

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061824\
 Data File : VX041913.D
 Acq On : 18 Jun 2024 10:16
 Operator : JC/MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/19/2024
 Supervised By : Mahesh Dadoda 06/19/2024

Quant Time: Jun 19 07:49:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 19 07:27:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.549	168	195645	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	281090	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	256017	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	136379	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	45143	20.010	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	40.020%#		
35) Dibromofluoromethane	5.385	113	39872	19.991	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	39.980%#		
50) Toluene-d8	8.646	98	142660	20.360	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	40.720%#		
62) 4-Bromofluorobenzene	11.079	95	50635	19.604	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	39.200%#		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	30583	20.519	ug/l	97
3) Chloromethane	1.300	50	38526	20.603	ug/l	99
4) Vinyl Chloride	1.373	62	38701	20.647	ug/l	96
5) Bromomethane	1.599	94	18165	19.626	ug/l	99
6) Chloroethane	1.666	64	18097	21.468	ug/l	97
7) Trichlorofluoromethane	1.855	101	48272	19.657	ug/l	98
8) Diethyl Ether	2.135	74	23869	20.706	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.306	101	34726	20.528	ug/l #	86
10) Methyl Iodide	2.434	142	44402	21.118	ug/l #	87
11) Tert butyl alcohol	3.019	59	36783	85.910	ug/l	97
12) 1,1-Dichloroethene	2.300	96	35271	20.902	ug/l	86
13) Acrolein	2.245	56	47785	99.563	ug/l	98
14) Allyl chloride	2.654	41	53877	20.132	ug/l	90
15) Acrylonitrile	3.080	53	110188	98.527	ug/l	95
16) Acetone	2.404	43	91747	92.615	ug/l #	86
17) Carbon Disulfide	2.495	76	69071	20.075	ug/l	100
18) Methyl Acetate	2.715	43	52741	19.517	ug/l	95
19) Methyl tert-butyl Ether	3.123	73	114300	20.503	ug/l	98
20) Methylene Chloride	2.782	84	42369	19.533	ug/l	92
21) trans-1,2-Dichloroethene	3.080	96	36171	21.120	ug/l	87
22) Diisopropyl ether	3.775	45	117954	20.852	ug/l #	82
23) Vinyl Acetate	3.727	43	518569	107.342	ug/l	96
24) 1,1-Dichloroethane	3.605	63	66261	20.917	ug/l	98
25) 2-Butanone	4.580	43	156034	101.244	ug/l	95
26) 2,2-Dichloropropane	4.470	77	47140	20.549	ug/l	92
27) cis-1,2-Dichloroethene	4.489	96	44702	20.840	ug/l	87
28) Bromochloromethane	4.903	49	30800	22.700	ug/l #	75
29) Tetrahydrofuran	5.025	42	103168	103.651	ug/l	94
30) Chloroform	5.098	83	68427	20.733	ug/l	97
31) Cyclohexane	5.458	56	55119	20.891	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	56914	20.638	ug/l	97
36) 1,1-Dichloropropene	5.690	75	43938	20.746	ug/l	94
37) Ethyl Acetate	4.733	43	58797	21.311	ug/l	97
38) Carbon Tetrachloride	5.671	117	47391	20.252	ug/l	96
39) Methylcyclohexane	7.378	83	57935	21.629	ug/l	92
40) Benzene	6.037	78	152422	21.338	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	31090	20.788	ug/l	92
42) 1,2-Dichloroethane	6.092	62	48618	21.130	ug/l	92
43) Isopropyl Acetate	6.354	43	86110	20.334	ug/l #	94
44) Trichloroethene	7.128	130	40993	21.410	ug/l	84
45) 1,2-Dichloropropane	7.433	63	36910	21.015	ug/l	100
46) Dibromomethane	7.580	93	26872	20.998	ug/l #	77
47) Bromodichloromethane	7.823	83	47264	20.116	ug/l	95
48) Methyl methacrylate	7.702	41	42556	21.056	ug/l	87
49) 1,4-Dioxane	7.677	88	16751	326.924	ug/l #	88
51) 4-Methyl-2-Pentanone	8.579	43	304015	104.217	ug/l	94
52) Toluene	8.720	92	97298	21.391	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	47060	19.785	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	53820	20.923	ug/l #	89
55) 1,1,2-Trichloroethane	9.152	97	39848	21.029	ug/l	97
56) Ethyl methacrylate	9.122	69	60495	20.521	ug/l #	90
57) 1,3-Dichloropropane	9.311	76	63849	20.856	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	150374	109.463	ug/l	94
59) 2-Hexanone	9.439	43	235170	105.256	ug/l	94
60) Dibromochloromethane	9.524	129	41025	19.932	ug/l	100
61) 1,2-Dibromoethane	9.610	107	41652	21.196	ug/l	100
64) Tetrachloroethene	9.274	164	39602	21.245	ug/l	90
65) Chlorobenzene	10.079	112	110631	20.778	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.164	131	37690	20.218	ug/l	98
67) Ethyl Benzene	10.195	91	175569	21.040	ug/l	98
68) m/p-Xylenes	10.305	106	144043	42.763	ug/l	91
69) o-Xylene	10.640	106	71169	21.341	ug/l	91
70) Styrene	10.658	104	119169	21.310	ug/l	94
71) Bromoform	10.799	173	32633	19.179	ug/l #	99
73) Isopropylbenzene	10.963	105	177751	21.435	ug/l	96
74) N-amyl acetate	10.847	43	77352	21.000	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	63240	20.510	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	48595m	19.628	ug/l	
77) Bromobenzene	11.201	156	52388	21.212	ug/l	80
78) n-propylbenzene	11.305	91	192571	21.403	ug/l	95
79) 2-Chlorotoluene	11.365	91	123089	21.233	ug/l	93
80) 1,3,5-Trimethylbenzene	11.451	105	149695	21.673	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	16434	18.851	ug/l	95
82) 4-Chlorotoluene	11.457	91	137513	21.459	ug/l	92
83) tert-Butylbenzene	11.713	119	160269	21.147	ug/l	89
84) 1,2,4-Trimethylbenzene	11.750	105	150948	21.783	ug/l	93
85) sec-Butylbenzene	11.890	105	185113	21.595	ug/l	96
86) p-Isopropyltoluene	12.012	119	159547	21.307	ug/l	94
87) 1,3-Dichlorobenzene	11.969	146	91230	21.016	ug/l	94
88) 1,4-Dichlorobenzene	12.042	146	90863	20.448	ug/l	97
89) n-Butylbenzene	12.335	91	119722	20.770	ug/l	97
90) Hexachloroethane	12.536	117	24839	19.484	ug/l	59
91) 1,2-Dichlorobenzene	12.335	146	94073	21.178	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.944	75	12433	20.348	ug/l #	50
93) 1,2,4-Trichlorobenzene	13.585	180	60338	20.736	ug/l	96
94) Hexachlorobutadiene	13.725	225	30041	20.416	ug/l	99
95) Naphthalene	13.774	128	191693	20.060	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	65056	21.198	ug/l	95

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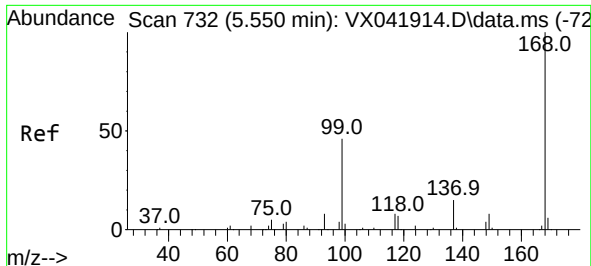
Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Wed Jun 19 07:27:13 2024
Response via : Initial Calibration

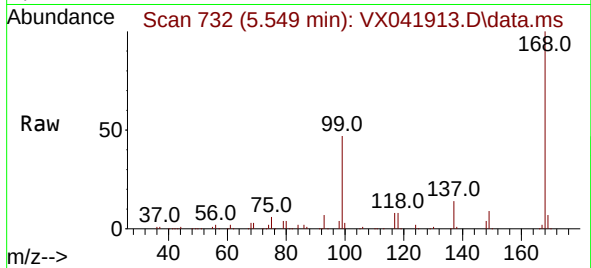
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.001 min
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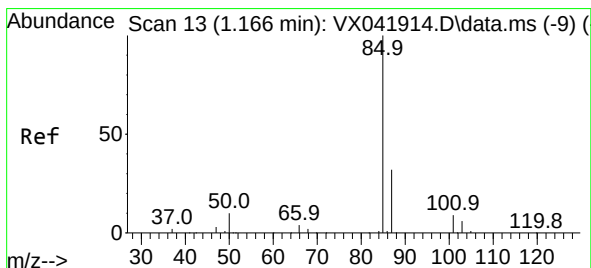
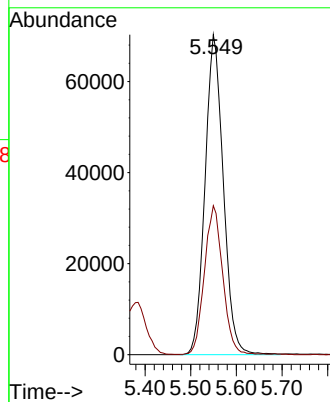
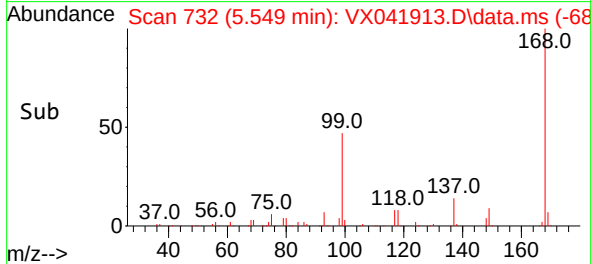
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion:168 Resp: 19564
Ion Ratio Lower Upper
168 100
99 46.4 56.6 85.0

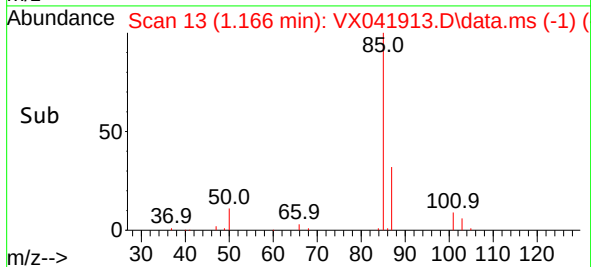
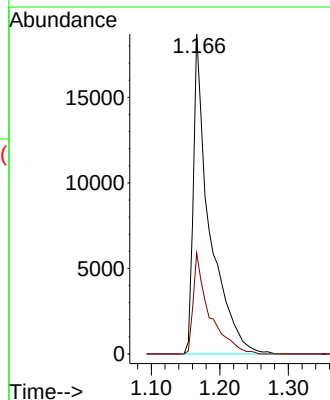
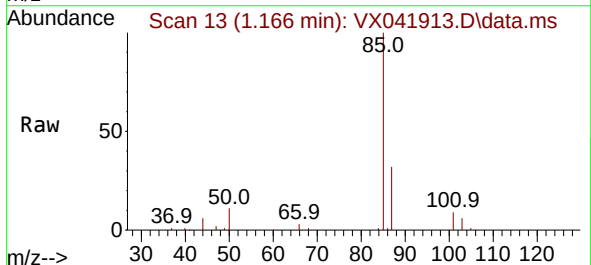
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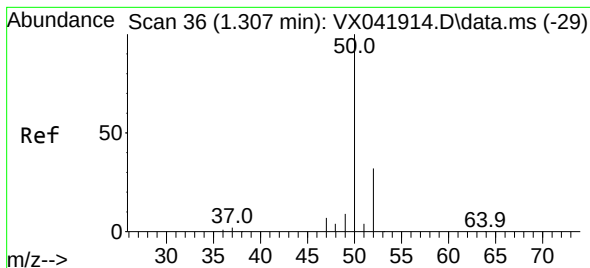
Reviewed By :John Carlone 06/19/2024
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#2
Dichlorodifluoromethane
Concen: 20.519 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX041913.D
Acq: 18 Jun 2024 10:16

Tgt Ion: 85 Resp: 30583
Ion Ratio Lower Upper
85 100
87 31.6 16.7 50.1





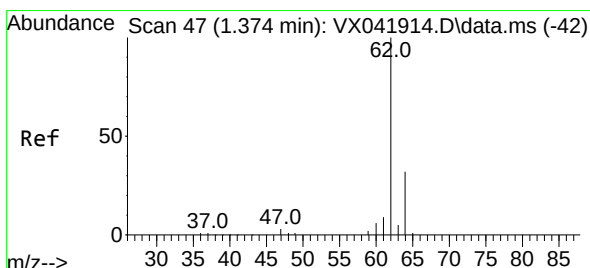
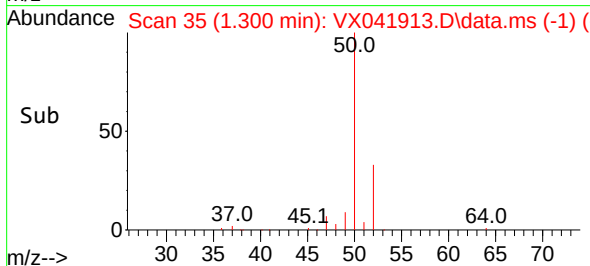
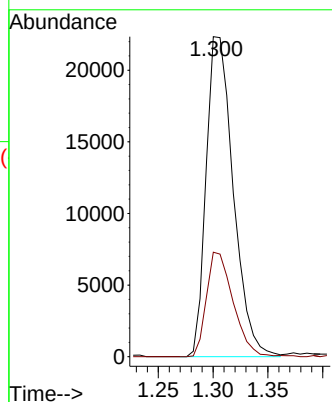
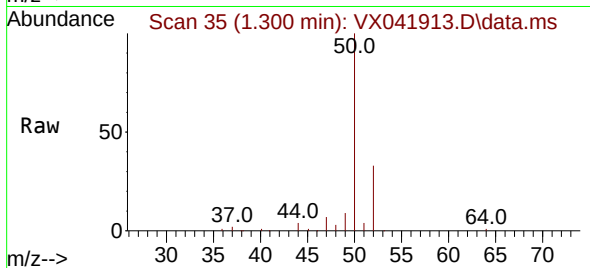
#3
Chloromethane
Concen: 20.603 ug/l
RT: 1.300 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX041913.D
Acq: 18 Jun 2024 10:16

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Tgt Ion: 50 Resp: 38520
Ion Ratio Lower Upper
50 100
52 32.6 25.5 38.3

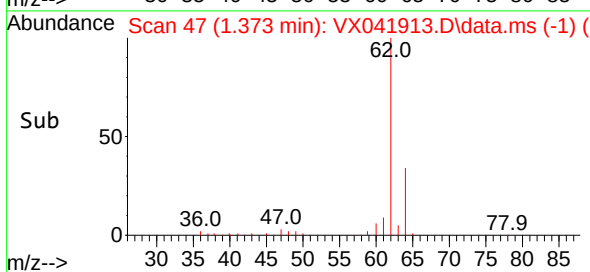
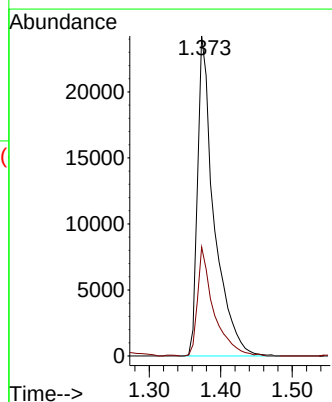
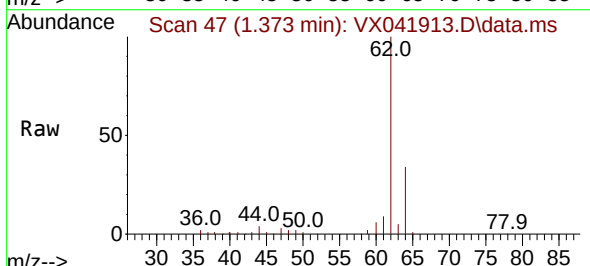
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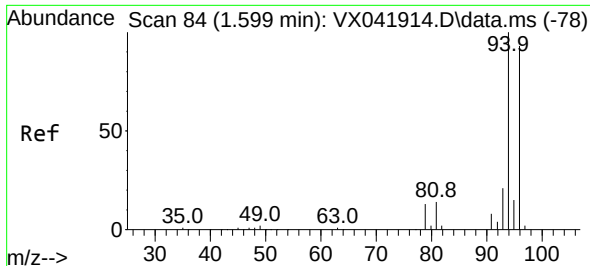
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#4
Vinyl Chloride
Concen: 20.647 ug/l
RT: 1.373 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX041913.D
Acq: 18 Jun 2024 10:16

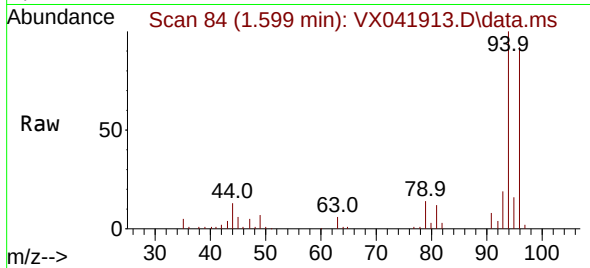
Tgt Ion: 62 Resp: 38701
Ion Ratio Lower Upper
62 100
64 34.1 25.4 38.0





#5
Bromomethane
Concen: 19.626 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.000 min
Lab File: VX041913.D
Acq: 18 Jun 2024 10:16

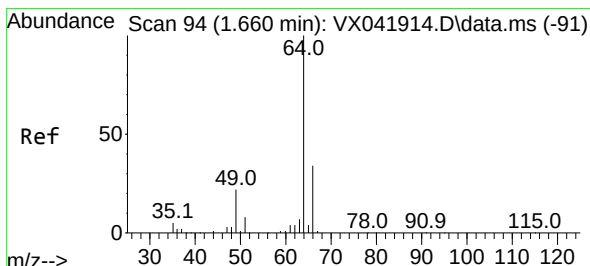
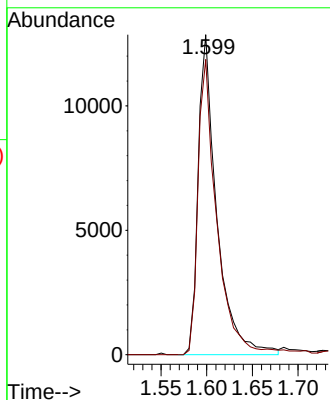
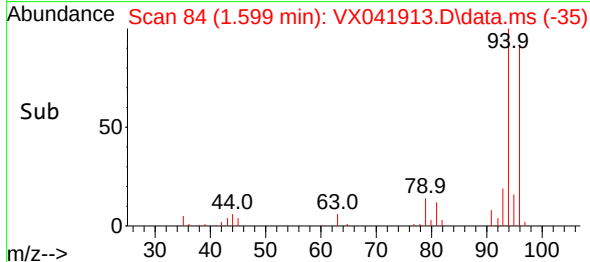
Instrument :
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Tgt Ion: 94 Resp: 1816
Ion Ratio Lower Upper
94 100
96 92.3 74.6 111.8

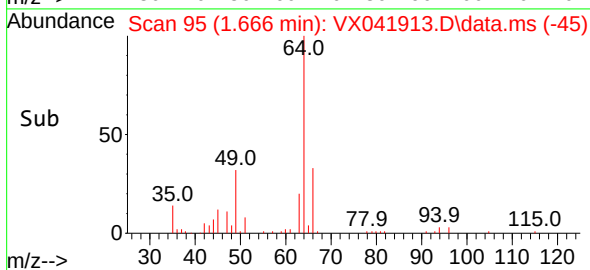
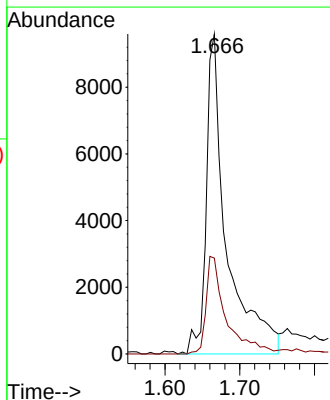
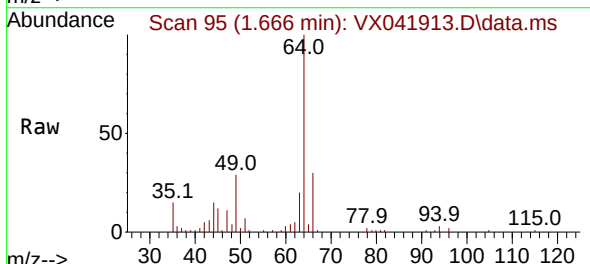
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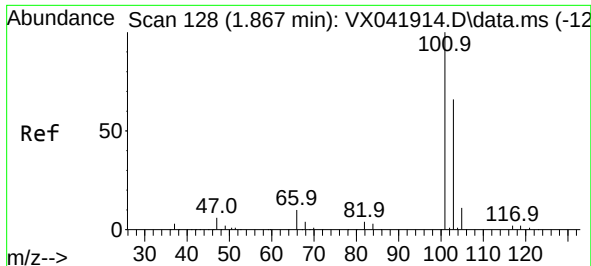
Reviewed By :John Carlone 06/19/2024
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#6
Chloroethane
Concen: 21.468 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.006 min
Lab File: VX041913.D
Acq: 18 Jun 2024 10:16

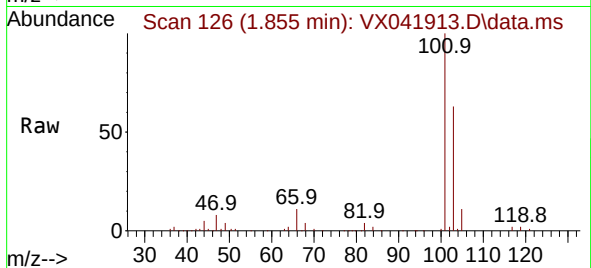
Tgt Ion: 64 Resp: 18097
Ion Ratio Lower Upper
64 100
66 30.0 25.1 37.7





#7
Trichlorofluoromethane
Concen: 19.657 ug/l
RT: 1.855 min Scan# 101
Delta R.T. -0.012 min
Lab File: VX041913.D
Acq: 18 Jun 2024 10:16

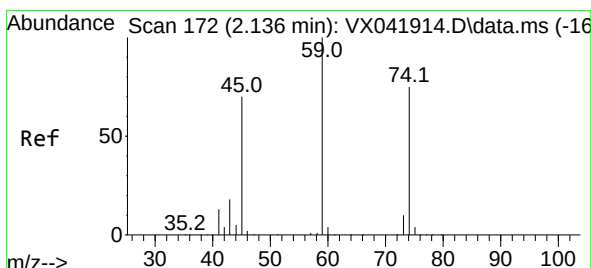
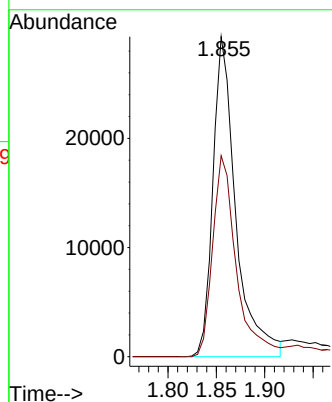
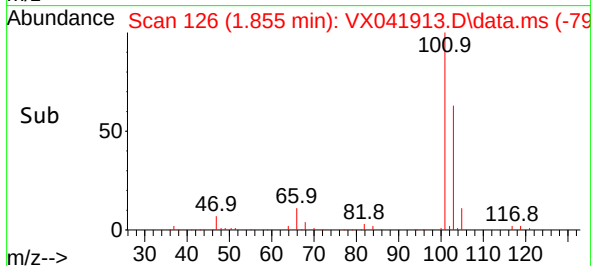
Instrument :
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Tgt Ion:101 Resp: 48272
Ion Ratio Lower Upper
101 100
103 62.8 51.4 77.2

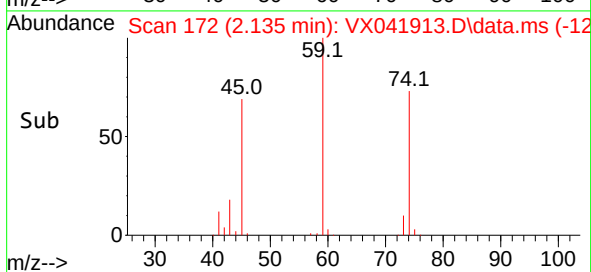
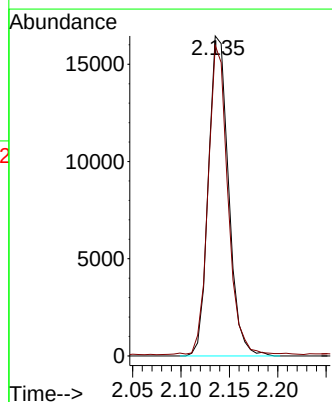
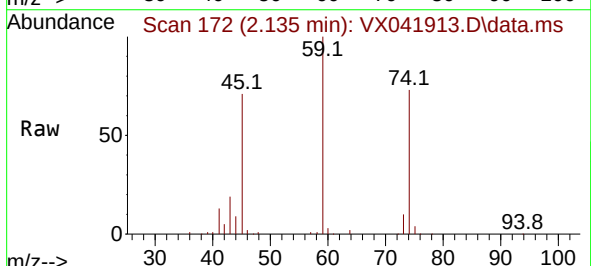
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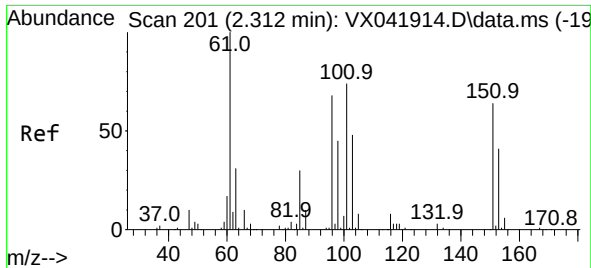
Reviewed By :John Carlone 06/19/2024
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#8
Diethyl Ether
Concen: 20.706 ug/l
RT: 2.135 min Scan# 172
Delta R.T. -0.000 min
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Acq: 18 Jun 2024 10:16

Tgt Ion: 74 Resp: 23869
Ion Ratio Lower Upper
74 100
45 95.0 53.3 159.8





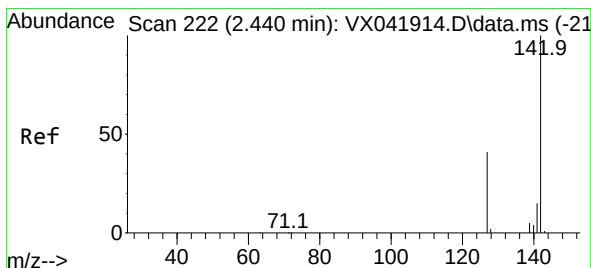
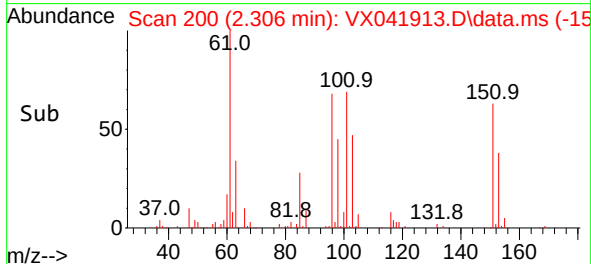
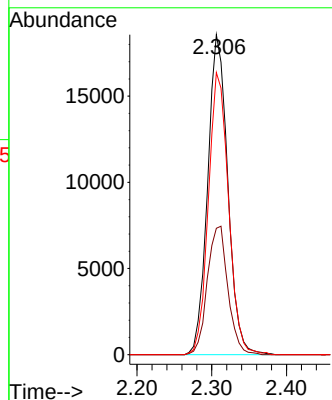
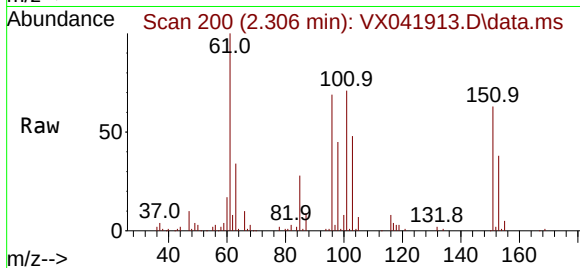
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.528 ug/l
RT: 2.306 min Scan# 201
Delta R.T. -0.006 min
Lab File: VX041913.D
Acq: 18 Jun 2024 10:16

Instrument :
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Tgt Ion:101 Resp: 34720
Ion Ratio Lower Upper
101 100
85 41.1 37.0 55.6
151 88.4 58.6 87.8

