

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102521\
 Data File : VX024913.D
 Acq On : 25 Oct 2021 16:25
 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 26 08:48:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXTR102221WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 26 01:24:18 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	81504	5.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	73082	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	38037	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	10475	4.378	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.600%
7) Chloroethane-d5	1.672	69	9612	4.458	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.200%
11) 1,1-Dichloroethene-d2	2.312	63	41353	4.636	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.800%
20) 2-Butanone-d5	4.477	46	47405	54.188	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.380%
24) Chloroform-d	5.062	84	57260	4.971	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.400%
26) 1,2-Dichloroethane-d4	5.958	65	28619	4.546	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.000%
32) Benzene-d6	5.982	84	86190	5.062	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.200%
36) 1,2-Dichloropropane-d6	7.311	67	26787	4.931	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.600%
41) Toluene-d8	8.653	98	83592	4.896	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.000%
43) trans-1,3-Dichloroprop...	8.951	79	11881	4.765	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.200%
46) 2-Hexanone-d5	9.384	63	45844	51.084	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.160%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	20911	5.036	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.800%
66) 1,2-Dichlorobenzene-d4	12.323	152	30059	4.689	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	44461	4.751	ug/L	95
3) Chloromethane	1.288	50	14576	4.461	ug/L	98
5) Vinyl chloride	1.373	62	18898	4.734	ug/L	96
6) Bromomethane	1.617	94	12715	4.082	ug/L	95
8) Chloroethane	1.690	64	11795	4.921	ug/L	90
9) Trichlorofluoromethane	1.892	101	60785	5.113	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.337	101	31240	5.010	ug/L	98
12) 1,1-Dichloroethene	2.318	96	26273	5.254	ug/L #	86
13) Acetone	2.404	43	33936	51.716	ug/L	98
14) Carbon disulfide	2.514	76	67757	4.969	ug/L	98
15) Methyl Acetate	2.709	43	7886	5.286	ug/L	98
16) Methylene chloride	2.788	84	37300	6.421	ug/L	86
17) Methyl tert-butyl Ether	3.117	73	71023	4.942	ug/L	98
18) trans-1,2-Dichloroethene	3.093	96	26703	4.580	ug/L	94
19) 1,1-Dichloroethane	3.617	63	53715	5.272	ug/L	96
21) 2-Butanone	4.580	43	50213	52.027	ug/L	93
22) cis-1,2-Dichloroethene	4.489	96	32044	5.130	ug/L	91
23) Bromochloromethane	4.909	128	12423	4.401	ug/L	93
25) Chloroform	5.104	83	68835	5.196	ug/L	94

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 ALS Vial : 2 Sample Multiplier: 1

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 MSVOA_X
 ClientSampleId :

Quant Time: Oct 26 08:48:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXTR102221WMA.M
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

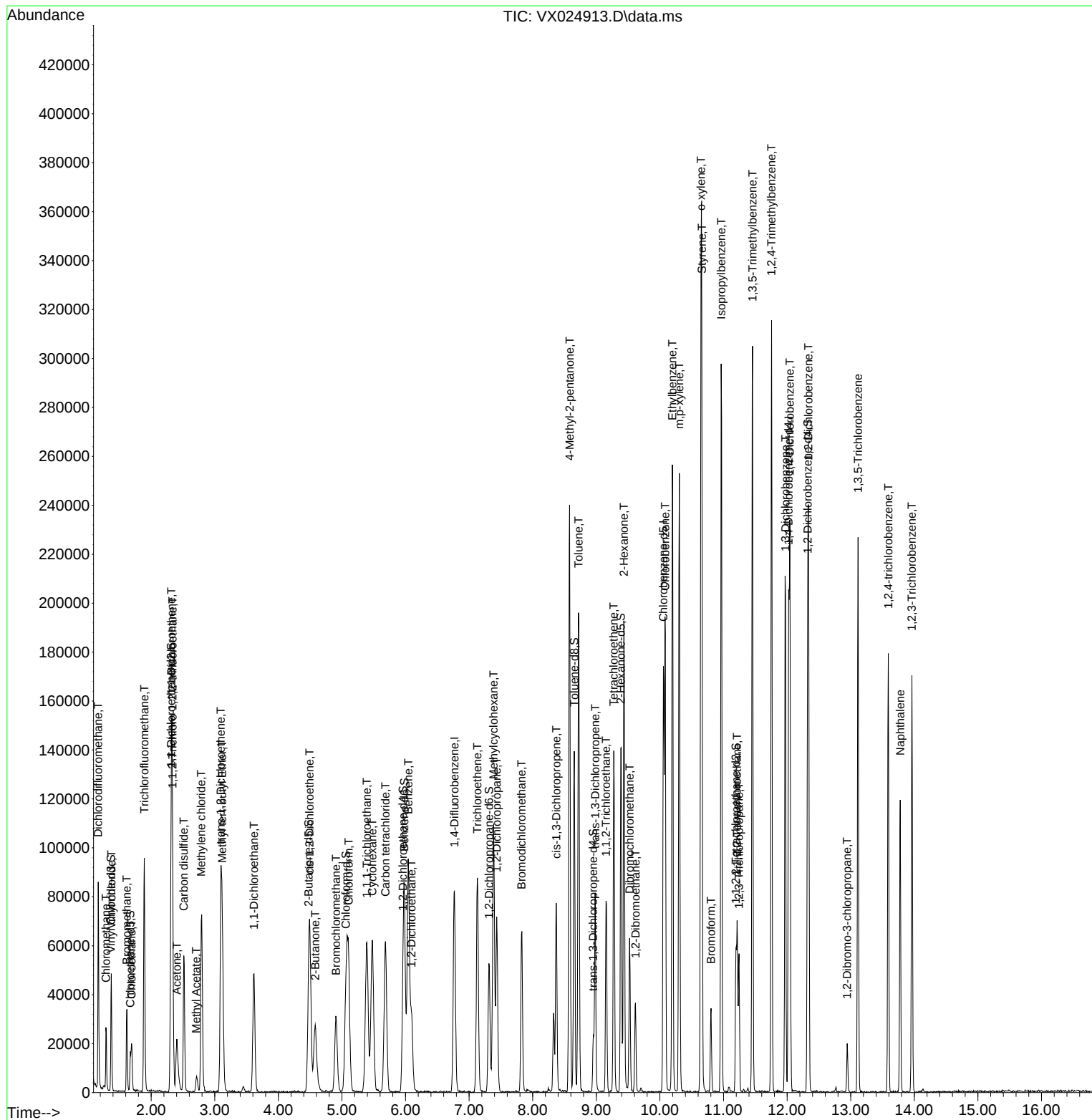
27) 1,2-Dichloroethane	6.092	62	39610	4.879	ug/L #	95
29) 1,1,1-Trichloroethane	5.391	97	67402	5.313	ug/L	99
30) Cyclohexane	5.476	56	41986	5.332	ug/L	95
31) Carbon tetrachloride	5.684	117	57615	5.278	ug/L	99
33) Benzene	6.043	78	114359	5.356	ug/L	100
34) Trichloroethene	7.129	95	36227	5.209	ug/L	95
35) Methylcyclohexane	7.385	83	50546	5.200	ug/L	99
37) 1,2-Dichloropropane	7.433	63	27132	5.198	ug/L #	97
38) Bromodichloromethane	7.824	83	46905	5.396	ug/L	95
39) cis-1,3-Dichloropropene	8.372	75	45585	5.181	ug/L	98
40) 4-Methyl-2-pentanone	8.579	43	122914	52.865	ug/L	97
42) Toluene	8.720	91	131638	5.271	ug/L	100
44) trans-1,3-Dichloropropene	8.982	75	40848	5.124	ug/L	98
45) 1,1,2-Trichloroethane	9.153	97	20969	4.994	ug/L	93
47) Tetrachloroethene	9.274	164	24747	5.094	ug/L	94
48) 2-Hexanone	9.433	43	87631	51.622	ug/L	99
49) Dibromochloromethane	9.524	129	27892	5.085	ug/L	95
50) 1,2-Dibromoethane	9.616	107	21602	5.136	ug/L	95
51) Chlorobenzene	10.085	112	81588	5.146	ug/L	98
52) Ethylbenzene	10.195	91	154781	5.252	ug/L	98
53) m,p-xylene	10.305	106	54191	5.184	ug/L	100
54) o-xylene	10.646	106	52871	5.188	ug/L	92
55) Styrene	10.658	104	89839	5.252	ug/L	97
57) 1,1,2,2-Tetrachloroethane	11.213	83	23544	4.859	ug/L	99
59) Bromoform	10.805	173	11763	4.460	ug/L #	94
60) Isopropylbenzene	10.963	105	160026	5.281	ug/L	99
61) 1,2,3-Trichloropropane	11.244	75	18885	5.088	ug/L	97
62) 1,3,5-Trimethylbenzene	11.457	105	139727	5.282	ug/L	100
63) 1,2,4-Trimethylbenzene	11.756	105	139920	5.164	ug/L	96
64) 1,3-Dichlorobenzene	11.975	146	64132	5.088	ug/L	95
65) 1,4-Dichlorobenzene	12.042	146	61642	4.877	ug/L	96
67) 1,2-Dichlorobenzene	12.335	146	57697	4.980	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.945	75	4597	5.088	ug/L	91
69) 1,3,5-Trichlorobenzene	13.115	180	46235	4.818	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	37997	5.006	ug/L	97
71) Naphthalene	13.780	128	69041	5.049	ug/L	98
72) 1,2,3-Trichlorobenzene	13.963	180	34583	5.066	ug/L	96

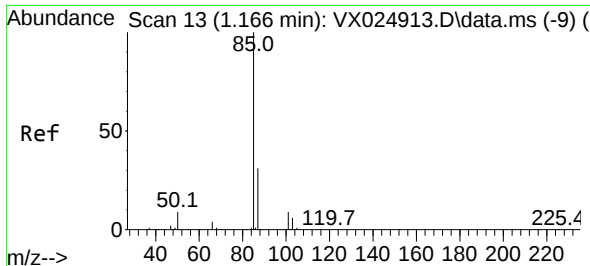
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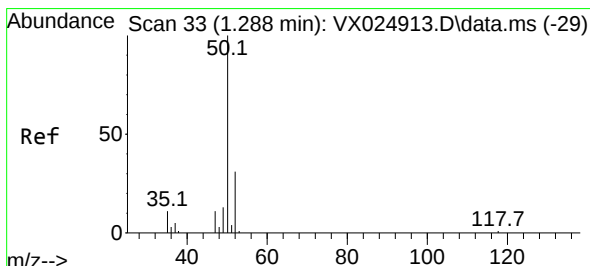
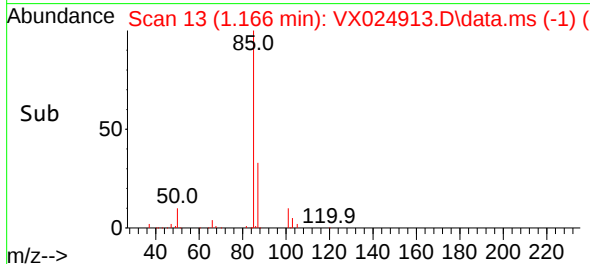
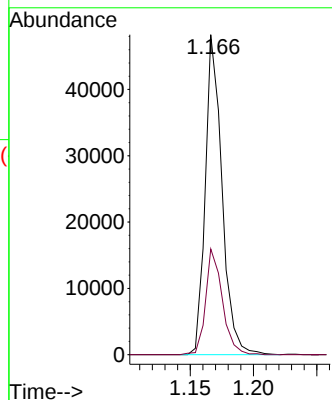
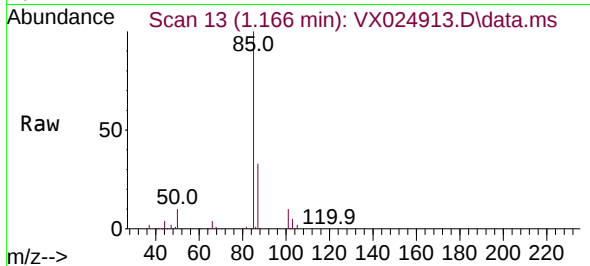




#2
 Dichlorodifluoromethane
 Concen: 4.751 ug/L
 RT: 1.166 min Scan# 13
 Delta R.T. -0.000 min
 Lab File: VX024913.D
 Acq: 25 Oct 2021 16:25

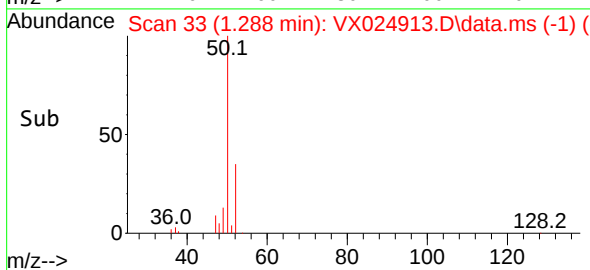
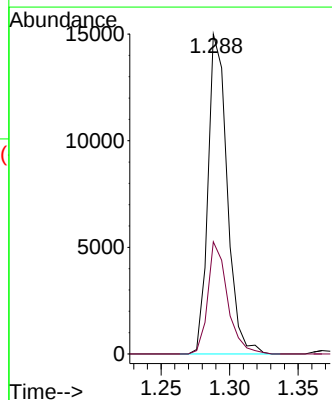
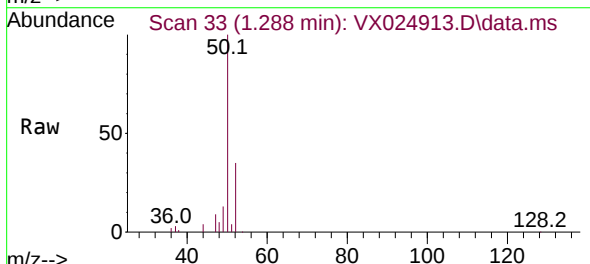
Instrument :
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 ClientSampleId :

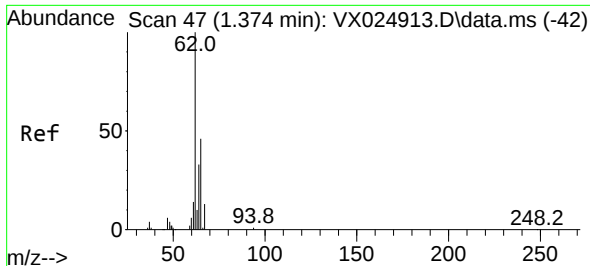
Tgt Ion: 85 Resp: 44461
 Ion Ratio Lower Upper
 85 100
 87 33.0 24.1 36.1



#3
 Chloromethane
 Concen: 4.461 ug/L
 RT: 1.288 min Scan# 33
 Delta R.T. -0.000 min
 Lab File: VX024913.D
 Acq: 25 Oct 2021 16:25

Tgt Ion: 50 Resp: 14576
 Ion Ratio Lower Upper
 50 100
 52 35.1 25.5 47.3

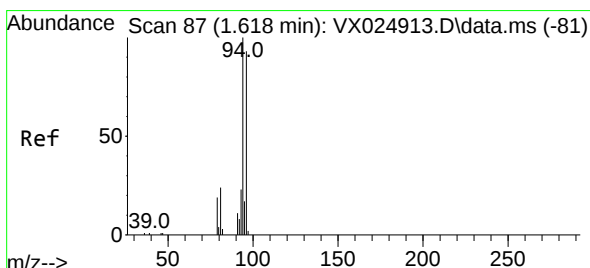
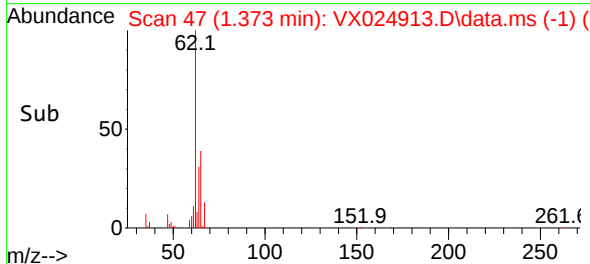
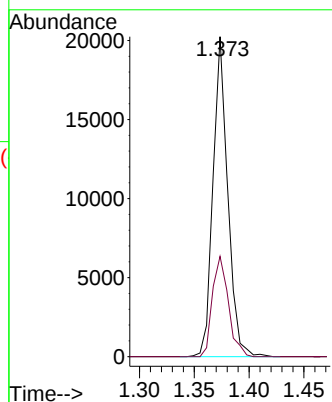
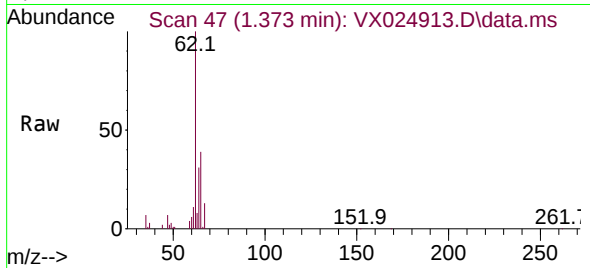




#5
 Vinyl chloride
 Concen: 4.734 ug/L
 RT: 1.373 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX024913.D
 Acq: 25 Oct 2021 16:25

