

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062824\
 Data File : VX042084.D
 Acq On : 28 Jun 2024 14:26
 Operator : JC/MD
 Sample : VX0628WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0628WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/01/2024
 Supervised By : Mahesh Dadoda 07/01/2024

Quant Time: Jun 29 04:19:17 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	196502	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	278105	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	250995	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	135489	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	95809	42.283	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	84.560%		
35) Dibromofluoromethane	5.385	113	91221	46.228	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.460%		
50) Toluene-d8	8.647	98	315625	45.529	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	91.060%#		
62) 4-Bromofluorobenzene	11.079	95	118634	46.424	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.840%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	33456	22.348	ug/l	98
3) Chloromethane	1.301	50	36615	19.496	ug/l	95
4) Vinyl Chloride	1.374	62	35786	19.009	ug/l	98
5) Bromomethane	1.599	94	18552	19.956	ug/l	96
6) Chloroethane	1.666	64	19874	23.780	ug/l	100
7) Trichlorofluoromethane	1.874	101	52111	21.127	ug/l	100
8) Diethyl Ether	2.136	74	20461	17.672	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.319	101	33372	19.641	ug/l #	85
10) Methyl Iodide	2.447	142	40033	18.957	ug/l #	86
11) Tert butyl alcohol	2.983	59	37000	86.040	ug/l #	92
12) 1,1-Dichloroethene	2.313	96	33279	19.636	ug/l #	78
13) Acrolein	2.240	56	41669	86.442	ug/l	96
14) Allyl chloride	2.660	41	51389	19.119	ug/l	89
15) Acrylonitrile	3.069	53	103133	91.817	ug/l	98
16) Acetone	2.386	43	100112	100.618	ug/l	90
17) Carbon Disulfide	2.502	76	69423	20.089	ug/l	97
18) Methyl Acetate	2.709	43	42573	15.685	ug/l	94
19) Methyl tert-butyl Ether	3.117	73	105669	18.872	ug/l	98
20) Methylene Chloride	2.788	84	42690	19.595	ug/l	87
21) trans-1,2-Dichloroethene	3.087	96	33183	19.291	ug/l	85
22) Diisopropyl ether	3.764	45	104484	18.390	ug/l	94
23) Vinyl Acetate	3.721	43	460113	94.827	ug/l #	94
24) 1,1-Dichloroethane	3.605	63	60368	18.973	ug/l	97
25) 2-Butanone	4.568	43	140995	91.087	ug/l	93
26) 2,2-Dichloropropane	4.471	77	44427	19.282	ug/l	92
27) cis-1,2-Dichloroethene	4.489	96	41376	19.206	ug/l	85
28) Bromochloromethane	4.898	49	25497	18.710	ug/l #	70
29) Tetrahydrofuran	5.013	42	88520	88.547	ug/l	91
30) Chloroform	5.093	83	61215	18.467	ug/l	100
31) Cyclohexane	5.465	56	52170	19.687	ug/l	93
32) 1,1,1-Trichloroethane	5.379	97	53175	19.198	ug/l	96
36) 1,1-Dichloropropene	5.690	75	40150	19.161	ug/l	93
37) Ethyl Acetate	4.721	43	53096	19.452	ug/l	97
38) Carbon Tetrachloride	5.672	117	45795	19.780	ug/l	97
39) Methylcyclohexane	7.379	83	53364	20.137	ug/l	92
40) Benzene	6.038	78	139339	19.716	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	26487	17.901	ug/l #	88
42) 1,2-Dichloroethane	6.086	62	43092	18.930	ug/l	91
43) Isopropyl Acetate	6.349	43	75279	17.967	ug/l #	93
44) Trichloroethene	7.123	130	37894	20.004	ug/l	85
45) 1,2-Dichloropropane	7.434	63	33888	19.501	ug/l	95
46) Dibromomethane	7.580	93	24633	19.455	ug/l #	75
47) Bromodichloromethane	7.824	83	43555	18.737	ug/l	98
48) Methyl methacrylate	7.696	41	37210	18.609	ug/l #	83
49) 1,4-Dioxane	7.665	88	19390	379.103	ug/l #	82
51) 4-Methyl-2-Pentanone	8.574	43	266783	92.435	ug/l	94
52) Toluene	8.720	92	90507	20.111	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	44059	18.780	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	49970	19.634	ug/l #	86
55) 1,1,2-Trichloroethane	9.153	97	36401	19.416	ug/l	98
56) Ethyl methacrylate	9.116	69	56819	19.481	ug/l #	85
57) 1,3-Dichloropropane	9.305	76	58245	19.230	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	137775	101.368	ug/l	92
59) 2-Hexanone	9.433	43	205352	92.897	ug/l	91
60) Dibromochloromethane	9.519	129	38336	18.825	ug/l	99
61) 1,2-Dibromoethane	9.610	107	38748	19.929	ug/l	99
64) Tetrachloroethene	9.269	164	38470	21.051	ug/l	91
65) Chlorobenzene	10.080	112	104249	19.971	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	35791	19.584	ug/l	98
67) Ethyl Benzene	10.195	91	165986	20.290	ug/l	97
68) m/p-Xylenes	10.299	106	134266	40.658	ug/l	91
69) o-Xylene	10.640	106	67688	20.703	ug/l	90
70) Styrene	10.653	104	110650	20.183	ug/l	94
71) Bromoform	10.799	173	30299	18.225	ug/l #	99
73) Isopropylbenzene	10.964	105	171472	20.814	ug/l	97
74) N-amyl acetate	10.842	43	67461	18.435	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.213	83	56717	18.516	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	45231m	18.389	ug/l	
77) Bromobenzene	11.195	156	49805	20.299	ug/l	76
78) n-propylbenzene	11.305	91	181169	20.268	ug/l	96
79) 2-Chlorotoluene	11.366	91	114749	19.925	ug/l	91
80) 1,3,5-Trimethylbenzene	11.451	105	140173	20.428	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	15599	18.010	ug/l	90
82) 4-Chlorotoluene	11.457	91	126541	19.876	ug/l	91
83) tert-Butylbenzene	11.713	119	149252	19.823	ug/l	91
84) 1,2,4-Trimethylbenzene	11.750	105	142491	20.698	ug/l	94
85) sec-Butylbenzene	11.890	105	175464	20.604	ug/l	96
86) p-Isopropyltoluene	12.006	119	152505	20.500	ug/l	94
87) 1,3-Dichlorobenzene	11.969	146	86285	20.007	ug/l	94
88) 1,4-Dichlorobenzene	12.043	146	85980	19.431	ug/l	95
89) n-Butylbenzene	12.329	91	110973	19.379	ug/l	96
90) Hexachloroethane	12.536	117	23328	18.419	ug/l #	53
91) 1,2-Dichlorobenzene	12.335	146	85909	19.467	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	11005	18.129	ug/l #	47
93) 1,2,4-Trichlorobenzene	13.585	180	55738	19.281	ug/l	95
94) Hexachlorobutadiene	13.725	225	28455	19.465	ug/l	97
95) Naphthalene	13.774	128	172851	18.276	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	59007	19.353	ug/l	96

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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

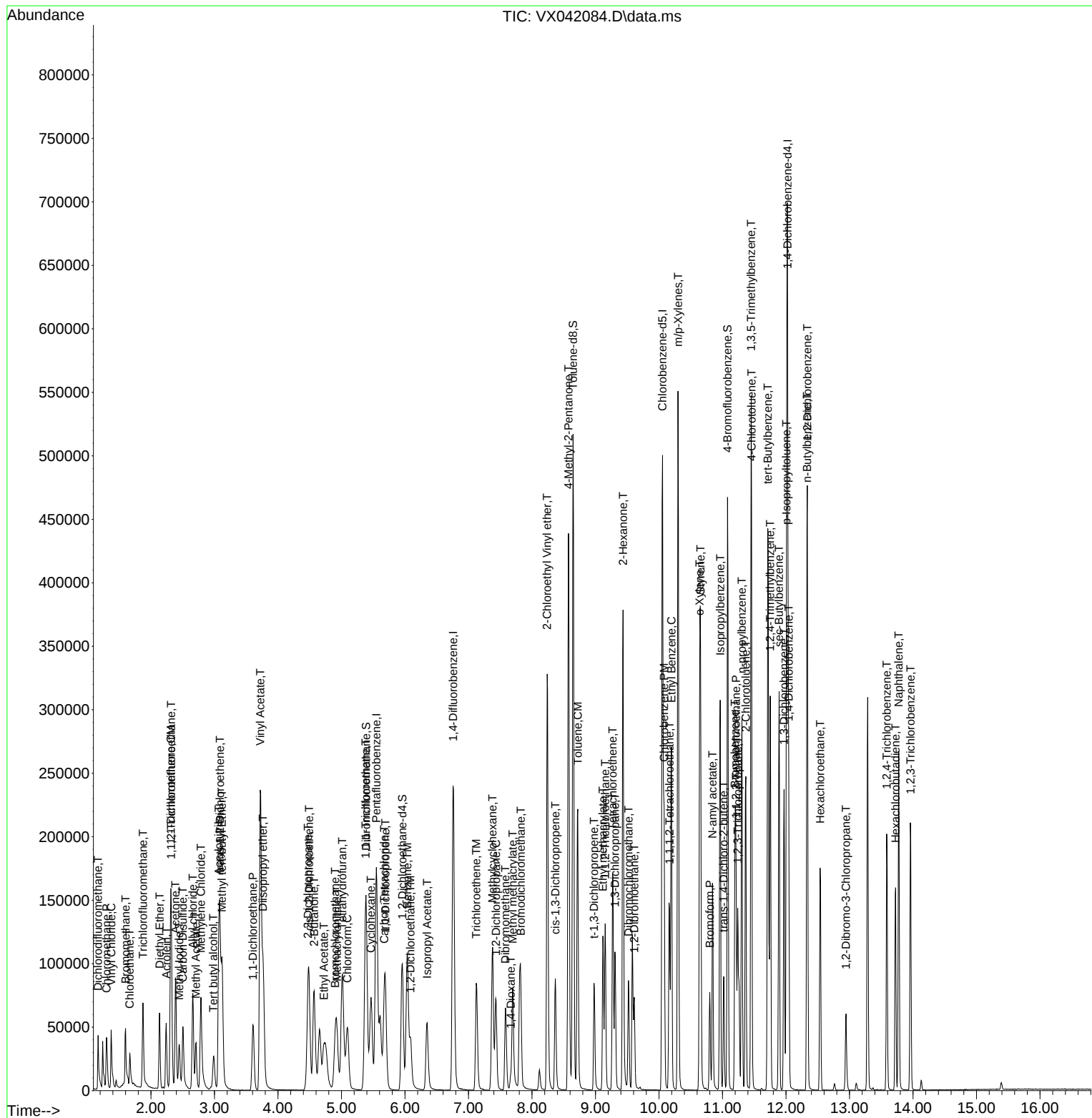
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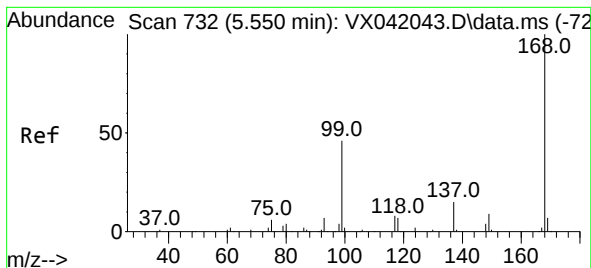
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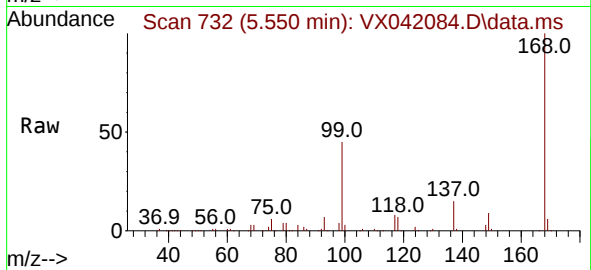
Reviewed By : John Carlone 07/01/2024
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX042084.D
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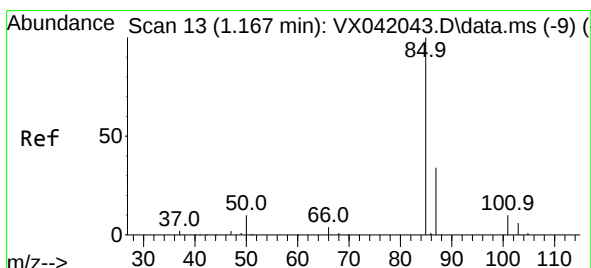
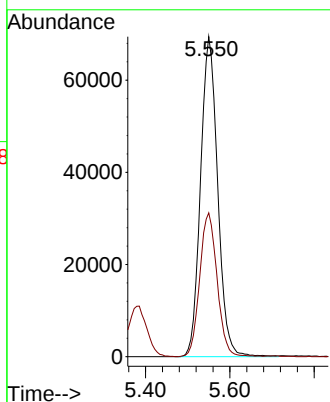
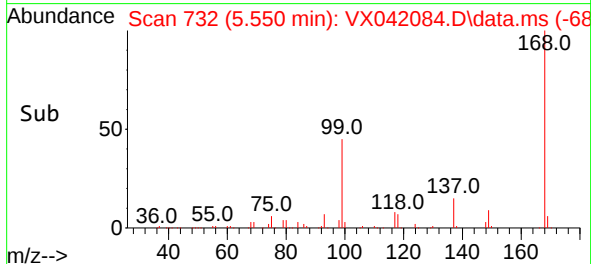
Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:168 Resp: 19650
Ion Ratio Lower Upper
168 100
99 45.0 56.6 85.0

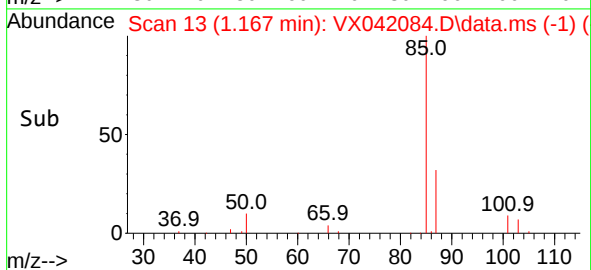
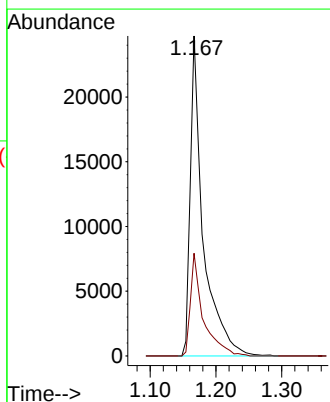
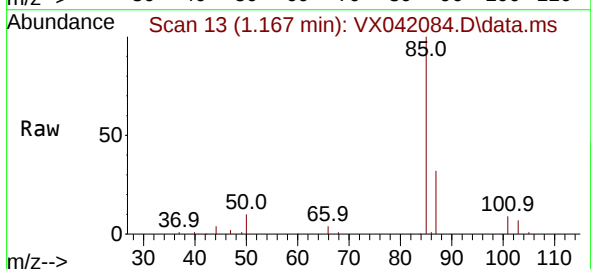
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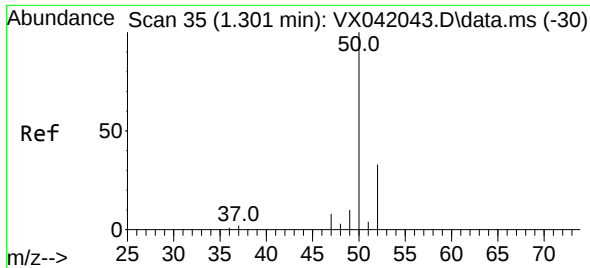
Reviewed By :John Carlone 07/01/2024
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#2
Dichlorodifluoromethane
Concen: 22.348 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX042084.D
Acq: 28 Jun 2024 14:26

Tgt Ion: 85 Resp: 33456
Ion Ratio Lower Upper
85 100
87 32.1 16.7 50.1





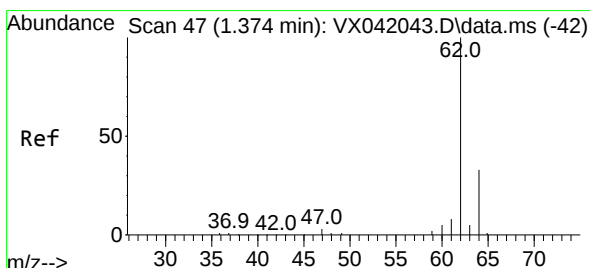
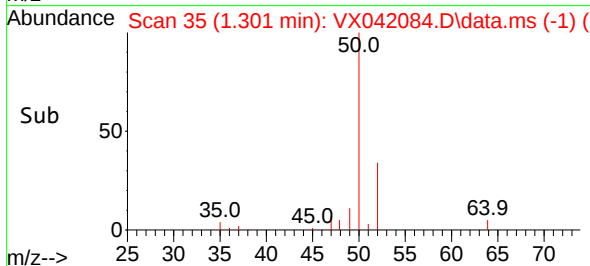
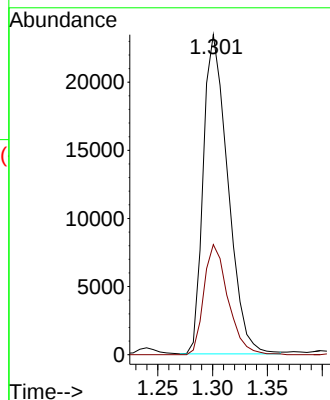
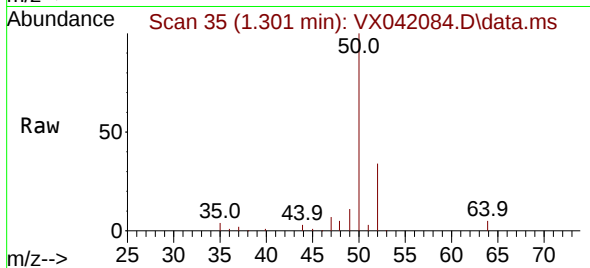
#3
Chloromethane
Concen: 19.496 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.006 min
Lab File: VX042084.D
Acq: 28 Jun 2024 14:26

Instrument :
MSVOA_X
ClientSampleId :
VX0628WBS01

Tgt Ion: 50 Resp: 3661
Ion Ratio Lower Upper
50 100
52 34.5 25.5 38.3

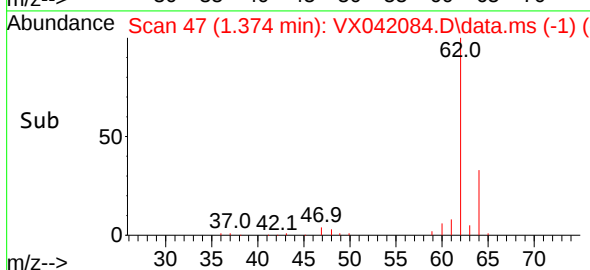
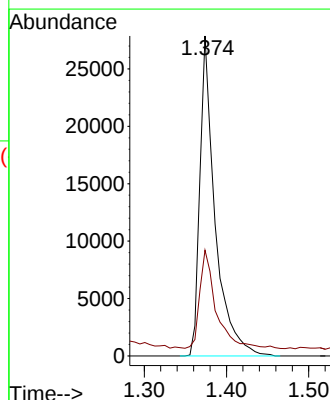
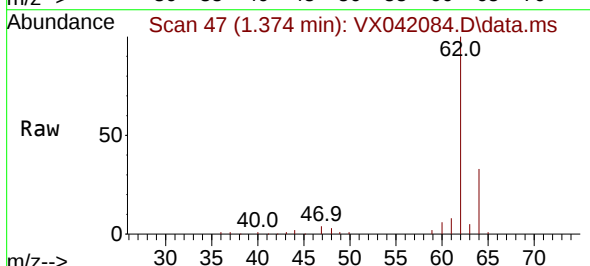
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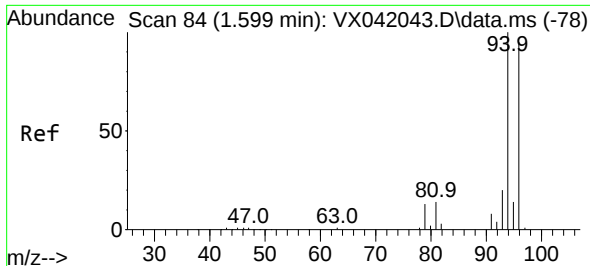
Reviewed By :John Carlone 07/01/2024
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#4
Vinyl Chloride
Concen: 19.009 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX042084.D
Acq: 28 Jun 2024 14:26

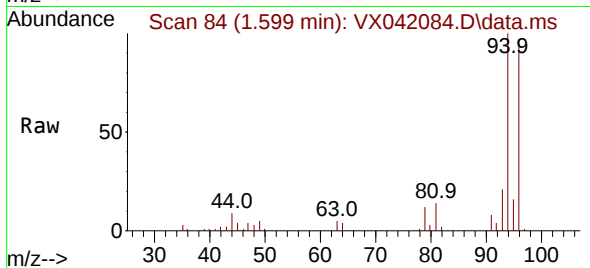
Tgt Ion: 62 Resp: 35786
Ion Ratio Lower Upper
62 100
64 30.7 25.4 38.0





#5
Bromomethane
Concen: 19.956 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX042084.D
Acq: 28 Jun 2024 14:26

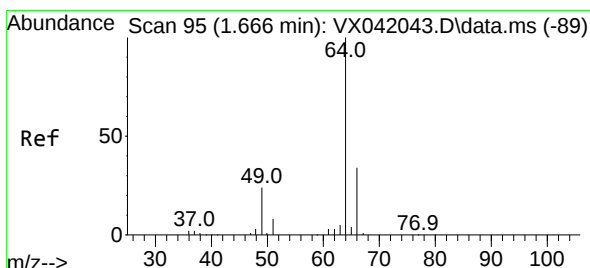
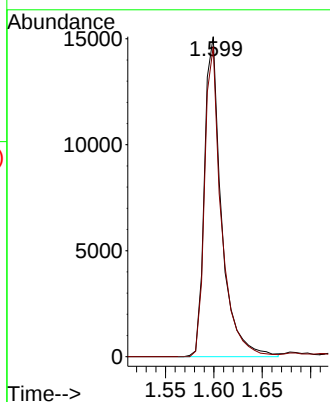
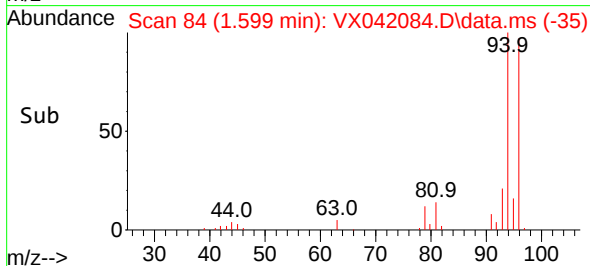
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Tgt Ion: 94 Resp: 18552
Ion Ratio Lower Upper
94 100
96 96.8 74.6 111.8

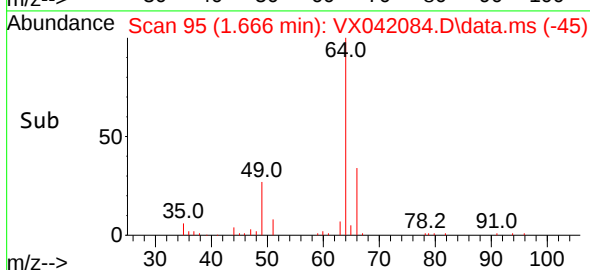
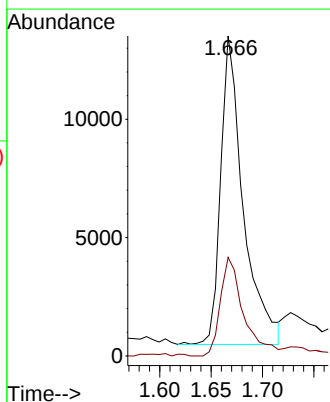
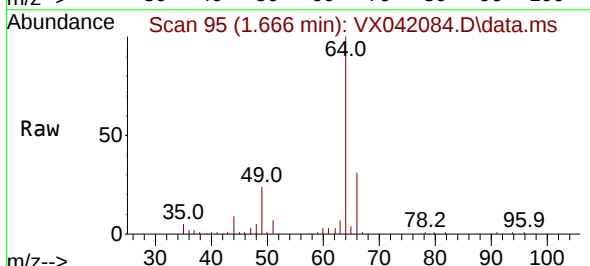
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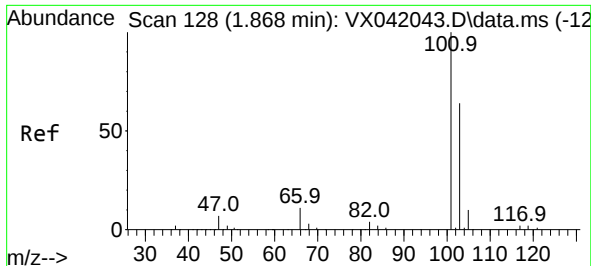
Reviewed By :John Carlone 07/01/2024
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#6
Chloroethane
Concen: 23.780 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.006 min
Lab File: VX042084.D
Acq: 28 Jun 2024 14:26

Tgt Ion: 64 Resp: 19874
Ion Ratio Lower Upper
64 100
66 31.4 25.1 37.7





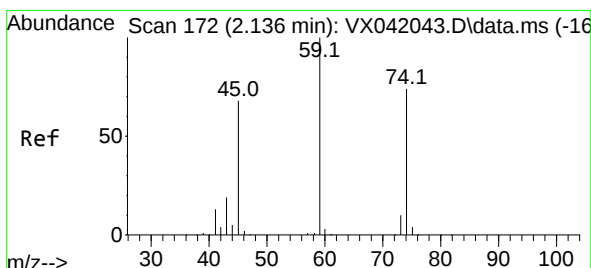
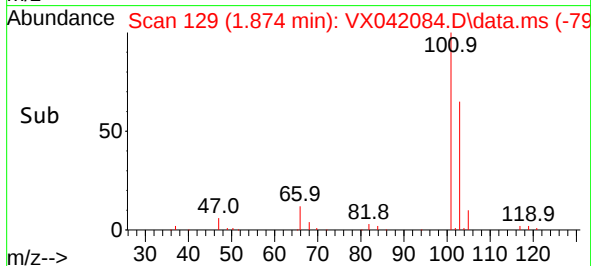
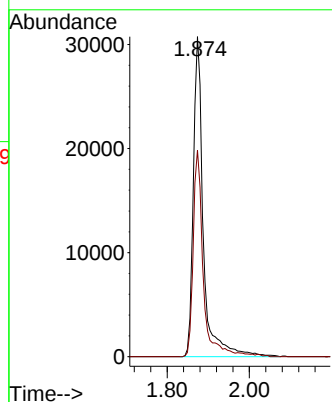
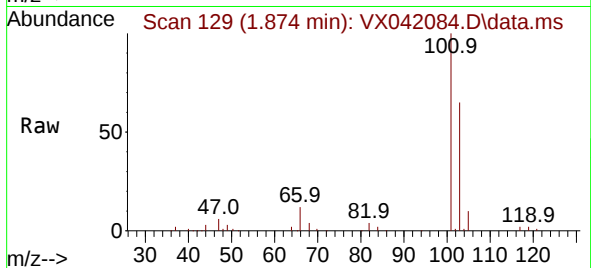
#7
Trichlorofluoromethane
Concen: 21.127 ug/l
RT: 1.874 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX042084.D
Acq: 28 Jun 2024 14:26

Instrument :
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Tgt Ion:101 Resp: 5211
Ion Ratio Lower Upper
101 100
103 64.5 51.4 77.2

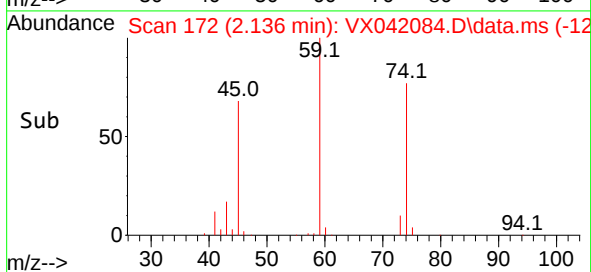
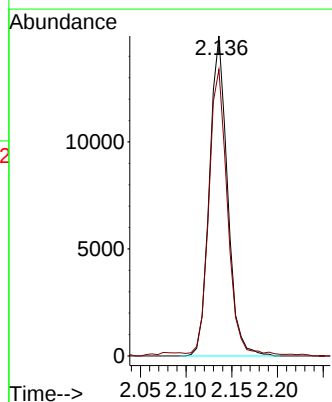
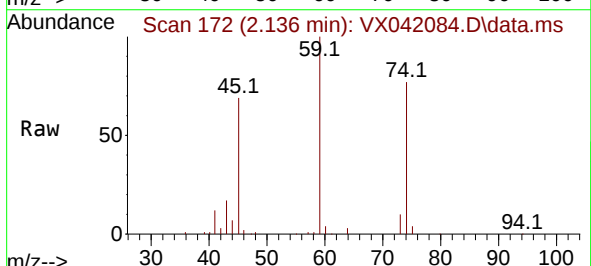
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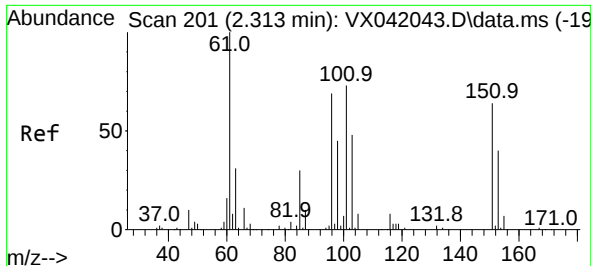
Reviewed By :John Carlone 07/01/2024
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#8
Diethyl Ether
Concen: 17.672 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX042084.D
Acq: 28 Jun 2024 14:26