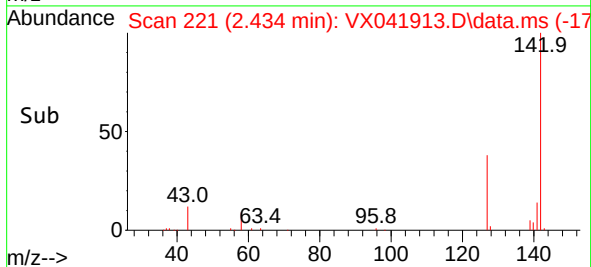
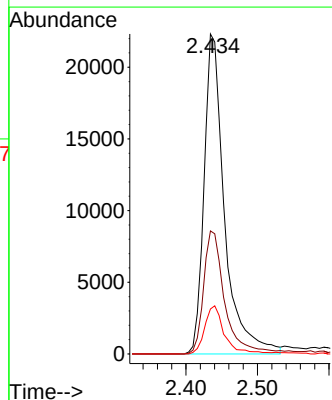
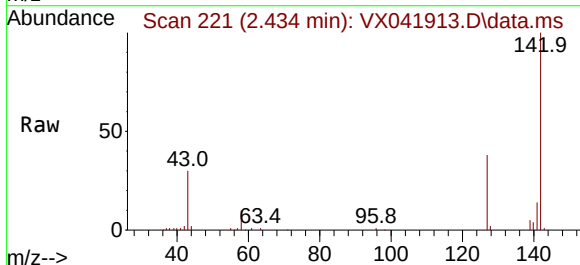
Manual Integrations
APPROVED

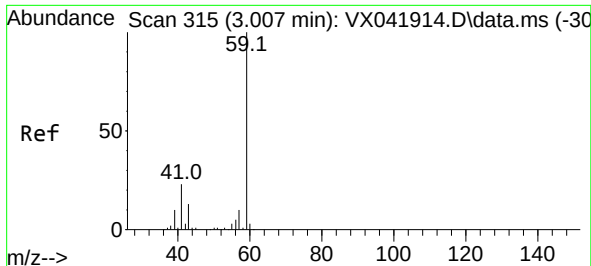
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#10
Methyl Iodide
Concen: 21.118 ug/l
RT: 2.434 min Scan# 221
Delta R.T. -0.006 min
Lab File: VX041913.D
Acq: 18 Jun 2024 10:16

Tgt Ion:142 Resp: 44402
Ion Ratio Lower Upper
142 100
127 40.4 41.6 62.4#
141 14.4 11.6 17.4





#11

Tert butyl alcohol

Concen: 85.910 ug/l

RT: 3.019 min Scan# 315

Delta R.T. 0.012 min

Lab File: VX041913.D

Acq: 18 Jun 2024 10:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 59 Resp: 3678

Ion Ratio Lower Upper

59 100

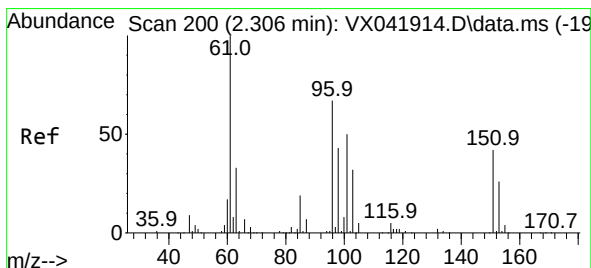
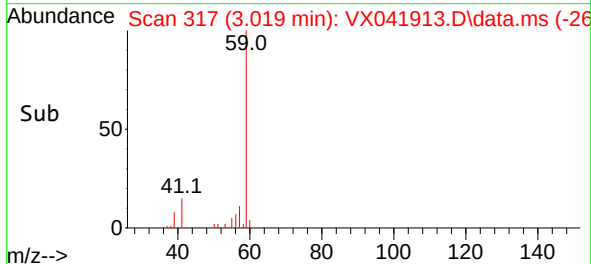
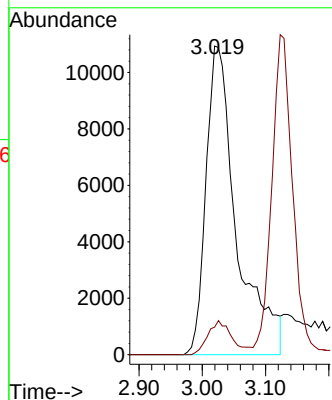
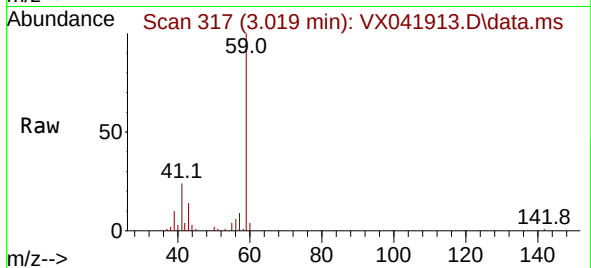
57 8.5 6.0 9.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2024

Supervised By :Mahesh Dadoda 06/19/2024



#12

1,1-Dichloroethene

Concen: 20.902 ug/l

RT: 2.300 min Scan# 199

Delta R.T. -0.006 min

Lab File: VX041913.D

Acq: 18 Jun 2024 10:16

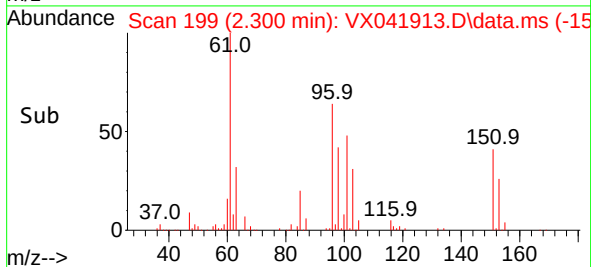
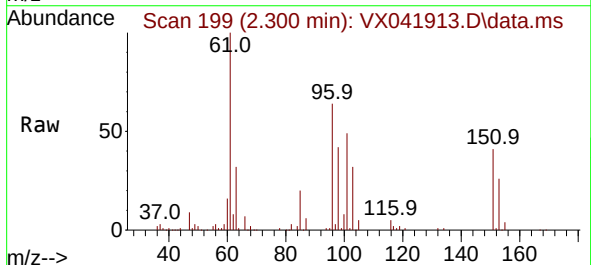
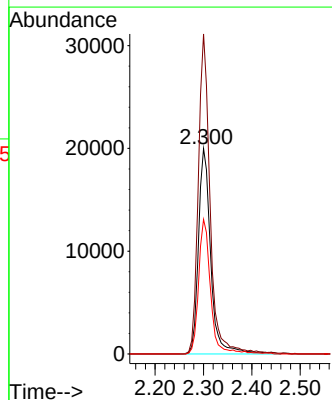
Tgt Ion: 96 Resp: 35271

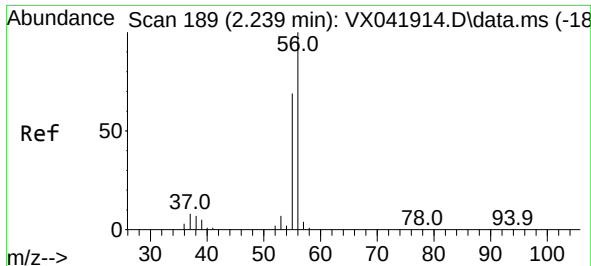
Ion Ratio Lower Upper

96 100

61 155.8 144.6 216.8

98 65.5 50.4 75.6





#13

Acrolein

Concen: 99.563 ug/l

RT: 2.245 min Scan# 190

Delta R.T. 0.006 min

Lab File: VX041913.D

Acq: 18 Jun 2024 10:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 56 Resp: 4778

Ion Ratio Lower Upper

56 100

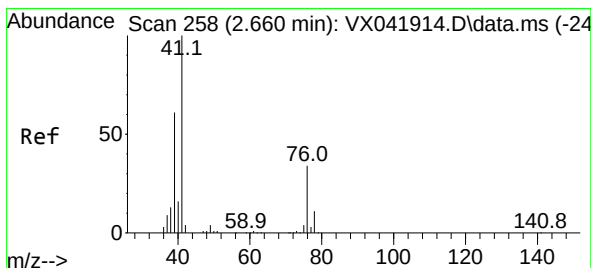
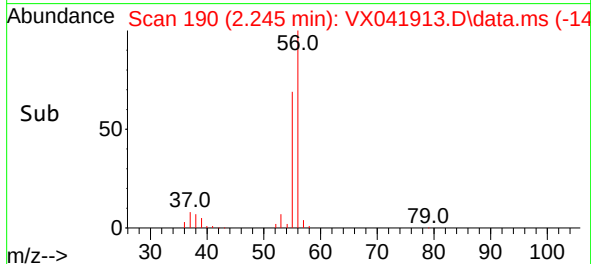
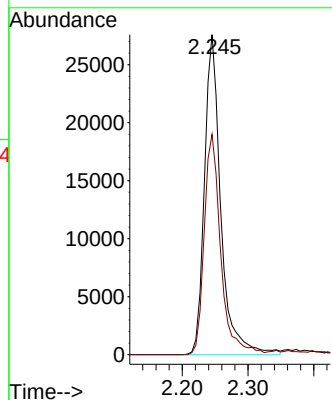
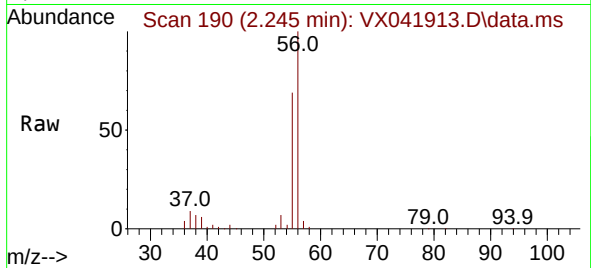
55 69.4 57.1 85.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2024

Supervised By :Mahesh Dadoda 06/19/2024



#14

Allyl chloride

Concen: 20.132 ug/l

RT: 2.654 min Scan# 257

Delta R.T. -0.006 min

Lab File: VX041913.D

Acq: 18 Jun 2024 10:16

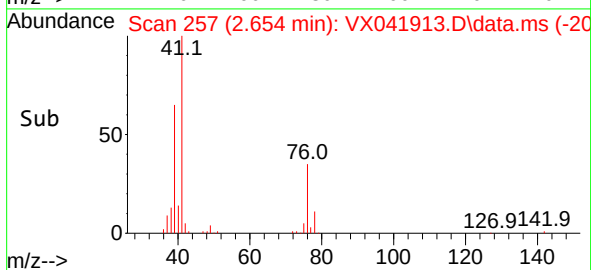
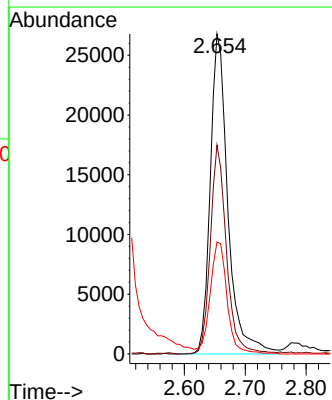
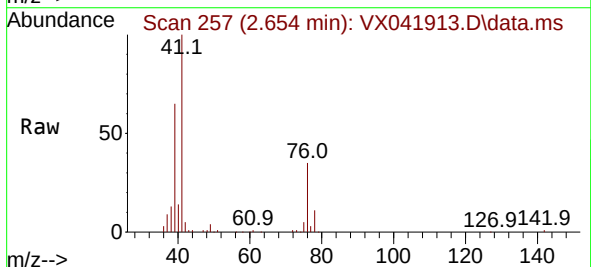
Tgt Ion: 41 Resp: 53877

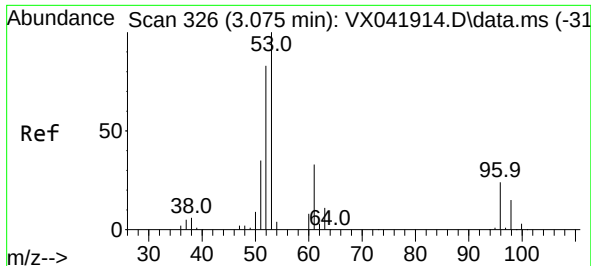
Ion Ratio Lower Upper

41 100

39 59.8 55.8 83.6

76 33.7 24.3 36.5





#15

Acrylonitrile

Concen: 98.527 ug/l

RT: 3.080 min Scan# 31

Delta R.T. 0.006 min

Lab File: VX041913.D

Acq: 18 Jun 2024 10:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 53 Resp: 11018

Ion Ratio Lower Upper

53 100

52 86.7 66.0 99.0

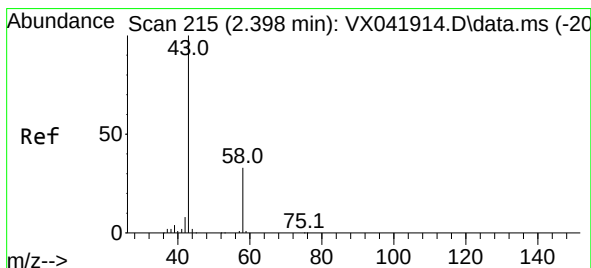
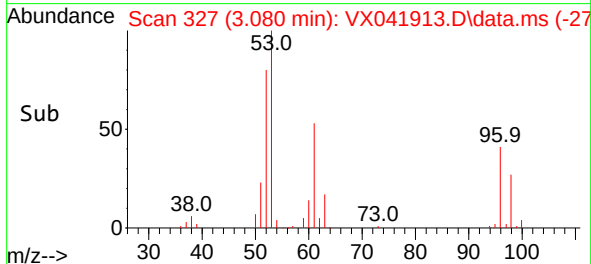
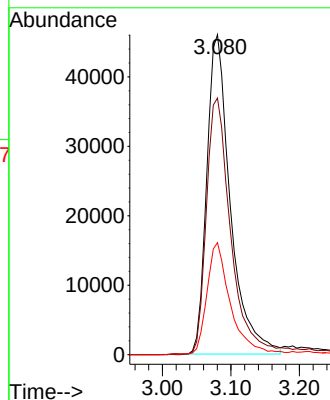
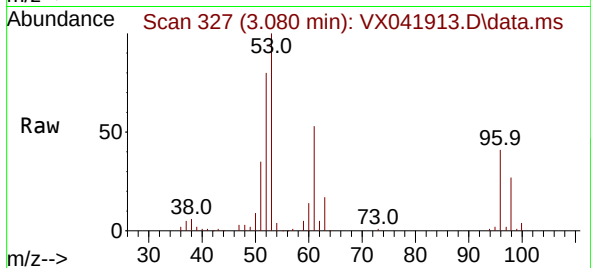
51 34.4 29.8 44.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2024

Supervised By :Mahesh Dadoda 06/19/2024



#16

Acetone

Concen: 92.615 ug/l

RT: 2.404 min Scan# 216

Delta R.T. 0.006 min

Lab File: VX041913.D

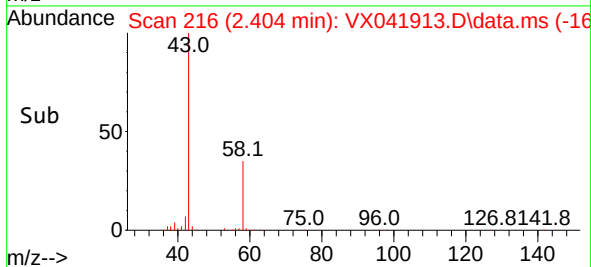
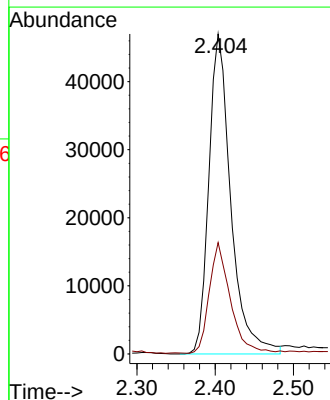
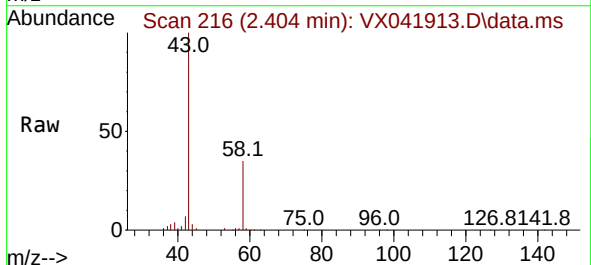
Acq: 18 Jun 2024 10:16

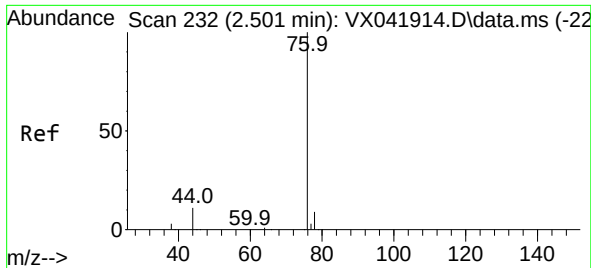
Tgt Ion: 43 Resp: 91747

Ion Ratio Lower Upper

43 100

58 34.5 21.9 32.9#





#17

Carbon Disulfide

Concen: 20.075 ug/l

RT: 2.495 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX041913.D

Acq: 18 Jun 2024 10:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 76 Resp: 6907

Ion Ratio Lower Upper

76 100

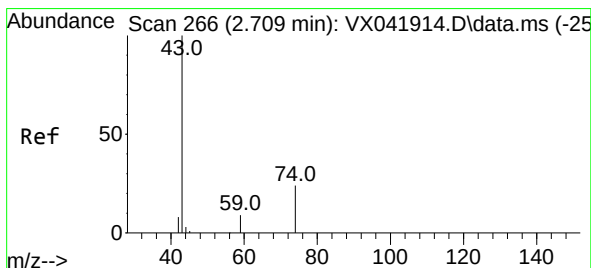
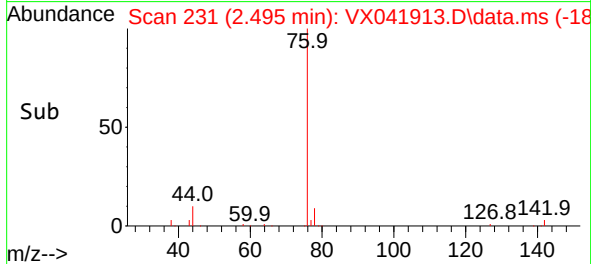
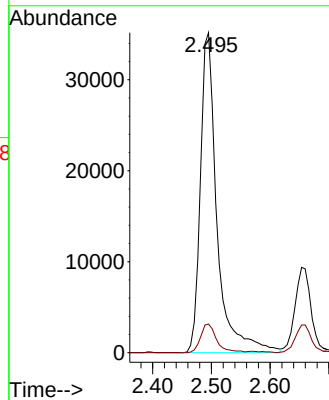
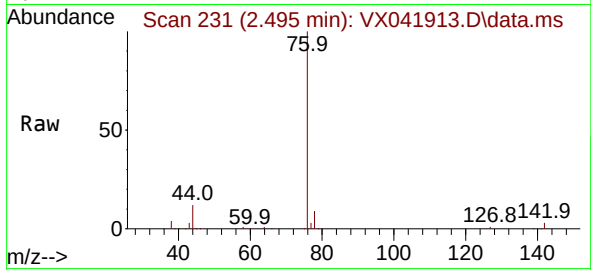
78 9.0 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2024

Supervised By :Mahesh Dadoda 06/19/2024



#18

Methyl Acetate

Concen: 19.517 ug/l

RT: 2.715 min Scan# 267

Delta R.T. 0.006 min

Lab File: VX041913.D

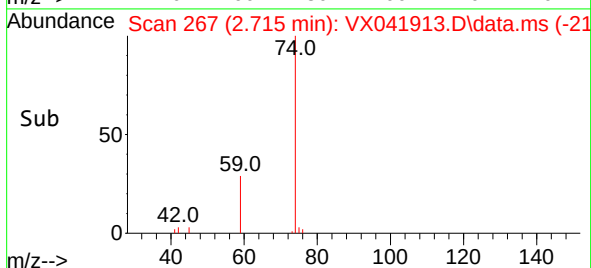
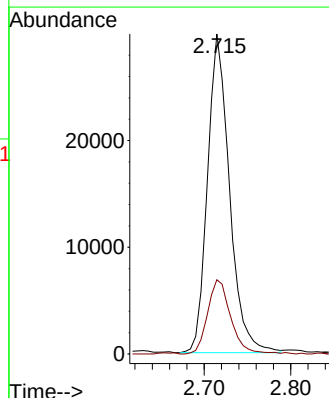
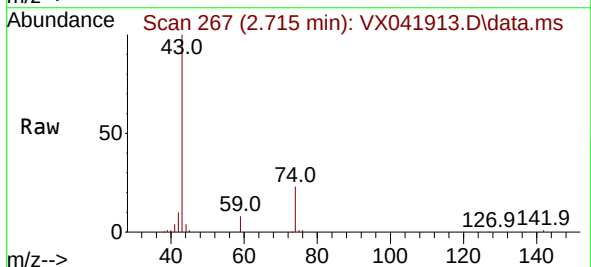
Acq: 18 Jun 2024 10:16

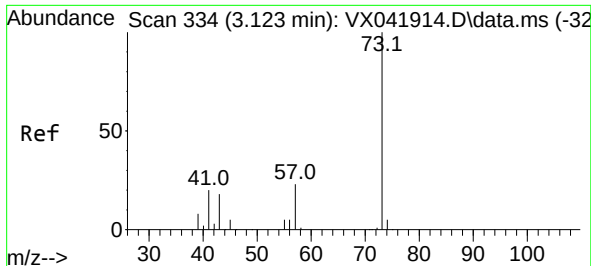
Tgt Ion: 43 Resp: 52741

Ion Ratio Lower Upper

43 100

74 24.6 17.8 26.8





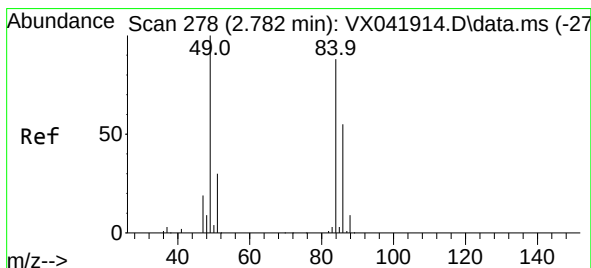
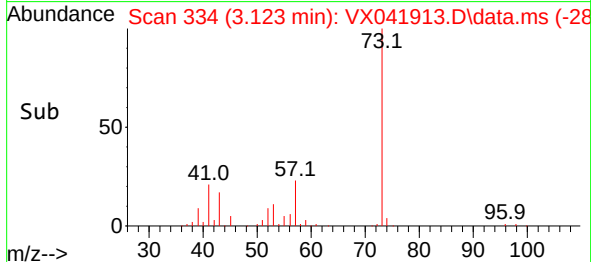
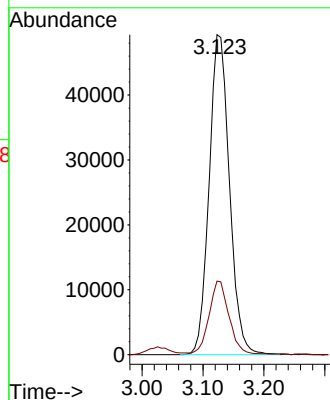
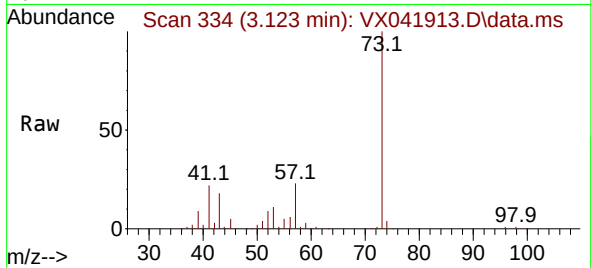
#19
Methyl tert-butyl Ether
Concen: 20.503 ug/l
RT: 3.123 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX041913.D
Acq: 18 Jun 2024 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 73 Resp: 114300
Ion Ratio Lower Upper
73 100
57 22.7 17.3 25.9

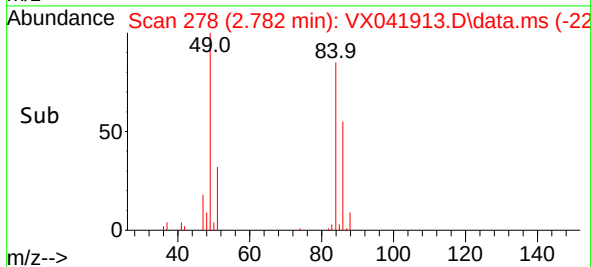
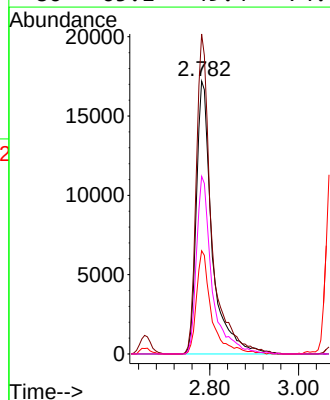
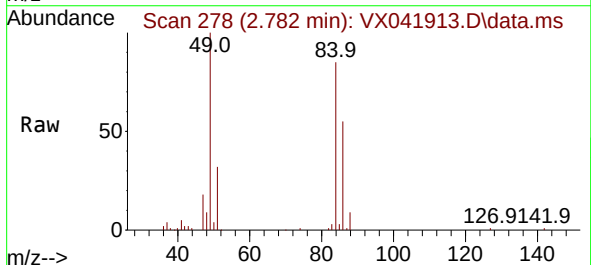
Manual Integrations
APPROVED

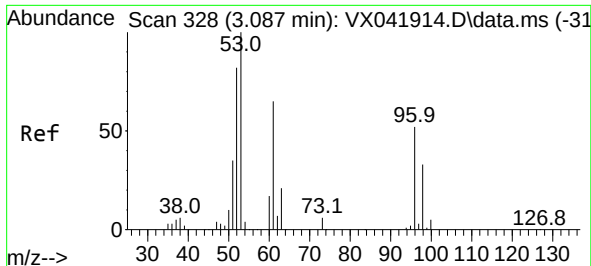
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#20
Methylene Chloride
Concen: 19.533 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX041913.D
Acq: 18 Jun 2024 10:16

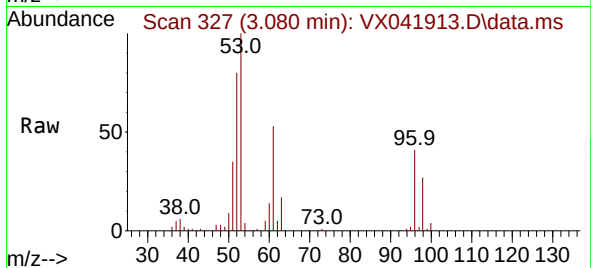
Tgt Ion: 84 Resp: 42369
Ion Ratio Lower Upper
84 100
49 117.3 103.6 155.4
51 37.9 33.8 50.6
86 65.1 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 21.120 ug/l
RT: 3.080 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX041913.D
Acq: 18 Jun 2024 10:16

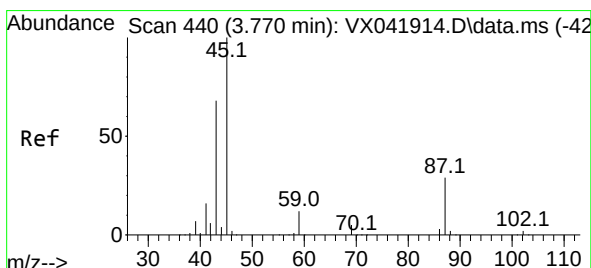
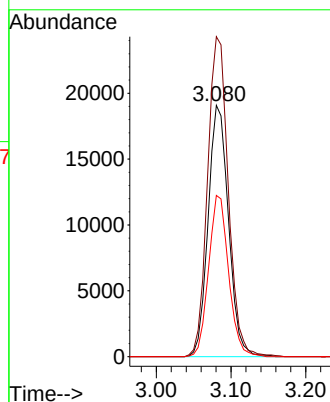
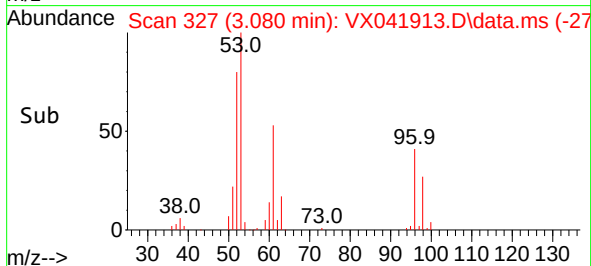
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 96 Resp: 3617
Ion Ratio Lower Upper
96 100
61 127.3 119.2 178.8
98 64.2 48.7 73.1

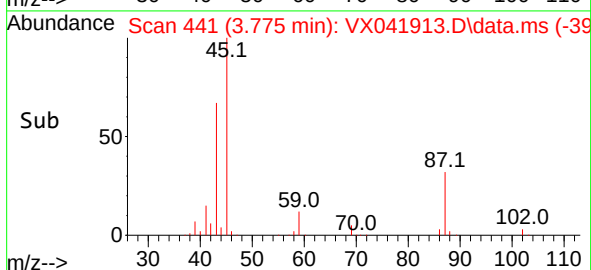
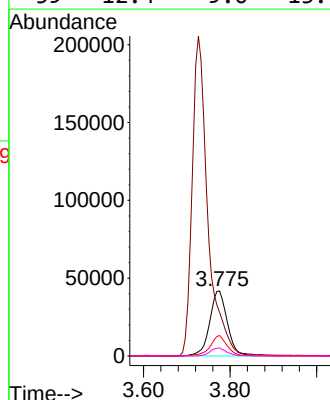
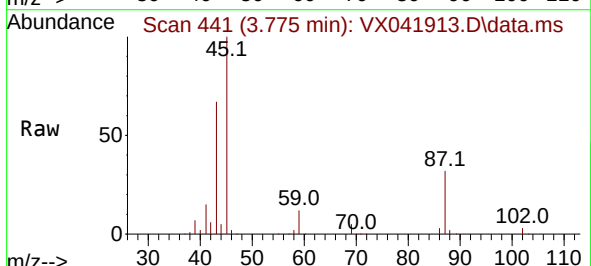
Manual Integrations
APPROVED

