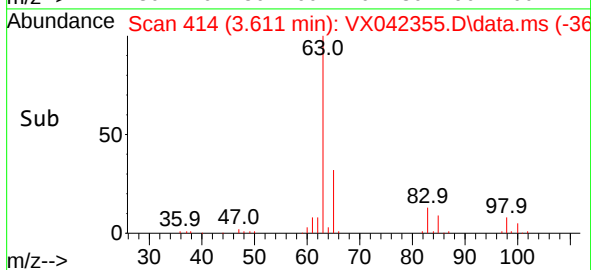
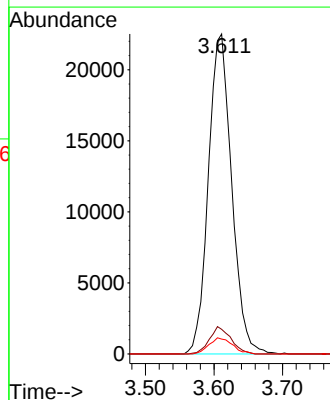
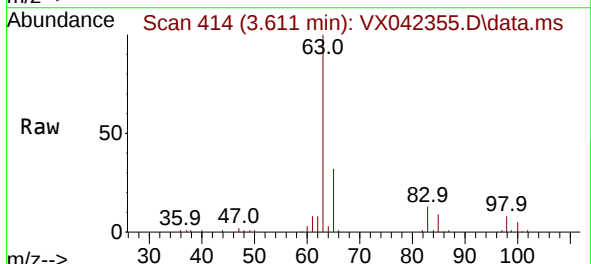
Tgt Ion: 63 Resp: 53254

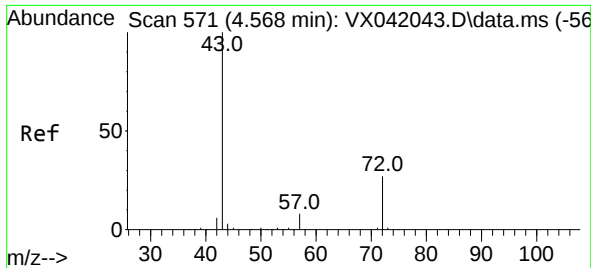
Ion Ratio Lower Upper

63 100

98 7.7 3.3 9.8

100 4.6 2.1 6.5





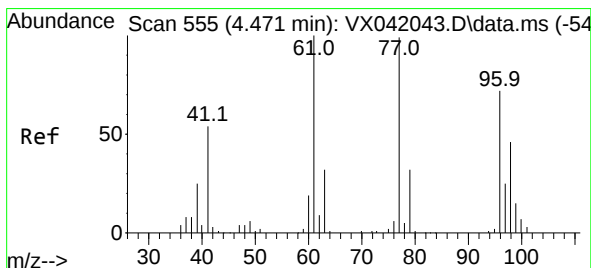
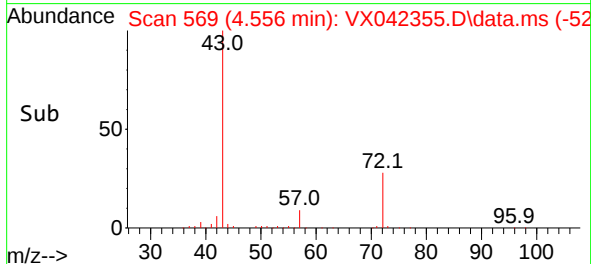
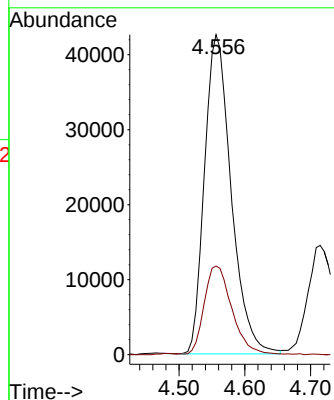
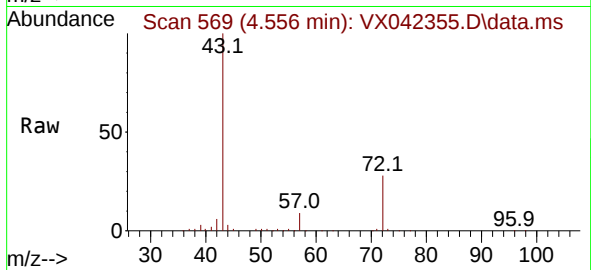
#25
2-Butanone
Concen: 83.650 ug/l
RT: 4.556 min Scan# 50
Delta R.T. -0.018 min
Lab File: VX042355.D
Acq: 17 Jul 2024 12:22

Instrument :
MSVOA_X
ClientSampleId :
VX0717WBS01

Tgt Ion: 43 Resp: 120070
Ion Ratio Lower Upper
43 100
72 27.5 19.4 29.2

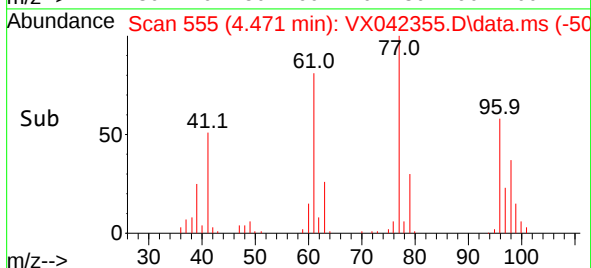
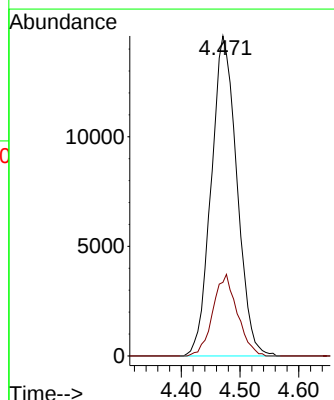
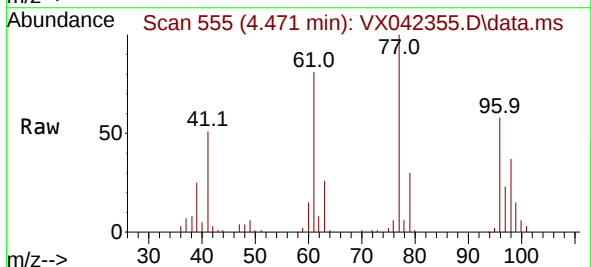
Manual Integrations
APPROVED

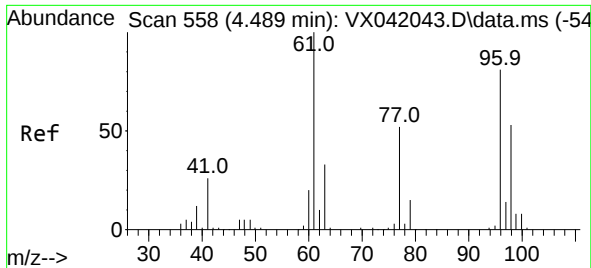
Reviewed By :John Carlone 07/18/2024
Supervised By :Mahesh Dadoda 07/18/2024



#26
2,2-Dichloropropane
Concen: 20.723 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX042355.D
Acq: 17 Jul 2024 12:22

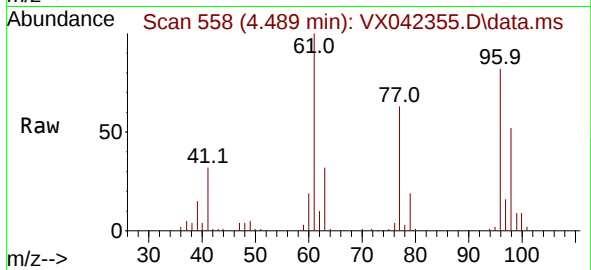
Tgt Ion: 77 Resp: 44279
Ion Ratio Lower Upper
77 100
97 24.3 10.8 32.3





#27
cis-1,2-Dichloroethene
Concen: 18.442 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.000 min
Lab File: VX042355.D
Acq: 17 Jul 2024 12:22

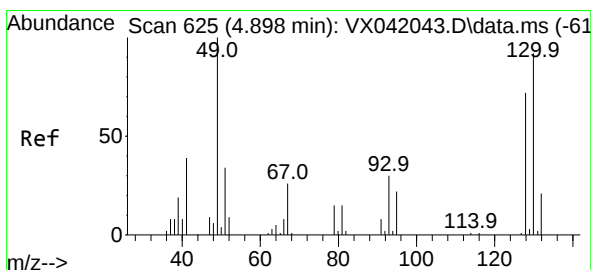
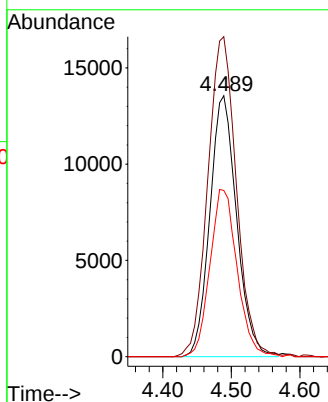
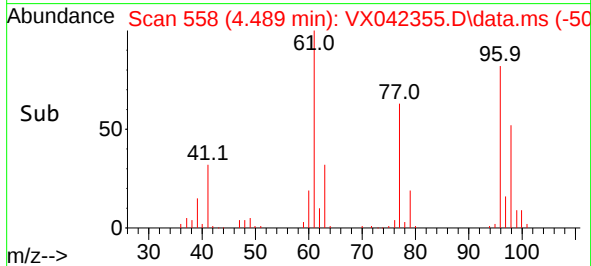
Instrument :
MSVOA_X
ClientSampleId :
VX0717WBS01



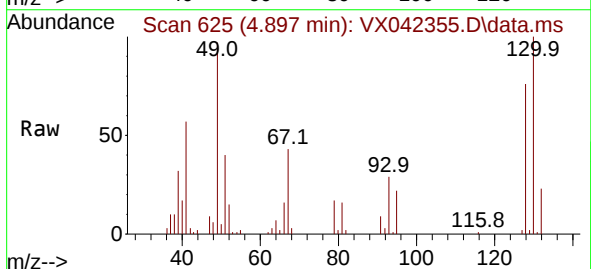
Tgt Ion: 96 Resp: 3684
Ion Ratio Lower Upper
96 100
61 130.7 0.0 312.2
98 64.8 0.0 129.0

Manual Integrations
APPROVED

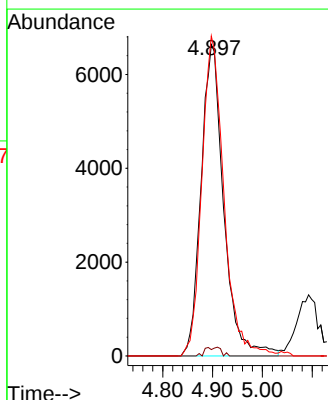
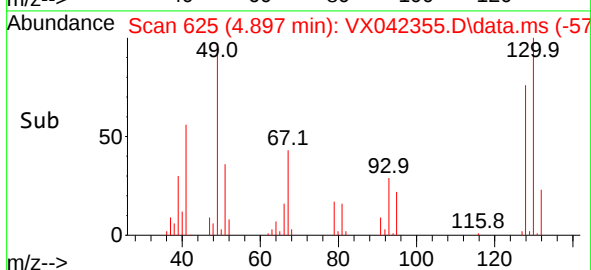
Reviewed By :John Carlone 07/18/2024
Supervised By :Mahesh Dadoda 07/18/2024

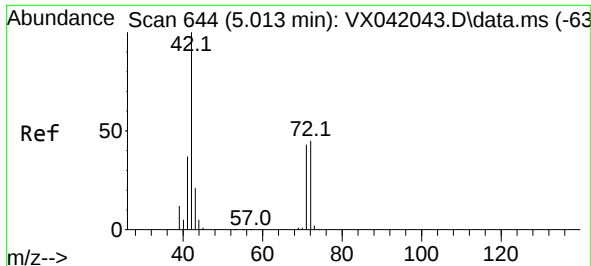


#28
Bromochloromethane
Concen: 16.545 ug/l
RT: 4.897 min Scan# 625
Delta R.T. -0.006 min
Lab File: VX042355.D
Acq: 17 Jul 2024 12:22



Tgt Ion: 49 Resp: 20909
Ion Ratio Lower Upper
49 100
129 0.9 0.0 3.8
130 100.3 57.5 86.3#





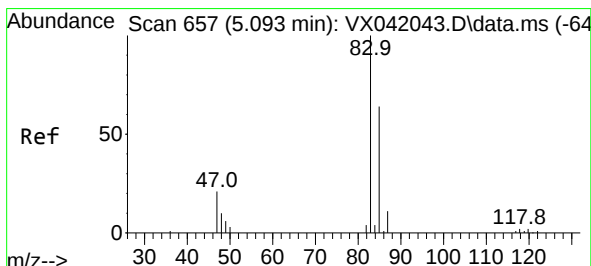
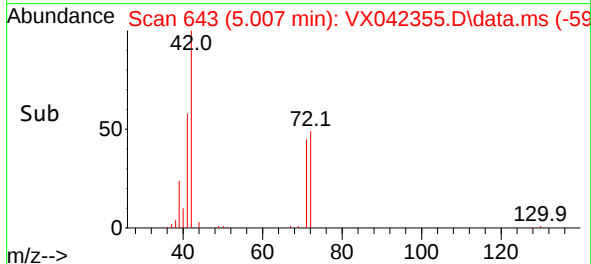
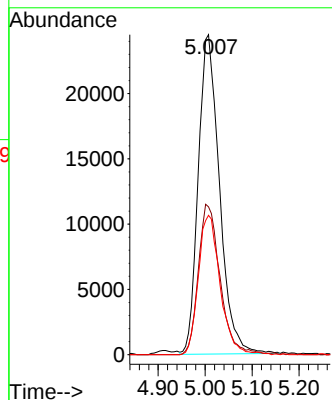
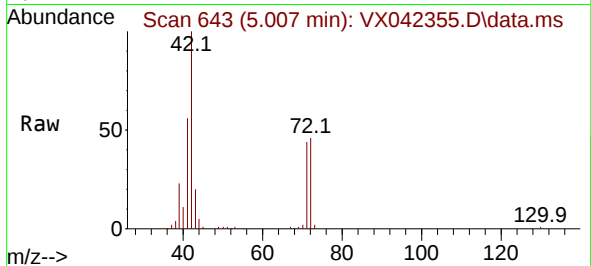
#29
Tetrahydrofuran
Concen: 83.012 ug/l
RT: 5.007 min Scan# 644
Delta R.T. -0.012 min
Lab File: VX042355.D
Acq: 17 Jul 2024 12:22

Instrument :
MSVOA_X
ClientSampleId :
VX0717WBS01

Tgt Ion: 42 Resp: 7695
Ion Ratio Lower Upper
42 100
72 48.1 34.2 51.4
71 44.8 32.2 48.2

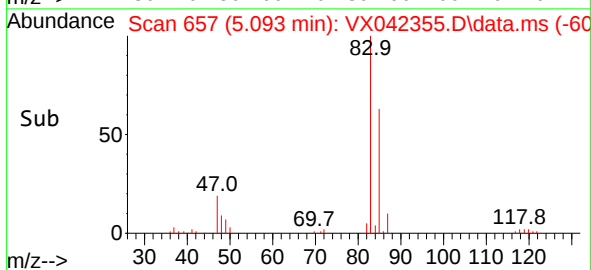
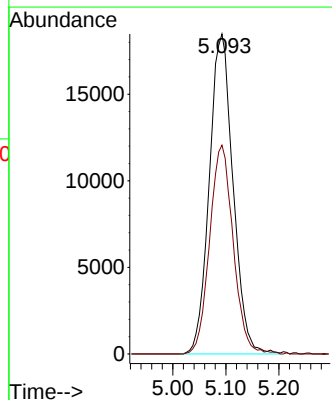
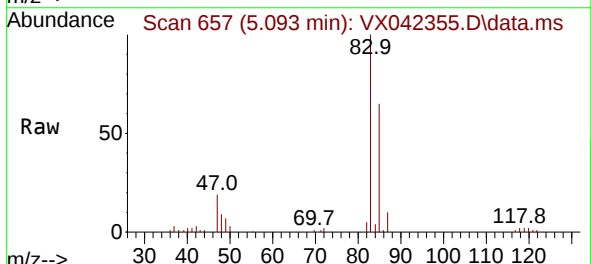
Manual Integrations
APPROVED

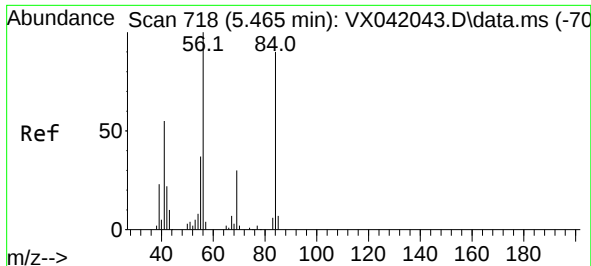
Reviewed By :John Carlone 07/18/2024
Supervised By :Mahesh Dadoda 07/18/2024



#30
Chloroform
Concen: 18.681 ug/l
RT: 5.093 min Scan# 657
Delta R.T. -0.006 min
Lab File: VX042355.D
Acq: 17 Jul 2024 12:22

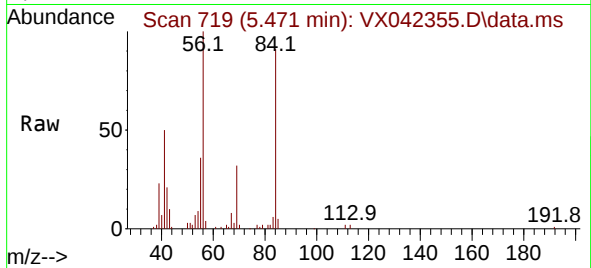
Tgt Ion: 83 Resp: 57425
Ion Ratio Lower Upper
83 100
85 65.3 50.3 75.5





#31
Cyclohexane
Concen: 17.414 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.006 min
Lab File: VX042355.D
Acq: 17 Jul 2024 12:22

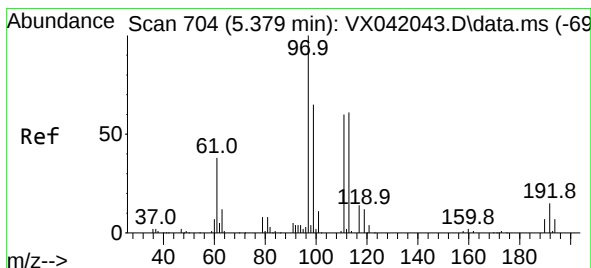
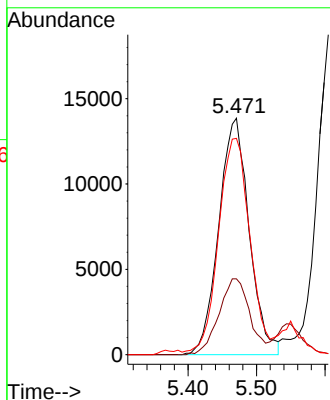
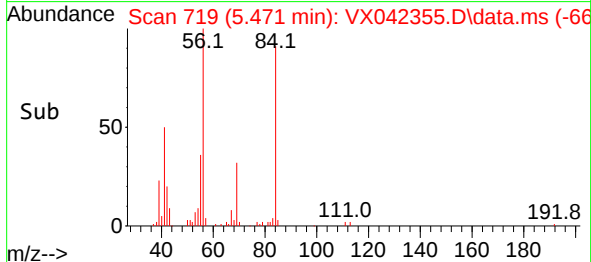
Instrument :
MSVOA_X
ClientSampleId :
VX0717WBS01



Tgt Ion: 56 Resp: 42792
Ion Ratio Lower Upper
56 100
69 32.0 23.4 35.2
84 89.6 65.9 98.9

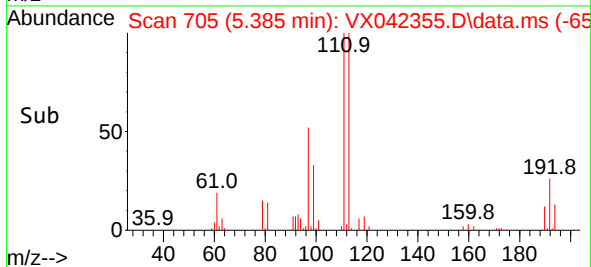
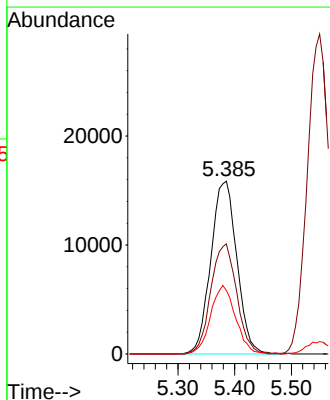
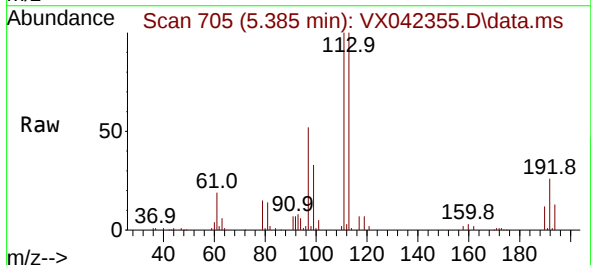
Manual Integrations
APPROVED

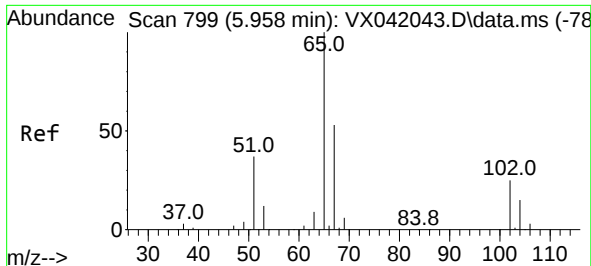
Reviewed By :John Carlone 07/18/2024
Supervised By :Mahesh Dadoda 07/18/2024



#32
1,1,1-Trichloroethane
Concen: 19.657 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX042355.D
Acq: 17 Jul 2024 12:22