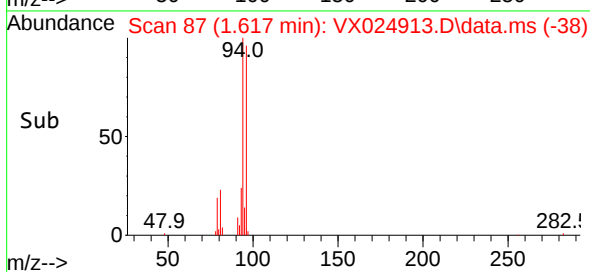
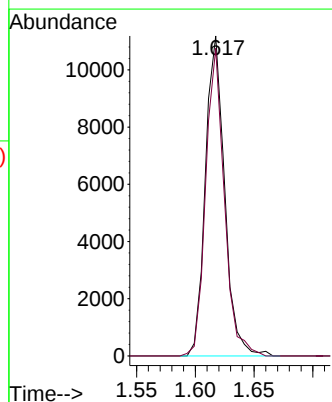
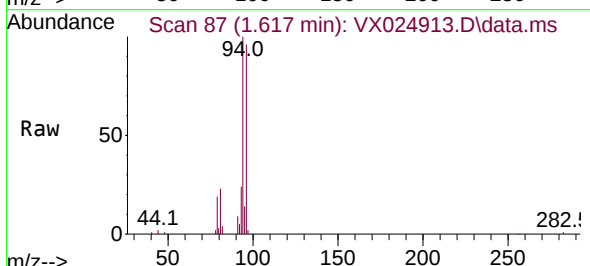
Instrument :
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 ClientSampleId :

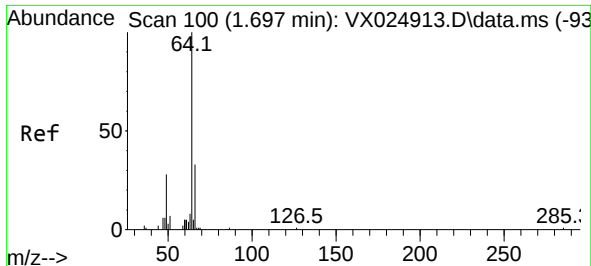
Tgt Ion: 62 Resp: 18898
 Ion Ratio Lower Upper
 62 100
 64 31.3 23.7 44.1



#6
 Bromomethane
 Concen: 4.082 ug/L
 RT: 1.617 min Scan# 87
 Delta R.T. -0.000 min
 Lab File: VX024913.D
 Acq: 25 Oct 2021 16:25

Tgt Ion: 94 Resp: 12715
 Ion Ratio Lower Upper
 94 100
 96 96.1 70.9 131.7

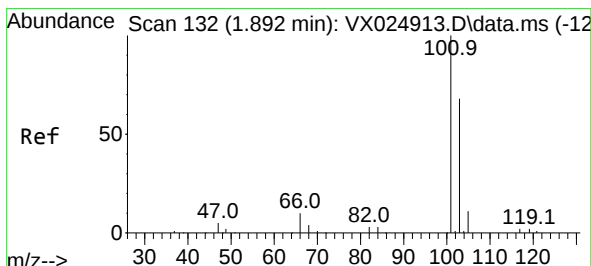
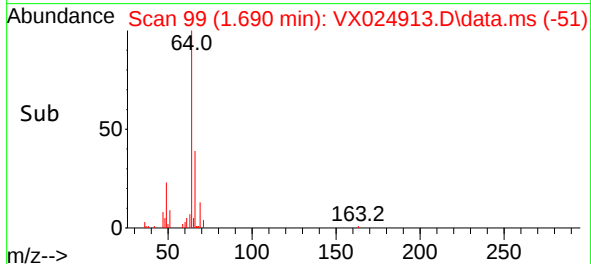
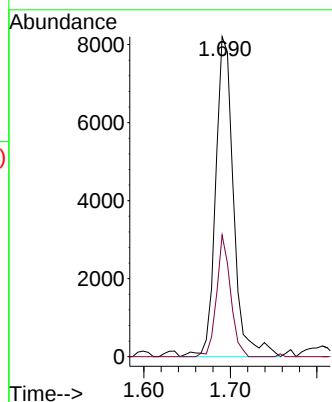
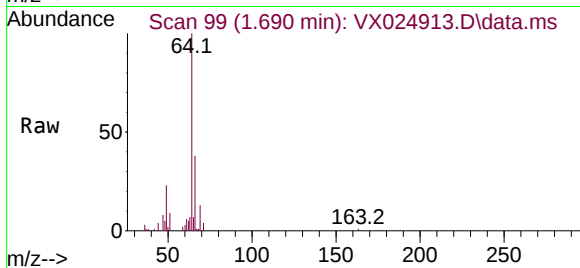




#8
Chloroethane
Concen: 4.921 ug/L
RT: 1.690 min Scan# 99
Delta R.T. -0.006 min
Lab File: VX024913.D
Acq: 25 Oct 2021 16:25

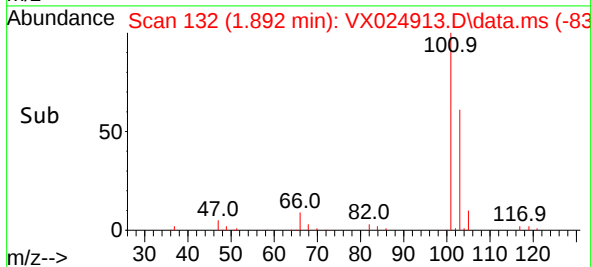
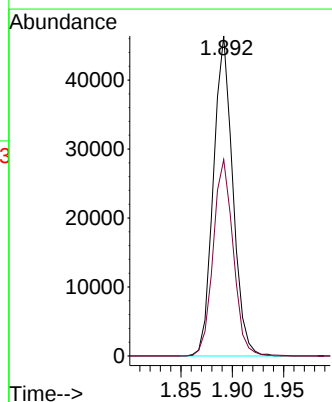
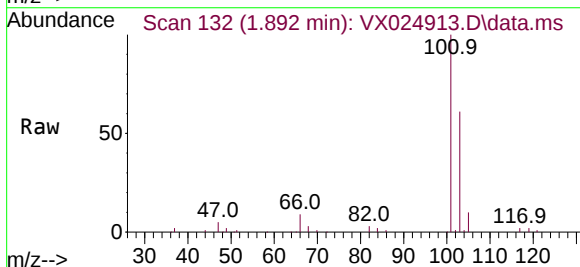
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ClientSampleId :

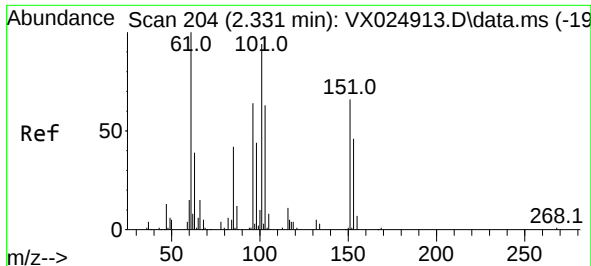
Tgt Ion: 64 Resp: 11795
Ion Ratio Lower Upper
64 100
66 38.0 22.6 42.0



#9
Trichlorofluoromethane
Concen: 5.113 ug/L
RT: 1.892 min Scan# 132
Delta R.T. -0.000 min
Lab File: VX024913.D
Acq: 25 Oct 2021 16:25

Tgt Ion: 101 Resp: 60785
Ion Ratio Lower Upper
101 100
103 63.3 51.2 76.8

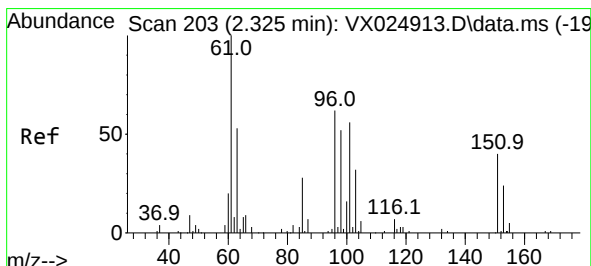
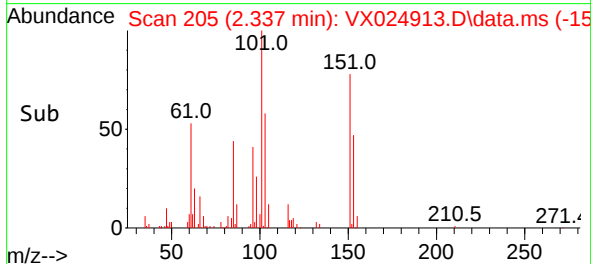
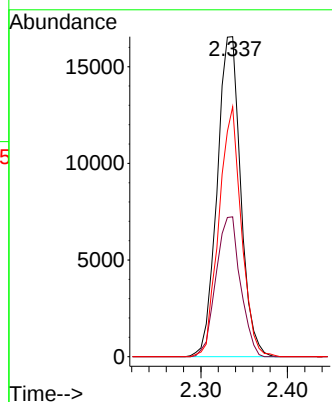
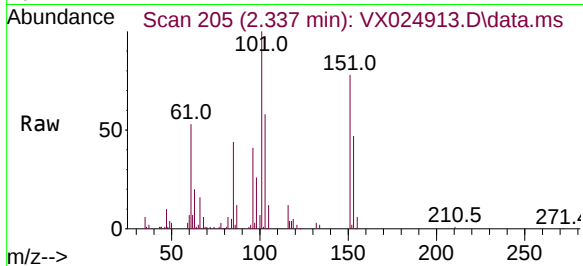




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.010 ug/L
RT: 2.337 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX024913.D
Acq: 25 Oct 2021 16:25

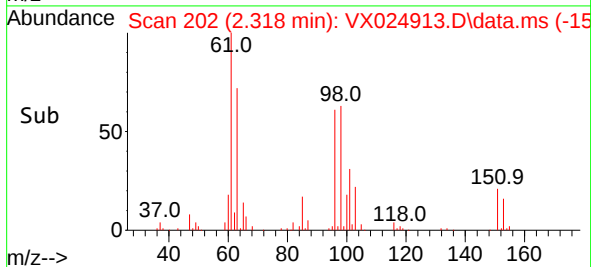
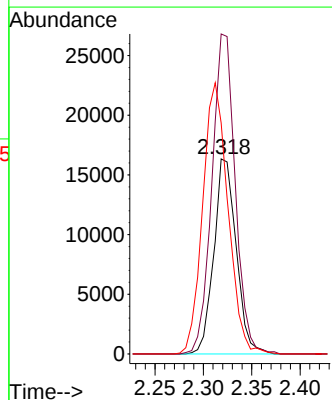
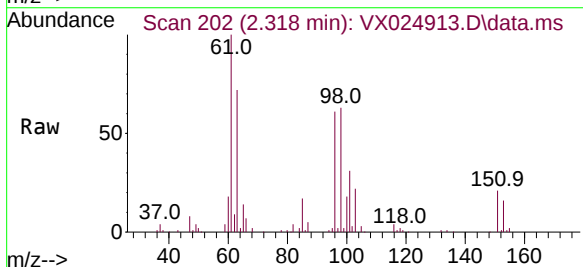
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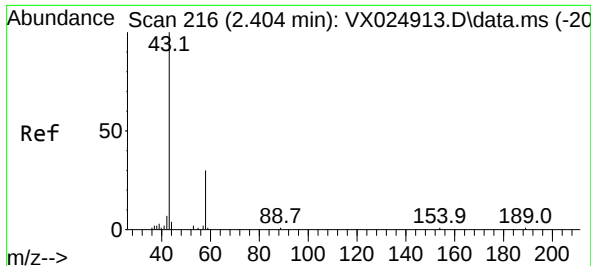
Tgt Ion:101 Resp: 31240
Ion Ratio Lower Upper
101 100
85 45.4 34.3 51.5
151 74.3 58.3 87.5



#12
1,1-Dichloroethene
Concen: 5.254 ug/L
RT: 2.318 min Scan# 202
Delta R.T. -0.006 min
Lab File: VX024913.D
Acq: 25 Oct 2021 16:25

Tgt Ion: 96 Resp: 26273
Ion Ratio Lower Upper
96 100
61 164.1 110.2 204.8
63 118.5 63.1 117.1#





#13

Acetone

Concen: 51.716 ug/L

RT: 2.404 min Scan# 216

Delta R.T. -0.000 min

Lab File: VX024913.D

Acq: 25 Oct 2021 16:25

Instrument :

MSVOA_X

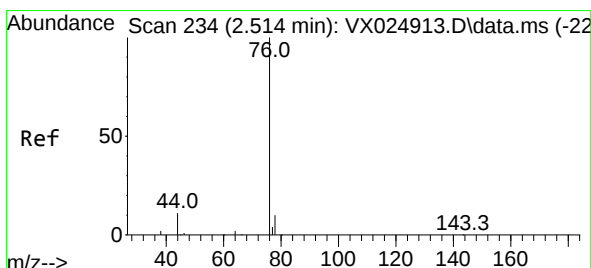
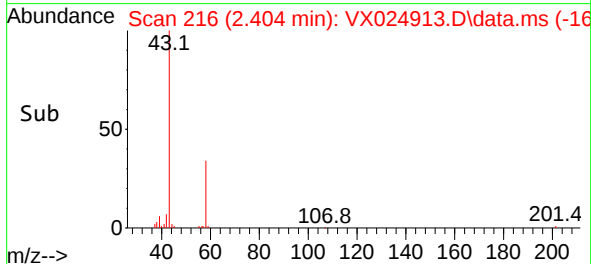
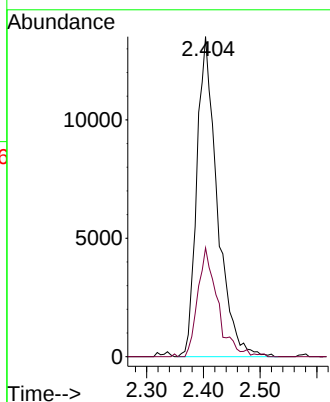
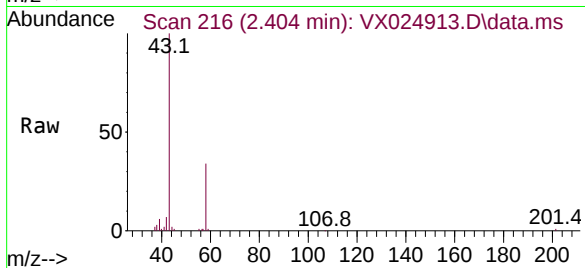
ClientSampleId :

Tgt Ion: 43 Resp: 33936

Ion Ratio Lower Upper

43 100

58 33.0 0.0 64.2



#14

Carbon disulfide

Concen: 4.969 ug/L

RT: 2.514 min Scan# 234

Delta R.T. -0.000 min

Lab File: VX024913.D

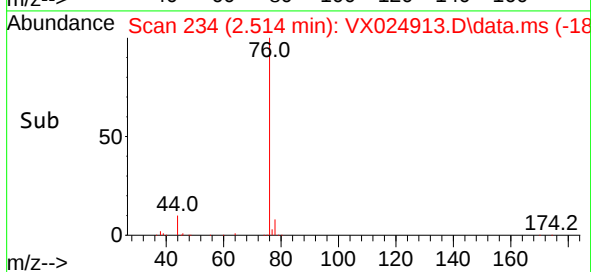
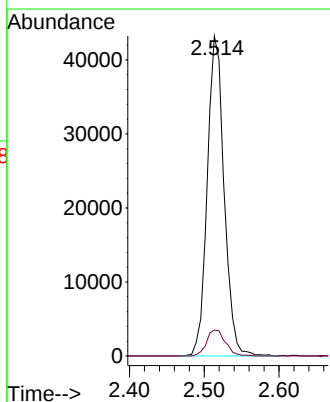
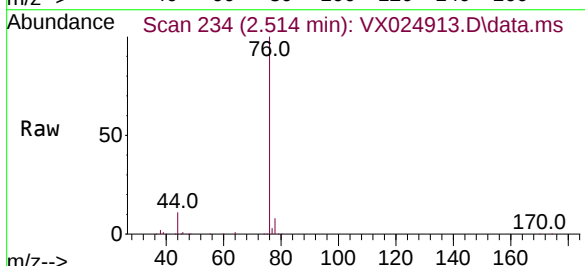
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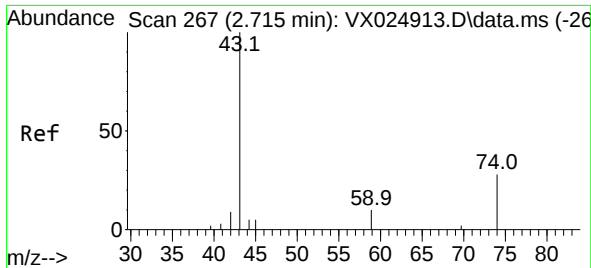
Tgt Ion: 76 Resp: 67757

Ion Ratio Lower Upper

76 100

78 8.1 7.1 10.7

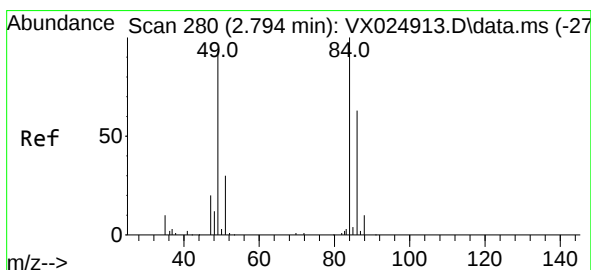
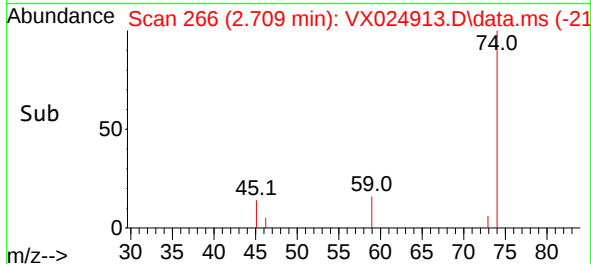
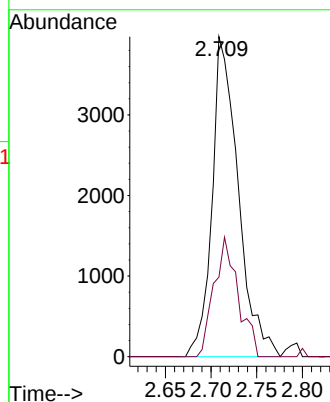
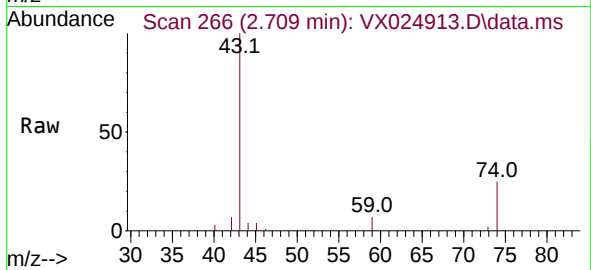