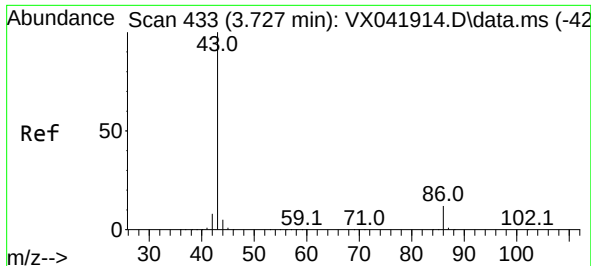
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#22
Diisopropyl ether
Concen: 20.852 ug/l
RT: 3.775 min Scan# 441
Delta R.T. 0.006 min
Lab File: VX041913.D
Acq: 18 Jun 2024 10:16

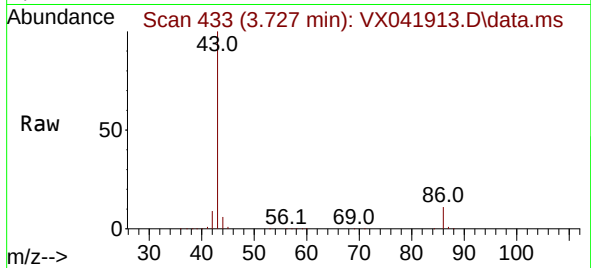
Tgt Ion: 45 Resp: 117954
Ion Ratio Lower Upper
45 100
43 66.4 69.7 104.5#
87 31.6 20.8 31.2#
59 12.4 9.0 13.4





#23
 Vinyl Acetate
 Concen: 107.342 ug/l
 RT: 3.727 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX041913.D
 Acq: 18 Jun 2024 10:16

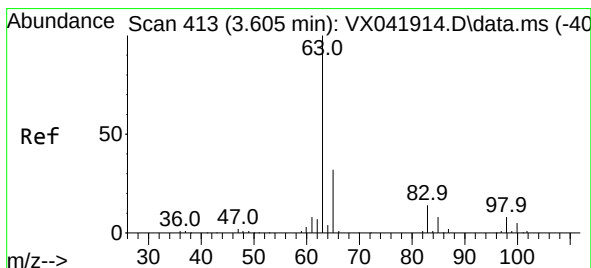
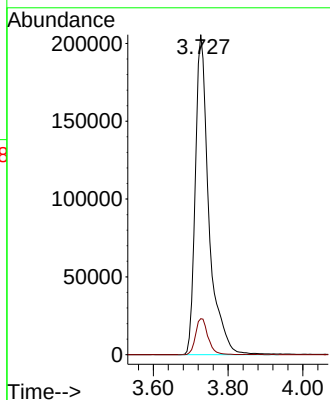
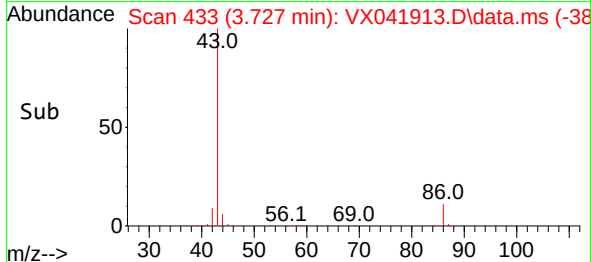
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020



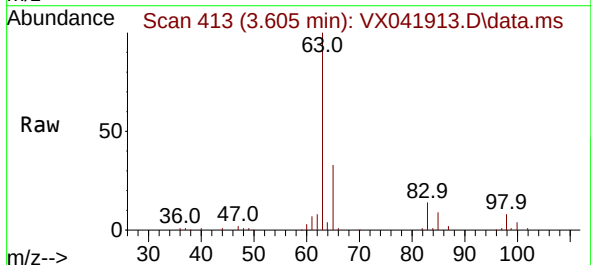
Tgt Ion: 43 Resp: 51856
 Ion Ratio Lower Upper
 43 100
 86 11.3 7.8 11.8

Manual Integrations
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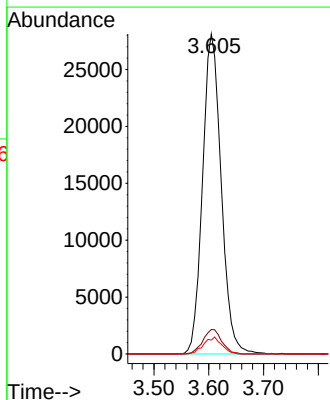
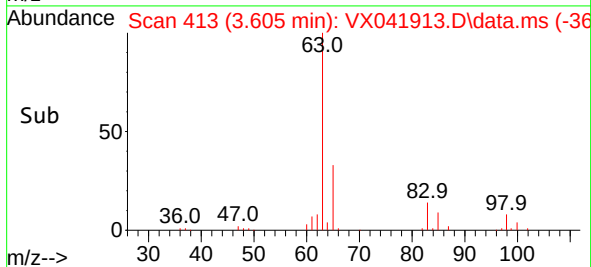
Reviewed By :John Carlone 06/19/2024
 Supervised By :Mahesh Dadoda 06/19/2024

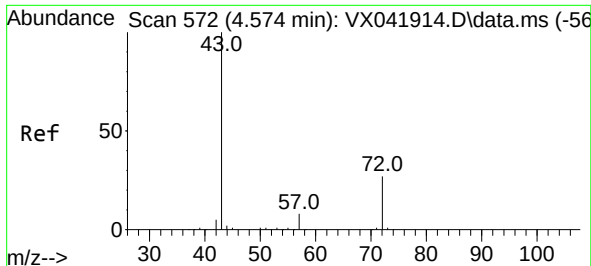


#24
 1,1-Dichloroethane
 Concen: 20.917 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX041913.D
 Acq: 18 Jun 2024 10:16



Tgt Ion: 63 Resp: 66261
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.3 9.8
 100 4.4 2.1 6.5





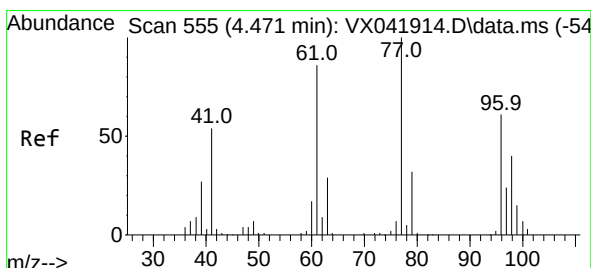
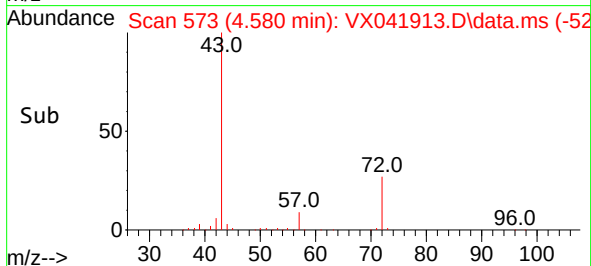
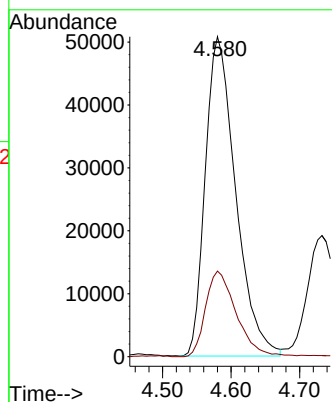
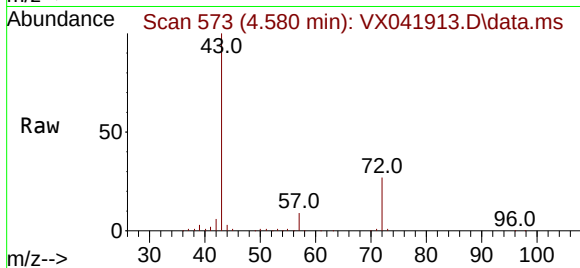
#25
2-Butanone
Concen: 101.244 ug/l
RT: 4.580 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX041913.D
Acq: 18 Jun 2024 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 156034
Ion Ratio Lower Upper
43 100
72 26.8 19.4 29.2

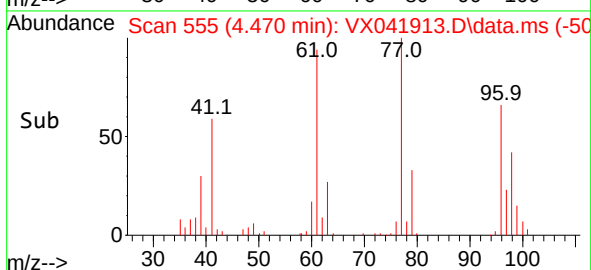
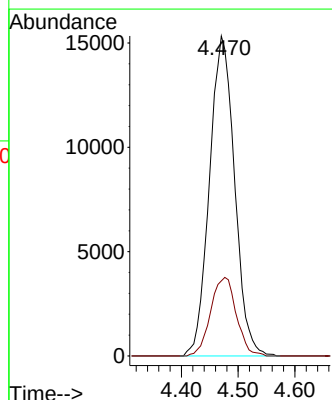
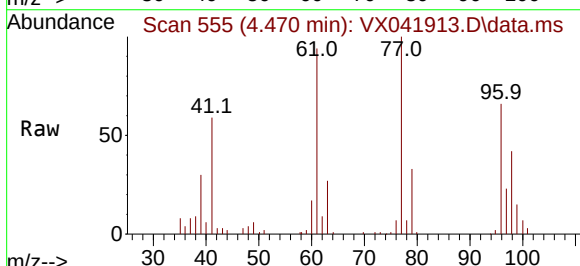
Manual Integrations
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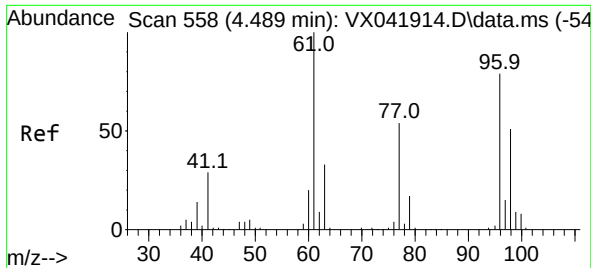
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#26
2,2-Dichloropropane
Concen: 20.549 ug/l
RT: 4.470 min Scan# 555
Delta R.T. -0.000 min
Lab File: VX041913.D
Acq: 18 Jun 2024 10:16

Tgt Ion: 77 Resp: 47140
Ion Ratio Lower Upper
77 100
97 25.1 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 20.840 ug/l

RT: 4.489 min Scan# 558

Delta R.T. -0.000 min

Lab File: VX041913.D

Acq: 18 Jun 2024 10:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 96 Resp: 4470

Ion Ratio Lower Upper

96 100

61 132.0 0.0 312.2

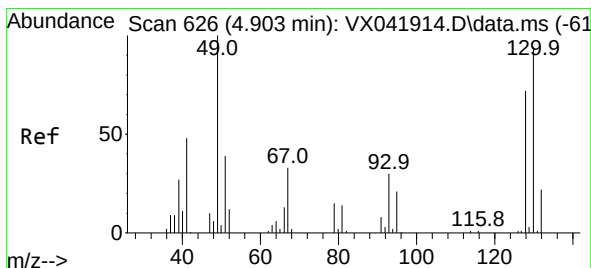
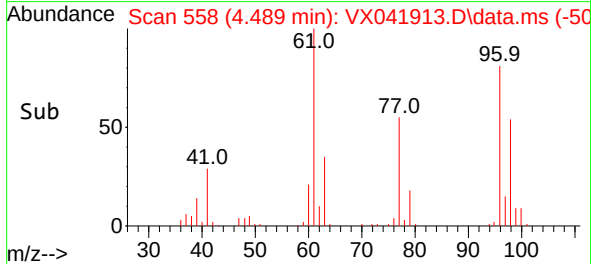
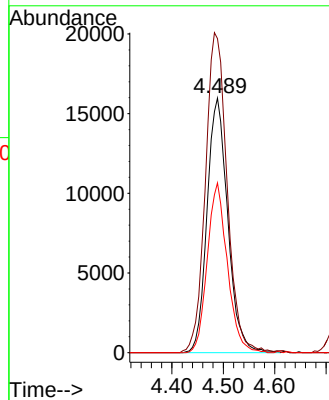
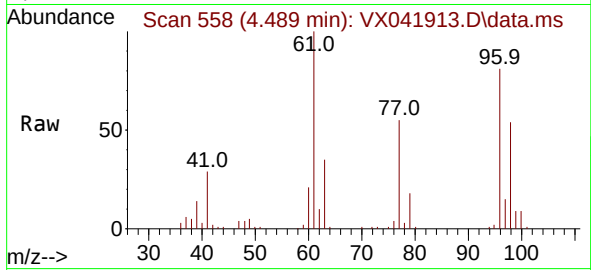
98 64.6 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2024

Supervised By :Mahesh Dadoda 06/19/2024



#28

Bromochloromethane

Concen: 22.700 ug/l

RT: 4.903 min Scan# 626

Delta R.T. -0.000 min

Lab File: VX041913.D

Acq: 18 Jun 2024 10:16

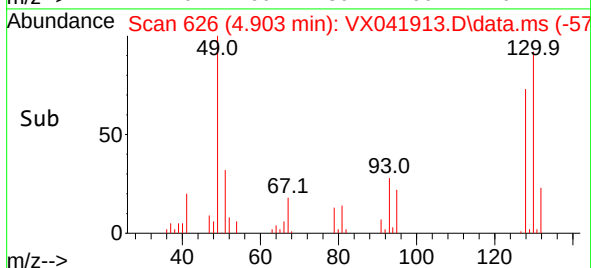
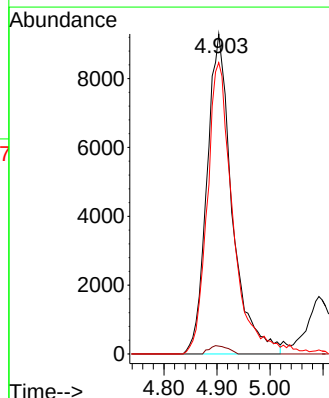
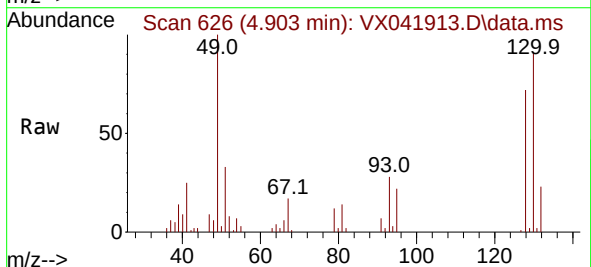
Tgt Ion: 49 Resp: 30800

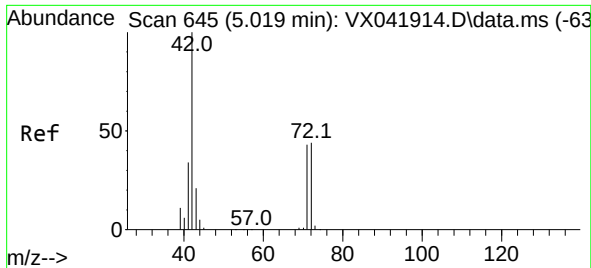
Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.8

130 93.2 57.5 86.3#





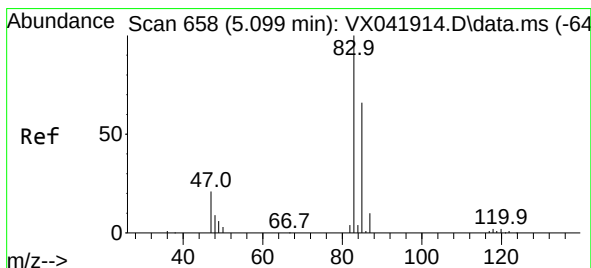
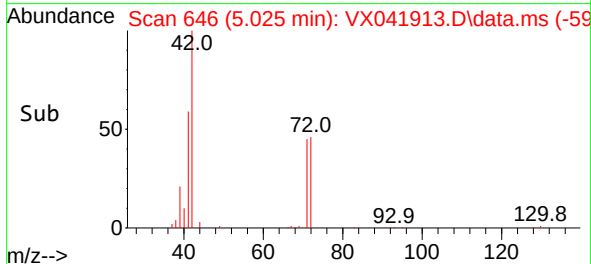
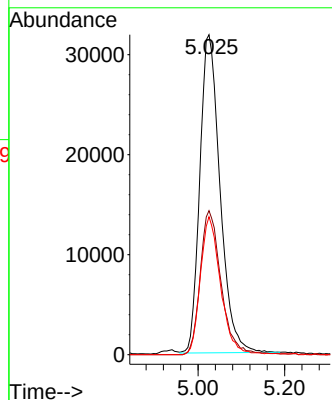
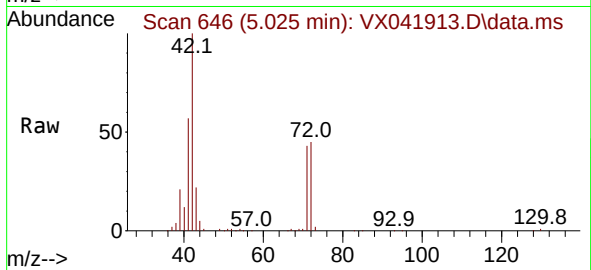
#29
Tetrahydrofuran
Concen: 103.651 ug/l
RT: 5.025 min Scan# 645
Delta R.T. 0.006 min
Lab File: VX041913.D
Acq: 18 Jun 2024 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 42 Resp: 103168
Ion Ratio Lower Upper
42 100
72 46.8 34.2 51.4
71 43.1 32.2 48.2

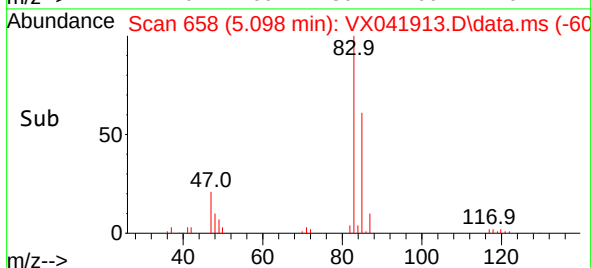
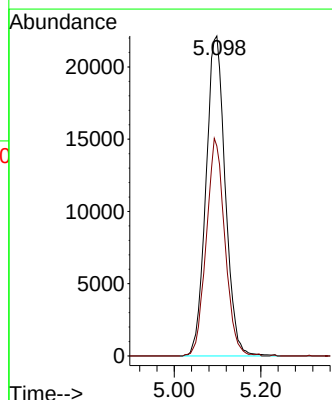
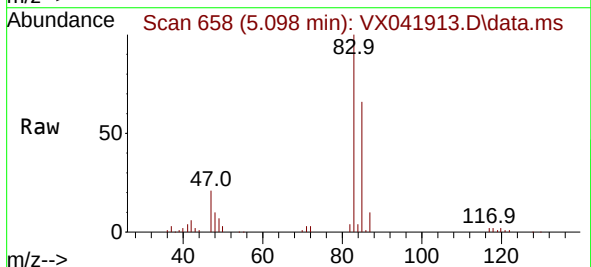
Manual Integrations
APPROVED

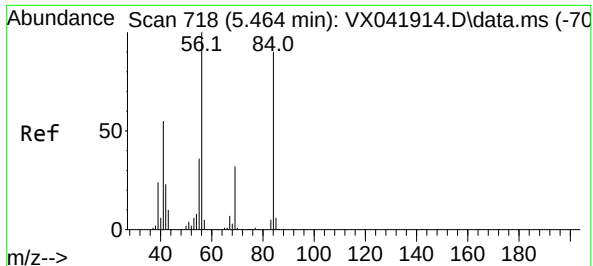
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#30
Chloroform
Concen: 20.733 ug/l
RT: 5.098 min Scan# 658
Delta R.T. -0.000 min
Lab File: VX041913.D
Acq: 18 Jun 2024 10:16

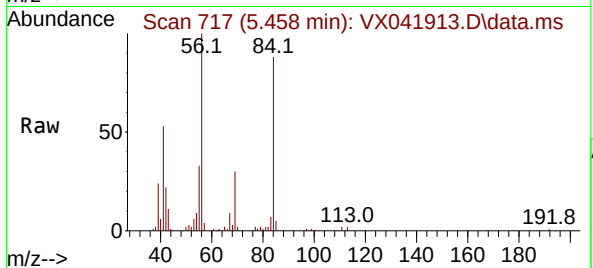
Tgt Ion: 83 Resp: 68427
Ion Ratio Lower Upper
83 100
85 65.6 50.3 75.5





#31
Cyclohexane
Concen: 20.891 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.006 min
Lab File: VX041913.D
Acq: 18 Jun 2024 10:16

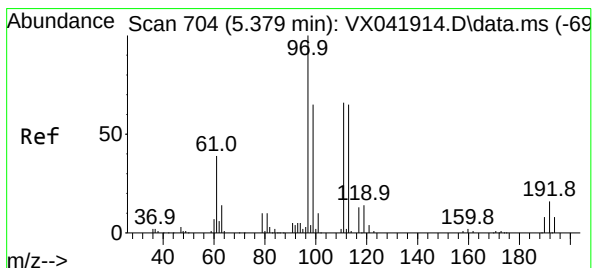
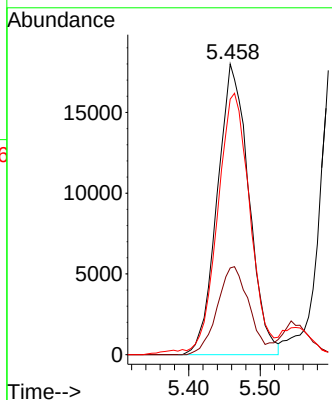
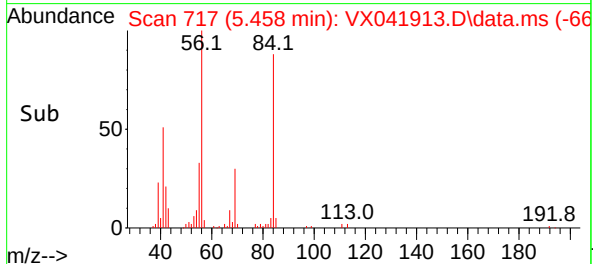
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 56 Resp: 55119
Ion Ratio Lower Upper
56 100
69 29.8 23.4 35.2
84 86.7 65.9 98.9

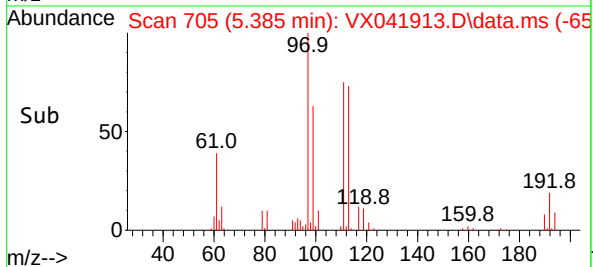
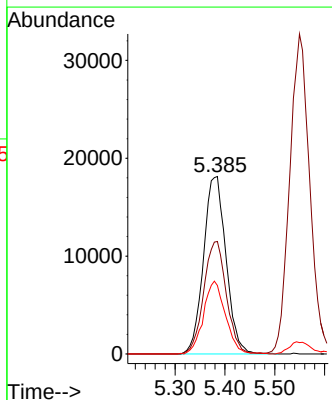
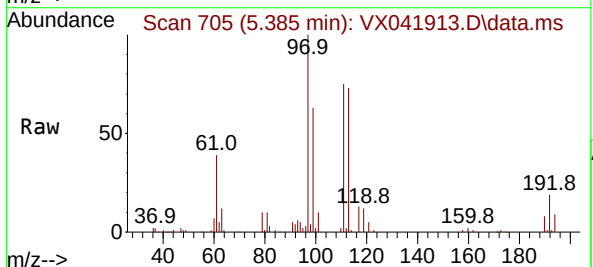
Manual Integrations
APPROVED

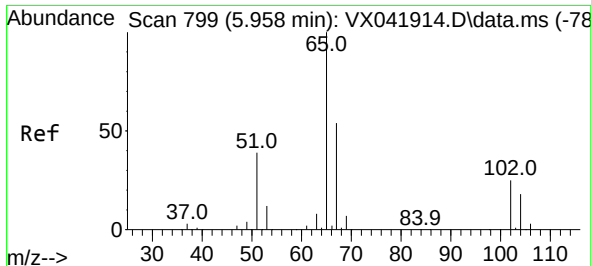
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#32
1,1,1-Trichloroethane
Concen: 20.638 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX041913.D
Acq: 18 Jun 2024 10:16

Tgt Ion: 97 Resp: 56914
Ion Ratio Lower Upper
97 100
99 63.8 51.1 76.7
61 40.1 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 20.010 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX041913.D

Acq: 18 Jun 2024 10:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 65 Resp: 4514

Ion Ratio Lower Upper

65 100

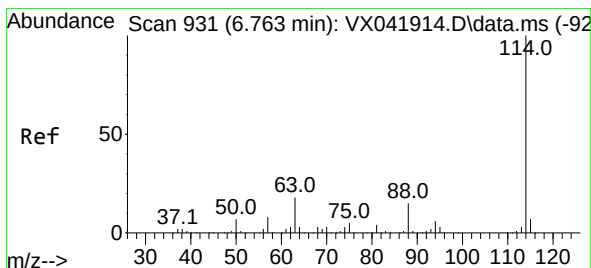
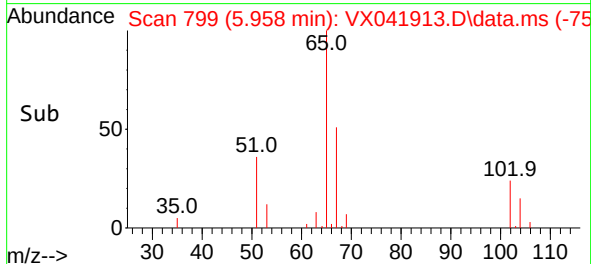
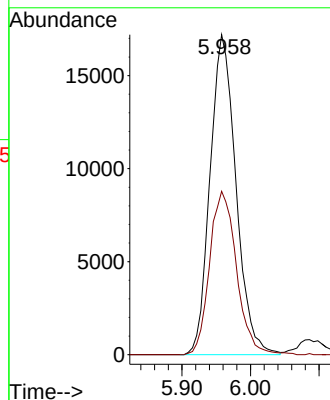
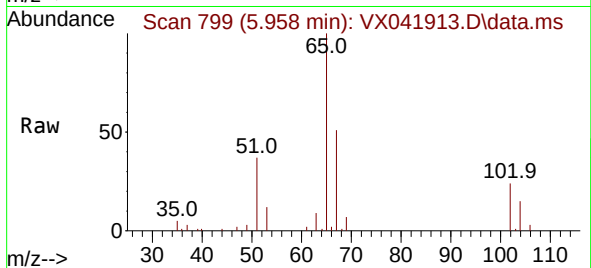
67 53.1 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2024

Supervised By :Mahesh Dadoda 06/19/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX041913.D

Acq: 18 Jun 2024 10:16

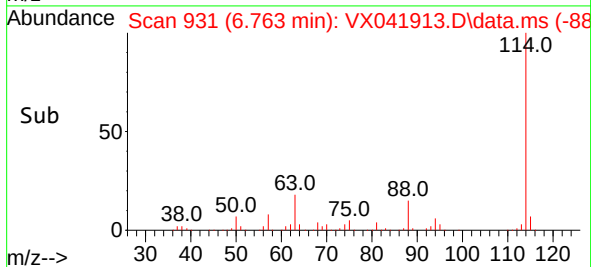
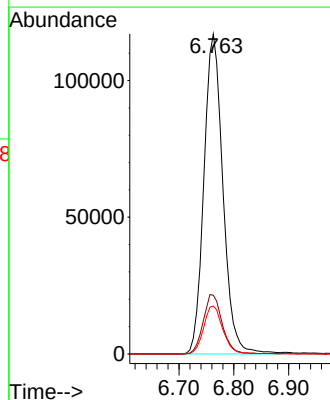
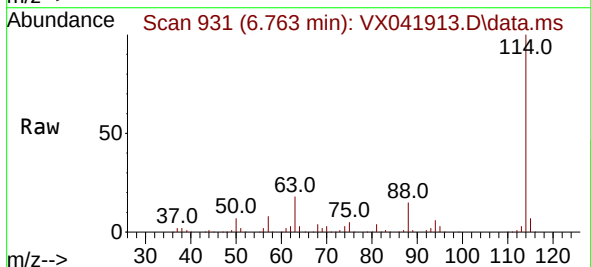
Tgt Ion:114 Resp: 281090