Tgt Ion: 97 Resp: 50491
Ion Ratio Lower Upper
97 100
99 63.2 51.1 76.7
61 37.9 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 42.303 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX042355.D

Acq: 17 Jul 2024 12:22

Instrument :

MSVOA_X

ClientSampleId :

VX0717WBS01

Tgt Ion: 65 Resp: 88890

Ion Ratio Lower Upper

65 100

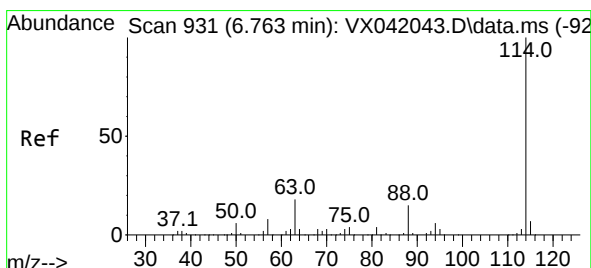
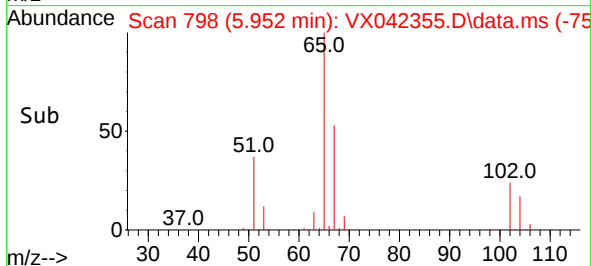
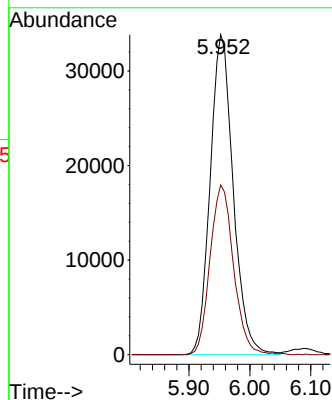
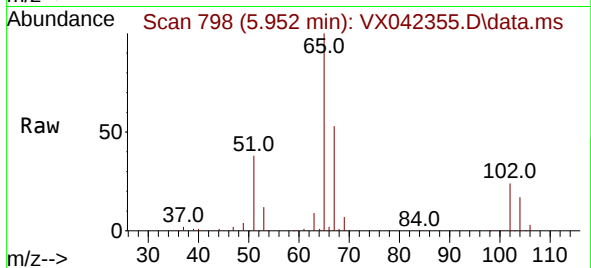
67 54.1 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2024

Supervised By :Mahesh Dadoda 07/18/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX042355.D

Acq: 17 Jul 2024 12:22

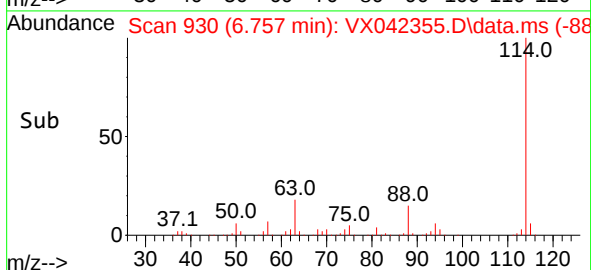
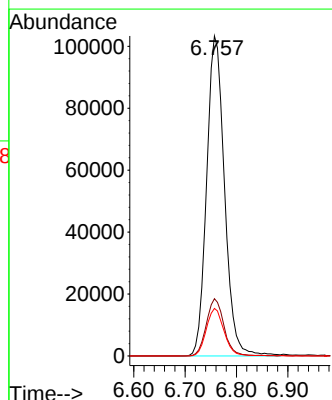
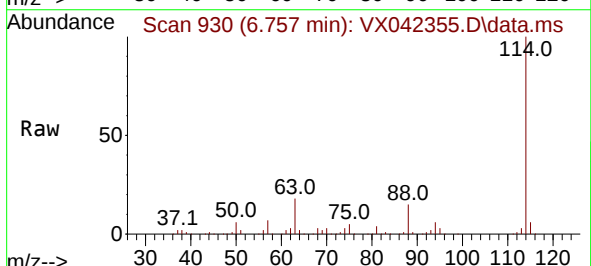
Tgt Ion:114 Resp: 250011

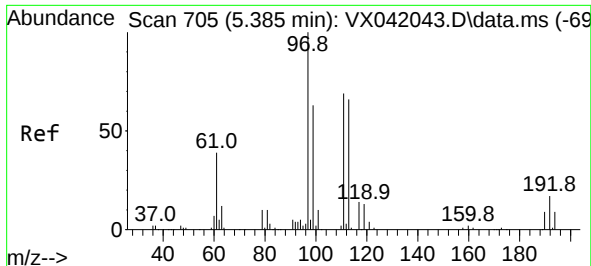
Ion Ratio Lower Upper

114 100

63 17.9 0.0 45.0

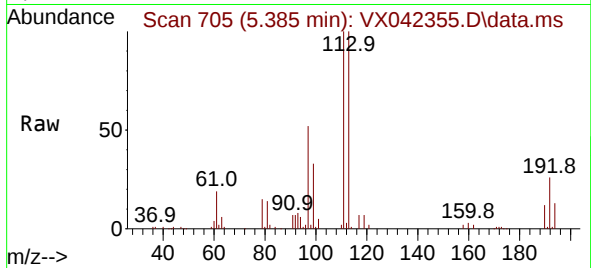
88 14.9 0.0 36.6





#35
Dibromofluoromethane
Concen: 50.377 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX042355.D
Acq: 17 Jul 2024 12:22

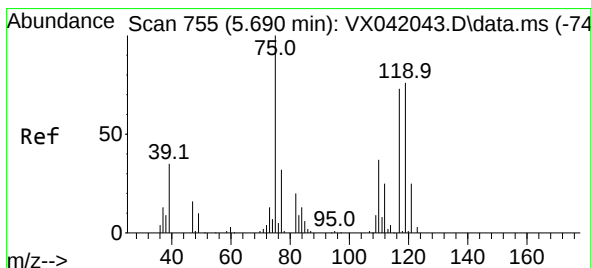
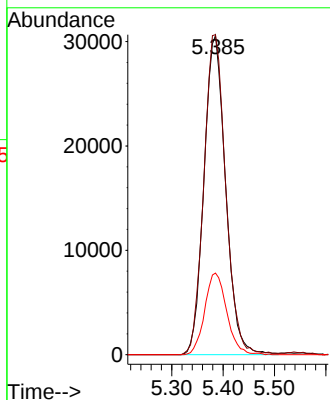
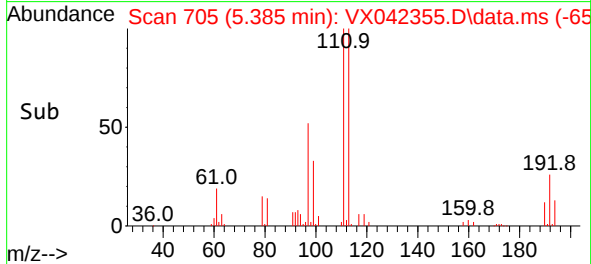
Instrument :
MSVOA_X
Client Sample Id :
VX0717WBS01



Tgt Ion: 113 Resp: 8936
Ion Ratio Lower Upper
113 100
111 101.4 82.9 124.3
192 26.1 13.3 19.9

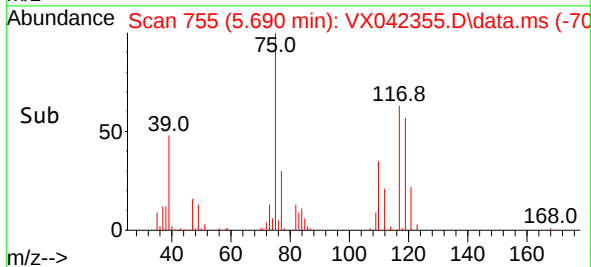
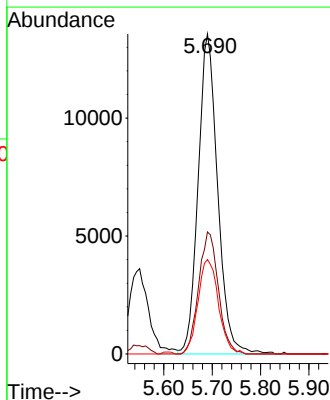
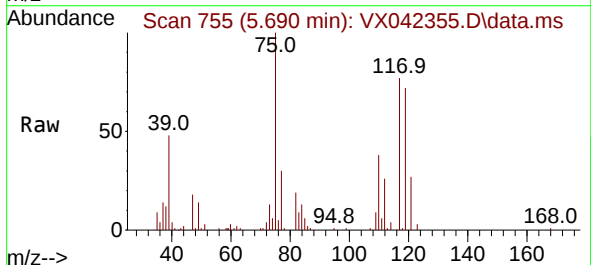
Manual Integrations
APPROVED

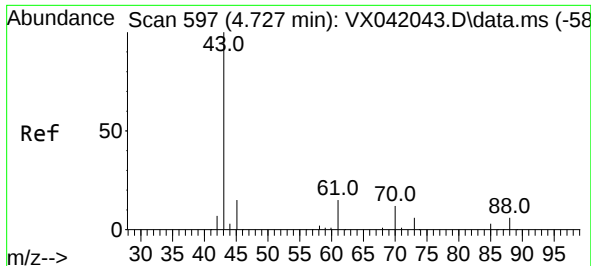
Reviewed By : John Carlone 07/18/2024
Supervised By : Mahesh Dadoda 07/18/2024



#36
1,1-Dichloropropene
Concen: 20.169 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX042355.D
Acq: 17 Jul 2024 12:22

Tgt Ion: 75 Resp: 37993
Ion Ratio Lower Upper
75 100
110 38.5 17.0 50.9
77 31.0 24.7 37.1





#37

Ethyl Acetate

Concen: 17.730 ug/l

RT: 4.715 min Scan# 595

Delta R.T. -0.012 min

Lab File: VX042355.D

Acq: 17 Jul 2024 12:22

Instrument :

MSVOA_X

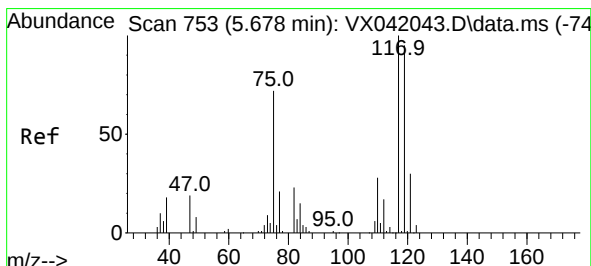
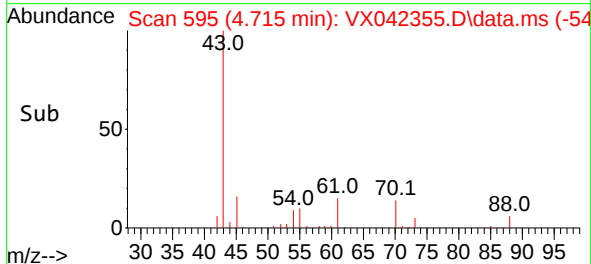
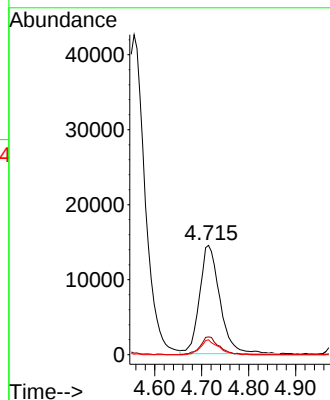
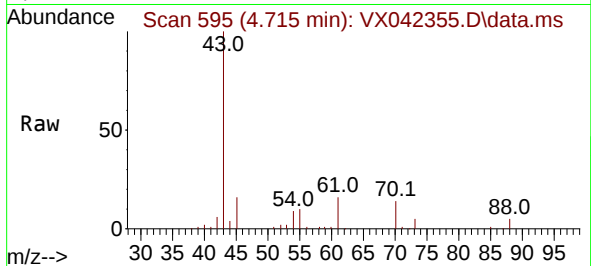
ClientSampleId :

VX0717WBS01

Tgt Ion: 43	Resp: 4350
Ion Ratio	Lower Upper
43 100	
61 15.1	10.6 16.0
70 12.0	8.3 12.5

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/18/2024
Supervised By :Mahesh Dadoda 07/18/2024



#38

Carbon Tetrachloride

Concen: 20.986 ug/l

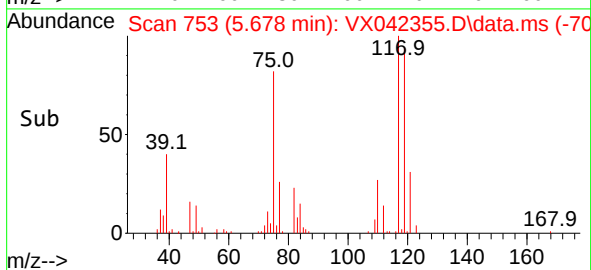
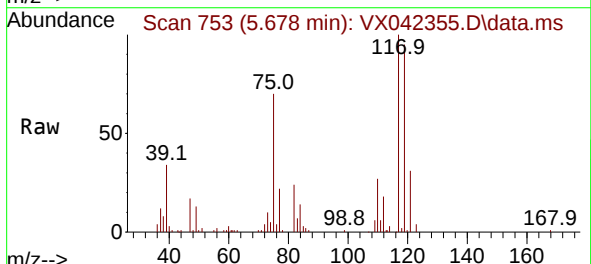
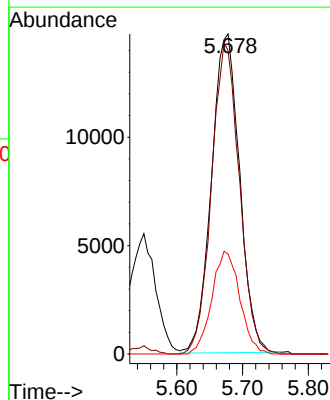
RT: 5.678 min Scan# 753

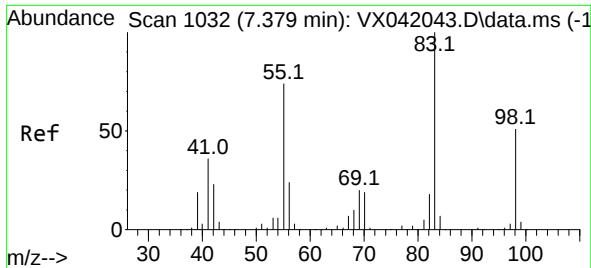
Delta R.T. 0.000 min

Lab File: VX042355.D

Acq: 17 Jul 2024 12:22

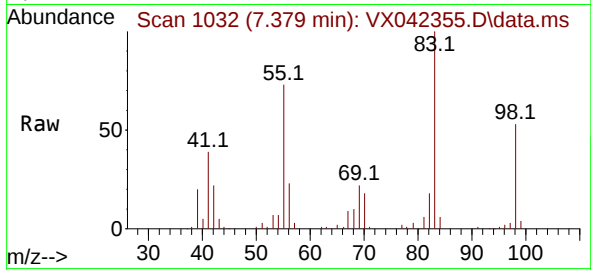
Tgt Ion:117	Resp: 43679
Ion Ratio	Lower Upper
117 100	
119 95.3	78.2 117.2
121 31.4	24.4 36.6





#39
Methylcyclohexane
Concen: 20.058 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX042355.D
Acq: 17 Jul 2024 12:22

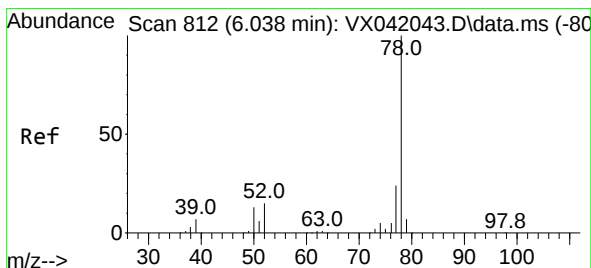
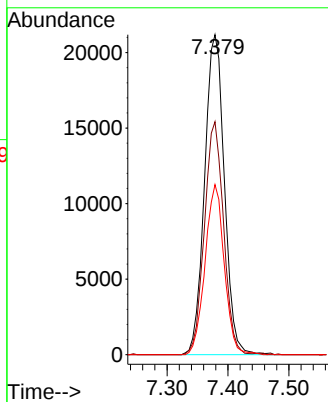
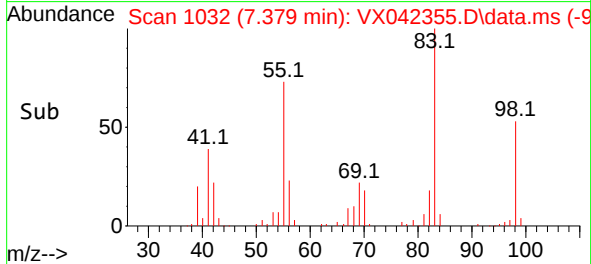
Instrument :
MSVOA_X
ClientSampleId :
VX0717WBS01



Tgt Ion: 83 Resp: 47780
Ion Ratio Lower Upper
83 100
55 72.8 64.6 97.0
98 53.1 36.7 55.1

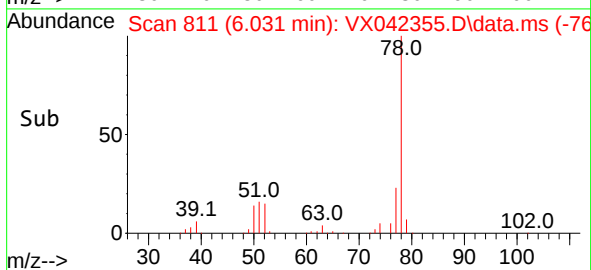
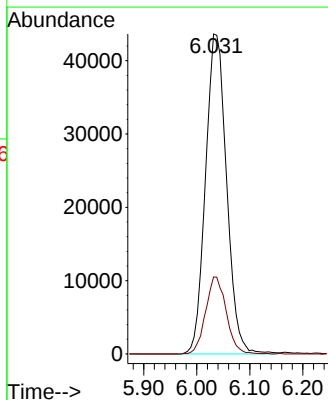
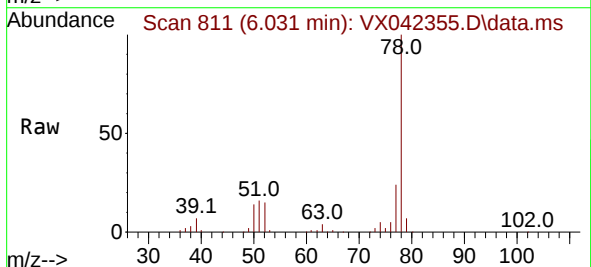
Manual Integrations
APPROVED

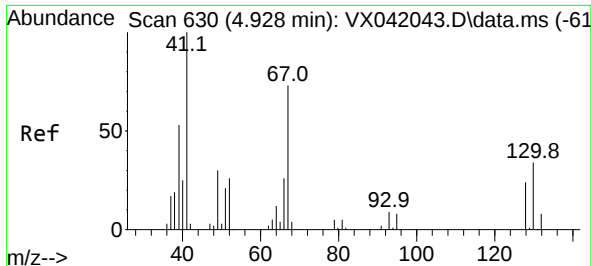
Reviewed By :John Carlone 07/18/2024
Supervised By :Mahesh Dadoda 07/18/2024



#40
Benzene
Concen: 19.001 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX042355.D
Acq: 17 Jul 2024 12:22

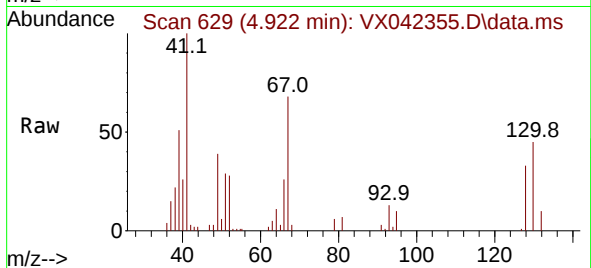
Tgt Ion: 78 Resp: 120722
Ion Ratio Lower Upper
78 100
77 24.0 19.3 28.9





#41
Methacrylonitrile
Concen: 18.290 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX042355.D
Acq: 17 Jul 2024 12:22

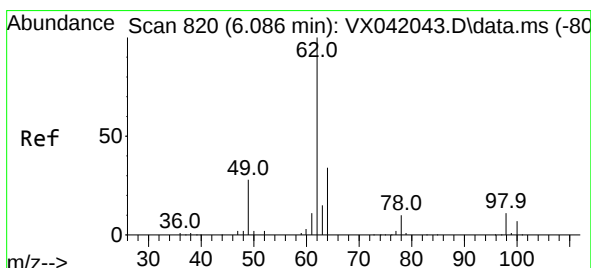
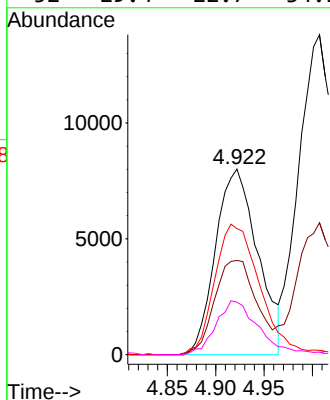
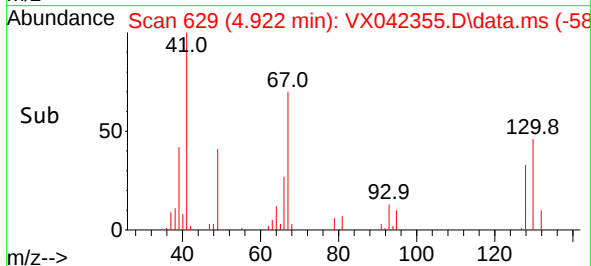
Instrument :
MSVOA_X
ClientSampleId :
VX0717WBS01



Tgt Ion: 41 Resp: 24329
Ion Ratio Lower Upper
41 100
39 50.5 45.2 67.8
67 75.6 52.6 78.8
52 29.4 22.7 34.1