#15
Methyl Acetate
Concen: 5.286 ug/L
RT: 2.709 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX024913.D
Acq: 25 Oct 2021 16:25

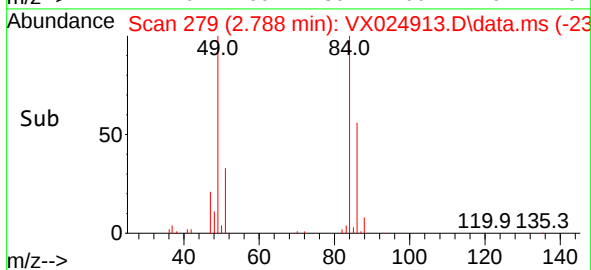
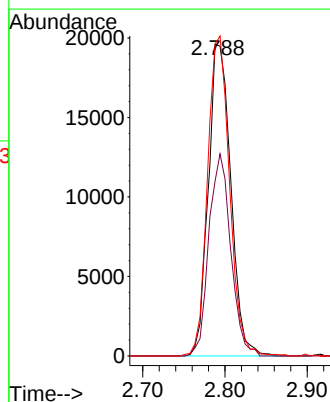
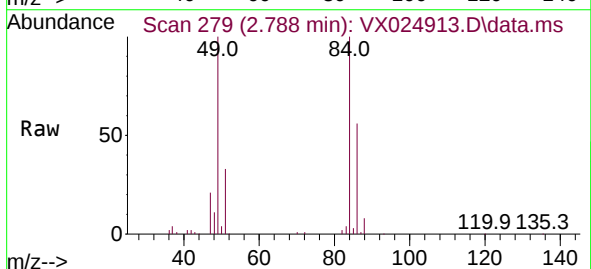
Instrument :
MSVOA_X
ClientSampleId :

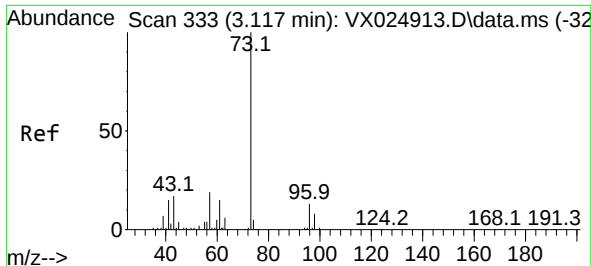
Tgt Ion: 43 Resp: 7886
Ion Ratio Lower Upper
43 100
74 34.5 26.8 40.2



#16
Methylene chloride
Concen: 6.421 ug/L
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX024913.D
Acq: 25 Oct 2021 16:25

Tgt Ion: 84 Resp: 37300
Ion Ratio Lower Upper
84 100
86 56.1 49.5 91.9
49 100.0 62.7 116.5

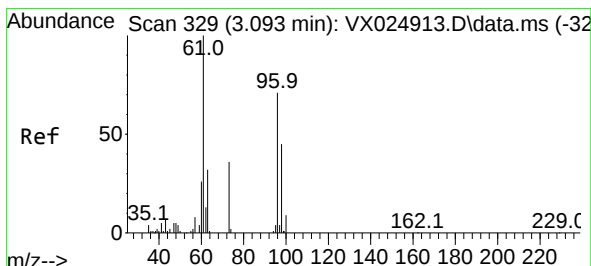
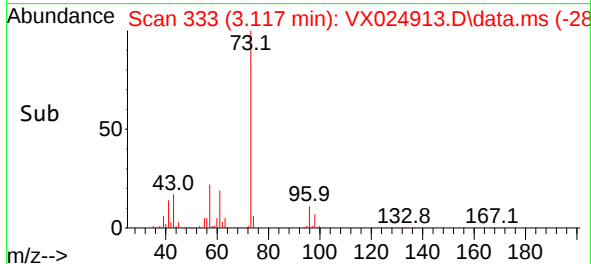
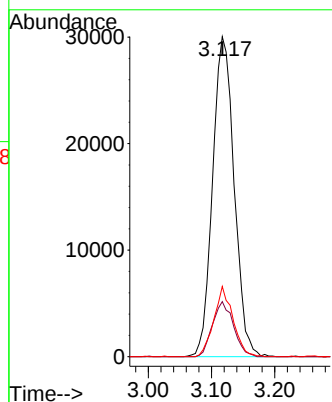
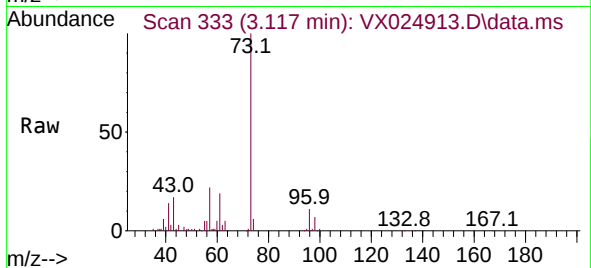




#17
Methyl tert-butyl Ether
Concen: 4.942 ug/L
RT: 3.117 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX024913.D
Acq: 25 Oct 2021 16:25

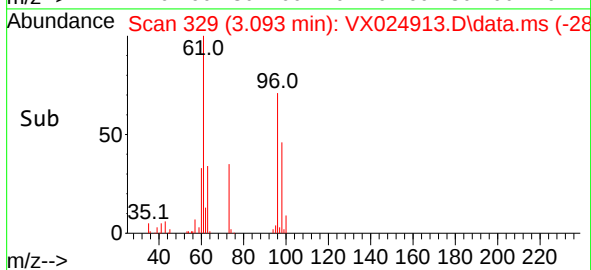
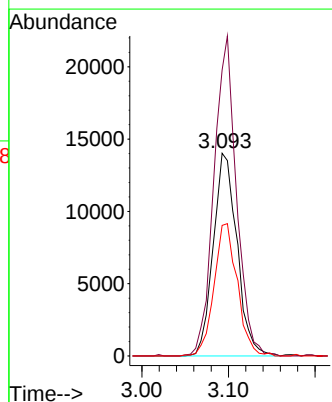
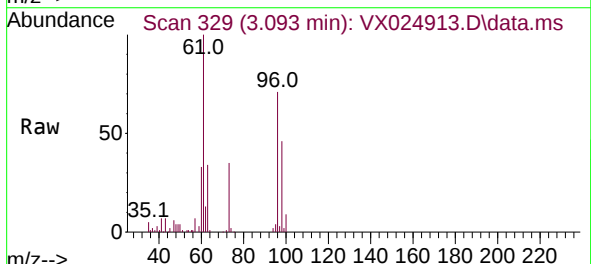
Instrument :
MSVOA_X
ClientSampleId :

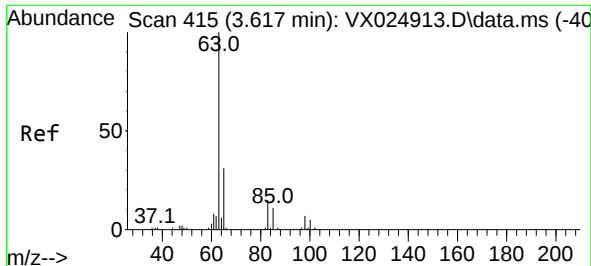
Tgt Ion: 73 Resp: 71023
Ion Ratio Lower Upper
73 100
43 16.8 13.6 20.4
57 19.5 14.5 21.7



#18
trans-1,2-Dichloroethene
Concen: 4.580 ug/L
RT: 3.093 min Scan# 329
Delta R.T. -0.000 min
Lab File: VX024913.D
Acq: 25 Oct 2021 16:25

Tgt Ion: 96 Resp: 26703
Ion Ratio Lower Upper
96 100
61 141.1 92.7 172.3
98 64.5 46.6 86.6





#19

1,1-Dichloroethane

Concen: 5.272 ug/L

RT: 3.617 min Scan# 415

Delta R.T. -0.000 min

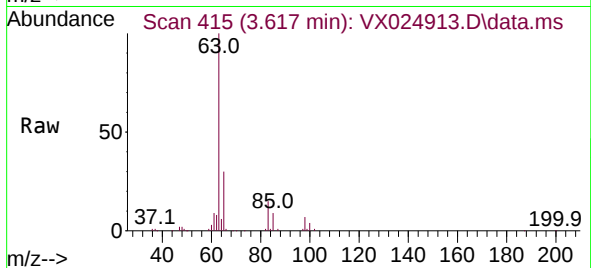
Lab File: VX024913.D

Acq: 25 Oct 2021 16:25

Instrument :

MSVOA_X

ClientSampleId :



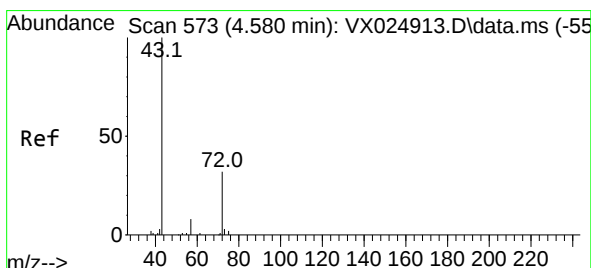
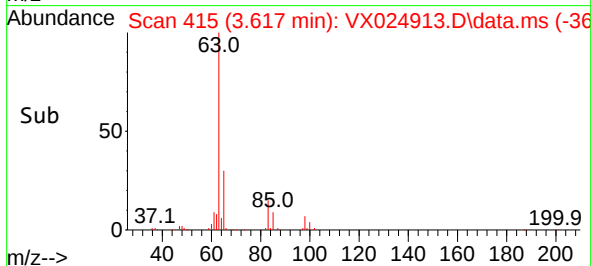
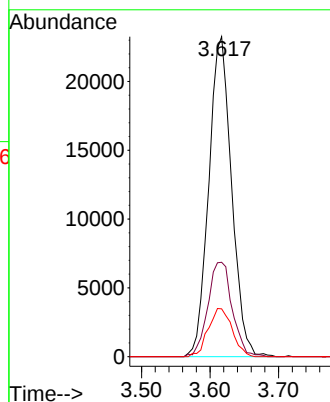
Tgt Ion: 63 Resp: 53715

Ion Ratio Lower Upper

63 100

65 29.5 22.3 41.3

83 15.0 11.5 21.3



#21

2-Butanone

Concen: 52.027 ug/L

RT: 4.580 min Scan# 573

Delta R.T. -0.000 min

Lab File: VX024913.D

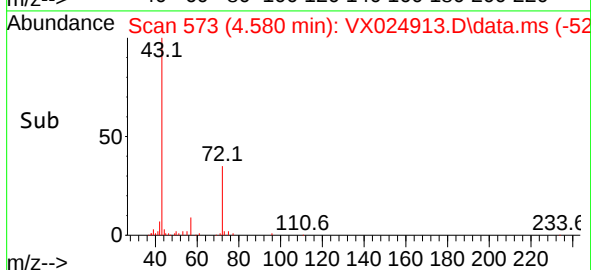
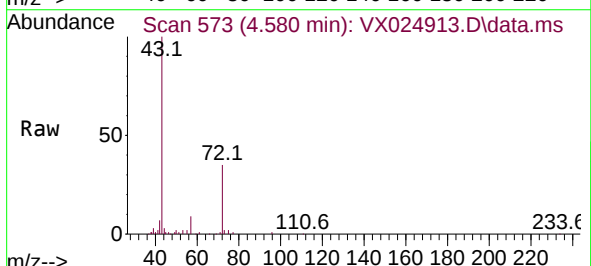
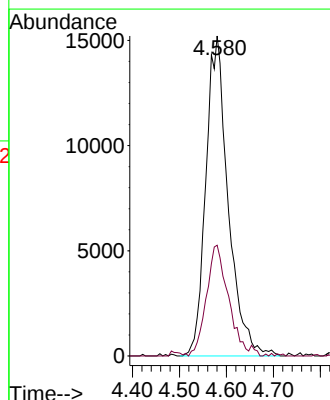
Acq: 25 Oct 2021 16:25

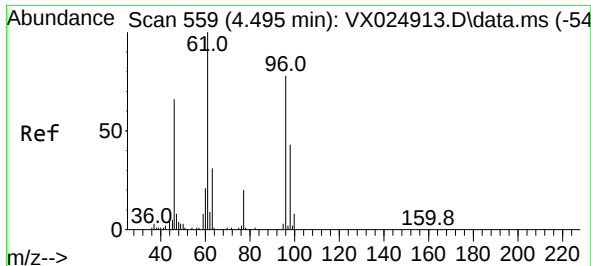
Tgt Ion: 43 Resp: 50213

Ion Ratio Lower Upper

43 100

72 33.8 18.9 56.9

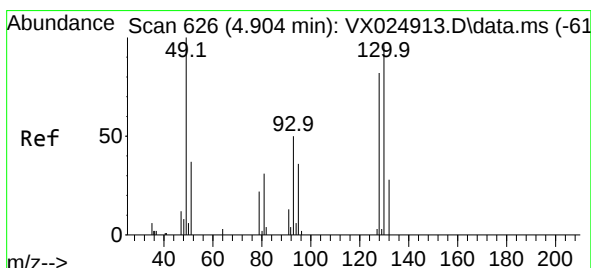
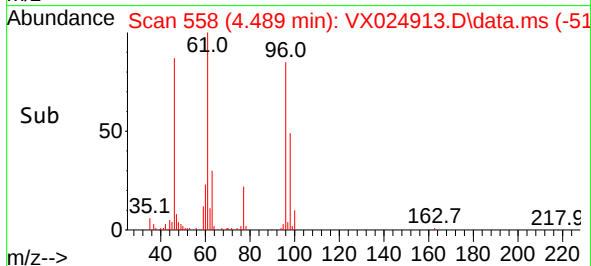
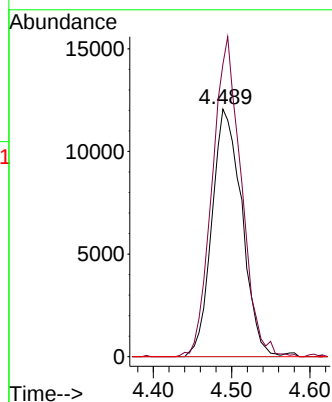
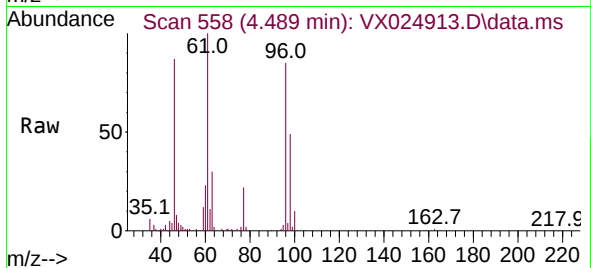




#22
 cis-1,2-Dichloroethene
 Concen: 5.130 ug/L
 RT: 4.489 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VX024913.D
 Acq: 25 Oct 2021 16:25

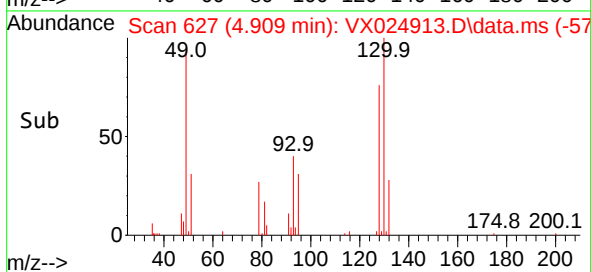
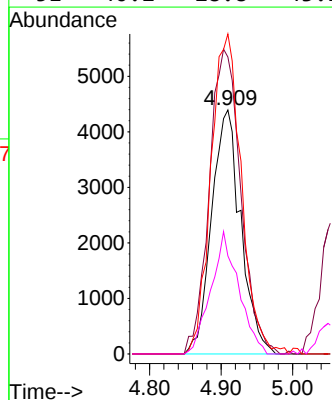
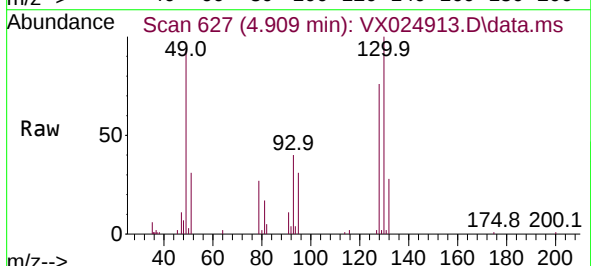
Instrument :
 MSVOA_X
 ClientSampleId :

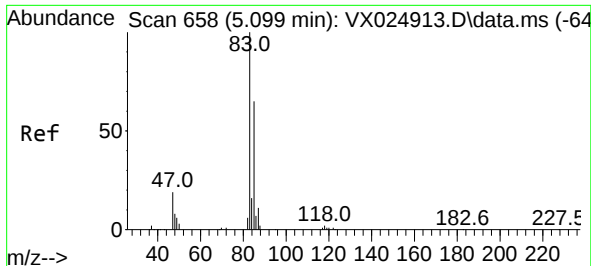
Tgt Ion: 96 Resp: 32044
 Ion Ratio Lower Upper
 96 100
 61 118.2 90.3 167.7
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 4.401 ug/L
 RT: 4.909 min Scan# 627
 Delta R.T. 0.006 min
 Lab File: VX024913.D
 Acq: 25 Oct 2021 16:25

Tgt Ion:128 Resp: 12423
 Ion Ratio Lower Upper
 128 100
 49 121.8 85.8 159.3
 130 131.2 81.4 151.2
 51 40.2 28.8 43.2