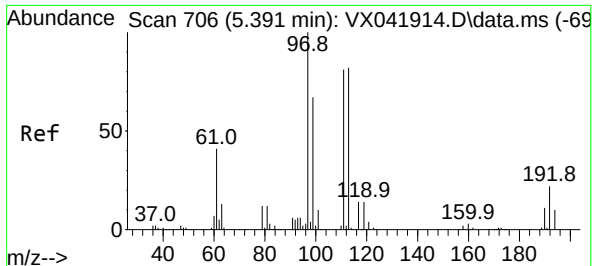
Ion Ratio Lower Upper

114 100

63 18.4 0.0 45.0

88 15.0 0.0 36.6





#35

Dibromofluoromethane

Concen: 19.991 ug/l

RT: 5.385 min Scan# 706

Delta R.T. -0.006 min

Lab File: VX041913.D

Acq: 18 Jun 2024 10:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion:113 Resp: 39872

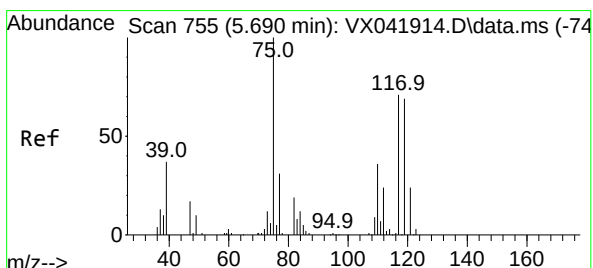
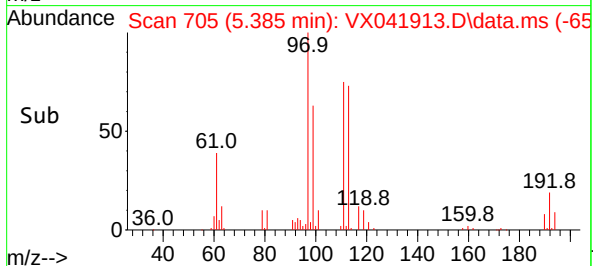
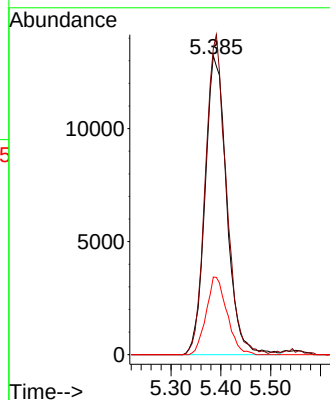
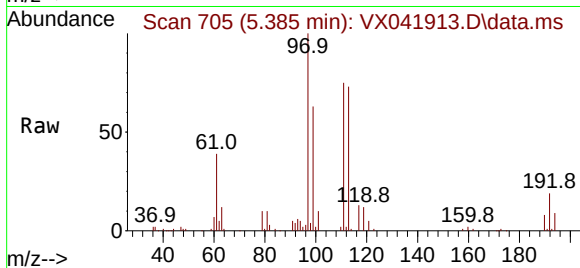
Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.9	124.3
192	25.0	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2024

Supervised By :Mahesh Dadoda 06/19/2024



#36

1,1-Dichloropropene

Concen: 20.746 ug/l

RT: 5.690 min Scan# 755

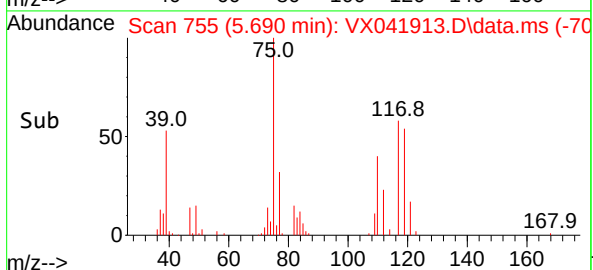
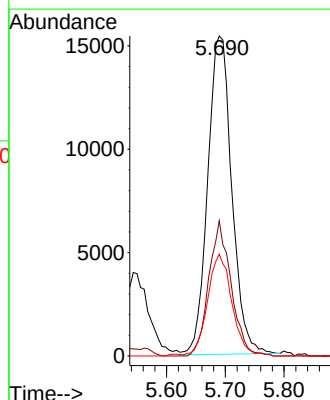
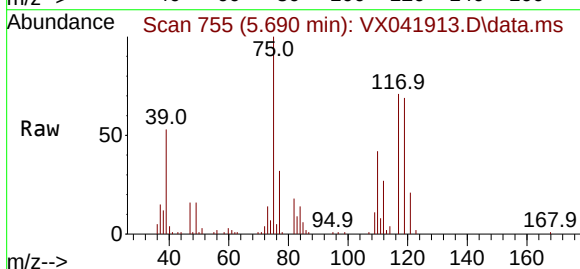
Delta R.T. -0.000 min

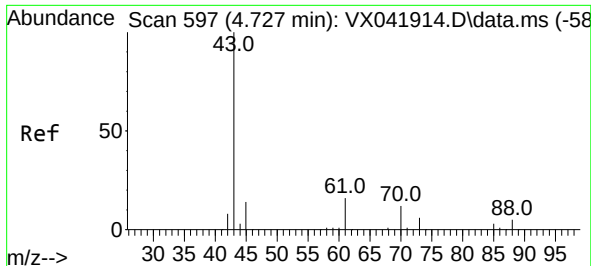
Lab File: VX041913.D

Acq: 18 Jun 2024 10:16

Tgt Ion: 75 Resp: 43938

Ion	Ratio	Lower	Upper
75	100		
110	39.3	17.0	50.9
77	32.2	24.7	37.1





#37

Ethyl Acetate

Concen: 21.311 ug/l

RT: 4.733 min Scan# 597

Delta R.T. 0.006 min

Lab File: VX041913.D

Acq: 18 Jun 2024 10:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

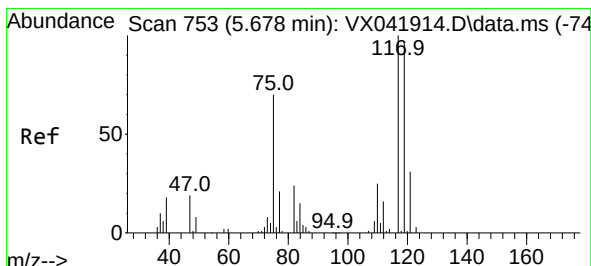
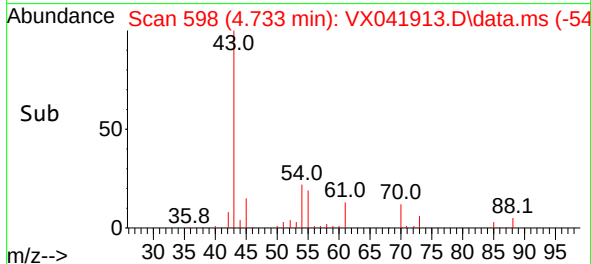
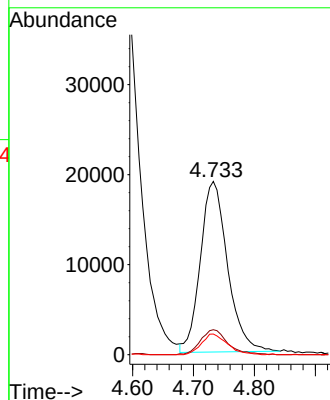
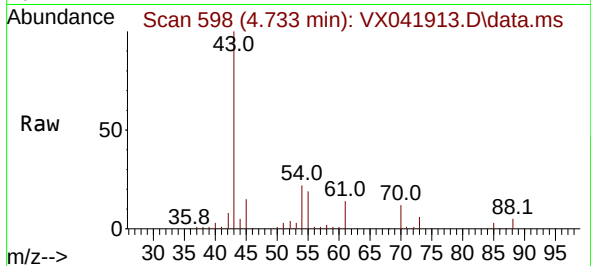
Tgt Ion: 43	Resp: 5879
Ion Ratio	Lower Upper
43 100	
61 14.7	10.6 16.0
70 11.5	8.3 12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2024

Supervised By :Mahesh Dadoda 06/19/2024



#38

Carbon Tetrachloride

Concen: 20.252 ug/l

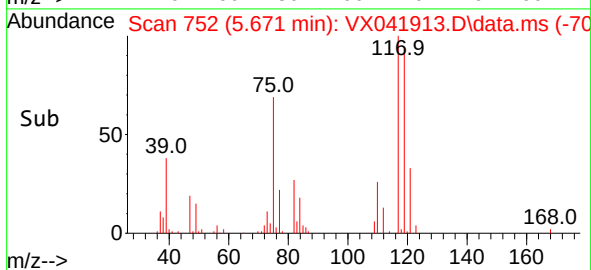
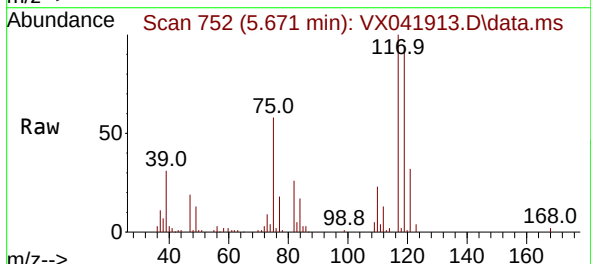
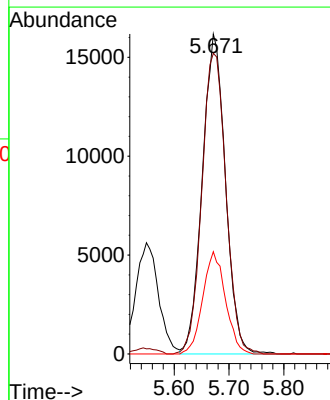
RT: 5.671 min Scan# 752

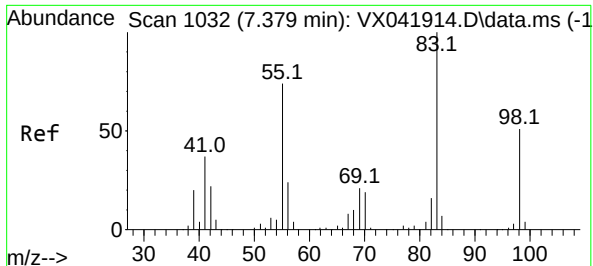
Delta R.T. -0.006 min

Lab File: VX041913.D

Acq: 18 Jun 2024 10:16

Tgt Ion:117	Resp: 47391
Ion Ratio	Lower Upper
117 100	
119 94.0	78.2 117.2
121 31.9	24.4 36.6





#39

Methylcyclohexane

Concen: 21.629 ug/l

RT: 7.378 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX041913.D

Acq: 18 Jun 2024 10:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 83 Resp: 5793

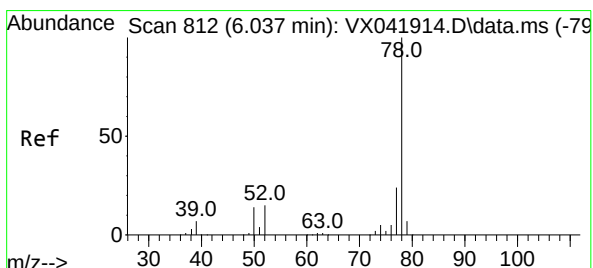
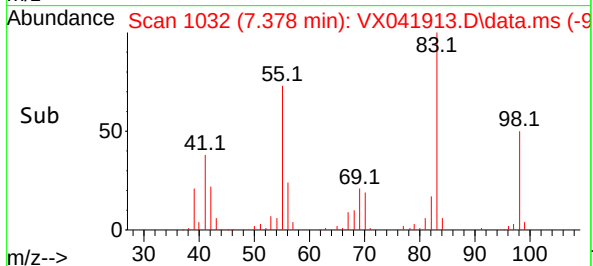
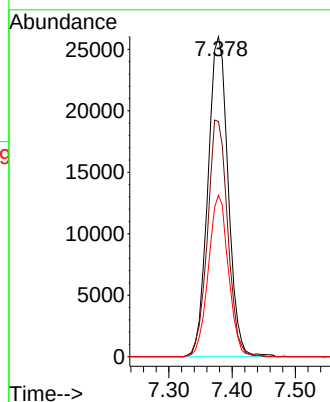
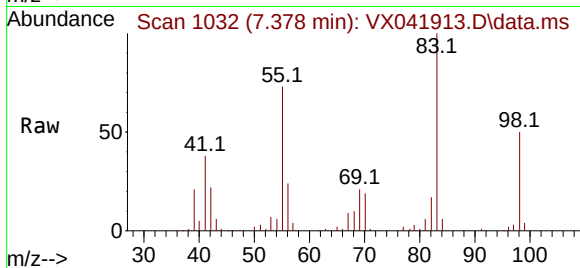
Ion	Ratio	Lower	Upper
83	100		
55	73.5	64.6	97.0
98	50.5	36.7	55.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2024

Supervised By :Mahesh Dadoda 06/19/2024



#40

Benzene

Concen: 21.338 ug/l

RT: 6.037 min Scan# 812

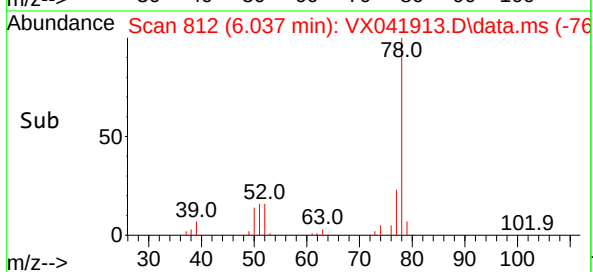
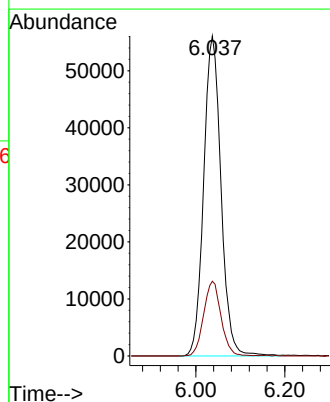
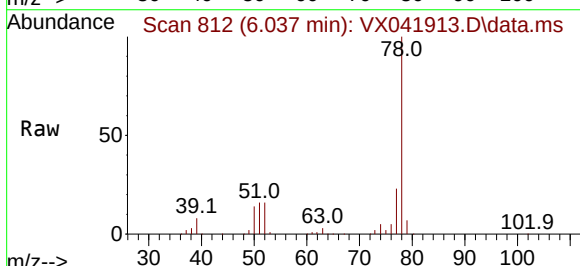
Delta R.T. -0.000 min

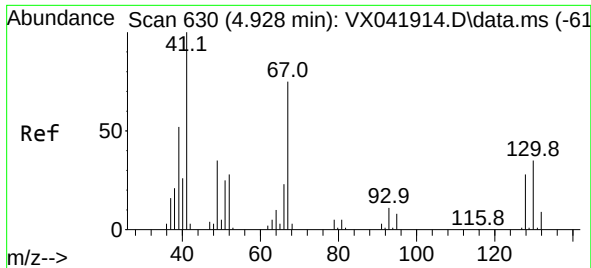
Lab File: VX041913.D

Acq: 18 Jun 2024 10:16

Tgt Ion: 78 Resp: 152422

Ion	Ratio	Lower	Upper
78	100		
77	23.3	19.3	28.9





#41
Methacrylonitrile
Concen: 20.788 ug/l
RT: 4.934 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX041913.D
Acq: 18 Jun 2024 10:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

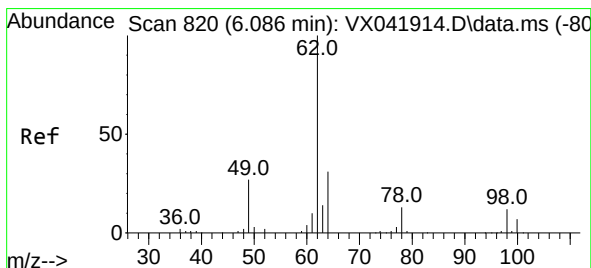
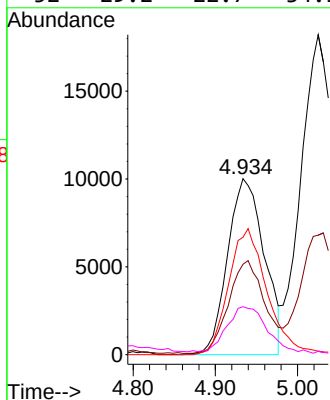
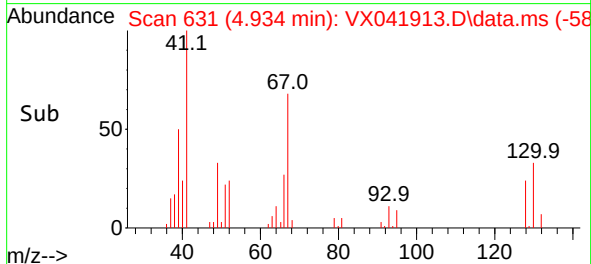
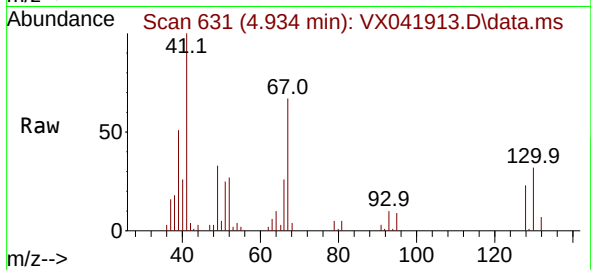
Tgt Ion: 41 Resp: 31090
Ion Ratio Lower Upper
41 100
39 52.7 45.2 67.8
67 75.5 52.6 78.8
52 29.2 22.7 34.1

Manual Integrations

APPROVED

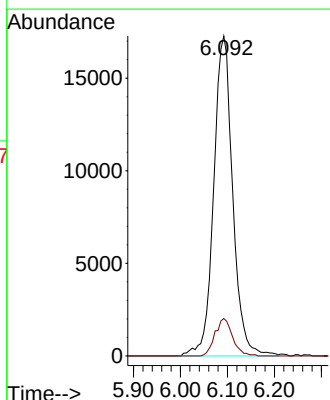
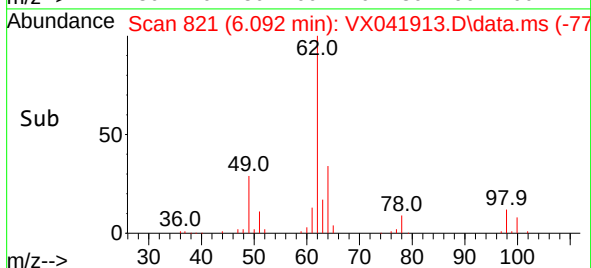
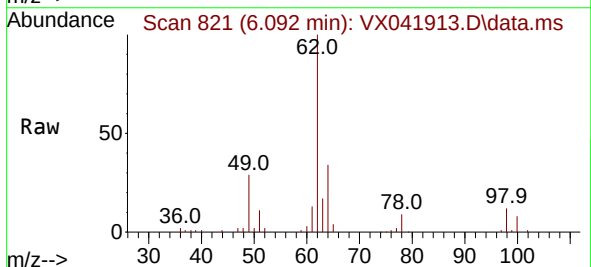
Reviewed By :John Carlone 06/19/2024

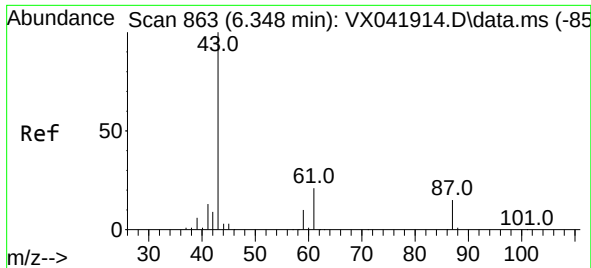
Supervised By :Mahesh Dadoda 06/19/2024



#42
1,2-Dichloroethane
Concen: 21.130 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX041913.D
Acq: 18 Jun 2024 10:16

Tgt Ion: 62 Resp: 48618
Ion Ratio Lower Upper
62 100
98 10.8 0.0 16.0





#43

Isopropyl Acetate

Concen: 20.334 ug/l

RT: 6.354 min Scan# 864

Delta R.T. 0.006 min

Lab File: VX041913.D

Acq: 18 Jun 2024 10:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

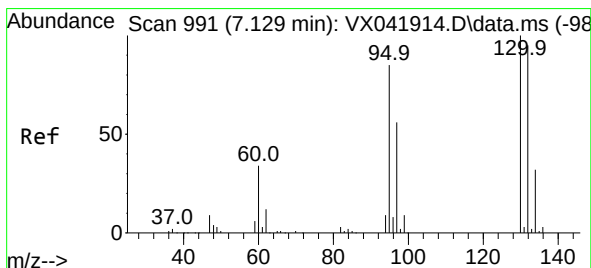
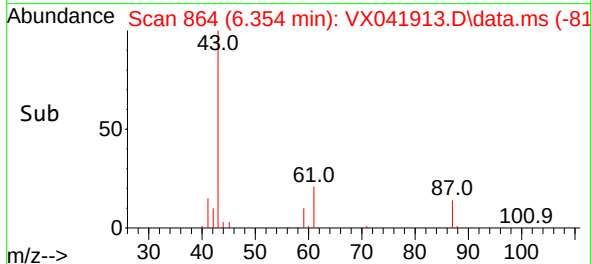
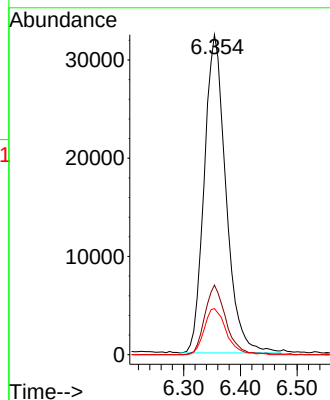
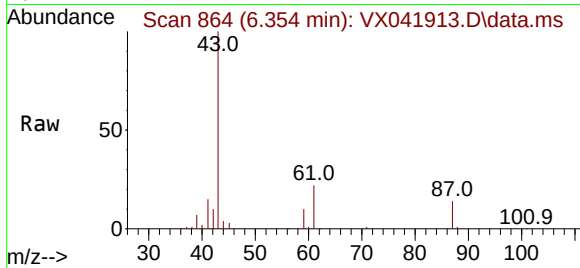
Tgt Ion: 43	Resp: 86110
Ion Ratio	Lower Upper
43 100	
61 21.3	15.2 22.8
87 14.8	9.8 14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2024

Supervised By :Mahesh Dadoda 06/19/2024



#44

Trichloroethene

Concen: 21.410 ug/l

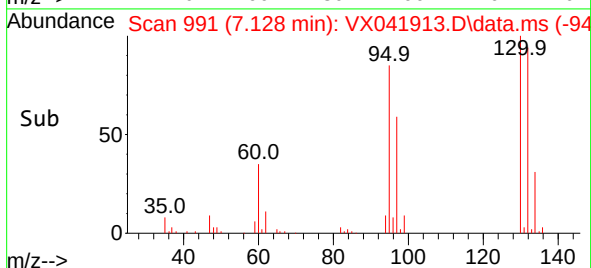
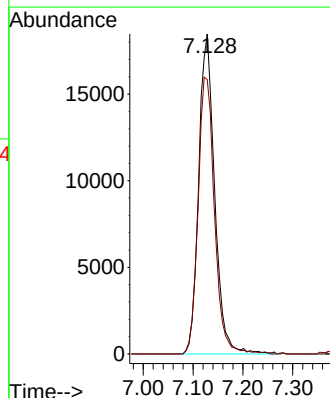
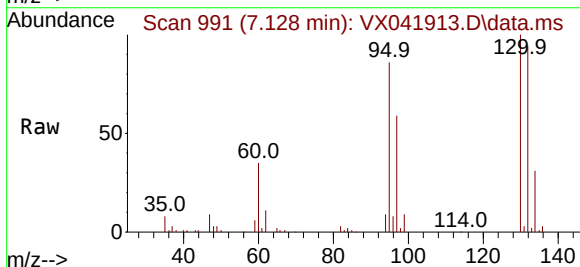
RT: 7.128 min Scan# 991

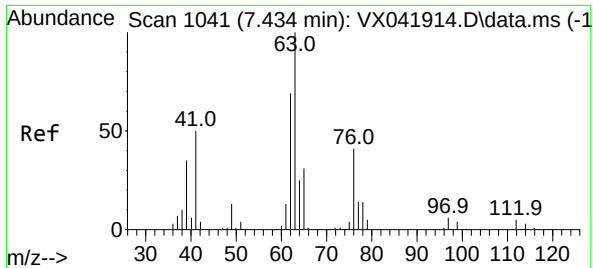
Delta R.T. -0.000 min

Lab File: VX041913.D

Acq: 18 Jun 2024 10:16

Tgt Ion:130	Resp: 40993
Ion Ratio	Lower Upper
130 100	
95 85.8	0.0 204.4





#45
1,2-Dichloropropane
Concen: 21.015 ug/l
RT: 7.433 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VX041913.D
Acq: 18 Jun 2024 10:16

Instrument :

MSVOA_X

ClientSampleId :

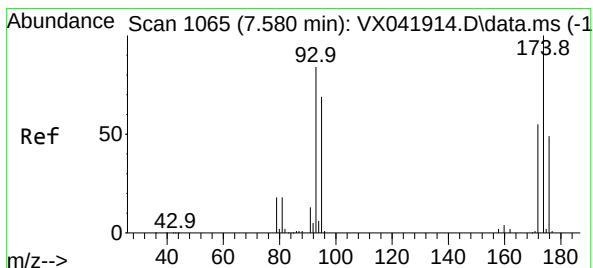
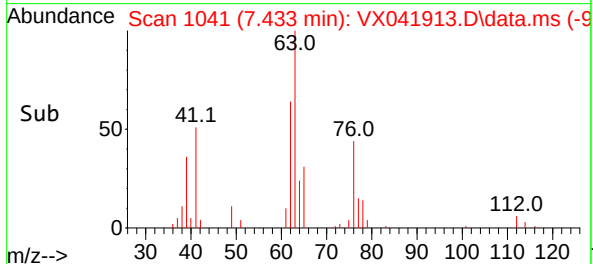
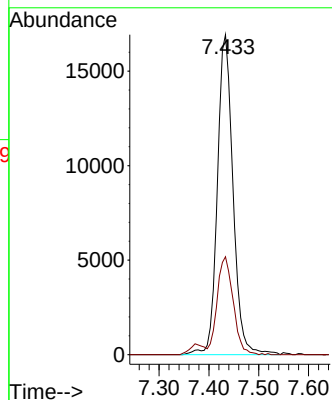
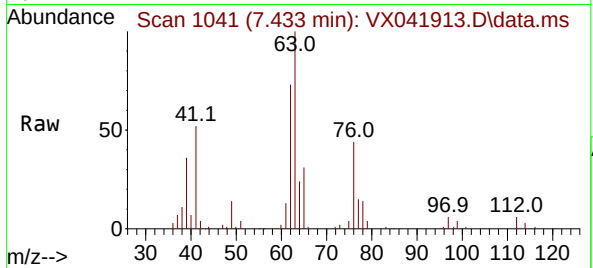
VSTDICC020

Tgt Ion: 63 Resp: 36910
Ion Ratio Lower Upper
63 100
65 30.6 24.3 36.5

Manual Integrations

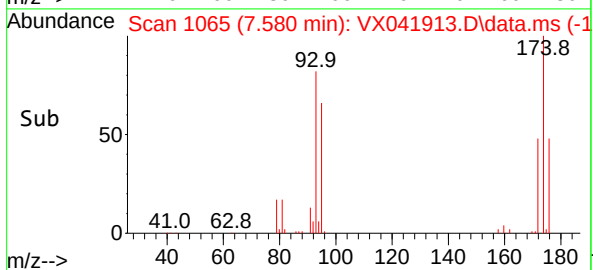
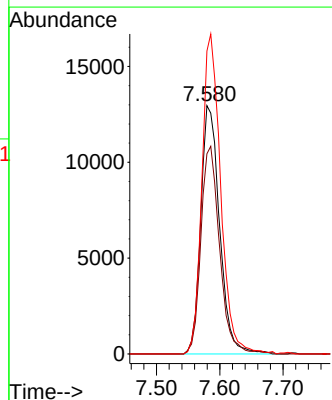
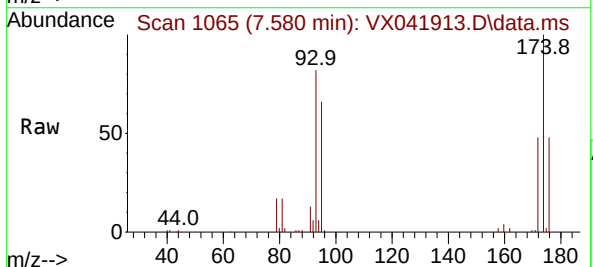
APPROVED