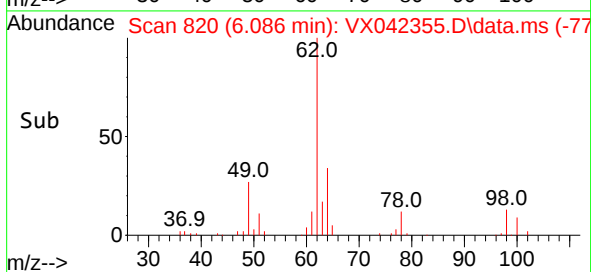
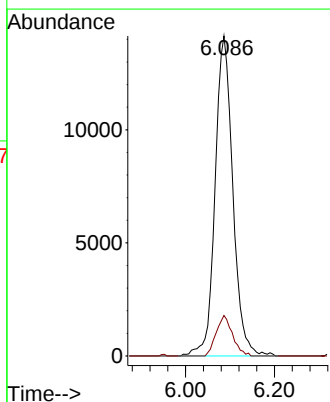
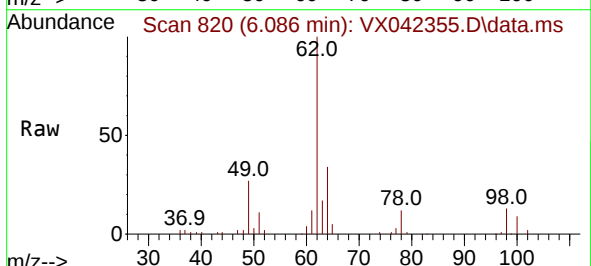
Manual Integrations
APPROVED

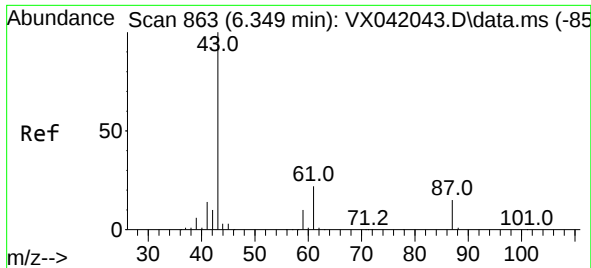
Reviewed By :John Carlone 07/18/2024
Supervised By :Mahesh Dadoda 07/18/2024



#42
1,2-Dichloroethane
Concen: 19.131 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX042355.D
Acq: 17 Jul 2024 12:22

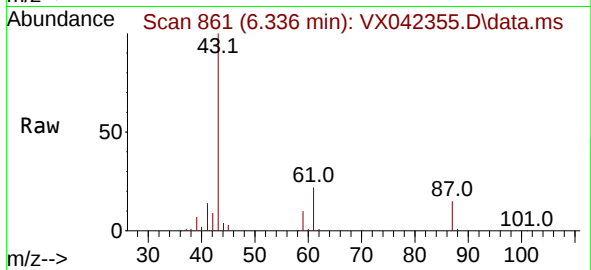
Tgt Ion: 62 Resp: 39150
Ion Ratio Lower Upper
62 100
98 11.6 0.0 16.0





#43
Isopropyl Acetate
Concen: 17.975 ug/l
RT: 6.336 min Scan# 80
Delta R.T. -0.012 min
Lab File: VX042355.D
Acq: 17 Jul 2024 12:22

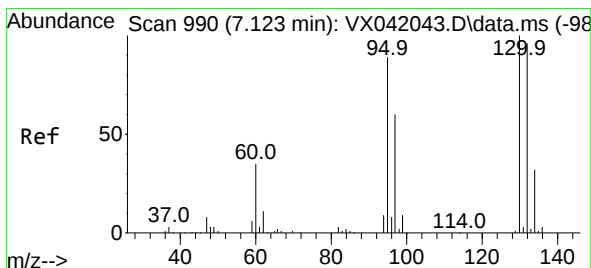
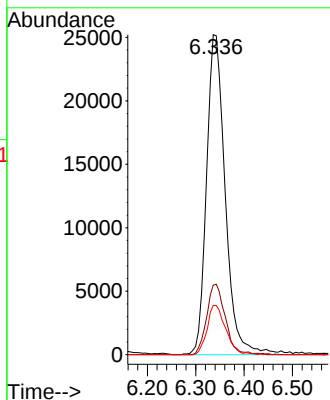
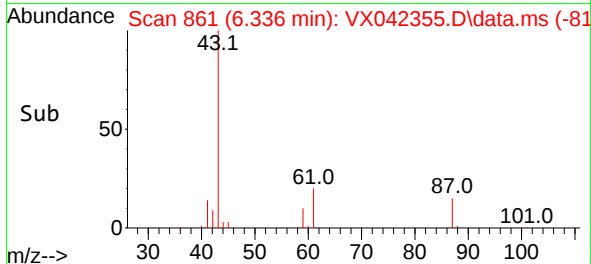
Instrument :
MSVOA_X
ClientSampleId :
VX0717WBS01



Tgt Ion: 43 Resp: 6770
Ion Ratio Lower Upper
43 100
61 21.8 15.2 22.8
87 15.3 9.8 14.6

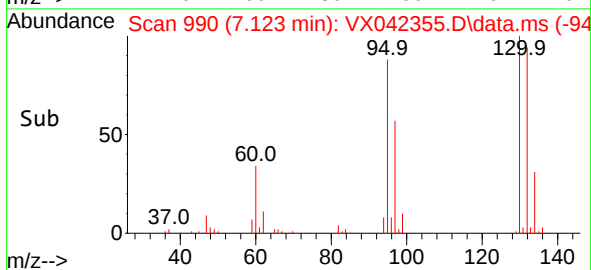
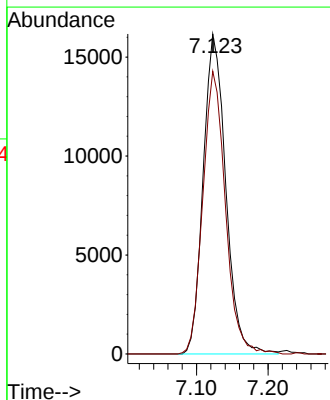
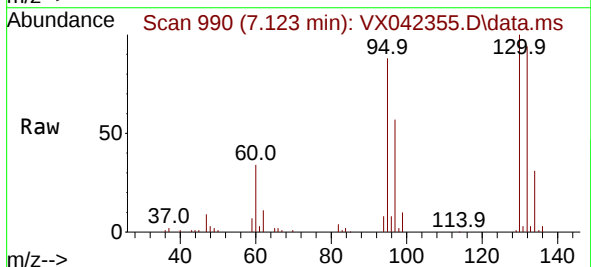
Manual Integrations
APPROVED

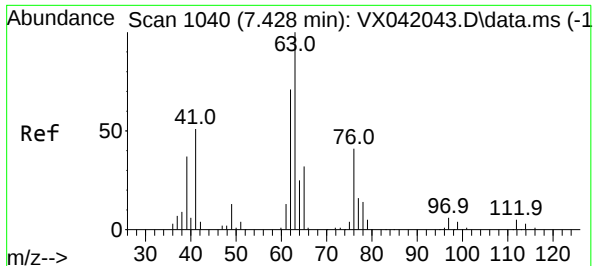
Reviewed By :John Carlone 07/18/2024
Supervised By :Mahesh Dadoda 07/18/2024



#44
Trichloroethene
Concen: 20.786 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX042355.D
Acq: 17 Jul 2024 12:22

Tgt Ion:130 Resp: 35399
Ion Ratio Lower Upper
130 100
95 88.4 0.0 204.4





#45

1,2-Dichloropropane

Concen: 19.706 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX042355.D

Acq: 17 Jul 2024 12:22

Instrument :

MSVOA_X

ClientSampleId :

VX0717WBS01

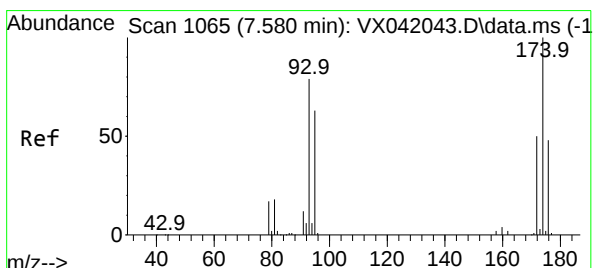
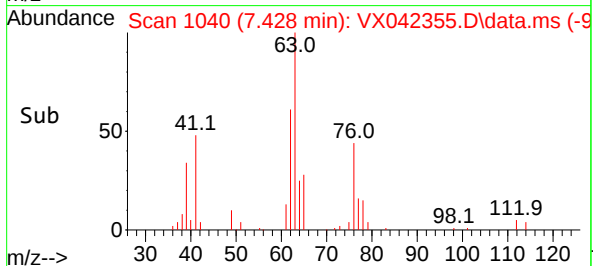
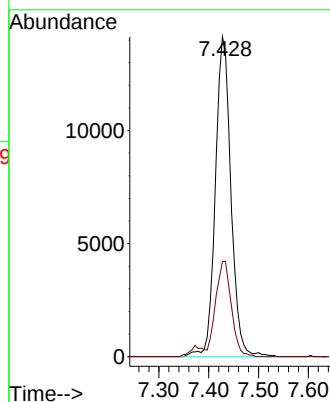
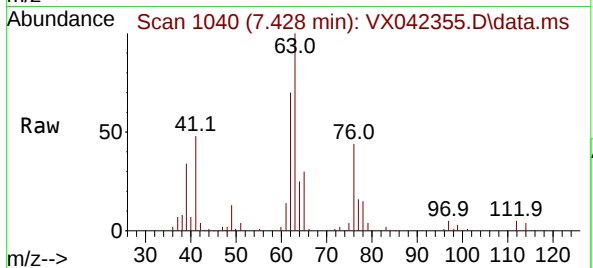
Tgt Ion: 63 Resp: 30785
 Ion Ratio Lower Upper
 63 100
 65 29.7 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2024

Supervised By :Mahesh Dadoda 07/18/2024



#46

Dibromomethane

Concen: 19.761 ug/l

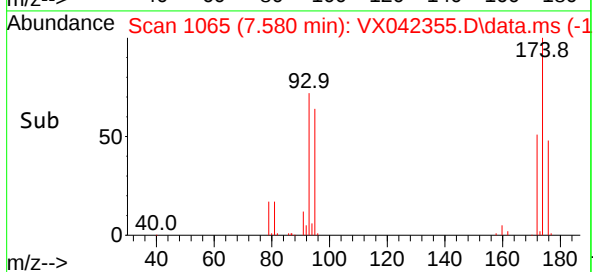
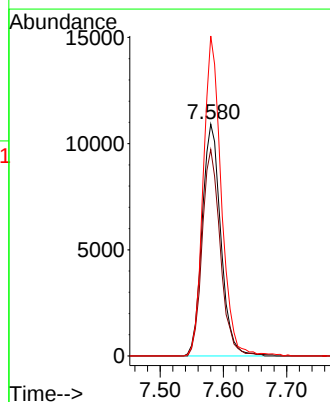
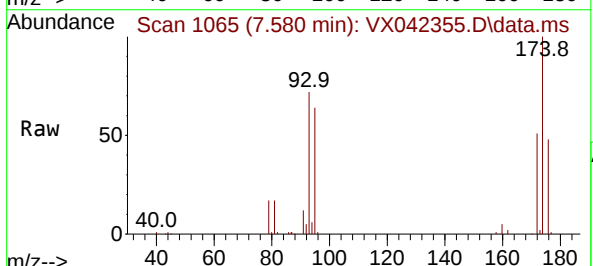
RT: 7.580 min Scan# 1065

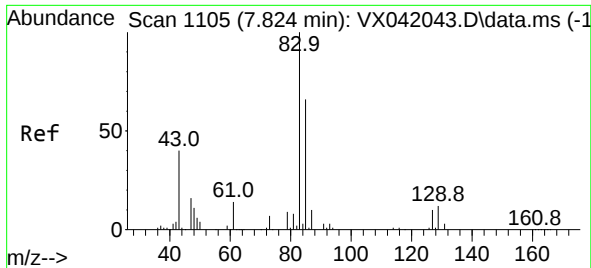
Delta R.T. 0.000 min

Lab File: VX042355.D

Acq: 17 Jul 2024 12:22

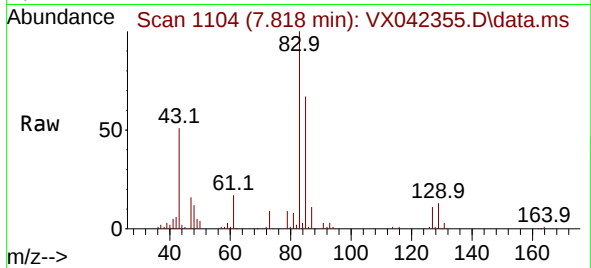
Tgt Ion: 93 Resp: 22493
 Ion Ratio Lower Upper
 93 100
 95 86.1 66.6 100.0
 174 133.1 69.4 104.0#





#47
Bromodichloromethane
Concen: 20.262 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX042355.D
Acq: 17 Jul 2024 12:22

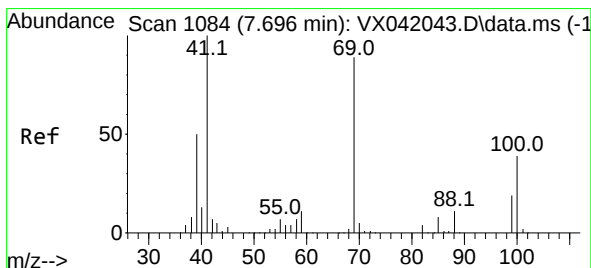
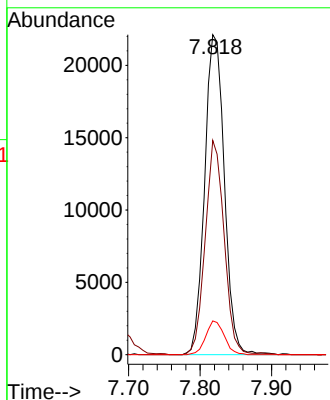
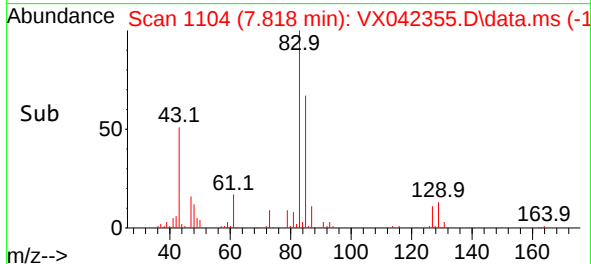
Instrument :
MSVOA_X
ClientSampleId :
VX0717WBS01



Tgt Ion: 83 Resp: 42344
Ion Ratio Lower Upper
83 100
85 67.0 49.8 74.6
127 10.5 7.1 10.7

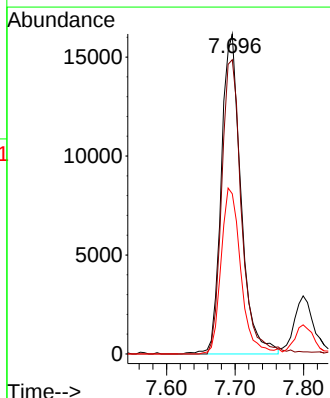
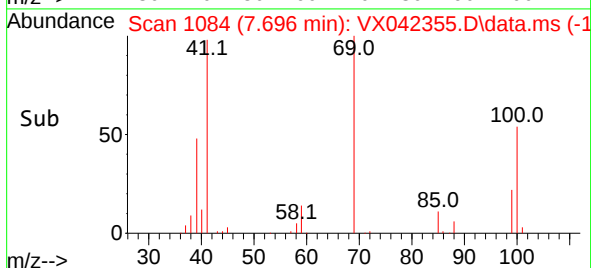
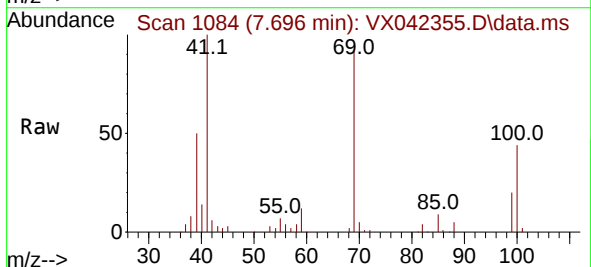
Manual Integrations
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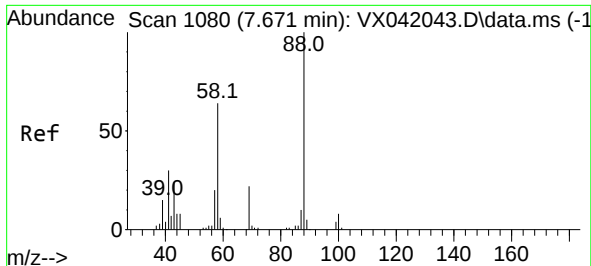
Reviewed By :John Carlone 07/18/2024
Supervised By :Mahesh Dadoda 07/18/2024



#48
Methyl methacrylate
Concen: 17.882 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX042355.D
Acq: 17 Jul 2024 12:22

Tgt Ion: 41 Resp: 32145
Ion Ratio Lower Upper
41 100
69 93.8 59.2 88.8#
39 51.8 47.7 71.5





#49

1,4-Dioxane

Concen: 326.596 ug/l

RT: 7.659 min Scan# 1080

Delta R.T. -0.006 min

Lab File: VX042355.D

Acq: 17 Jul 2024 12:22

Instrument :

MSVOA_X

ClientSampleId :

VX0717WBS01

Tgt Ion: 88 Resp: 1488

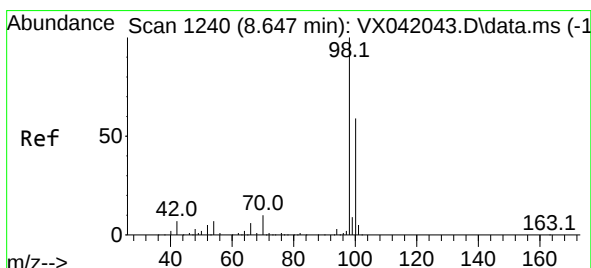
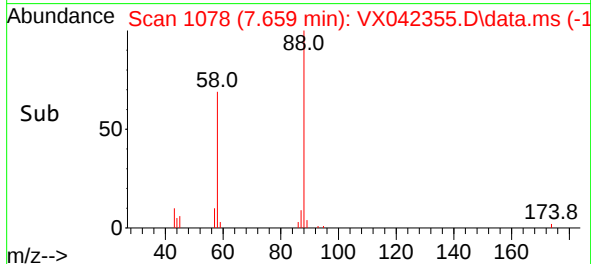
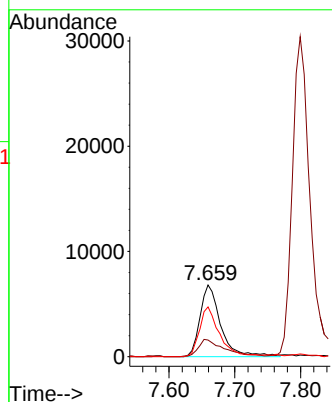
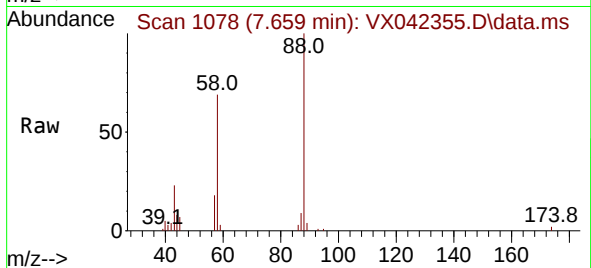
Ion	Ratio	Lower	Upper
88	100		
43	30.2	0.0	0.0
58	66.8	60.1	90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2024

Supervised By :Mahesh Dadoda 07/18/2024



#50

Toluene-d8

Concen: 47.419 ug/l

RT: 8.647 min Scan# 1240

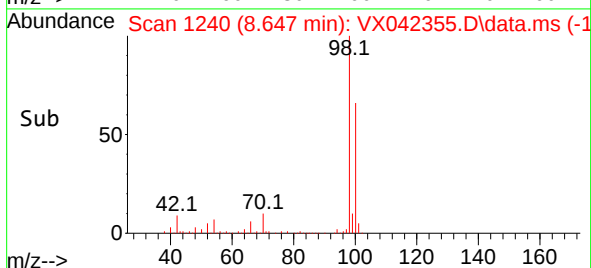
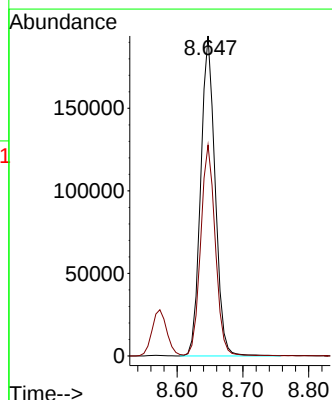
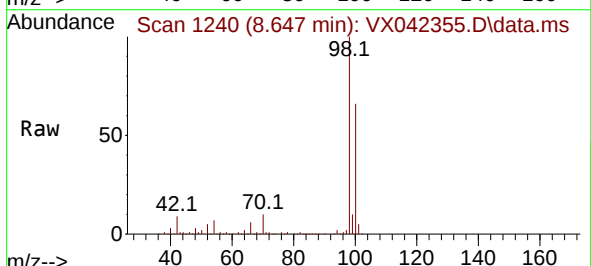
Delta R.T. 0.000 min