Tgt Ion: 74 Resp: 20461
Ion Ratio Lower Upper
74 100
45 93.6 53.3 159.8





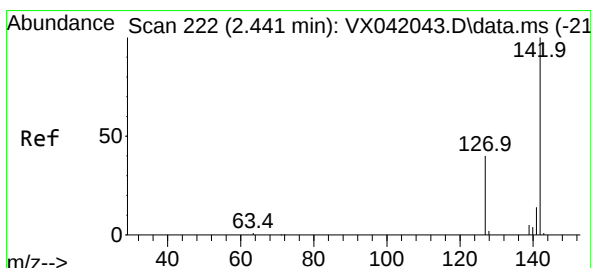
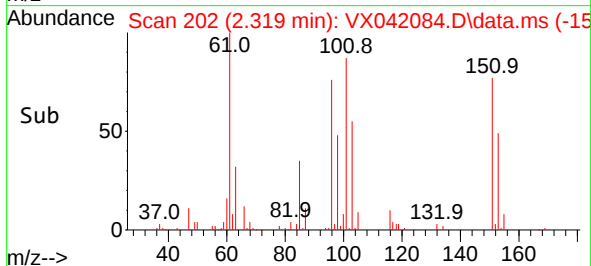
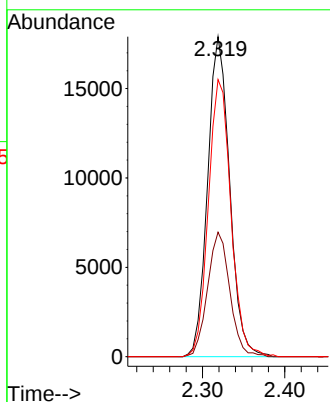
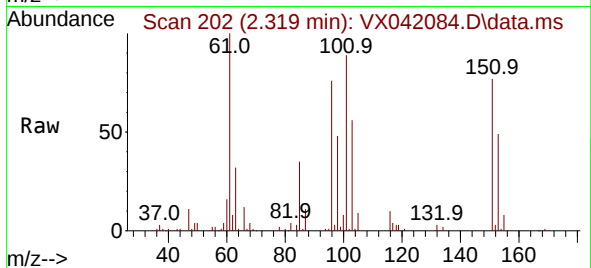
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.641 ug/l
RT: 2.319 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX042084.D
Acq: 28 Jun 2024 14:26

Instrument :
MSVOA_X
ClientSampleId :
VX0628WBS01

Tgt Ion:101 Resp: 33372
Ion Ratio Lower Upper
101 100
85 39.3 37.0 55.6
151 88.6 58.6 87.8

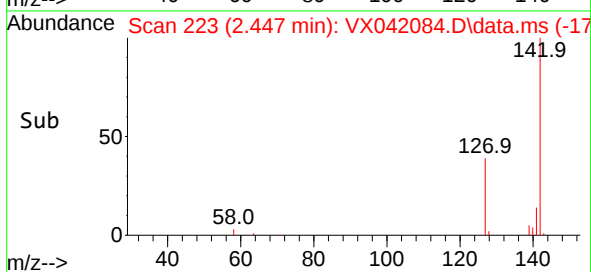
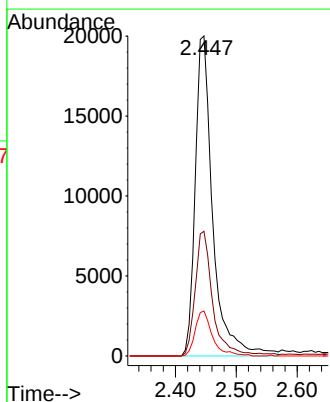
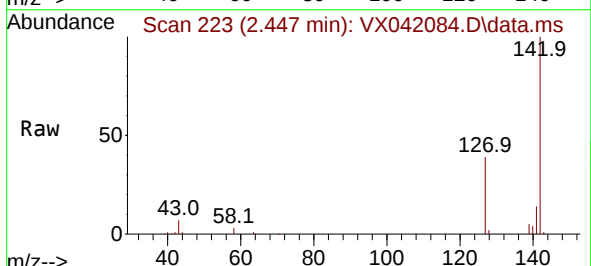
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APPROVED

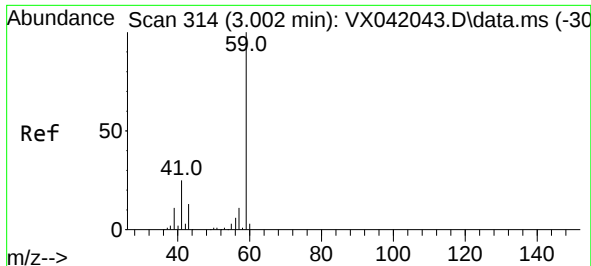
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024



#10
Methyl Iodide
Concen: 18.957 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.006 min
Lab File: VX042084.D
Acq: 28 Jun 2024 14:26

Tgt Ion:142 Resp: 40033
Ion Ratio Lower Upper
142 100
127 39.5 41.6 62.4#
141 13.8 11.6 17.4





#11

Tert butyl alcohol

Concen: 86.040 ug/l

RT: 2.983 min Scan# 314

Delta R.T. -0.024 min

Lab File: VX042084.D

Acq: 28 Jun 2024 14:26

Instrument :

MSVOA_X

ClientSampleId :

VX0628WBS01

Tgt Ion: 59 Resp: 37000

Ion Ratio Lower Upper

59 100

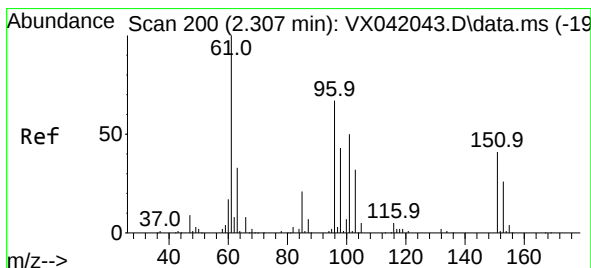
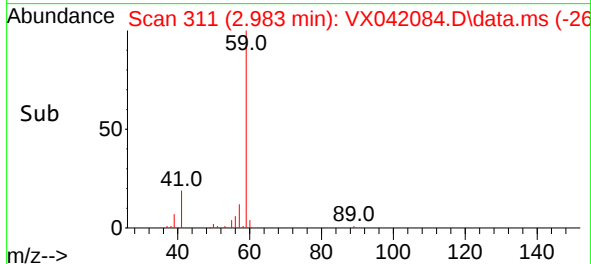
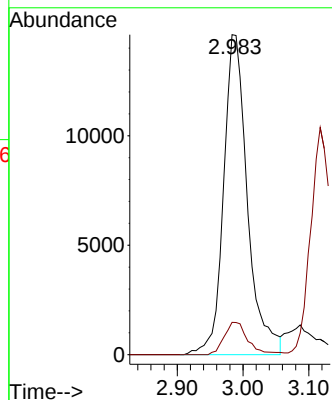
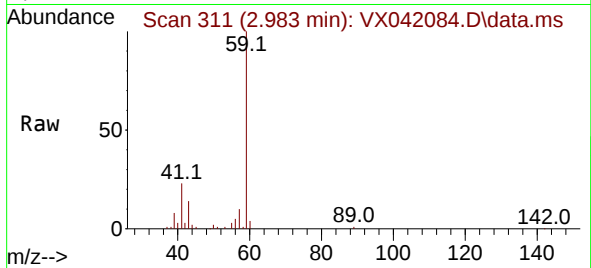
57 10.2 6.0 9.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/01/2024

Supervised By :Mahesh Dadoda 07/01/2024



#12

1,1-Dichloroethene

Concen: 19.636 ug/l

RT: 2.313 min Scan# 201

Delta R.T. 0.006 min

Lab File: VX042084.D

Acq: 28 Jun 2024 14:26

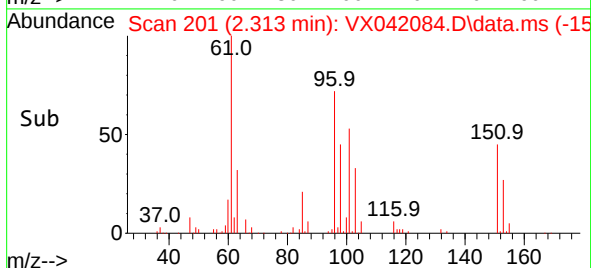
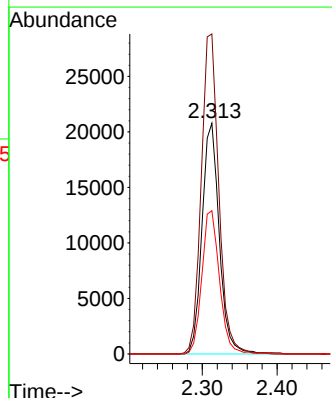
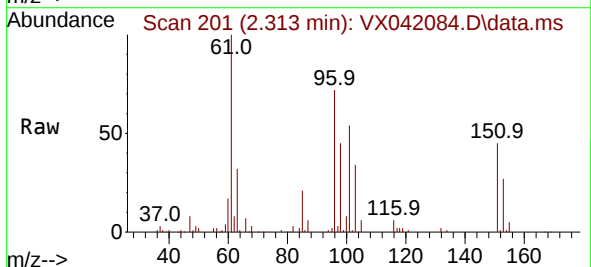
Tgt Ion: 96 Resp: 33279

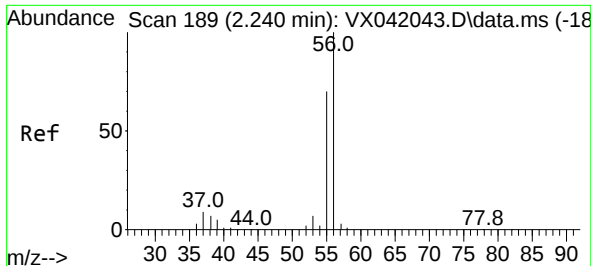
Ion Ratio Lower Upper

96 100

61 138.7 144.6 216.8

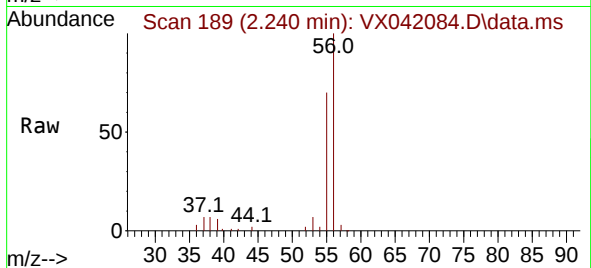
98 62.1 50.4 75.6





#13
Acrolein
Concen: 86.442 ug/l
RT: 2.240 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX042084.D
Acq: 28 Jun 2024 14:26

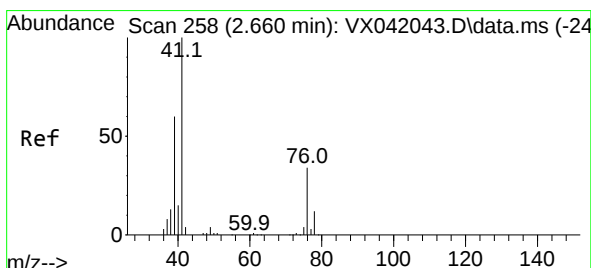
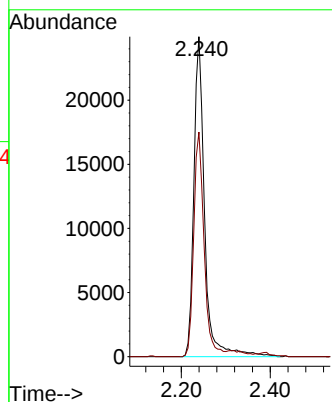
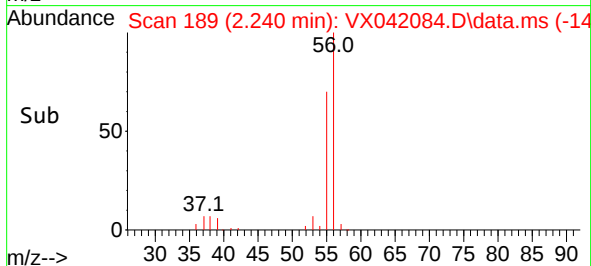
Instrument :
MSVOA_X
ClientSampleId :
VX0628WBS01



Tgt Ion: 56 Resp: 41669
Ion Ratio Lower Upper
56 100
55 67.8 57.1 85.7

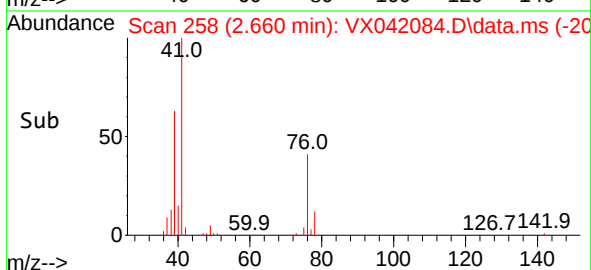
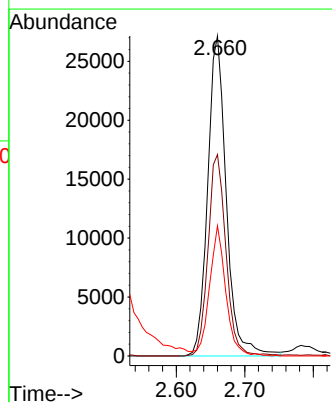
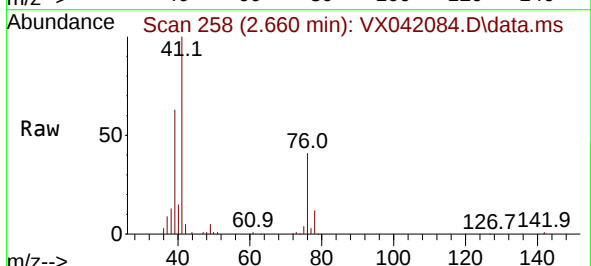
Manual Integrations
APPROVED

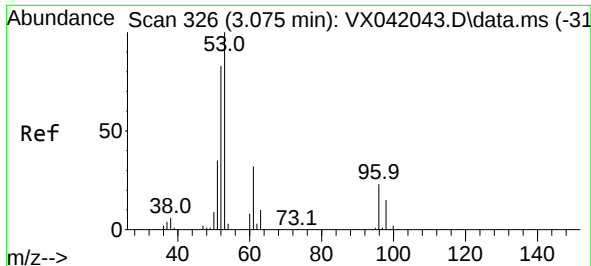
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024



#14
Allyl chloride
Concen: 19.119 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.000 min
Lab File: VX042084.D
Acq: 28 Jun 2024 14:26

Tgt Ion: 41 Resp: 51389
Ion Ratio Lower Upper
41 100
39 60.6 55.8 83.6
76 35.9 24.3 36.5





#15

Acrylonitrile

Concen: 91.817 ug/l

RT: 3.069 min Scan# 31

Delta R.T. -0.006 min

Lab File: VX042084.D

Acq: 28 Jun 2024 14:26

Instrument :

MSVOA_X

ClientSampleId :

VX0628WBS01

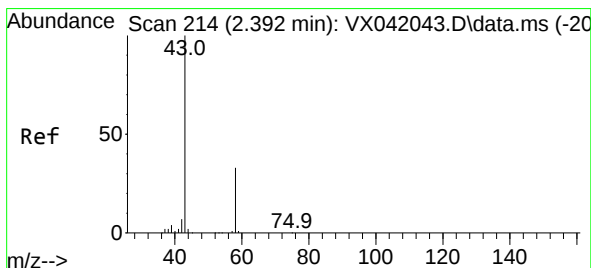
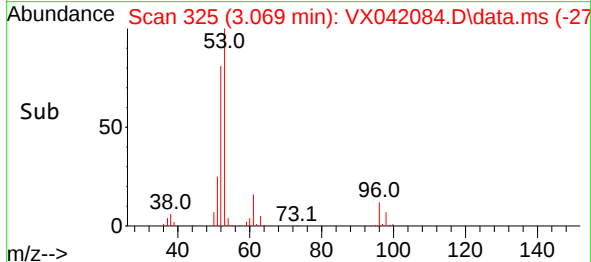
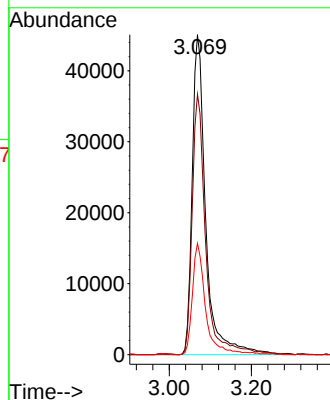
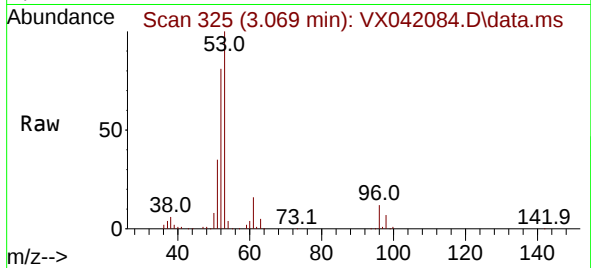
Tgt Ion:	53	Resp:	10313
Ion	Ratio	Lower	Upper
53	100		
52	81.5	66.0	99.0
51	34.4	29.8	44.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/01/2024

Supervised By :Mahesh Dadoda 07/01/2024



#16

Acetone

Concen: 100.618 ug/l

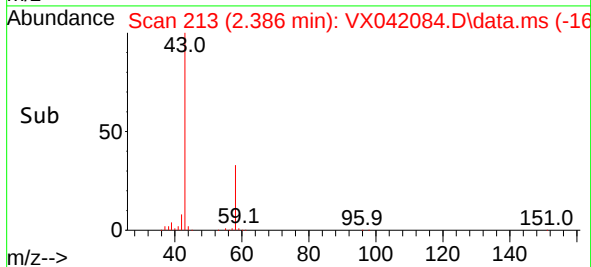
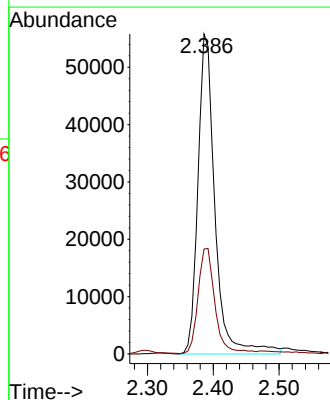
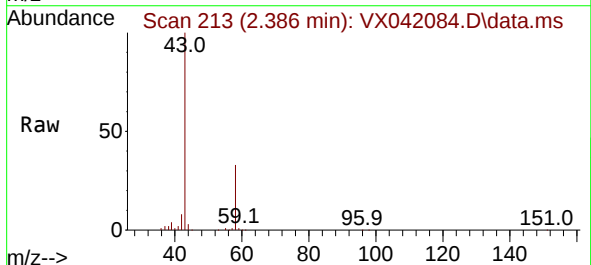
RT: 2.386 min Scan# 213

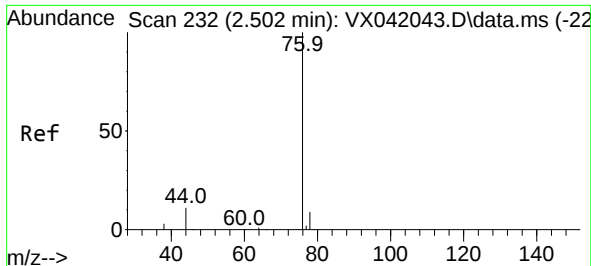
Delta R.T. -0.012 min

Lab File: VX042084.D

Acq: 28 Jun 2024 14:26

Tgt Ion:	43	Resp:	100112
Ion	Ratio	Lower	Upper
43	100		
58	32.7	21.9	32.9





#17

Carbon Disulfide

Concen: 20.089 ug/l

RT: 2.502 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX042084.D

Acq: 28 Jun 2024 14:26

Instrument :

MSVOA_X

ClientSampleId :

VX0628WBS01

Tgt Ion: 76 Resp: 6942

Ion Ratio Lower Upper

76 100

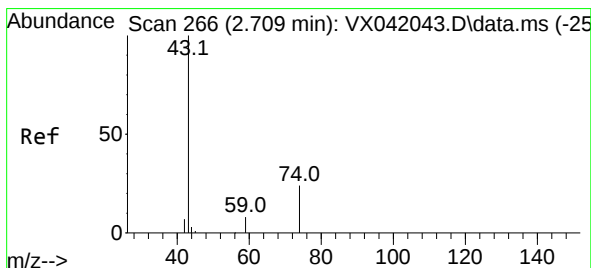
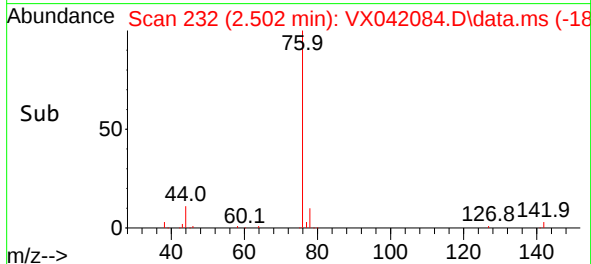
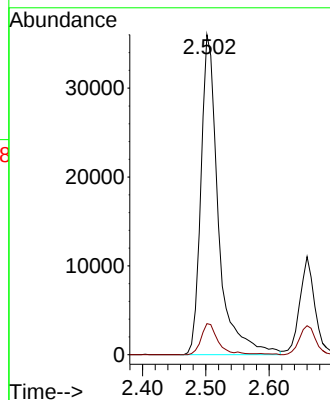
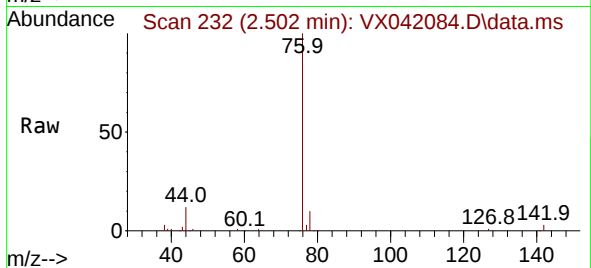
78 9.7 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/01/2024

Supervised By :Mahesh Dadoda 07/01/2024



#18

Methyl Acetate

Concen: 15.685 ug/l

RT: 2.709 min Scan# 266

Delta R.T. 0.000 min

Lab File: VX042084.D

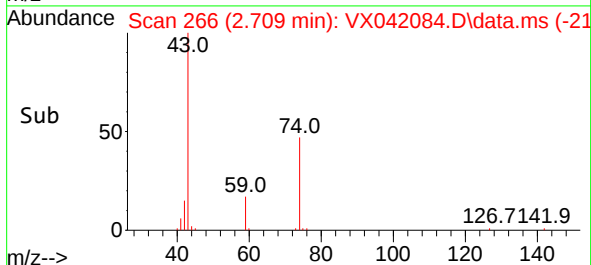
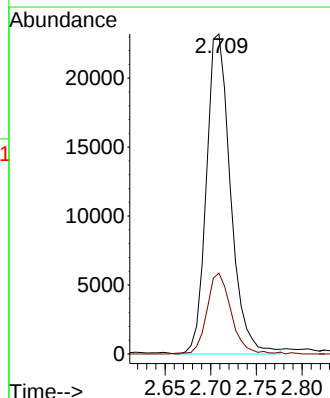
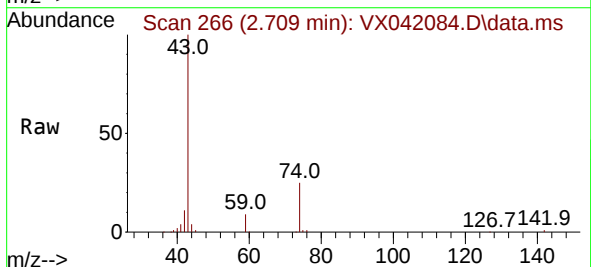
Acq: 28 Jun 2024 14:26

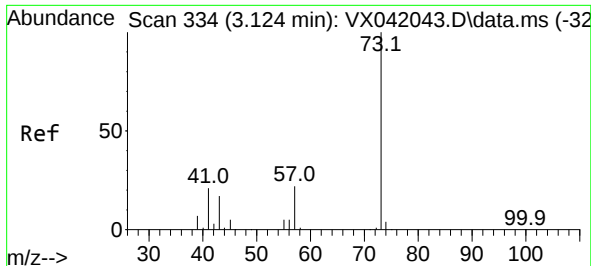
Tgt Ion: 43 Resp: 42573

Ion Ratio Lower Upper

43 100

74 25.3 17.8 26.8





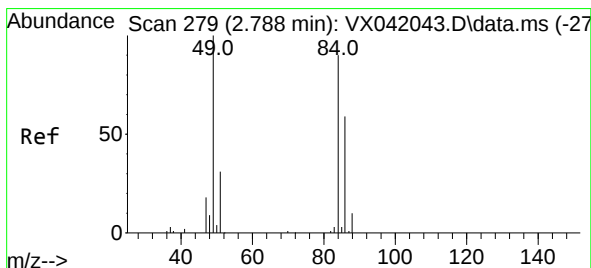
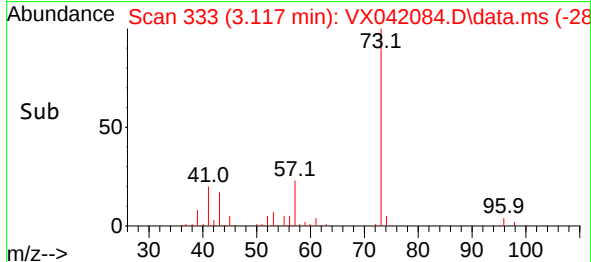
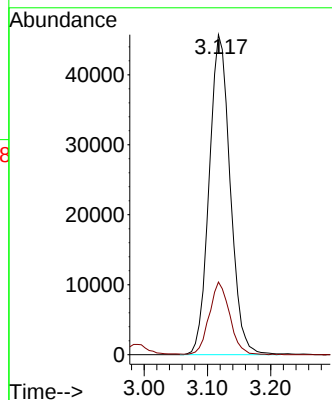
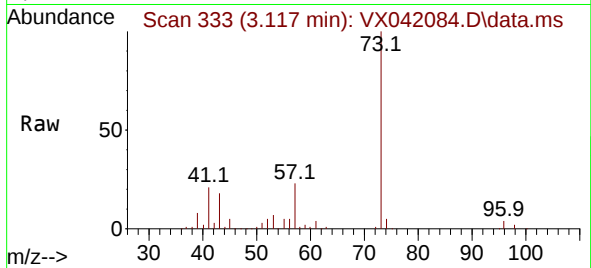
#19
Methyl tert-butyl Ether
Concen: 18.872 ug/l
RT: 3.117 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX042084.D
Acq: 28 Jun 2024 14:26

Instrument :
MSVOA_X
ClientSampleId :
VX0628WBS01

Tgt Ion: 73 Resp: 105669
Ion Ratio Lower Upper
73 100
57 22.6 17.3 25.9

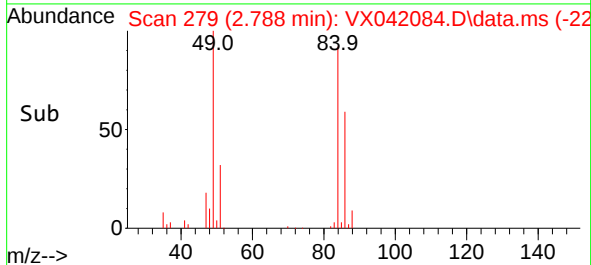
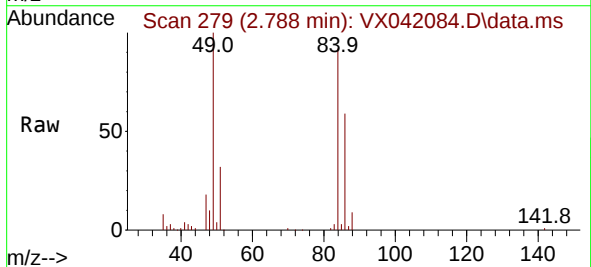
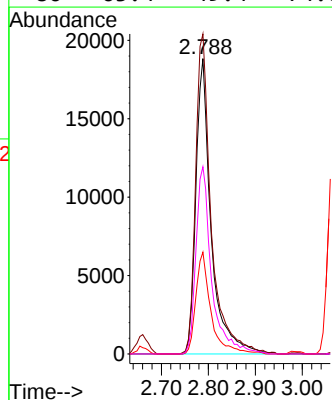
Manual Integrations
APPROVED

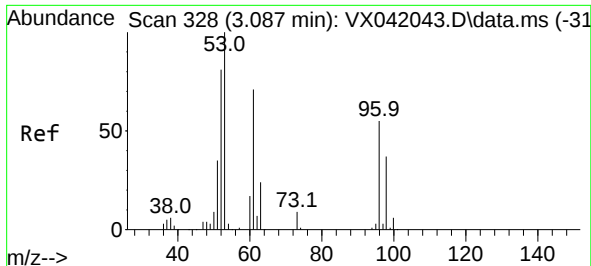
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024



#20
Methylene Chloride
Concen: 19.595 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX042084.D
Acq: 28 Jun 2024 14:26

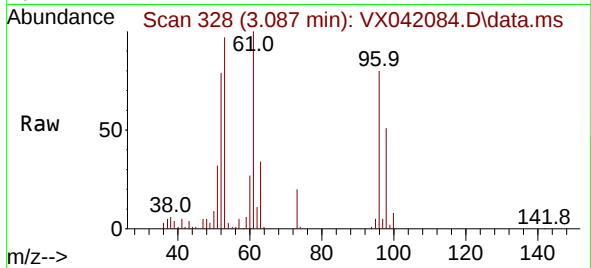
Tgt Ion: 84 Resp: 42690
Ion Ratio Lower Upper
84 100
49 108.3 103.6 155.4
51 34.4 33.8 50.6
86 63.4 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 19.291 ug/l
RT: 3.087 min Scan# 318
Delta R.T. 0.000 min
Lab File: VX042084.D
Acq: 28 Jun 2024 14:26

