

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120624\
 Data File : VX044172.D
 Acq On : 06 Dec 2024 16:22
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 07 03:59:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120524WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 07 03:56:15 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.751	114	184597	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.049	117	165459	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	76490	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	82447	48.806	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	97.620%		
7) Chloroethane-d5	1.642	69	61359	46.889	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	93.780%		
11) 1,1-Dichloroethene-d2	2.294	65	34695	48.024	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	96.040%		
21) 2-Butanone-d5	4.453	46	120104	116.125	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	116.130%		
24) Chloroform-d	5.044	84	160337	49.989	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.980%		
26) 1,2-Dichloroethane-d4	5.946	65	109163	48.127	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.260%		
32) Benzene-d6	5.964	84	272402	47.647	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.300%		
36) 1,2-Dichloropropane-d6	7.300	67	87025	49.022	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	98.040%		
41) Toluene-d8	8.641	98	251267	47.533	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.060%		
43) trans-1,3-Dichloroprop...	8.946	79	41943	49.166	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	98.340%		
47) 2-Hexanone-d5	9.379	63	79618	115.027	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	115.030%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	127749	53.668	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	107.340%		
66) 1,2-Dichlorobenzene-d4	12.317	152	88705	49.773	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	99.540%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	66997	44.754	ug/L	99
3) Chloromethane	1.295	50	58012	42.007	ug/L	99
5) Vinyl chloride	1.374	62	66503	44.634	ug/L	96
6) Bromomethane	1.593	94	44223	43.669	ug/L	100
8) Chloroethane	1.666	64	46423	47.064	ug/L	97
9) Trichlorofluoromethane	1.868	101	118120	42.549	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	55801	45.641	ug/L	93
12) 1,1-Dichloroethene	2.307	96	47948	44.061	ug/L #	50
13) Acetone	2.380	43	73596	79.969	ug/L	91
14) Carbon disulfide	2.502	76	84763	41.117	ug/L	98
15) Methyl Acetate	2.703	43	70627	47.325	ug/L	97
16) Methylene chloride	2.782	84	56366	45.010	ug/L	93
17) trans-1,2-Dichloroethene	3.081	96	48852	43.103	ug/L	97
18) Methyl tert-butyl Ether	3.111	73	201339	44.025	ug/L	96
19) 1,1-Dichloroethane	3.599	63	101913	42.862	ug/L	98
20) cis-1,2-Dichloroethene	4.477	96	60956	43.994	ug/L	95
22) 2-Butanone	4.550	43	99588	89.656	ug/L	98
23) Bromochloromethane	4.891	128	29629	43.850	ug/L	90
25) Chloroform	5.080	83	115613	43.203	ug/L	97

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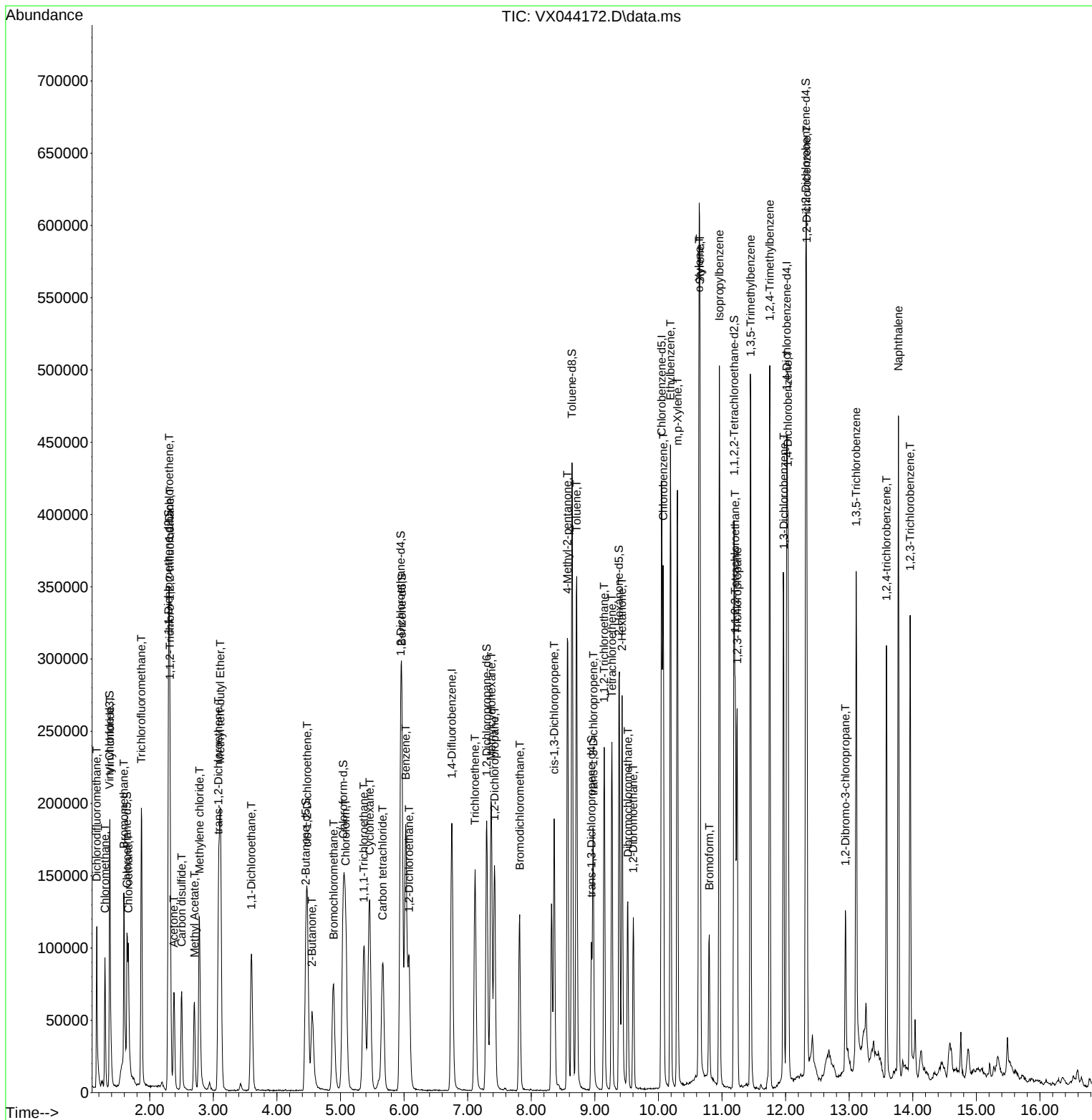
Instrument :
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 ClientSampleId :

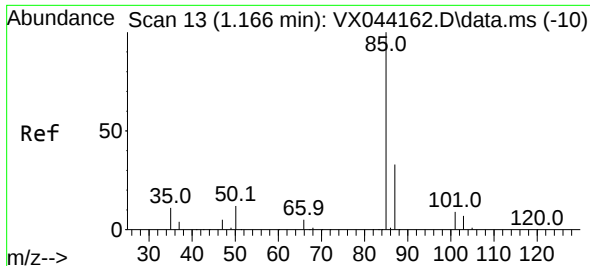
Quant Time: Dec 07 03:59:16 2024
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 Quant Title : VOC Analysis
 QLast Update : Sat Dec 07 03:56:15 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.080	62	96770	43.498	ug/L #	94
29) Cyclohexane	5.458	56	89544	43.618	ug/L	97
30) 1,1,1-Trichloroethane	5.367	97	98854	44.013	ug/L	97
31) Carbon tetrachloride	5.660	117	77035	43.789	ug/L	100
33) Benzene	6.025	78	213841	42.559	ug/L	100
34) Trichloroethene	7.117	95	58021	42.296	ug/L	98
35) Methylcyclohexane	7.373	83	88279	44.423	ug/L	98
37) 1,2-Dichloropropane	7.422	63	58086	43.053	ug/L #	93
38) Bromodichloromethane	7.818	83	76524	43.292	ug/L	96
39) cis-1,3-Dichloropropene	8.360	75	89584	42.393	ug/L	99
40) 4-Methyl-2-pentanone	8.568	43	194153	92.953	ug/L	95
42) Toluene	8.714	91	226361	42.518	ug/L	97
44) trans-1,3-Dichloropropene	8.976	75	87118	43.495	ug/L	98
45) 1,1,2-Trichloroethane	9.147	97	58813	42.538	ug/L	97
46) Tetrachloroethene	9.269	164	40107	43.829	ug/L	95
48) 2-Hexanone	9.427	43	153252	93.186	ug/L	92
49) Dibromochloromethane	9.519	129	52417	42.891	ug/L	99
50) 1,2-Dibromoethane	9.604	107	63425	44.420	ug/L	99
51) Chlorobenzene	10.073	112	145071	42.473	ug/L	97
52) Ethylbenzene	10.189	91	255689	43.601	ug/L	100
53) m,p-Xylene	10.299	106	93375	43.961	ug/L	99
54) o-Xylene	10.640	106	94826	43.414	ug/L	99
55) Styrene	10.653	104	156495	43.930	ug/L	97
57) 1,1,2,2-Tetrachloroethane	11.207	83	94313	43.973	ug/L	98
59) Bromoform	10.799	173	32843	42.793	ug/L	98
60) Isopropylbenzene	10.957	105	257013	43.544	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	77619	43.813	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	212035	43.288	ug/L	97
63) 1,2,4-Trimethylbenzene	11.750	105	208517	43.376	ug/L	99
64) 1,3-Dichlorobenzene	11.970	146	104276	42.599	ug/L	96
65) 1,4-Dichlorobenzene	12.037	146	104628	42.713	ug/L	98
67) 1,2-Dichlorobenzene	12.329	146	104758	42.149	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.939	75	19305	47.946	ug/L	96
69) 1,3,5-Trichlorobenzene	13.110	180	67201	44.002	ug/L	98
70) 1,2,4-trichlorobenzene	13.585	180	60759	44.663	ug/L	98
71) Naphthalene	13.774	128	254569	45.899	ug/L	98
72) 1,2,3-Trichlorobenzene	13.957	180	62931	43.546	ug/L	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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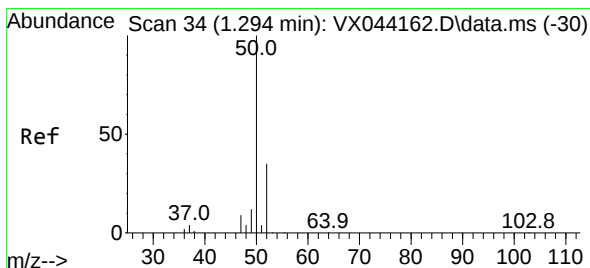
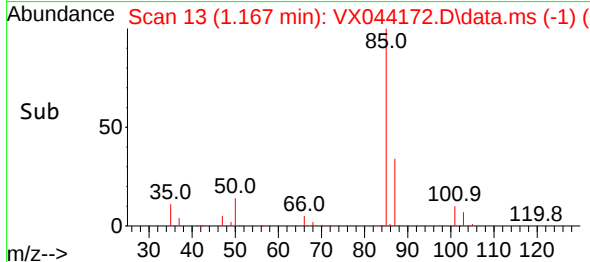
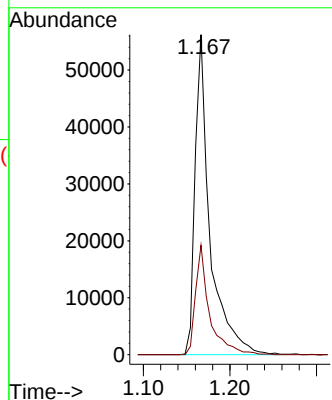
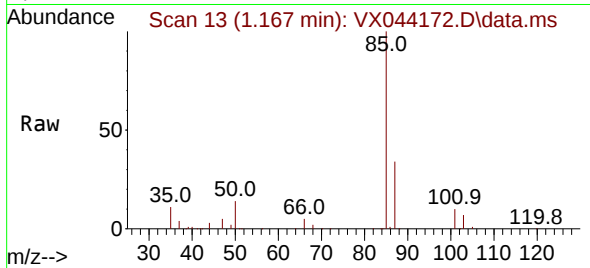