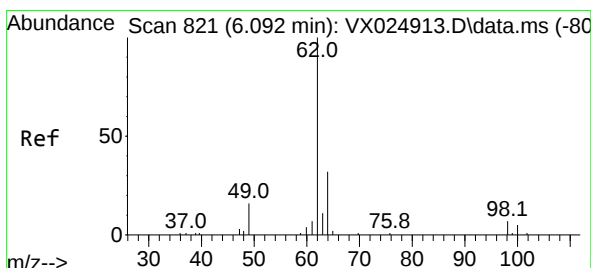
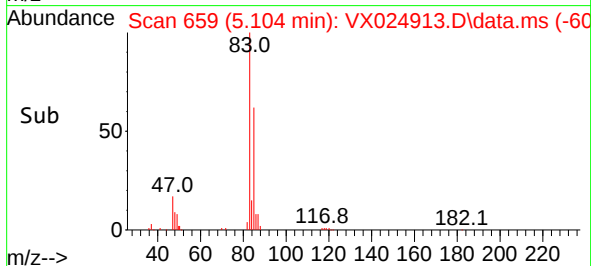
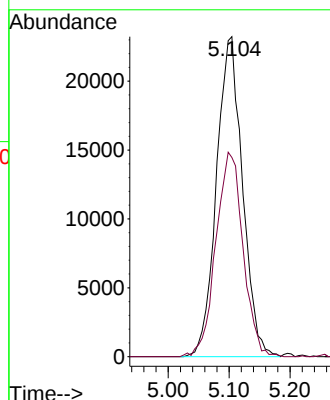
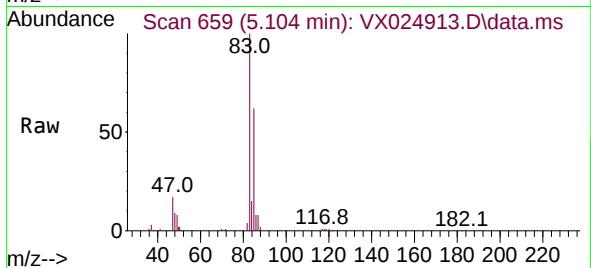




#25
Chloroform
Concen: 5.196 ug/L
RT: 5.104 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX024913.D
Acq: 25 Oct 2021 16:25

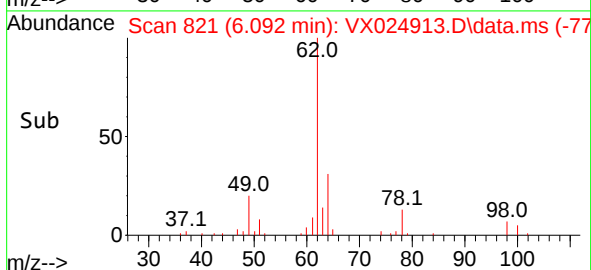
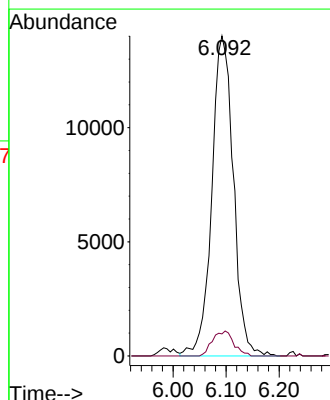
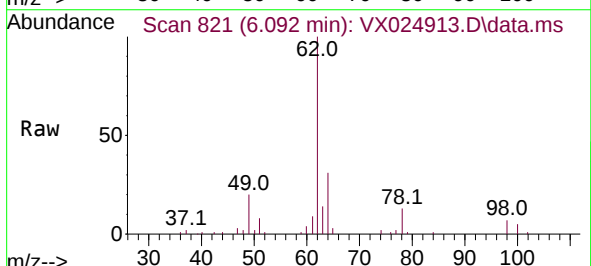
Instrument :
MSVOA_X
ClientSampleId :

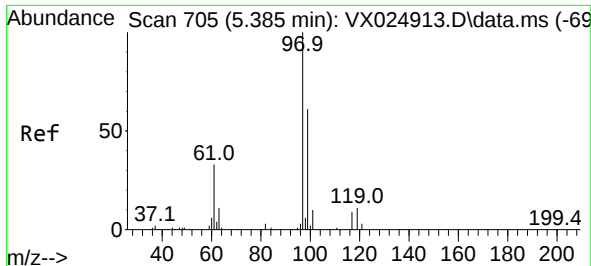
Tgt Ion: 83 Resp: 68835
Ion Ratio Lower Upper
83 100
85 62.2 47.0 87.4



#27
1,2-Dichloroethane
Concen: 4.879 ug/L
RT: 6.092 min Scan# 821
Delta R.T. -0.000 min
Lab File: VX024913.D
Acq: 25 Oct 2021 16:25

Tgt Ion: 62 Resp: 39610
Ion Ratio Lower Upper
62 100
98 6.9 4.1 6.1#





#29

1,1,1-Trichloroethane

Concen: 5.313 ug/L

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX024913.D

Acq: 25 Oct 2021 16:25

Instrument :

MSVOA_X

ClientSampleId :

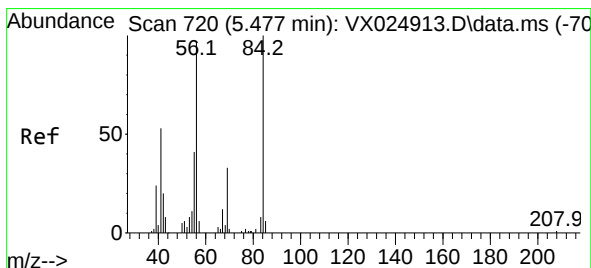
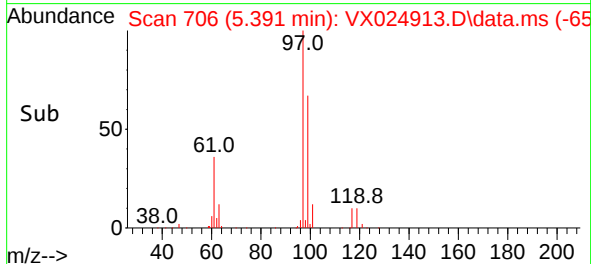
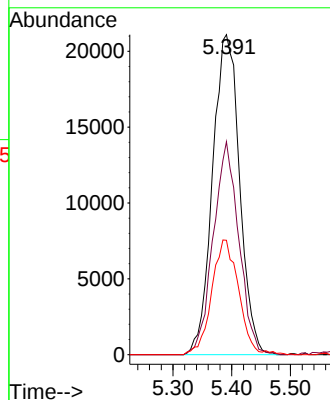
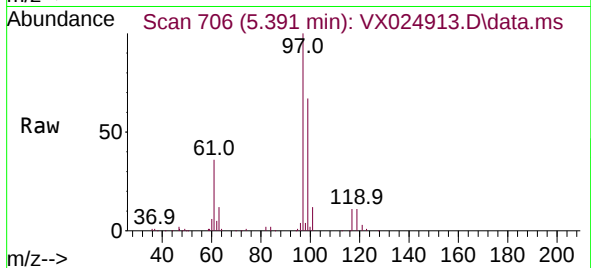
Tgt Ion: 97 Resp: 67402

Ion Ratio Lower Upper

97 100

99 63.1 50.2 75.4

61 35.3 27.0 40.6



#30

Cyclohexane

Concen: 5.332 ug/L

RT: 5.476 min Scan# 720

Delta R.T. -0.000 min

Lab File: VX024913.D

Acq: 25 Oct 2021 16:25

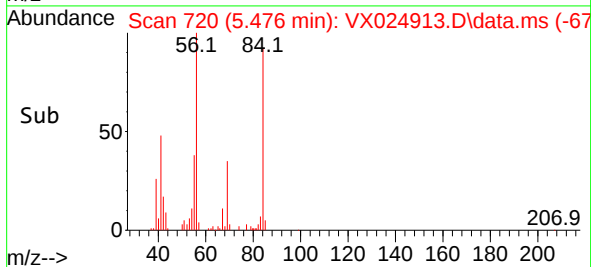
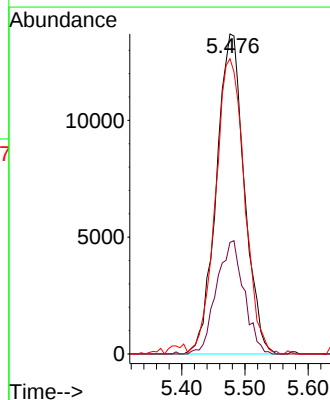
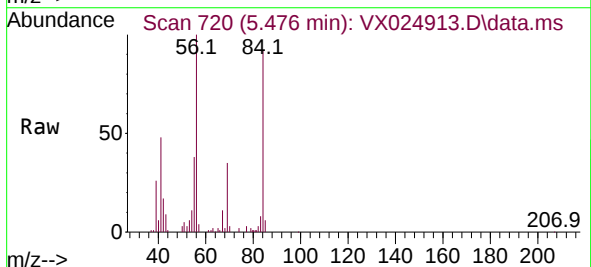
Tgt Ion: 56 Resp: 41986

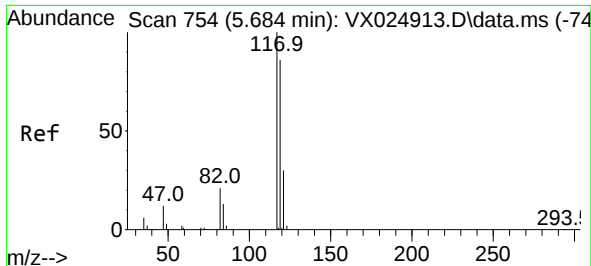
Ion Ratio Lower Upper

56 100

69 35.0 27.1 40.7

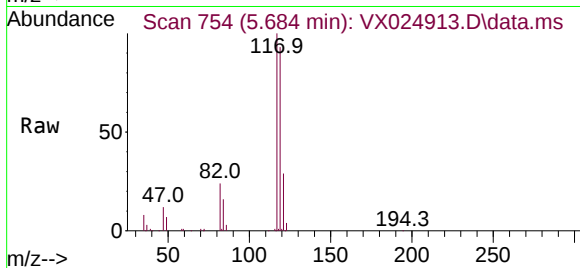
84 95.6 81.0 121.4



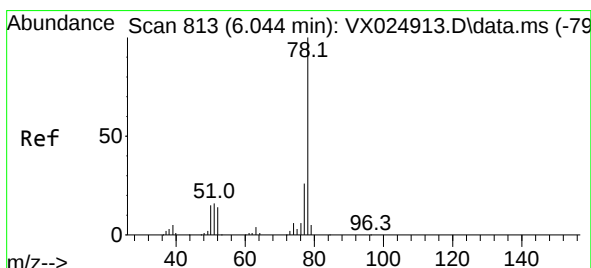
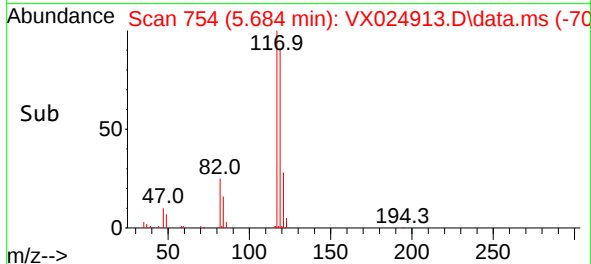
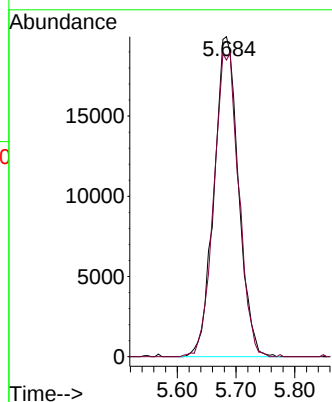


#31
Carbon tetrachloride
Concen: 5.278 ug/L
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX024913.D
Acq: 25 Oct 2021 16:25

Instrument :
MSVOA_X
ClientSampleId :

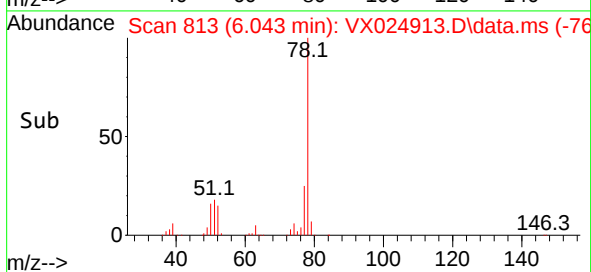
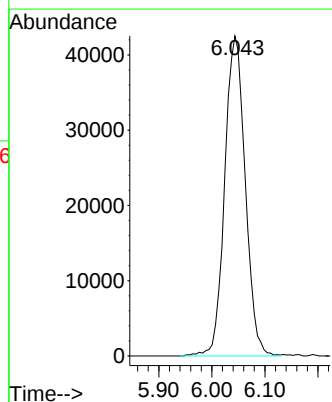
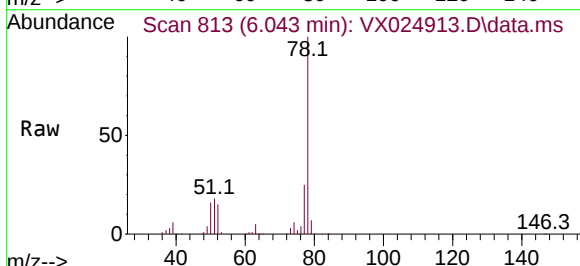


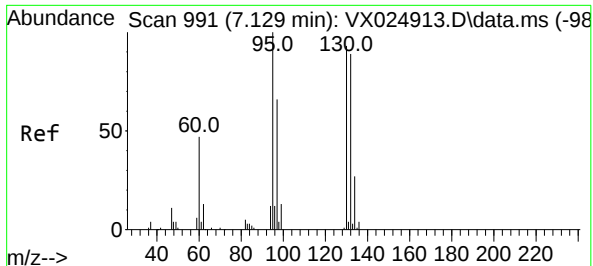
Tgt Ion:117 Resp: 57615
Ion Ratio Lower Upper
117 100
119 96.9 76.9 115.3



#33
Benzene
Concen: 5.356 ug/L
RT: 6.043 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX024913.D
Acq: 25 Oct 2021 16:25

Tgt Ion: 78 Resp: 114359

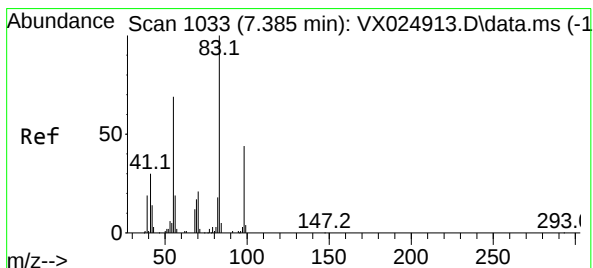
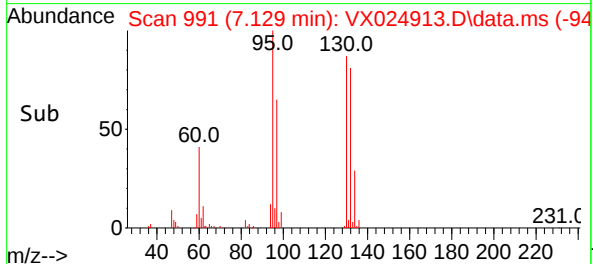
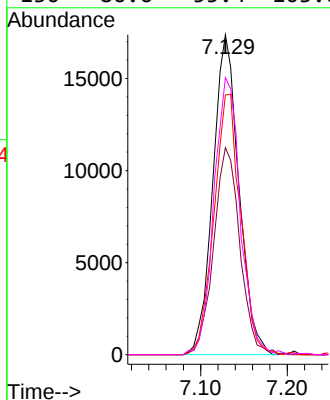
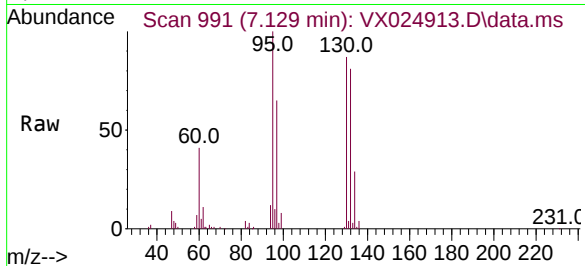




#34
Trichloroethene
Concen: 5.209 ug/L
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX024913.D
Acq: 25 Oct 2021 16:25

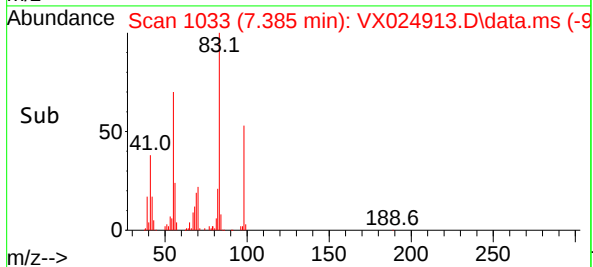
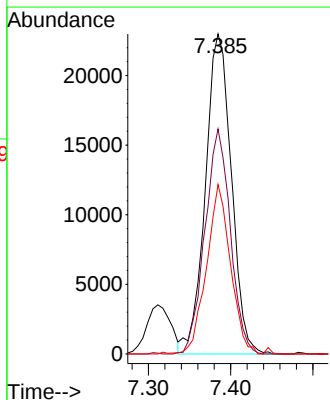
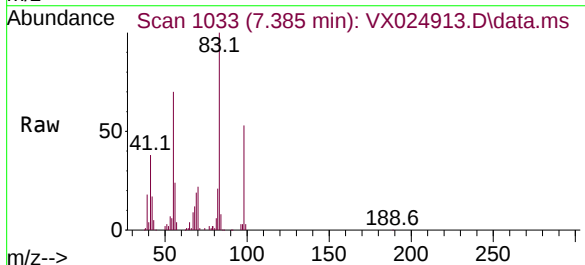
Instrument :
MSVOA_X
ClientSampleId :