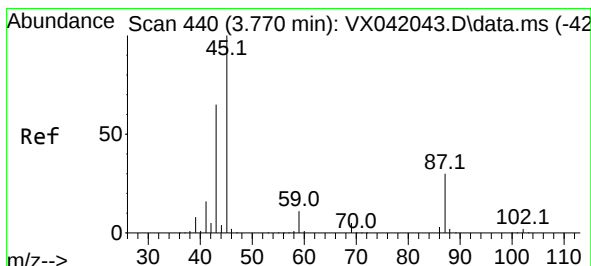
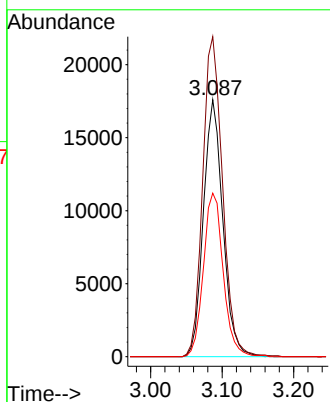
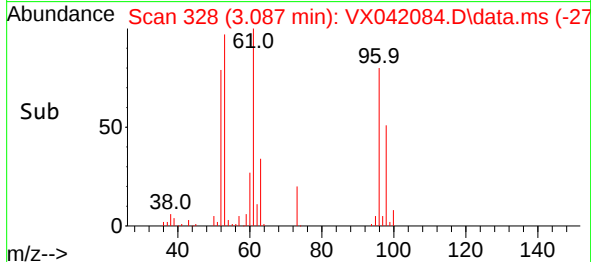
Instrument :
MSVOA_X
ClientSampleId :
VX0628WBS01



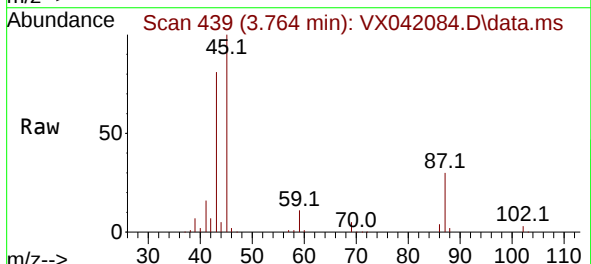
Tgt Ion: 96 Resp: 3318
Ion Ratio Lower Upper
96 100
61 124.5 119.2 178.8
98 63.6 48.7 73.1

Manual Integrations
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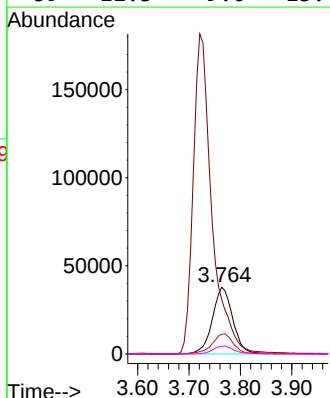
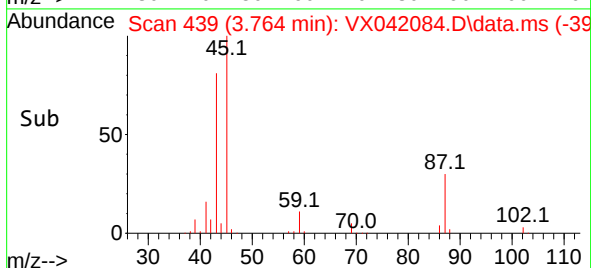
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024

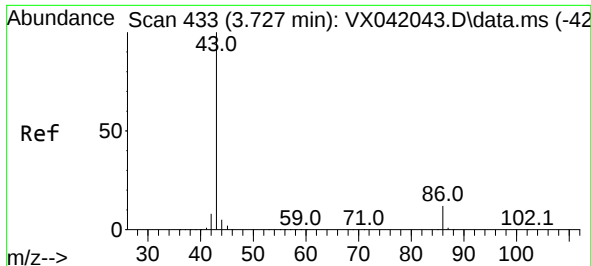


#22
Diisopropyl ether
Concen: 18.390 ug/l
RT: 3.764 min Scan# 439
Delta R.T. -0.006 min
Lab File: VX042084.D
Acq: 28 Jun 2024 14:26



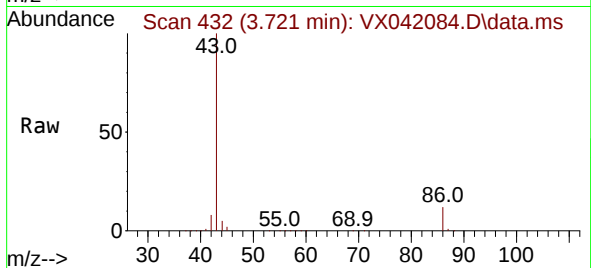
Tgt Ion: 45 Resp: 104484
Ion Ratio Lower Upper
45 100
43 81.0 69.7 104.5
87 29.6 20.8 31.2
59 11.3 9.0 13.4





#23
 Vinyl Acetate
 Concen: 94.827 ug/l
 RT: 3.721 min Scan# 411
 Delta R.T. -0.006 min
 Lab File: VX042084.D
 Acq: 28 Jun 2024 14:26

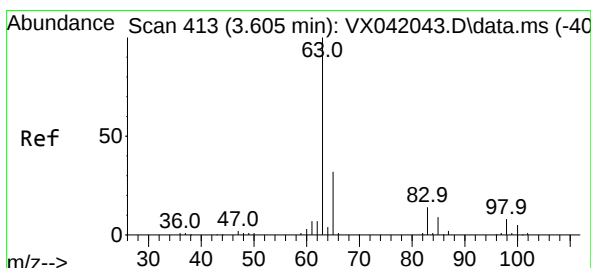
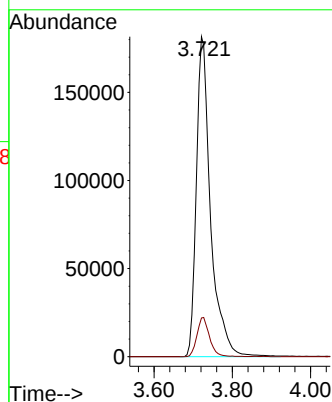
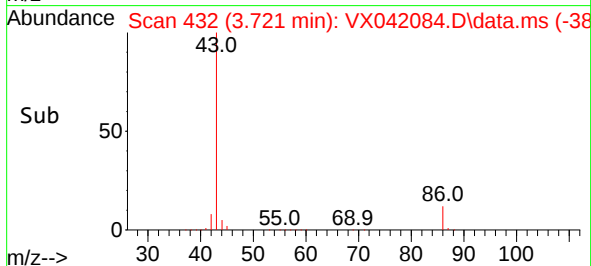
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0628WBS01



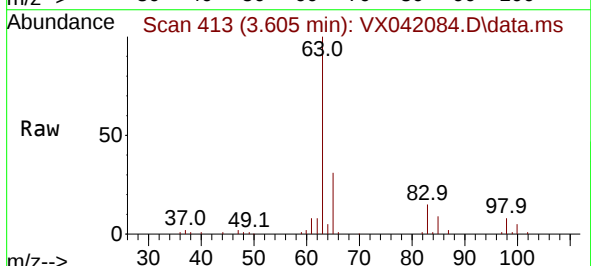
Tgt Ion: 43 Resp: 46011
 Ion Ratio Lower Upper
 43 100
 86 12.1 7.8 11.8

Manual Integrations
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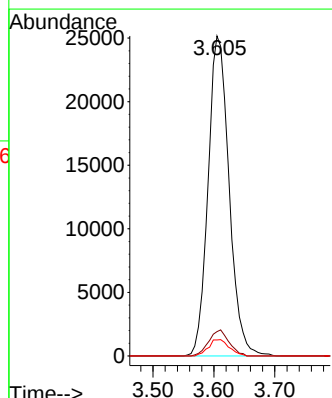
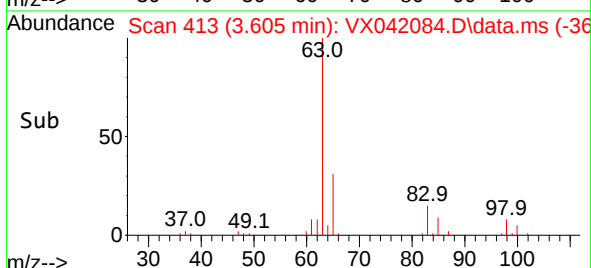
Reviewed By :John Carlone 07/01/2024
 Supervised By :Mahesh Dadoda 07/01/2024

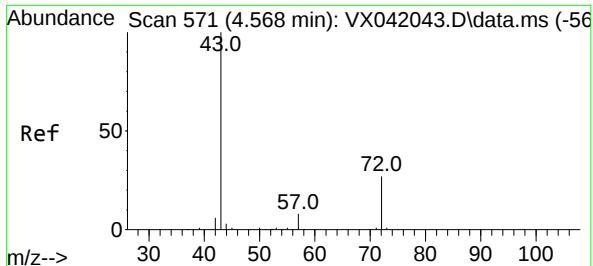


#24
 1,1-Dichloroethane
 Concen: 18.973 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX042084.D
 Acq: 28 Jun 2024 14:26



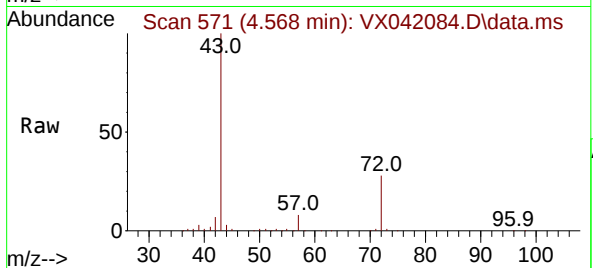
Tgt Ion: 63 Resp: 60368
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.3 9.8
 100 5.0 2.1 6.5





#25
2-Butanone
Concen: 91.087 ug/l
RT: 4.568 min Scan# 571
Delta R.T. -0.006 min
Lab File: VX042084.D
Acq: 28 Jun 2024 14:26

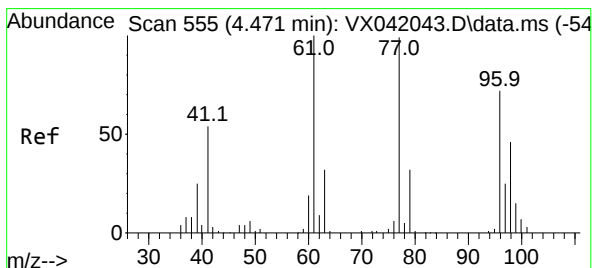
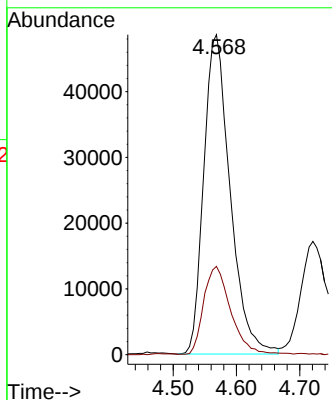
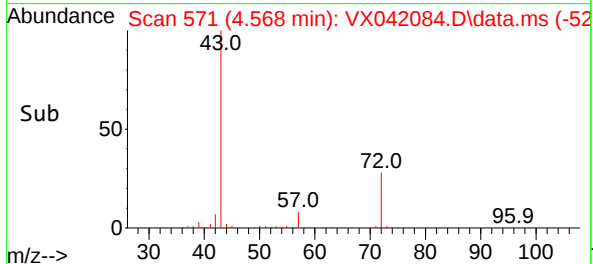
Instrument :
MSVOA_X
ClientSampleId :
VX0628WBS01



Tgt Ion: 43 Resp: 14099
Ion Ratio Lower Upper
43 100
72 27.5 19.4 29.2

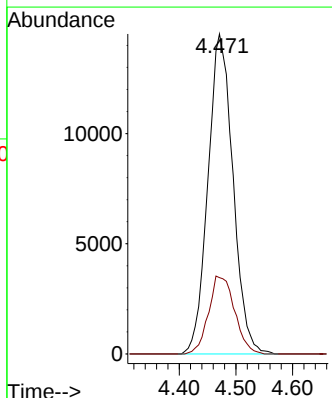
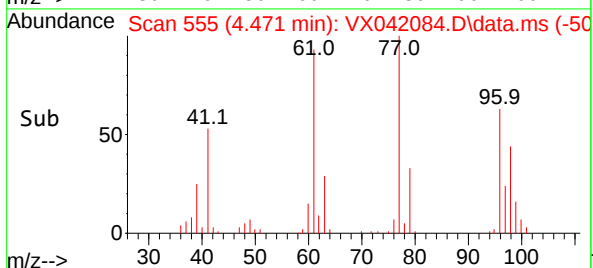
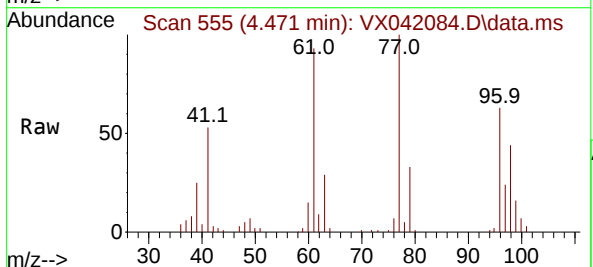
Manual Integrations
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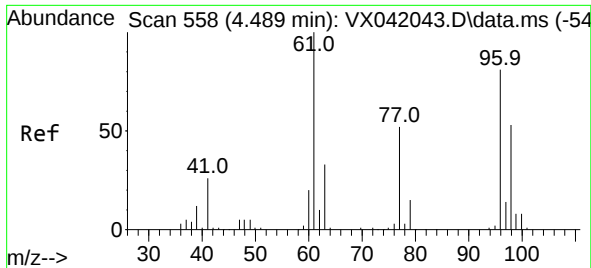
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024



#26
2,2-Dichloropropane
Concen: 19.282 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX042084.D
Acq: 28 Jun 2024 14:26

Tgt Ion: 77 Resp: 44427
Ion Ratio Lower Upper
77 100
97 25.3 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 19.206 ug/l

RT: 4.489 min Scan# 558

Delta R.T. 0.000 min

Lab File: VX042084.D

Acq: 28 Jun 2024 14:26

Instrument :

MSVOA_X

ClientSampleId :

VX0628WBS01

Tgt Ion: 96 Resp: 41370

Ion Ratio Lower Upper

96 100

61 128.9 0.0 312.2

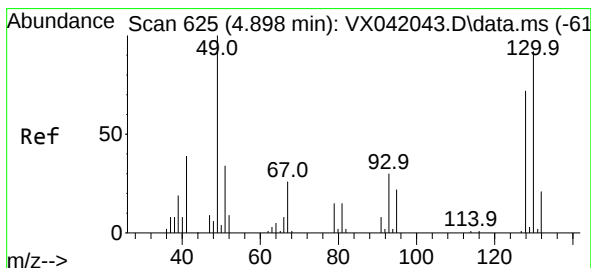
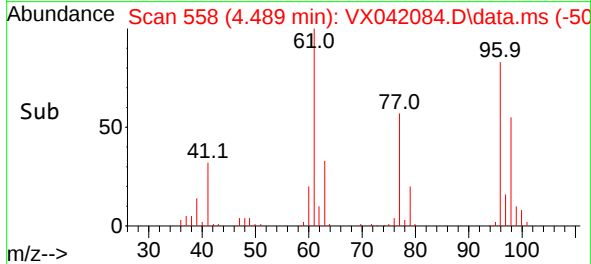
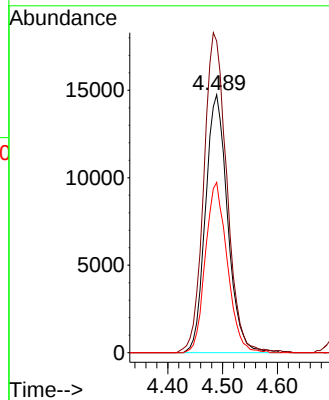
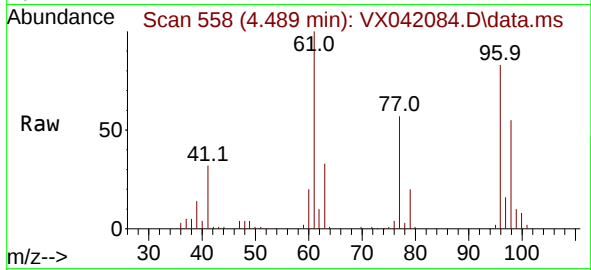
98 65.1 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/01/2024

Supervised By :Mahesh Dadoda 07/01/2024



#28

Bromochloromethane

Concen: 18.710 ug/l

RT: 4.898 min Scan# 625

Delta R.T. -0.006 min

Lab File: VX042084.D

Acq: 28 Jun 2024 14:26

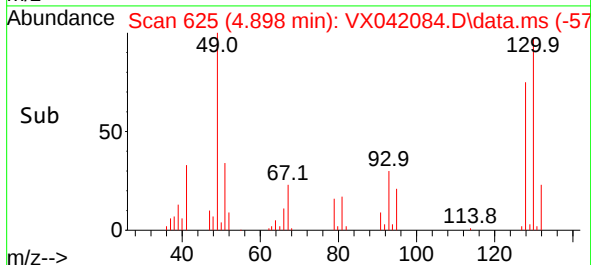
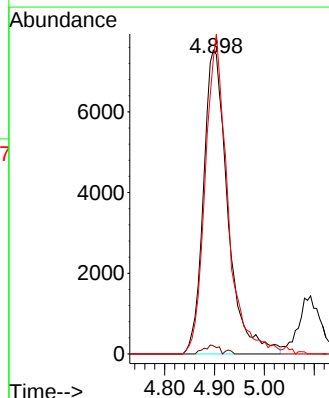
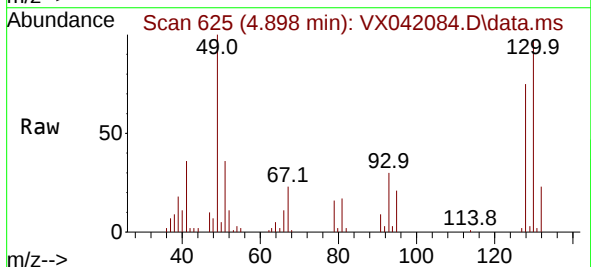
Tgt Ion: 49 Resp: 25497

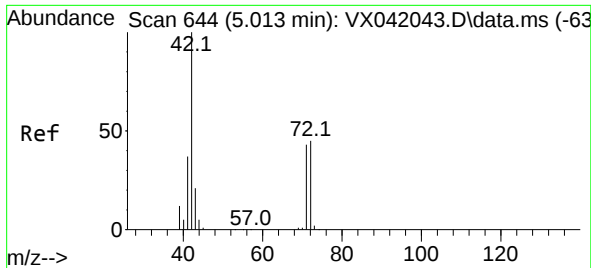
Ion Ratio Lower Upper

49 100

129 1.7 0.0 3.8

130 97.7 57.5 86.3#





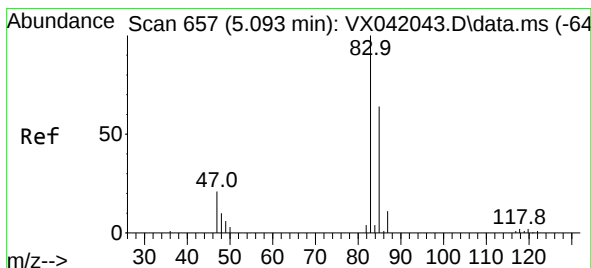
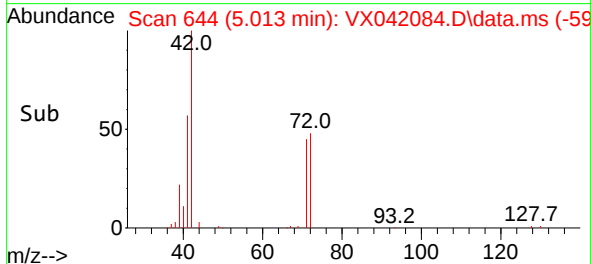
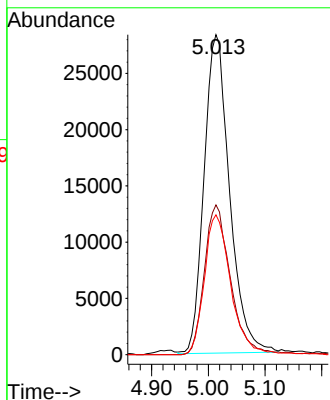
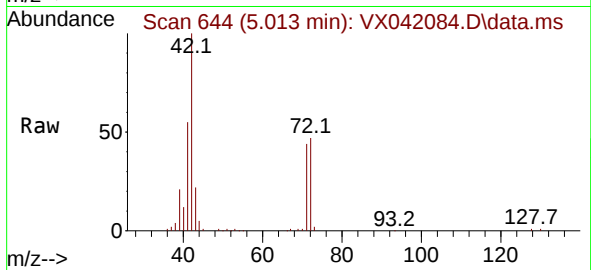
#29
Tetrahydrofuran
Concen: 88.547 ug/l
RT: 5.013 min Scan# 644
Delta R.T. -0.006 min
Lab File: VX042084.D
Acq: 28 Jun 2024 14:26

Instrument :
MSVOA_X
ClientSampleId :
VX0628WBS01

Tgt Ion: 42 Resp: 88520
Ion Ratio Lower Upper
42 100
72 48.3 34.2 51.4
71 45.5 32.2 48.2

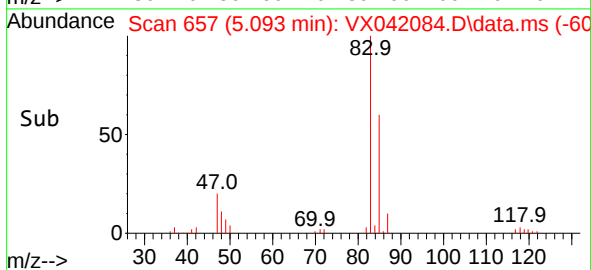
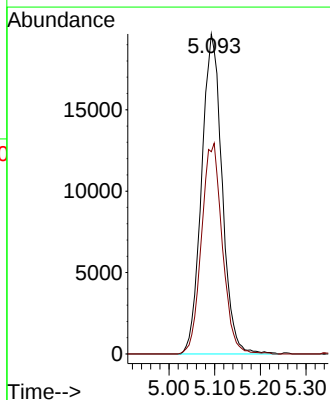
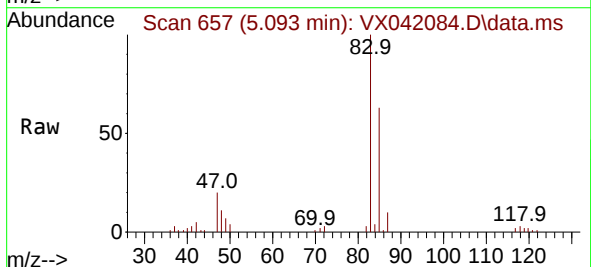
Manual Integrations
APPROVED

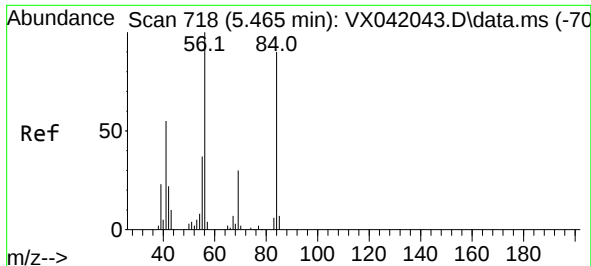
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024



#30
Chloroform
Concen: 18.467 ug/l
RT: 5.093 min Scan# 657
Delta R.T. -0.006 min
Lab File: VX042084.D
Acq: 28 Jun 2024 14:26

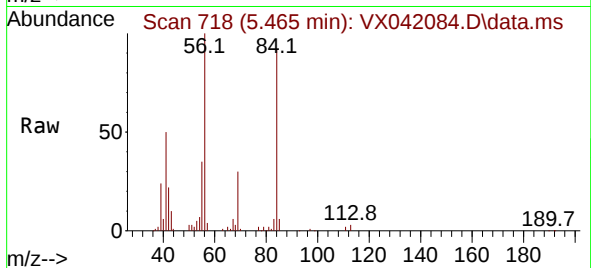
Tgt Ion: 83 Resp: 61215
Ion Ratio Lower Upper
83 100
85 63.2 50.3 75.5





#31
Cyclohexane
Concen: 19.687 ug/l
RT: 5.465 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX042084.D
Acq: 28 Jun 2024 14:26

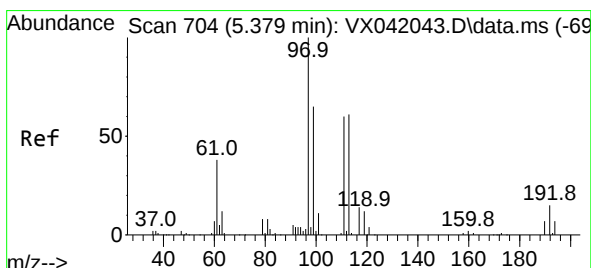
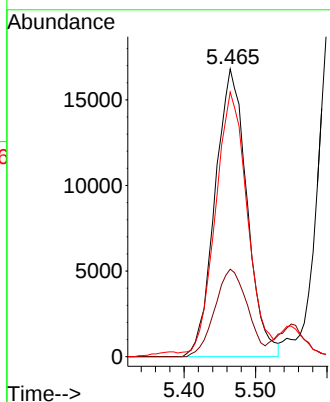
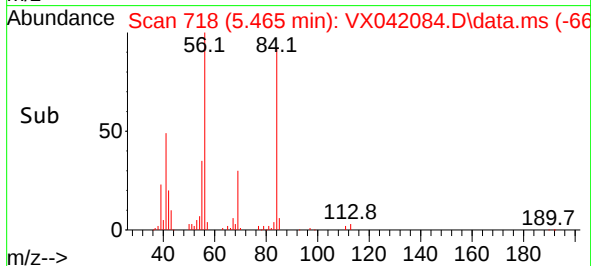
Instrument :
MSVOA_X
ClientSampleId :
VX0628WBS01



Tgt Ion: 56 Resp: 52170
Ion Ratio Lower Upper
56 100
69 30.4 23.4 35.2
84 90.8 65.9 98.9

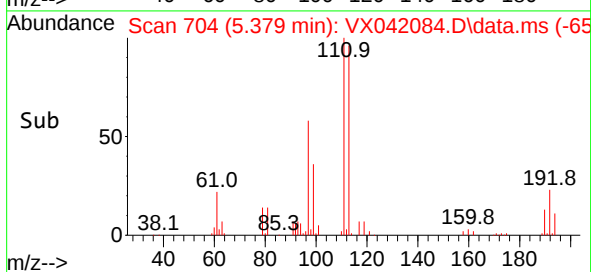
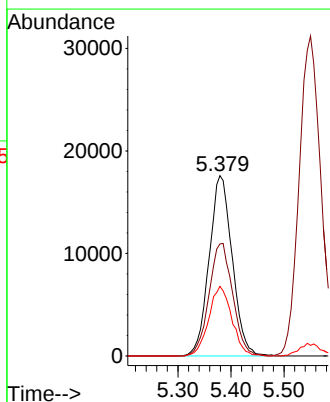
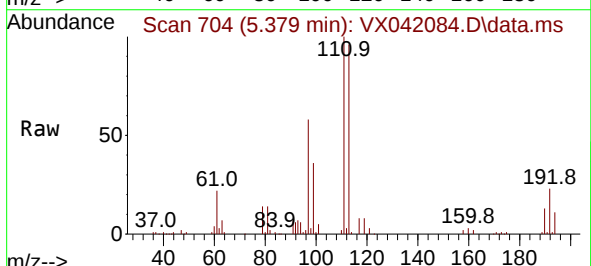
Manual Integrations
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Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024



#32
1,1,1-Trichloroethane
Concen: 19.198 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX042084.D
Acq: 28 Jun 2024 14:26

Tgt Ion: 97 Resp: 53175
Ion Ratio Lower Upper
97 100
99 64.0 51.1 76.7
61 38.6 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 42.283 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX042084.D

Acq: 28 Jun 2024 14:26

Instrument :

MSVOA_X

ClientSampleId :

VX0628WBS01

Tgt Ion: 65 Resp: 95809

Ion Ratio Lower Upper

65 100

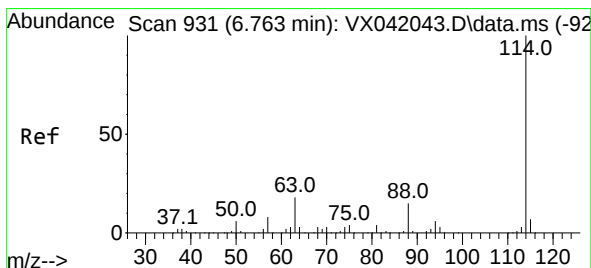
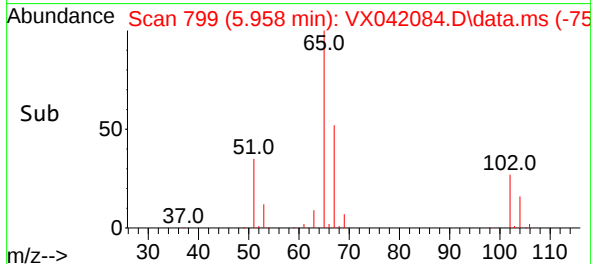
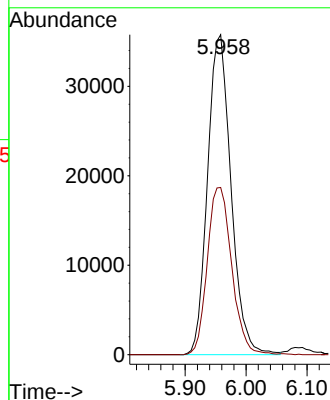
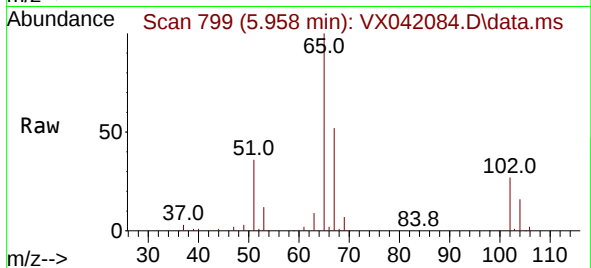
67 54.3 0.0 100.2