#2
Dichlorodifluoromethane
Concen: 44.754 ug/L
RT: 1.167 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX044172.D
Acq: 06 Dec 2024 16:22

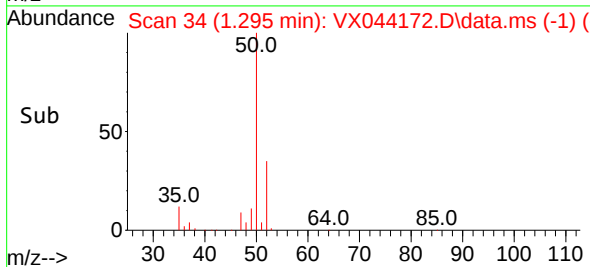
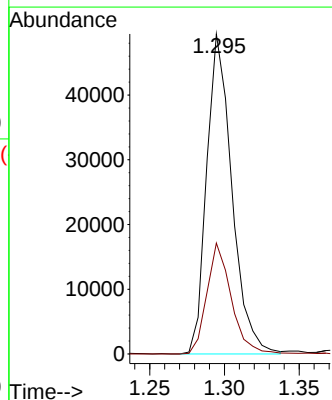
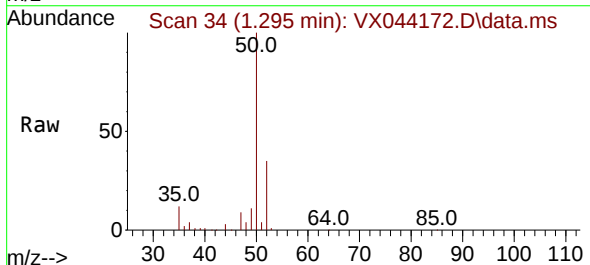
Instrument :
MSVOA_X
ClientSampleId :

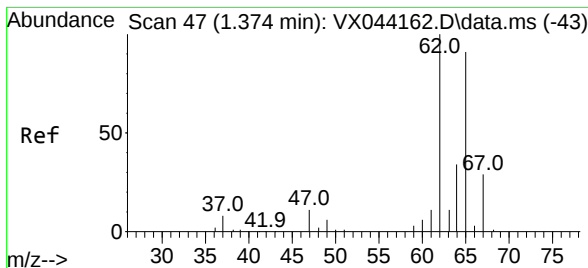
Tgt Ion: 85 Resp: 66997
Ion Ratio Lower Upper
85 100
87 32.2 26.1 39.1



#3
Chloromethane
Concen: 42.007 ug/L
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX044172.D
Acq: 06 Dec 2024 16:22

Tgt Ion: 50 Resp: 58012
Ion Ratio Lower Upper
50 100
52 34.6 23.9 44.3





#5

Vinyl chloride

Concen: 44.634 ug/L

RT: 1.374 min Scan# 41

Delta R.T. 0.000 min

Lab File: VX044172.D

Acq: 06 Dec 2024 16:22

Instrument :

MSVOA_X

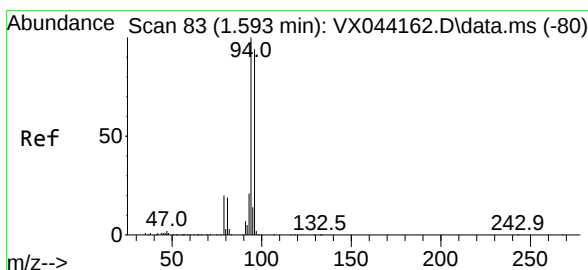
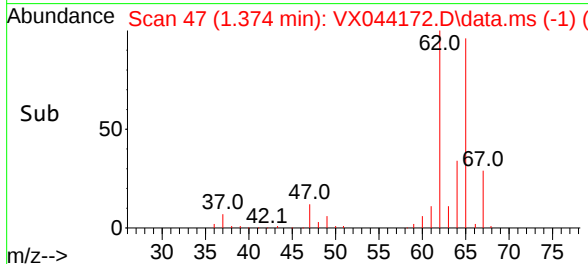
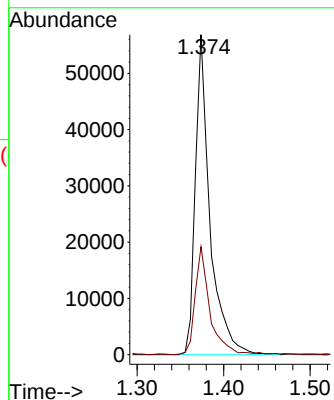
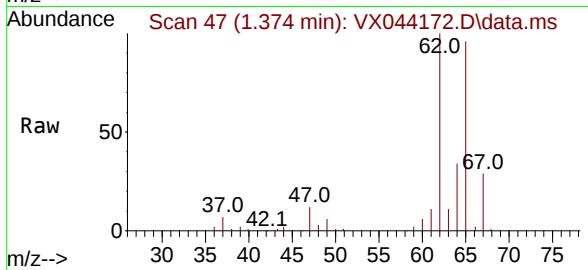
ClientSampleId :

Tgt Ion: 62 Resp: 66503

Ion Ratio Lower Upper

62 100

64 33.8 22.2 41.2



#6

Bromomethane

Concen: 43.669 ug/L

RT: 1.593 min Scan# 83

Delta R.T. 0.000 min

Lab File: VX044172.D

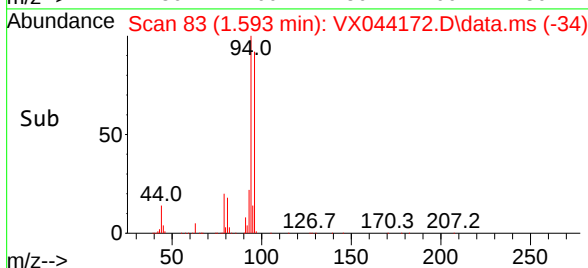
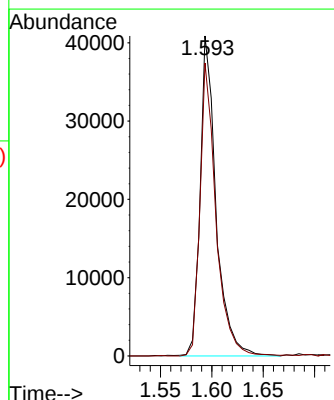
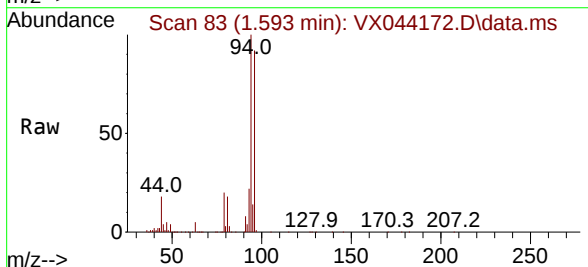
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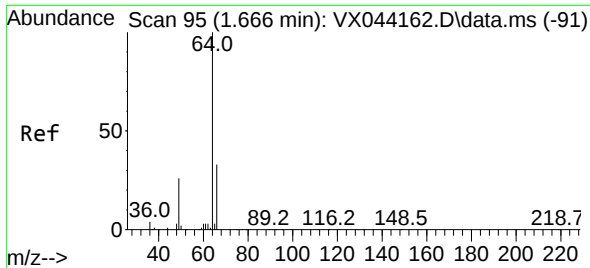
Tgt Ion: 94 Resp: 44223

Ion Ratio Lower Upper

94 100

96 91.6 64.2 119.2

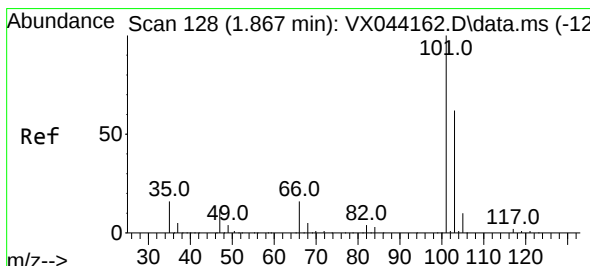
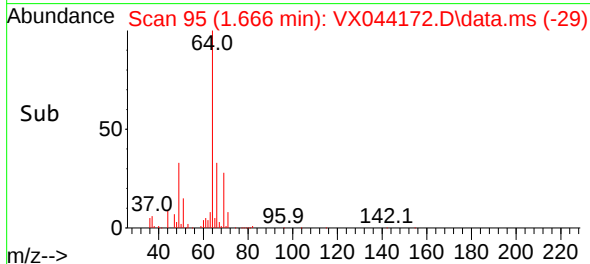
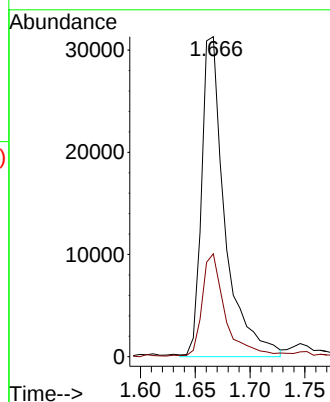
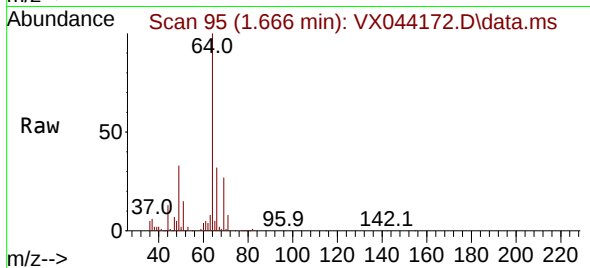