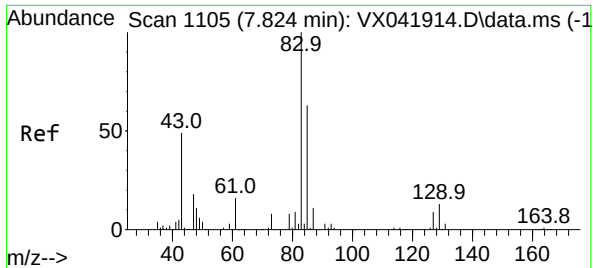
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#46
Dibromomethane
Concen: 20.998 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VX041913.D
Acq: 18 Jun 2024 10:16

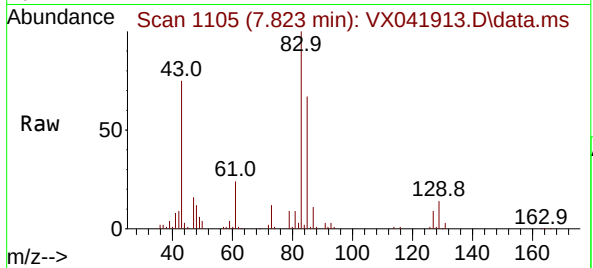
Tgt Ion: 93 Resp: 26872
Ion Ratio Lower Upper
93 100
95 83.3 66.6 100.0
174 128.3 69.4 104.0#





#47
Bromodichloromethane
Concen: 20.116 ug/l
RT: 7.823 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX041913.D
Acq: 18 Jun 2024 10:16

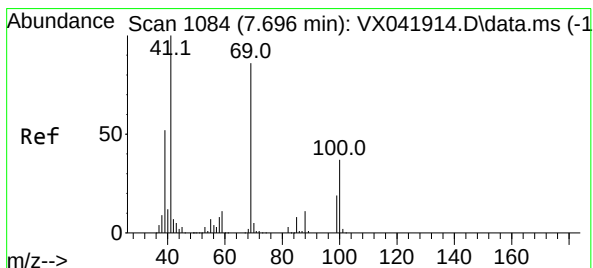
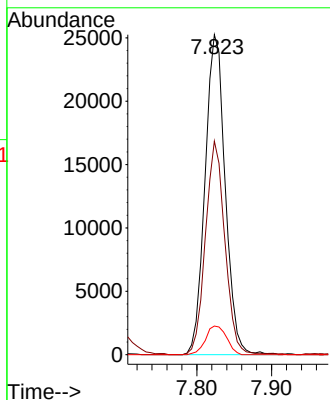
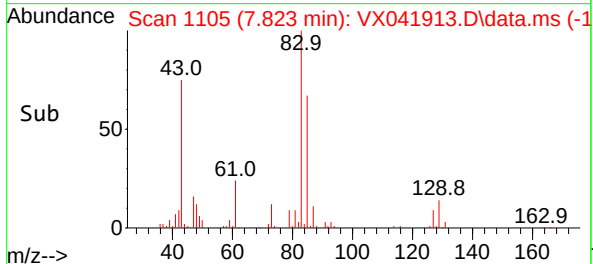
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 83 Resp: 47264
Ion Ratio Lower Upper
83 100
85 66.7 49.8 74.6
127 9.0 7.1 10.7

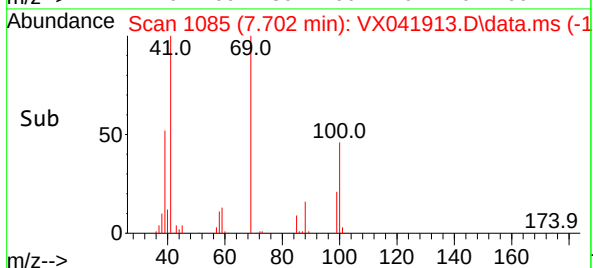
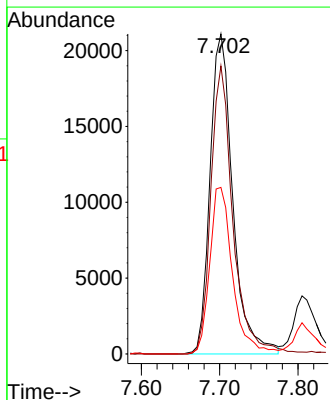
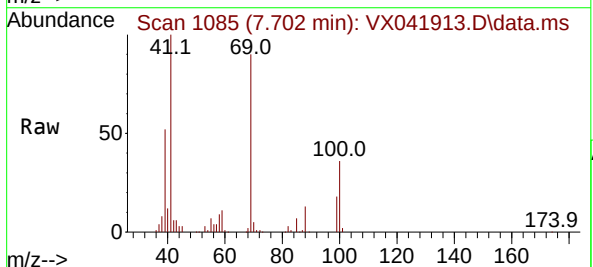
Manual Integrations
APPROVED

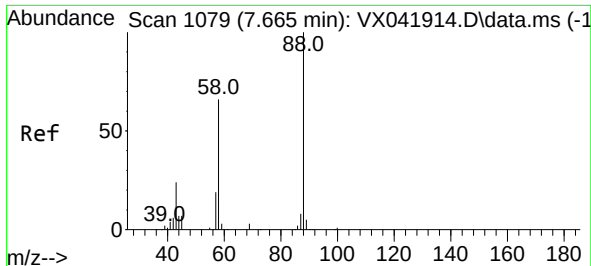
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#48
Methyl methacrylate
Concen: 21.056 ug/l
RT: 7.702 min Scan# 1085
Delta R.T. 0.006 min
Lab File: VX041913.D
Acq: 18 Jun 2024 10:16

Tgt Ion: 41 Resp: 42556
Ion Ratio Lower Upper
41 100
69 87.5 59.2 88.8
39 52.3 47.7 71.5





#49

1,4-Dioxane

Concen: 326.924 ug/l

RT: 7.677 min Scan# 1081

Delta R.T. 0.012 min

Lab File: VX041913.D

Acq: 18 Jun 2024 10:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

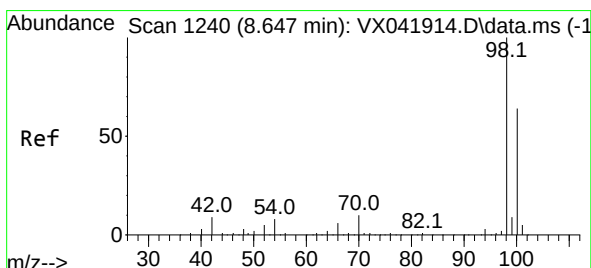
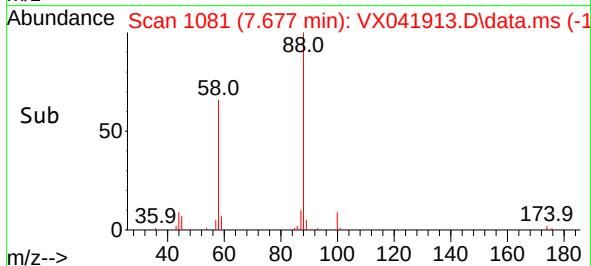
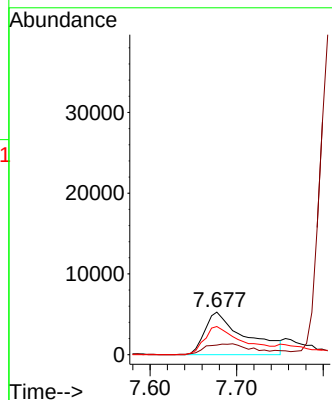
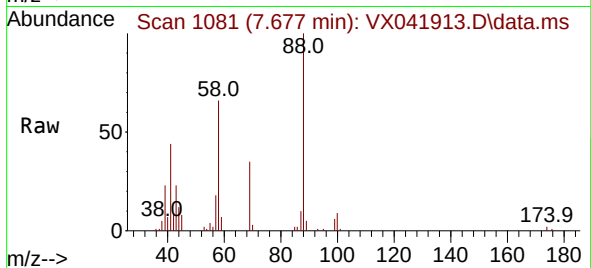
Tgt Ion: 88 Resp: 1675
 Ion Ratio Lower Upper
 88 100
 43 29.6 0.0 0.0
 58 65.3 60.1 90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2024

Supervised By :Mahesh Dadoda 06/19/2024



#50

Toluene-d8

Concen: 20.360 ug/l

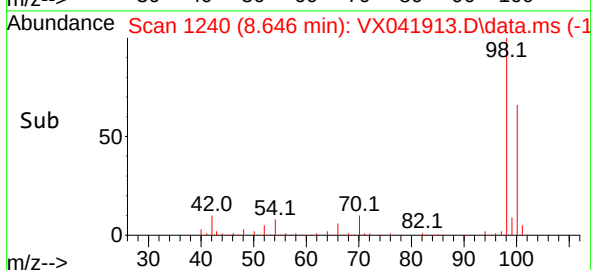
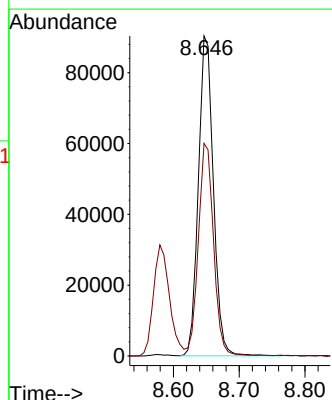
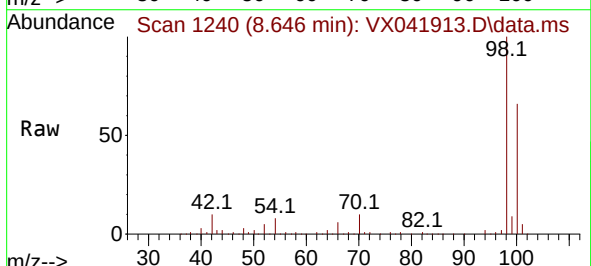
RT: 8.646 min Scan# 1240

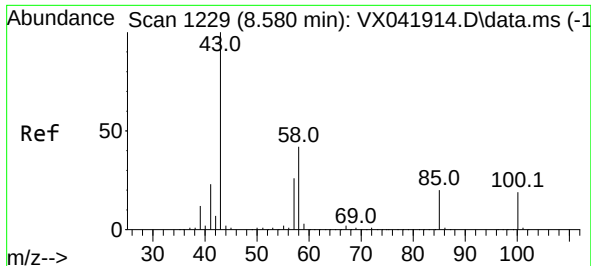
Delta R.T. -0.000 min

Lab File: VX041913.D

Acq: 18 Jun 2024 10:16

Tgt Ion: 98 Resp: 142660
 Ion Ratio Lower Upper
 98 100
 100 67.1 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 104.217 ug/l

RT: 8.579 min Scan# 1229

Delta R.T. -0.000 min

Lab File: VX041913.D

Acq: 18 Jun 2024 10:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 43 Resp: 304015

Ion Ratio Lower Upper

43 100

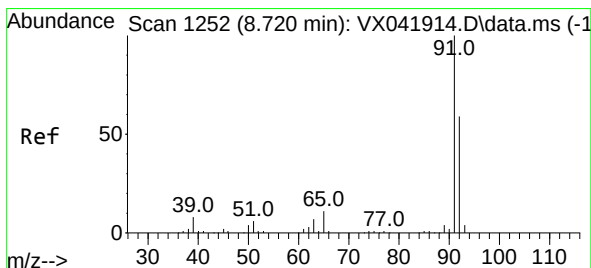
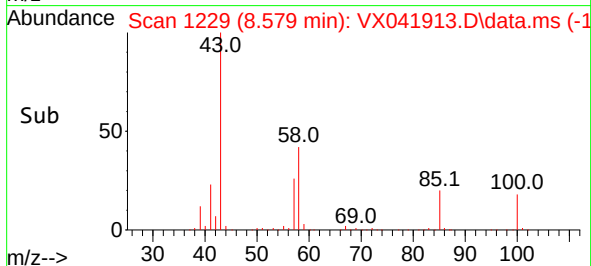
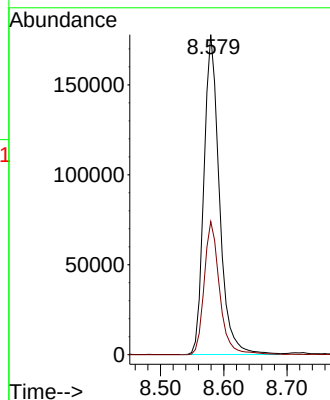
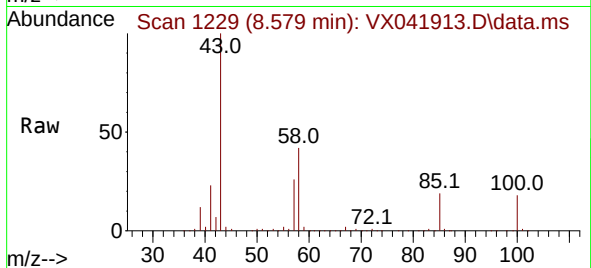
58 41.5 30.4 45.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2024

Supervised By :Mahesh Dadoda 06/19/2024



#52

Toluene

Concen: 21.391 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX041913.D

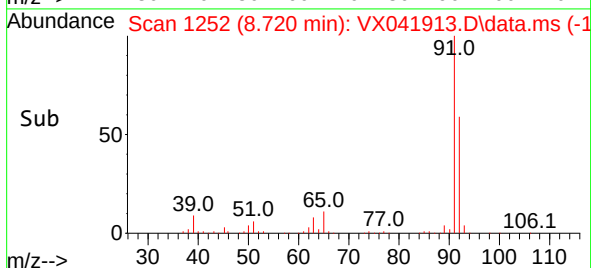
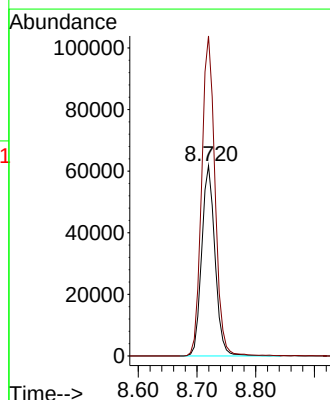
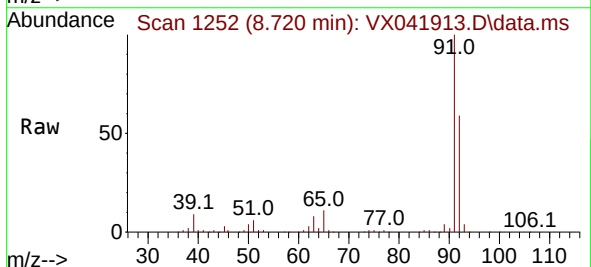
Acq: 18 Jun 2024 10:16

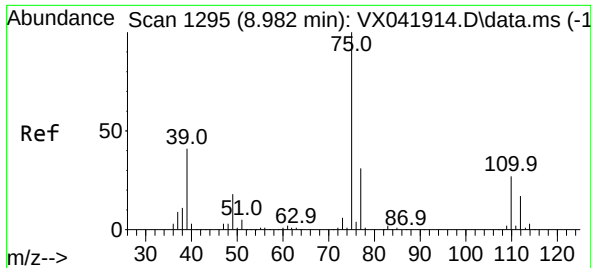
Tgt Ion: 92 Resp: 97298

Ion Ratio Lower Upper

92 100

91 168.7 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 19.785 ug/l

RT: 8.982 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX041913.D

Acq: 18 Jun 2024 10:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 75 Resp: 47060

Ion Ratio Lower Upper

75 100

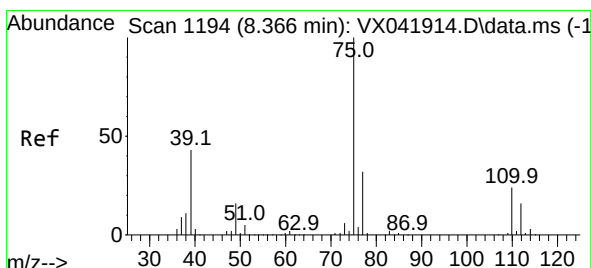
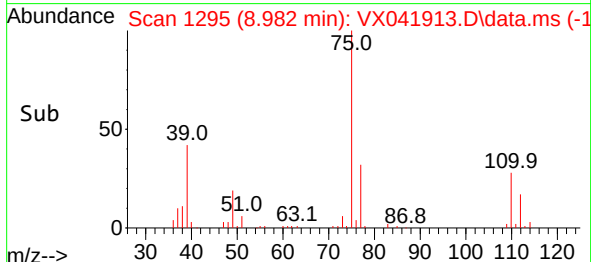
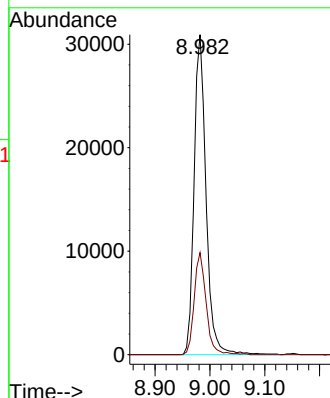
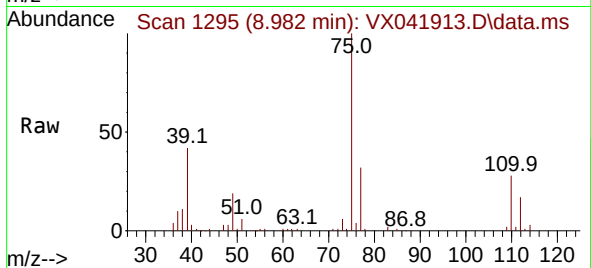
77 31.9 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2024

Supervised By :Mahesh Dadoda 06/19/2024



#54

cis-1,3-Dichloropropene

Concen: 20.923 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX041913.D

Acq: 18 Jun 2024 10:16

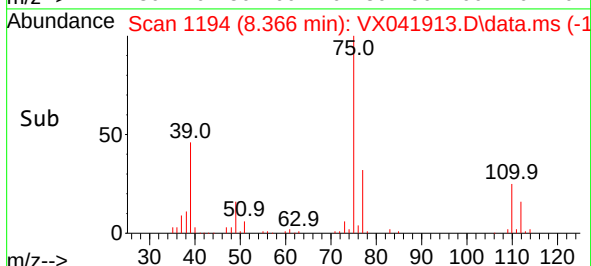
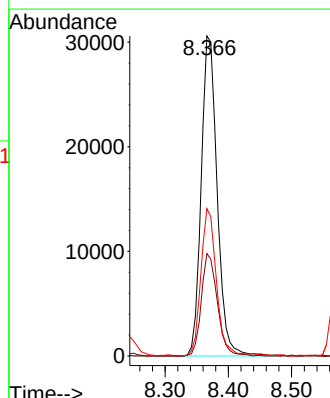
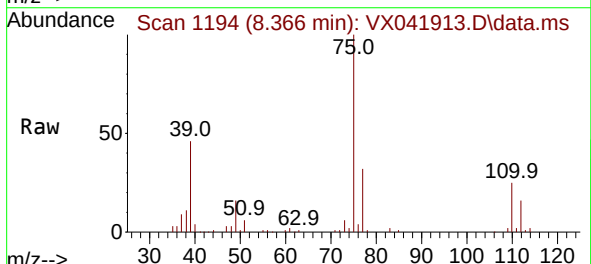
Tgt Ion: 75 Resp: 53820

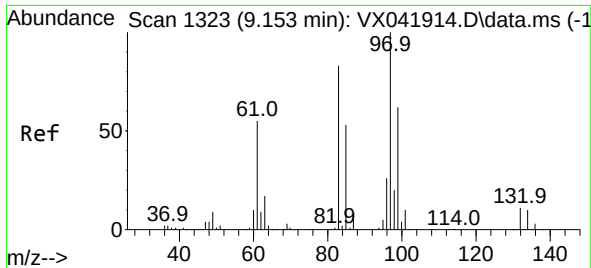
Ion Ratio Lower Upper

75 100

77 32.0 25.3 37.9

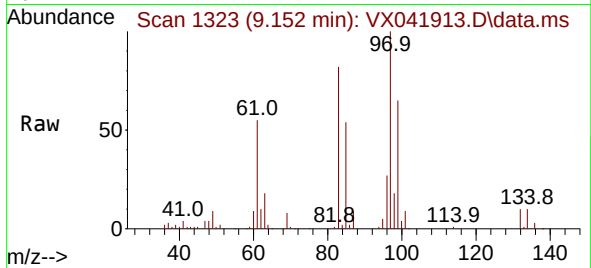
39 46.1 46.7 70.1#





#55
1,1,2-Trichloroethane
Concen: 21.029 ug/l
RT: 9.152 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX041913.D
Acq: 18 Jun 2024 10:16

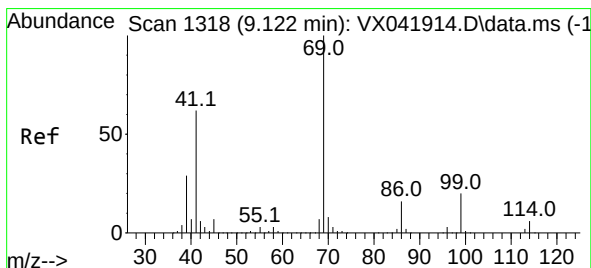
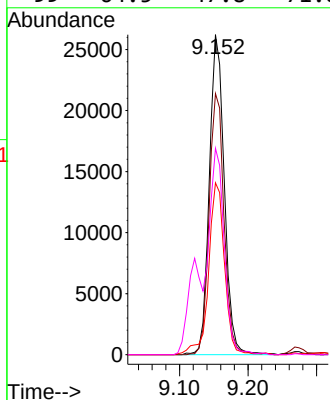
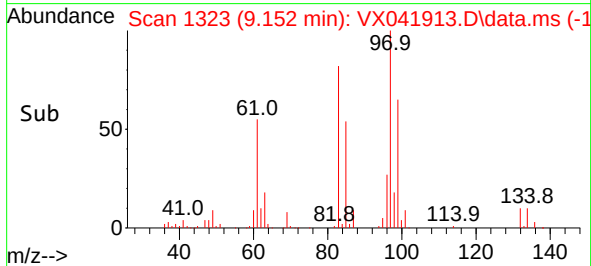
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



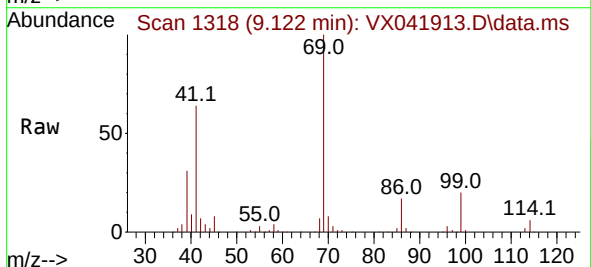
Tgt Ion	Ratio	Lower	Upper
97	100		
83	81.6	65.8	98.8
85	53.7	41.6	62.4
99	64.5	47.8	71.8

Manual Integrations
APPROVED

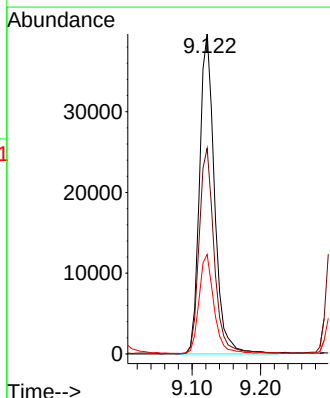
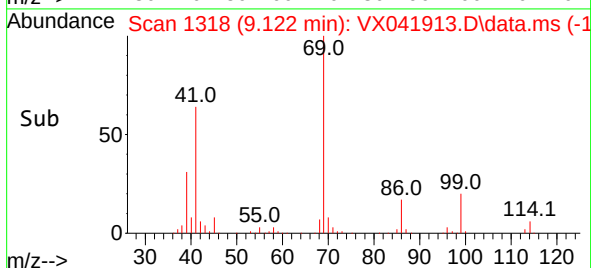
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024

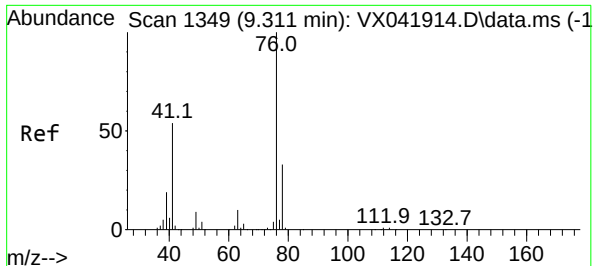


#56
Ethyl methacrylate
Concen: 20.521 ug/l
RT: 9.122 min Scan# 1318
Delta R.T. -0.000 min
Lab File: VX041913.D
Acq: 18 Jun 2024 10:16



Tgt Ion	Ratio	Lower	Upper
69	100		
41	65.0	56.8	85.2
39	30.7	32.0	48.0





#57
1,3-Dichloropropane
Concen: 20.856 ug/l
RT: 9.311 min Scan# 11349
Delta R.T. -0.000 min
Lab File: VX041913.D
Acq: 18 Jun 2024 10:16

Instrument :

MSVOA_X

ClientSampleId :

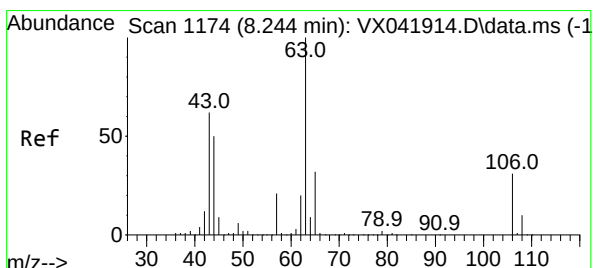
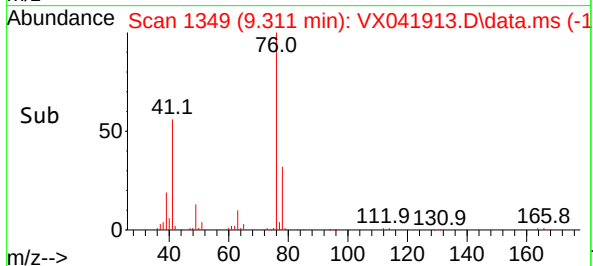
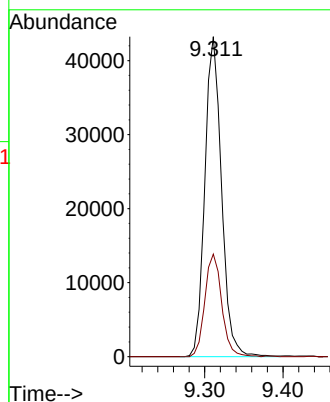
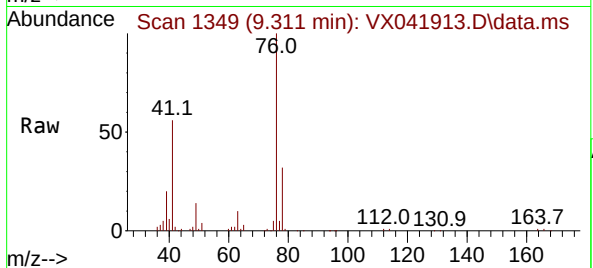
VSTDICC020

Tgt Ion: 76 Resp: 63849
Ion Ratio Lower Upper
76 100
78 32.4 26.1 39.1

Manual Integrations

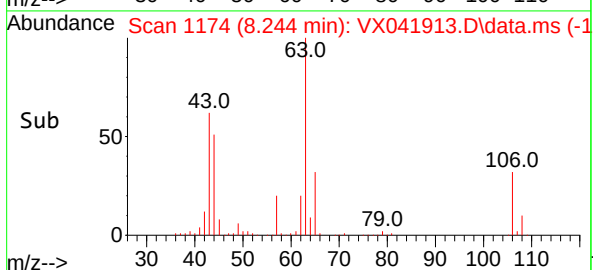
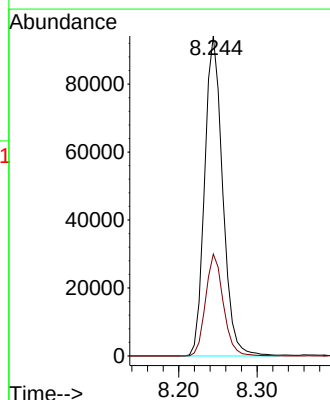
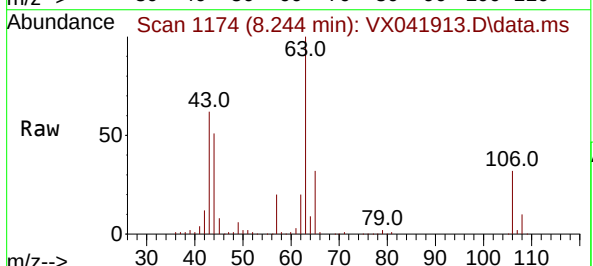
APPROVED

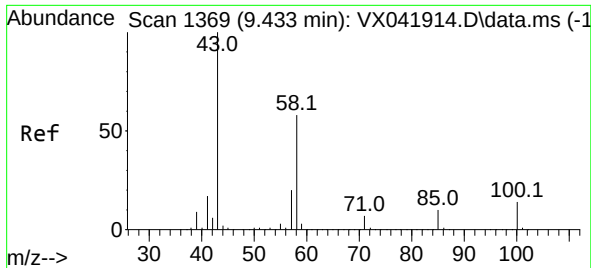
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#58
2-Chloroethyl Vinyl ether
Concen: 109.463 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. -0.000 min
Lab File: VX041913.D
Acq: 18 Jun 2024 10:16