Manual Integrations

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Reviewed By :John Carlone 07/01/2024

Supervised By :Mahesh Dadoda 07/01/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX042084.D

Acq: 28 Jun 2024 14:26

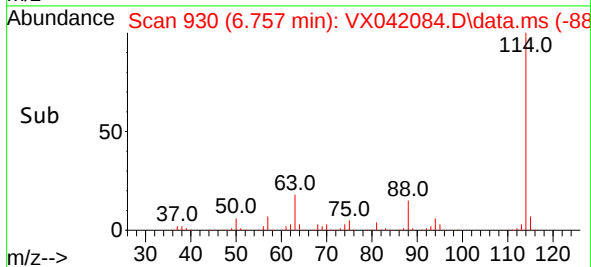
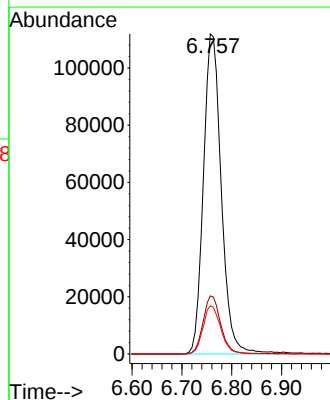
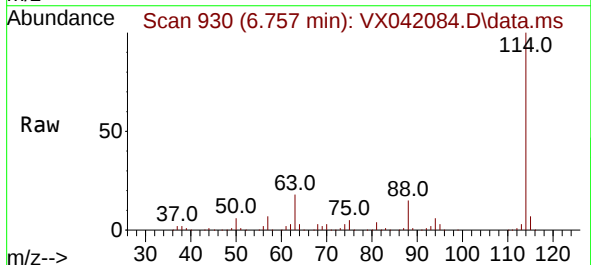
Tgt Ion:114 Resp: 278105

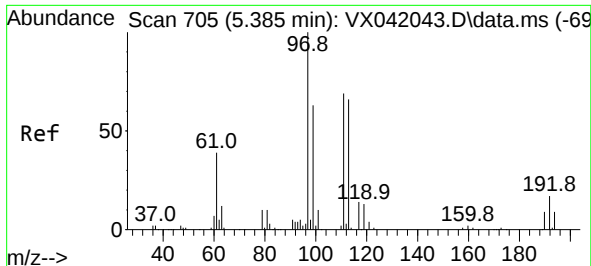
Ion Ratio Lower Upper

114 100

63 18.1 0.0 45.0

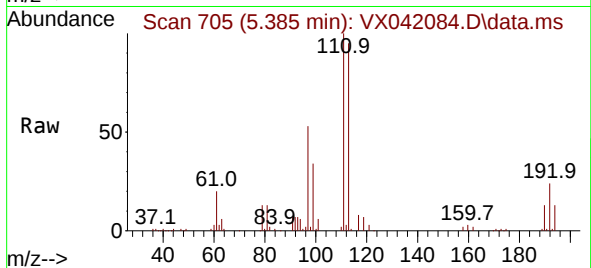
88 15.1 0.0 36.6





#35
Dibromofluoromethane
Concen: 46.228 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX042084.D
Acq: 28 Jun 2024 14:26

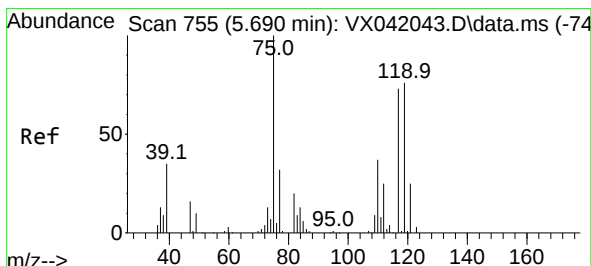
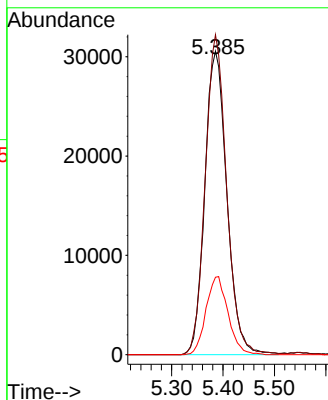
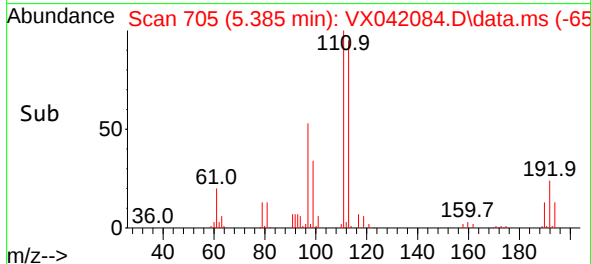
Instrument :
MSVOA_X
ClientSampleId :
VX0628WBS01



Tgt Ion:113 Resp: 9122
Ion Ratio Lower Upper
113 100
111 102.4 82.9 124.3
192 25.6 13.3 19.9

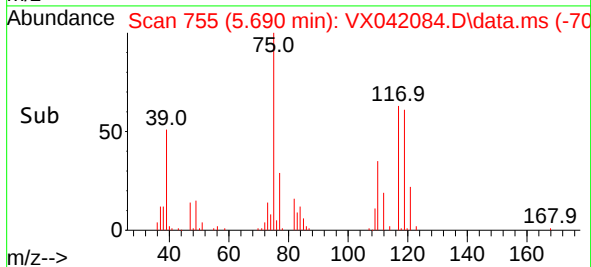
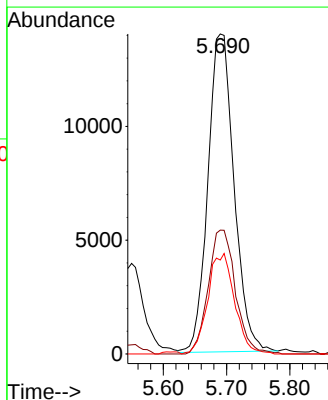
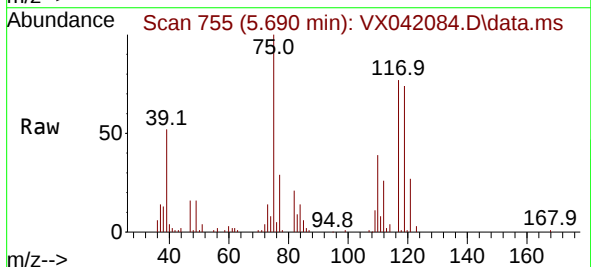
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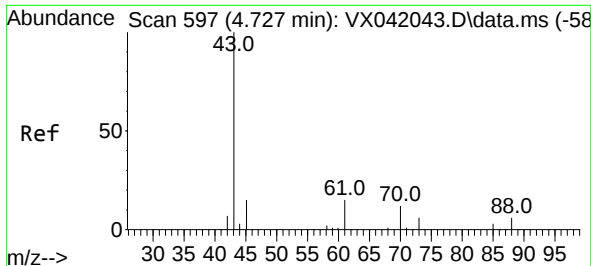
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024



#36
1,1-Dichloropropene
Concen: 19.161 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX042084.D
Acq: 28 Jun 2024 14:26

Tgt Ion: 75 Resp: 40150
Ion Ratio Lower Upper
75 100
110 40.5 17.0 50.9
77 32.4 24.7 37.1





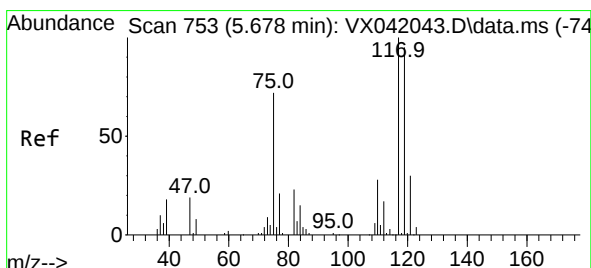
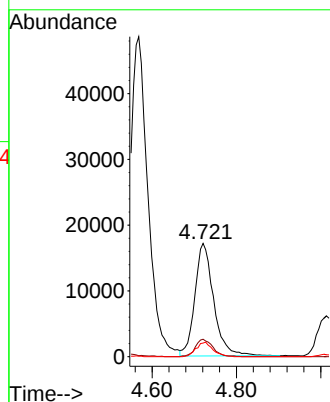
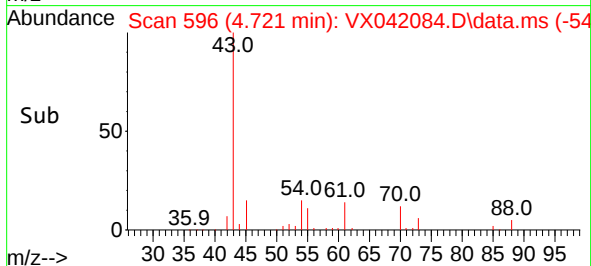
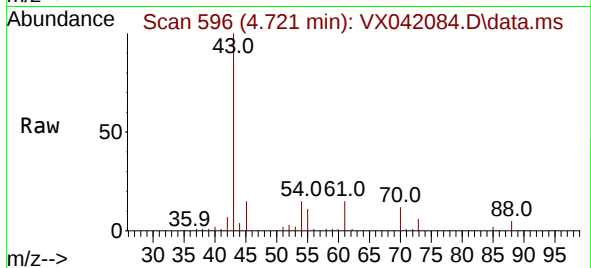
#37
Ethyl Acetate
Concen: 19.452 ug/l
RT: 4.721 min Scan# 596
Delta R.T. -0.006 min
Lab File: VX042084.D
Acq: 28 Jun 2024 14:26

Instrument :
MSVOA_X
ClientSampleId :
VX0628WBS01

Tgt Ion: 43 Resp: 53090
Ion Ratio Lower Upper
43 100
61 14.5 10.6 16.0
70 11.5 8.3 12.5

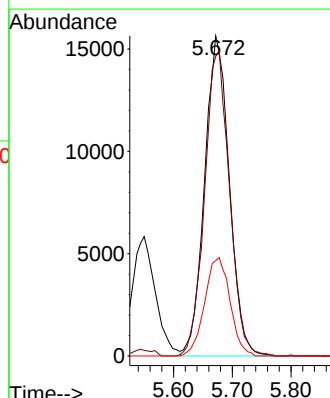
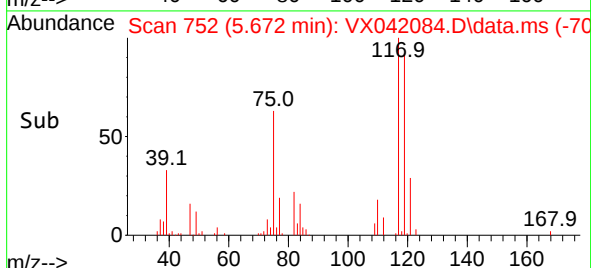
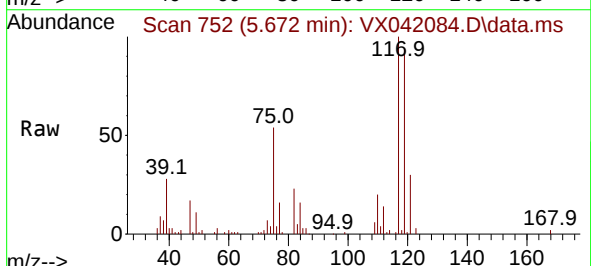
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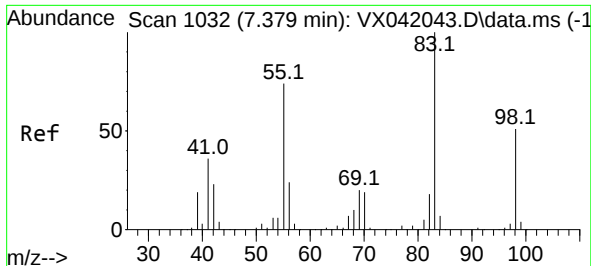
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024



#38
Carbon Tetrachloride
Concen: 19.780 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.006 min
Lab File: VX042084.D
Acq: 28 Jun 2024 14:26

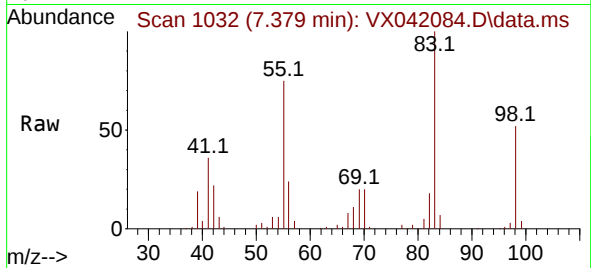
Tgt Ion:117 Resp: 45795
Ion Ratio Lower Upper
117 100
119 93.6 78.2 117.2
121 29.8 24.4 36.6





#39
Methylcyclohexane
Concen: 20.137 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX042084.D
Acq: 28 Jun 2024 14:26

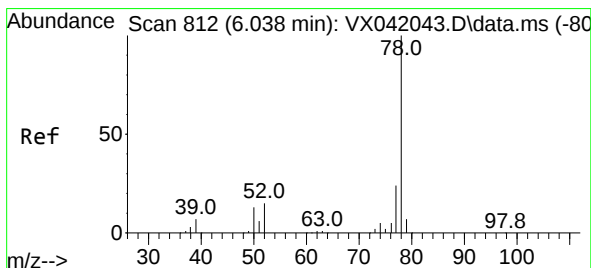
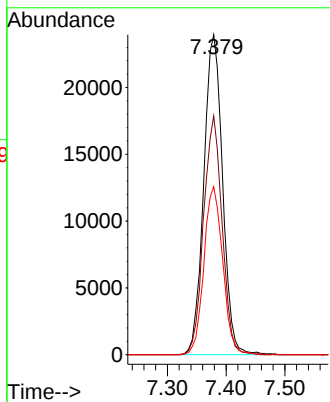
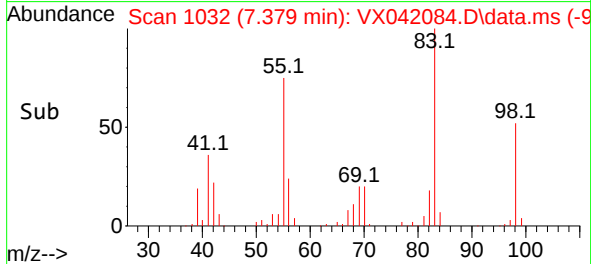
Instrument :
MSVOA_X
ClientSampleId :
VX0628WBS01



Tgt Ion: 83 Resp: 53364
Ion Ratio Lower Upper
83 100
55 74.6 64.6 97.0
98 52.5 36.7 55.1

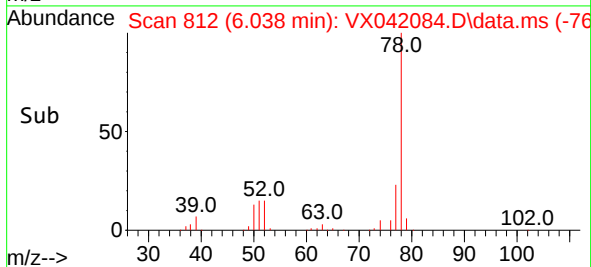
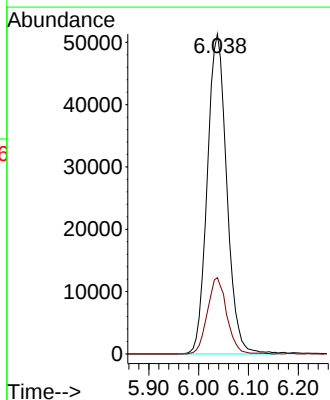
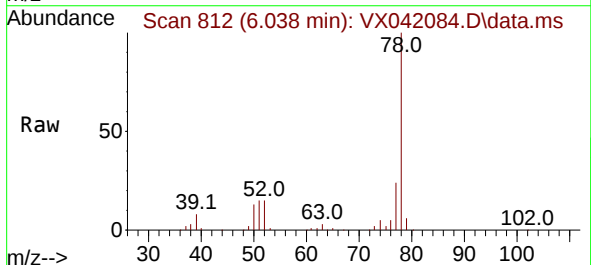
Manual Integrations
APPROVED

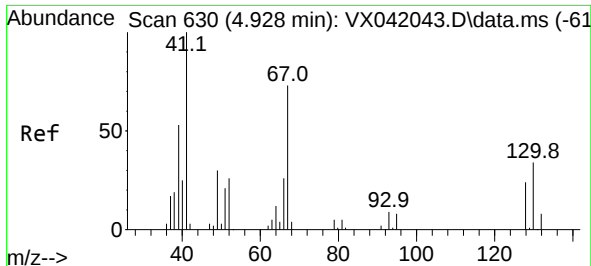
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024



#40
Benzene
Concen: 19.716 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX042084.D
Acq: 28 Jun 2024 14:26

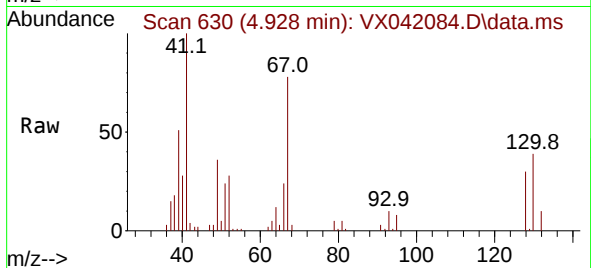
Tgt Ion: 78 Resp: 139339
Ion Ratio Lower Upper
78 100
77 23.9 19.3 28.9





#41
Methacrylonitrile
Concen: 17.901 ug/l
RT: 4.928 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX042084.D
Acq: 28 Jun 2024 14:26

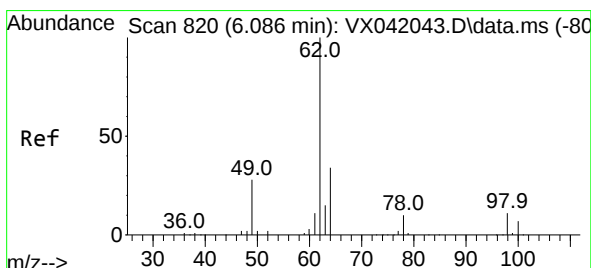
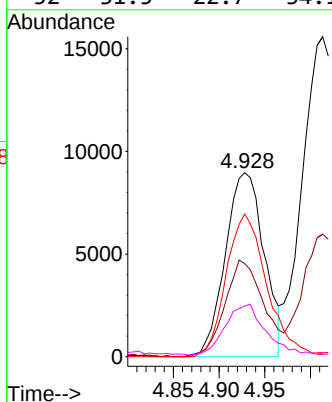
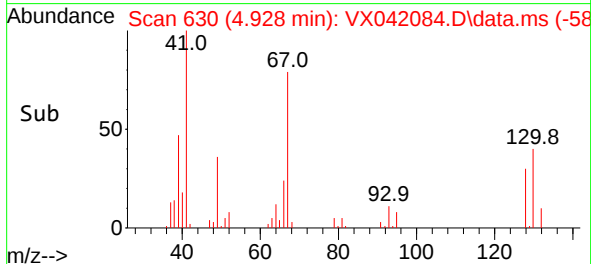
Instrument :
MSVOA_X
ClientSampleId :
VX0628WBS01



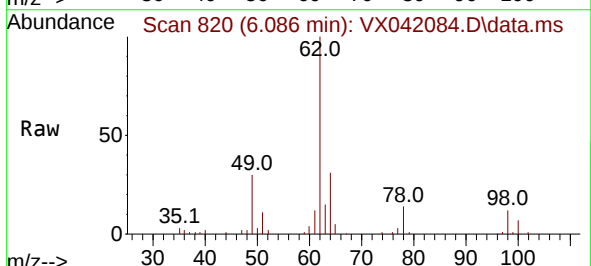
Tgt Ion: 41 Resp: 2648
Ion Ratio Lower Upper
41 100
39 52.8 45.2 67.8
67 81.8 52.6 78.8
52 31.5 22.7 34.1

Manual Integrations
APPROVED

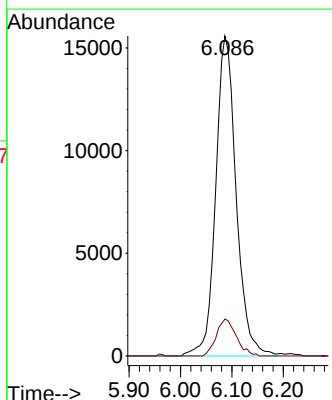
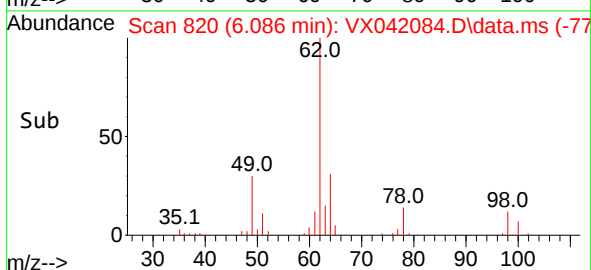
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024

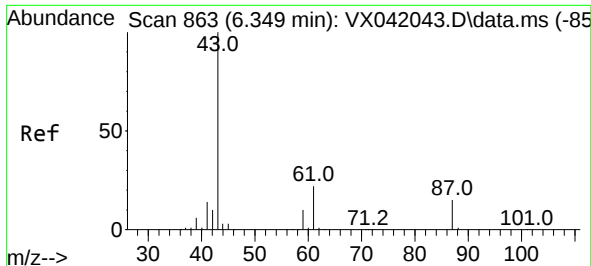


#42
1,2-Dichloroethane
Concen: 18.930 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX042084.D
Acq: 28 Jun 2024 14:26



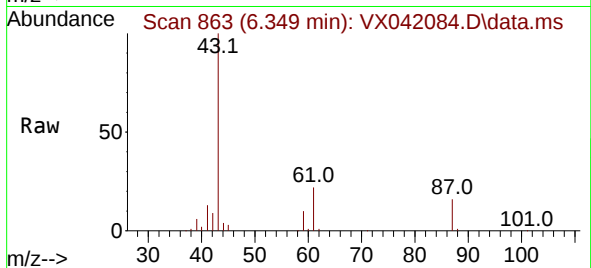
Tgt Ion: 62 Resp: 43092
Ion Ratio Lower Upper
62 100
98 11.3 0.0 16.0





#43
Isopropyl Acetate
Concen: 17.967 ug/l
RT: 6.349 min Scan# 863
Delta R.T. 0.000 min
Lab File: VX042084.D
Acq: 28 Jun 2024 14:26

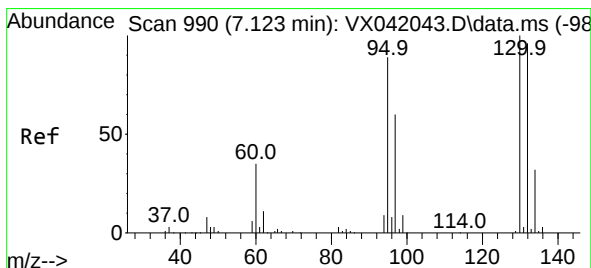
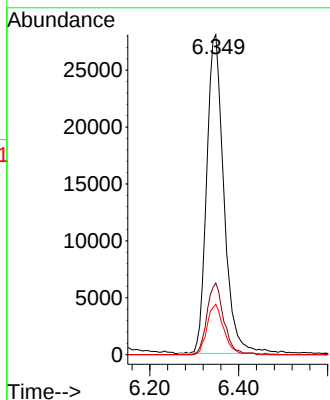
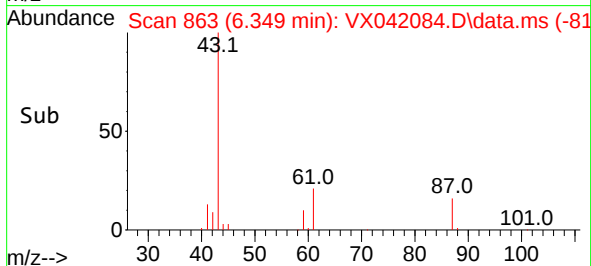
Instrument :
MSVOA_X
ClientSampleId :
VX0628WBS01



Tgt Ion: 43 Resp: 75279
Ion Ratio Lower Upper
43 100
61 22.0 15.2 22.8
87 15.3 9.8 14.6

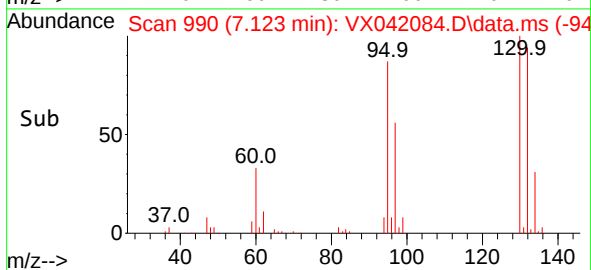
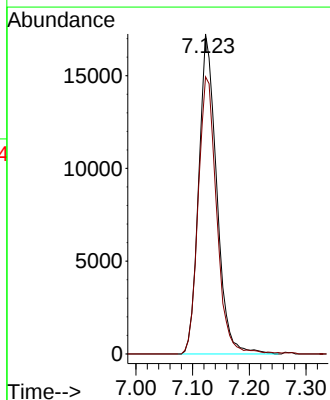
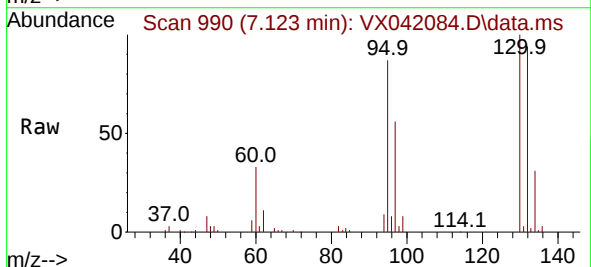
Manual Integrations
APPROVED

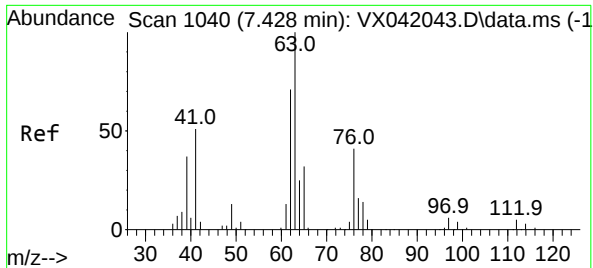
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024



#44
Trichloroethene
Concen: 20.004 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX042084.D
Acq: 28 Jun 2024 14:26

Tgt Ion:130 Resp: 37894
Ion Ratio Lower Upper
130 100
95 86.6 0.0 204.4





#45

1,2-Dichloropropane

Concen: 19.501 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX042084.D

Acq: 28 Jun 2024 14:26

Instrument :

MSVOA_X

ClientSampleId :

VX0628WBS01

Tgt Ion: 63 Resp: 3388

Ion Ratio Lower Upper

63 100

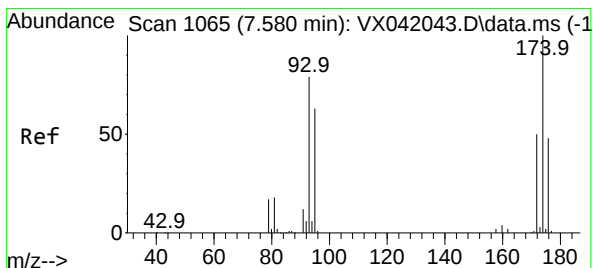
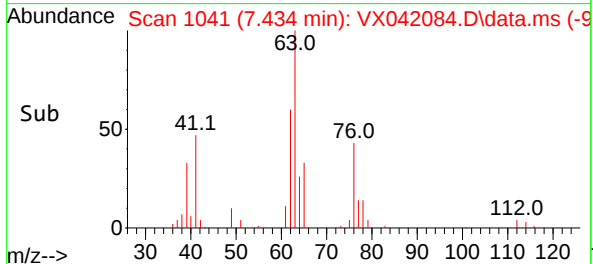
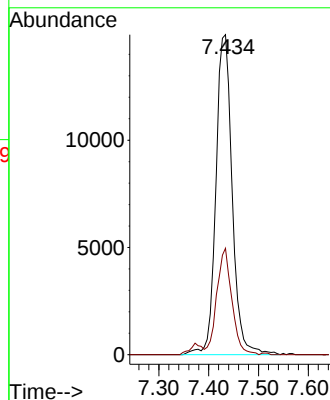
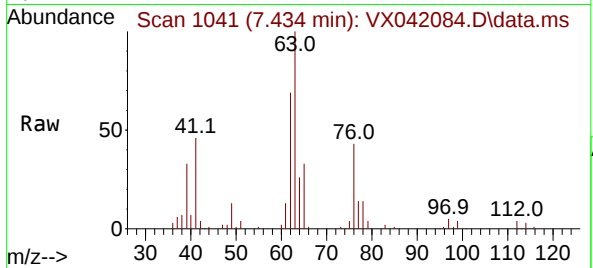
65 33.3 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/01/2024