#8
Chloroethane
Concen: 47.064 ug/L
RT: 1.666 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX044172.D
Acq: 06 Dec 2024 16:22

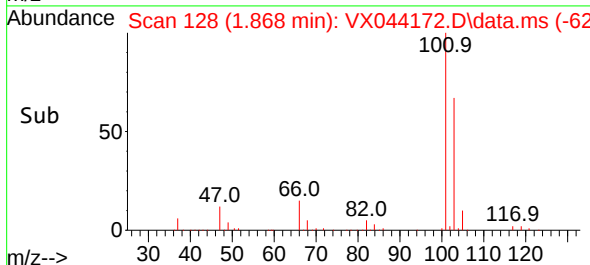
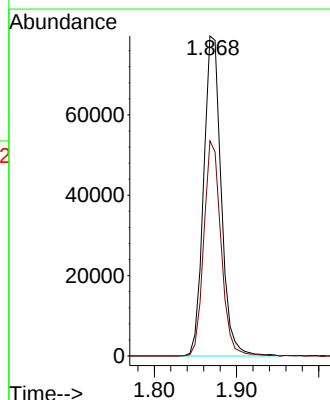
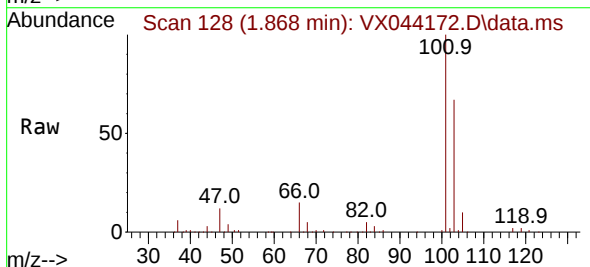
Instrument :
MSVOA_X
ClientSampleId :

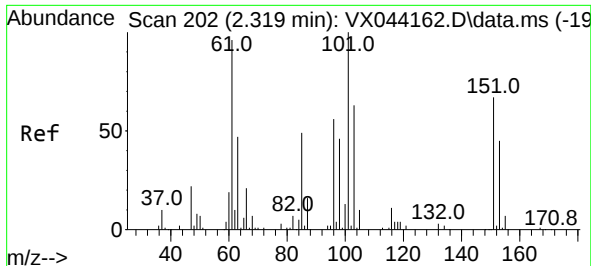
Tgt Ion: 64 Resp: 46423
Ion Ratio Lower Upper
64 100
66 32.1 21.5 39.9



#9
Trichlorofluoromethane
Concen: 42.549 ug/L
RT: 1.868 min Scan# 128
Delta R.T. 0.000 min
Lab File: VX044172.D
Acq: 06 Dec 2024 16:22

Tgt Ion:101 Resp: 118120
Ion Ratio Lower Upper
101 100
103 65.4 50.8 76.2

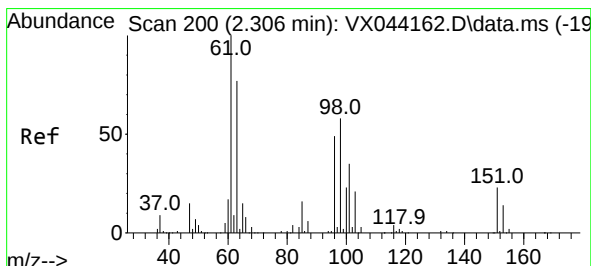
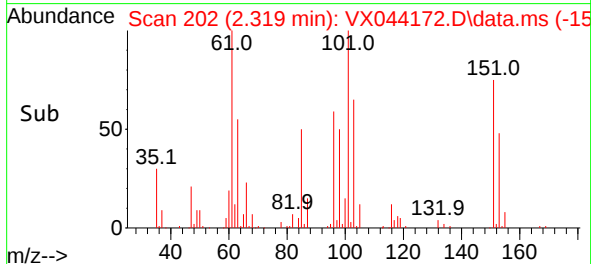
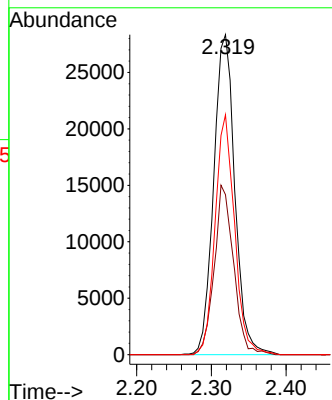
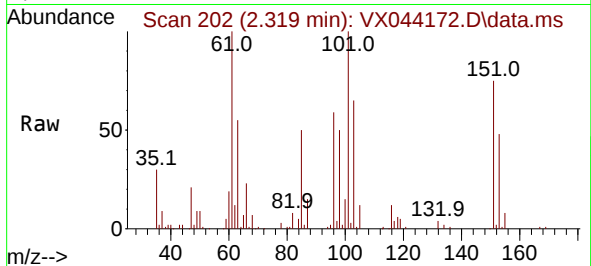




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 45.641 ug/L
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX044172.D
Acq: 06 Dec 2024 16:22

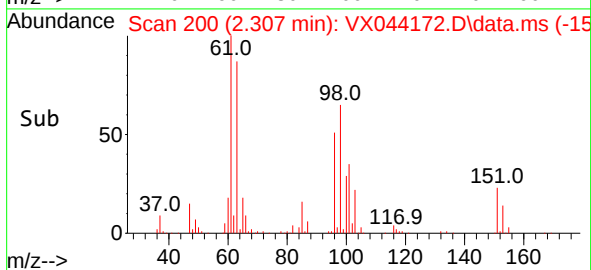
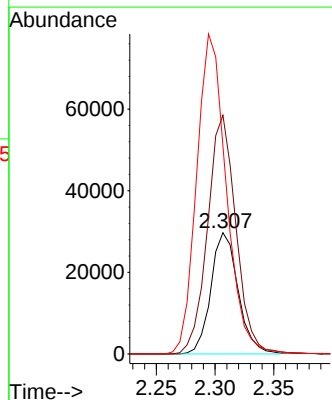
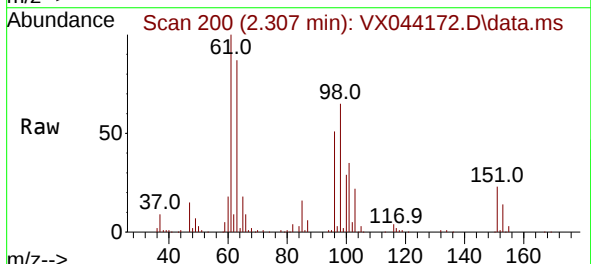
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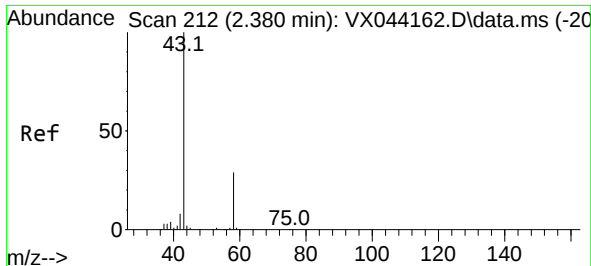
Tgt Ion:101 Resp: 55801
Ion Ratio Lower Upper
101 100
85 48.5 33.9 50.9
151 69.1 58.5 87.7



#12
1,1-Dichloroethene
Concen: 44.061 ug/L
RT: 2.307 min Scan# 200
Delta R.T. 0.000 min
Lab File: VX044172.D
Acq: 06 Dec 2024 16:22

Tgt Ion: 96 Resp: 47948
Ion Ratio Lower Upper
96 100
61 196.7 109.3 203.1
63 171.5 65.7 122.1#

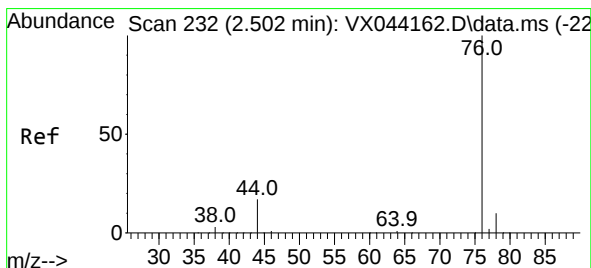
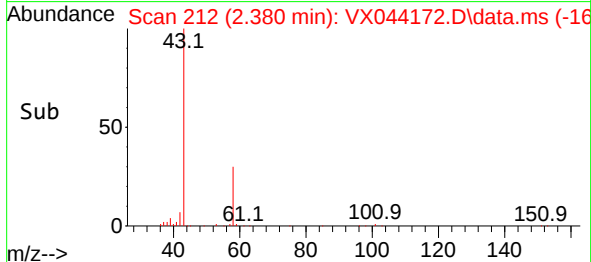
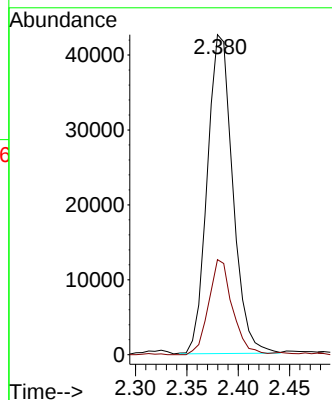
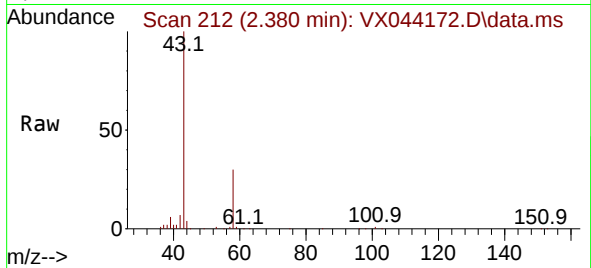




#13
Acetone
Concen: 79.969 ug/L
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX044172.D
Acq: 06 Dec 2024 16:22