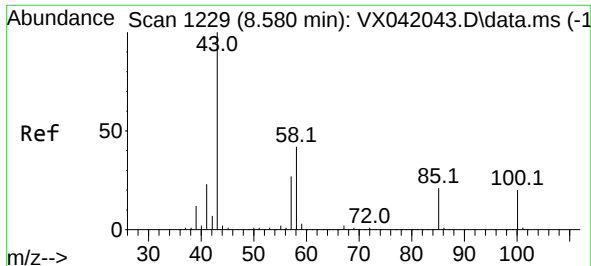
Lab File: VX042355.D

Acq: 17 Jul 2024 12:22

Tgt Ion: 98 Resp: 295518

Ion	Ratio	Lower	Upper
98	100		
100	66.4	53.1	79.7





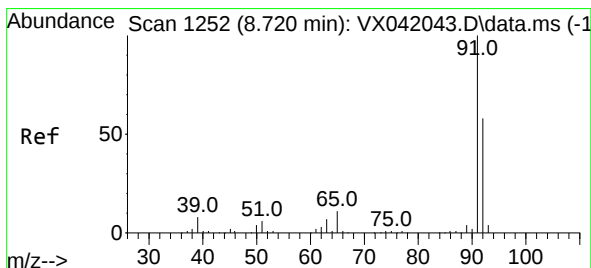
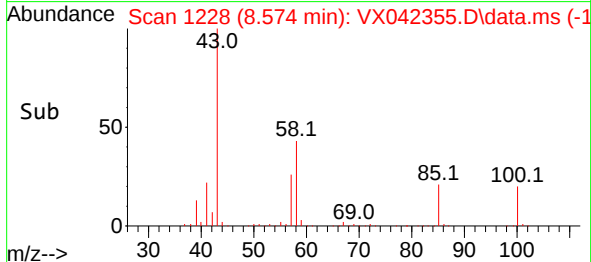
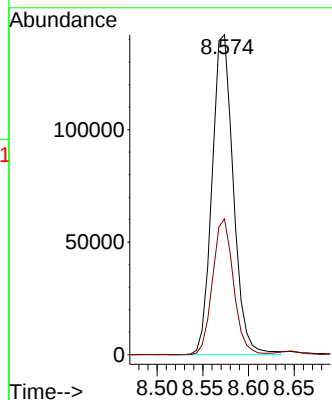
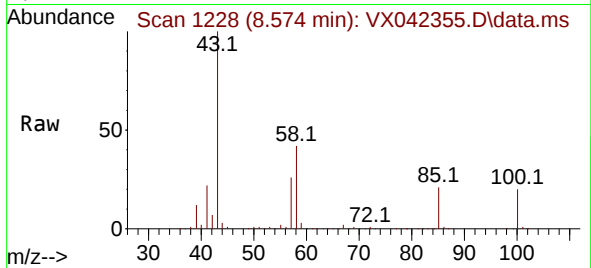
#51
4-Methyl-2-Pentanone
Concen: 88.775 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.006 min
Lab File: VX042355.D
Acq: 17 Jul 2024 12:22

Instrument :
MSVOA_X
ClientSampleId :
VX0717WBS01

Tgt Ion: 43 Resp: 230335
Ion Ratio Lower Upper
43 100
58 41.6 30.4 45.6

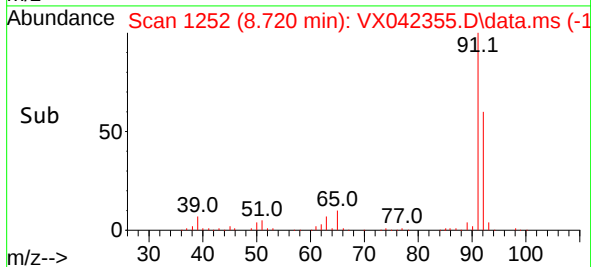
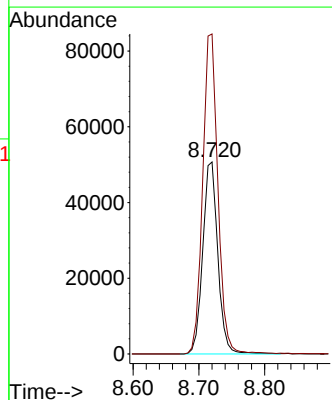
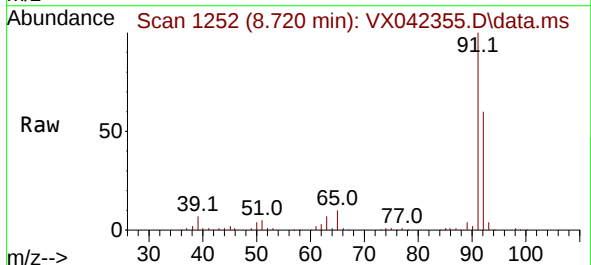
Manual Integrations
APPROVED

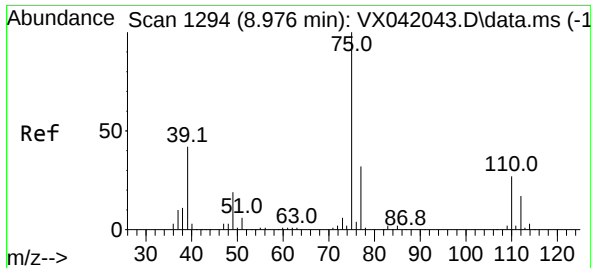
Reviewed By :John Carlone 07/18/2024
Supervised By :Mahesh Dadoda 07/18/2024



#52
Toluene
Concen: 19.948 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX042355.D
Acq: 17 Jul 2024 12:22

Tgt Ion: 92 Resp: 80704
Ion Ratio Lower Upper
92 100
91 168.4 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 20.181 ug/l

RT: 8.976 min Scan# 11294

Delta R.T. -0.006 min

Lab File: VX042355.D

Acq: 17 Jul 2024 12:22

Instrument :

MSVOA_X

ClientSampleId :

VX0717WBS01

Tgt Ion: 75 Resp: 4274

Ion Ratio Lower Upper

75 100

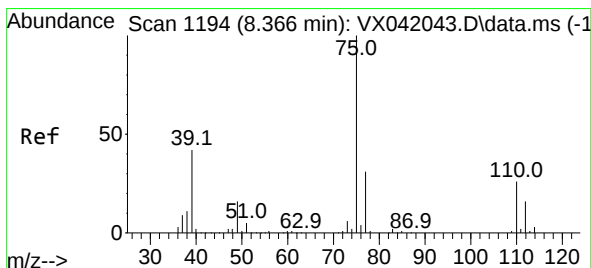
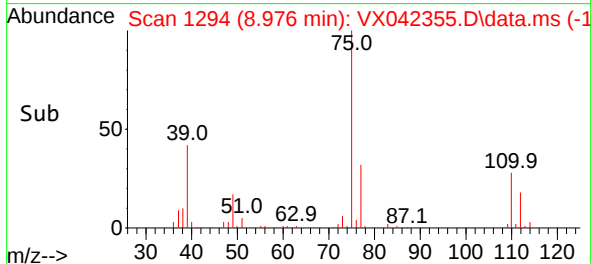
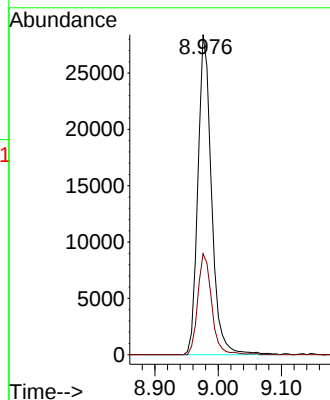
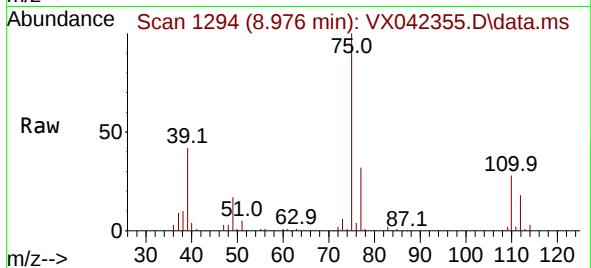
77 31.6 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2024

Supervised By :Mahesh Dadoda 07/18/2024



#54

cis-1,3-Dichloropropene

Concen: 20.546 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX042355.D

Acq: 17 Jul 2024 12:22

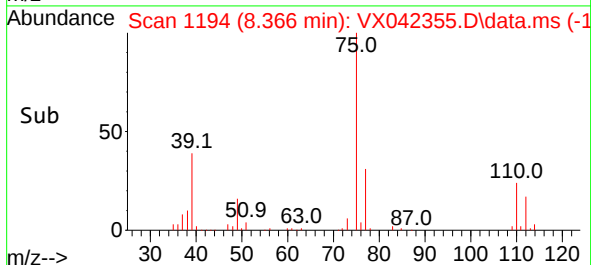
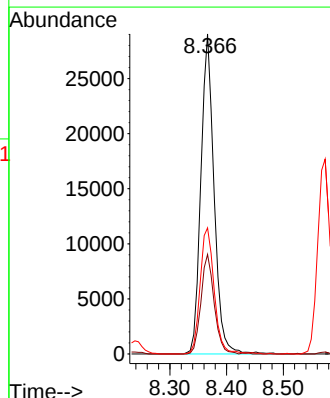
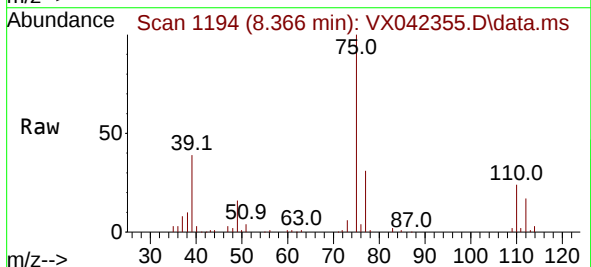
Tgt Ion: 75 Resp: 47008

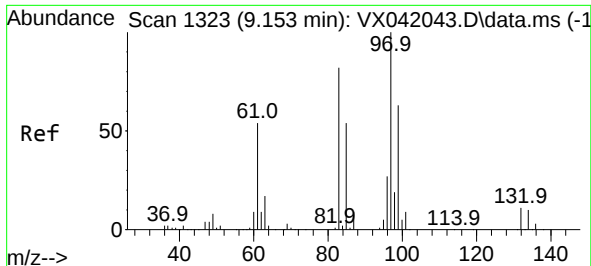
Ion Ratio Lower Upper

75 100

77 31.1 25.3 37.9

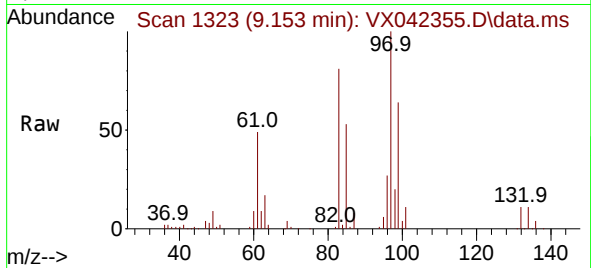
39 39.4 46.7 70.1#





#55
1,1,2-Trichloroethane
Concen: 19.850 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX042355.D
Acq: 17 Jul 2024 12:22

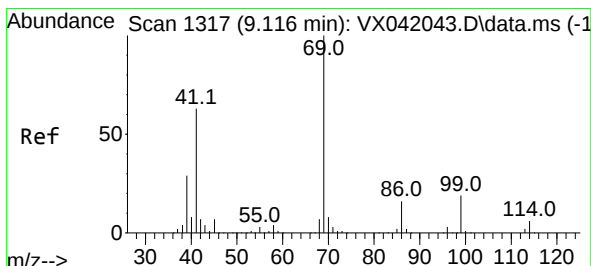
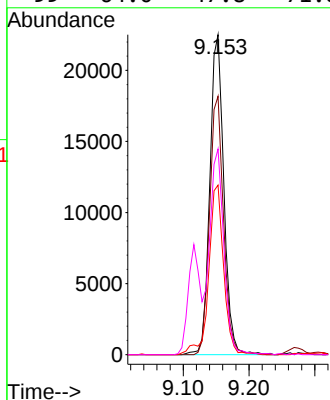
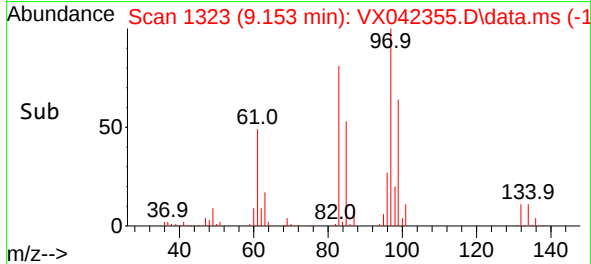
Instrument :
MSVOA_X
ClientSampleId :
VX0717WBS01



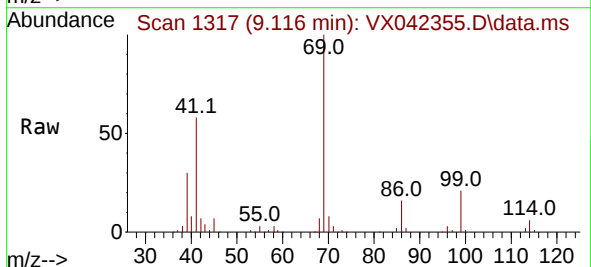
Tgt Ion:	97	Resp:	3345
Ion	Ratio	Lower	Upper
97	100		
83	80.8	65.8	98.8
85	53.0	41.6	62.4
99	64.0	47.8	71.8

Manual Integrations
APPROVED

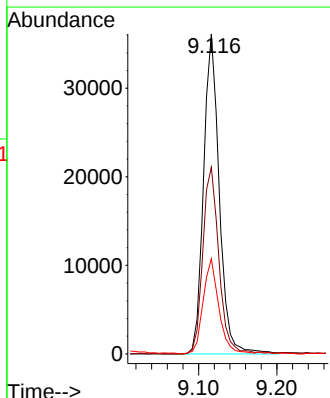
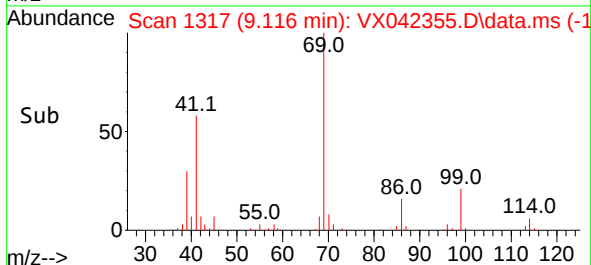
Reviewed By :John Carlone 07/18/2024
Supervised By :Mahesh Dadoda 07/18/2024

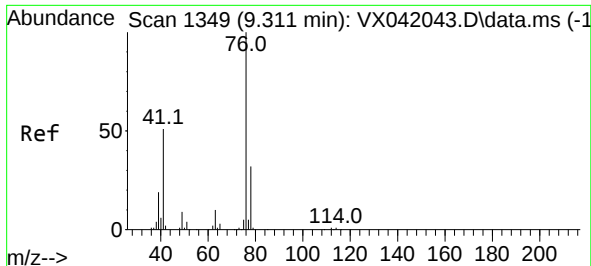


#56
Ethyl methacrylate
Concen: 19.160 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.006 min
Lab File: VX042355.D
Acq: 17 Jul 2024 12:22



Tgt Ion:	69	Resp:	50236
Ion	Ratio	Lower	Upper
69	100		
41	60.3	56.8	85.2
39	29.8	32.0	48.0





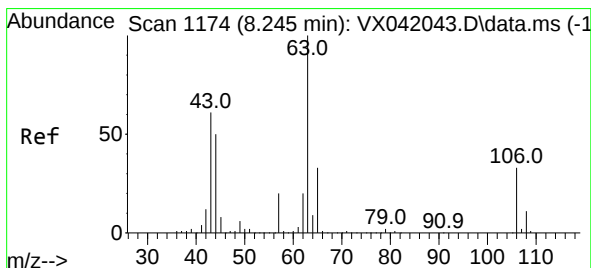
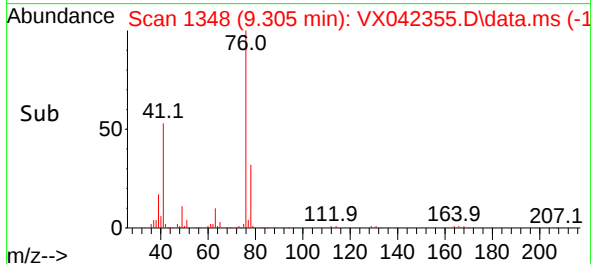
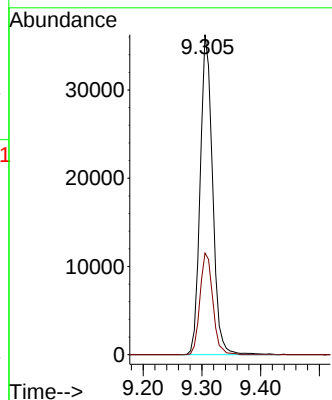
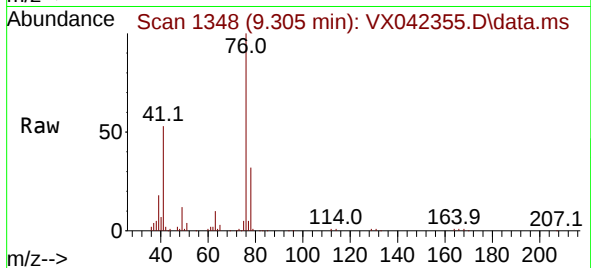
#57
1,3-Dichloropropane
Concen: 19.559 ug/l
RT: 9.305 min Scan# 1173
Delta R.T. -0.006 min
Lab File: VX042355.D
Acq: 17 Jul 2024 12:22

Instrument :
MSVOA_X
ClientSampleId :
VX0717WBS01

Tgt Ion: 76 Resp: 53258
Ion Ratio Lower Upper
76 100
78 32.8 26.1 39.1

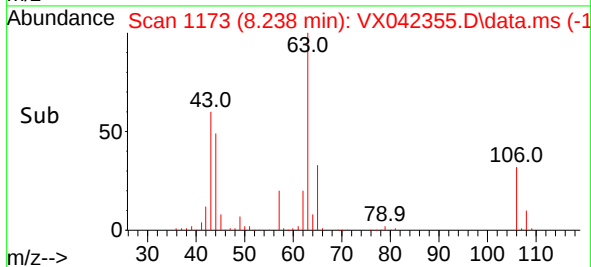
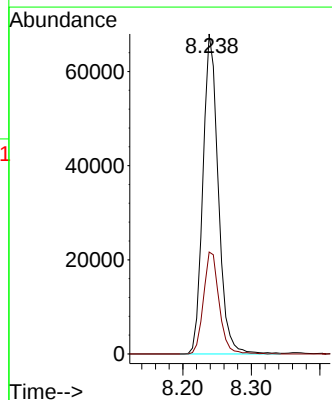
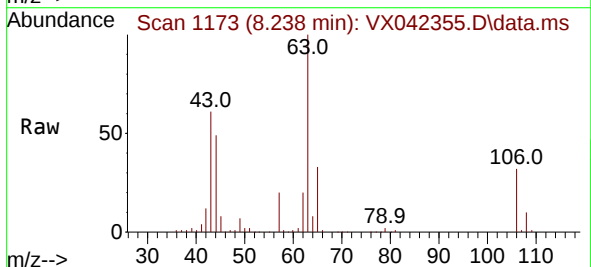
Manual Integrations
APPROVED

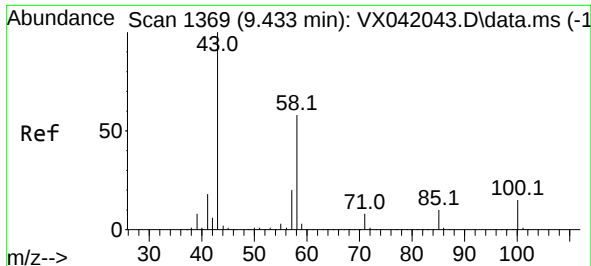
Reviewed By :John Carlone 07/18/2024
Supervised By :Mahesh Dadoda 07/18/2024



#58
2-Chloroethyl Vinyl ether
Concen: 86.829 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.006 min
Lab File: VX042355.D
Acq: 17 Jul 2024 12:22

Tgt Ion: 63 Resp: 106093
Ion Ratio Lower Upper
63 100
106 32.3 22.5 33.7





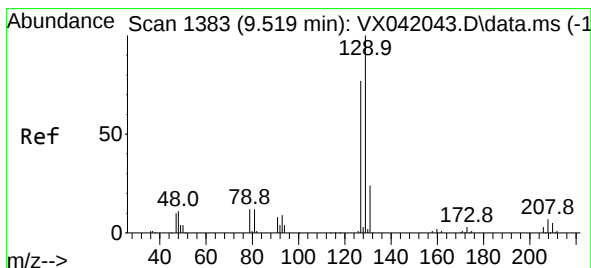
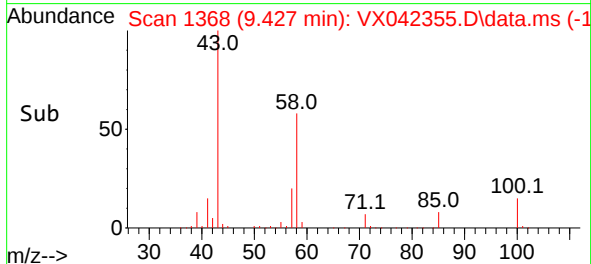
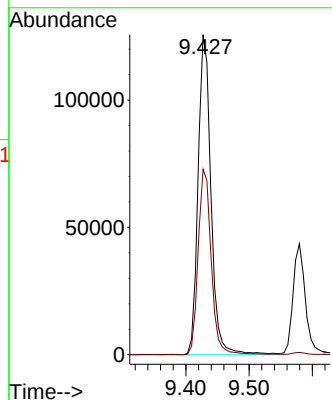
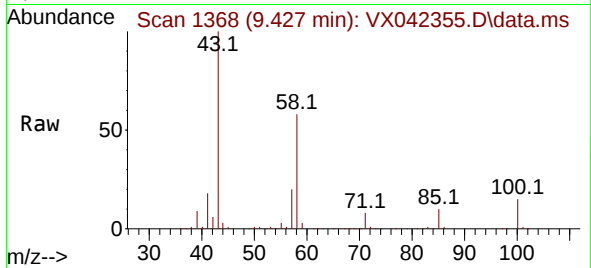
#59
2-Hexanone
Concen: 89.857 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.006 min
Lab File: VX042355.D
Acq: 17 Jul 2024 12:22