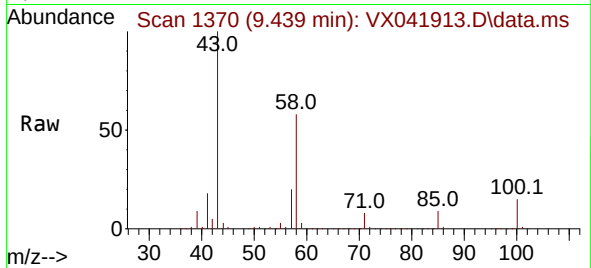
Tgt Ion: 63 Resp: 150374
Ion Ratio Lower Upper
63 100
106 31.3 22.5 33.7





#59
2-Hexanone
Concen: 105.256 ug/l
RT: 9.439 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX041913.D
Acq: 18 Jun 2024 10:16

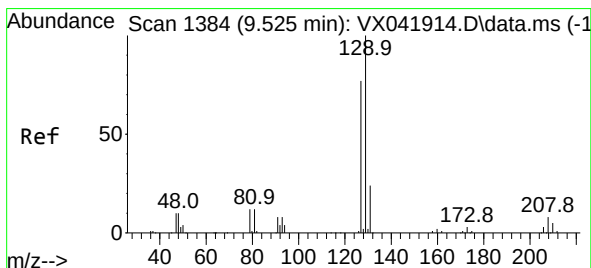
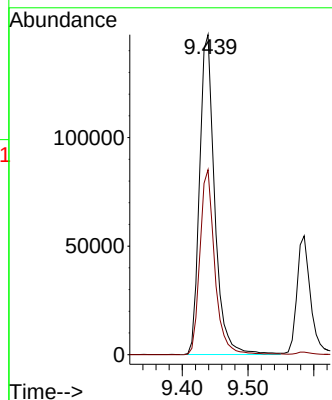
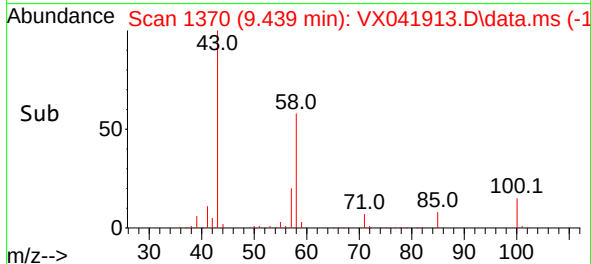
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 43 Resp: 235170
Ion Ratio Lower Upper
43 100
58 56.6 26.2 78.5

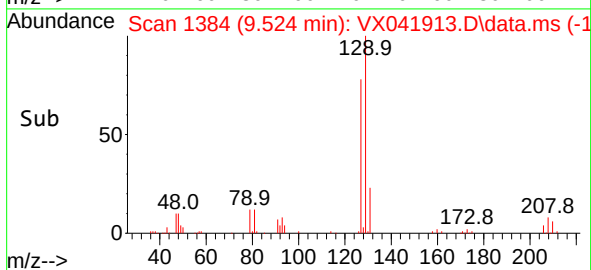
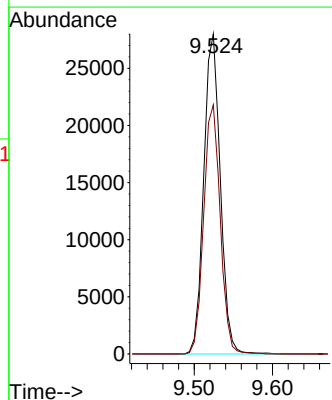
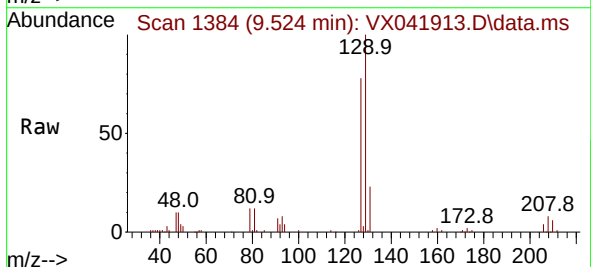
Manual Integrations
APPROVED

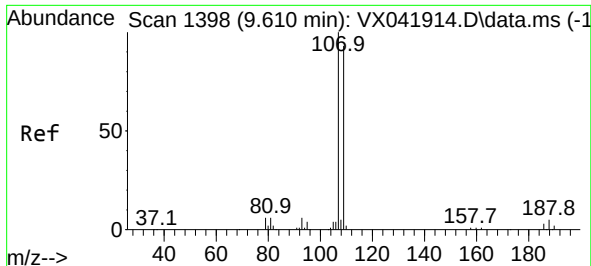
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#60
Dibromochloromethane
Concen: 19.932 ug/l
RT: 9.524 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VX041913.D
Acq: 18 Jun 2024 10:16

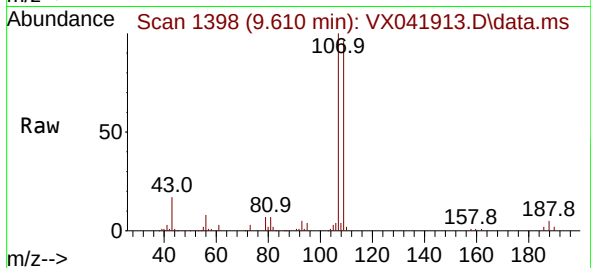
Tgt Ion:129 Resp: 41025
Ion Ratio Lower Upper
129 100
127 77.9 38.8 116.4





#61
1,2-Dibromoethane
Concen: 21.196 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX041913.D
Acq: 18 Jun 2024 10:16

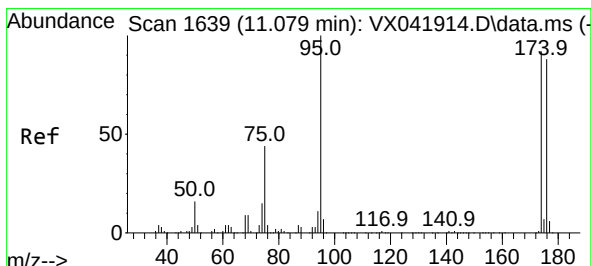
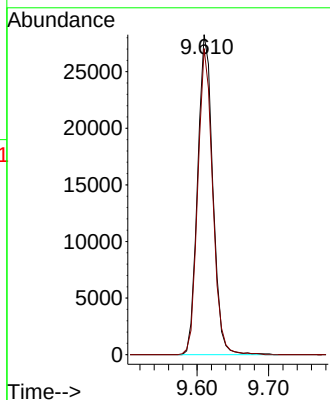
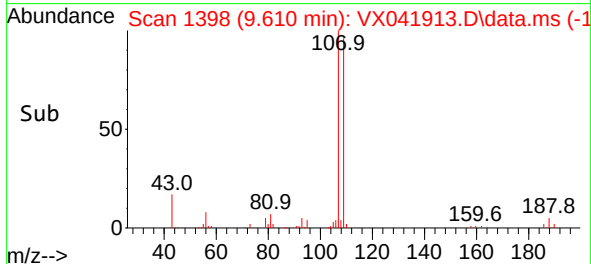
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



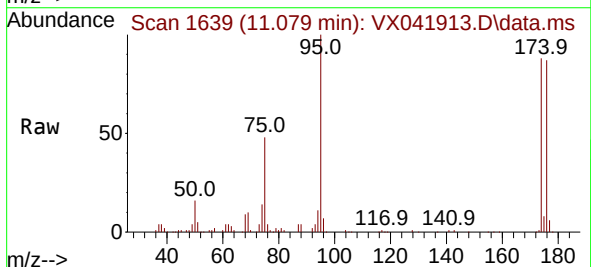
Tgt Ion:107 Resp: 41652
Ion Ratio Lower Upper
107 100
109 94.0 75.2 112.8

Manual Integrations
APPROVED

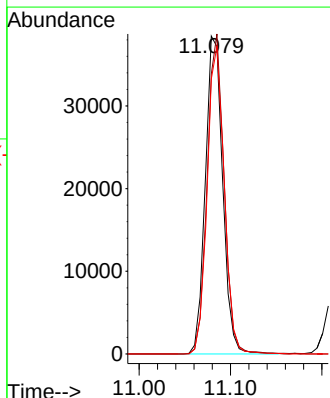
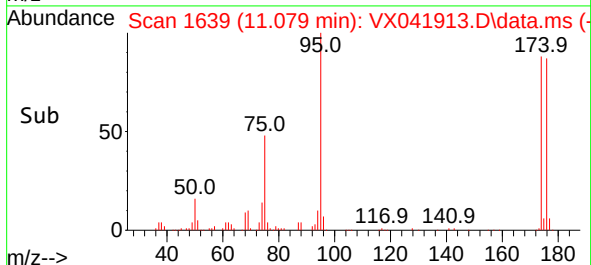
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024

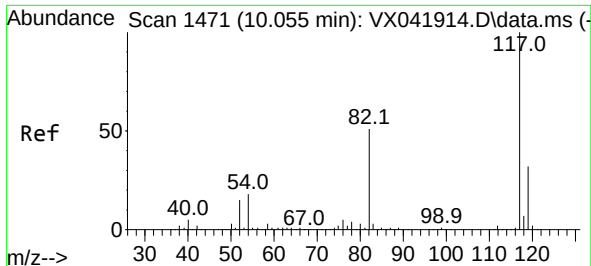


#62
4-Bromofluorobenzene
Concen: 19.604 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX041913.D
Acq: 18 Jun 2024 10:16



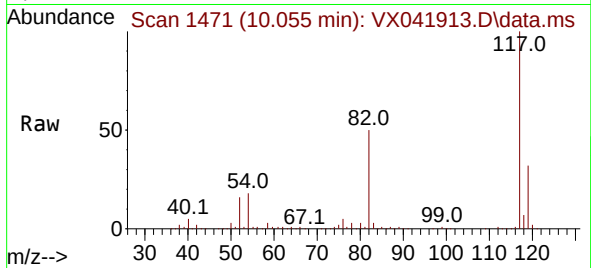
Tgt Ion: 95 Resp: 50635
Ion Ratio Lower Upper
95 100
174 97.9 0.0 135.6
176 95.1 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX041913.D
Acq: 18 Jun 2024 10:16

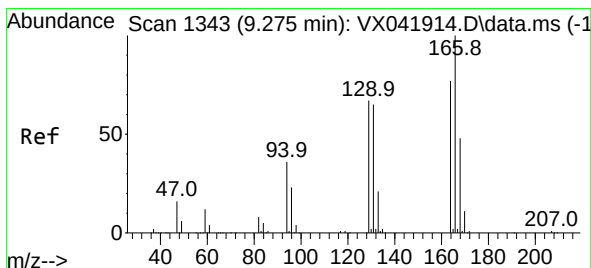
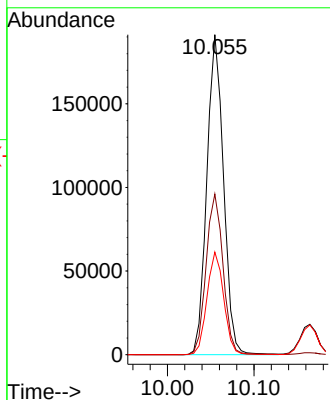
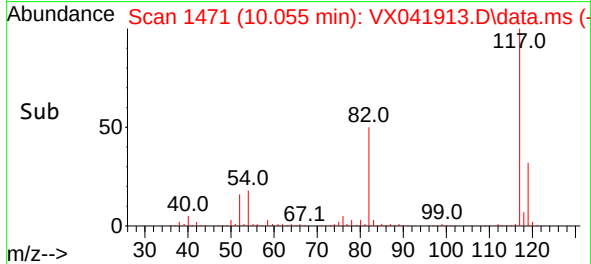
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion:117 Resp: 256017
Ion Ratio Lower Upper
117 100
82 50.2 46.2 69.4
119 32.1 25.5 38.3

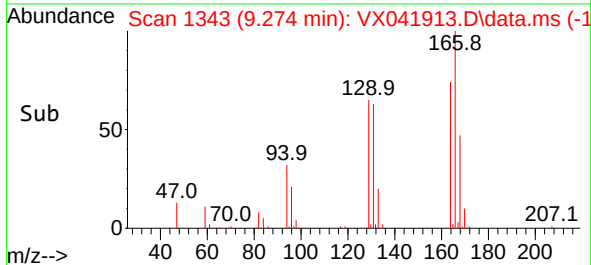
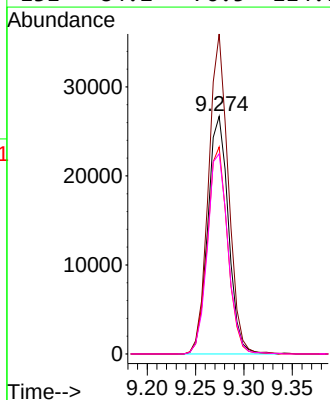
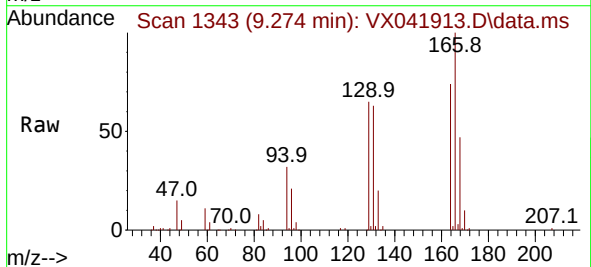
Manual Integrations
APPROVED

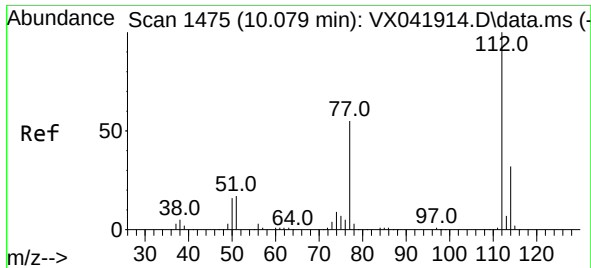
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#64
Tetrachloroethene
Concen: 21.245 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX041913.D
Acq: 18 Jun 2024 10:16

Tgt Ion:164 Resp: 39602
Ion Ratio Lower Upper
164 100
166 134.7 102.7 154.1
129 87.1 80.4 120.6
131 84.2 76.5 114.7





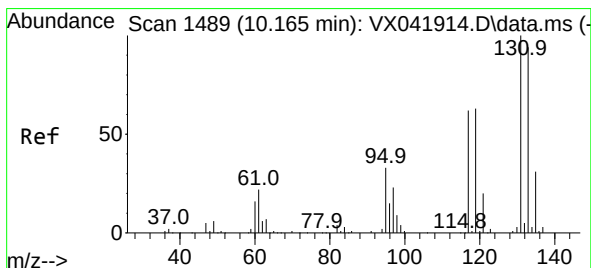
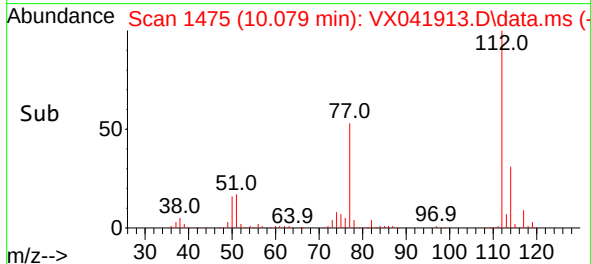
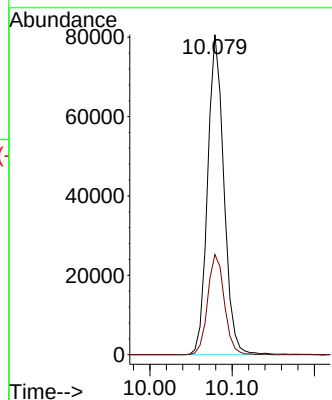
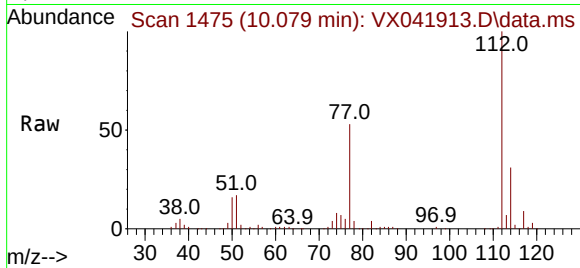
#65
Chlorobenzene
Concen: 20.778 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX041913.D
Acq: 18 Jun 2024 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:112 Resp: 11063
Ion Ratio Lower Upper
112 100
114 31.3 25.7 38.5

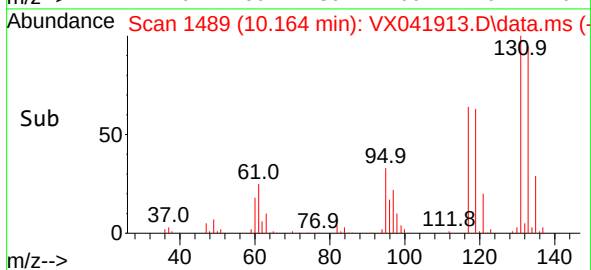
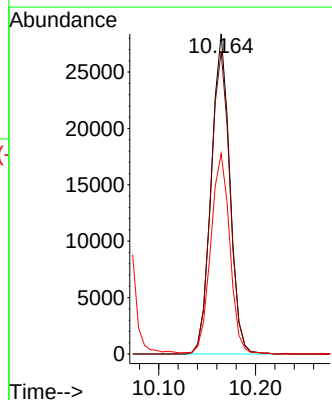
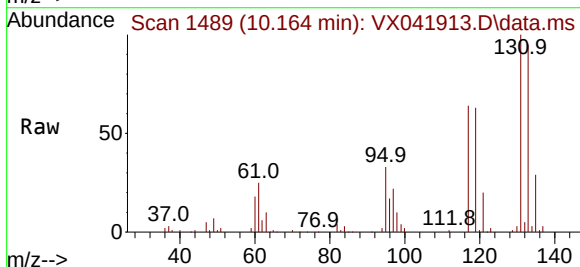
Manual Integrations
APPROVED

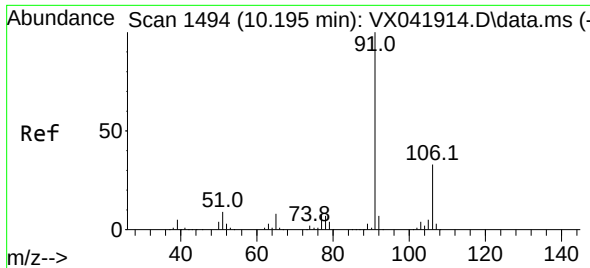
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 20.218 ug/l
RT: 10.164 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX041913.D
Acq: 18 Jun 2024 10:16

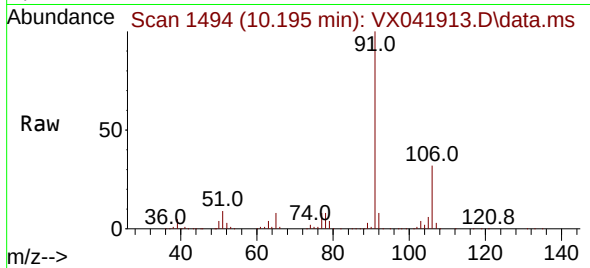
Tgt Ion:131 Resp: 37690
Ion Ratio Lower Upper
131 100
133 97.0 47.1 141.4
119 64.7 32.2 96.6





#67
Ethyl Benzene
Concen: 21.040 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX041913.D
Acq: 18 Jun 2024 10:16

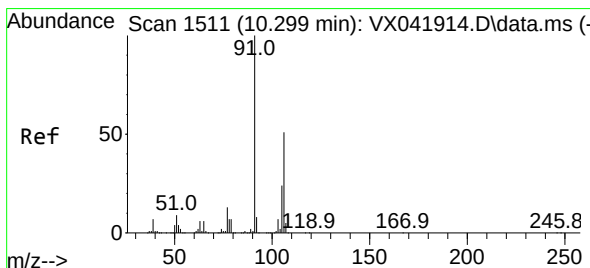
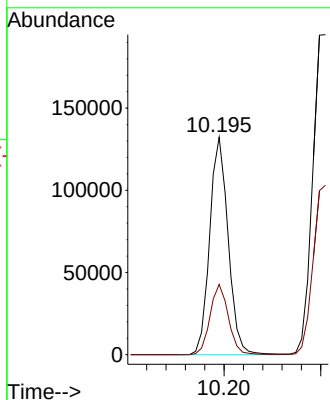
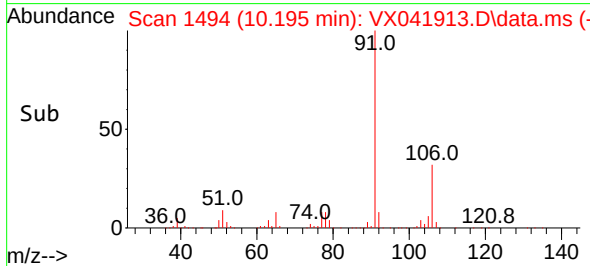
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



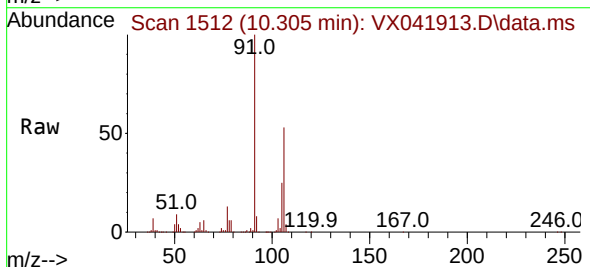
Tgt Ion: 91 Resp: 175569
Ion Ratio Lower Upper
91 100
106 32.3 24.9 37.3

Manual Integrations
APPROVED

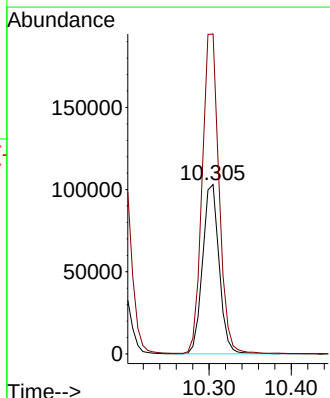
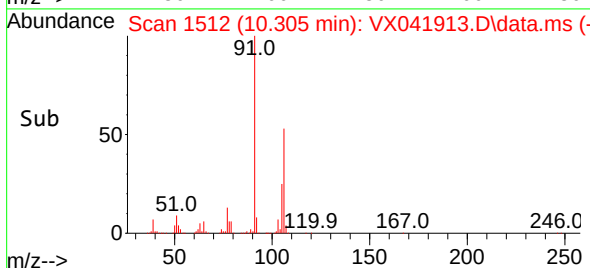
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024

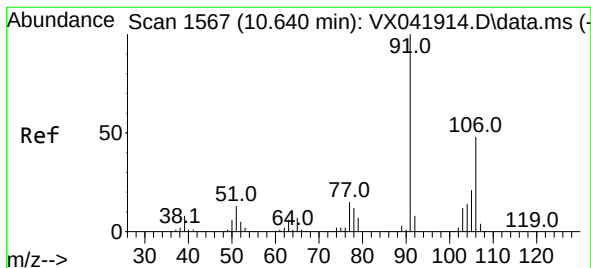


#68
m/p-Xylenes
Concen: 42.763 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX041913.D
Acq: 18 Jun 2024 10:16



Tgt Ion:106 Resp: 144043
Ion Ratio Lower Upper
106 100
91 192.9 165.5 248.3





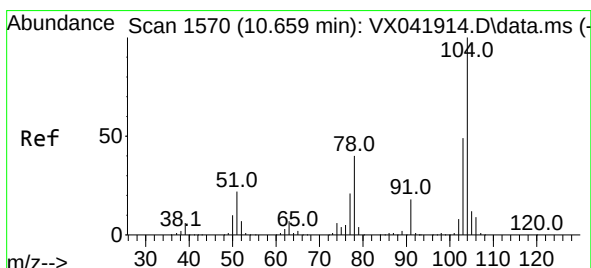
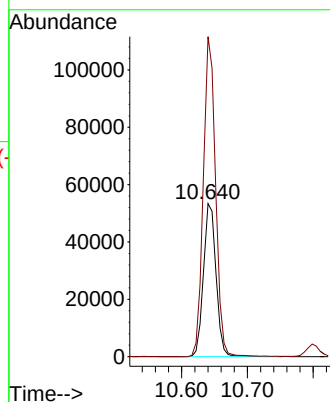
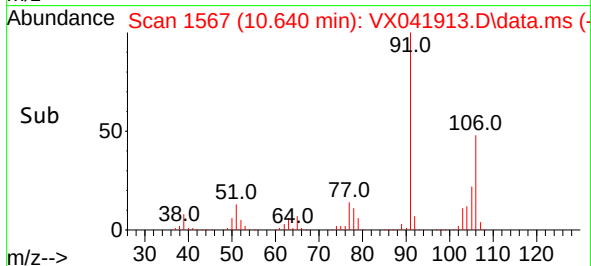
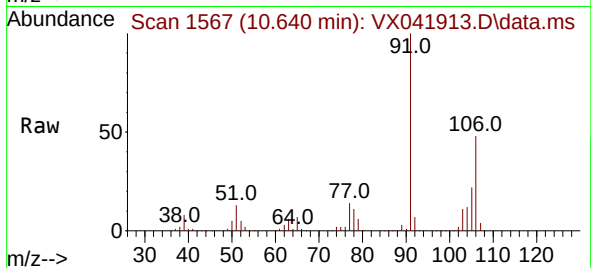
#69
o-Xylene
Concen: 21.341 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX041913.D
Acq: 18 Jun 2024 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:106 Resp: 71169
Ion Ratio Lower Upper
106 100
91 203.9 108.9 326.8

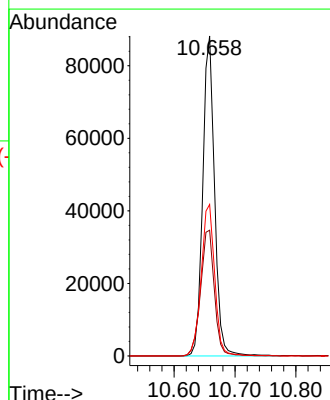
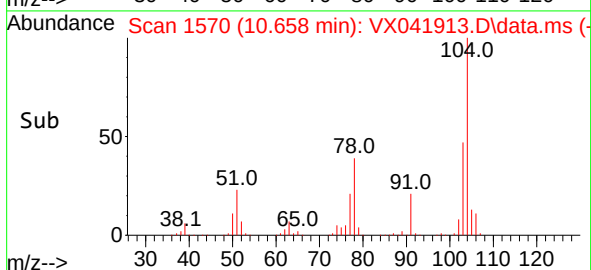
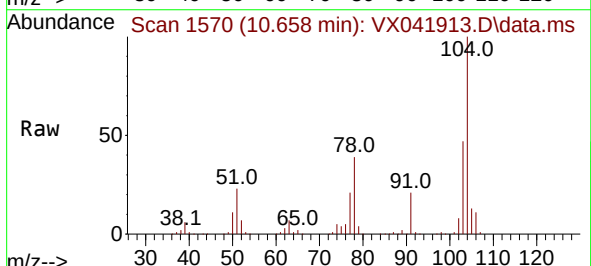
Manual Integrations
APPROVED

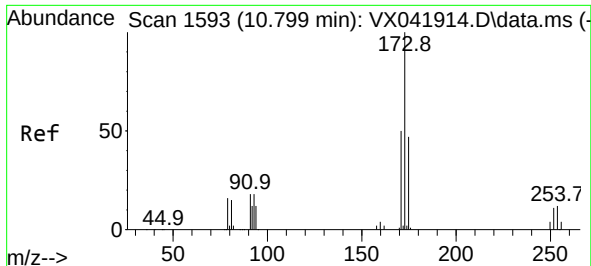
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#70
Styrene
Concen: 21.310 ug/l
RT: 10.658 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX041913.D
Acq: 18 Jun 2024 10:16

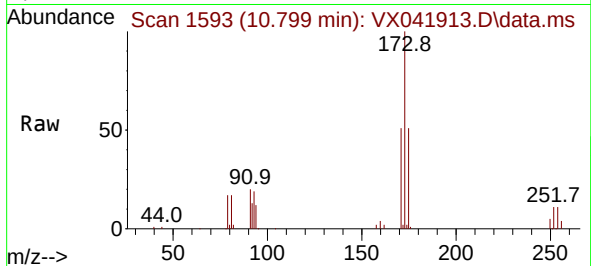
Tgt Ion:104 Resp: 119169
Ion Ratio Lower Upper
104 100
78 45.9 43.6 65.4
103 54.2 43.6 65.4





#71
Bromoform
Concen: 19.179 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX041913.D
Acq: 18 Jun 2024 10:16