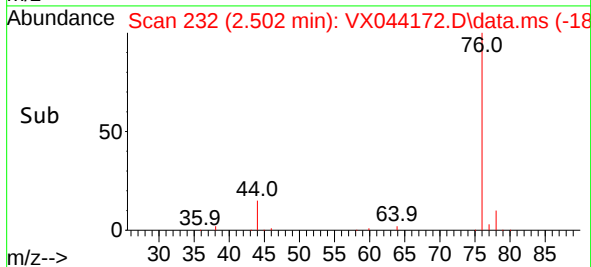
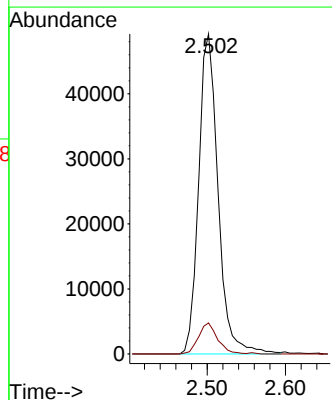
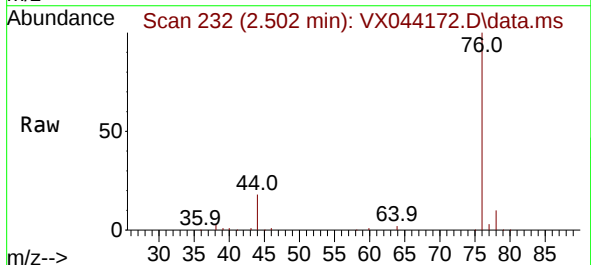
Instrument :
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ClientSampleId :

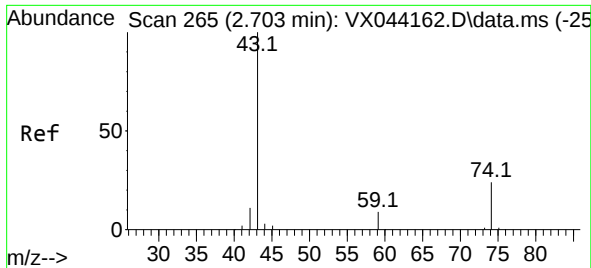
Tgt Ion: 43 Resp: 73596
Ion Ratio Lower Upper
43 100
58 27.8 0.0 66.0



#14
Carbon disulfide
Concen: 41.117 ug/L
RT: 2.502 min Scan# 232
Delta R.T. 0.000 min
Lab File: VX044172.D
Acq: 06 Dec 2024 16:22

Tgt Ion: 76 Resp: 84763
Ion Ratio Lower Upper
76 100
78 9.7 7.2 10.8

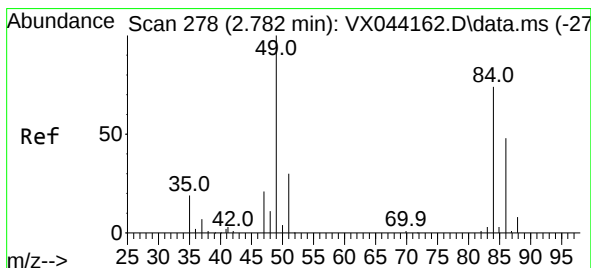
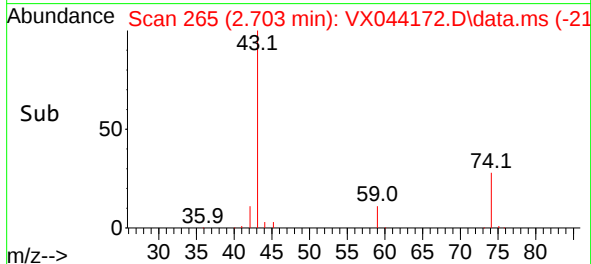
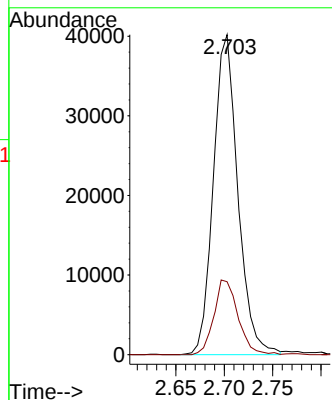
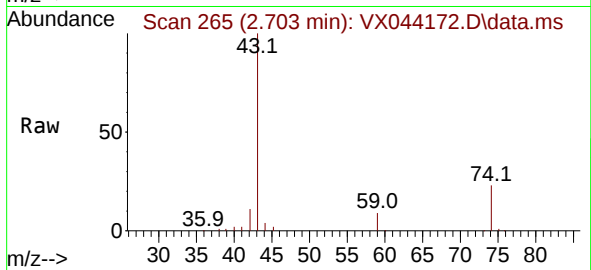




#15
Methyl Acetate
Concen: 47.325 ug/L
RT: 2.703 min Scan# 206
Delta R.T. 0.000 min
Lab File: VX044172.D
Acq: 06 Dec 2024 16:22

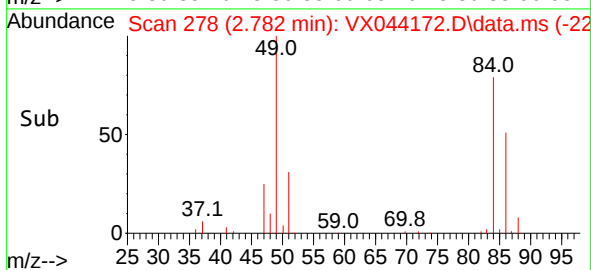
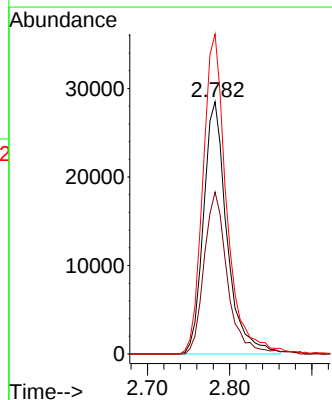
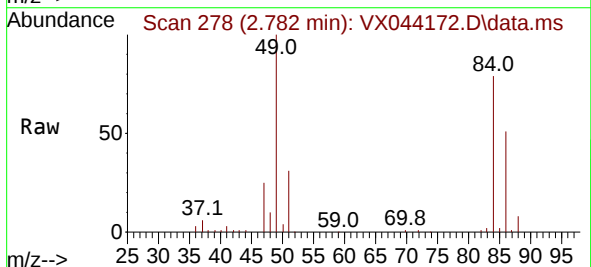
Instrument :
MSVOA_X
ClientSampleId :

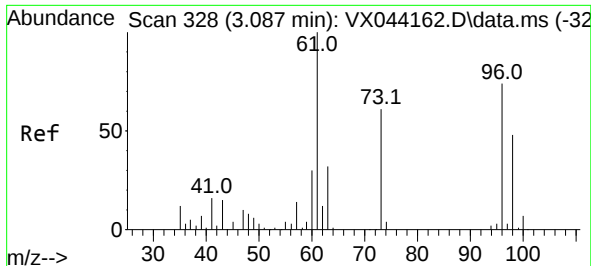
Tgt Ion: 43 Resp: 70627
Ion Ratio Lower Upper
43 100
74 23.0 19.4 29.2



#16
Methylene chloride
Concen: 45.010 ug/L
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX044172.D
Acq: 06 Dec 2024 16:22

Tgt Ion: 84 Resp: 56366
Ion Ratio Lower Upper
84 100
86 64.3 46.0 85.4
49 126.9 80.8 150.2

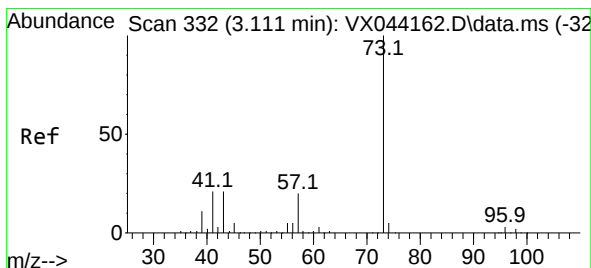
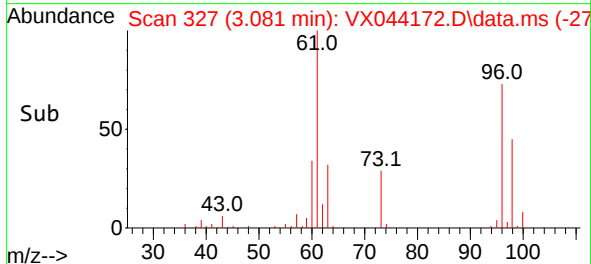
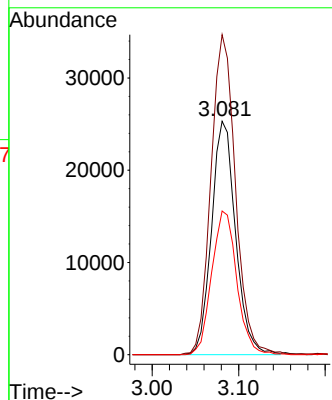
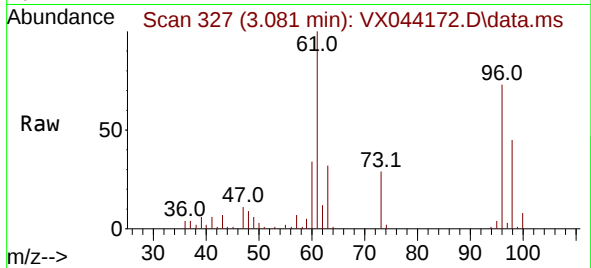




#17
trans-1,2-Dichloroethene
Concen: 43.103 ug/L
RT: 3.081 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX044172.D
Acq: 06 Dec 2024 16:22

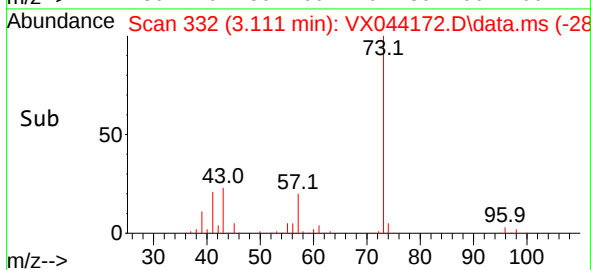
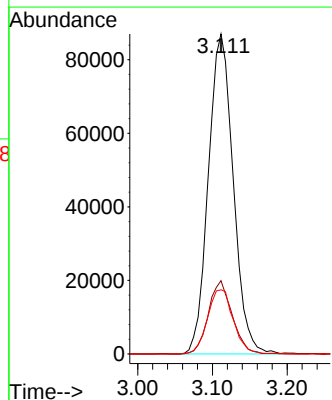
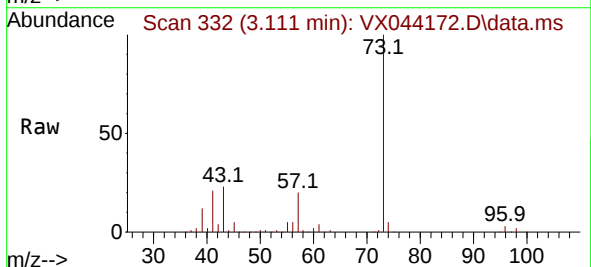
Instrument :
MSVOA_X
ClientSampleId :