Instrument :
MSVOA_X
ClientSampleId :
VX0717WBS01

Tgt Ion: 43 Resp: 17856
Ion Ratio Lower Upper
43 100
58 58.8 26.2 78.5

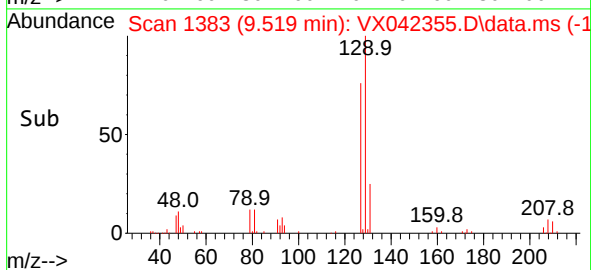
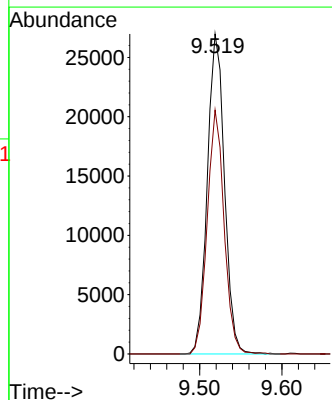
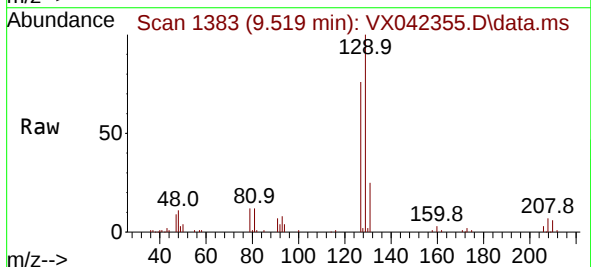
Manual Integrations
APPROVED

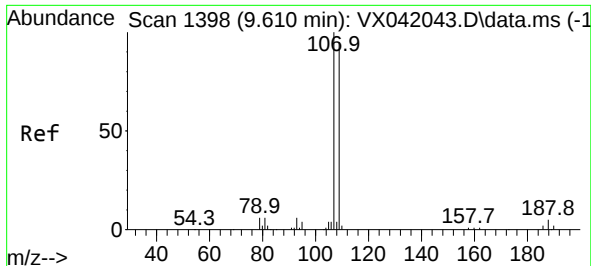
Reviewed By :John Carlone 07/18/2024
Supervised By :Mahesh Dadoda 07/18/2024



#60
Dibromochloromethane
Concen: 21.361 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VX042355.D
Acq: 17 Jul 2024 12:22

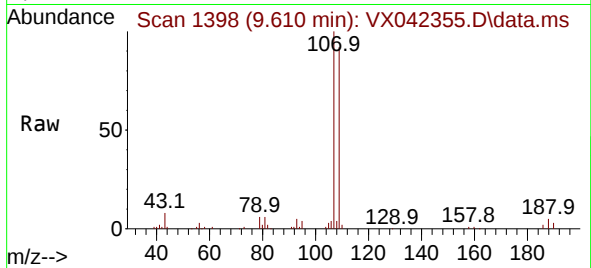
Tgt Ion:129 Resp: 39106
Ion Ratio Lower Upper
129 100
127 75.1 38.8 116.4





#61
1,2-Dibromoethane
Concen: 20.173 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX042355.D
Acq: 17 Jul 2024 12:22

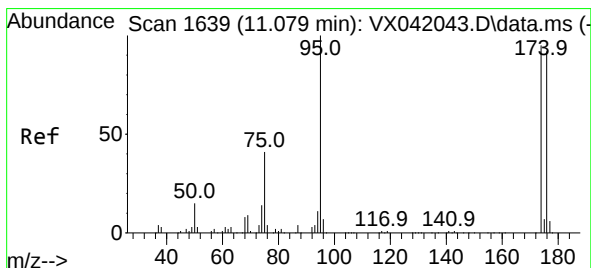
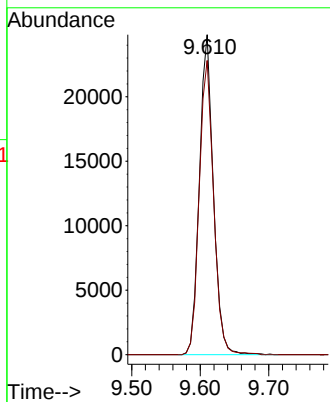
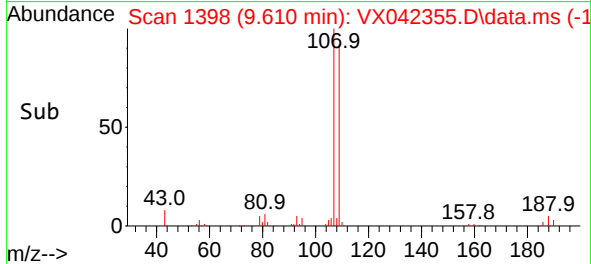
Instrument :
MSVOA_X
ClientSampleId :
VX0717WBS01



Tgt Ion:107 Resp: 35260
Ion Ratio Lower Upper
107 100
109 95.0 75.2 112.8

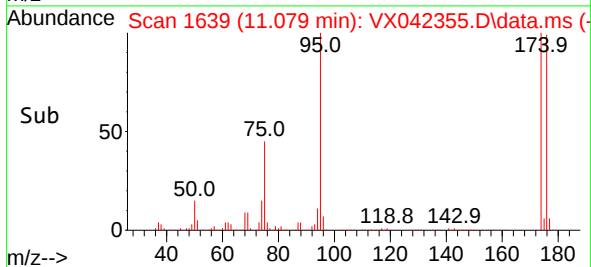
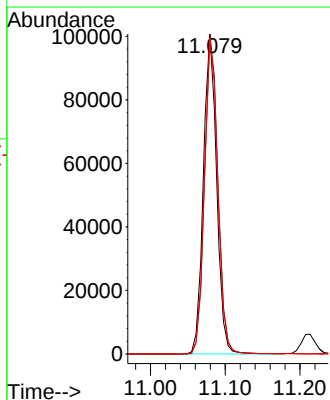
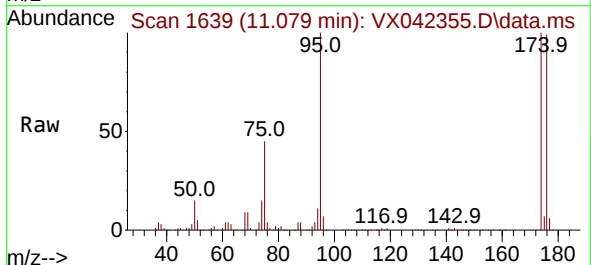
Manual Integrations
APPROVED

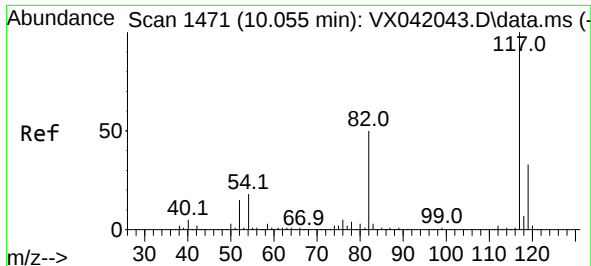
Reviewed By :John Carlone 07/18/2024
Supervised By :Mahesh Dadoda 07/18/2024



#62
4-Bromofluorobenzene
Concen: 53.939 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX042355.D
Acq: 17 Jul 2024 12:22

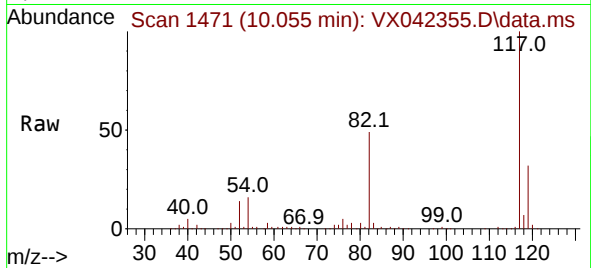
Tgt Ion: 95 Resp: 123913
Ion Ratio Lower Upper
95 100
174 101.2 0.0 135.6
176 98.4 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX042355.D
Acq: 17 Jul 2024 12:22

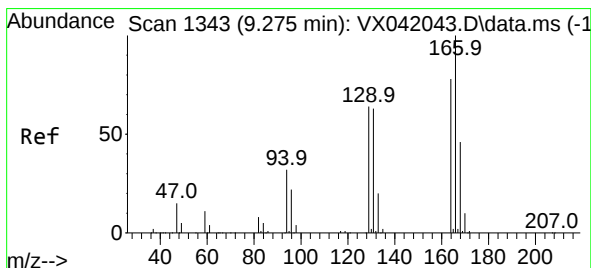
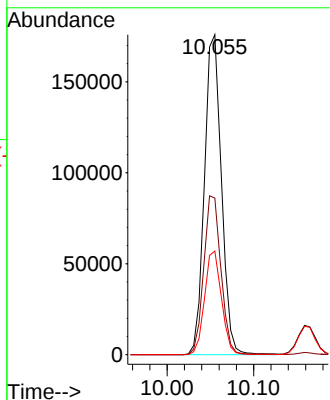
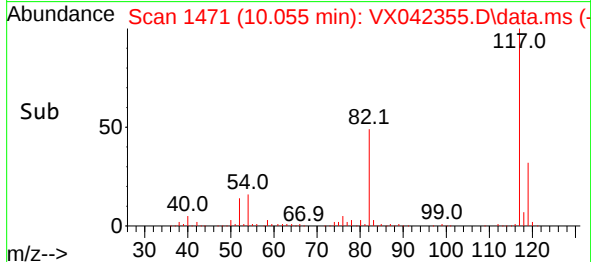
Instrument :
MSVOA_X
ClientSampleId :
VX0717WBS01



Tgt Ion:117 Resp: 240115
Ion Ratio Lower Upper
117 100
82 48.9 46.2 69.4
119 32.4 25.5 38.3

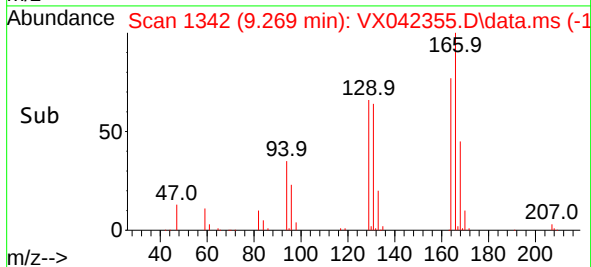
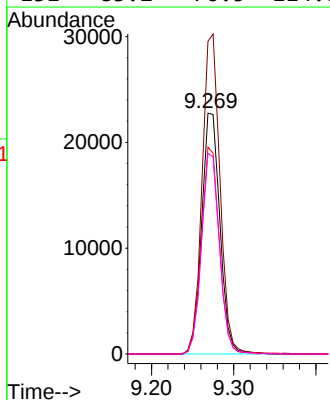
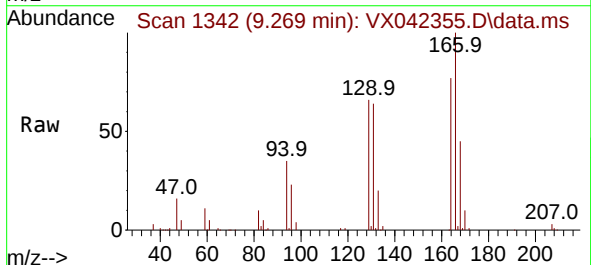
Manual Integrations
APPROVED

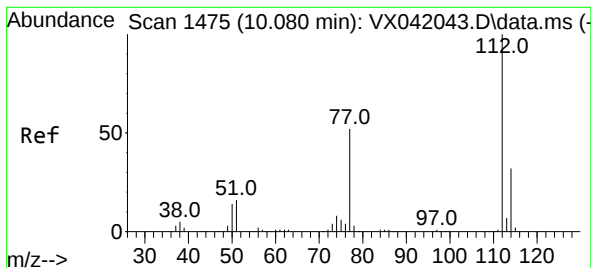
Reviewed By :John Carlone 07/18/2024
Supervised By :Mahesh Dadoda 07/18/2024



#64
Tetrachloroethene
Concen: 20.082 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX042355.D
Acq: 17 Jul 2024 12:22

Tgt Ion:164 Resp: 35108
Ion Ratio Lower Upper
164 100
166 129.8 102.7 154.1
129 85.8 80.4 120.6
131 83.2 76.5 114.7





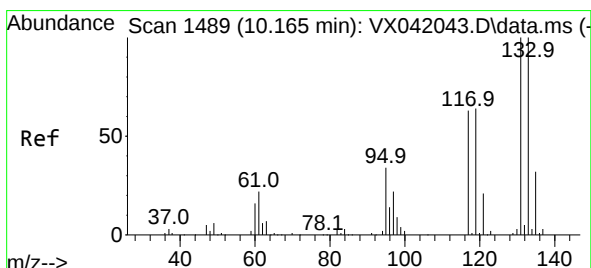
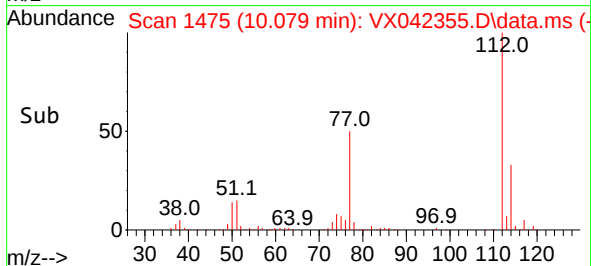
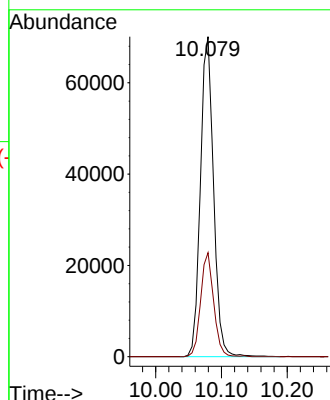
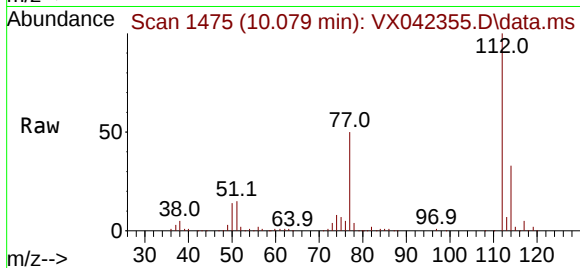
#65
Chlorobenzene
Concen: 19.536 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX042355.D
Acq: 17 Jul 2024 12:22

Instrument :
MSVOA_X
ClientSampleId :
VX0717WBS01

Tgt Ion:112 Resp: 97560
Ion Ratio Lower Upper
112 100
114 32.5 25.7 38.5

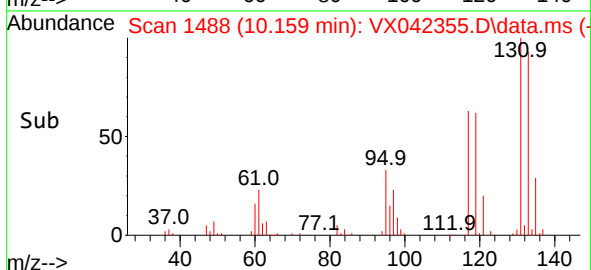
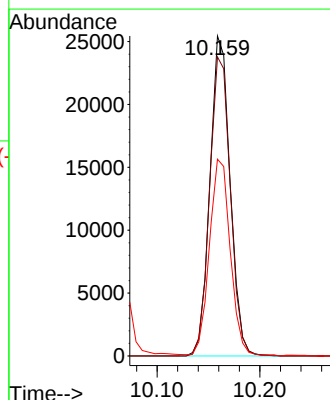
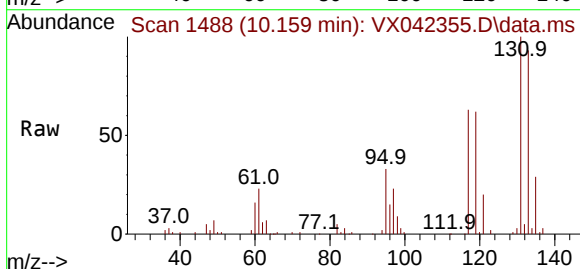
Manual Integrations
APPROVED

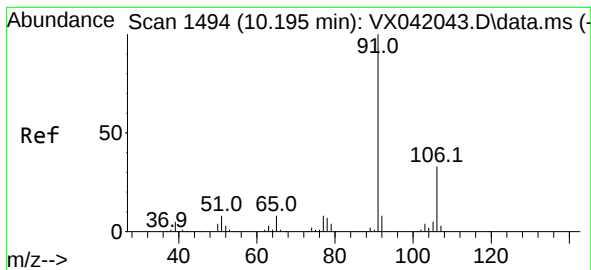
Reviewed By :John Carlone 07/18/2024
Supervised By :Mahesh Dadoda 07/18/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 19.847 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX042355.D
Acq: 17 Jul 2024 12:22

Tgt Ion:131 Resp: 34700
Ion Ratio Lower Upper
131 100
133 96.1 47.1 141.4
119 63.7 32.2 96.6





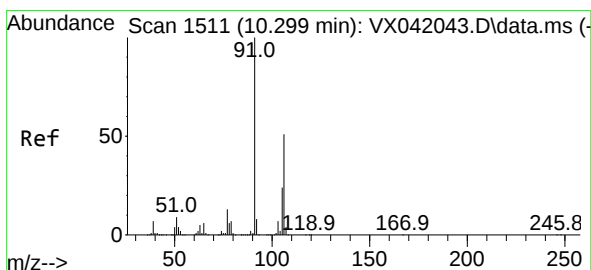
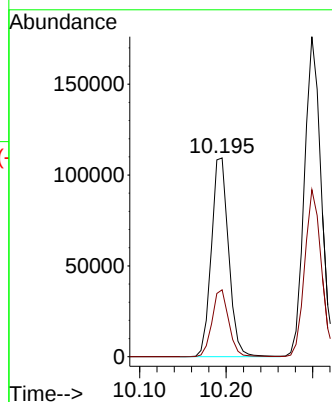
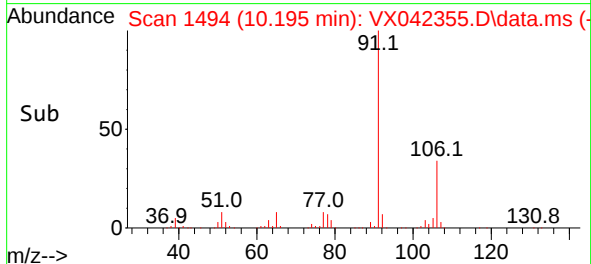
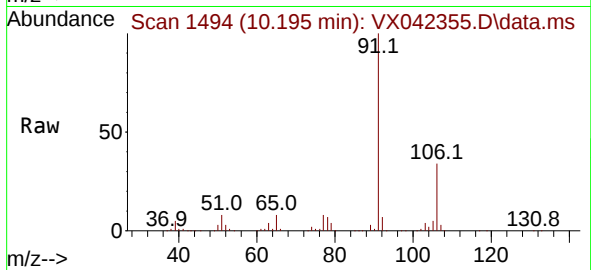
#67
Ethyl Benzene
Concen: 19.349 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX042355.D
Acq: 17 Jul 2024 12:22

Instrument :
MSVOA_X
ClientSampleId :
VX0717WBS01

Tgt Ion: 91 Resp: 151420
Ion Ratio Lower Upper
91 100
106 33.7 24.9 37.3

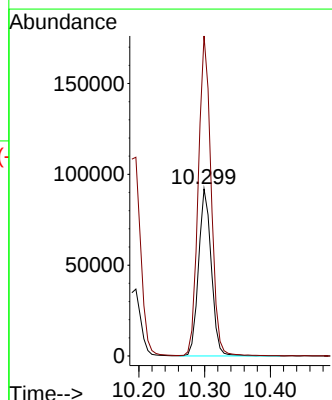
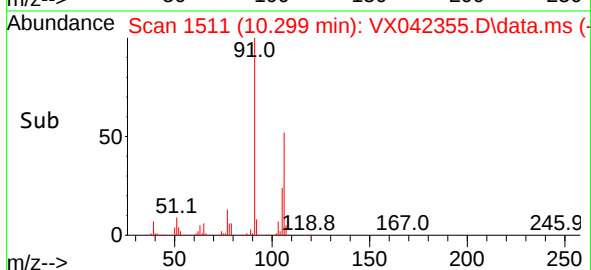
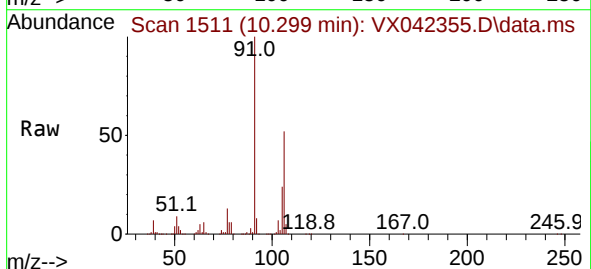
Manual Integrations
APPROVED

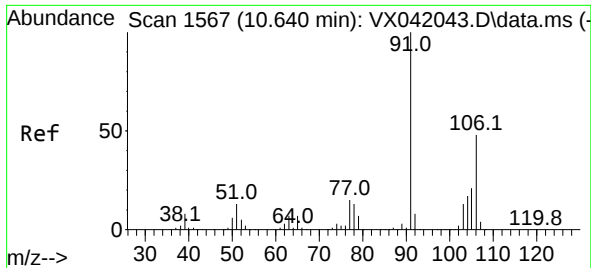
Reviewed By :John Carlone 07/18/2024
Supervised By :Mahesh Dadoda 07/18/2024



#68
m/p-Xylenes
Concen: 39.193 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX042355.D
Acq: 17 Jul 2024 12:22