Supervised By :Mahesh Dadoda 07/01/2024



#46

Dibromomethane

Concen: 19.455 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX042084.D

Acq: 28 Jun 2024 14:26

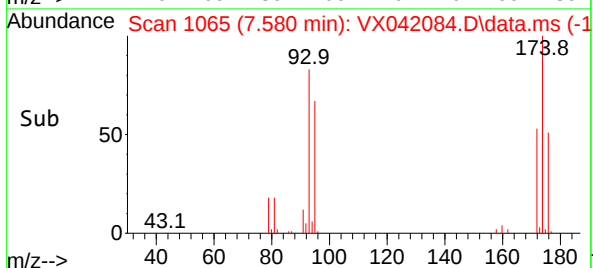
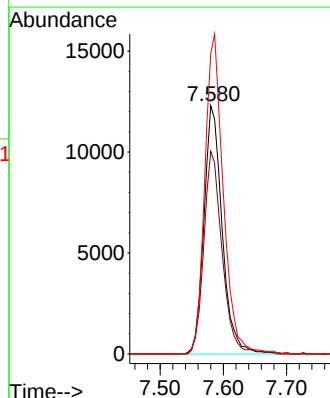
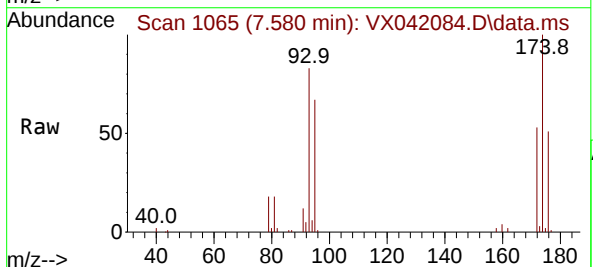
Tgt Ion: 93 Resp: 24633

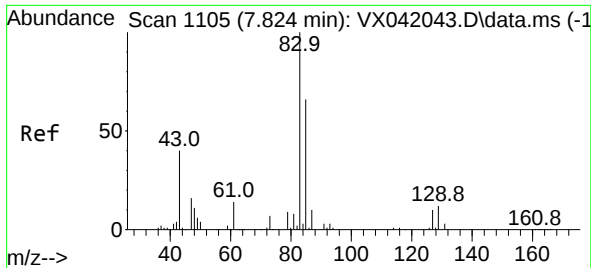
Ion Ratio Lower Upper

93 100

95 82.1 66.6 100.0

174 130.8 69.4 104.0#





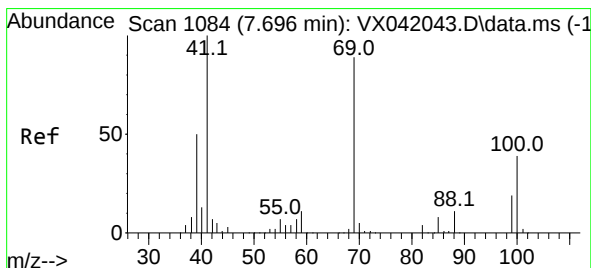
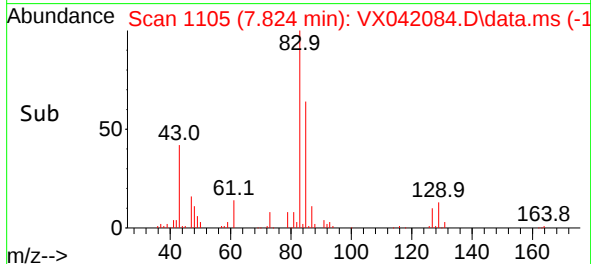
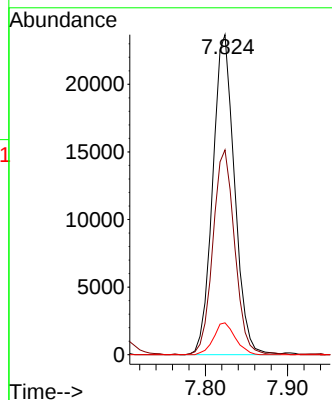
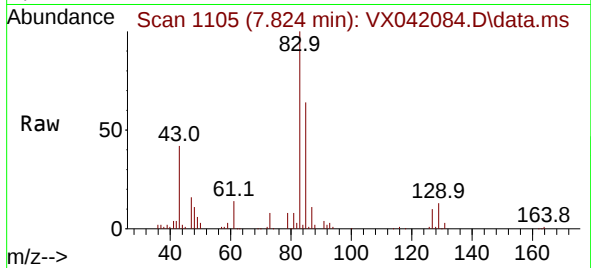
#47
Bromodichloromethane
Concen: 18.737 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX042084.D
Acq: 28 Jun 2024 14:26

Instrument :
MSVOA_X
ClientSampleId :
VX0628WBS01

Tgt Ion: 83 Resp: 4355
Ion Ratio Lower Upper
83 100
85 64.0 49.8 74.6
127 10.0 7.1 10.7

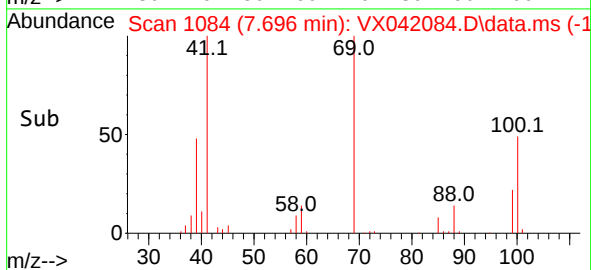
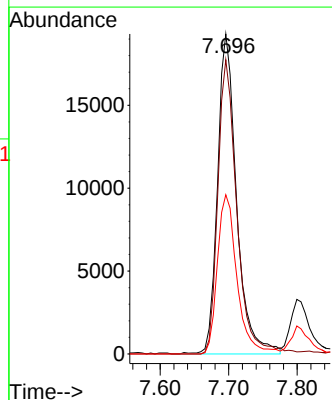
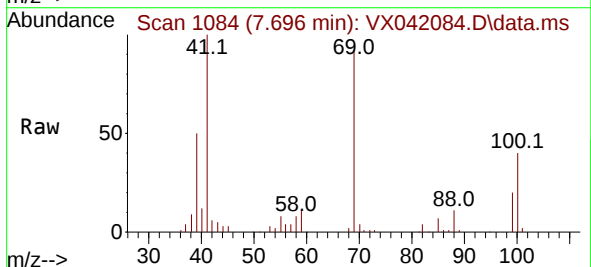
Manual Integrations
APPROVED

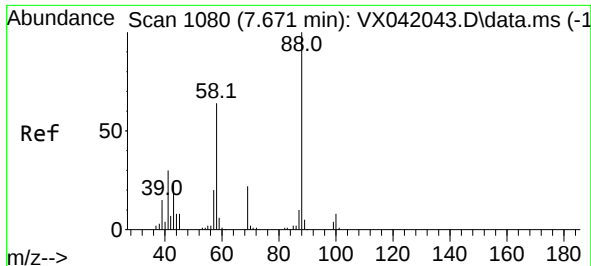
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024



#48
Methyl methacrylate
Concen: 18.609 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX042084.D
Acq: 28 Jun 2024 14:26

Tgt Ion: 41 Resp: 37210
Ion Ratio Lower Upper
41 100
69 91.7 59.2 88.8#
39 51.2 47.7 71.5





#49

1,4-Dioxane

Concen: 379.103 ug/l

RT: 7.665 min Scan# 1080

Delta R.T. 0.000 min

Lab File: VX042084.D

Acq: 28 Jun 2024 14:26

Instrument :

MSVOA_X

ClientSampleId :

VX0628WBS01

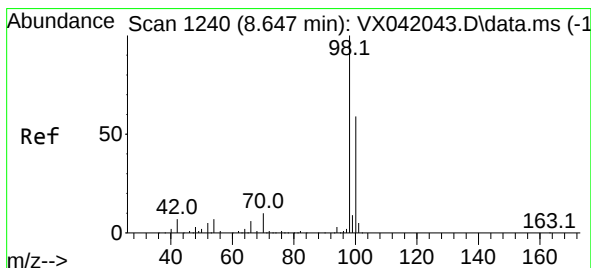
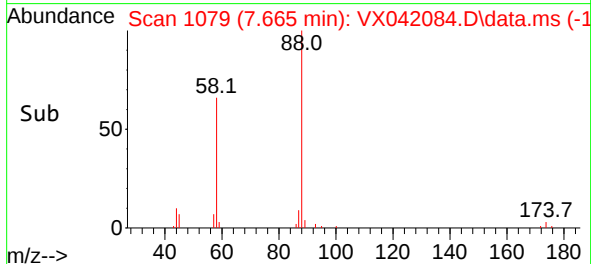
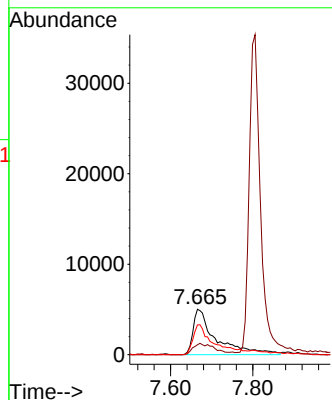
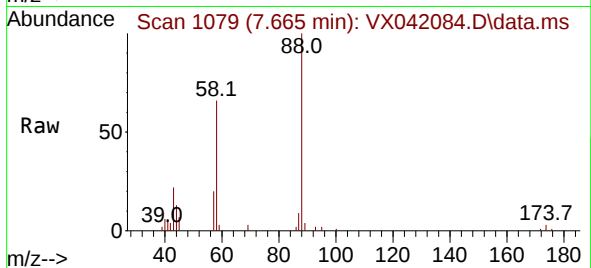
Tgt Ion: 88 Resp: 19390
 Ion Ratio Lower Upper
 88 100
 43 24.5 0.0 0.0
 58 59.7 60.1 90.1

Manual Integrations

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Reviewed By :John Carlone 07/01/2024

Supervised By :Mahesh Dadoda 07/01/2024



#50

Toluene-d8

Concen: 45.529 ug/l

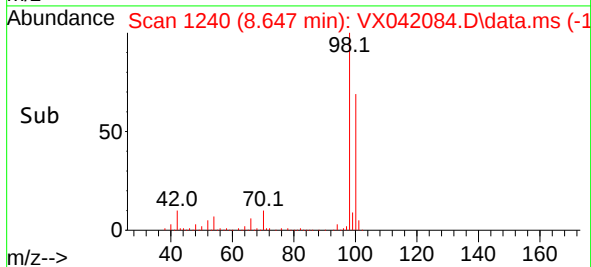
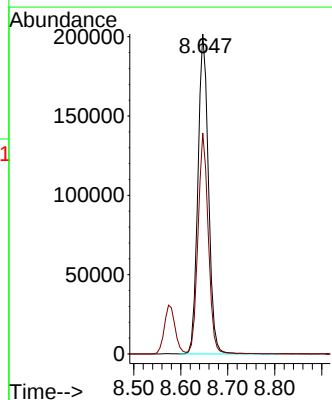
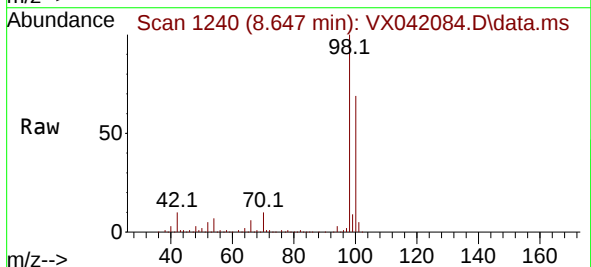
RT: 8.647 min Scan# 1240

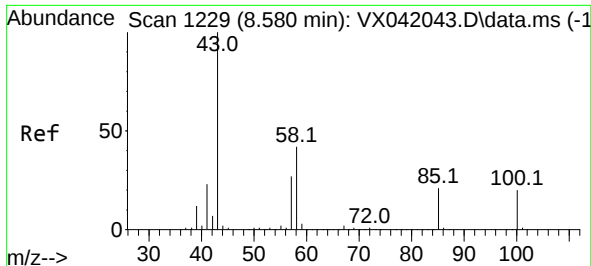
Delta R.T. 0.000 min

Lab File: VX042084.D

Acq: 28 Jun 2024 14:26

Tgt Ion: 98 Resp: 315625
 Ion Ratio Lower Upper
 98 100
 100 67.2 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 92.435 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. -0.006 min

Lab File: VX042084.D

Acq: 28 Jun 2024 14:26

Instrument :

MSVOA_X

ClientSampleId :

VX0628WBS01

Tgt Ion: 43 Resp: 26678

Ion Ratio Lower Upper

43 100

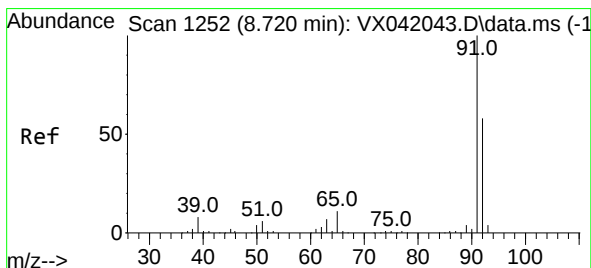
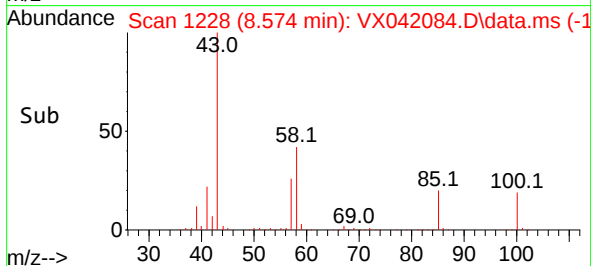
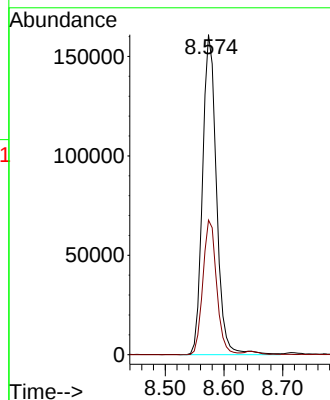
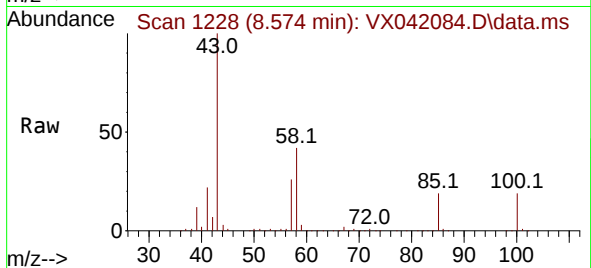
58 41.4 30.4 45.6

Manual Integrations

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Reviewed By :John Carlone 07/01/2024

Supervised By :Mahesh Dadoda 07/01/2024



#52

Toluene

Concen: 20.111 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX042084.D

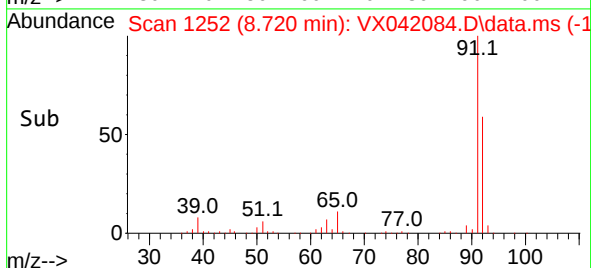
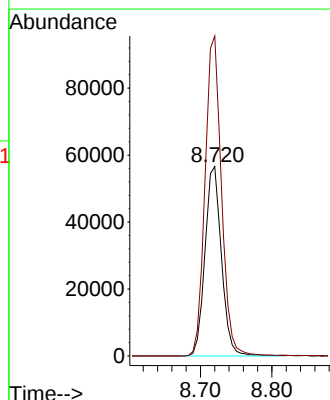
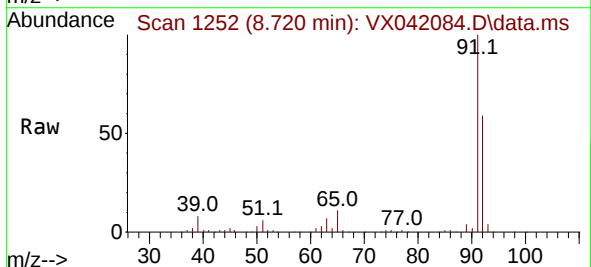
Acq: 28 Jun 2024 14:26

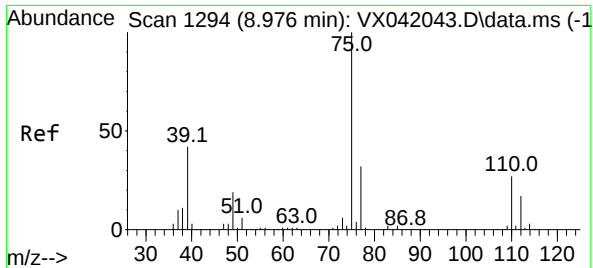
Tgt Ion: 92 Resp: 90507

Ion Ratio Lower Upper

92 100

91 168.6 134.2 201.2





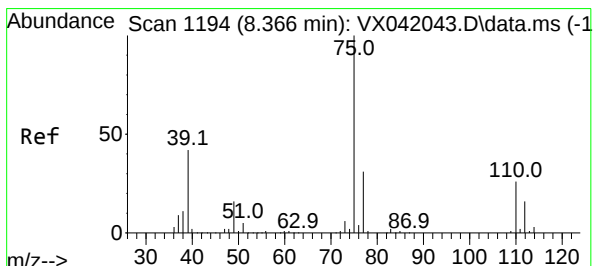
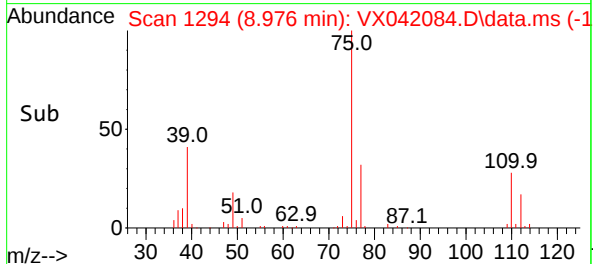
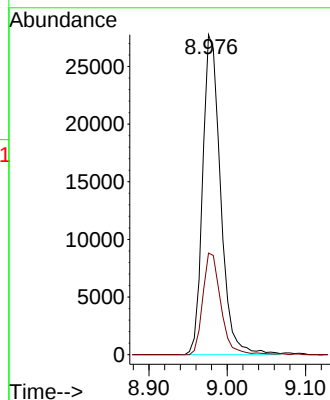
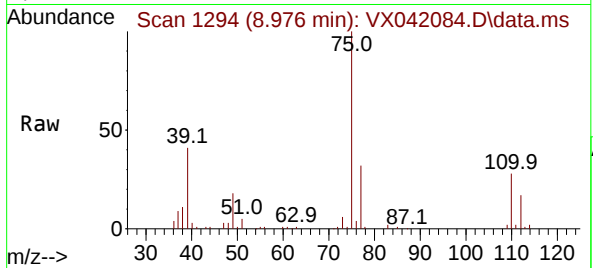
#53
t-1,3-Dichloropropene
Concen: 18.780 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.006 min
Lab File: VX042084.D
Acq: 28 Jun 2024 14:26

Instrument : MSVOA_X
ClientSampleId : VX0628WBS01

Tgt Ion: 75 Resp: 44059
Ion Ratio Lower Upper
75 100
77 31.7 25.7 38.5

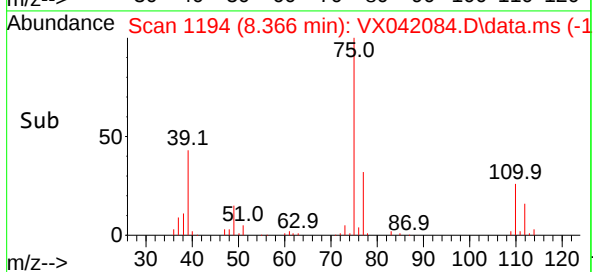
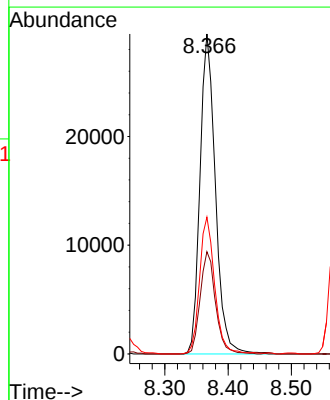
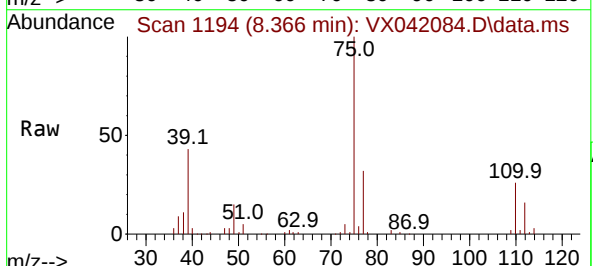
Manual Integrations
APPROVED

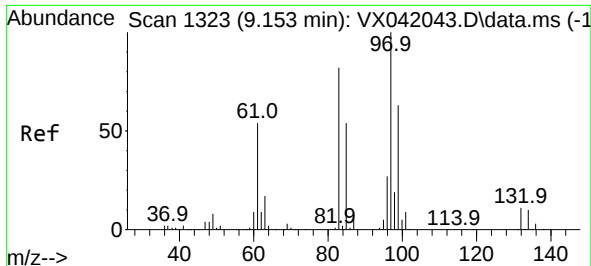
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024



#54
cis-1,3-Dichloropropene
Concen: 19.634 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX042084.D
Acq: 28 Jun 2024 14:26

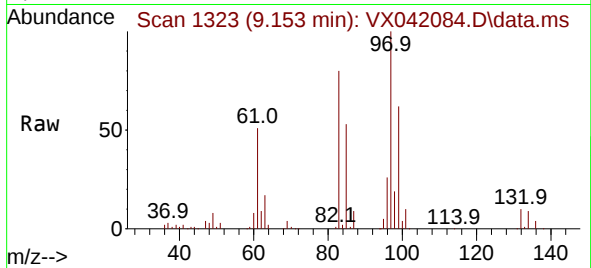
Tgt Ion: 75 Resp: 49970
Ion Ratio Lower Upper
75 100
77 31.9 25.3 37.9
39 42.7 46.7 70.1#





#55
1,1,2-Trichloroethane
Concen: 19.416 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX042084.D
Acq: 28 Jun 2024 14:26

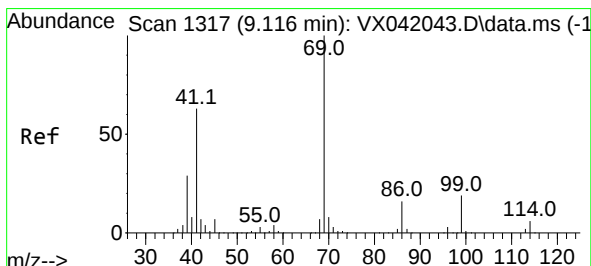
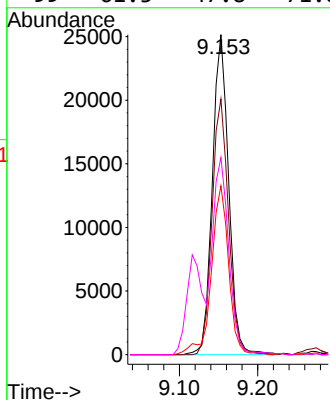
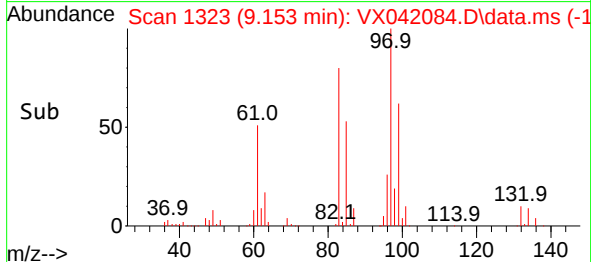
Instrument :
MSVOA_X
ClientSampleId :
VX0628WBS01



Tgt Ion	Ratio	Lower	Upper
97	100		
83	79.9	65.8	98.8
85	52.5	41.6	62.4
99	61.3	47.8	71.8

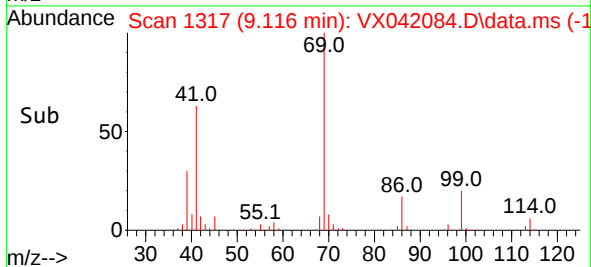
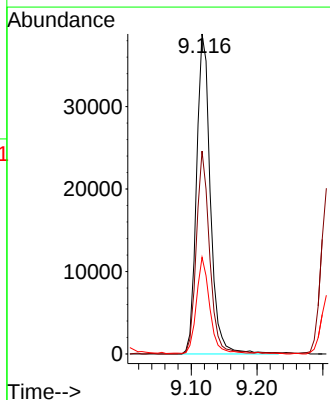
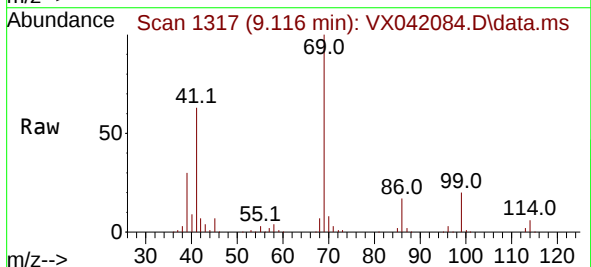
Manual Integrations
APPROVED

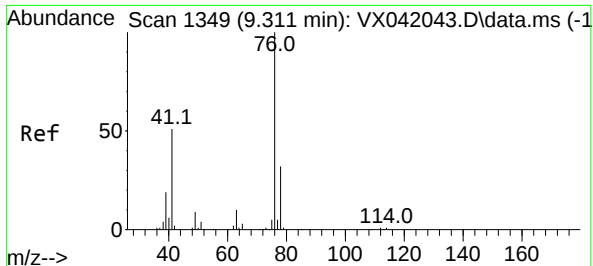
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024



#56
Ethyl methacrylate
Concen: 19.481 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.006 min
Lab File: VX042084.D
Acq: 28 Jun 2024 14:26

Tgt Ion	Ratio	Lower	Upper
69	100		
41	60.8	56.8	85.2
39	28.5	32.0	48.0





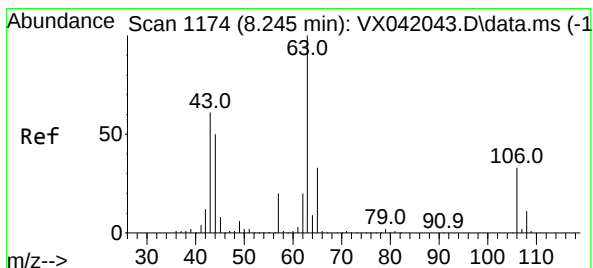
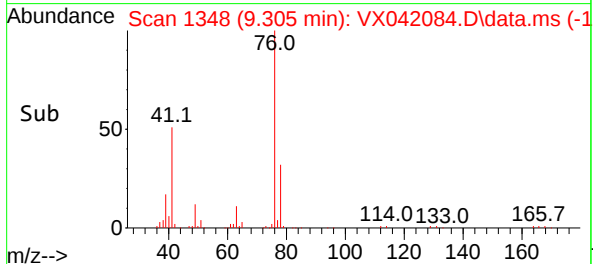
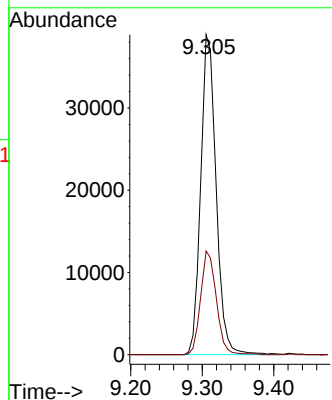
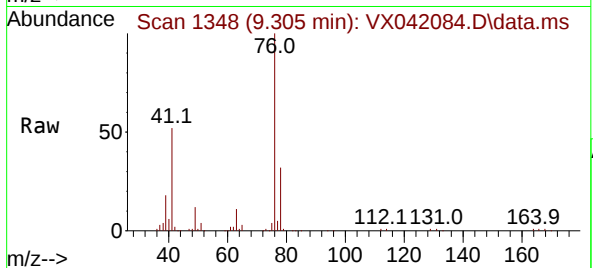
#57
1,3-Dichloropropane
Concen: 19.230 ug/l
RT: 9.305 min Scan# 1173
Delta R.T. -0.006 min
Lab File: VX042084.D
Acq: 28 Jun 2024 14:26

Instrument :
MSVOA_X
ClientSampleId :
VX0628WBS01

Tgt Ion: 76 Resp: 5824
Ion Ratio Lower Upper
76 100
78 33.0 26.1 39.1

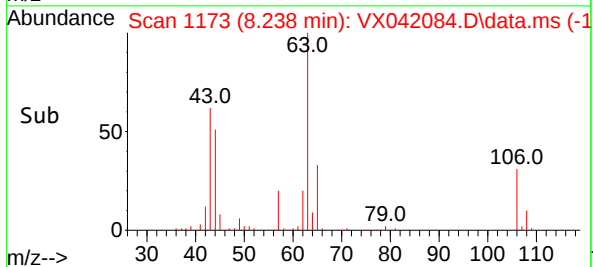
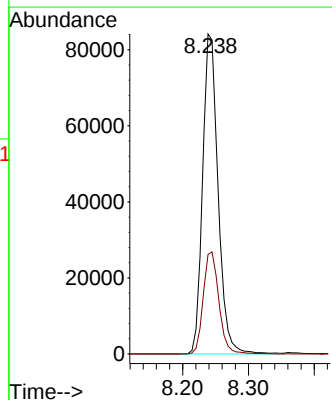
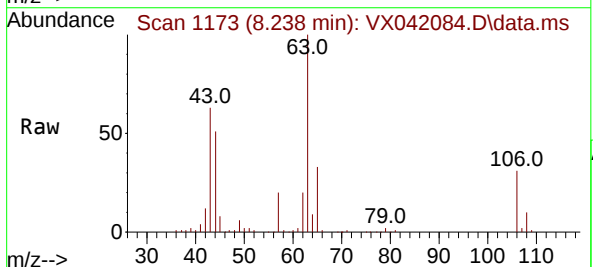
Manual Integrations
APPROVED