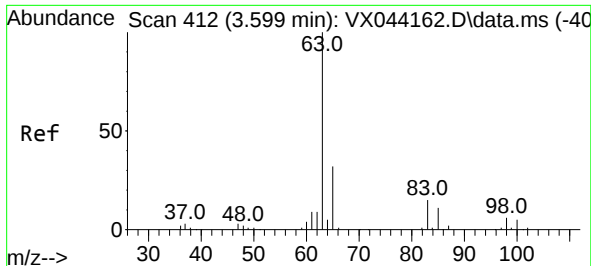
Tgt Ion: 96 Resp: 48852
Ion Ratio Lower Upper
96 100
61 137.1 95.7 177.7
98 61.5 47.2 87.6



#18
Methyl tert-butyl Ether
Concen: 44.025 ug/L
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX044172.D
Acq: 06 Dec 2024 16:22

Tgt Ion: 73 Resp: 201339
Ion Ratio Lower Upper
73 100
43 21.9 15.2 22.8
57 20.7 17.0 25.6





#19

1,1-Dichloroethane

Concen: 42.862 ug/L

RT: 3.599 min Scan# 412

Delta R.T. 0.000 min

Lab File: VX044172.D

Acq: 06 Dec 2024 16:22

Instrument :

MSVOA_X

ClientSampleId :

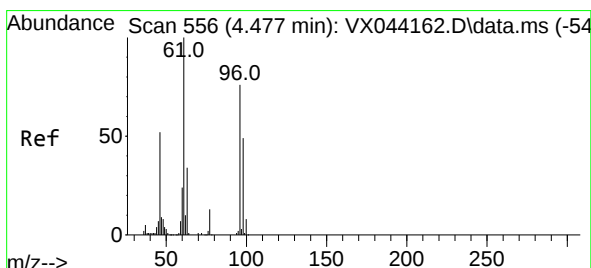
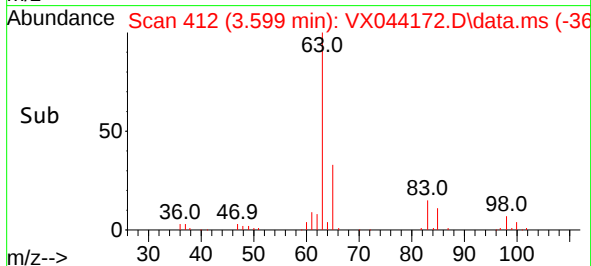
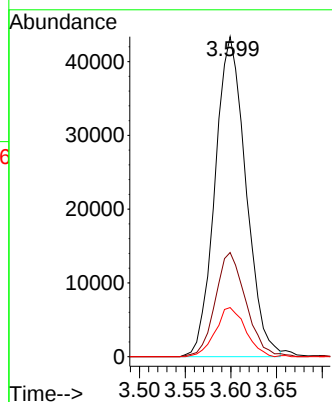
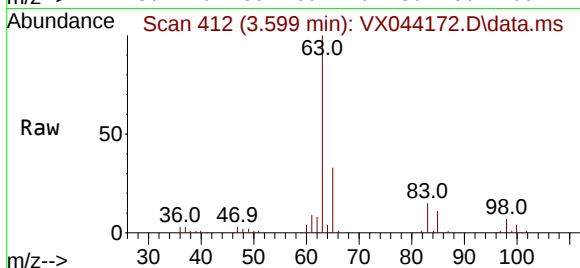
Tgt Ion: 63 Resp: 101913

Ion Ratio Lower Upper

63 100

65 32.6 23.2 43.2

83 15.4 10.0 18.6



#20

cis-1,2-Dichloroethene

Concen: 43.994 ug/L

RT: 4.477 min Scan# 556

Delta R.T. 0.000 min

Lab File: VX044172.D

Acq: 06 Dec 2024 16:22

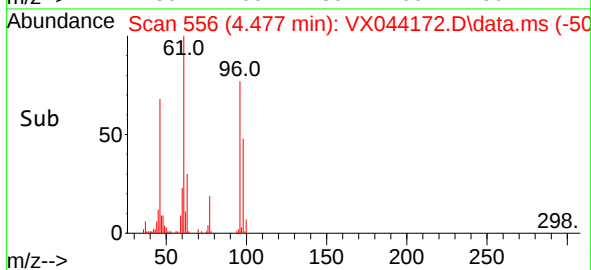
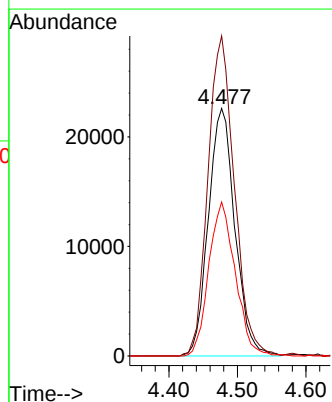
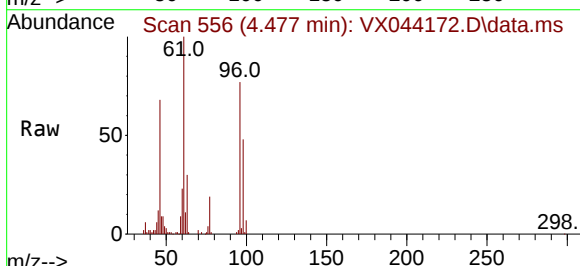
Tgt Ion: 96 Resp: 60956

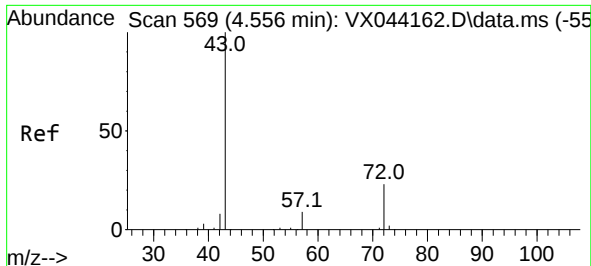
Ion Ratio Lower Upper

96 100

61 129.3 85.0 158.0

98 62.2 44.6 82.8

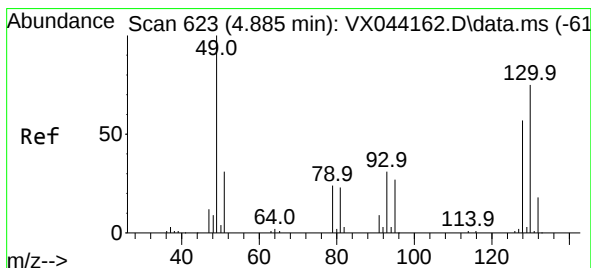
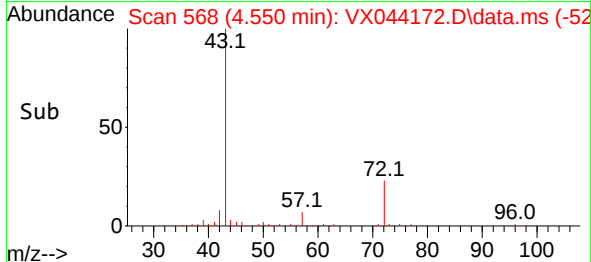
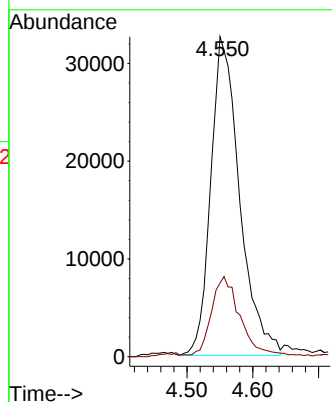
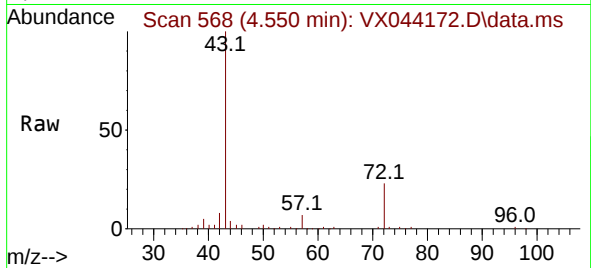




#22
2-Butanone
Concen: 89.656 ug/L
RT: 4.550 min Scan# 50
Delta R.T. -0.006 min
Lab File: VX044172.D
Acq: 06 Dec 2024 16:22

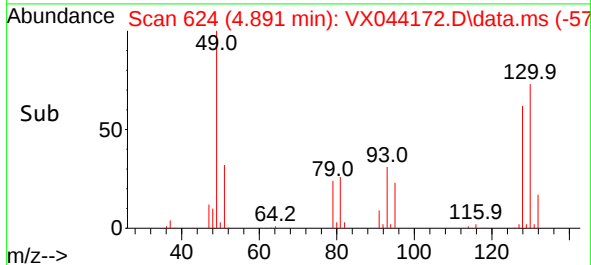
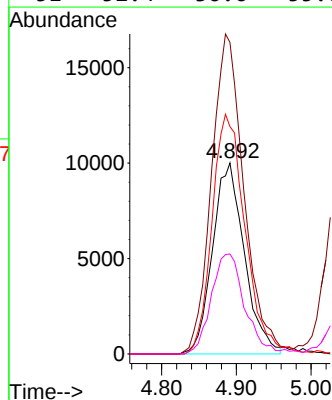
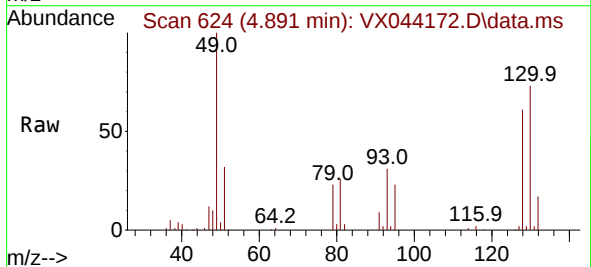
Instrument :
MSVOA_X
ClientSampleId :

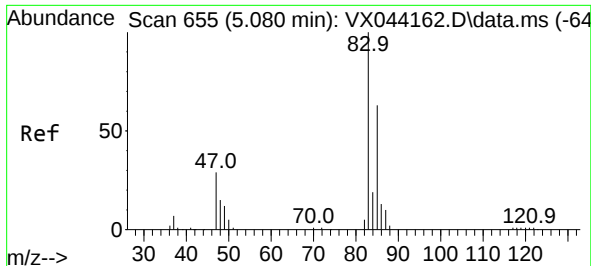
Tgt Ion: 43 Resp: 99588
Ion Ratio Lower Upper
43 100
72 25.4 13.1 39.3