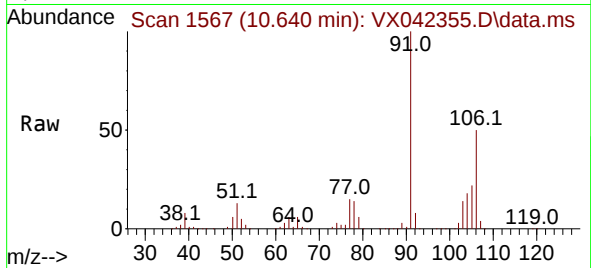
Tgt Ion:106 Resp: 123818
Ion Ratio Lower Upper
106 100
91 191.9 165.5 248.3





#69
o-Xylene
Concen: 18.908 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX042355.D
Acq: 17 Jul 2024 12:22

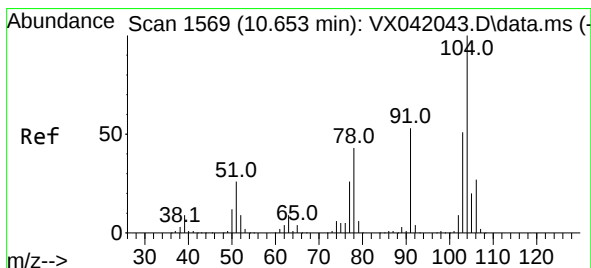
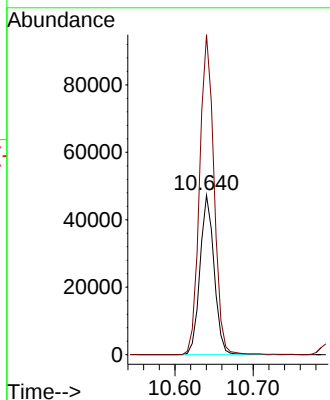
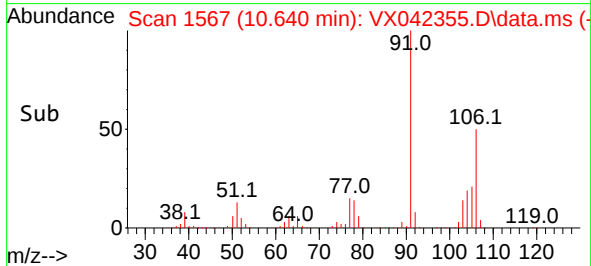
Instrument :
MSVOA_X
ClientSampleId :
VX0717WBS01



Tgt Ion:106 Resp: 59138
Ion Ratio Lower Upper
106 100
91 205.3 108.9 326.8

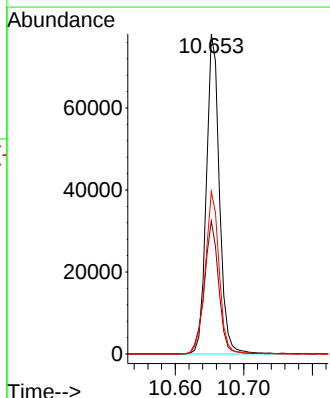
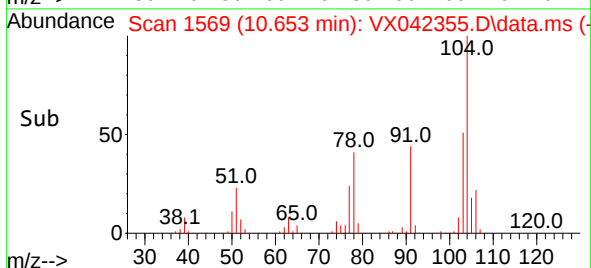
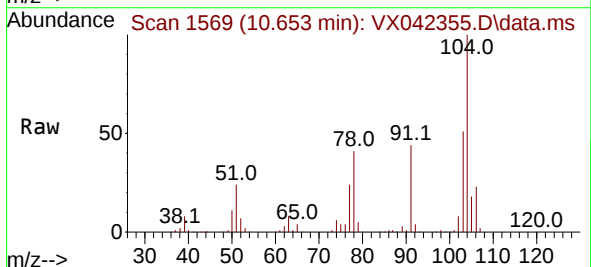
Manual Integrations
APPROVED

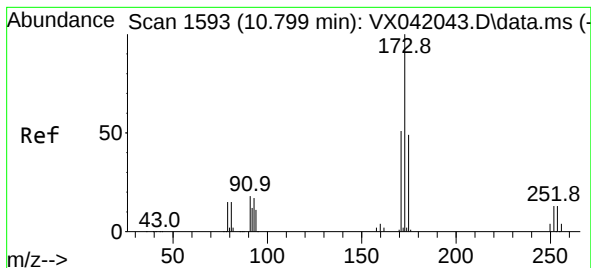
Reviewed By :John Carlone 07/18/2024
Supervised By :Mahesh Dadoda 07/18/2024



#70
Styrene
Concen: 19.760 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VX042355.D
Acq: 17 Jul 2024 12:22

Tgt Ion:104 Resp: 103638
Ion Ratio Lower Upper
104 100
78 45.7 43.6 65.4
103 54.2 43.6 65.4





#71

Bromoform

Concen: 19.390 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX042355.D

Acq: 17 Jul 2024 12:22

Instrument :

MSVOA_X

ClientSampleId :

VX0717WBS01

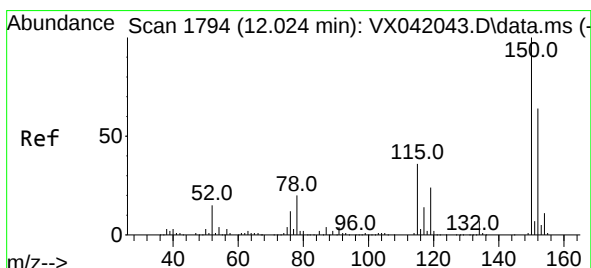
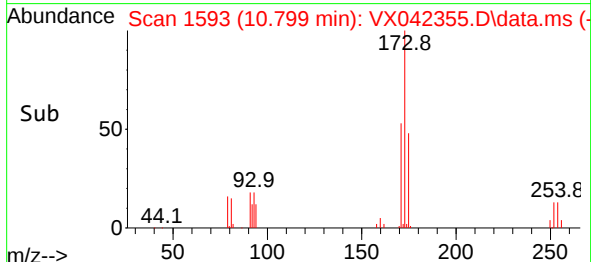
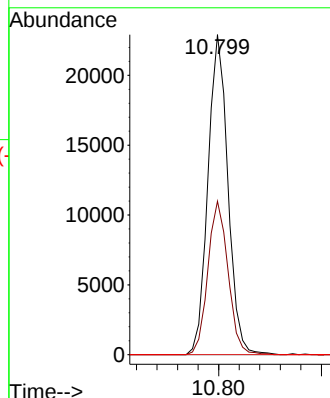
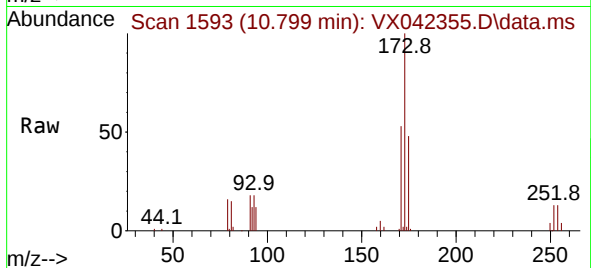
Tgt Ion:173	Resp:	30964
Ion Ratio	Lower	Upper
173	100	
175	48.5	24.1 72.4
254	0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2024

Supervised By :Mahesh Dadoda 07/18/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

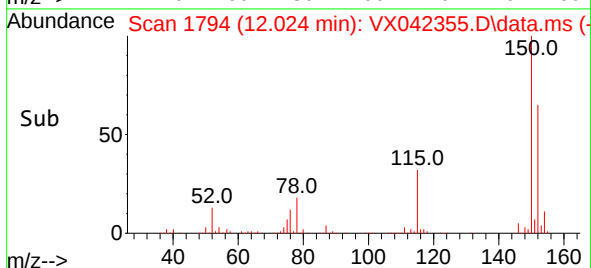
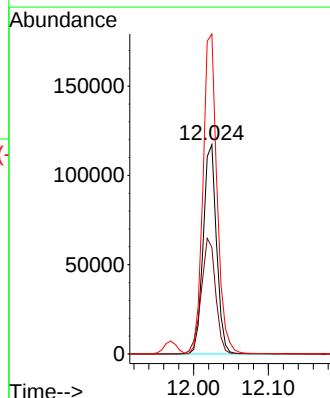
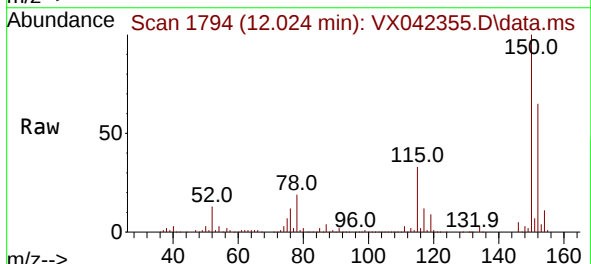
RT: 12.024 min Scan# 1794

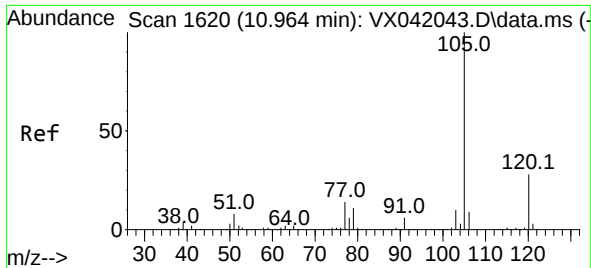
Delta R.T. 0.000 min

Lab File: VX042355.D

Acq: 17 Jul 2024 12:22

Tgt Ion:152	Resp:	145314
Ion Ratio	Lower	Upper
152	100	
115	60.1	43.3 129.9
150	160.7	0.0 345.0





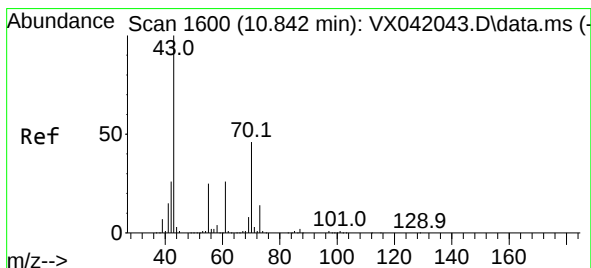
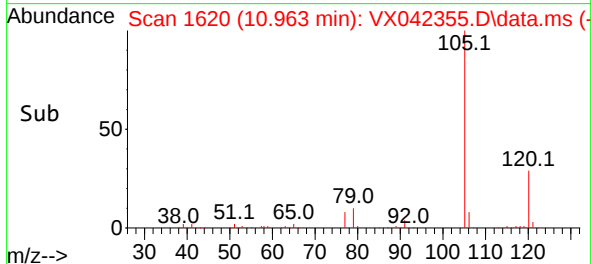
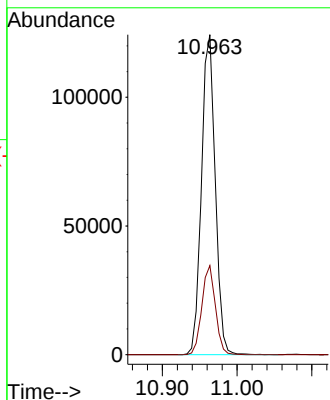
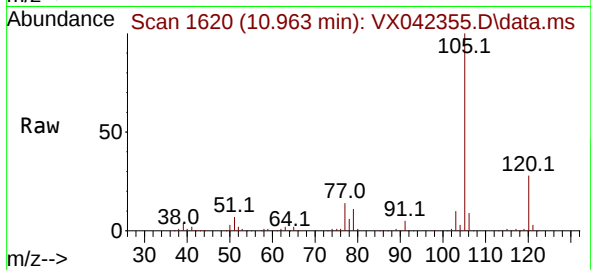
#73
Isopropylbenzene
Concen: 17.964 ug/l
RT: 10.963 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX042355.D
Acq: 17 Jul 2024 12:22

Instrument :
MSVOA_X
ClientSampleId :
VX0717WBS01

Tgt Ion:105 Resp: 15872
Ion Ratio Lower Upper
105 100
120 27.3 12.9 38.6

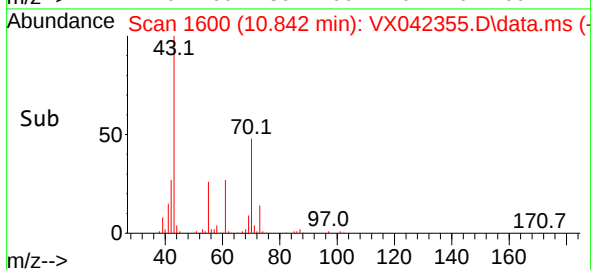
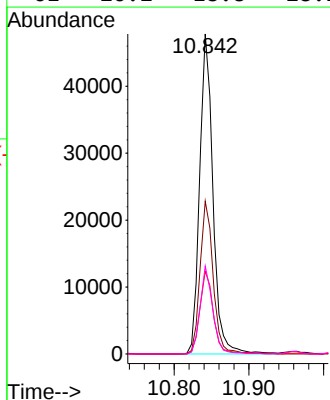
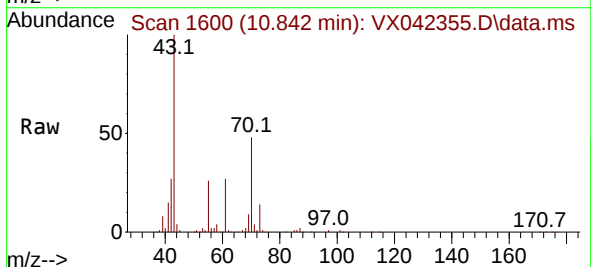
Manual Integrations
APPROVED

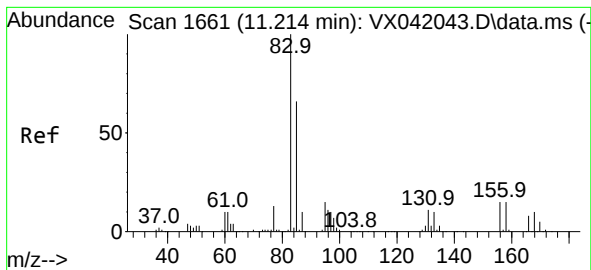
Reviewed By :John Carlone 07/18/2024
Supervised By :Mahesh Dadoda 07/18/2024



#74
N-ethyl acetate
Concen: 15.079 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX042355.D
Acq: 17 Jul 2024 12:22

Tgt Ion: 43 Resp: 59182
Ion Ratio Lower Upper
43 100
70 47.4 32.9 49.3
55 26.3 19.3 28.9
61 26.2 18.8 28.2





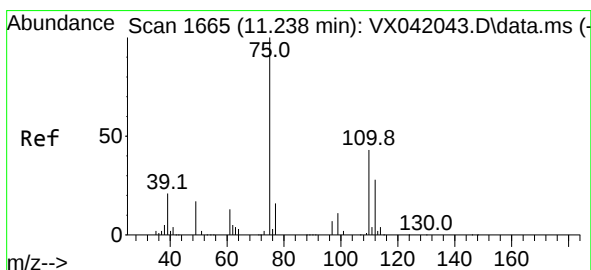
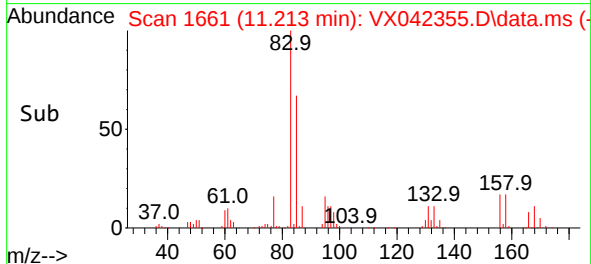
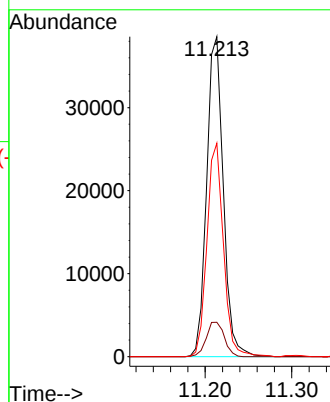
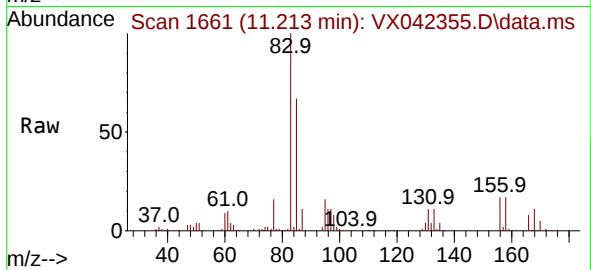
#75
1,1,2,2-Tetrachloroethane
Concen: 15.636 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX042355.D
Acq: 17 Jul 2024 12:22

Instrument :
MSVOA_X
ClientSampleId :
VX0717WBS01

Tgt Ion: 83 Resp: 5137
Ion Ratio Lower Upper
83 100
131 11.8 5.3 15.8
85 66.2 32.0 96.2

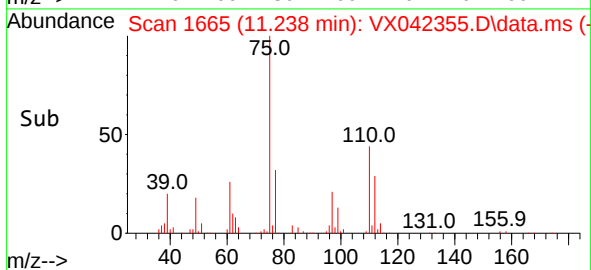
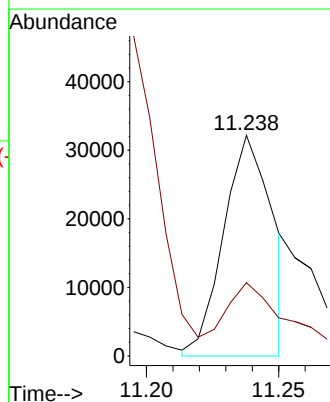
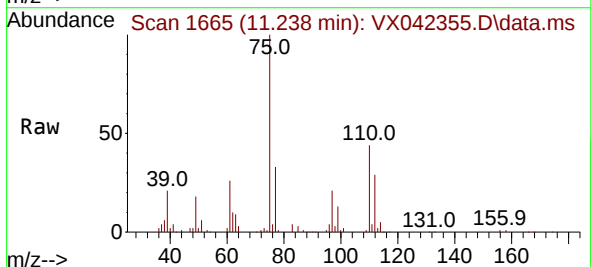
Manual Integrations
APPROVED

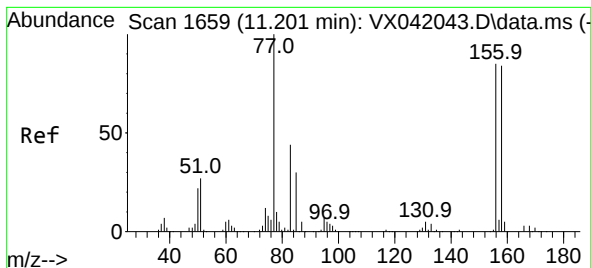
Reviewed By :John Carlone 07/18/2024
Supervised By :Mahesh Dadoda 07/18/2024



#76
1,2,3-Trichloropropane
Concen: 15.620 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX042355.D
Acq: 17 Jul 2024 12:22

Tgt Ion: 75 Resp: 41206
Ion Ratio Lower Upper
75 100
77 43.5 19.1 57.5





#77

Bromobenzene

Concen: 17.685 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.006 min

Lab File: VX042355.D

Acq: 17 Jul 2024 12:22

Instrument :

MSVOA_X

ClientSampleId :

VX0717WBS01

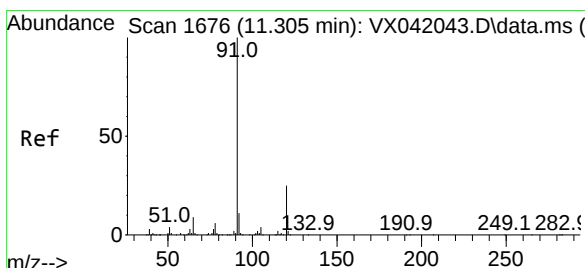
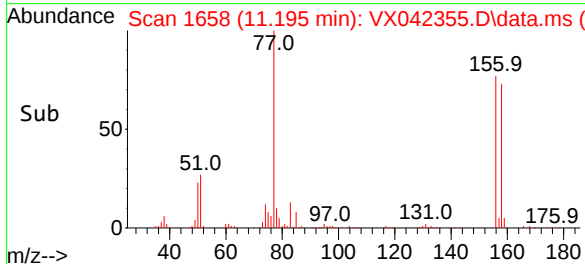
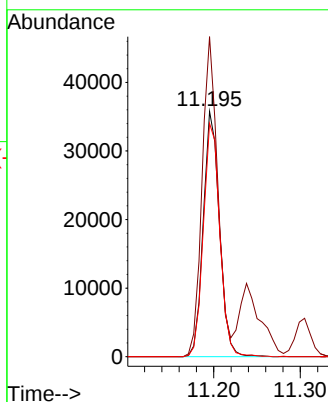
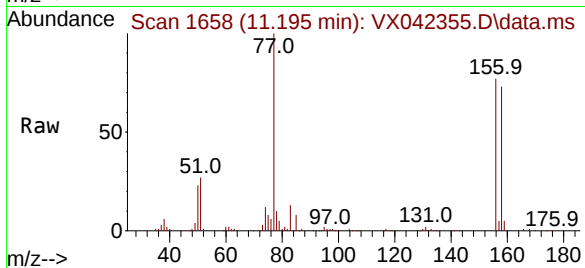
Tgt Ion:	156	Resp:	46539
Ion Ratio	Lower	Upper	
156	100		
77	126.0	88.4	265.3
158	96.8	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2024