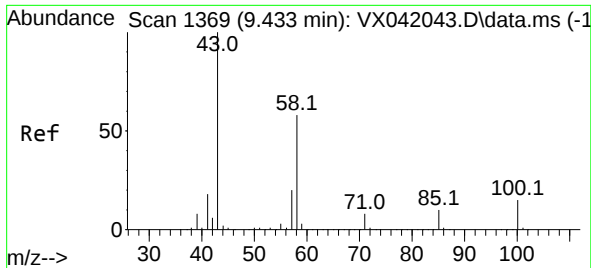
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024



#58
2-Chloroethyl Vinyl ether
Concen: 101.368 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.006 min
Lab File: VX042084.D
Acq: 28 Jun 2024 14:26

Tgt Ion: 63 Resp: 137775
Ion Ratio Lower Upper
63 100
106 32.2 22.5 33.7





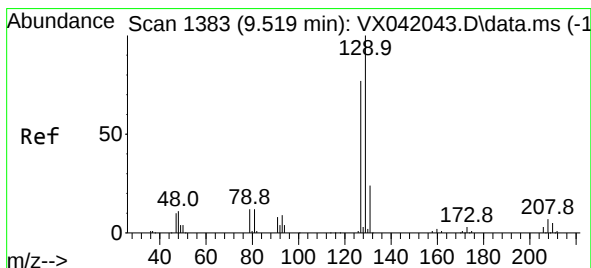
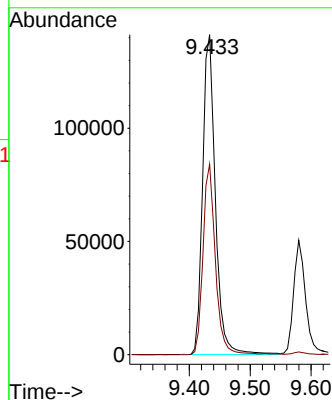
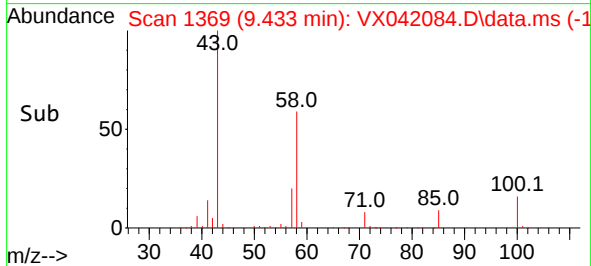
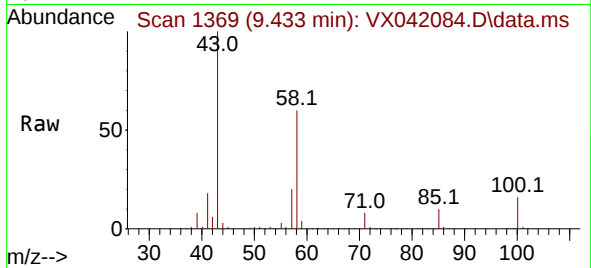
#59
2-Hexanone
Concen: 92.897 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX042084.D
Acq: 28 Jun 2024 14:26

Instrument :
MSVOA_X
ClientSampleId :
VX0628WBS01

Tgt Ion: 43 Resp: 205352
Ion Ratio Lower Upper
43 100
58 58.4 26.2 78.5

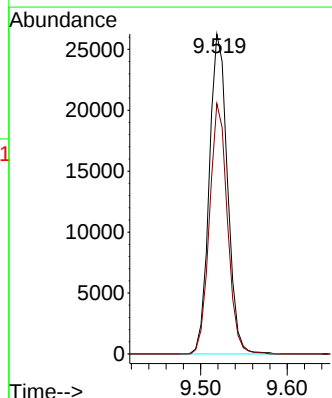
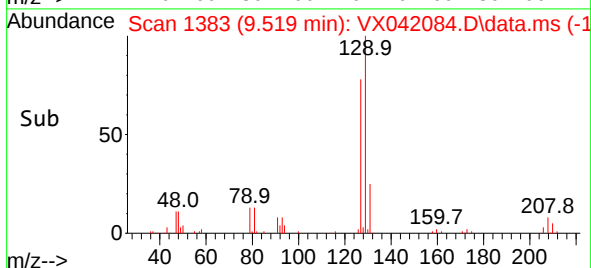
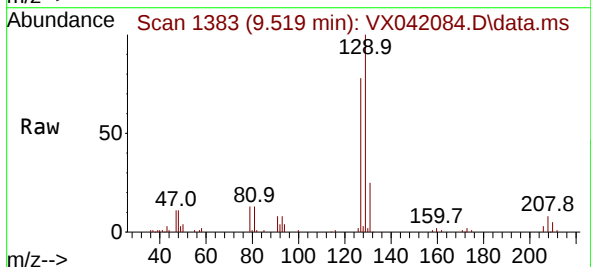
Manual Integrations
APPROVED

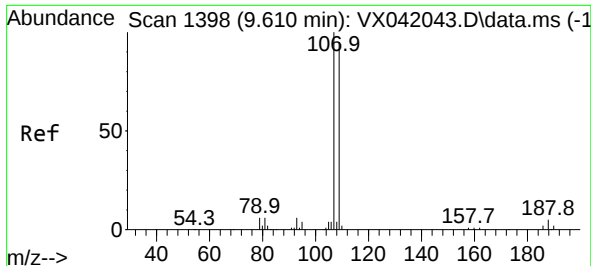
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024



#60
Dibromochloromethane
Concen: 18.825 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VX042084.D
Acq: 28 Jun 2024 14:26

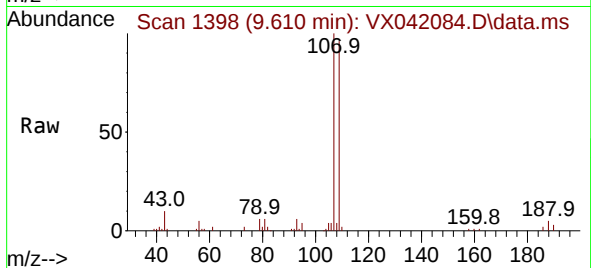
Tgt Ion:129 Resp: 38336
Ion Ratio Lower Upper
129 100
127 76.9 38.8 116.4





#61
1,2-Dibromoethane
Concen: 19.929 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX042084.D
Acq: 28 Jun 2024 14:26

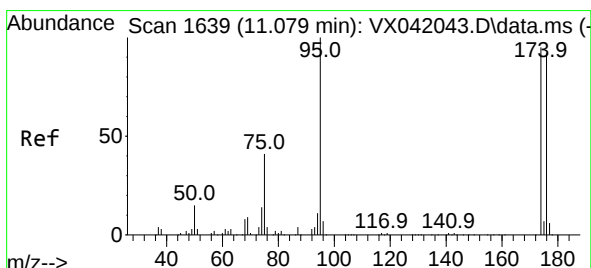
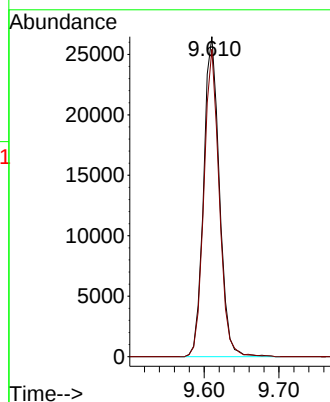
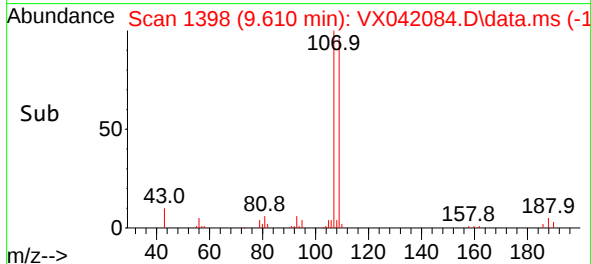
Instrument :
MSVOA_X
ClientSampleId :
VX0628WBS01



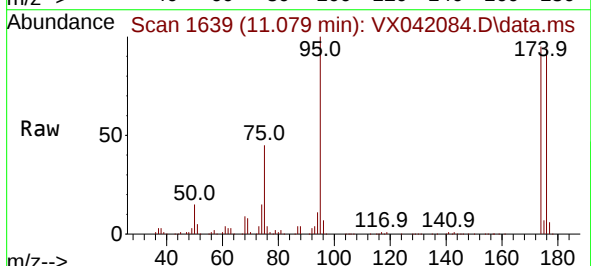
Tgt Ion:107 Resp: 38748
Ion Ratio Lower Upper
107 100
109 93.2 75.2 112.8

Manual Integrations
APPROVED

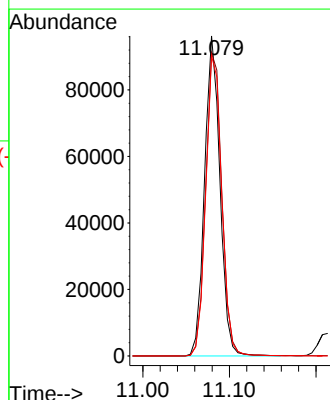
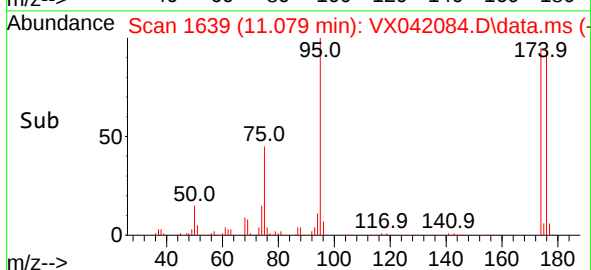
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024

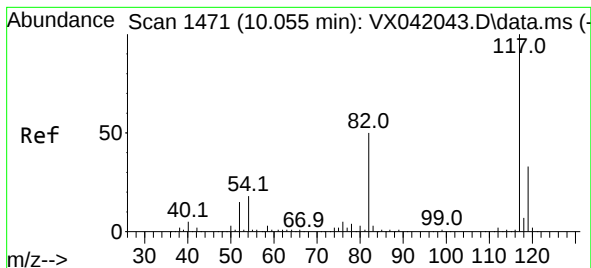


#62
4-Bromofluorobenzene
Concen: 46.424 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX042084.D
Acq: 28 Jun 2024 14:26



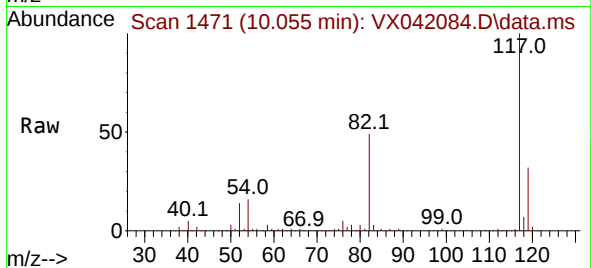
Tgt Ion: 95 Resp: 118634
Ion Ratio Lower Upper
95 100
174 99.6 0.0 135.6
176 97.4 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX042084.D
Acq: 28 Jun 2024 14:26

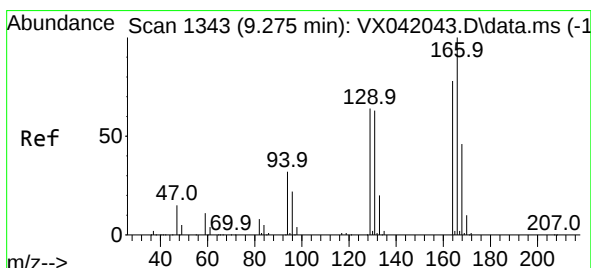
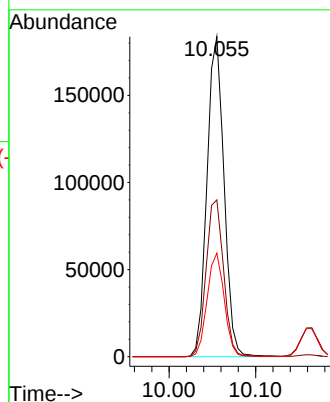
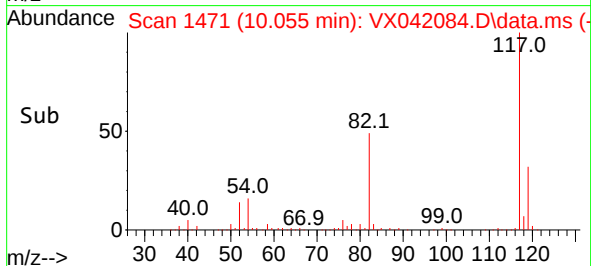
Instrument :
MSVOA_X
ClientSampleId :
VX0628WBS01



Tgt Ion:117 Resp: 25099
Ion Ratio Lower Upper
117 100
82 49.0 46.2 69.4
119 32.4 25.5 38.3

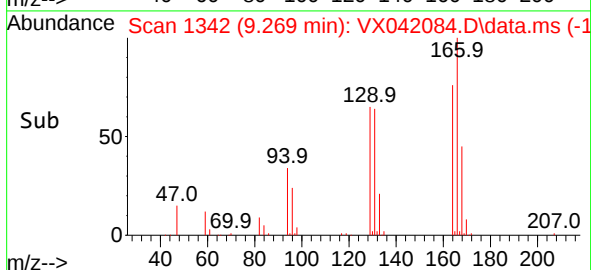
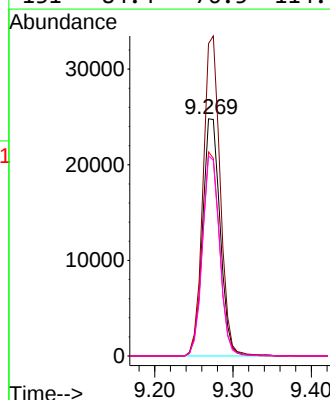
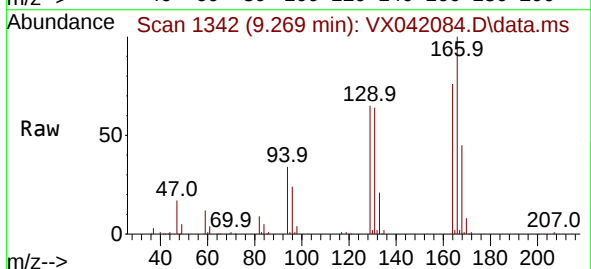
Manual Integrations
APPROVED

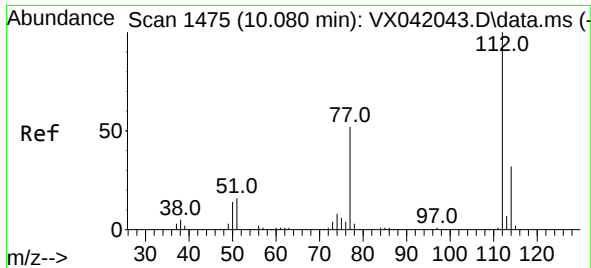
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024



#64
Tetrachloroethene
Concen: 21.051 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX042084.D
Acq: 28 Jun 2024 14:26

Tgt Ion:164 Resp: 38470
Ion Ratio Lower Upper
164 100
166 131.7 102.7 154.1
129 86.0 80.4 120.6
131 84.4 76.5 114.7





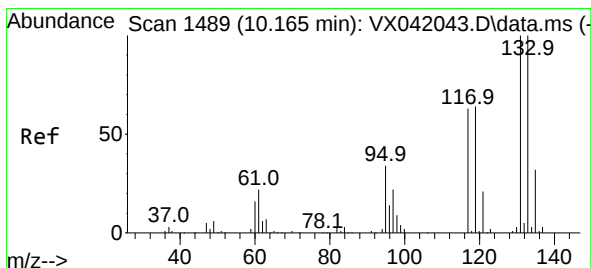
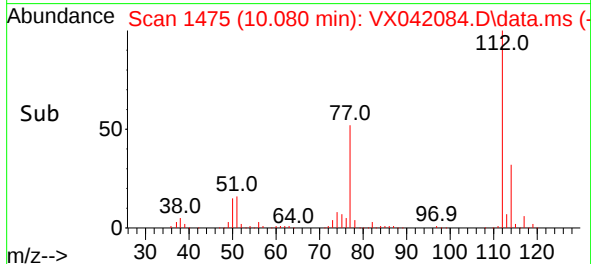
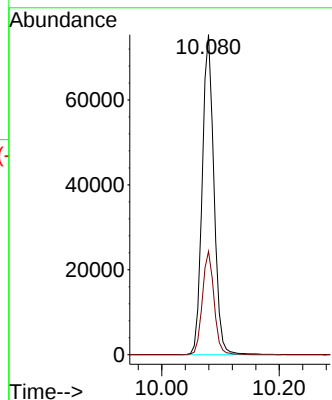
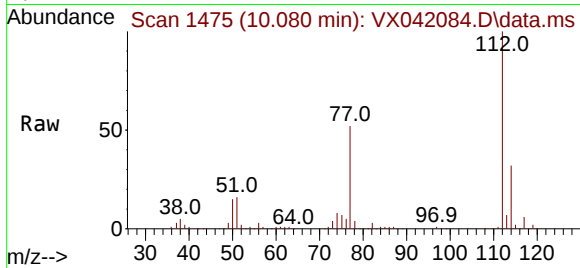
#65
Chlorobenzene
Concen: 19.971 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX042084.D
Acq: 28 Jun 2024 14:26

Instrument :
MSVOA_X
ClientSampleId :
VX0628WBS01

Tgt Ion:112 Resp: 104249
Ion Ratio Lower Upper
112 100
114 32.3 25.7 38.5

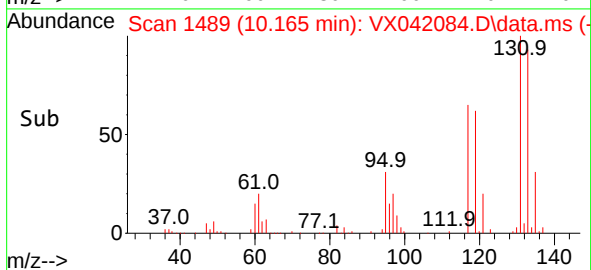
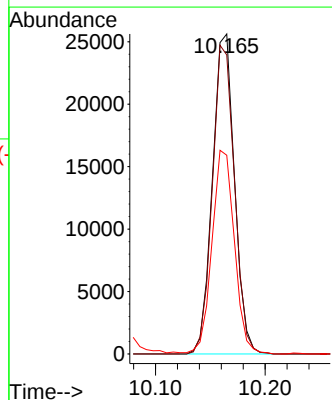
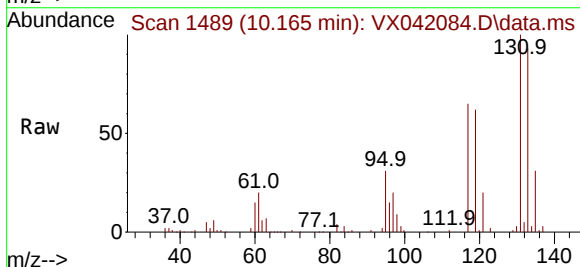
Manual Integrations
APPROVED

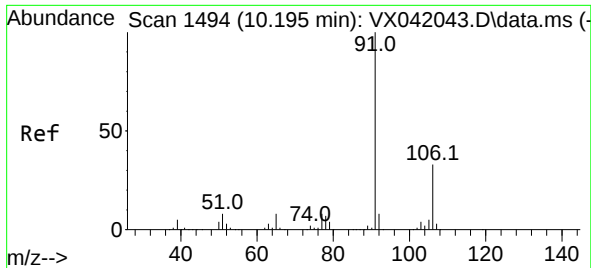
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 19.584 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX042084.D
Acq: 28 Jun 2024 14:26

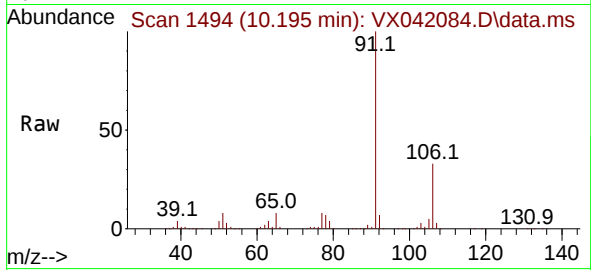
Tgt Ion:131 Resp: 35791
Ion Ratio Lower Upper
131 100
133 96.7 47.1 141.4
119 64.8 32.2 96.6





#67
Ethyl Benzene
Concen: 20.290 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX042084.D
Acq: 28 Jun 2024 14:26

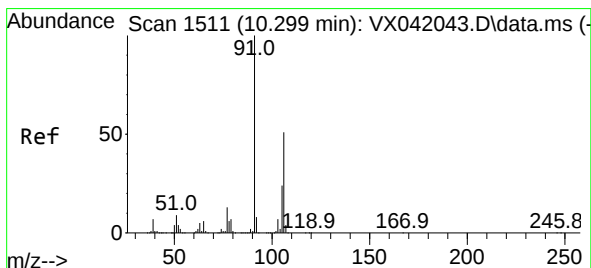
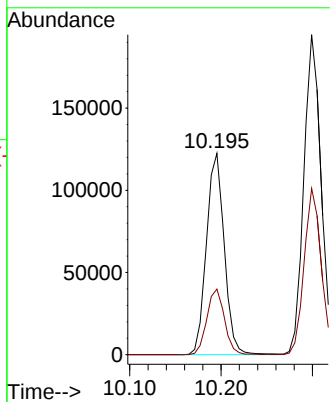
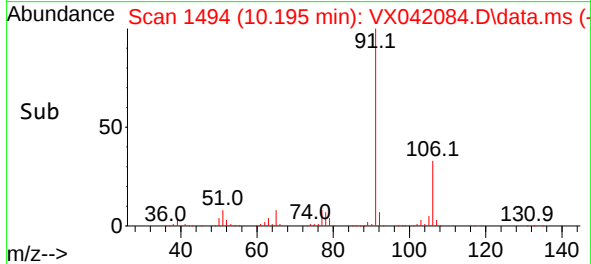
Instrument :
MSVOA_X
ClientSampleId :
VX0628WBS01



Tgt Ion: 91 Resp: 165980
Ion Ratio Lower Upper
91 100
106 32.6 24.9 37.3

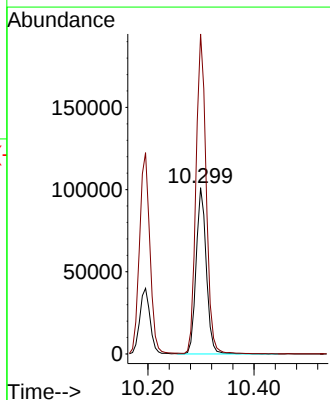
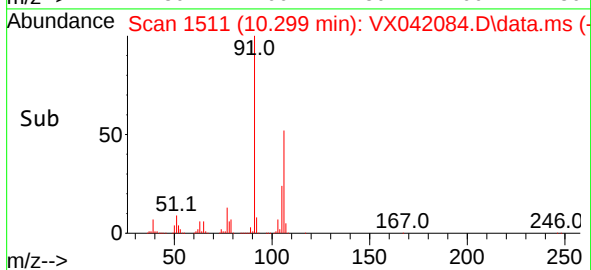
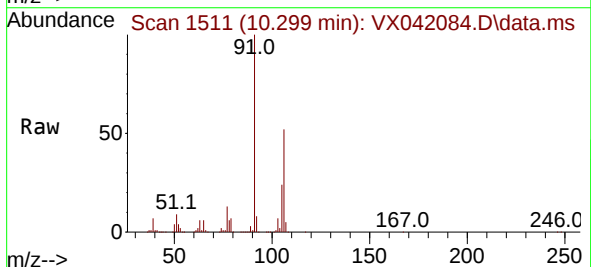
Manual Integrations
APPROVED

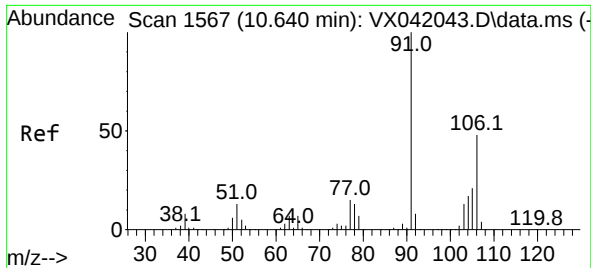
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024



#68
m/p-Xylenes
Concen: 40.658 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX042084.D
Acq: 28 Jun 2024 14:26

Tgt Ion:106 Resp: 134266
Ion Ratio Lower Upper
106 100
91 192.6 165.5 248.3





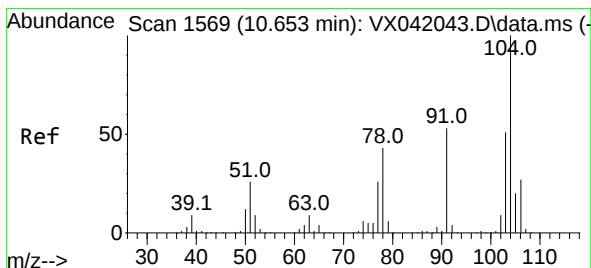
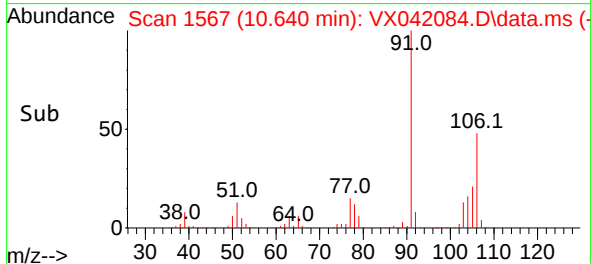
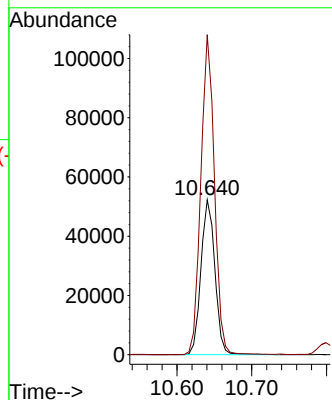
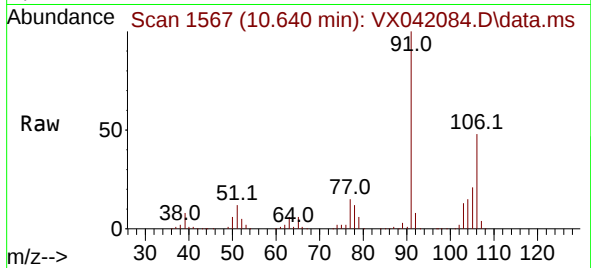
#69
o-Xylene
Concen: 20.703 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX042084.D
Acq: 28 Jun 2024 14:26

Instrument :
MSVOA_X
ClientSampleId :
VX0628WBS01

Tgt Ion:106 Resp: 67688
Ion Ratio Lower Upper
106 100
91 201.3 108.9 326.8

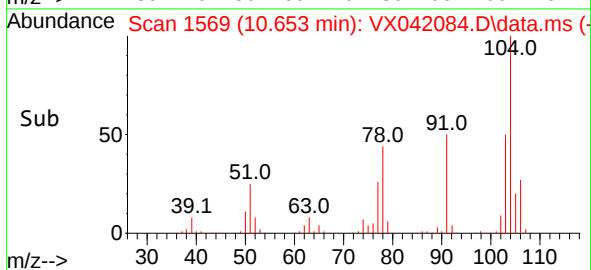
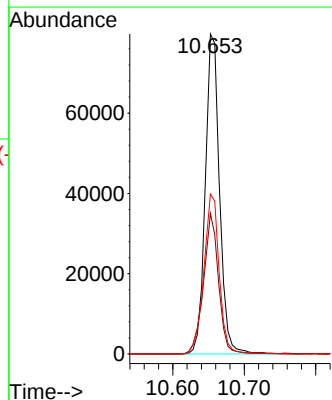
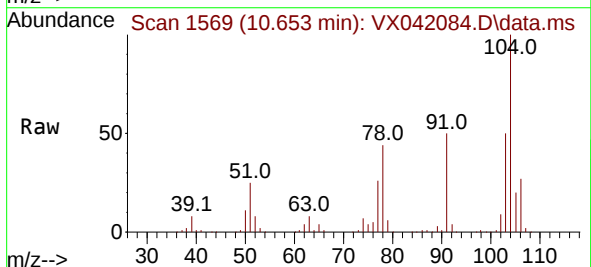
Manual Integrations
APPROVED

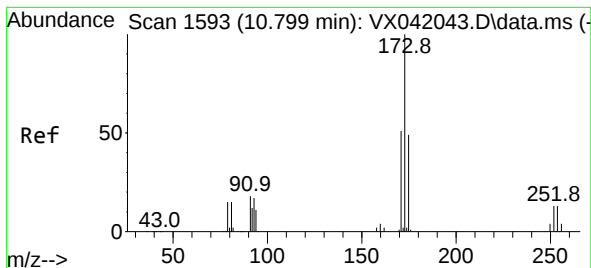
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024



#70
Styrene
Concen: 20.183 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VX042084.D
Acq: 28 Jun 2024 14:26

Tgt Ion:104 Resp: 110650
Ion Ratio Lower Upper
104 100
78 46.2 43.6 65.4
103 54.1 43.6 65.4





#71

Bromoform

Concen: 18.225 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX042084.D

Acq: 28 Jun 2024 14:26

Instrument :

MSVOA_X

ClientSampleId :