#23
Bromochloromethane
Concen: 43.850 ug/L
RT: 4.891 min Scan# 624
Delta R.T. 0.006 min
Lab File: VX044172.D
Acq: 06 Dec 2024 16:22

Tgt Ion:128 Resp: 29629
Ion Ratio Lower Upper
128 100
49 163.1 103.7 192.5
130 119.1 89.1 165.5
51 52.4 36.6 55.0

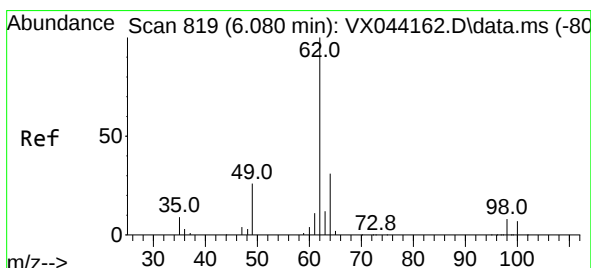
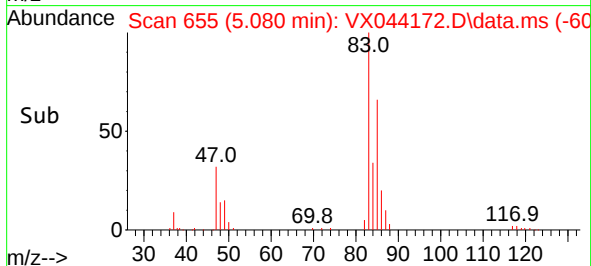
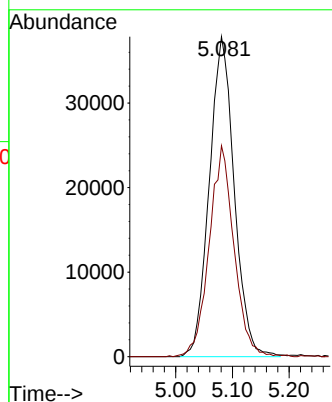
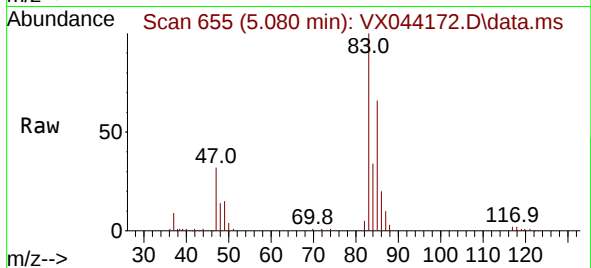




#25
Chloroform
Concen: 43.203 ug/L
RT: 5.080 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX044172.D
Acq: 06 Dec 2024 16:22

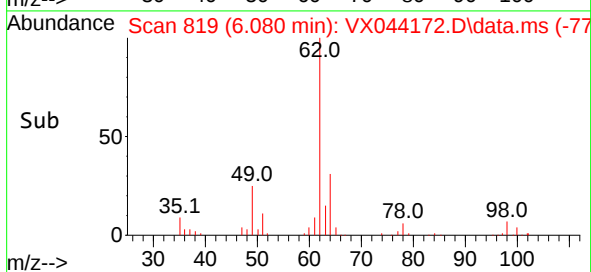
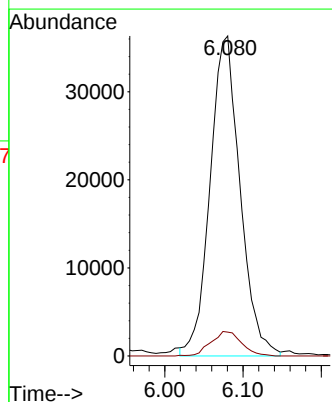
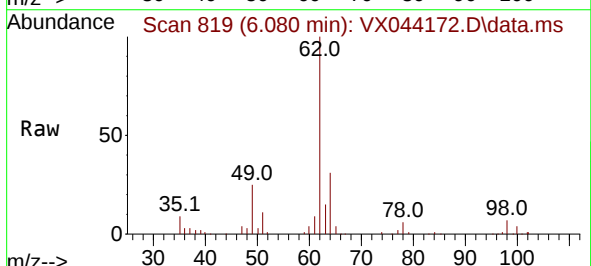
Instrument :
MSVOA_X
ClientSampleId :

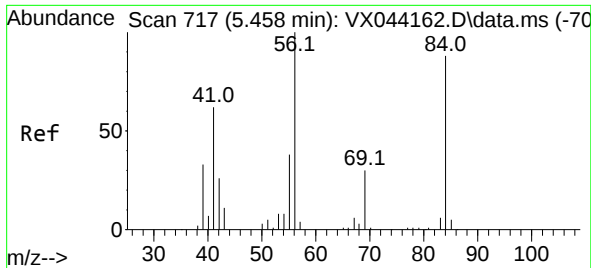
Tgt Ion: 83 Resp: 115613
Ion Ratio Lower Upper
83 100
85 65.9 47.7 88.7



#27
1,2-Dichloroethane
Concen: 43.498 ug/L
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX044172.D
Acq: 06 Dec 2024 16:22

Tgt Ion: 62 Resp: 96770
Ion Ratio Lower Upper
62 100
98 7.5 7.7 11.5#





#29

Cyclohexane

Concen: 43.618 ug/L

RT: 5.458 min Scan# 717

Delta R.T. 0.000 min

Lab File: VX044172.D

Acq: 06 Dec 2024 16:22

Instrument :

MSVOA_X

ClientSampleId :

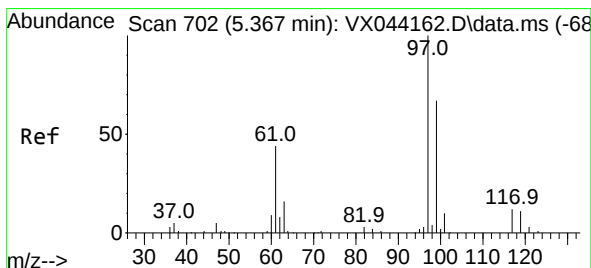
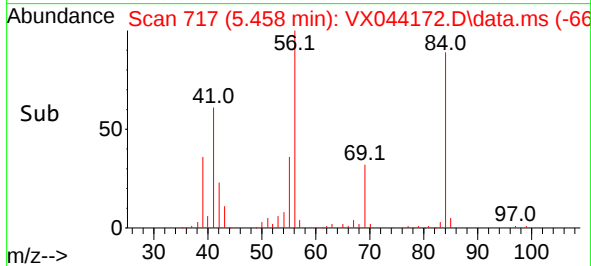
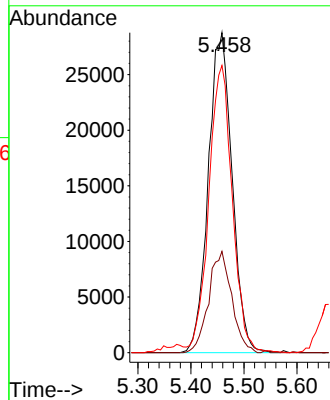
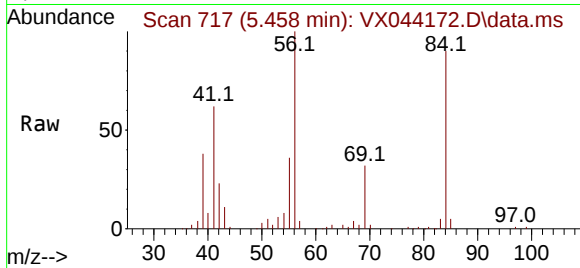
Tgt Ion: 56 Resp: 89544

Ion Ratio Lower Upper

56 100

69 30.8 25.1 37.7

84 88.1 72.9 109.3



#30

1,1,1-Trichloroethane

Concen: 44.013 ug/L

RT: 5.367 min Scan# 702

Delta R.T. 0.000 min

Lab File: VX044172.D

Acq: 06 Dec 2024 16:22

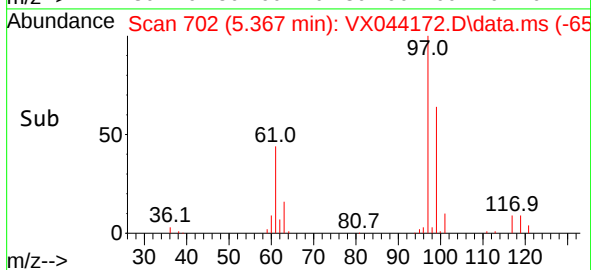
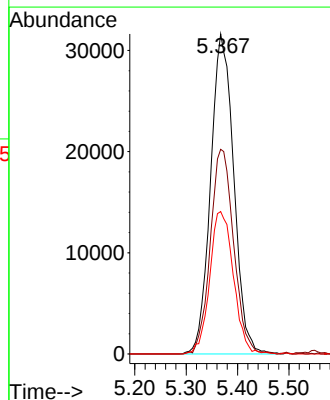
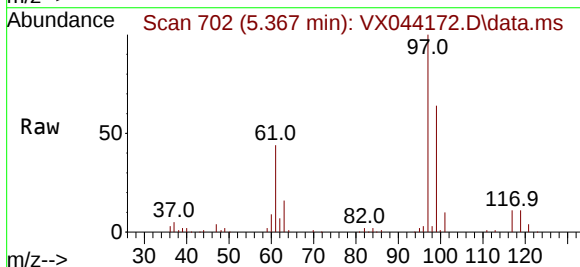
Tgt Ion: 97 Resp: 98854