Supervised By :Mahesh Dadoda 07/18/2024



#78

n-propylbenzene

Concen: 18.348 ug/l

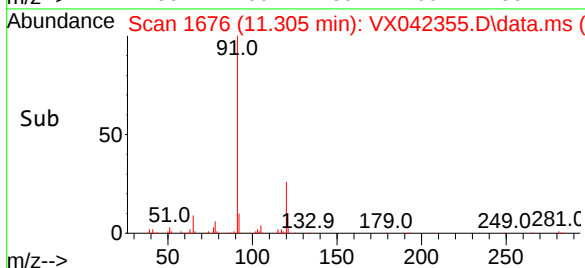
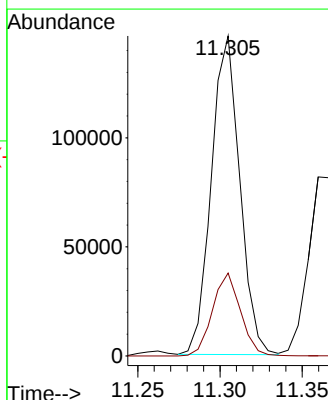
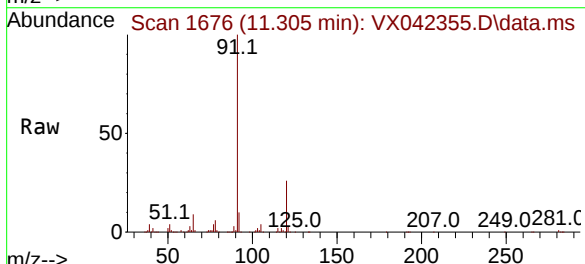
RT: 11.305 min Scan# 1676

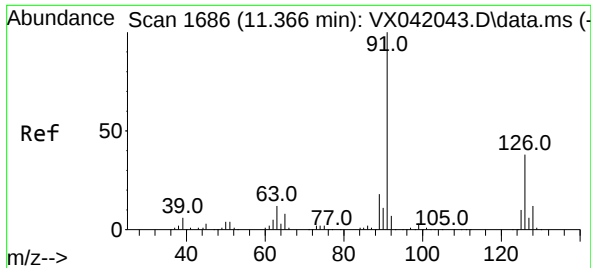
Delta R.T. 0.000 min

Lab File: VX042355.D

Acq: 17 Jul 2024 12:22

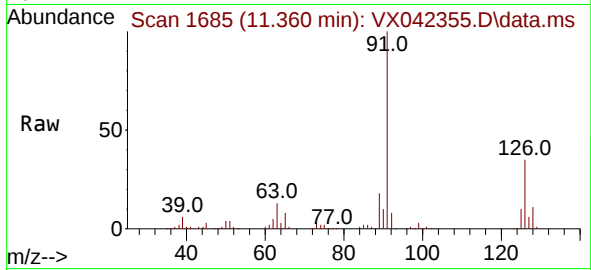
Tgt Ion:	91	Resp:	175897
Ion Ratio	Lower	Upper	
91	100		
120	25.6	11.5	34.4





#79
2-Chlorotoluene
Concen: 17.482 ug/l
RT: 11.360 min Scan# 1686
Delta R.T. -0.006 min
Lab File: VX042355.D
Acq: 17 Jul 2024 12:22

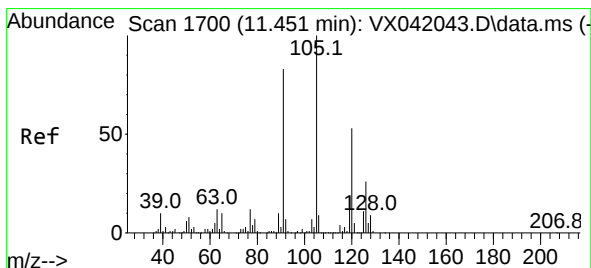
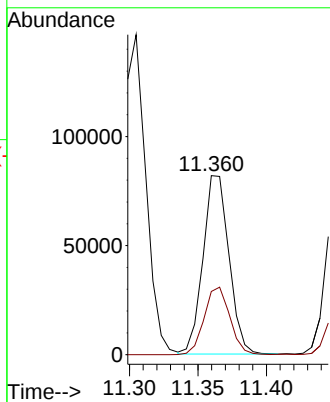
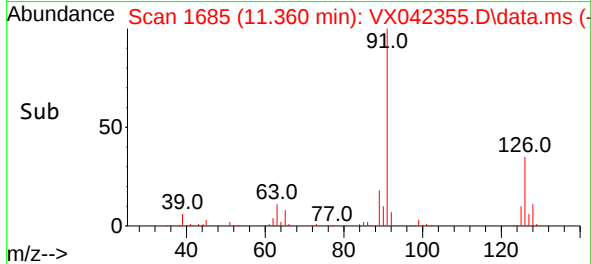
Instrument :
MSVOA_X
ClientSampleId :
VX0717WBS01



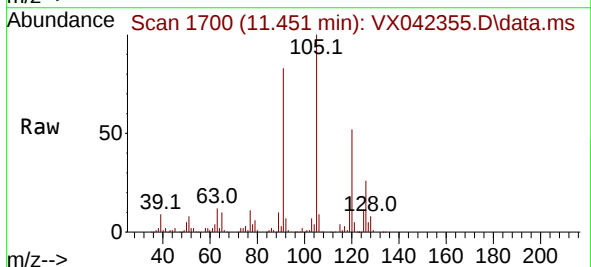
Tgt Ion: 91 Resp: 107985
Ion Ratio Lower Upper
91 100
126 37.3 16.3 48.8

Manual Integrations
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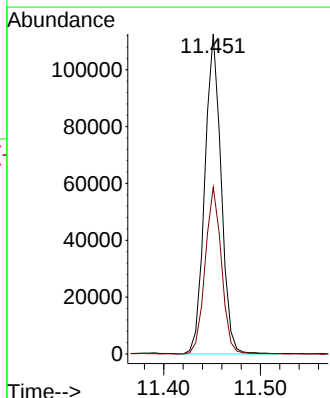
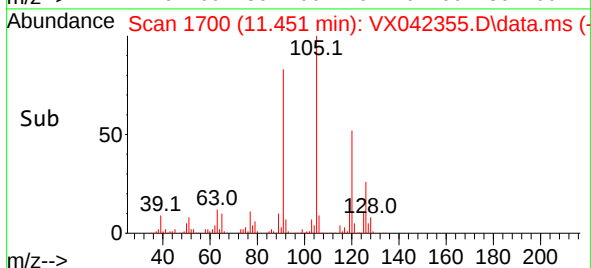
Reviewed By :John Carlone 07/18/2024
Supervised By :Mahesh Dadoda 07/18/2024

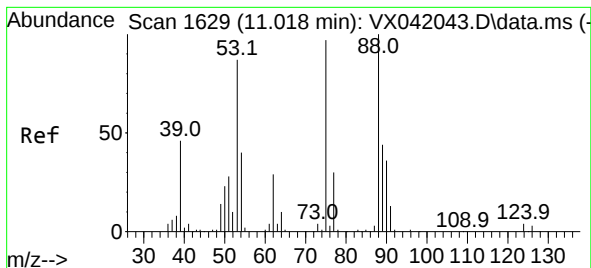


#80
1,3,5-Trimethylbenzene
Concen: 17.999 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX042355.D
Acq: 17 Jul 2024 12:22



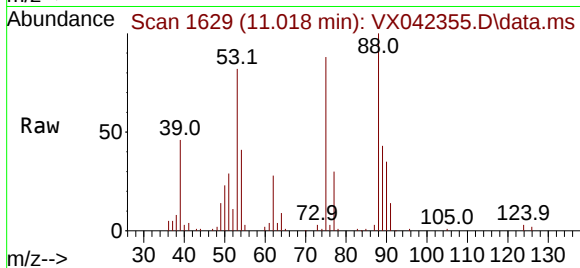
Tgt Ion:105 Resp: 132462
Ion Ratio Lower Upper
105 100
120 51.9 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 15.371 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX042355.D
Acq: 17 Jul 2024 12:22

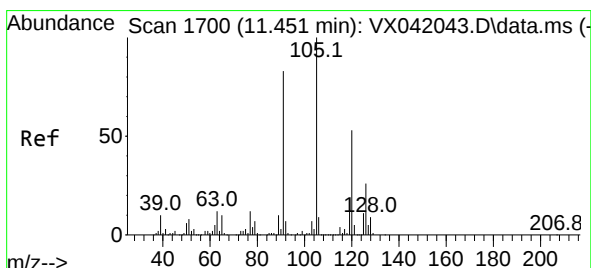
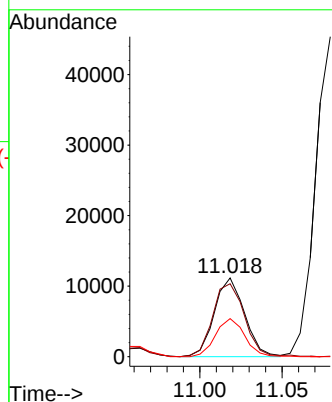
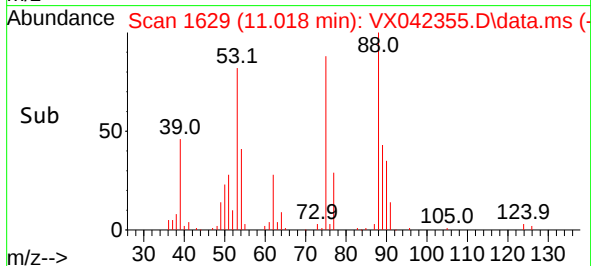
Instrument :
MSVOA_X
ClientSampleId :
VX0717WBS01



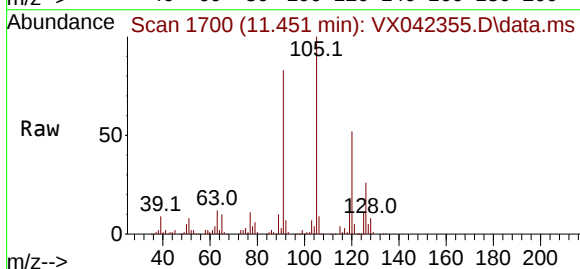
Tgt Ion: 75 Resp: 14278
Ion Ratio Lower Upper
75 100
53 97.9 90.5 135.7
89 46.8 36.9 55.3

Manual Integrations
APPROVED

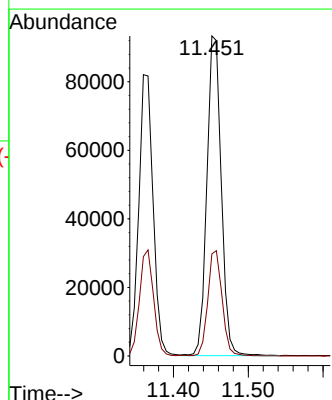
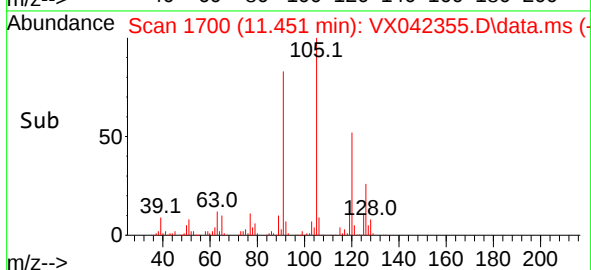
Reviewed By :John Carlone 07/18/2024
Supervised By :Mahesh Dadoda 07/18/2024

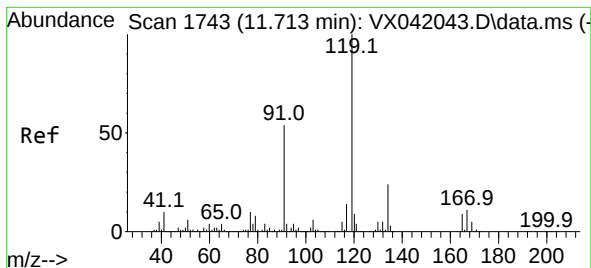


#82
4-Chlorotoluene
Concen: 18.282 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX042355.D
Acq: 17 Jul 2024 12:22



Tgt Ion: 91 Resp: 124829
Ion Ratio Lower Upper
91 100
126 32.8 14.2 42.6





#83

tert-Butylbenzene

Concen: 17.398 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX042355.D

Acq: 17 Jul 2024 12:22

Instrument :

MSVOA_X

ClientSampleId :

VX0717WBS01

Tgt Ion:119 Resp: 140492

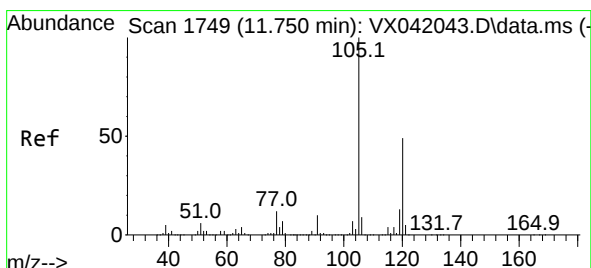
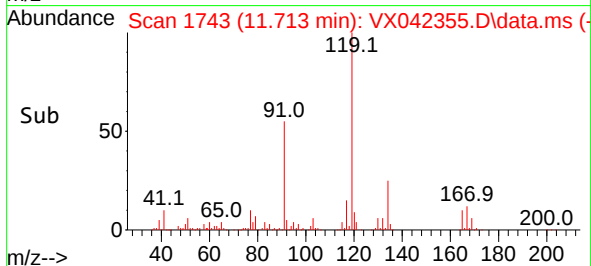
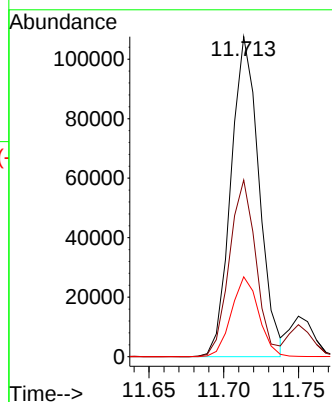
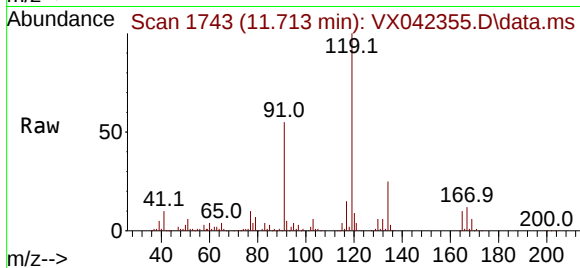
Ion	Ratio	Lower	Upper
119	100		
91	52.6	31.2	93.6
134	24.3	11.7	35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2024

Supervised By :Mahesh Dadoda 07/18/2024



#84

1,2,4-Trimethylbenzene

Concen: 18.132 ug/l

RT: 11.750 min Scan# 1749

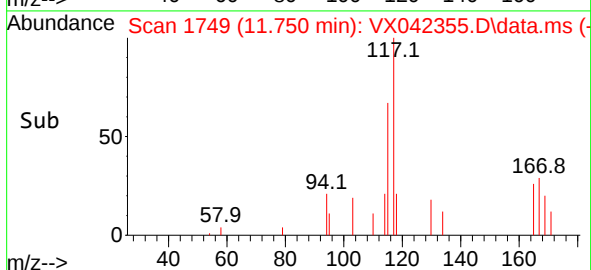
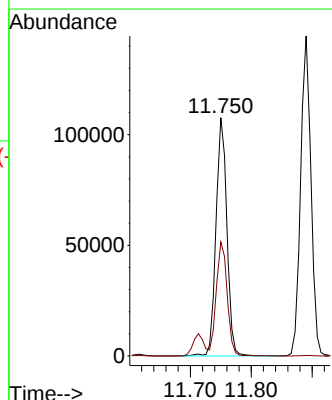
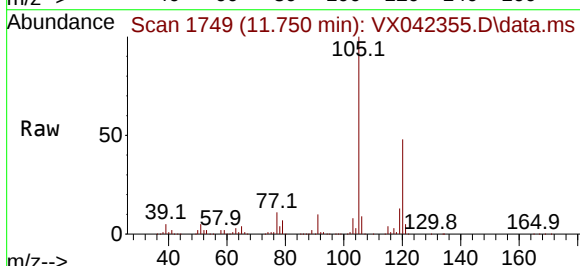
Delta R.T. 0.000 min

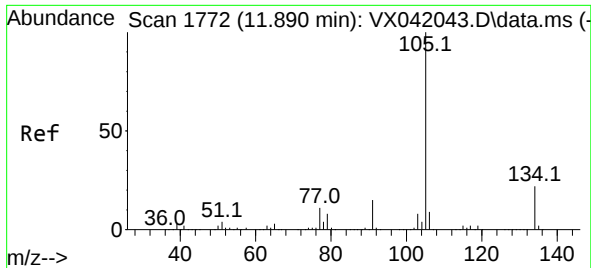
Lab File: VX042355.D

Acq: 17 Jul 2024 12:22

Tgt Ion:105 Resp: 133879

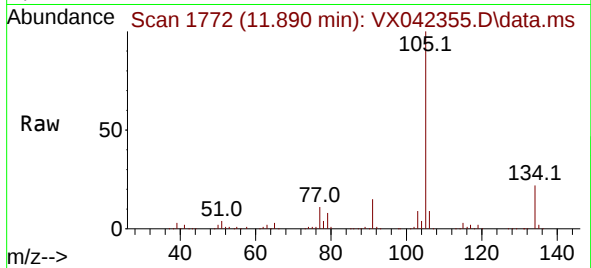
Ion	Ratio	Lower	Upper
105	100		
120	47.5	21.2	63.6





#85
 sec-Butylbenzene
 Concen: 18.694 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX042355.D
 Acq: 17 Jul 2024 12:22

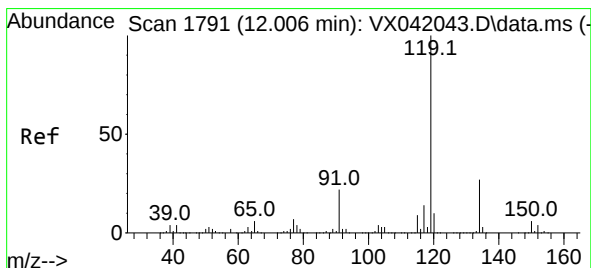
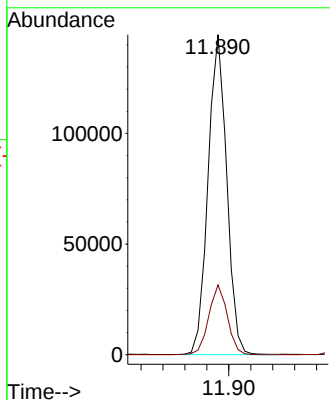
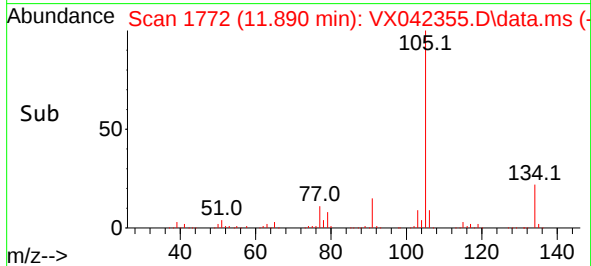
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0717WBS01



Tgt Ion:105 Resp: 17074
 Ion Ratio Lower Upper
 105 100
 134 21.7 9.8 29.4

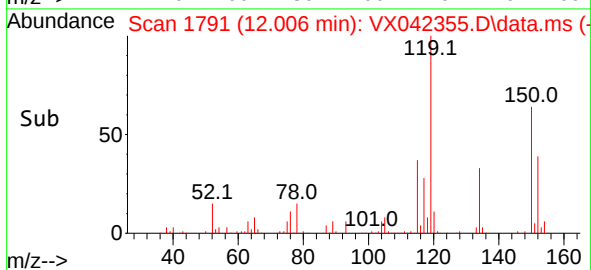
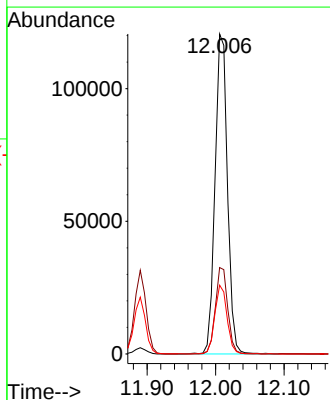
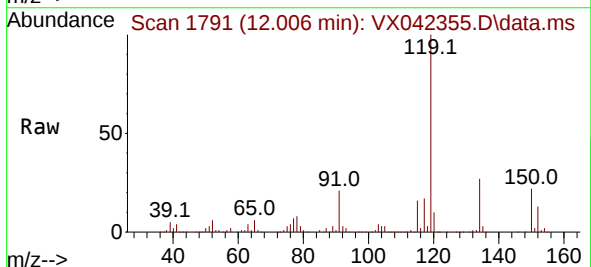
Manual Integrations
 APPROVED

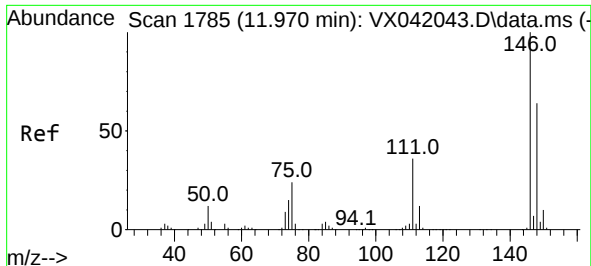
Reviewed By :John Carlone 07/18/2024
 Supervised By :Mahesh Dadoda 07/18/2024



#86
 p-Isopropyltoluene
 Concen: 19.002 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX042355.D
 Acq: 17 Jul 2024 12:22

Tgt Ion:119 Resp: 151610
 Ion Ratio Lower Upper
 119 100
 134 27.0 12.8 38.3
 91 21.3 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 18.410 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX042355.D

Acq: 17 Jul 2024 12:22

Instrument :

MSVOA_X

ClientSampleId :