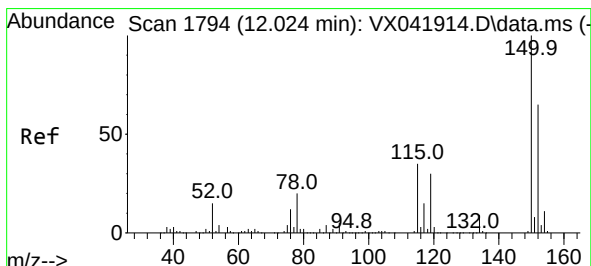
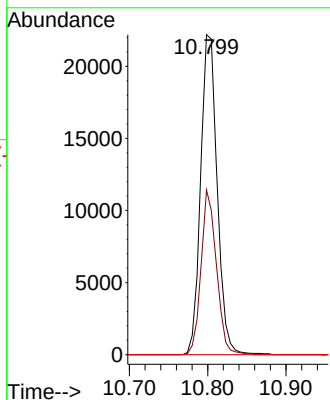
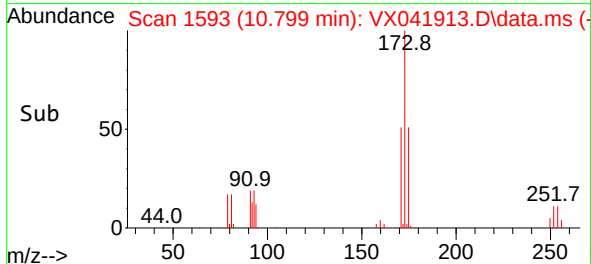
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



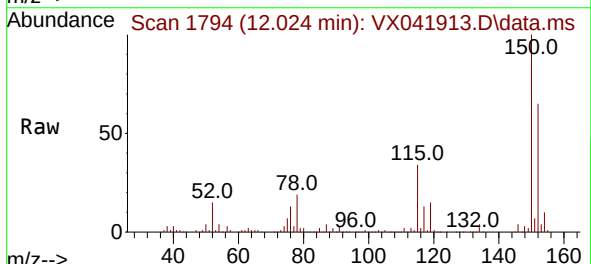
Tgt Ion:173 Resp: 3263
Ion Ratio Lower Upper
173 100
175 47.7 24.1 72.4
254 0.0 0.0 0.0

Manual Integrations
APPROVED

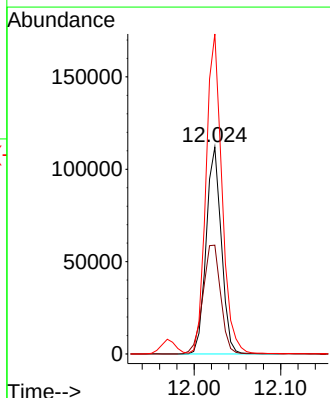
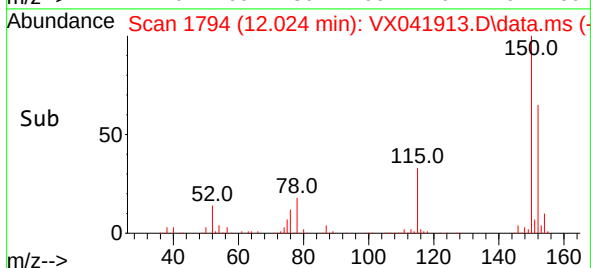
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024

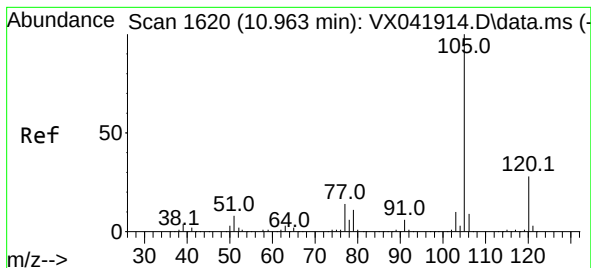


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX041913.D
Acq: 18 Jun 2024 10:16



Tgt Ion:152 Resp: 136379
Ion Ratio Lower Upper
152 100
115 61.6 43.3 129.9
150 163.2 0.0 345.0





#73

Isopropylbenzene

Concen: 21.435 ug/l

RT: 10.963 min Scan# 1601

Delta R.T. -0.000 min

Lab File: VX041913.D

Acq: 18 Jun 2024 10:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion:105 Resp: 17775

Ion Ratio Lower Upper

105 100

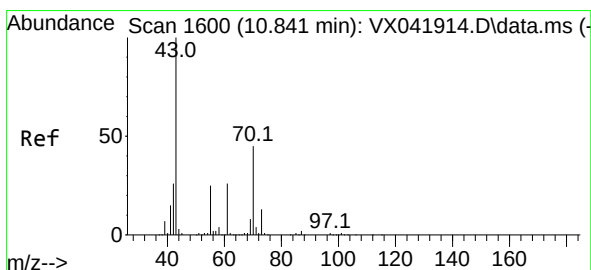
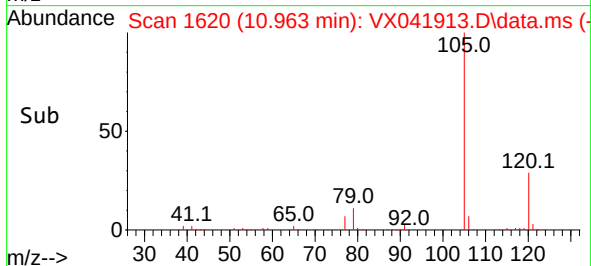
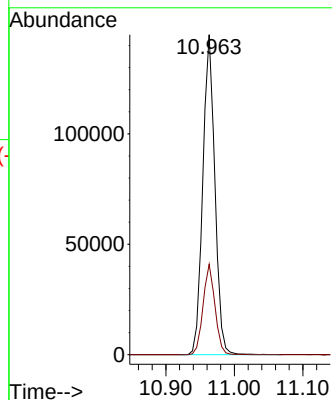
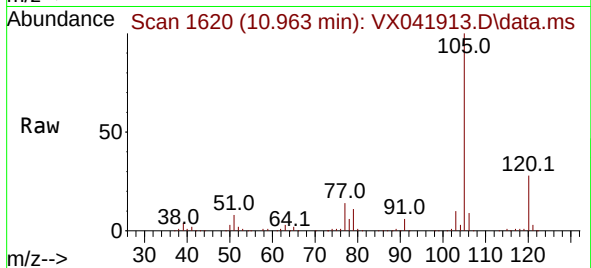
120 27.8 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2024

Supervised By :Mahesh Dadoda 06/19/2024



#74

N-ethyl acetate

Concen: 21.000 ug/l

RT: 10.847 min Scan# 1601

Delta R.T. 0.006 min

Lab File: VX041913.D

Acq: 18 Jun 2024 10:16

Tgt Ion: 43 Resp: 77352

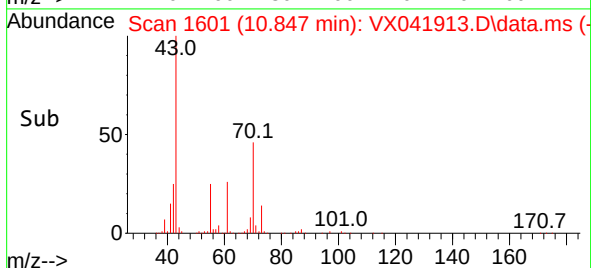
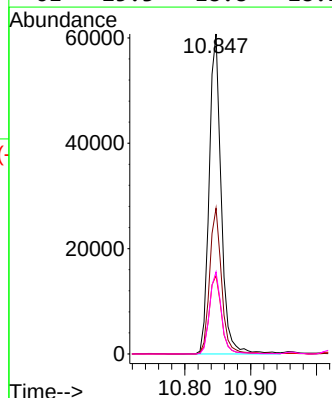
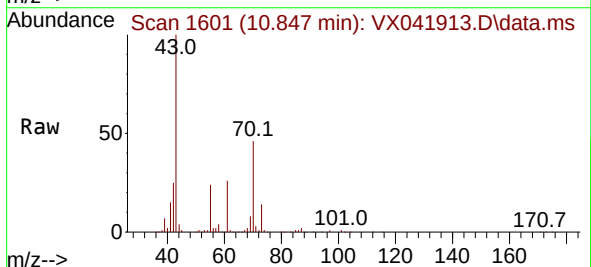
Ion Ratio Lower Upper

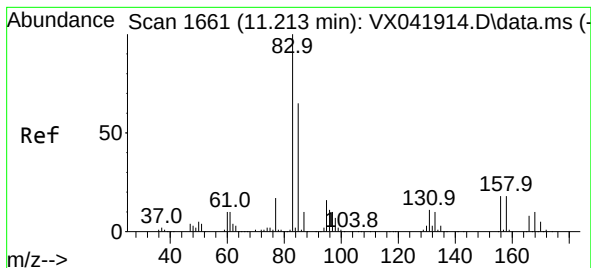
43 100

70 45.1 32.9 49.3

55 25.0 19.3 28.9

61 25.3 18.8 28.2





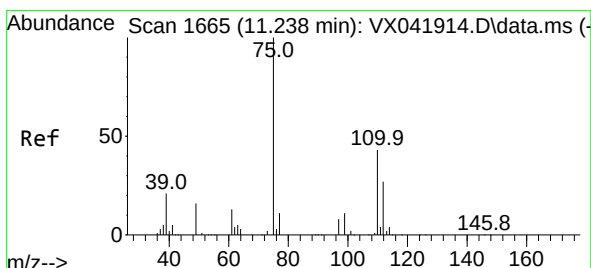
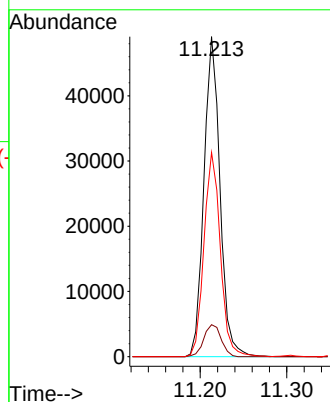
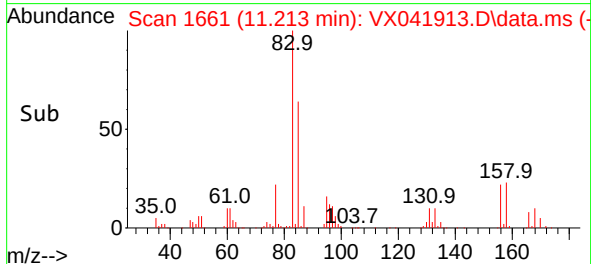
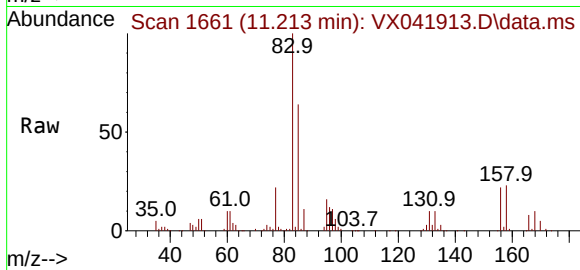
#75
1,1,2,2-Tetrachloroethane
Concen: 20.510 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX041913.D
Acq: 18 Jun 2024 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 83 Resp: 63240
Ion Ratio Lower Upper
83 100
131 10.8 5.3 15.8
85 65.0 32.0 96.2

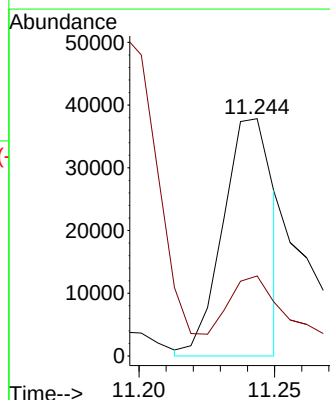
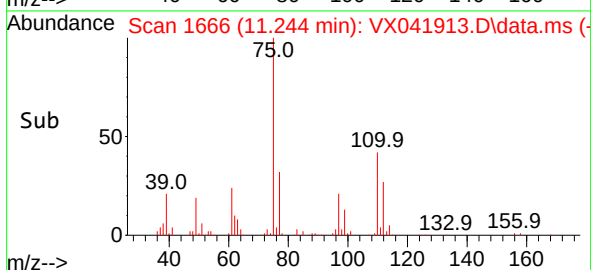
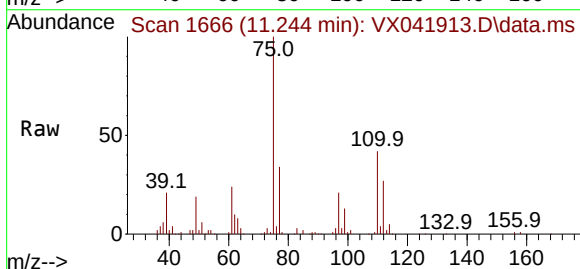
Manual Integrations
APPROVED

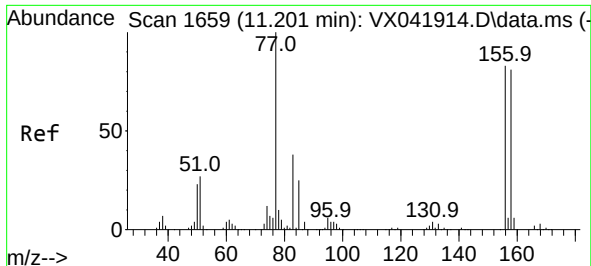
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#76
1,2,3-Trichloropropane
Concen: 19.628 ug/l m
RT: 11.244 min Scan# 1666
Delta R.T. 0.006 min
Lab File: VX041913.D
Acq: 18 Jun 2024 10:16

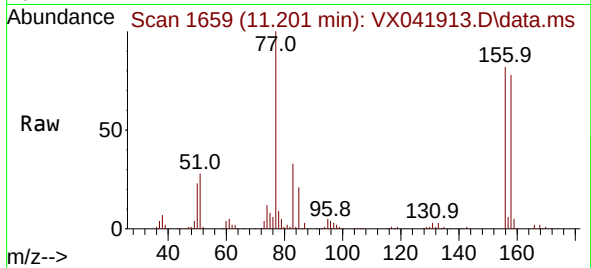
Tgt Ion: 75 Resp: 48595
Ion Ratio Lower Upper
75 100
77 42.8 19.1 57.5





#77
Bromobenzene
Concen: 21.212 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. -0.000 min
Lab File: VX041913.D
Acq: 18 Jun 2024 10:16

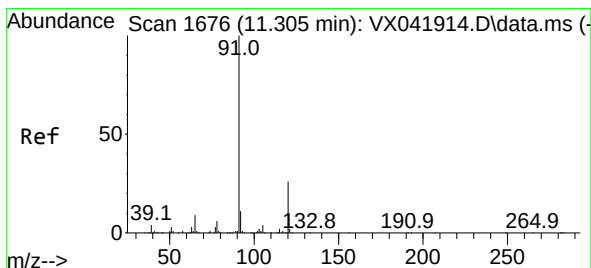
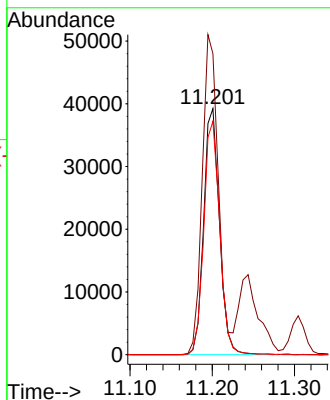
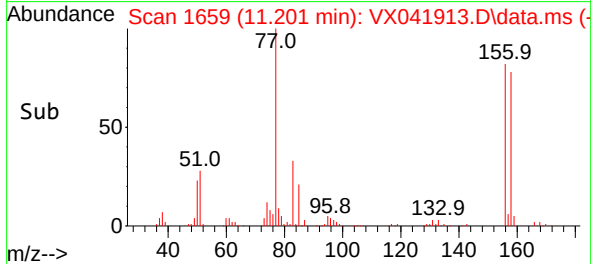
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



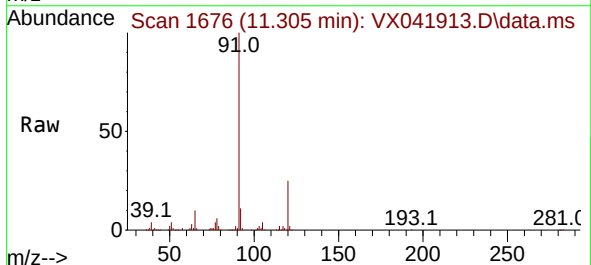
Tgt Ion:156 Resp: 5238
Ion Ratio Lower Upper
156 100
77 133.1 88.4 265.3
158 96.1 48.0 144.0

Manual Integrations
APPROVED

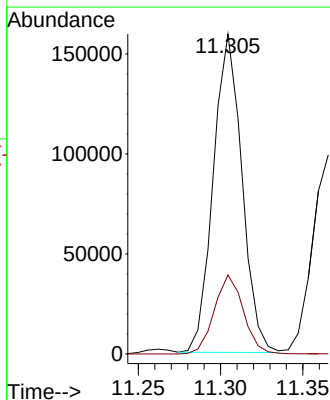
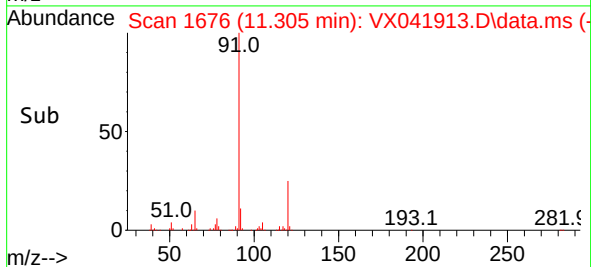
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024

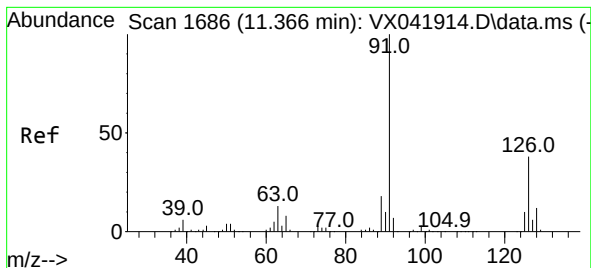


#78
n-propylbenzene
Concen: 21.403 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX041913.D
Acq: 18 Jun 2024 10:16



Tgt Ion: 91 Resp: 192571
Ion Ratio Lower Upper
91 100
120 25.1 11.5 34.4





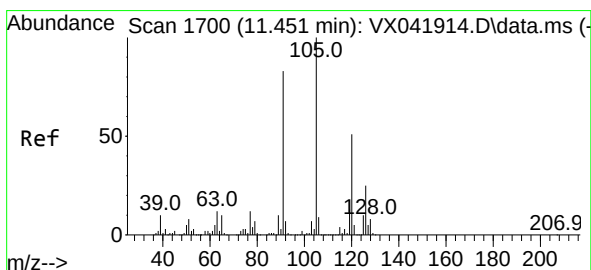
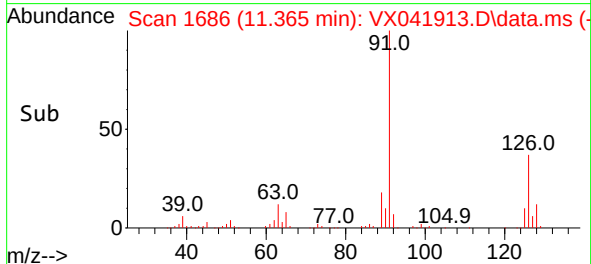
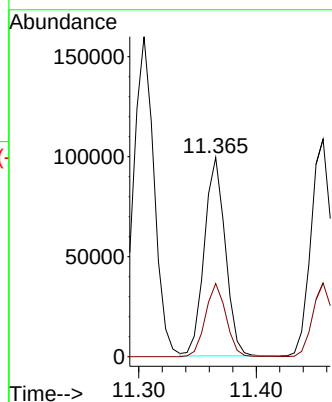
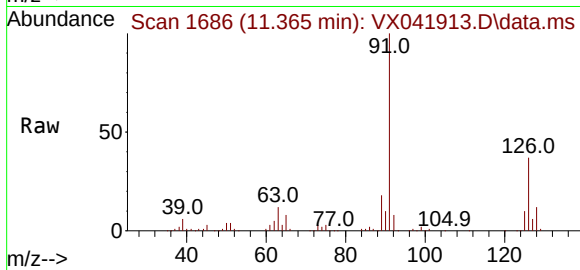
#79
2-Chlorotoluene
Concen: 21.233 ug/l
RT: 11.365 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX041913.D
Acq: 18 Jun 2024 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 123089
Ion Ratio Lower Upper
91 100
126 36.3 16.3 48.8

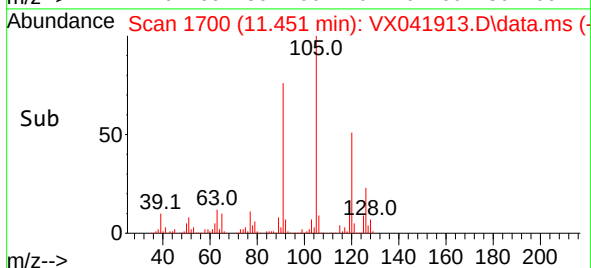
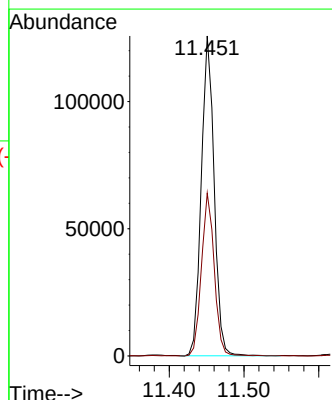
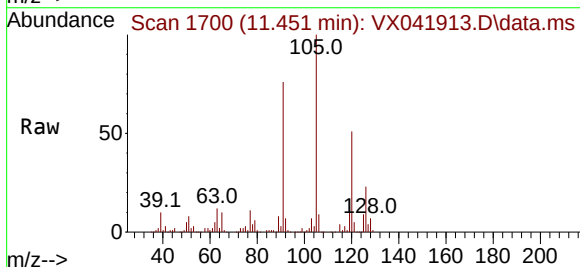
Manual Integrations
APPROVED

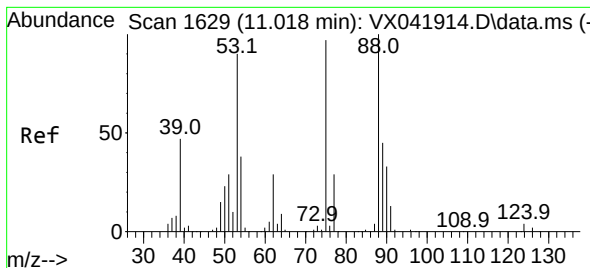
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#80
1,3,5-Trimethylbenzene
Concen: 21.673 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX041913.D
Acq: 18 Jun 2024 10:16

Tgt Ion:105 Resp: 149695
Ion Ratio Lower Upper
105 100
120 50.7 24.1 72.3





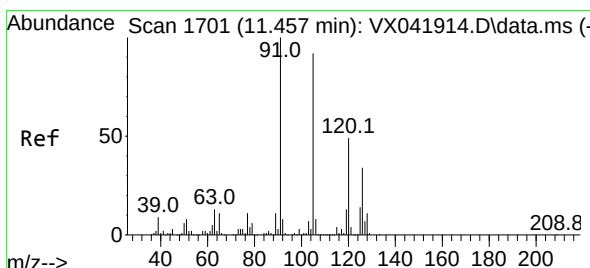
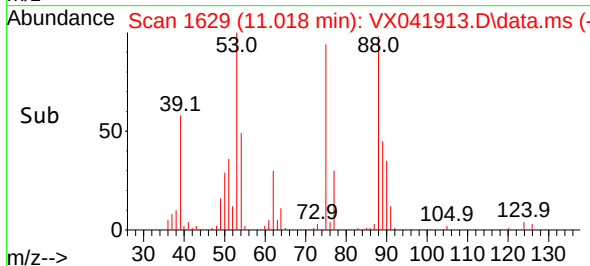
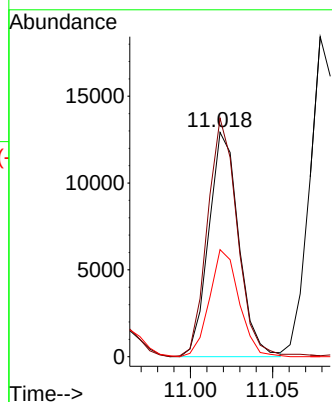
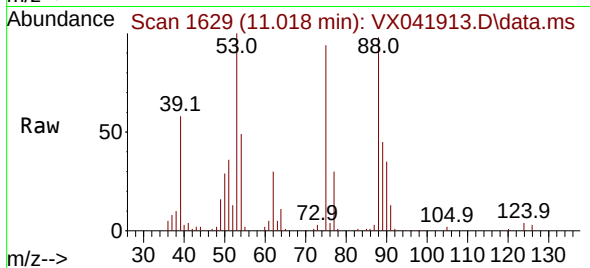
#81
trans-1,4-Dichloro-2-butene
Concen: 18.851 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX041913.D
Acq: 18 Jun 2024 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 75 Resp: 16434
Ion Ratio Lower Upper
75 100
53 106.1 90.5 135.7
89 46.9 36.9 55.3

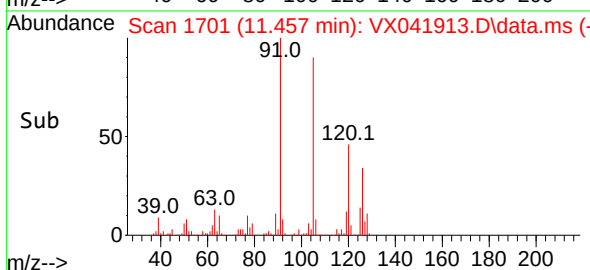
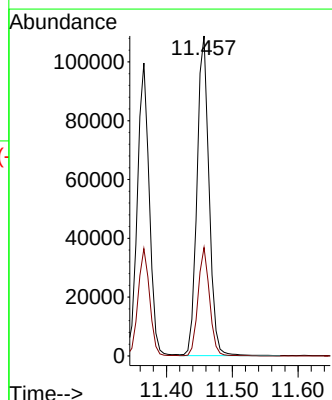
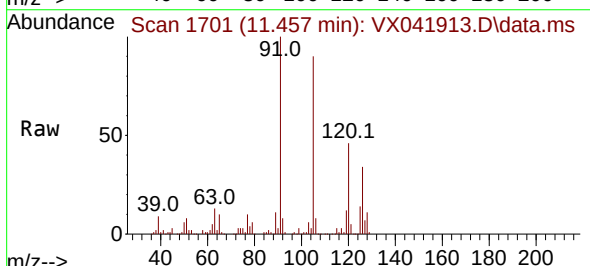
Manual Integrations
APPROVED

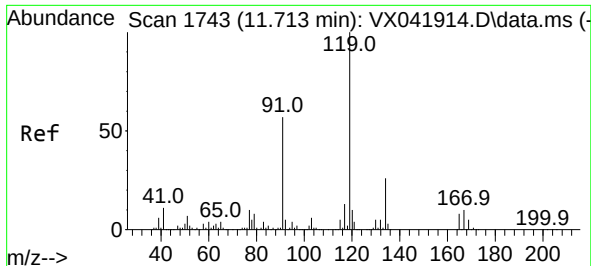
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#82
4-Chlorotoluene
Concen: 21.459 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VX041913.D
Acq: 18 Jun 2024 10:16

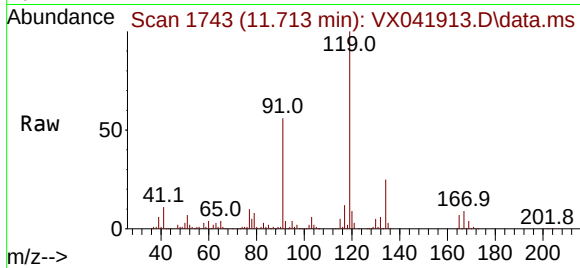
Tgt Ion: 91 Resp: 137513
Ion Ratio Lower Upper
91 100
126 32.7 14.2 42.6





#83
tert-Butylbenzene
Concen: 21.147 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX041913.D
Acq: 18 Jun 2024 10:16

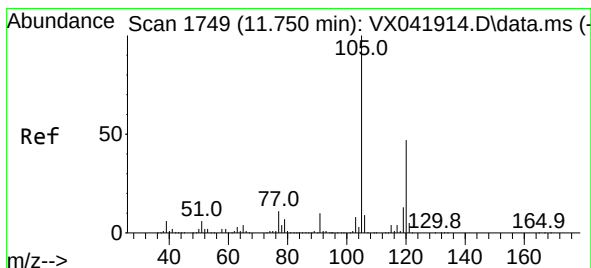
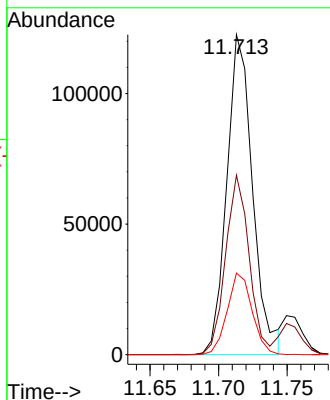
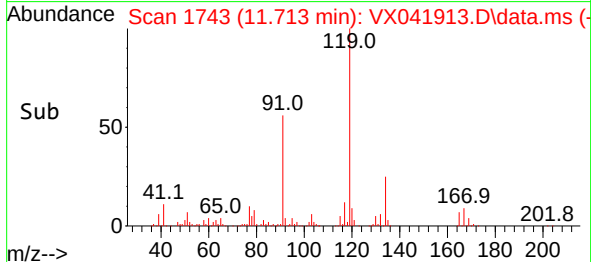
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