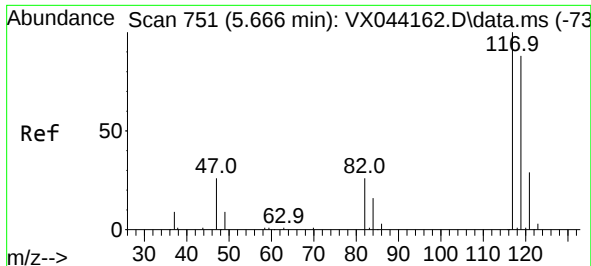
Ion Ratio Lower Upper

97 100

99 64.3 52.2 78.2

61 45.2 32.8 49.2

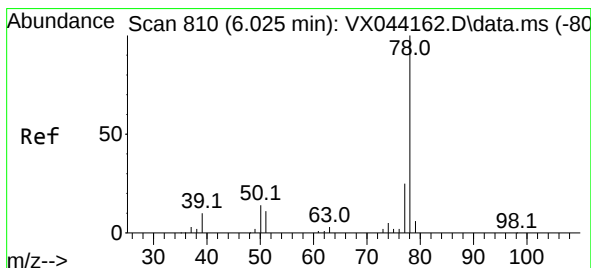
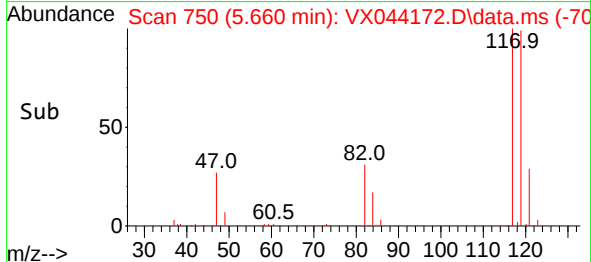
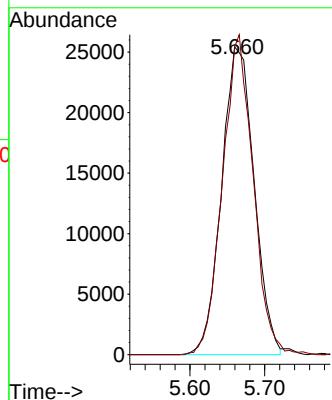
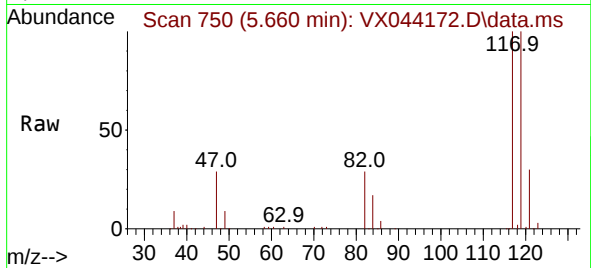




#31
Carbon tetrachloride
Concen: 43.789 ug/L
RT: 5.660 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX044172.D
Acq: 06 Dec 2024 16:22

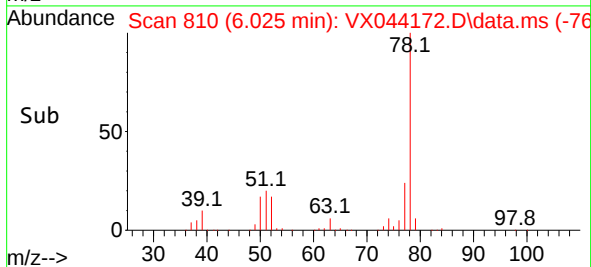
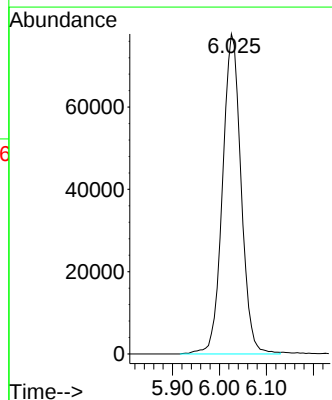
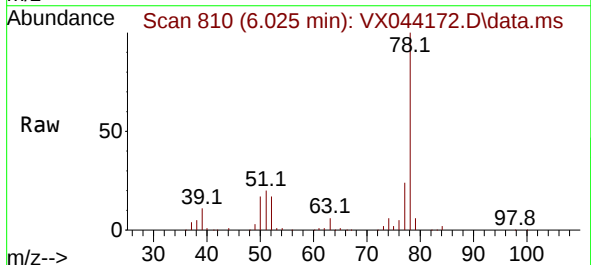
Instrument :
MSVOA_X
ClientSampleId :

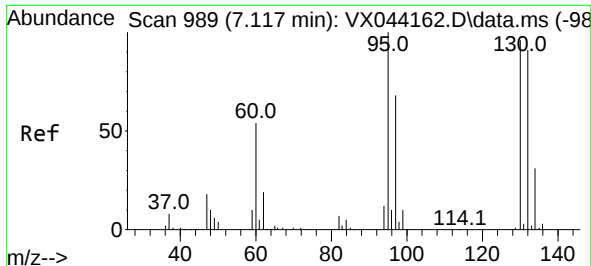
Tgt Ion:117 Resp: 77035
Ion Ratio Lower Upper
117 100
119 97.1 77.7 116.5



#33
Benzene
Concen: 42.559 ug/L
RT: 6.025 min Scan# 810
Delta R.T. 0.000 min
Lab File: VX044172.D
Acq: 06 Dec 2024 16:22

Tgt Ion: 78 Resp: 213841



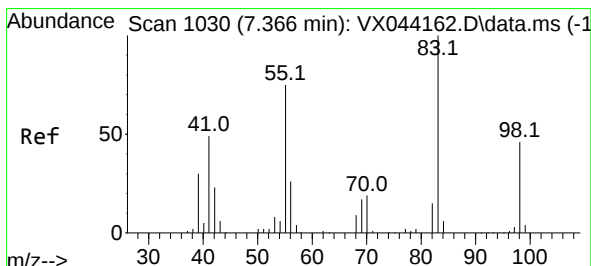
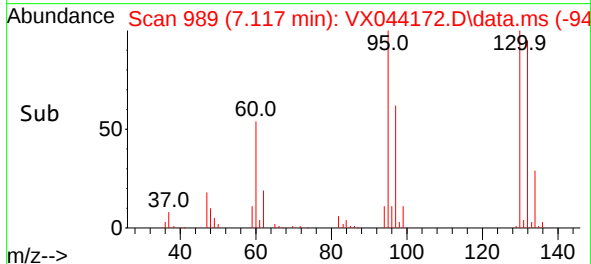
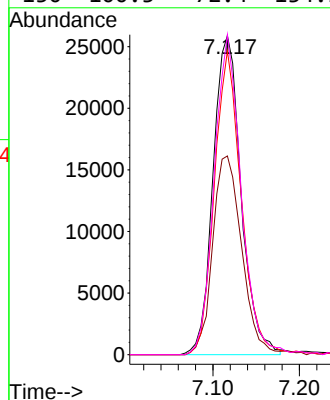
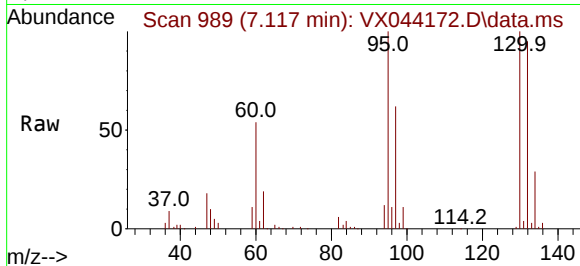


#34
Trichloroethene
Concen: 42.296 ug/L
RT: 7.117 min Scan# 989
Delta R.T. 0.000 min
Lab File: VX044172.D
Acq: 06 Dec 2024 16:22

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 95 Resp: 58021

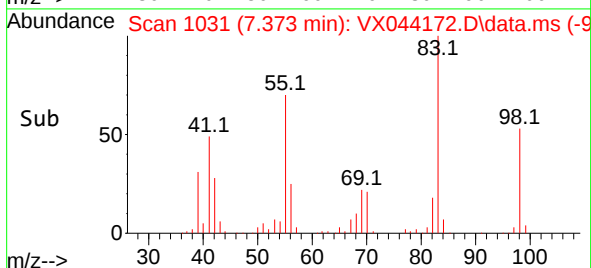
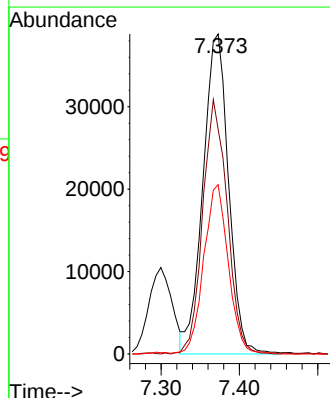
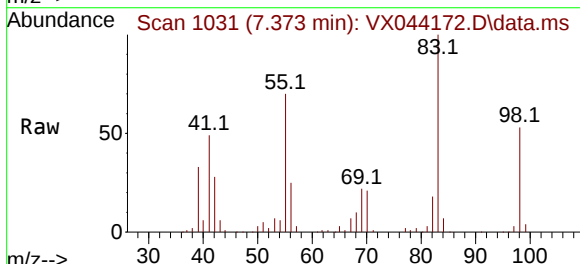
Ion	Ratio	Lower	Upper
95	100		
97	62.3	45.0	83.6
132	95.2	66.6	123.8
130	100.3	72.4	134.5

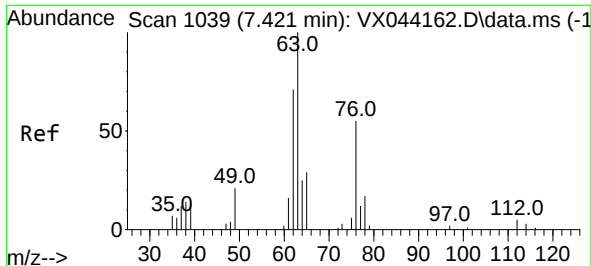


#35
Methylcyclohexane
Concen: 44.423 ug/L
RT: 7.373 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VX044172.D
Acq: 06 Dec 2024 16:22

Tgt Ion: 83 Resp: 88279

Ion	Ratio	Lower	Upper
83	100		
55	75.7	58.5	87.7
98	50.8	40.5	60.7





#37

1,2-Dichloropropane

Concen: 43.053 ug/L

RT: 7.422 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VX044172.D

Acq: 06 Dec 2024 16:22

Instrument :

MSVOA_X

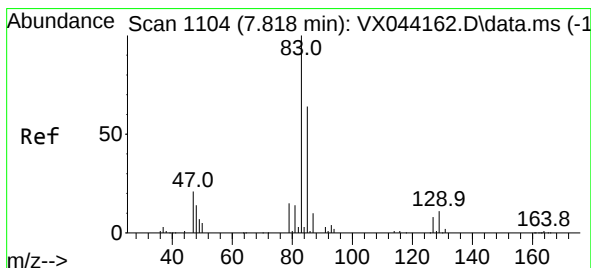
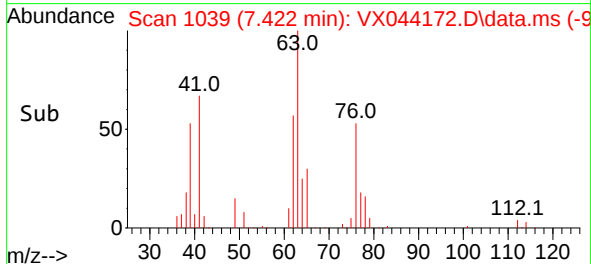
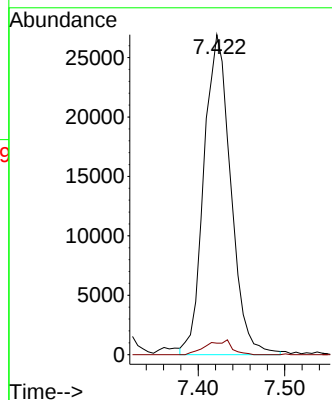
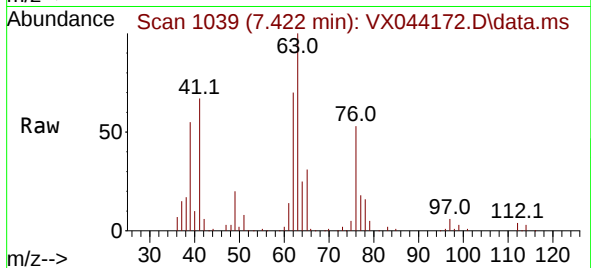
ClientSampleId :