VX0717WBS01

Tgt Ion:146 Resp: 85152

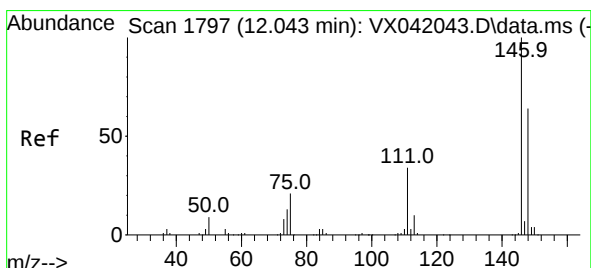
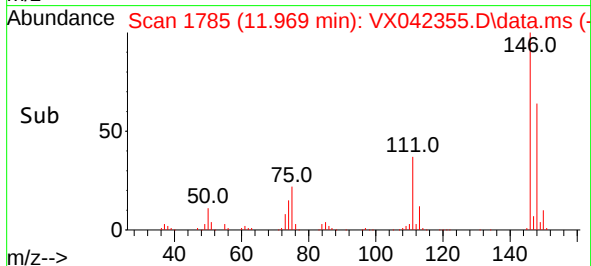
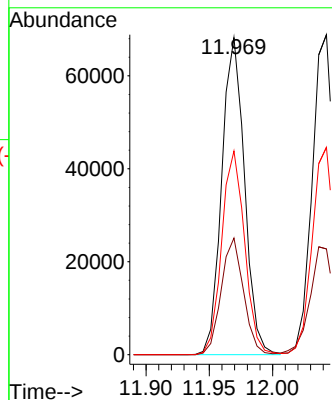
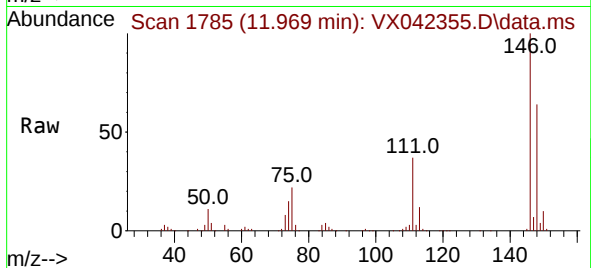
Ion	Ratio	Lower	Upper
146	100		
111	36.1	22.1	66.1
148	64.7	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2024

Supervised By :Mahesh Dadoda 07/18/2024



#88

1,4-Dichlorobenzene

Concen: 18.409 ug/l

RT: 12.043 min Scan# 1797

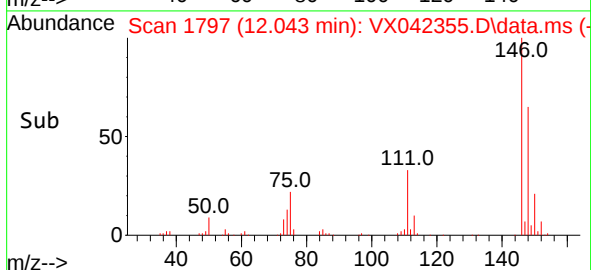
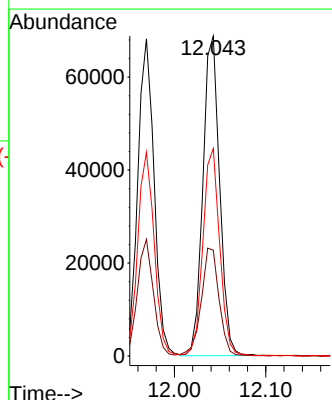
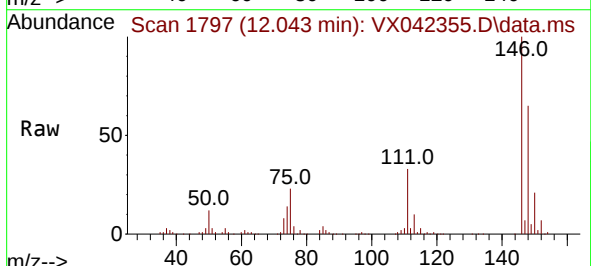
Delta R.T. 0.000 min

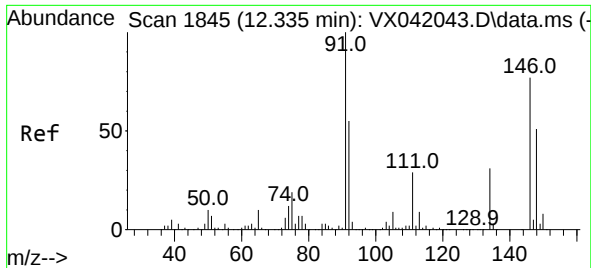
Lab File: VX042355.D

Acq: 17 Jul 2024 12:22

Tgt Ion:146 Resp: 87365

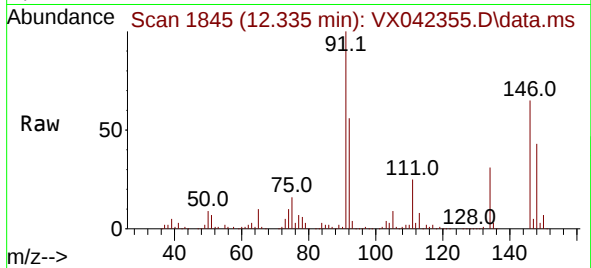
Ion	Ratio	Lower	Upper
146	100		
111	36.2	21.3	63.7
148	65.5	31.8	95.4





#89
n-Butylbenzene
Concen: 19.901 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX042355.D
Acq: 17 Jul 2024 12:22

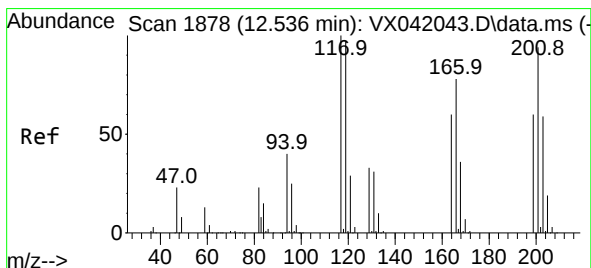
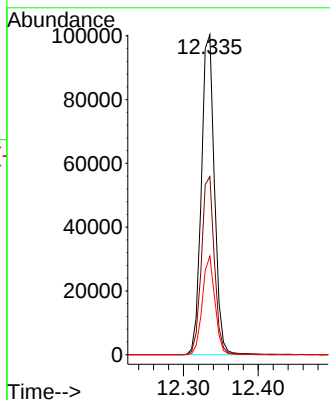
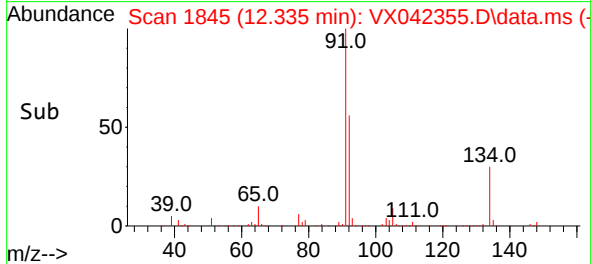
Instrument :
MSVOA_X
ClientSampleId :
VX0717WBS01



Tgt Ion: 91 Resp: 12222
Ion Ratio Lower Upper
91 100
92 55.4 27.4 82.0
134 29.7 12.6 37.8

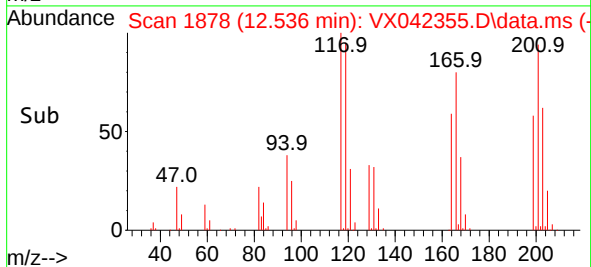
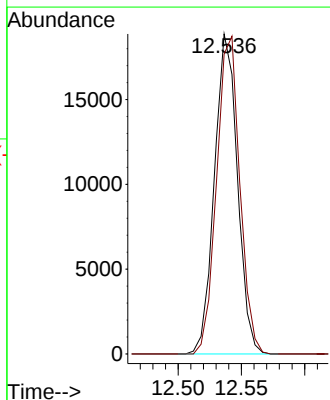
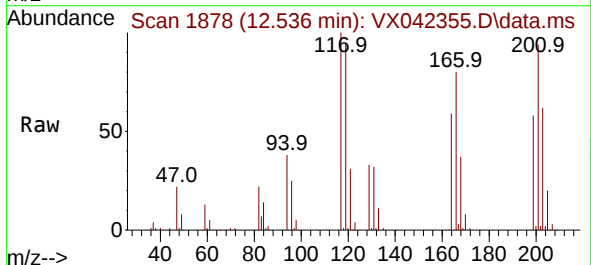
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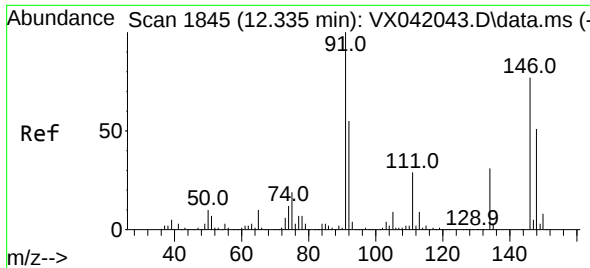
Reviewed By :John Carlone 07/18/2024
Supervised By :Mahesh Dadoda 07/18/2024



#90
Hexachloroethane
Concen: 17.530 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX042355.D
Acq: 17 Jul 2024 12:22

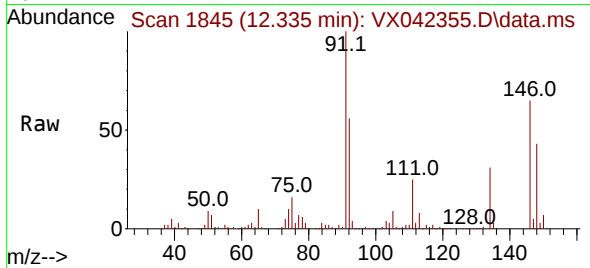
Tgt Ion:117 Resp: 23812
Ion Ratio Lower Upper
117 100
201 100.1 32.9 98.6#





#91
1,2-Dichlorobenzene
Concen: 17.602 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX042355.D
Acq: 17 Jul 2024 12:22

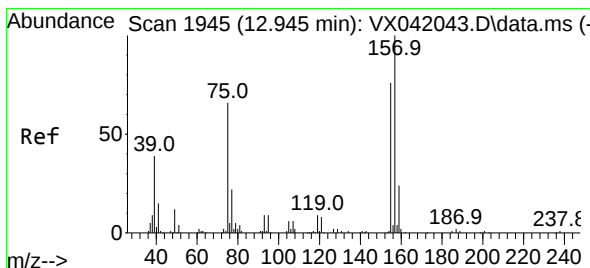
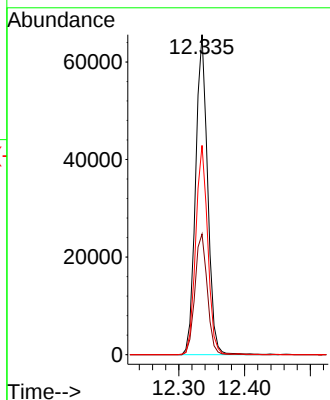
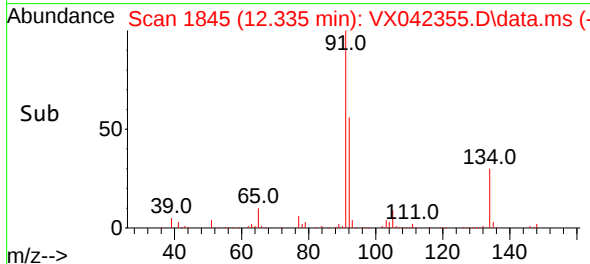
Instrument :
MSVOA_X
ClientSampleId :
VX0717WBS01



Tgt Ion:146 Resp: 83309
Ion Ratio Lower Upper
146 100
111 38.4 22.4 67.0
148 65.0 31.6 95.0

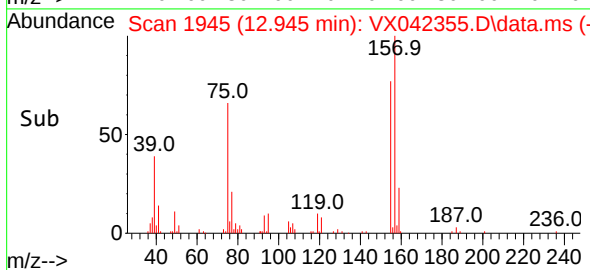
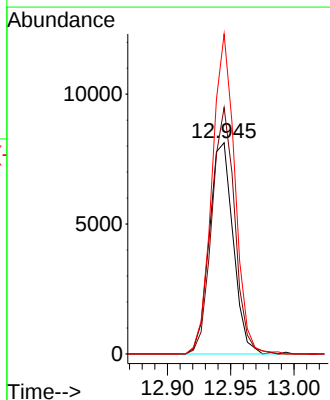
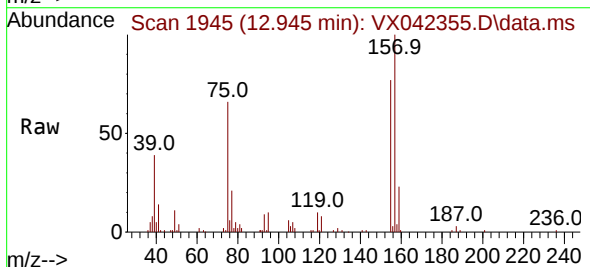
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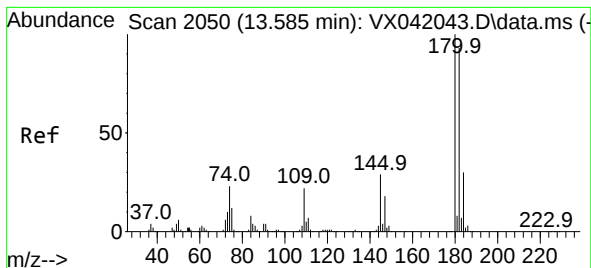
Reviewed By :John Carlone 07/18/2024
Supervised By :Mahesh Dadoda 07/18/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 16.378 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX042355.D
Acq: 17 Jul 2024 12:22

Tgt Ion: 75 Resp: 10663
Ion Ratio Lower Upper
75 100
155 111.2 36.1 108.5#
157 144.6 44.9 134.7#





#93

1,2,4-Trichlorobenzene

Concen: 20.188 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX042355.D

Acq: 17 Jul 2024 12:22

Instrument :

MSVOA_X

ClientSampleId :

VX0717WBS01

Tgt Ion:180 Resp: 62592

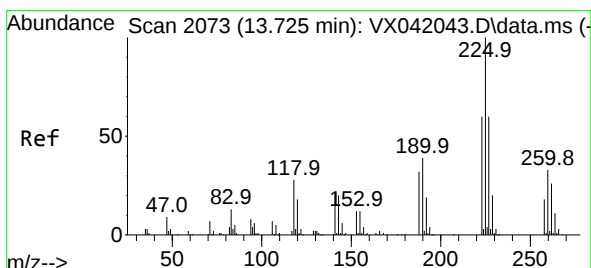
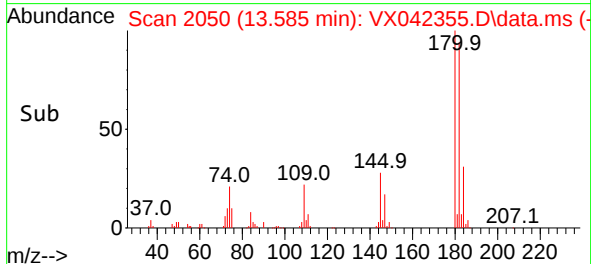
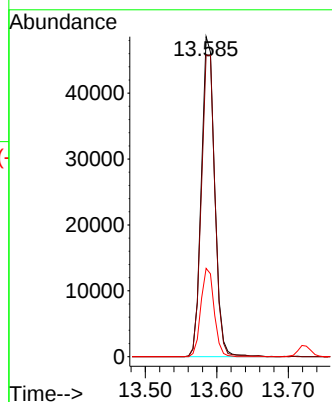
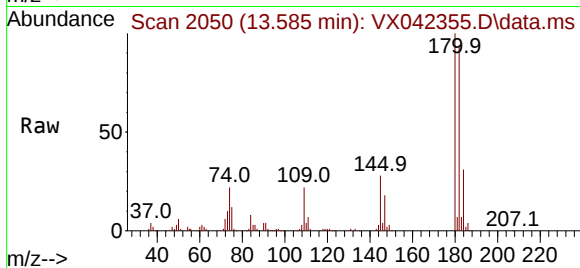
Ion	Ratio	Lower	Upper
180	100		
182	96.3	48.3	144.8
145	27.5	18.0	54.0

Manual Integrations

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Reviewed By :John Carlone 07/18/2024

Supervised By :Mahesh Dadoda 07/18/2024



#94

Hexachlorobutadiene

Concen: 19.458 ug/l

RT: 13.725 min Scan# 2073

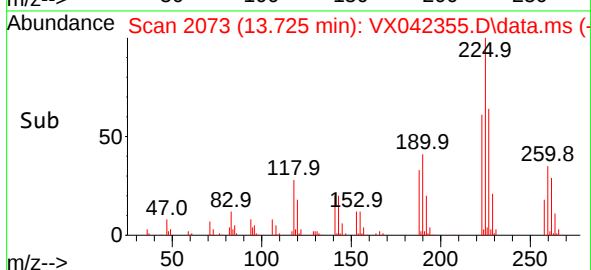
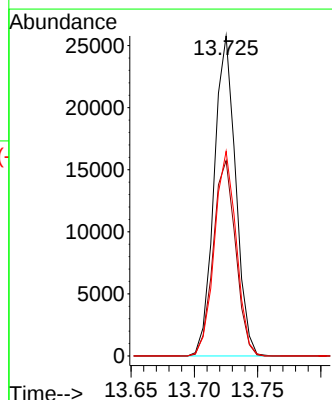
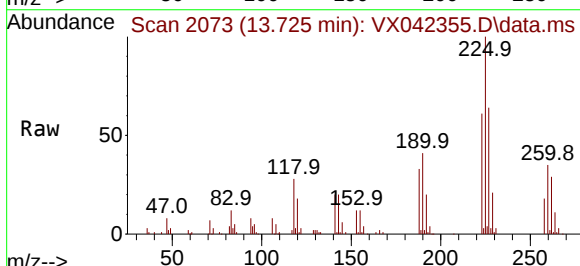
Delta R.T. 0.000 min

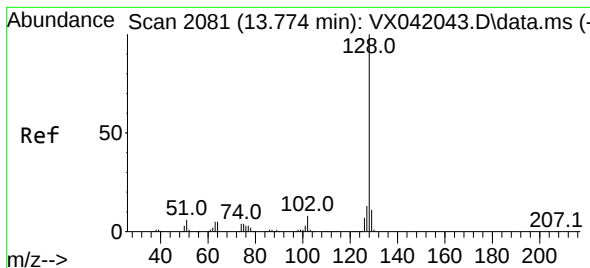
Lab File: VX042355.D

Acq: 17 Jul 2024 12:22

Tgt Ion:225 Resp: 30507

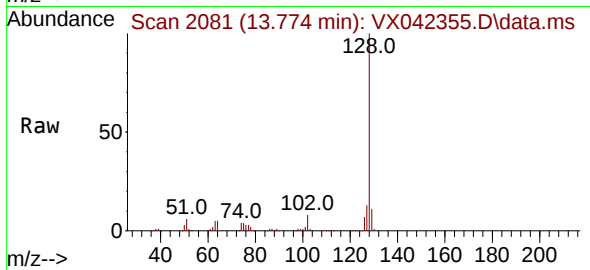
Ion	Ratio	Lower	Upper
225	100		
223	63.2	31.1	93.2
227	64.7	32.5	97.5





#95
Naphthalene
Concen: 16.912 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX042355.D
Acq: 17 Jul 2024 12:22

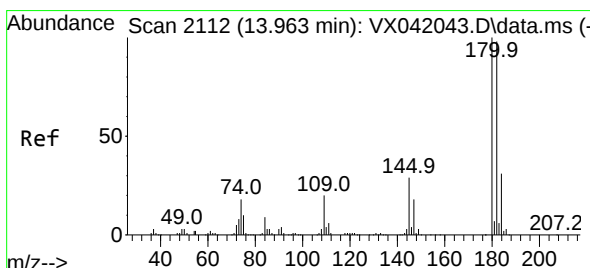
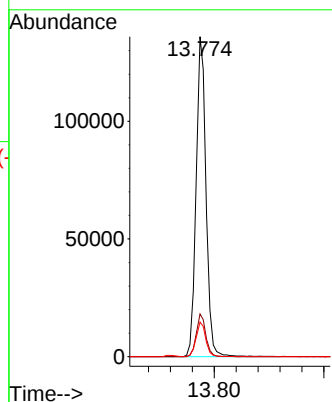
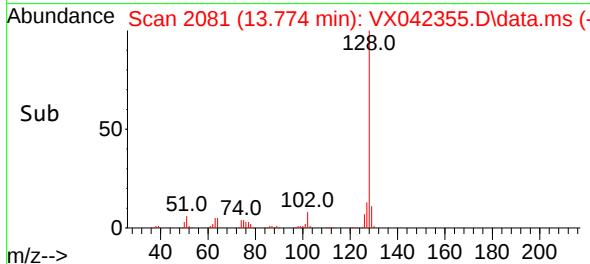
Instrument :
MSVOA_X
ClientSampleId :
VX0717WBS01



Tgt Ion:128 Resp: 17096
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.6 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/18/2024
Supervised By :Mahesh Dadoda 07/18/2024



#96
1,2,3-Trichlorobenzene
Concen: 19.273 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX042355.D
Acq: 17 Jul 2024 12:22

Tgt Ion:180 Resp: 63023
Ion Ratio Lower Upper
180 100
182 96.2 46.9 140.6
145 29.2 17.8 53.5