VX0628WBS01

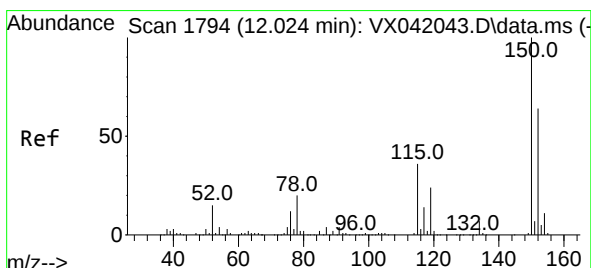
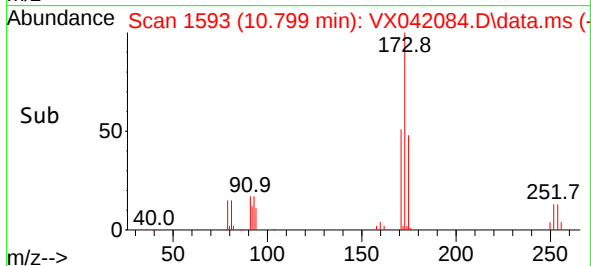
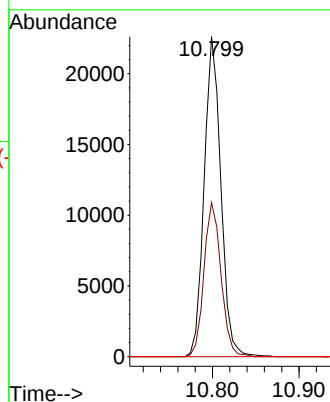
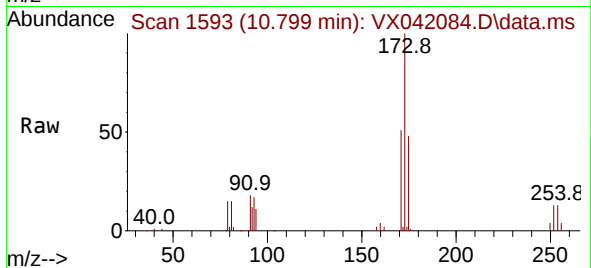
Tgt Ion:	173	Resp:	3029
Ion Ratio	Lower	Upper	
173	100		
175	49.1	24.1	72.4
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/01/2024

Supervised By :Mahesh Dadoda 07/01/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

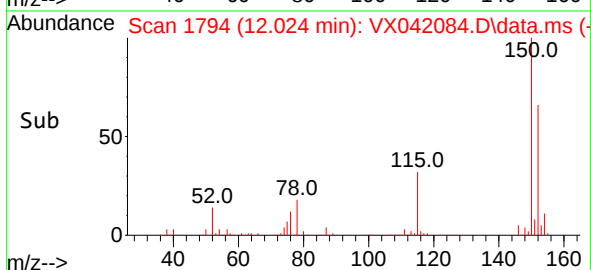
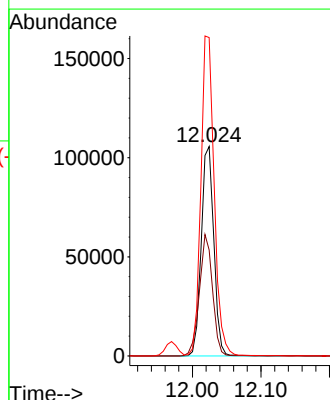
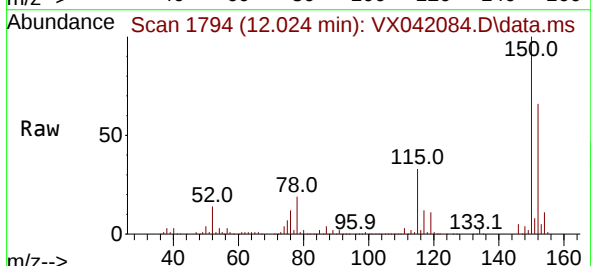
RT: 12.024 min Scan# 1794

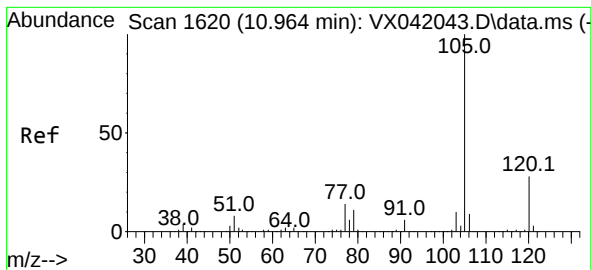
Delta R.T. 0.000 min

Lab File: VX042084.D

Acq: 28 Jun 2024 14:26

Tgt Ion:	152	Resp:	135489
Ion Ratio	Lower	Upper	
152	100		
115	60.4	43.3	129.9
150	161.4	0.0	345.0





#73

Isopropylbenzene

Concen: 20.814 ug/l

RT: 10.964 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX042084.D

Acq: 28 Jun 2024 14:26

Instrument :

MSVOA_X

ClientSampleId :

VX0628WBS01

Tgt Ion:105 Resp: 171472

Ion Ratio Lower Upper

105 100

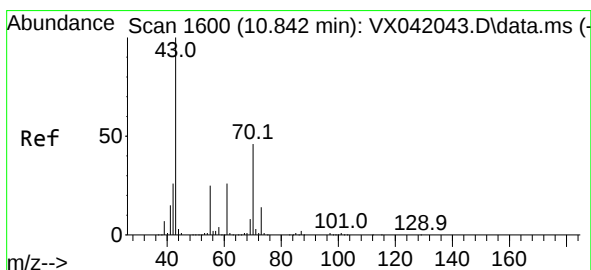
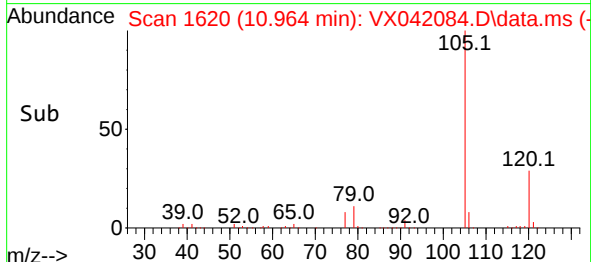
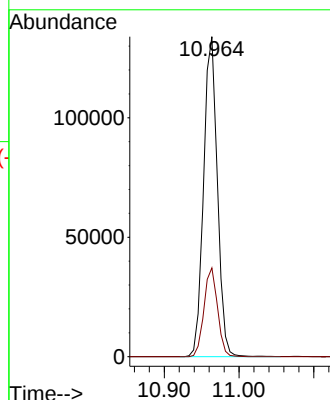
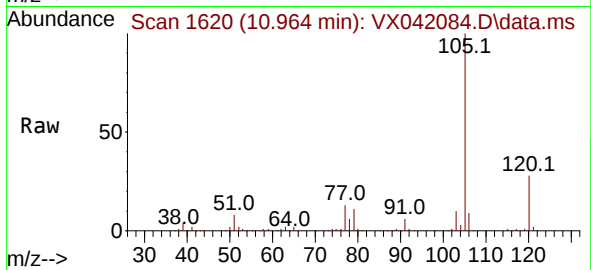
120 27.2 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/01/2024

Supervised By :Mahesh Dadoda 07/01/2024



#74

N-ethyl acetate

Concen: 18.435 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX042084.D

Acq: 28 Jun 2024 14:26

Tgt Ion: 43 Resp: 67461

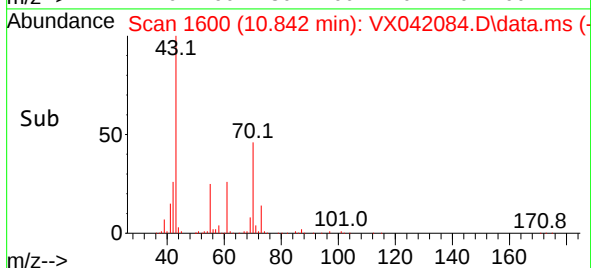
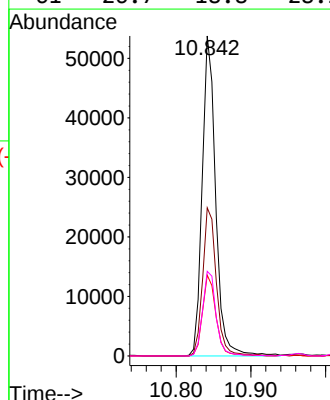
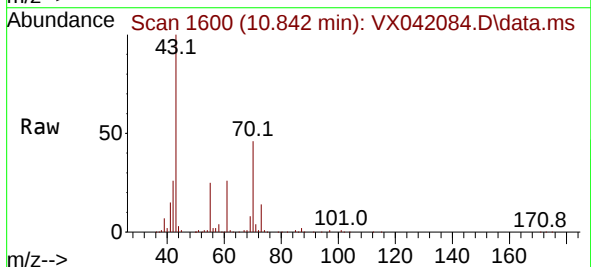
Ion Ratio Lower Upper

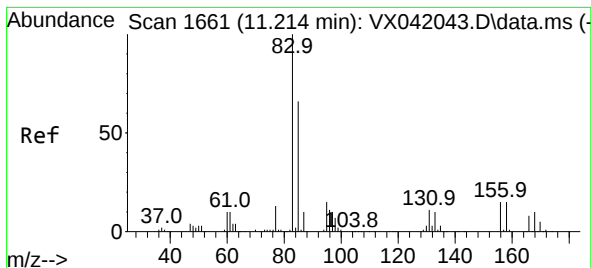
43 100

70 47.5 32.9 49.3

55 25.3 19.3 28.9

61 26.7 18.8 28.2





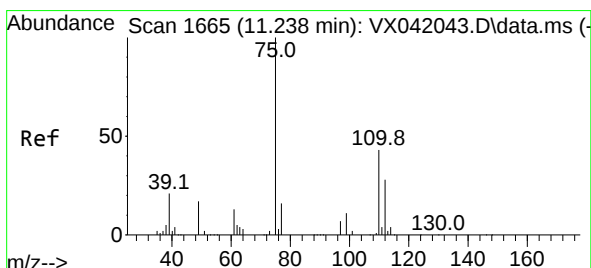
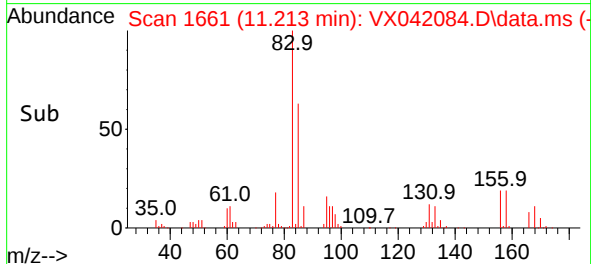
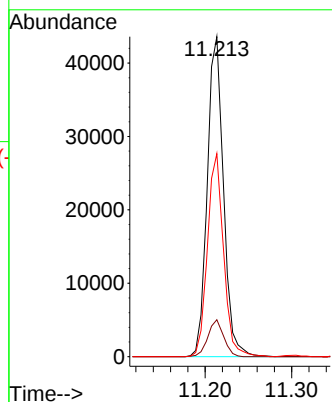
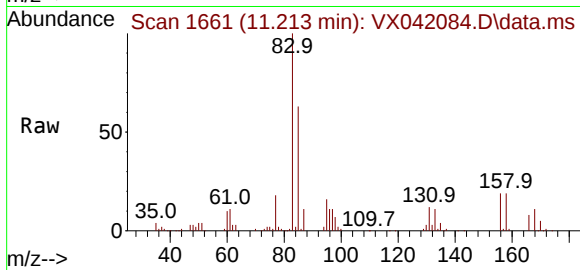
#75
1,1,2,2-Tetrachloroethane
Concen: 18.516 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX042084.D
Acq: 28 Jun 2024 14:26

Instrument :
MSVOA_X
ClientSampleId :
VX0628WBS01

Tgt Ion: 83 Resp: 5671
Ion Ratio Lower Upper
83 100
131 11.3 5.3 15.8
85 63.1 32.0 96.2

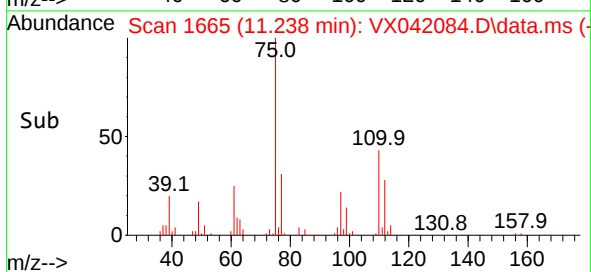
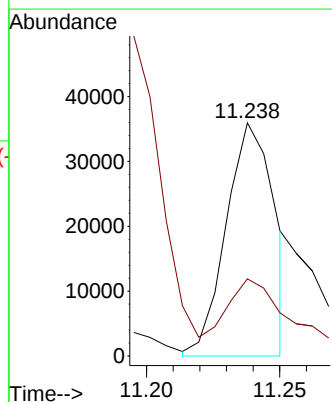
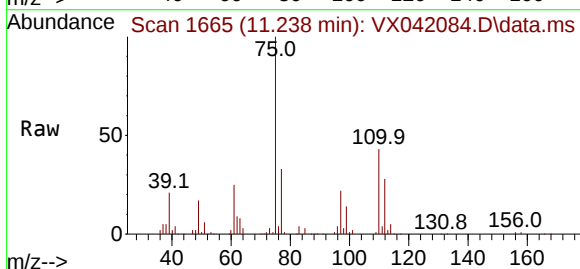
Manual Integrations
APPROVED

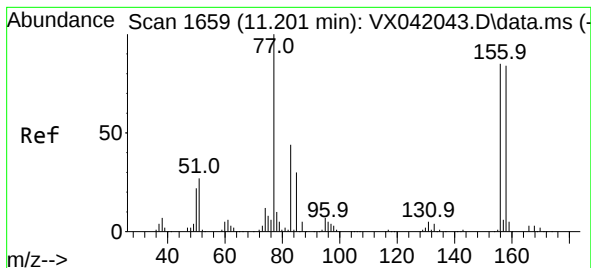
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024



#76
1,2,3-Trichloropropane
Concen: 18.389 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX042084.D
Acq: 28 Jun 2024 14:26

Tgt Ion: 75 Resp: 45231
Ion Ratio Lower Upper
75 100
77 45.1 19.1 57.5





#77

Bromobenzene

Concen: 20.299 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.006 min

Lab File: VX042084.D

Acq: 28 Jun 2024 14:26

Instrument :

MSVOA_X

ClientSampleId :

VX0628WBS01

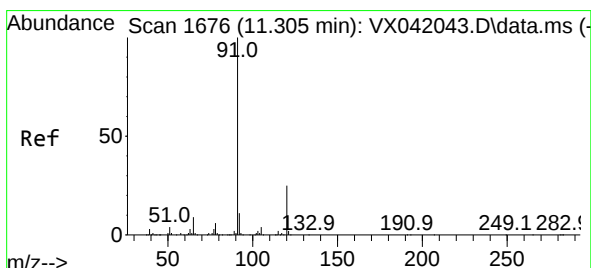
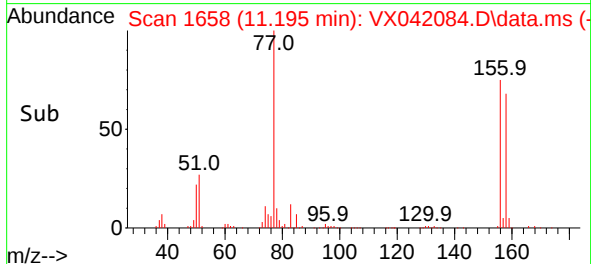
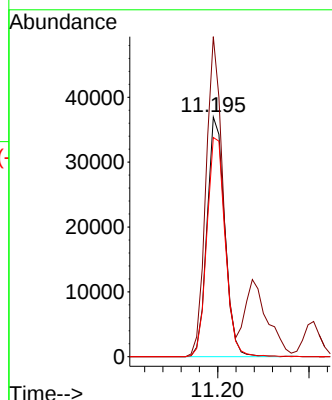
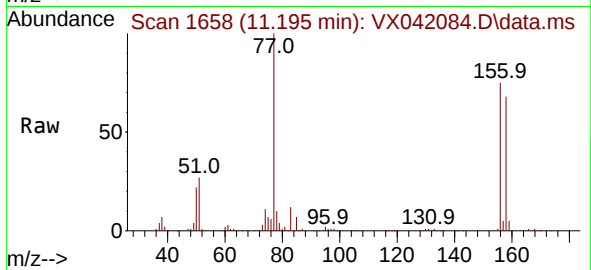
Tgt Ion:	156	Resp:	4980
Ion Ratio	Lower	Upper	
156	100		
77	126.4	88.4	265.3
158	94.9	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/01/2024

Supervised By :Mahesh Dadoda 07/01/2024



#78

n-propylbenzene

Concen: 20.268 ug/l

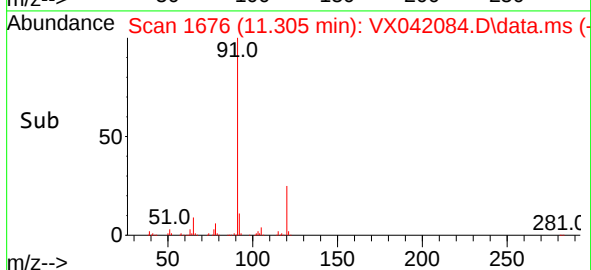
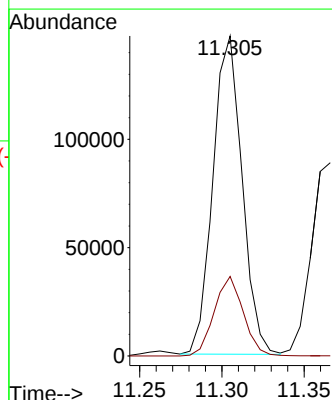
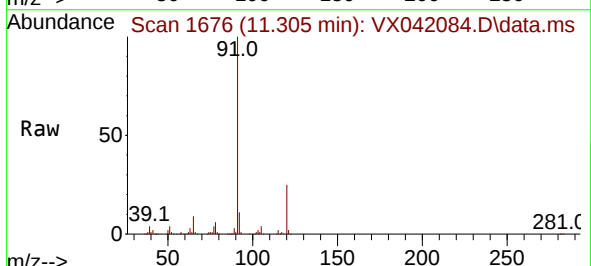
RT: 11.305 min Scan# 1676

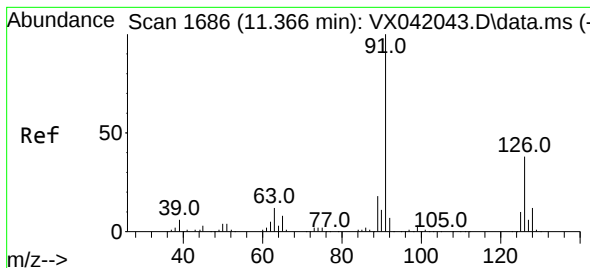
Delta R.T. 0.000 min

Lab File: VX042084.D

Acq: 28 Jun 2024 14:26

Tgt Ion:	91	Resp:	181169
Ion Ratio	Lower	Upper	
91	100		
120	24.9	11.5	34.4





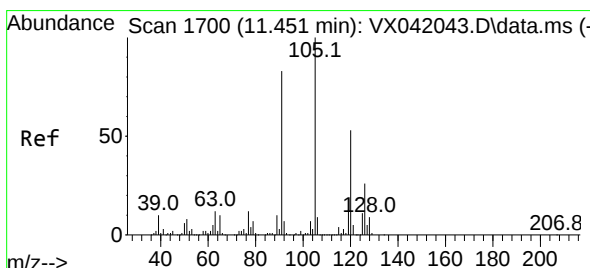
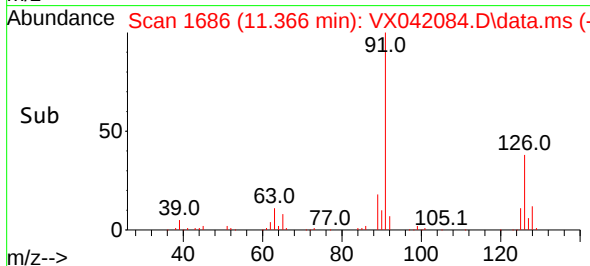
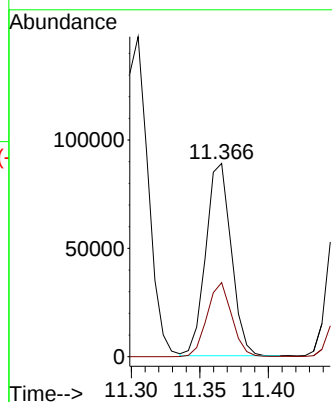
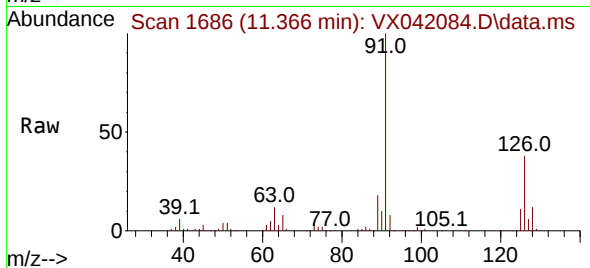
#79
2-Chlorotoluene
Concen: 19.925 ug/l
RT: 11.366 min Scan# 114749
Delta R.T. 0.000 min
Lab File: VX042084.D
Acq: 28 Jun 2024 14:26

Instrument :
MSVOA_X
ClientSampleId :
VX0628WBS01

Tgt Ion: 91 Resp: 114749
Ion Ratio Lower Upper
91 100
126 37.6 16.3 48.8

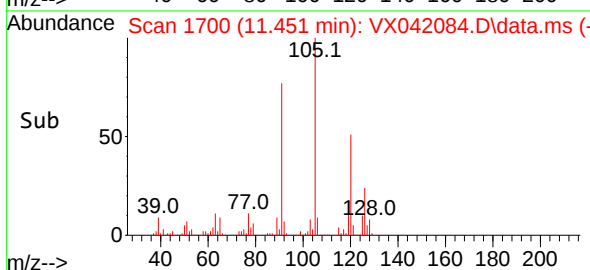
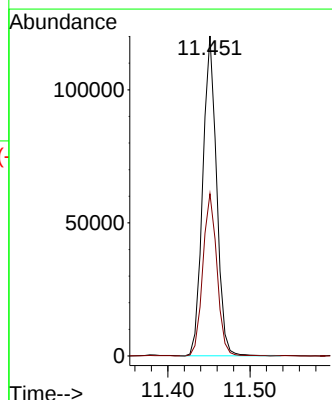
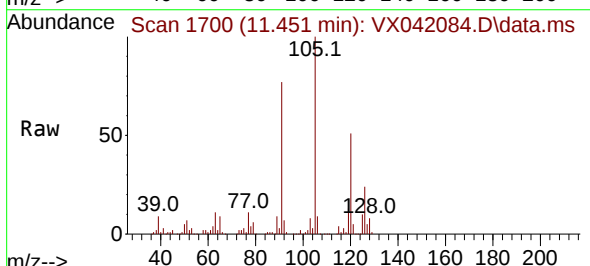
Manual Integrations
APPROVED

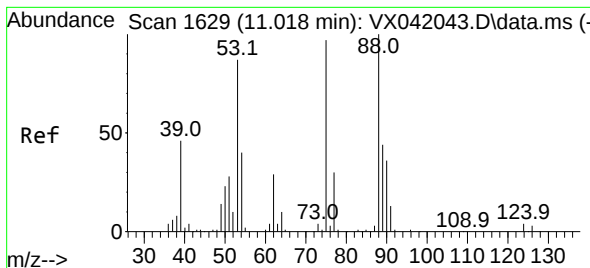
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024



#80
1,3,5-Trimethylbenzene
Concen: 20.428 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX042084.D
Acq: 28 Jun 2024 14:26

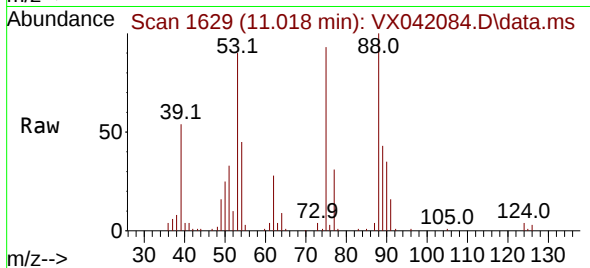
Tgt Ion:105 Resp: 140173
Ion Ratio Lower Upper
105 100
120 51.8 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 18.010 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX042084.D
Acq: 28 Jun 2024 14:26

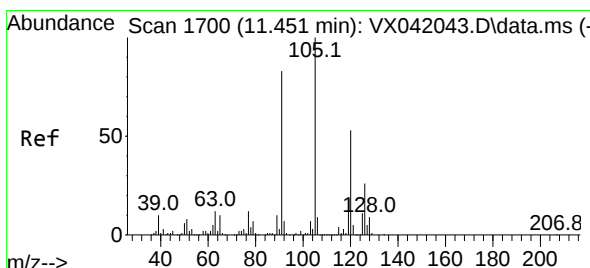
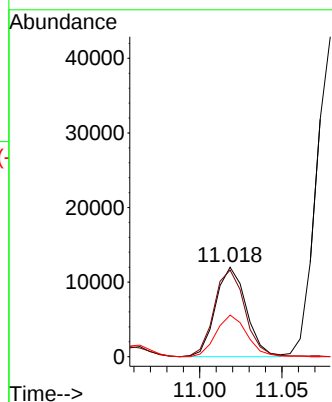
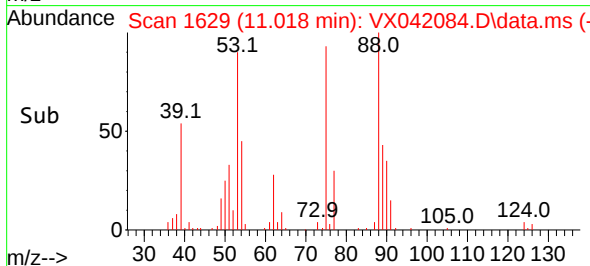
Instrument :
MSVOA_X
ClientSampleId :
VX0628WBS01



Tgt Ion: 75 Resp: 1559
Ion Ratio Lower Upper
75 100
53 98.3 90.5 135.7
89 46.8 36.9 55.3

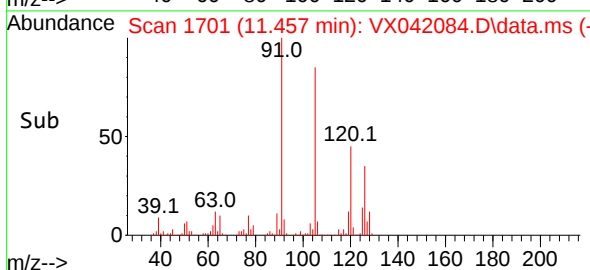
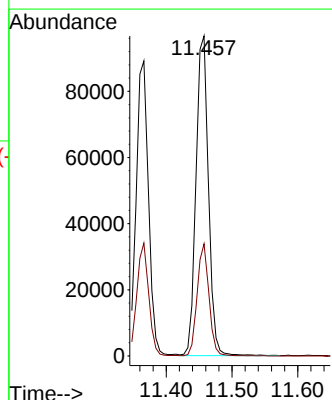
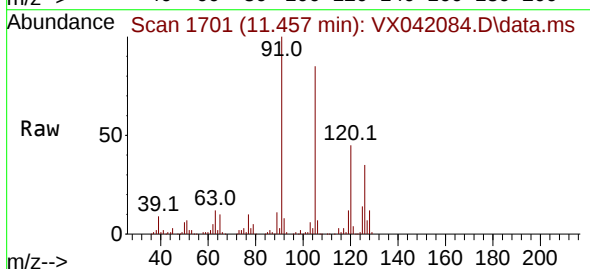
Manual Integrations
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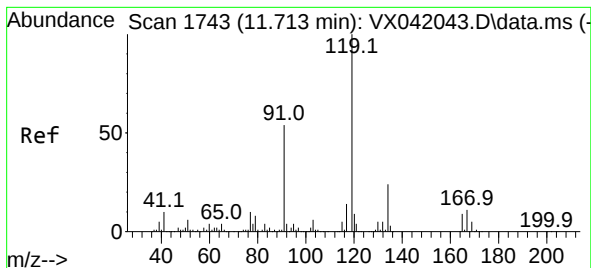
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024



#82
4-Chlorotoluene
Concen: 19.876 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX042084.D
Acq: 28 Jun 2024 14:26

Tgt Ion: 91 Resp: 126541
Ion Ratio Lower Upper
91 100
126 33.0 14.2 42.6





#83

tert-Butylbenzene

Concen: 19.823 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX042084.D

Acq: 28 Jun 2024 14:26

Instrument :

MSVOA_X

ClientSampleId :

VX0628WBS01

Tgt Ion:119 Resp: 14925

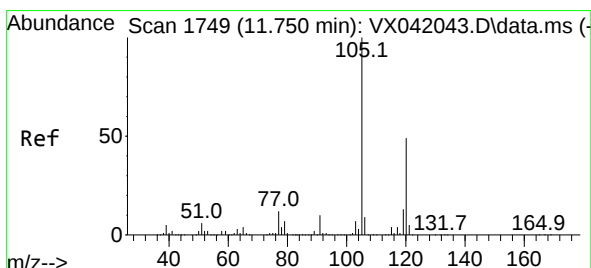
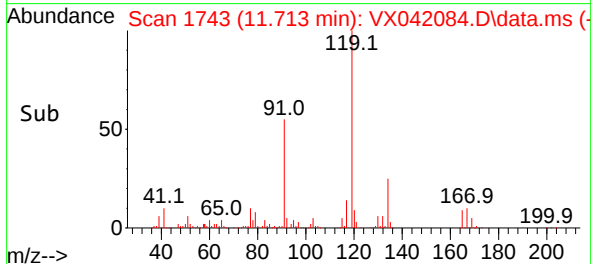
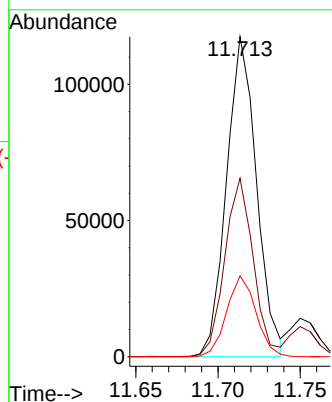
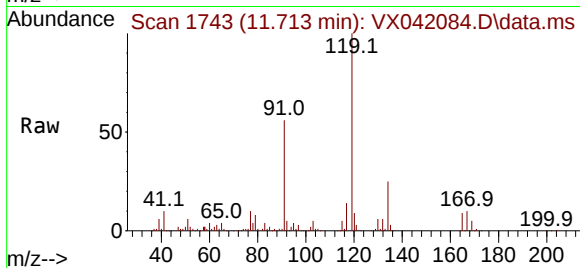
Ion	Ratio	Lower	Upper
119	100		
91	53.2	31.2	93.6
134	24.7	11.7	35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/01/2024