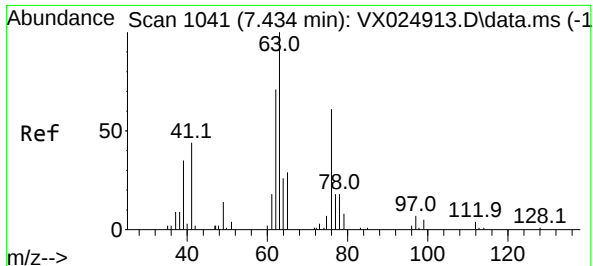
Tgt Ion: 95 Resp: 36227
Ion Ratio Lower Upper
95 100
97 64.7 46.6 86.6
132 81.2 58.4 108.6
130 86.6 55.4 103.0



#35
Methylcyclohexane
Concen: 5.200 ug/L
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX024913.D
Acq: 25 Oct 2021 16:25

Tgt Ion: 83 Resp: 50546
Ion Ratio Lower Upper
83 100
55 68.8 55.7 83.5
98 48.7 38.3 57.5





#37

1,2-Dichloropropane

Concen: 5.198 ug/L

RT: 7.433 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VX024913.D

Acq: 25 Oct 2021 16:25

Instrument :

MSVOA_X

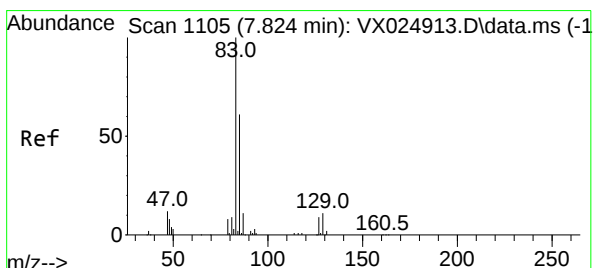
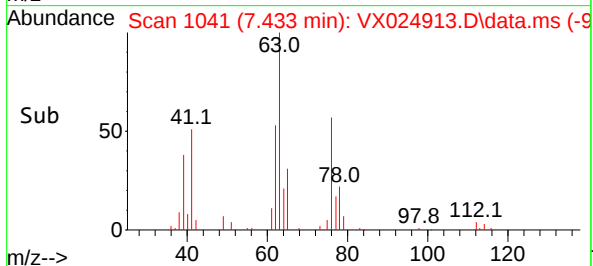
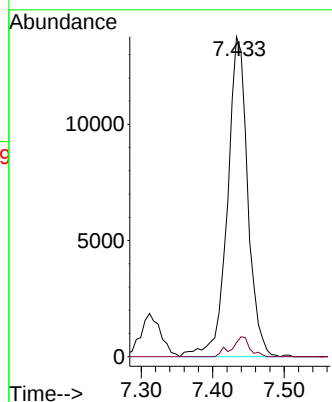
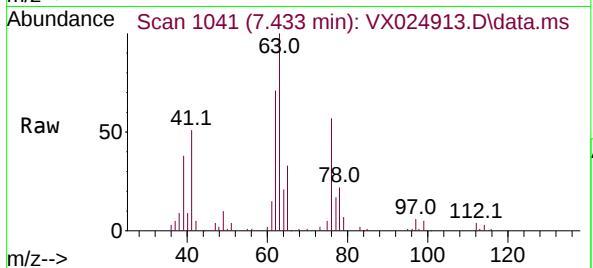
ClientSampleId :

Tgt Ion: 63 Resp: 27132

Ion Ratio Lower Upper

63 100

112 5.5 3.5 5.3#



#38

Bromodichloromethane

Concen: 5.396 ug/L

RT: 7.824 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VX024913.D

Acq: 25 Oct 2021 16:25

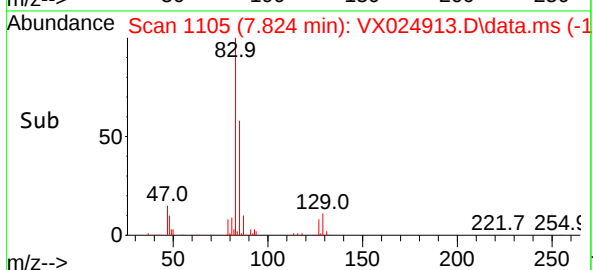
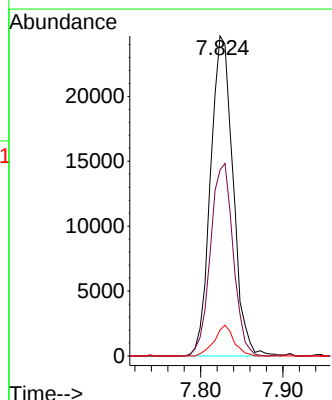
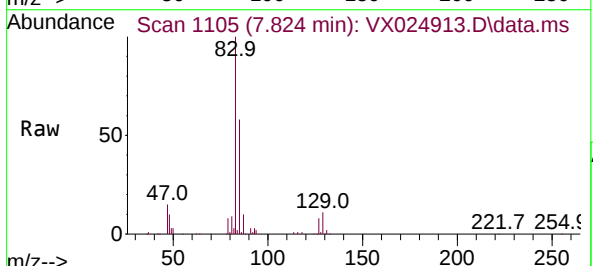
Tgt Ion: 83 Resp: 46905

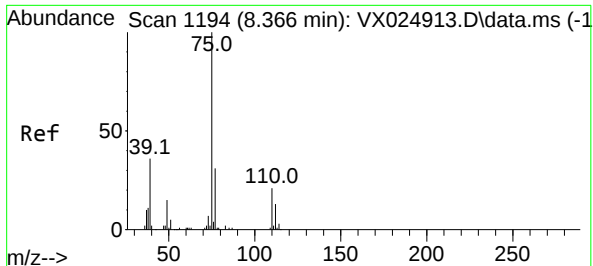
Ion Ratio Lower Upper

83 100

85 58.1 43.5 80.9

127 8.2 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 5.181 ug/L

RT: 8.372 min Scan# 1194

Delta R.T. 0.006 min

Lab File: VX024913.D

Acq: 25 Oct 2021 16:25

Instrument :

MSVOA_X

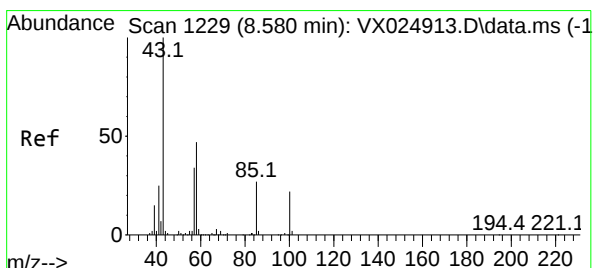
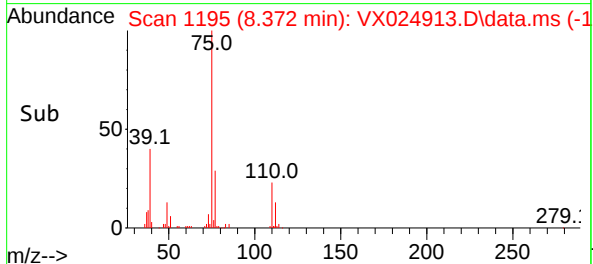
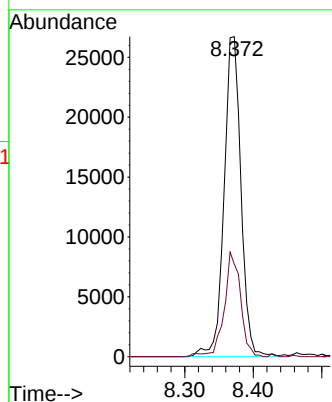
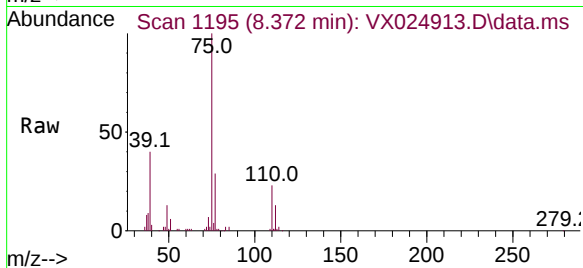
ClientSampleId :

Tgt Ion: 75 Resp: 45585

Ion Ratio Lower Upper

75 100

77 28.9 20.9 38.9



#40

4-Methyl-2-pentanone

Concen: 52.865 ug/L

RT: 8.579 min Scan# 1229

Delta R.T. -0.000 min

Lab File: VX024913.D

Acq: 25 Oct 2021 16:25

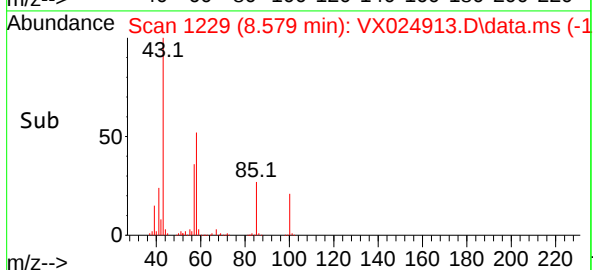
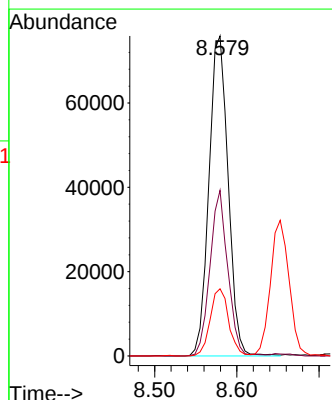
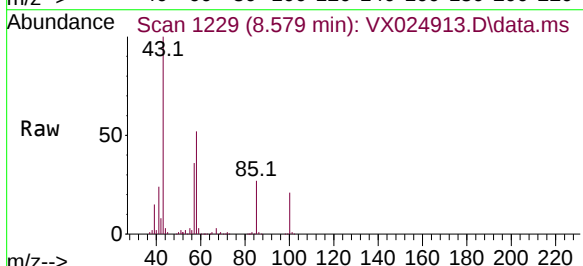
Tgt Ion: 43 Resp: 122914

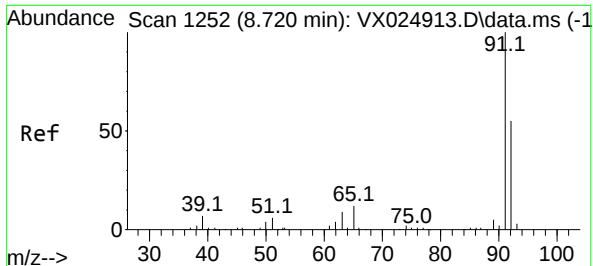
Ion Ratio Lower Upper

43 100

58 48.2 40.1 60.1

100 20.3 17.4 26.0

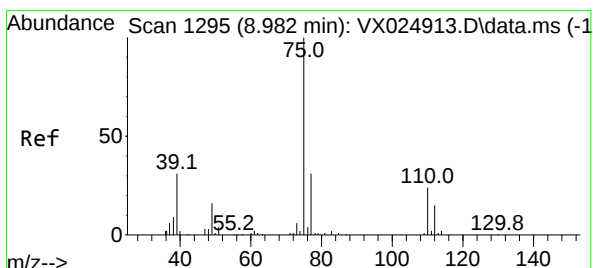
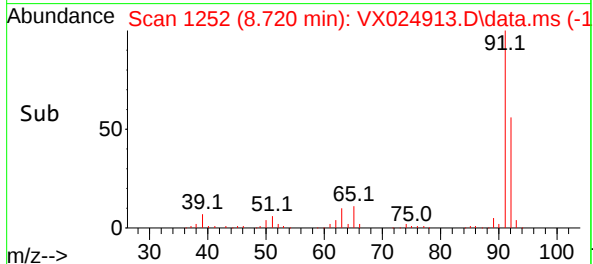
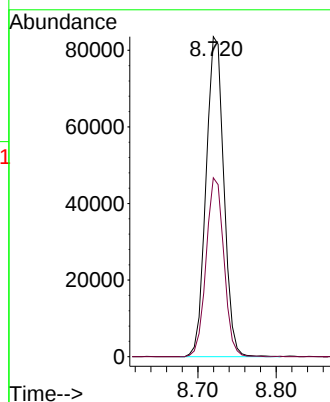
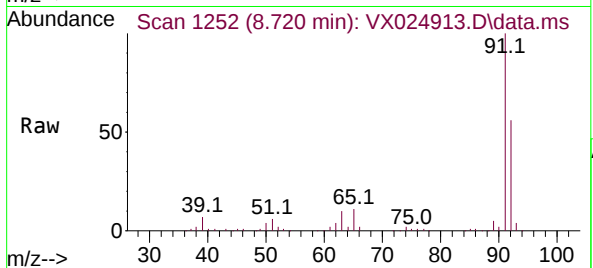




#42
Toluene
Concen: 5.271 ug/L
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX024913.D
Acq: 25 Oct 2021 16:25

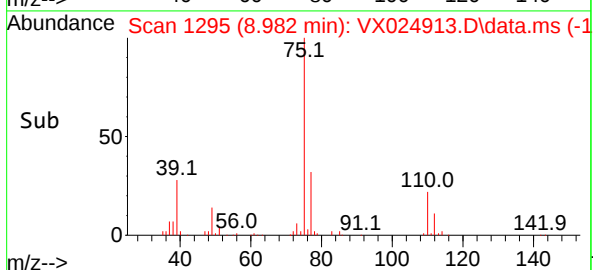
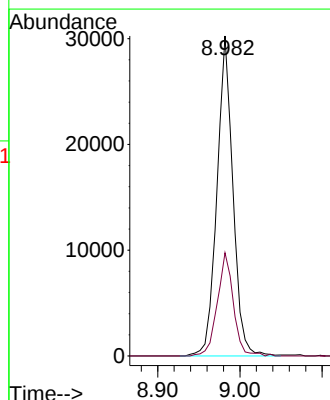
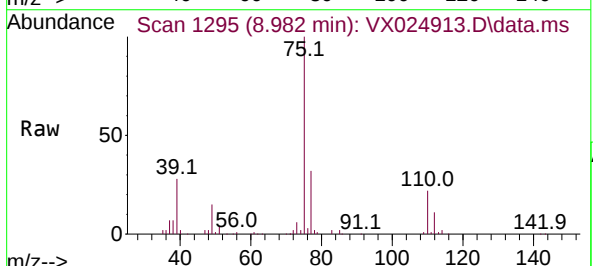
Instrument :
MSVOA_X
ClientSampleId :

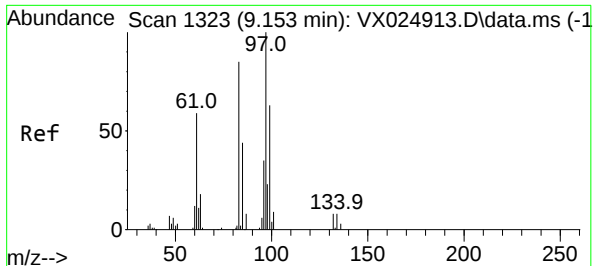
Tgt Ion: 91 Resp: 131638
Ion Ratio Lower Upper
91 100
92 55.9 39.1 72.5



#44
trans-1,3-Dichloropropene
Concen: 5.124 ug/L
RT: 8.982 min Scan# 1295
Delta R.T. -0.000 min
Lab File: VX024913.D
Acq: 25 Oct 2021 16:25

Tgt Ion: 75 Resp: 40848
Ion Ratio Lower Upper
75 100
77 32.3 23.4 43.4





#45

1,1,2-Trichloroethane

Concen: 4.994 ug/L

RT: 9.153 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX024913.D

Acq: 25 Oct 2021 16:25

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 97 Resp: 20969

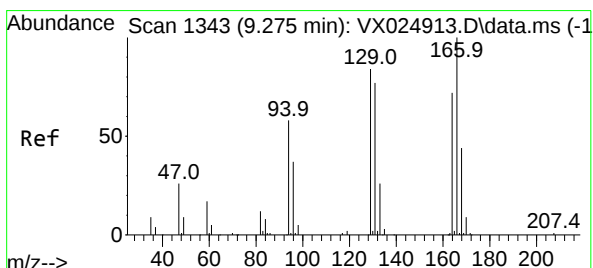
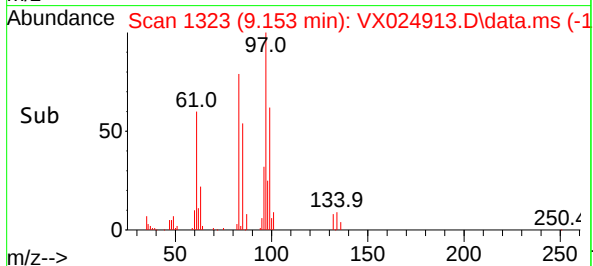
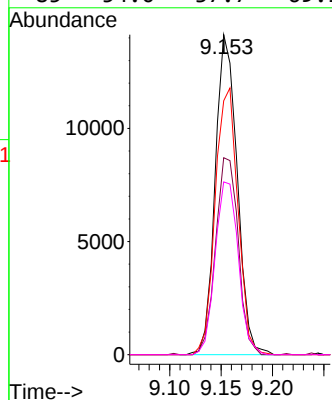
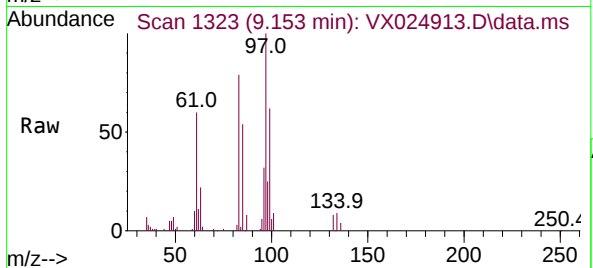
Ion Ratio Lower Upper