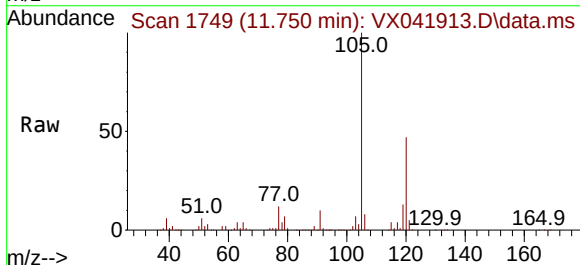
Tgt Ion:119 Resp: 160269
Ion Ratio Lower Upper
119 100
91 51.4 31.2 93.6
134 24.6 11.7 35.0

Manual Integrations
APPROVED

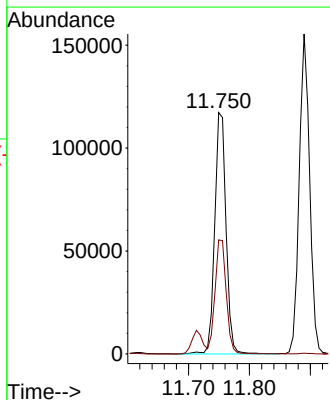
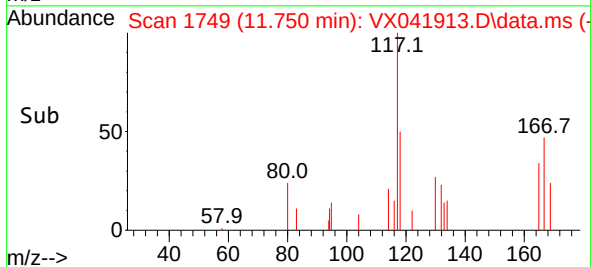
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024

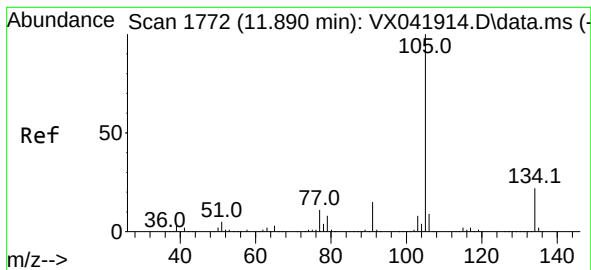


#84
1,2,4-Trimethylbenzene
Concen: 21.783 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX041913.D
Acq: 18 Jun 2024 10:16



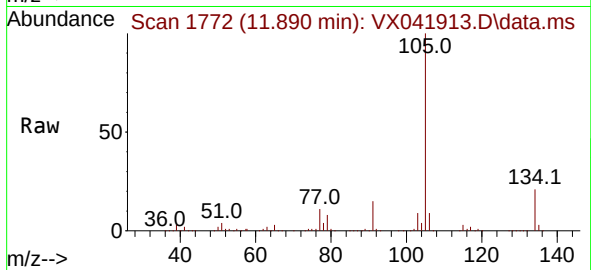
Tgt Ion:105 Resp: 150948
Ion Ratio Lower Upper
105 100
120 46.8 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 21.595 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX041913.D
 Acq: 18 Jun 2024 10:16

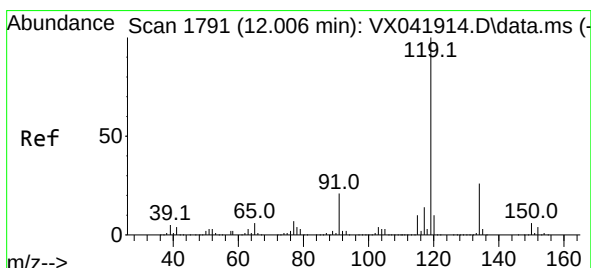
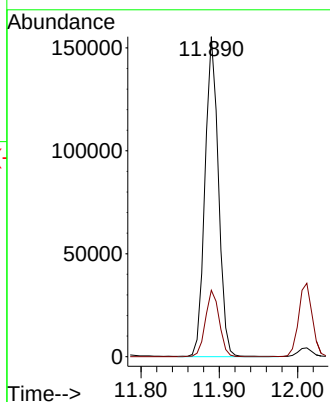
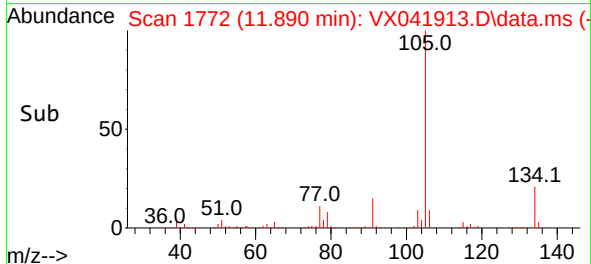
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020



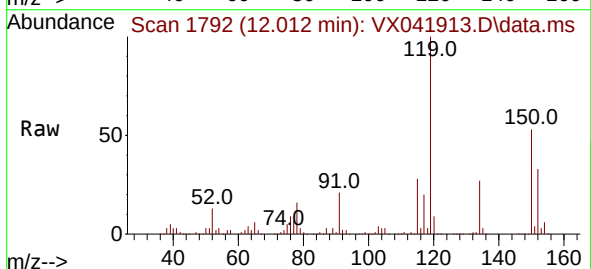
Tgt Ion:105 Resp: 18511
 Ion Ratio Lower Upper
 105 100
 134 21.2 9.8 29.4

Manual Integrations
 APPROVED

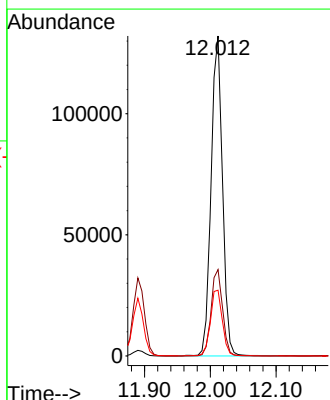
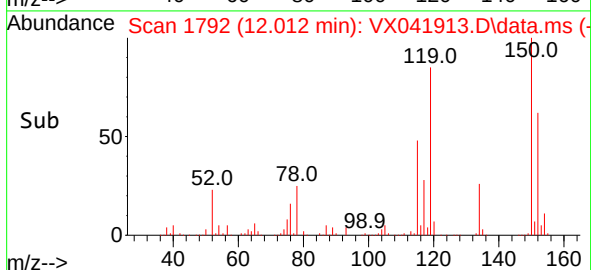
Reviewed By :John Carlone 06/19/2024
 Supervised By :Mahesh Dadoda 06/19/2024

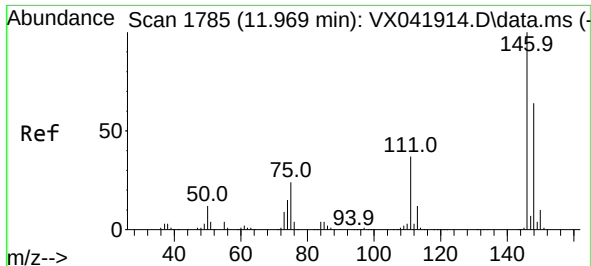


#86
 p-Isopropyltoluene
 Concen: 21.307 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX041913.D
 Acq: 18 Jun 2024 10:16



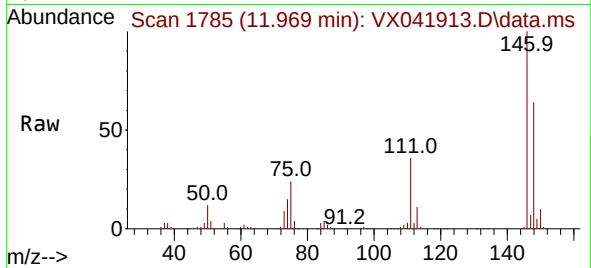
Tgt Ion:119 Resp: 159547
 Ion Ratio Lower Upper
 119 100
 134 27.2 12.8 38.3
 91 21.8 13.1 39.3





#87
1,3-Dichlorobenzene
Concen: 21.016 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX041913.D
Acq: 18 Jun 2024 10:16

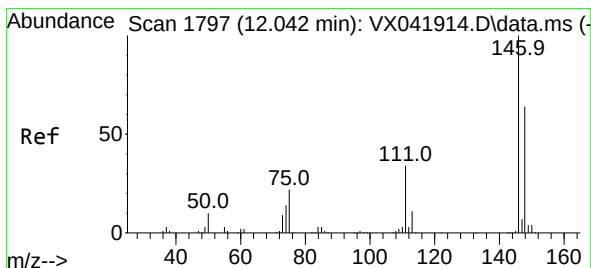
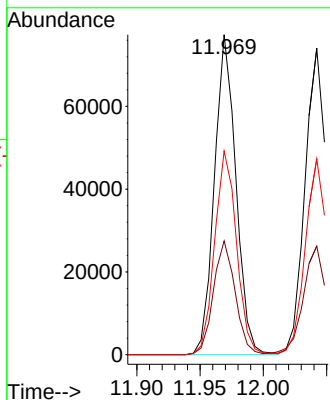
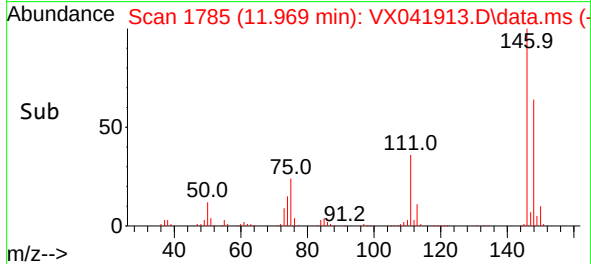
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



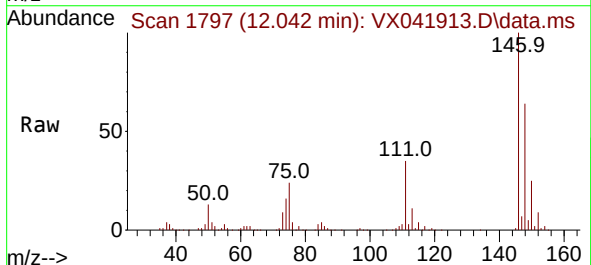
Tgt Ion:146 Resp: 91230
Ion Ratio Lower Upper
146 100
111 36.0 22.1 66.1
148 64.9 31.8 95.3

Manual Integrations
APPROVED

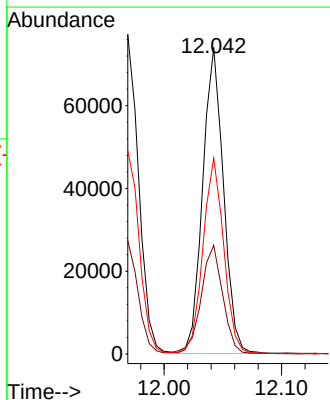
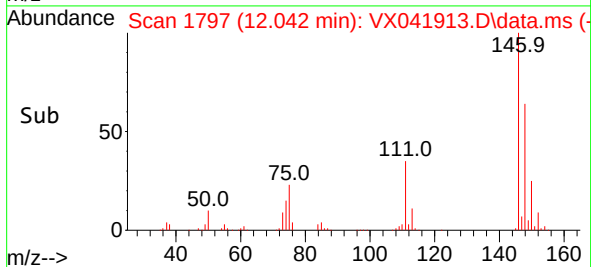
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024

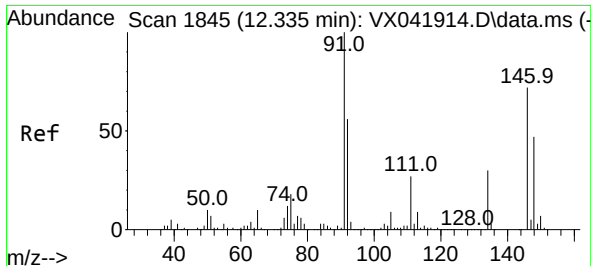


#88
1,4-Dichlorobenzene
Concen: 20.448 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX041913.D
Acq: 18 Jun 2024 10:16



Tgt Ion:146 Resp: 90863
Ion Ratio Lower Upper
146 100
111 37.5 21.3 63.7
148 64.0 31.8 95.4





#89

n-Butylbenzene

Concen: 20.770 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX041913.D

Acq: 18 Jun 2024 10:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 91 Resp: 11972

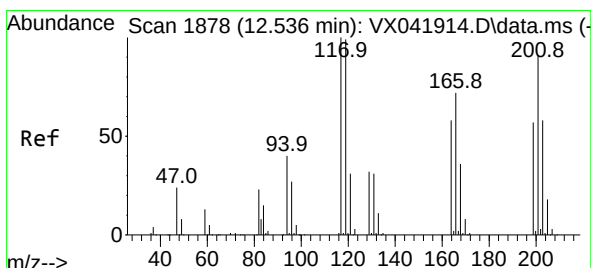
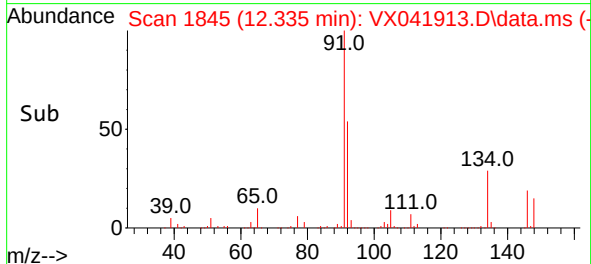
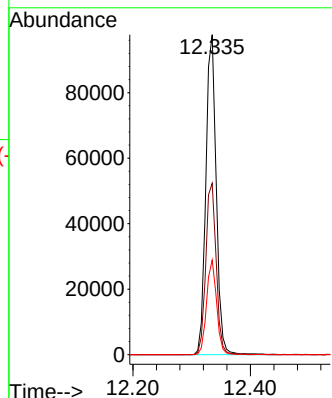
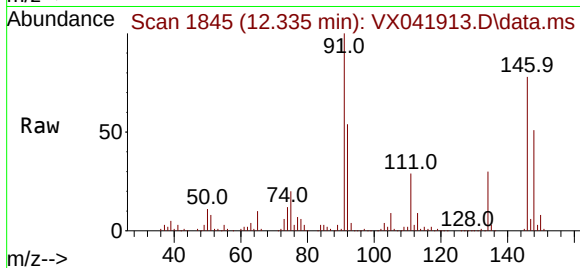
Ion	Ratio	Lower	Upper
91	100		
92	54.0	27.4	82.0
134	28.7	12.6	37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2024

Supervised By :Mahesh Dadoda 06/19/2024



#90

Hexachloroethane

Concen: 19.484 ug/l

RT: 12.536 min Scan# 1878

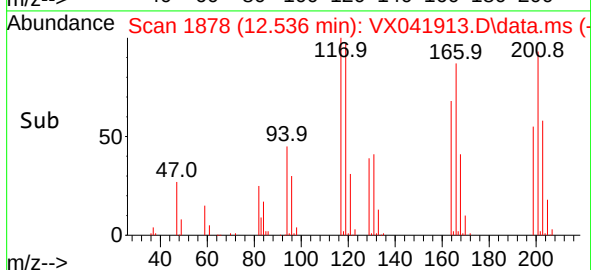
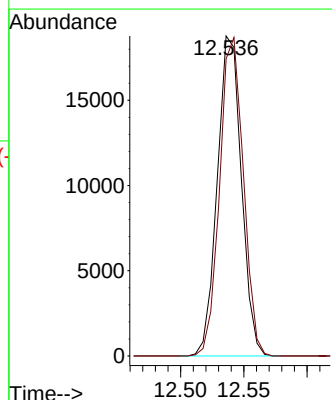
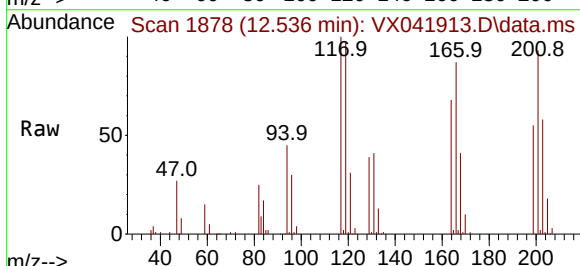
Delta R.T. -0.000 min

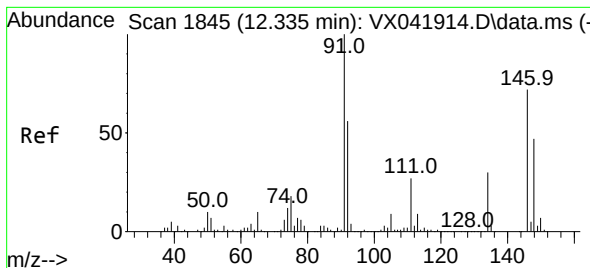
Lab File: VX041913.D

Acq: 18 Jun 2024 10:16

Tgt Ion:117 Resp: 24839

Ion	Ratio	Lower	Upper
117	100		
201	97.9	32.9	98.6





#91

1,2-Dichlorobenzene

Concen: 21.178 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX041913.D

Acq: 18 Jun 2024 10:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion:146 Resp: 9407

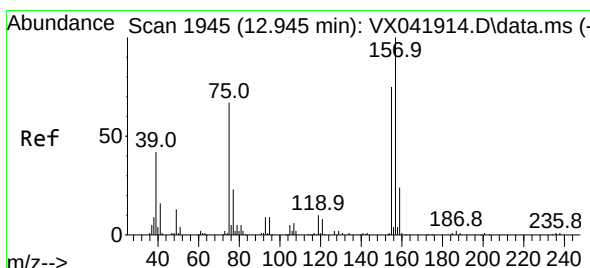
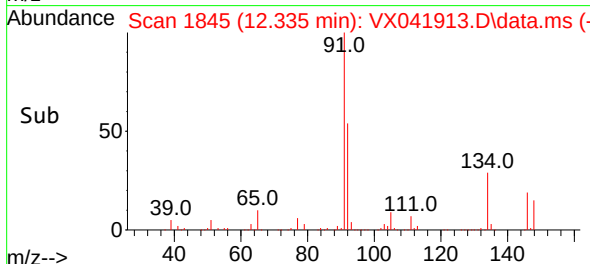
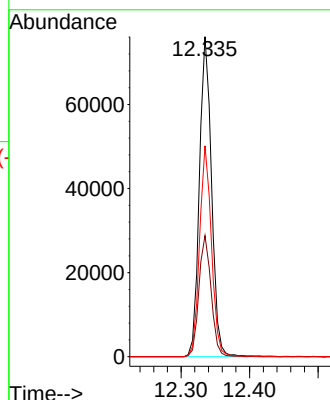
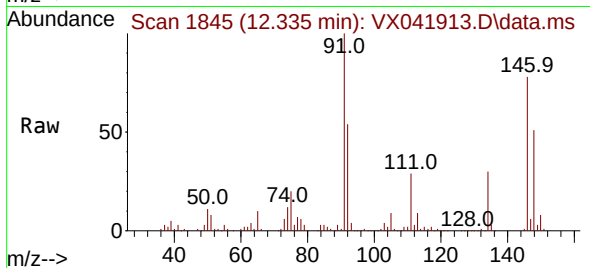
Ion	Ratio	Lower	Upper
146	100		
111	38.0	22.4	67.0
148	64.5	31.6	95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2024

Supervised By :Mahesh Dadoda 06/19/2024



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.348 ug/l

RT: 12.944 min Scan# 1945

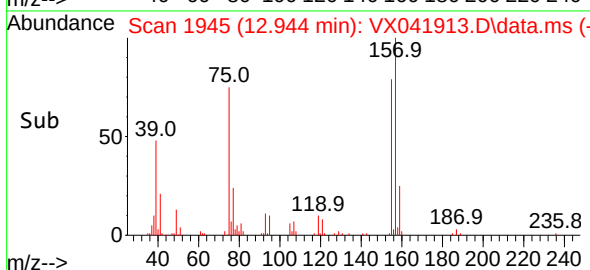
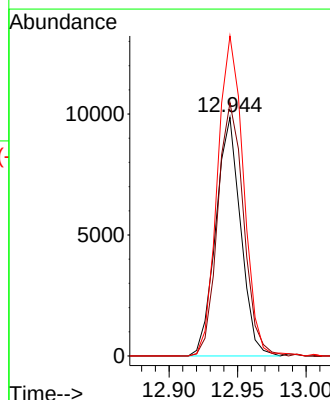
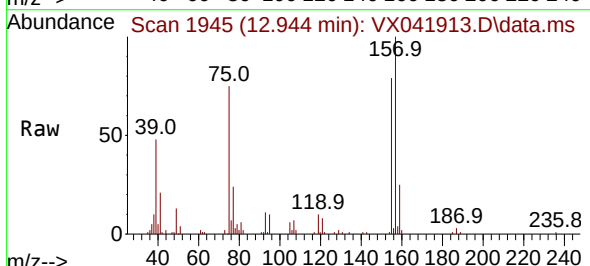
Delta R.T. -0.000 min

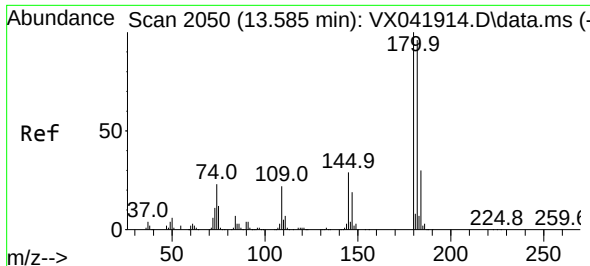
Lab File: VX041913.D

Acq: 18 Jun 2024 10:16

Tgt Ion: 75 Resp: 12433

Ion	Ratio	Lower	Upper
75	100		
155	110.7	36.1	108.5#
157	140.3	44.9	134.7#





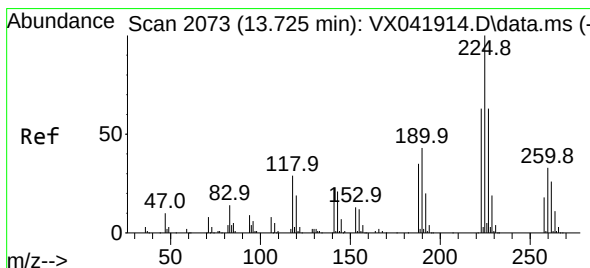
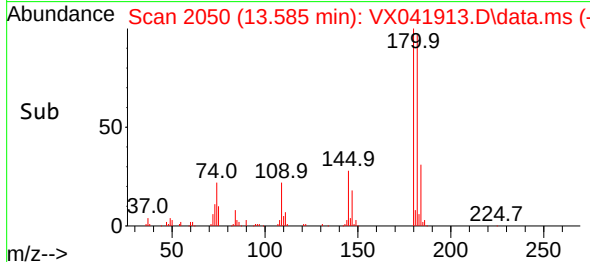
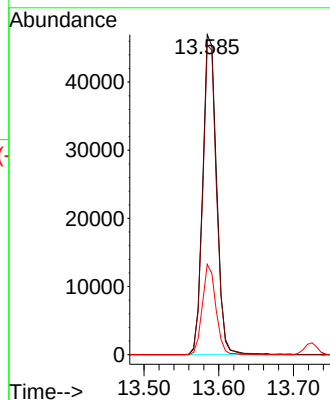
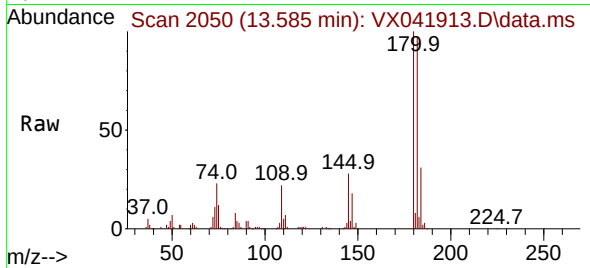
#93
1,2,4-Trichlorobenzene
Concen: 20.736 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX041913.D
Acq: 18 Jun 2024 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:180 Resp: 60338
Ion Ratio Lower Upper
180 100
182 96.6 48.3 144.8
145 27.5 18.0 54.0

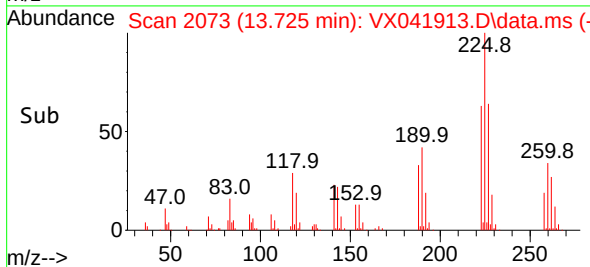
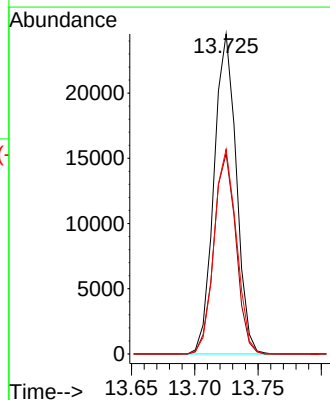
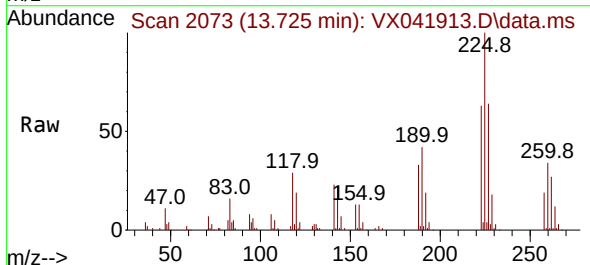
Manual Integrations
APPROVED

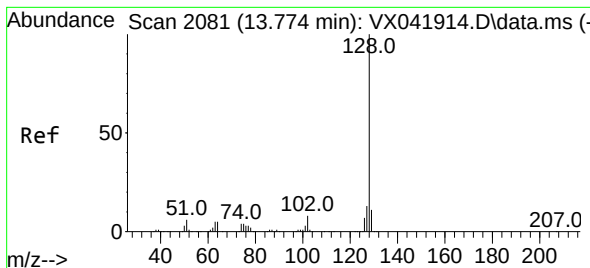
Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#94
Hexachlorobutadiene
Concen: 20.416 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX041913.D
Acq: 18 Jun 2024 10:16

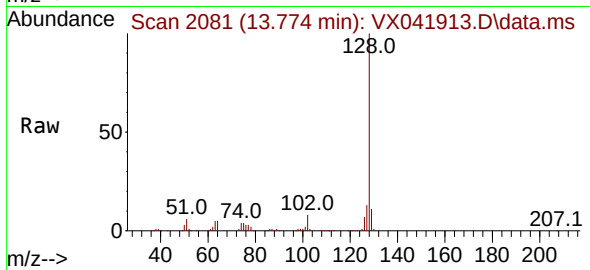
Tgt Ion:225 Resp: 30041
Ion Ratio Lower Upper
225 100
223 61.9 31.1 93.2
227 64.0 32.5 97.5





#95
Naphthalene
Concen: 20.060 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX041913.D
Acq: 18 Jun 2024 10:16

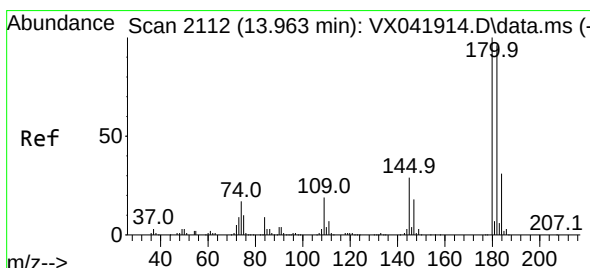
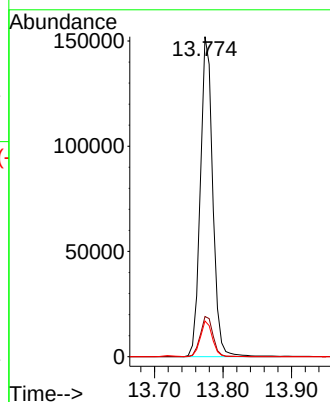
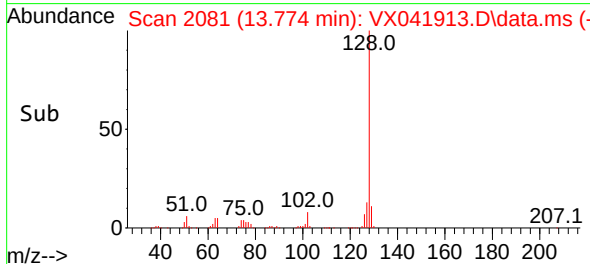
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion:128 Resp: 191693
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.9 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024



#96
1,2,3-Trichlorobenzene
Concen: 21.198 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX041913.D
Acq: 18 Jun 2024 10:16

Tgt Ion:180 Resp: 65056
Ion Ratio Lower Upper
180 100
182 96.6 46.9 140.6
145 29.3 17.8 53.5