Supervised By :Mahesh Dadoda 07/01/2024



#84

1,2,4-Trimethylbenzene

Concen: 20.698 ug/l

RT: 11.750 min Scan# 1749

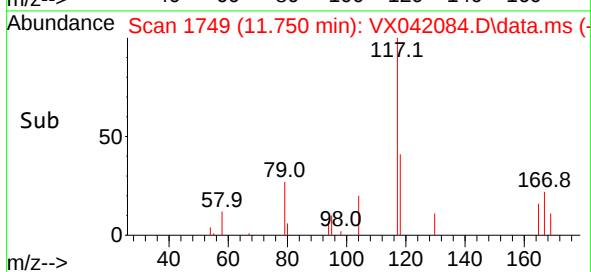
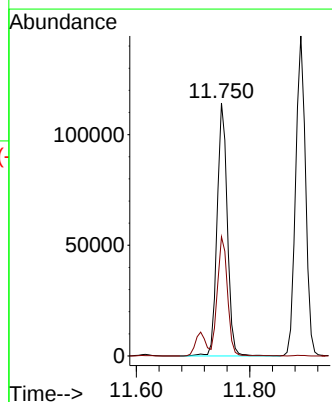
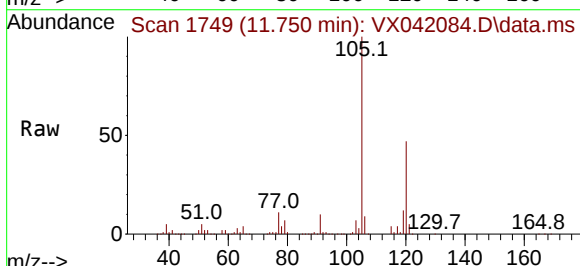
Delta R.T. 0.000 min

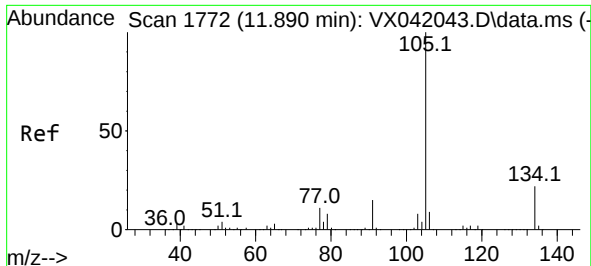
Lab File: VX042084.D

Acq: 28 Jun 2024 14:26

Tgt Ion:105 Resp: 142491

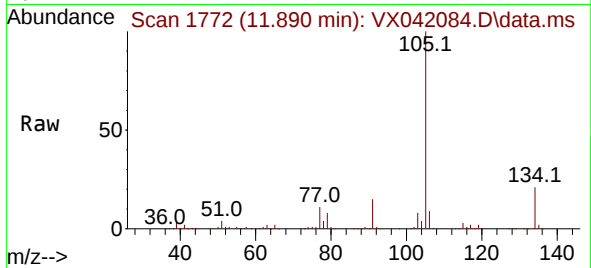
Ion	Ratio	Lower	Upper
105	100		
120	46.2	21.2	63.6





#85
 sec-Butylbenzene
 Concen: 20.604 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX042084.D
 Acq: 28 Jun 2024 14:26

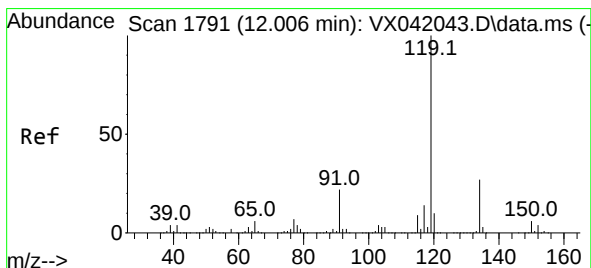
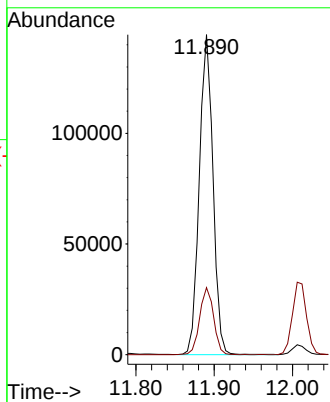
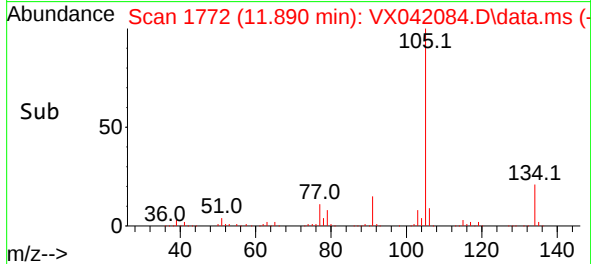
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0628WBS01



Tgt Ion:105 Resp: 175464
 Ion Ratio Lower Upper
 105 100
 134 21.3 9.8 29.4

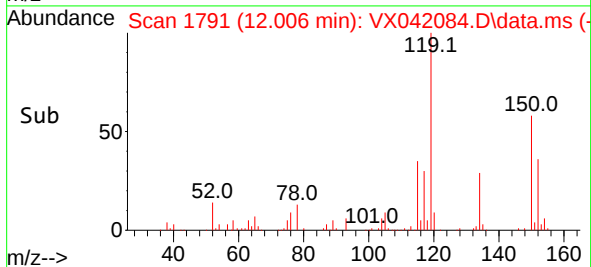
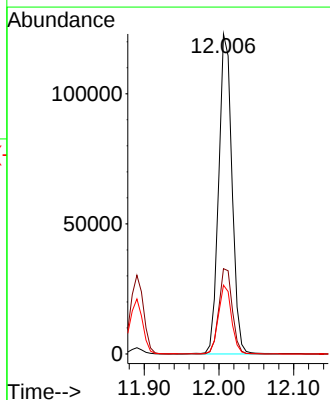
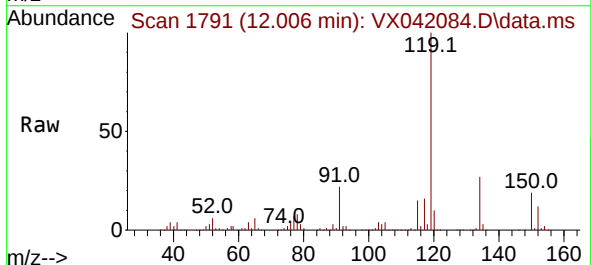
Manual Integrations
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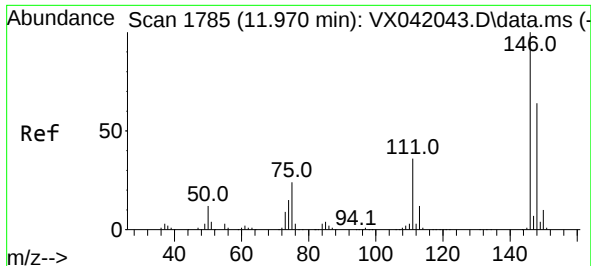
Reviewed By :John Carlone 07/01/2024
 Supervised By :Mahesh Dadoda 07/01/2024



#86
 p-Isopropyltoluene
 Concen: 20.500 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX042084.D
 Acq: 28 Jun 2024 14:26

Tgt Ion:119 Resp: 152505
 Ion Ratio Lower Upper
 119 100
 134 26.8 12.8 38.3
 91 21.3 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 20.007 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX042084.D

Acq: 28 Jun 2024 14:26

Instrument :

MSVOA_X

ClientSampleId :

VX0628WBS01

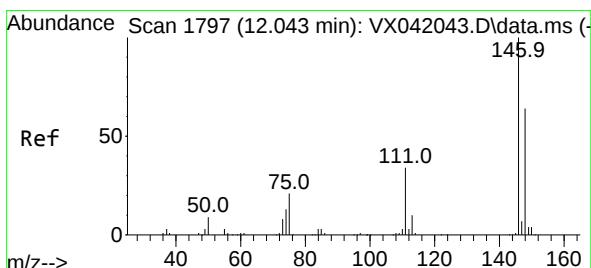
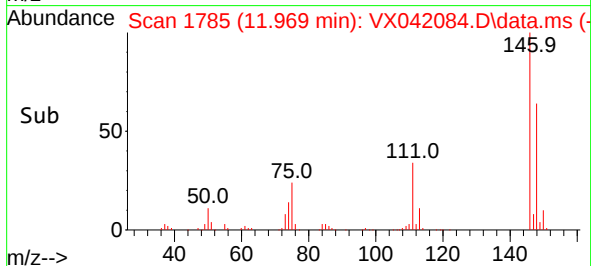
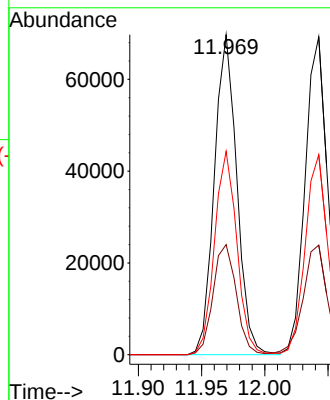
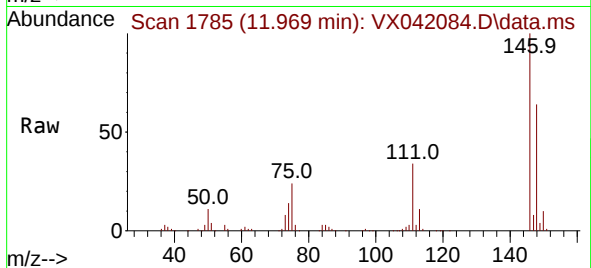
Tgt Ion:146 Resp: 86285
 Ion Ratio Lower Upper
 146 100
 111 35.5 22.1 66.1
 148 63.2 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/01/2024

Supervised By :Mahesh Dadoda 07/01/2024



#88

1,4-Dichlorobenzene

Concen: 19.431 ug/l

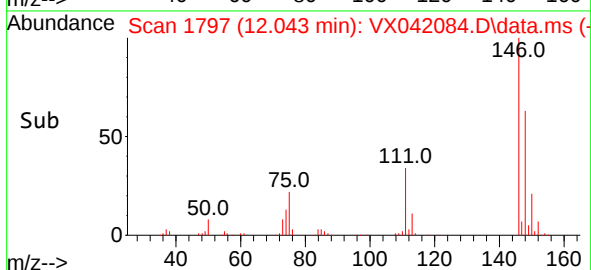
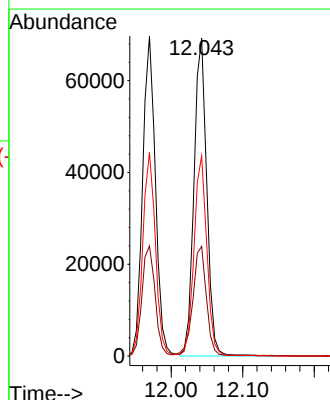
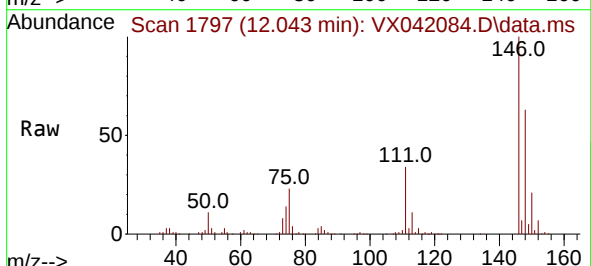
RT: 12.043 min Scan# 1797

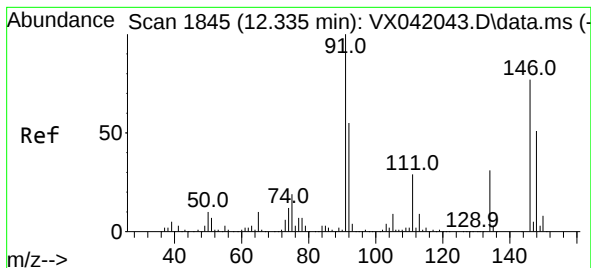
Delta R.T. 0.000 min

Lab File: VX042084.D

Acq: 28 Jun 2024 14:26

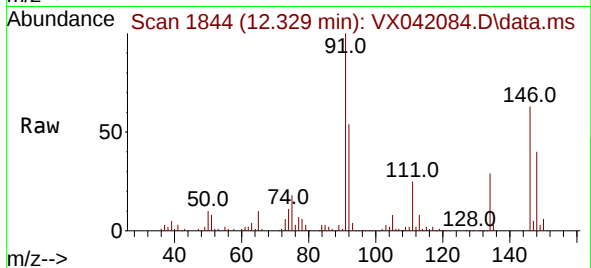
Tgt Ion:146 Resp: 85980
 Ion Ratio Lower Upper
 146 100
 111 36.4 21.3 63.7
 148 62.7 31.8 95.4





#89
n-Butylbenzene
Concen: 19.379 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.006 min
Lab File: VX042084.D
Acq: 28 Jun 2024 14:26

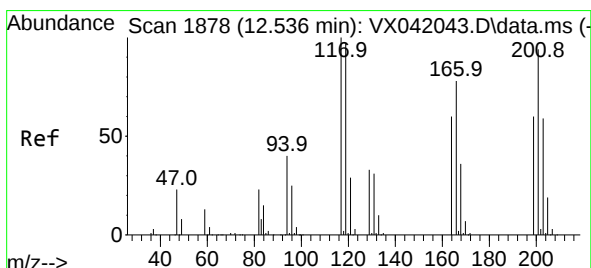
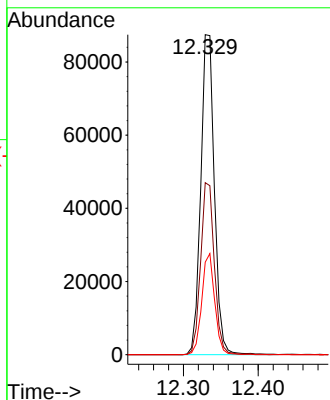
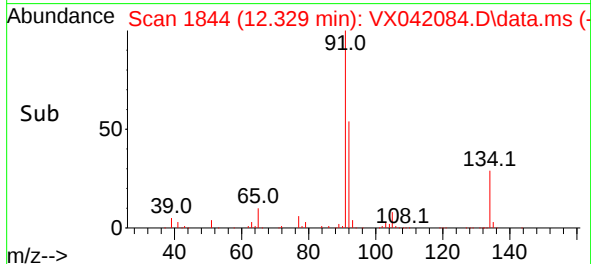
Instrument :
MSVOA_X
ClientSampleId :
VX0628WBS01



Tgt Ion: 91 Resp: 11097
Ion Ratio Lower Upper
91 100
92 54.1 27.4 82.0
134 30.0 12.6 37.8

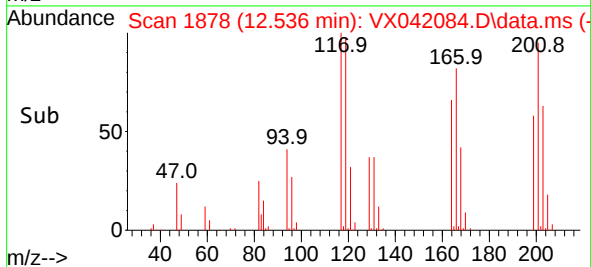
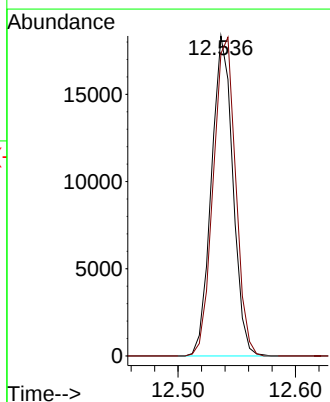
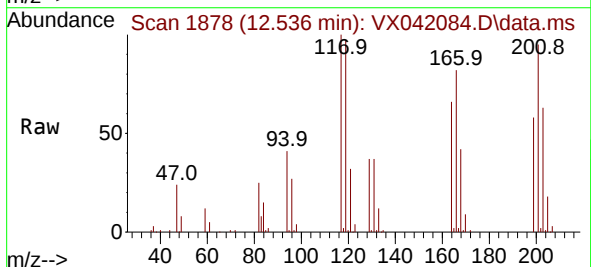
Manual Integrations
APPROVED

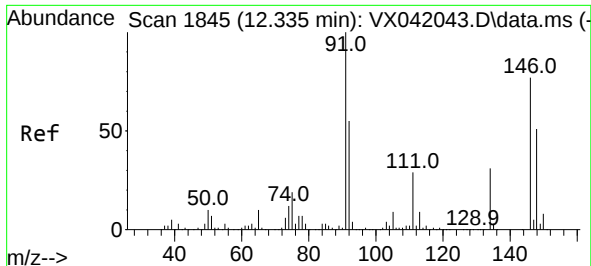
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024



#90
Hexachloroethane
Concen: 18.419 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX042084.D
Acq: 28 Jun 2024 14:26

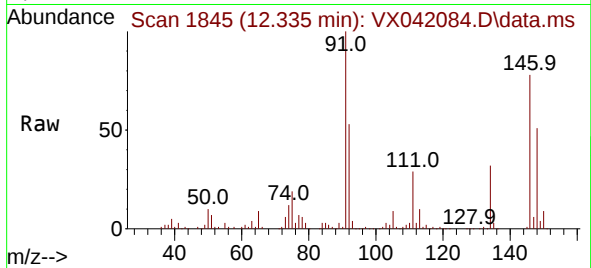
Tgt Ion:117 Resp: 23328
Ion Ratio Lower Upper
117 100
201 103.4 32.9 98.6#





#91
1,2-Dichlorobenzene
Concen: 19.467 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX042084.D
Acq: 28 Jun 2024 14:26

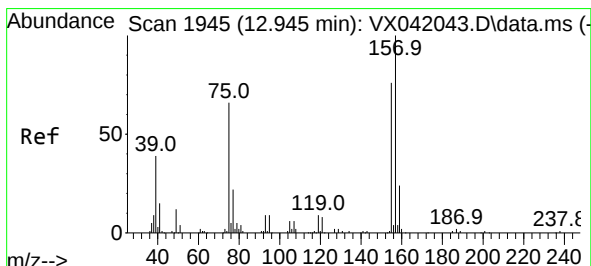
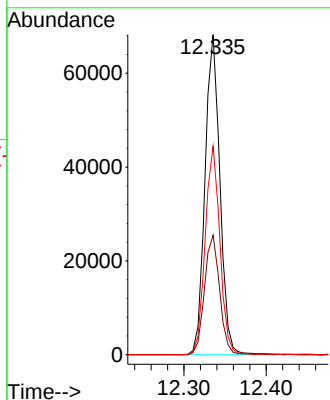
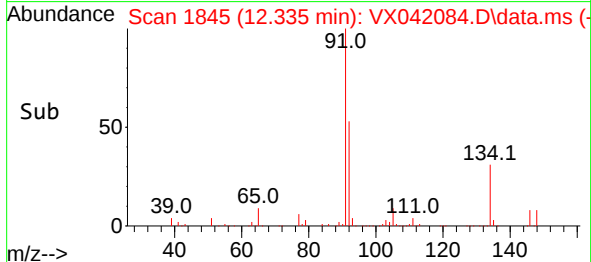
Instrument :
MSVOA_X
ClientSampleId :
VX0628WBS01



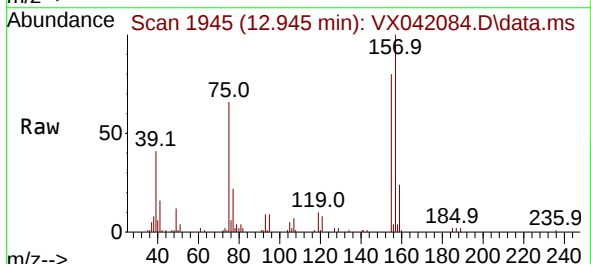
Tgt Ion:146 Resp: 85909
Ion Ratio Lower Upper
146 100
111 38.0 22.4 67.0
148 64.6 31.6 95.0

Manual Integrations
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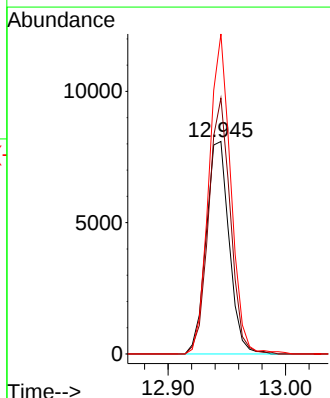
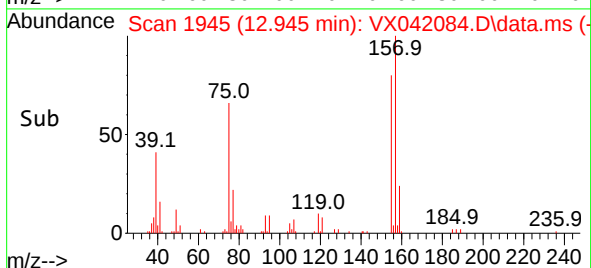
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024

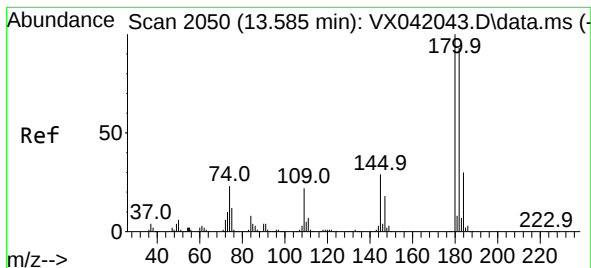


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.129 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX042084.D
Acq: 28 Jun 2024 14:26



Tgt Ion: 75 Resp: 11005
Ion Ratio Lower Upper
75 100
155 113.6 36.1 108.5#
157 142.3 44.9 134.7#





#93

1,2,4-Trichlorobenzene

Concen: 19.281 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX042084.D

Acq: 28 Jun 2024 14:26

Instrument :

MSVOA_X

ClientSampleId :

VX0628WBS01

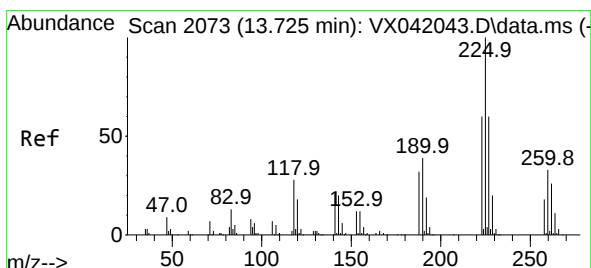
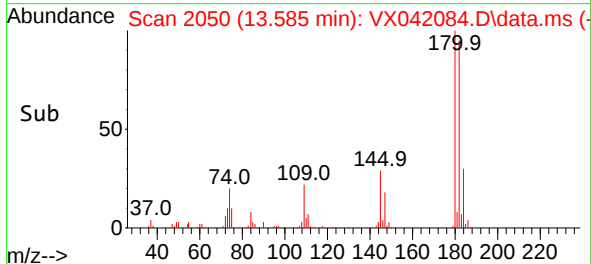
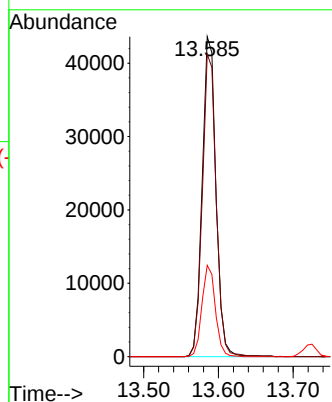
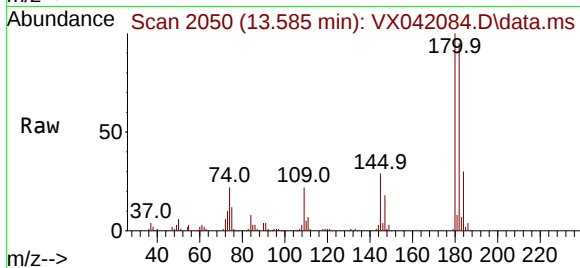
Tgt Ion:	180	Resp:	55738
Ion Ratio	Lower	Upper	
180	100		
182	94.8	48.3	144.8
145	27.8	18.0	54.0

Manual Integrations

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Reviewed By :John Carlone 07/01/2024

Supervised By :Mahesh Dadoda 07/01/2024



#94

Hexachlorobutadiene

Concen: 19.465 ug/l

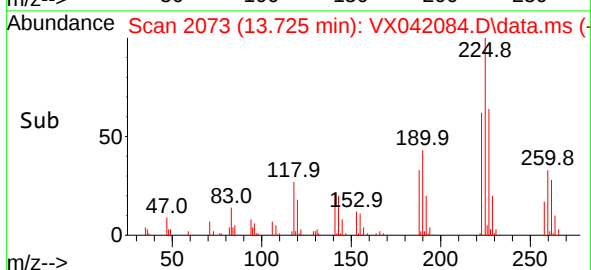
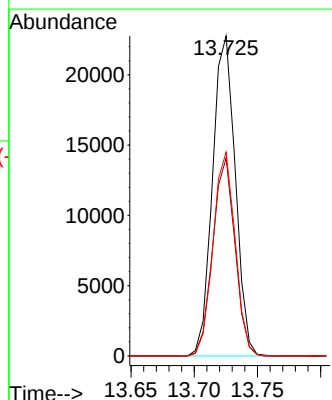
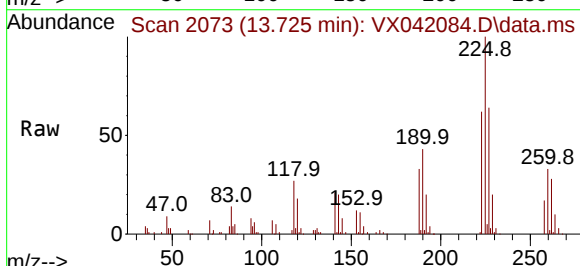
RT: 13.725 min Scan# 2073

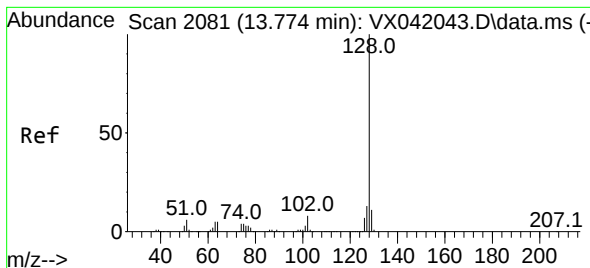
Delta R.T. 0.000 min

Lab File: VX042084.D

Acq: 28 Jun 2024 14:26

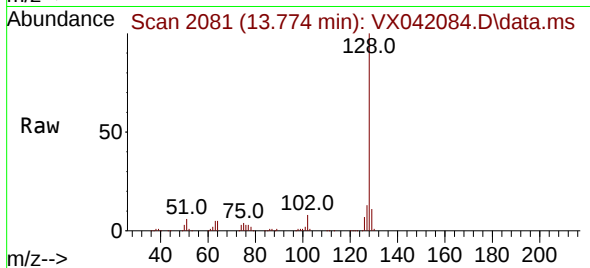
Tgt Ion:	225	Resp:	28455
Ion Ratio	Lower	Upper	
225	100		
223	60.4	31.1	93.2
227	61.8	32.5	97.5





#95
Naphthalene
Concen: 18.276 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX042084.D
Acq: 28 Jun 2024 14:26

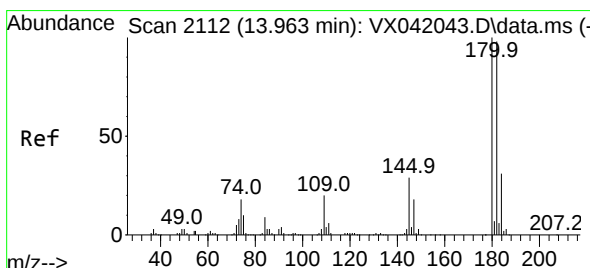
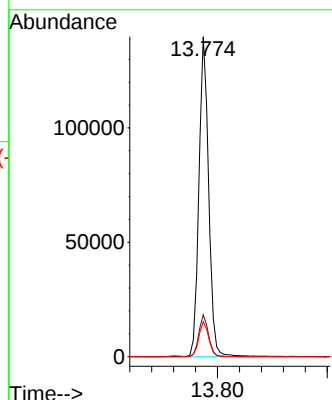
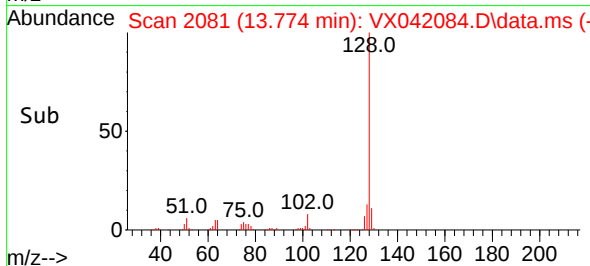
Instrument :
MSVOA_X
ClientSampleId :
VX0628WBS01



Tgt Ion:128 Resp: 17285
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.1 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024



#96
1,2,3-Trichlorobenzene
Concen: 19.353 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX042084.D
Acq: 28 Jun 2024 14:26

Tgt Ion:180 Resp: 59007
Ion Ratio Lower Upper
180 100
182 95.5 46.9 140.6
145 29.6 17.8 53.5