97 100

99 61.5 46.8 86.8

83 79.4 63.6 118.2

85 54.0 37.7 69.9



#47

Tetrachloroethene

Concen: 5.094 ug/L

RT: 9.274 min Scan# 1343

Delta R.T. -0.000 min

Lab File: VX024913.D

Acq: 25 Oct 2021 16:25

Tgt Ion:164 Resp: 24747

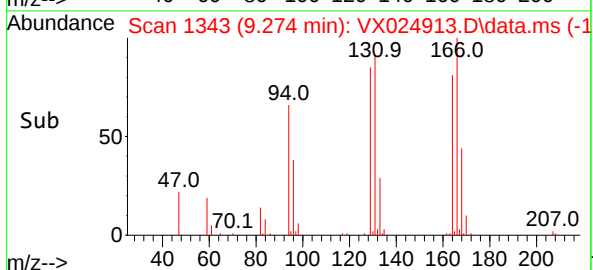
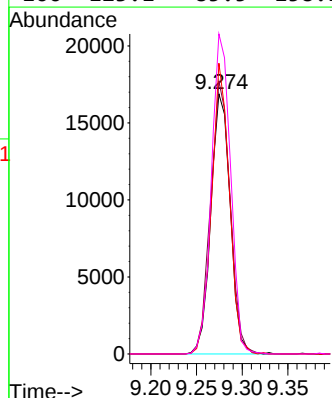
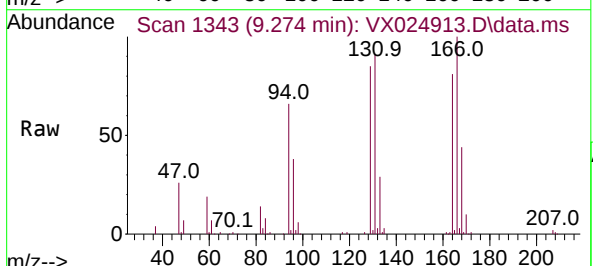
Ion Ratio Lower Upper

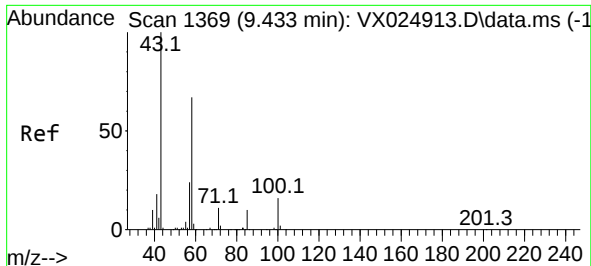
164 100

129 104.9 81.8 152.0

131 111.8 82.9 153.9

166 123.1 85.5 158.9

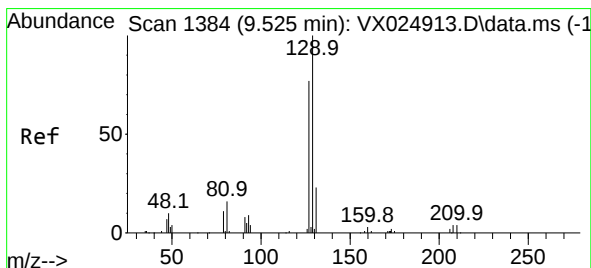
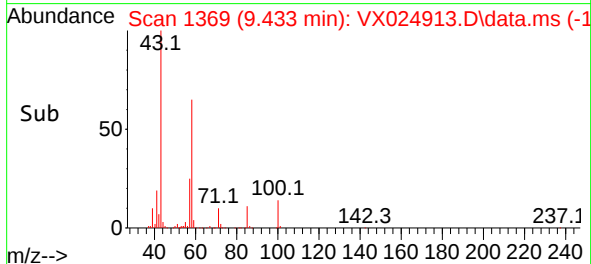
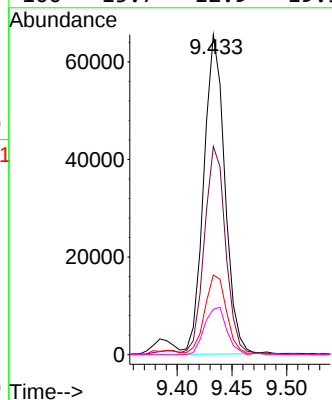
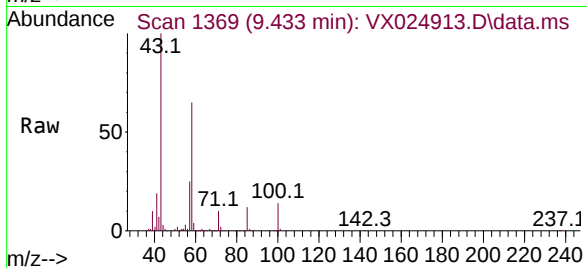




#48
2-Hexanone
Concen: 51.622 ug/L
RT: 9.433 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VX024913.D
Acq: 25 Oct 2021 16:25

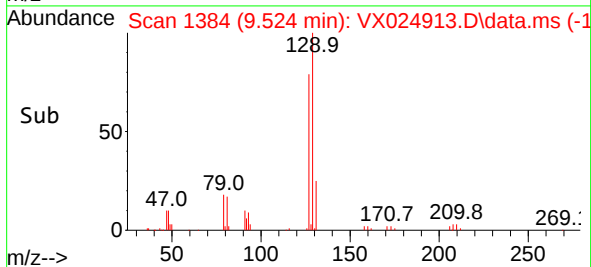
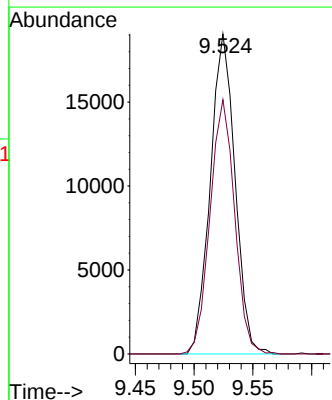
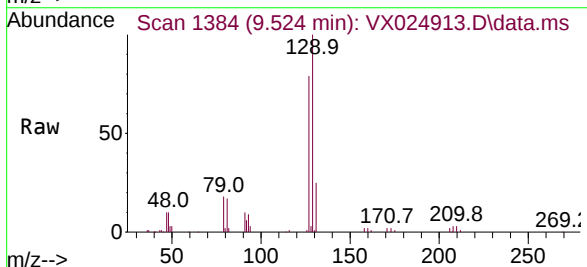
Instrument :
MSVOA_X
ClientSampleId :

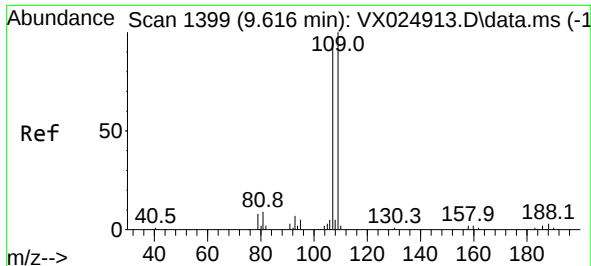
Tgt Ion: 43 Resp: 87631
Ion Ratio Lower Upper
43 100
58 65.3 52.7 79.1
57 26.2 21.2 31.8
100 15.7 12.9 19.3



#49
Dibromochloromethane
Concen: 5.085 ug/L
RT: 9.524 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VX024913.D
Acq: 25 Oct 2021 16:25

Tgt Ion: 129 Resp: 27892
Ion Ratio Lower Upper
129 100
127 79.5 52.5 97.5





#50

1,2-Dibromoethane

Concen: 5.136 ug/L

RT: 9.616 min Scan# 1399

Delta R.T. -0.000 min

Lab File: VX024913.D

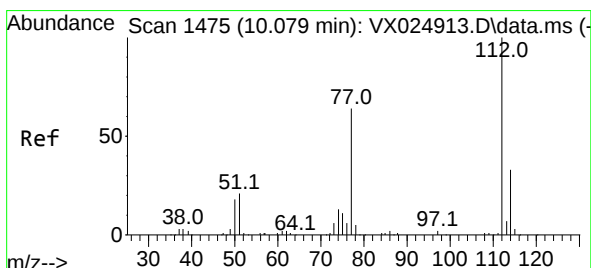
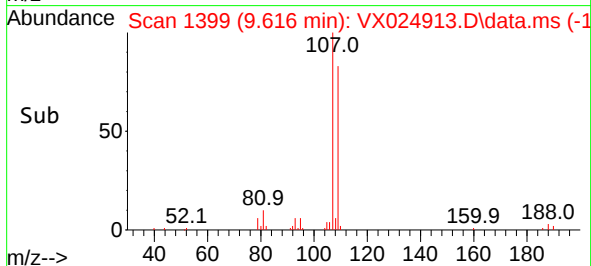
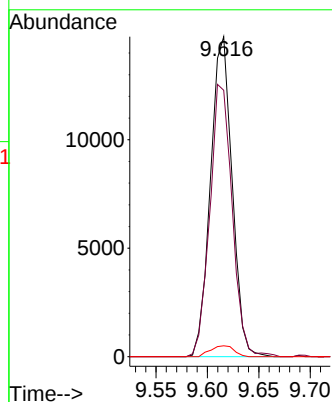
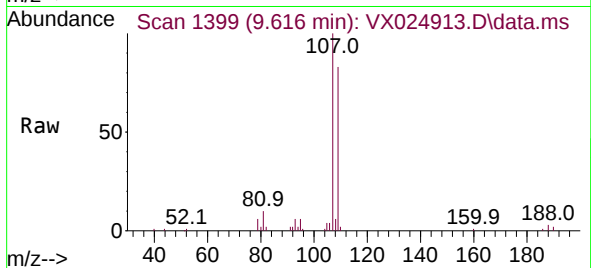
Acq: 25 Oct 2021 16:25

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:	107	Resp:	21602
Ion	Ratio	Lower	Upper
107	100		
109	83.2	61.7	114.7
188	3.4	2.6	4.0



#51

Chlorobenzene

Concen: 5.146 ug/L

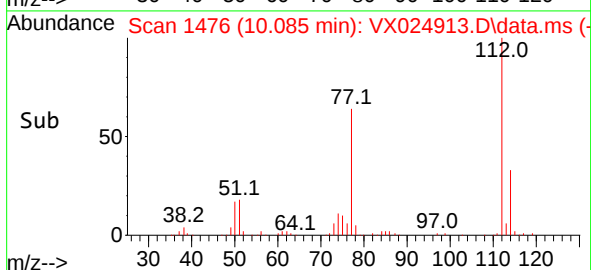
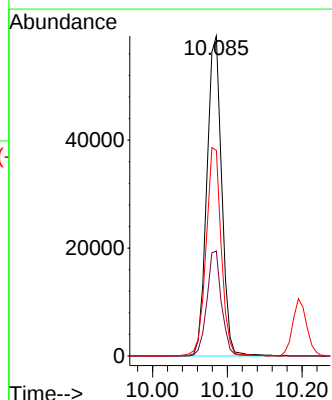
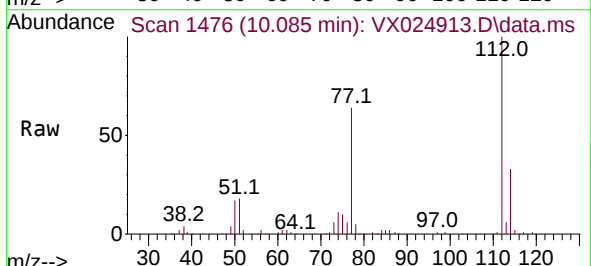
RT: 10.085 min Scan# 1476

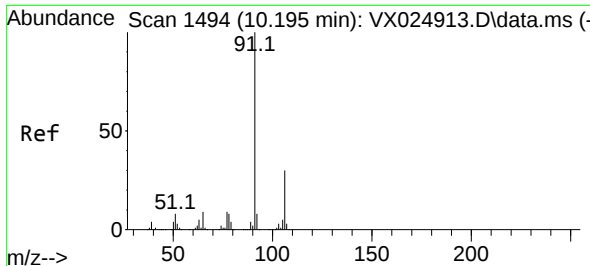
Delta R.T. 0.006 min

Lab File: VX024913.D

Acq: 25 Oct 2021 16:25

Tgt Ion:	112	Resp:	81588
Ion	Ratio	Lower	Upper
112	100		
114	32.8	22.8	42.4
77	64.3	52.7	79.1

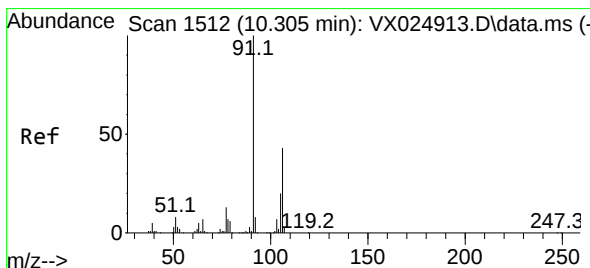
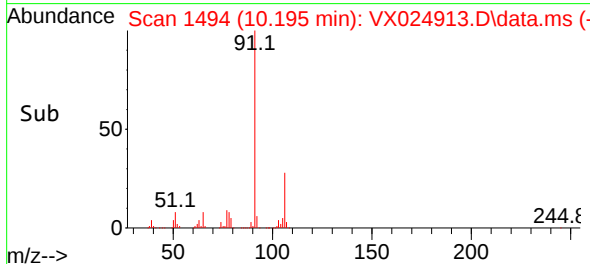
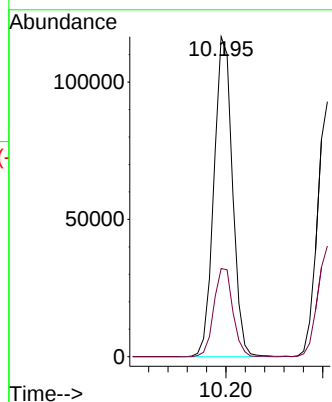
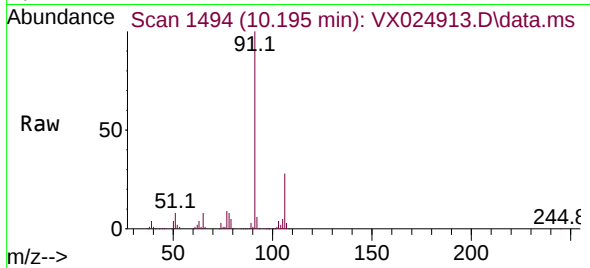




#52
Ethylbenzene
Concen: 5.252 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX024913.D
Acq: 25 Oct 2021 16:25

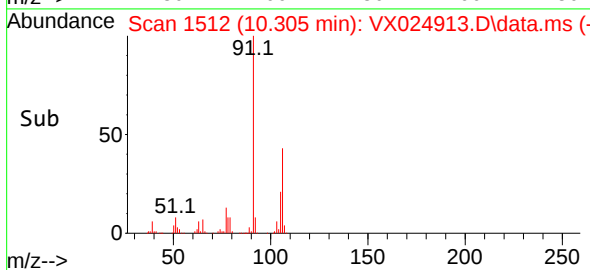
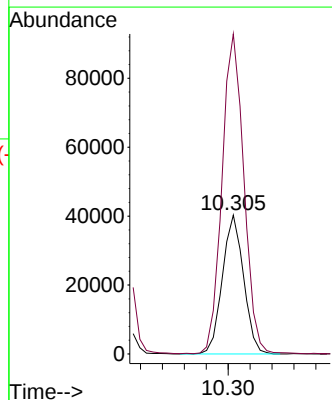
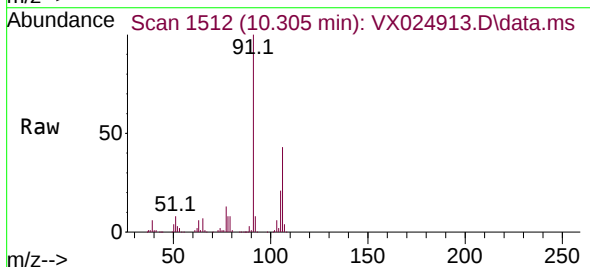
Instrument :
MSVOA_X
ClientSampleId :

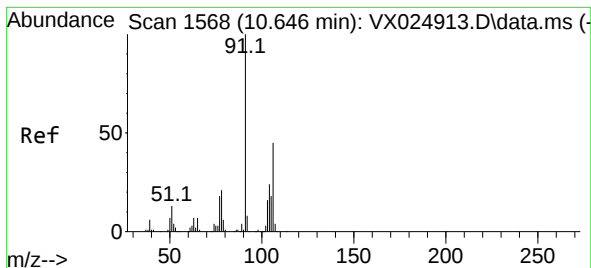
Tgt Ion: 91 Resp: 154781
Ion Ratio Lower Upper
91 100
106 27.6 20.1 37.3



#53
m,p-xylene
Concen: 5.184 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX024913.D
Acq: 25 Oct 2021 16:25

Tgt Ion: 106 Resp: 54191
Ion Ratio Lower Upper
106 100
91 230.3 161.7 300.3





#54

o-xylene

Concen: 5.188 ug/L

RT: 10.646 min Scan# 1568

Delta R.T. -0.000 min

Lab File: VX024913.D

Acq: 25 Oct 2021 16:25

Instrument :

MSVOA_X

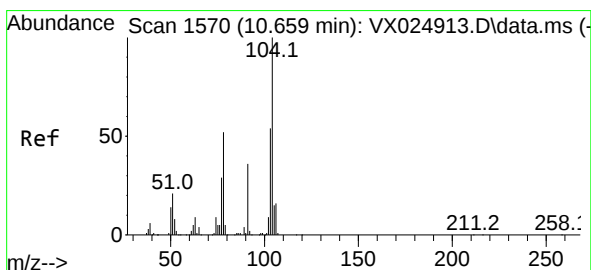
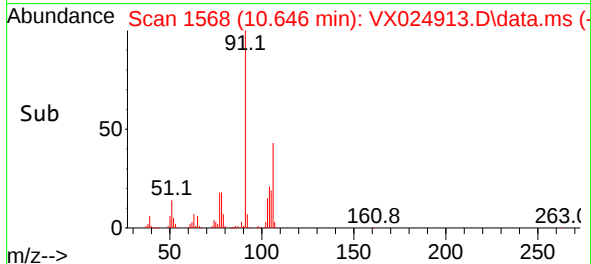
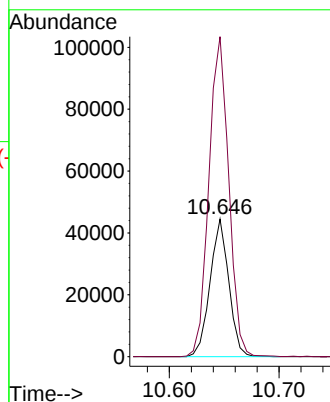
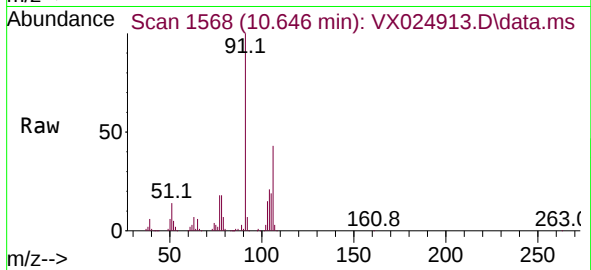
ClientSampleId :

Tgt Ion:106 Resp: 52871

Ion Ratio Lower Upper

106 100

91 232.6 172.9 321.1



#55

Styrene

Concen: 5.252 ug/L

RT: 10.658 min Scan# 1570

Delta R.T. -0.000 min

Lab File: VX024913.D

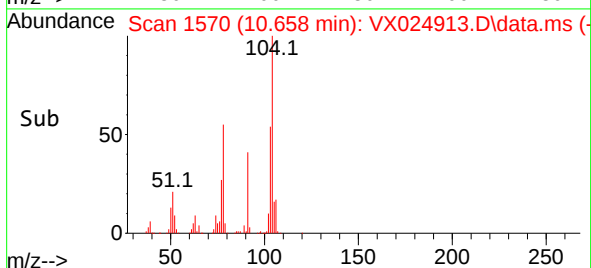
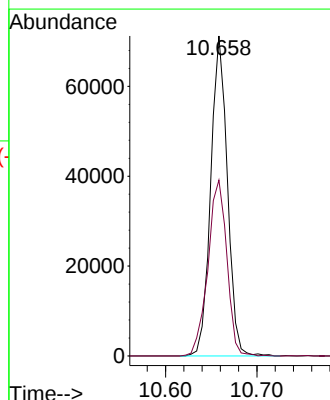
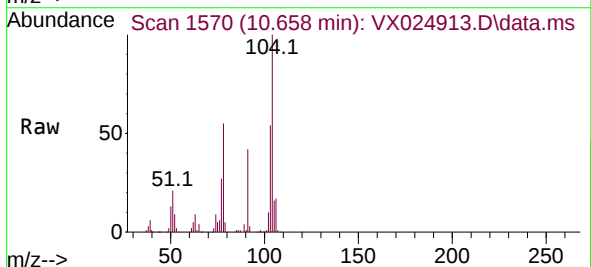
Acq: 25 Oct 2021 16:25

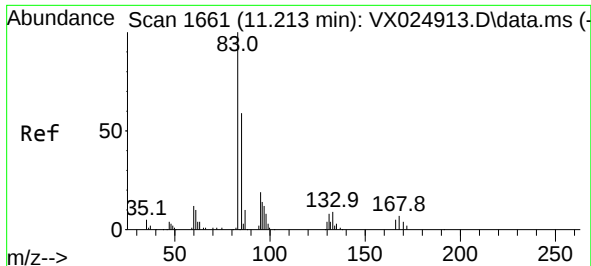
Tgt Ion:104 Resp: 89839

Ion Ratio Lower Upper

104 100

78 55.0 37.1 68.9





#57

1,1,2-Tetrachloroethane

Concen: 4.859 ug/L

RT: 11.213 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX024913.D

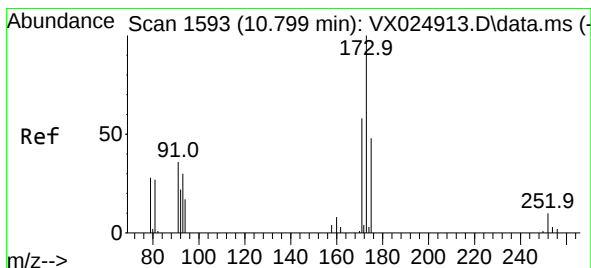
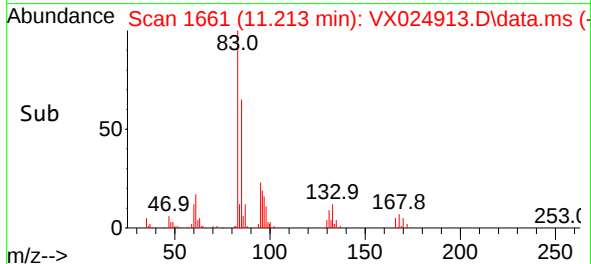
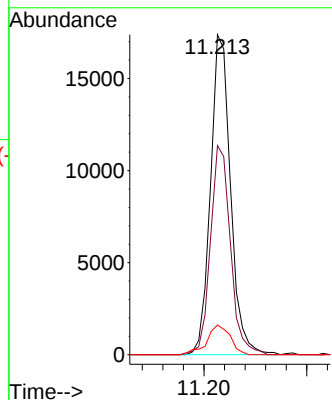
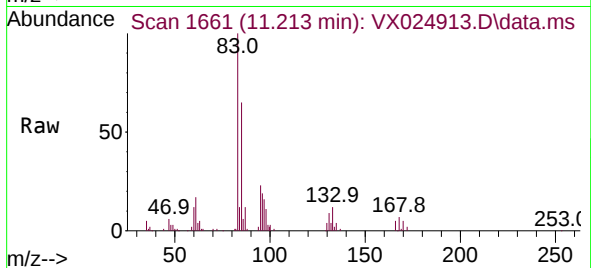
Acq: 25 Oct 2021 16:25

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 83	Resp:	23544
Ion Ratio	Lower	Upper
83	100	
85	65.4	44.9 83.5
131	9.2	7.7 11.5



#59

Bromoform

Concen: 4.460 ug/L

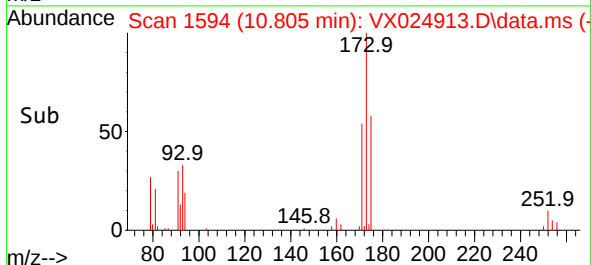
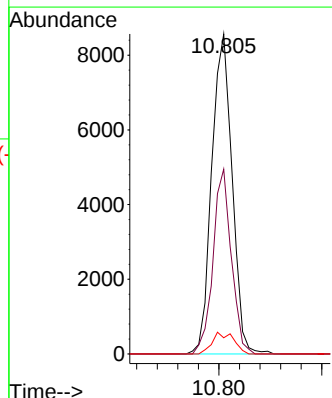
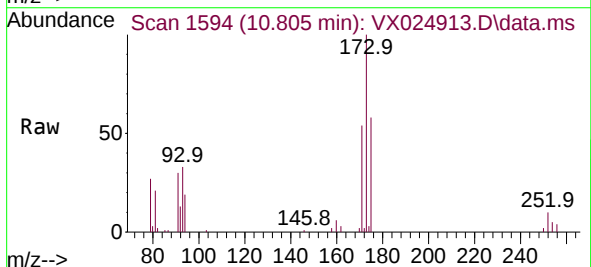
RT: 10.805 min Scan# 1594

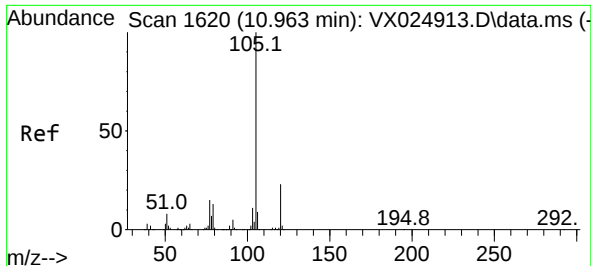
Delta R.T. 0.006 min

Lab File: VX024913.D

Acq: 25 Oct 2021 16:25

Tgt Ion: 173	Resp:	11763
Ion Ratio	Lower	Upper
173	100	
175	51.9	38.4 57.6
254	7.1	4.6 7.0#

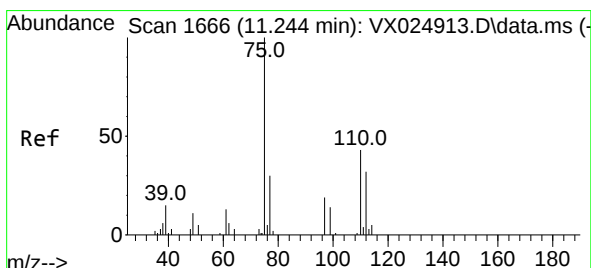
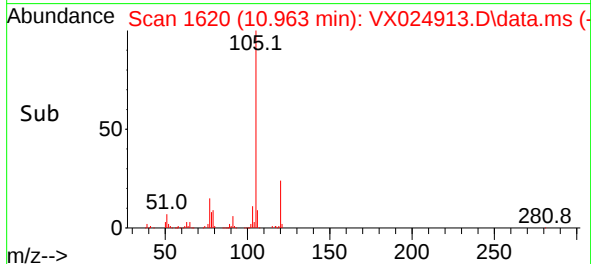
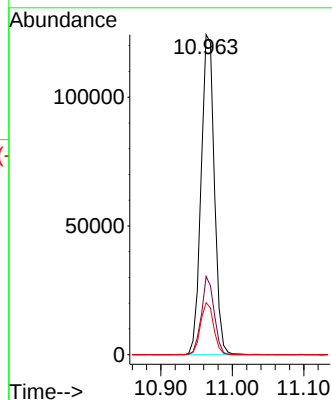
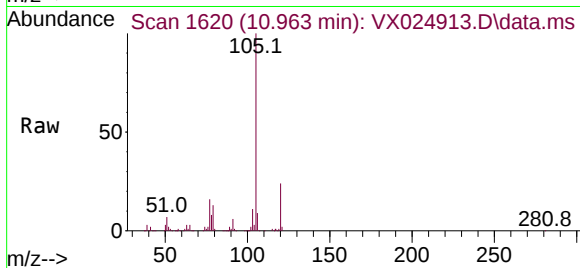




#60
Isopropylbenzene
Concen: 5.281 ug/L
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX024913.D
Acq: 25 Oct 2021 16:25

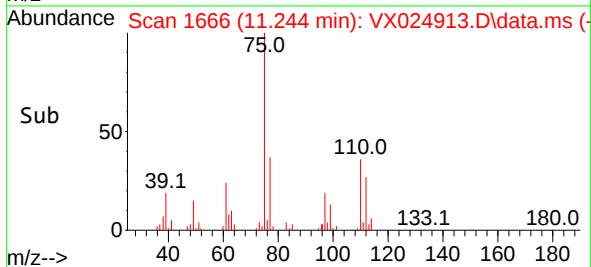
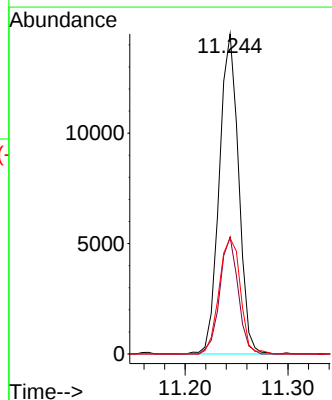
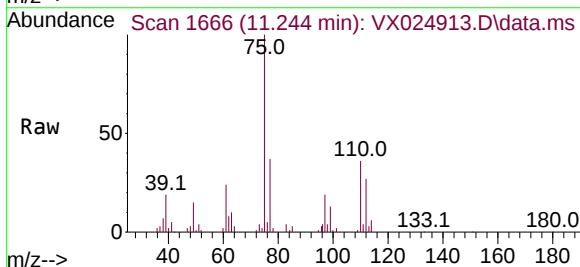
Instrument :
MSVOA_X
ClientSampleId :

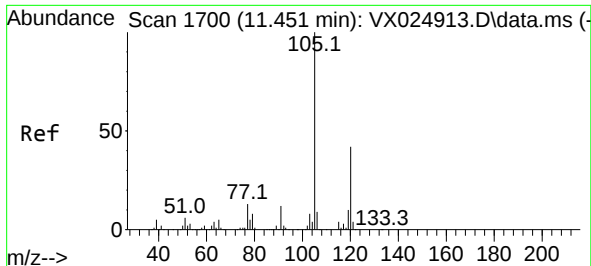
Tgt Ion:105 Resp: 160026
Ion Ratio Lower Upper
105 100
120 23.3 19.0 28.6
77 16.2 13.7 20.5



#61
1,2,3-Trichloropropane
Concen: 5.088 ug/L
RT: 11.244 min Scan# 1666
Delta R.T. -0.000 min
Lab File: VX024913.D
Acq: 25 Oct 2021 16:25

Tgt Ion: 75 Resp: 18885
Ion Ratio Lower Upper
75 100
77 34.7 28.1 42.1
110 39.8 34.7 52.1





#62

1,3,5-Trimethylbenzene

Concen: 5.282 ug/L

RT: 11.457 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX024913.D

Acq: 25 Oct 2021 16:25

Instrument :

MSVOA_X

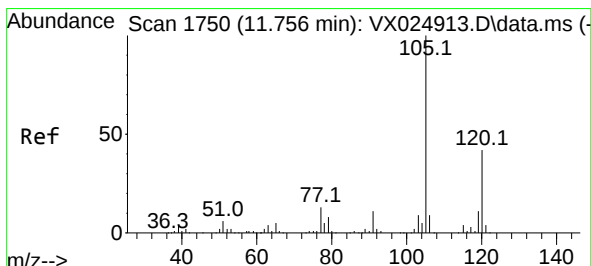
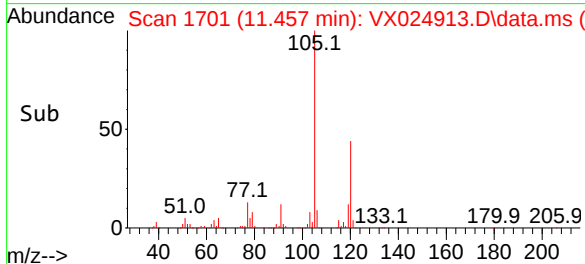
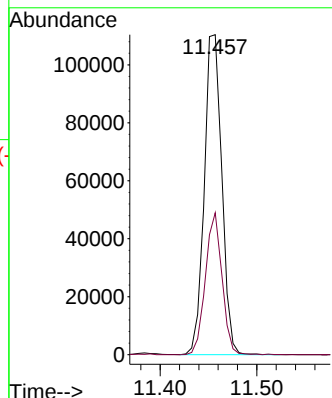
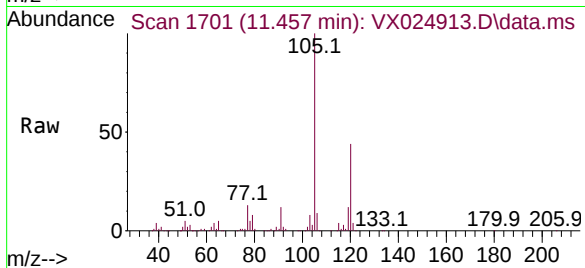
ClientSampleId :

Tgt Ion:105 Resp: 139727

Ion Ratio Lower Upper

105 100

120 41.9 33.6 50.4



#63

1,2,4-Trimethylbenzene

Concen: 5.164 ug/L

RT: 11.756 min Scan# 1750

Delta R.T. -0.000 min

Lab File: VX024913.D

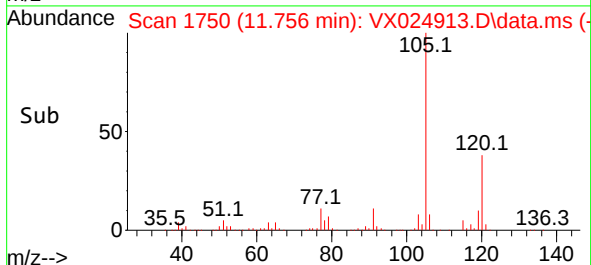
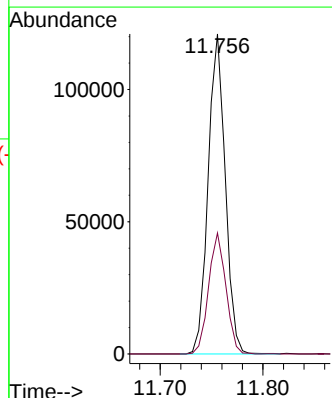
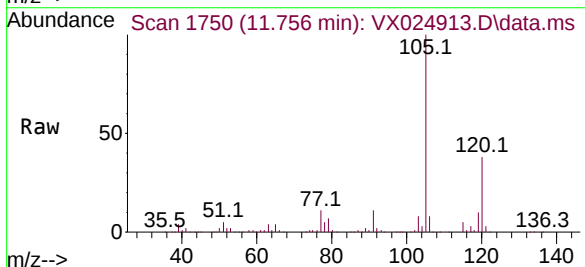
Acq: 25 Oct 2021 16:25

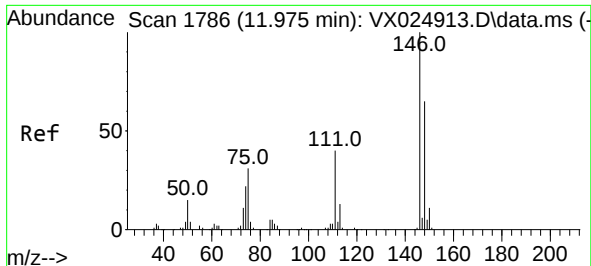
Tgt Ion:105 Resp: 139920

Ion Ratio Lower Upper

105 100

120 38.2 32.3 48.5

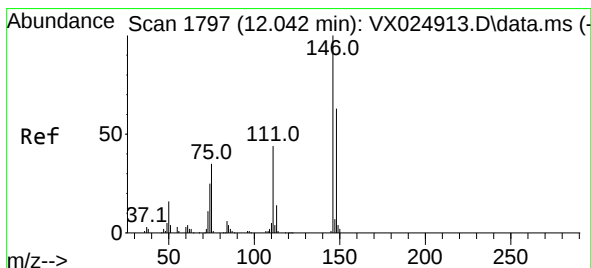
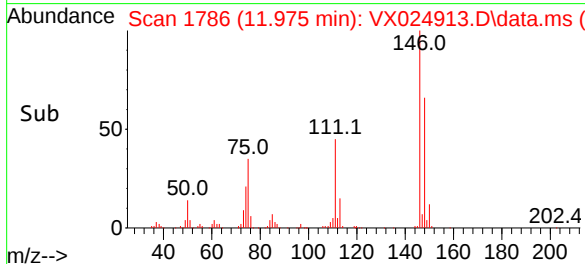
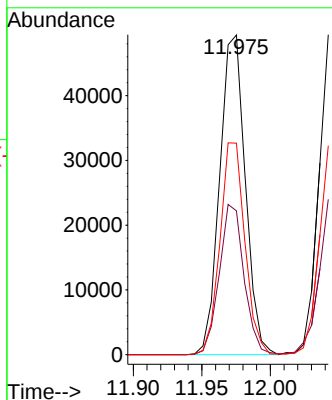
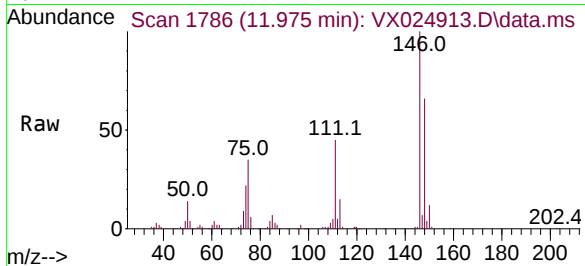




#64
1,3-Dichlorobenzene
Concen: 5.088 ug/L
RT: 11.975 min Scan# 1786
Delta R.T. -0.000 min
Lab File: VX024913.D
Acq: 25 Oct 2021 16:25

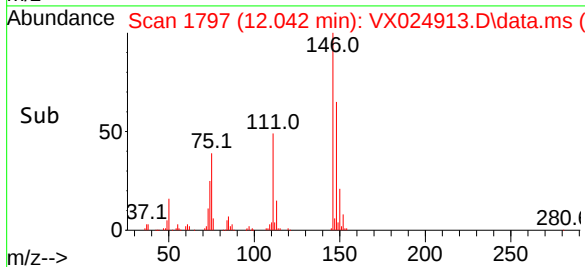
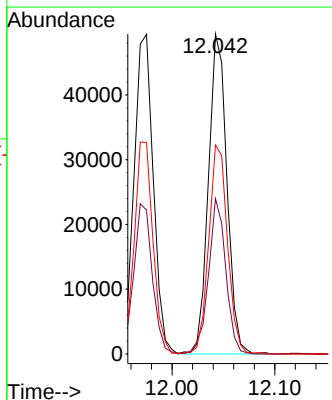
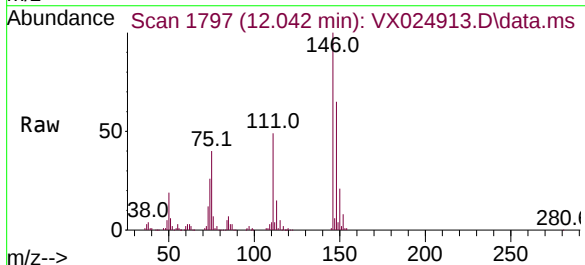
Instrument :
MSVOA_X
ClientSampleId :

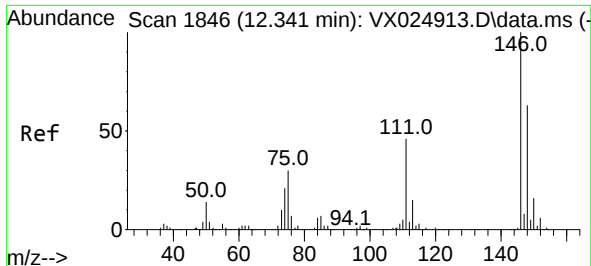
Tgt Ion:146 Resp: 64132
Ion Ratio Lower Upper
146 100
111 45.0 34.2 63.4
148 66.2 44.1 81.9



#65
1,4-Dichlorobenzene
Concen: 4.877 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX024913.D
Acq: 25 Oct 2021 16:25

Tgt Ion:146 Resp: 61642
Ion Ratio Lower Upper
146 100
111 48.5 32.6 60.6
148 65.3 43.3 80.3





#67

1,2-Dichlorobenzene

Concen: 4.980 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. -0.006 min

Lab File: VX024913.D

Acq: 25 Oct 2021 16:25

Instrument :

MSVOA_X

ClientSampleId :

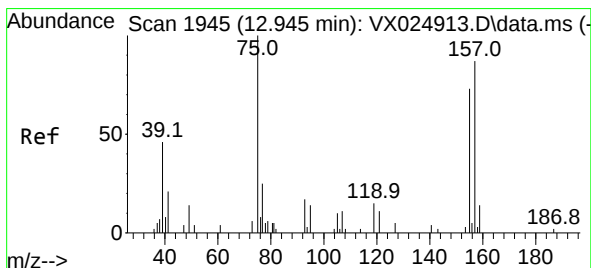
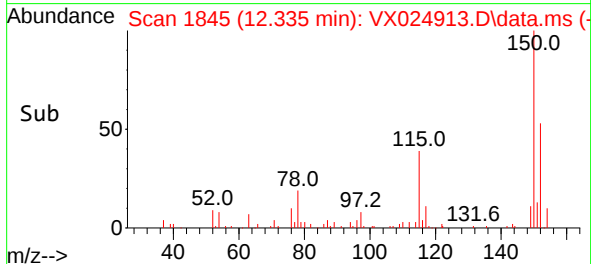
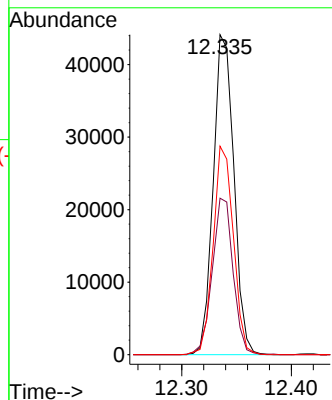
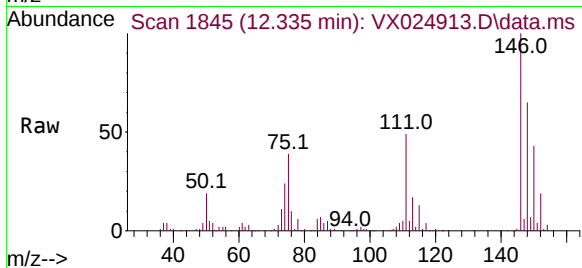
Tgt Ion:146 Resp: 57697

Ion Ratio Lower Upper

146 100

111 48.9 35.9 53.9

148 65.2 53.1 79.7



#68

1,2-Dibromo-3-chloropropane

Concen: 5.088 ug/L

RT: 12.945 min Scan# 1945

Delta R.T. -0.000 min

Lab File: VX024913.D

Acq: 25 Oct 2021 16:25

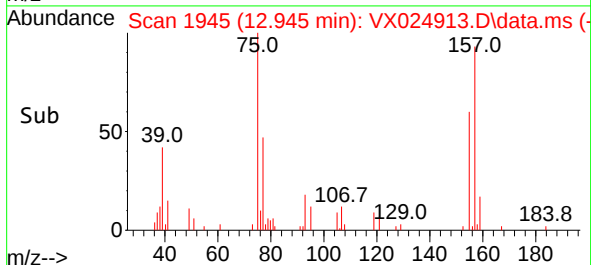
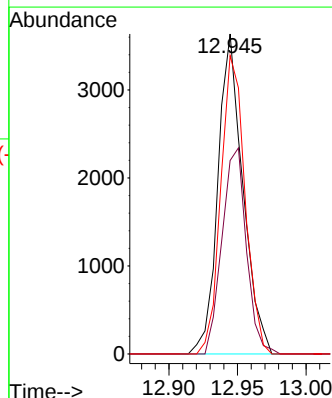
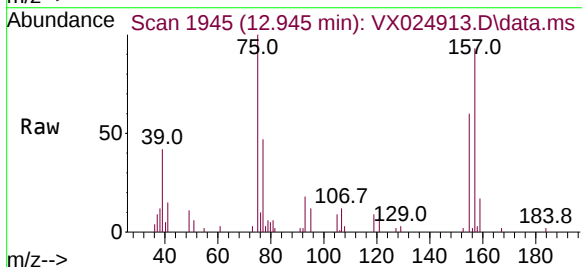
Tgt Ion: 75 Resp: 4597

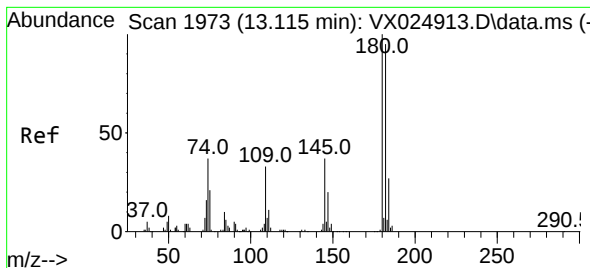
Ion Ratio Lower Upper

75 100

155 60.5 53.6 80.4

157 93.3 82.2 123.4





#69

1,3,5-Trichlorobenzene

Concen: 4.818 ug/L

RT: 13.115 min Scan# 1973

Delta R.T. -0.000 min

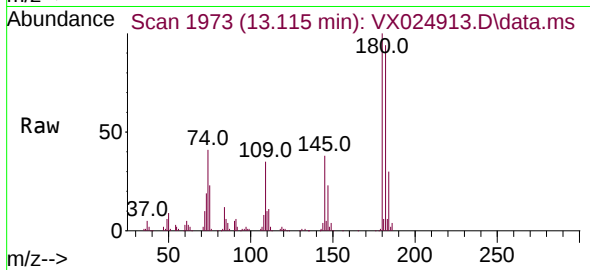
Lab File: VX024913.D

Acq: 25 Oct 2021 16:25

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 46235

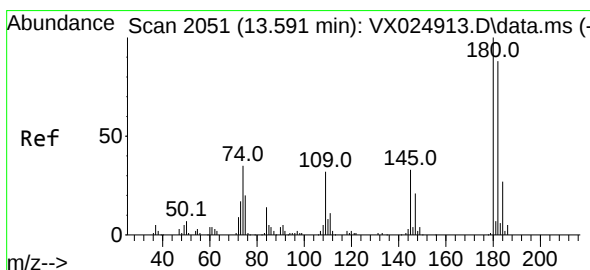
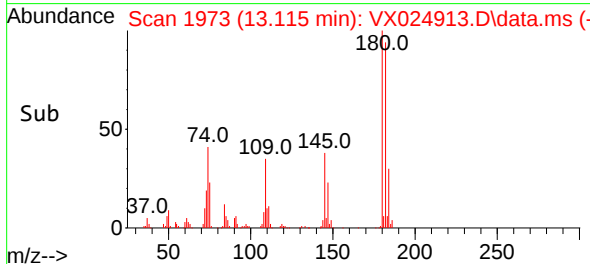
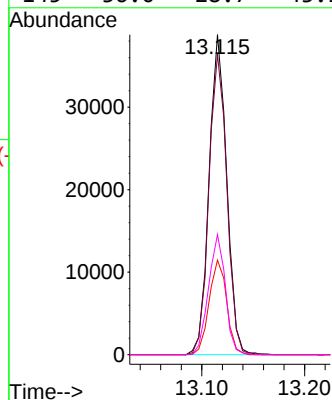
Ion Ratio Lower Upper

180 100

182 95.2 74.6 111.8

184 29.5 24.0 36.0

145 36.0 28.7 43.1



#70

1,2,4-trichlorobenzene

Concen: 5.006 ug/L

RT: 13.591 min Scan# 2051

Delta R.T. -0.000 min

Lab File: VX024913.D

Acq: 25 Oct 2021 16:25

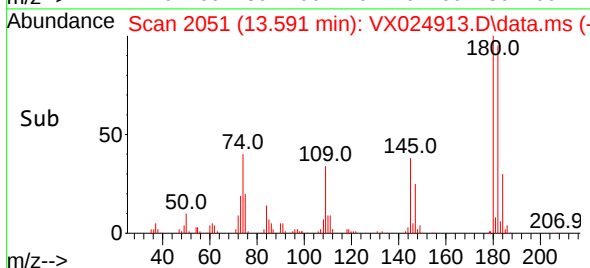
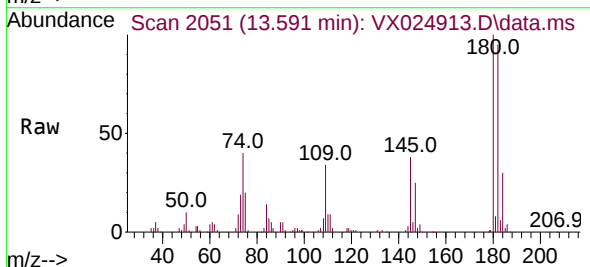
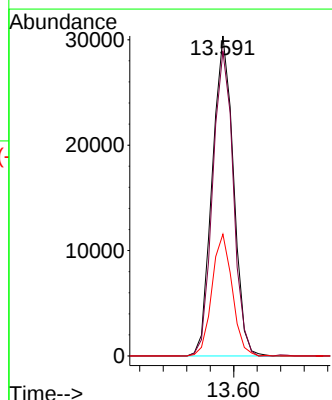
Tgt Ion:180 Resp: 37997

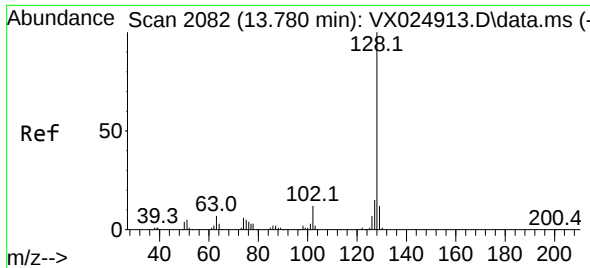
Ion Ratio Lower Upper

180 100

182 92.5 72.1 108.1

145 36.4 27.1 40.7

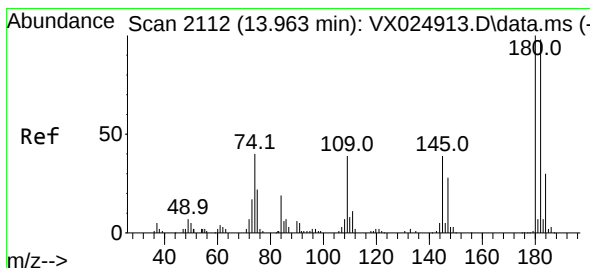
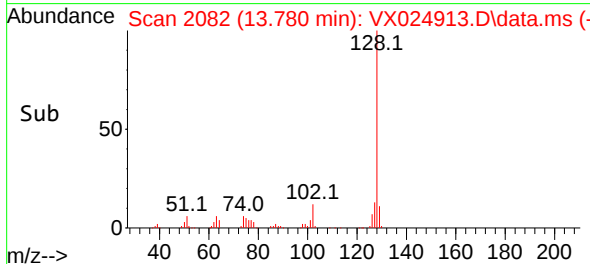
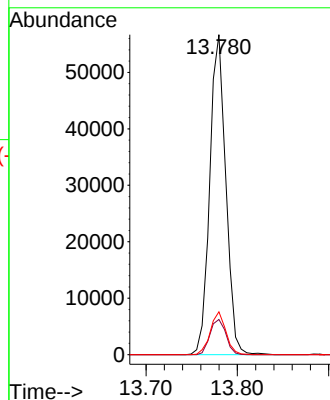
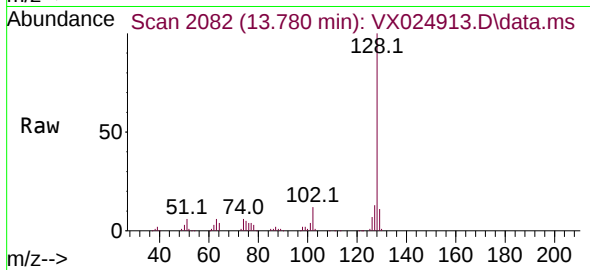




#71
Naphthalene
Concen: 5.049 ug/L
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX024913.D
Acq: 25 Oct 2021 16:25

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:128 Resp: 69041
Ion Ratio Lower Upper
128 100
129 10.9 9.7 14.5
127 13.0 10.6 15.8



#72
1,2,3-Trichlorobenzene
Concen: 5.066 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX024913.D
Acq: 25 Oct 2021 16:25

Tgt Ion:180 Resp: 34583
Ion Ratio Lower Upper
180 100
182 92.8 77.1 115.7
145 39.4 29.4 44.0