Tgt Ion: 63 Resp: 58086

Ion Ratio Lower Upper

63 100

112 2.3 3.6 5.4#



#38

Bromodichloromethane

Concen: 43.292 ug/L

RT: 7.818 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VX044172.D

Acq: 06 Dec 2024 16:22

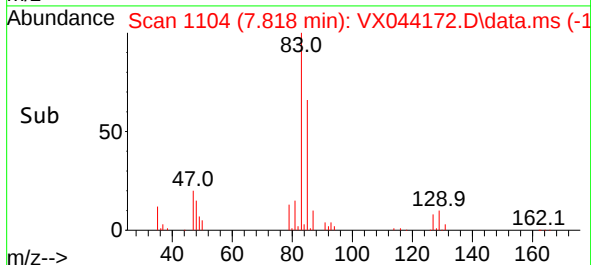
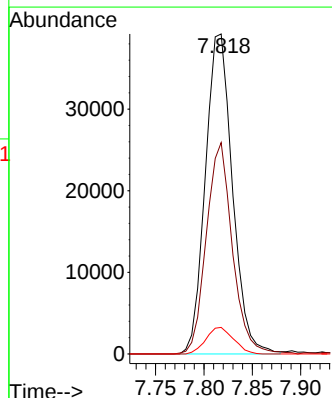
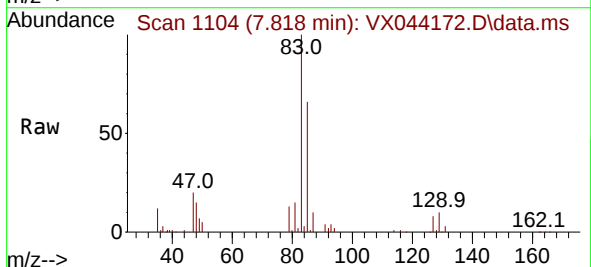
Tgt Ion: 83 Resp: 76524

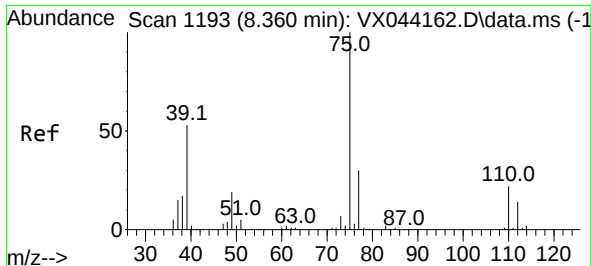
Ion Ratio Lower Upper

83 100

85 66.0 44.1 81.9

127 8.3 7.0 10.4





#39

cis-1,3-Dichloropropene

Concen: 42.393 ug/L

RT: 8.360 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VX044172.D

Acq: 06 Dec 2024 16:22

Instrument :

MSVOA_X

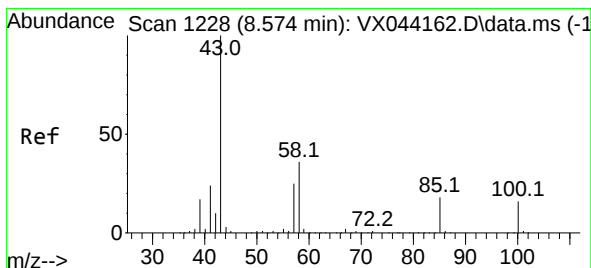
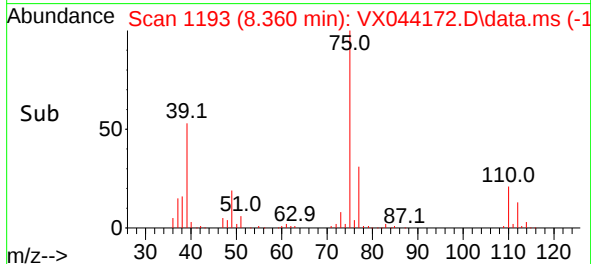
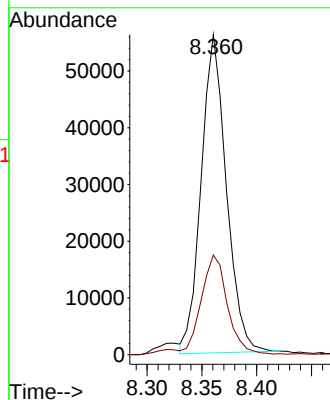
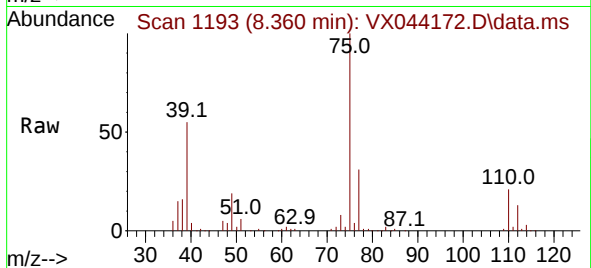
ClientSampleId :

Tgt Ion: 75 Resp: 89584

Ion Ratio Lower Upper

75 100

77 31.1 21.6 40.0



#40

4-Methyl-2-pentanone

Concen: 92.953 ug/L

RT: 8.568 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VX044172.D

Acq: 06 Dec 2024 16:22

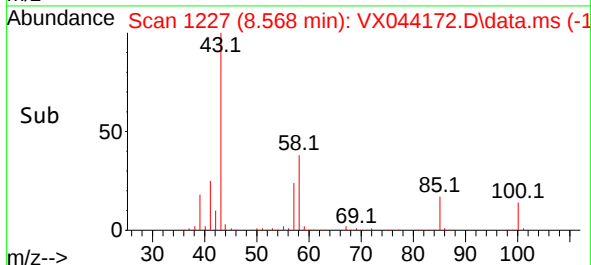
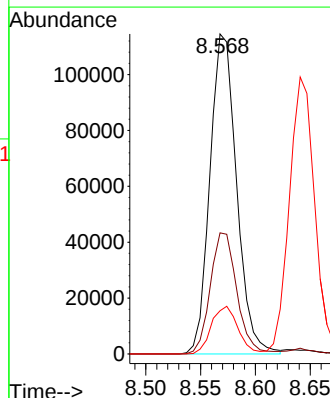
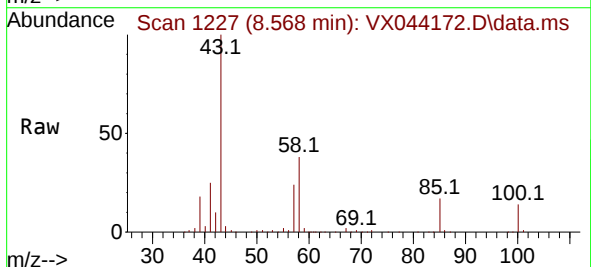
Tgt Ion: 43 Resp: 194153

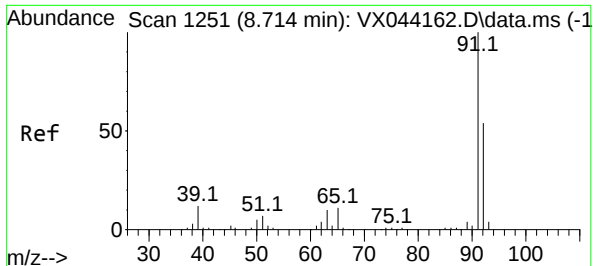
Ion Ratio Lower Upper

43 100

58 37.6 32.4 48.6

100 14.8 13.7 20.5





#42

Toluene

Concen: 42.518 ug/L

RT: 8.714 min Scan# 1251

Delta R.T. 0.000 min

Lab File: VX044172.D

Acq: 06 Dec 2024 16:22

Instrument :

MSVOA_X

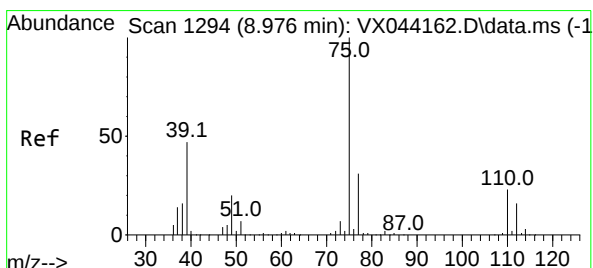
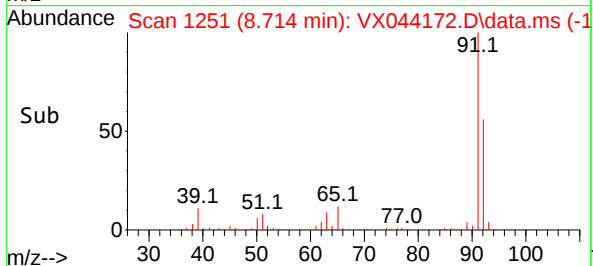
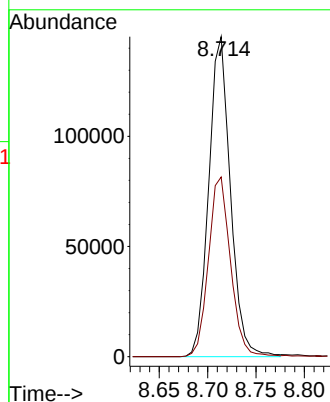
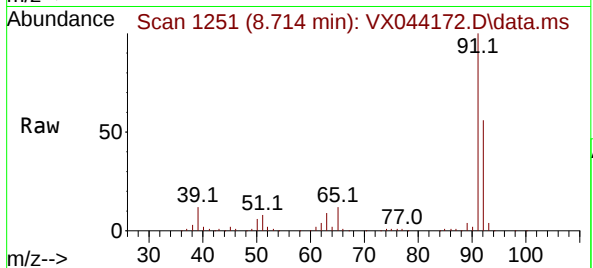
ClientSampleId :

Tgt Ion: 91 Resp: 226361

Ion Ratio Lower Upper

91 100

92 56.1 40.7 75.5



#44

trans-1,3-Dichloropropene

Concen: 43.495 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX044172.D

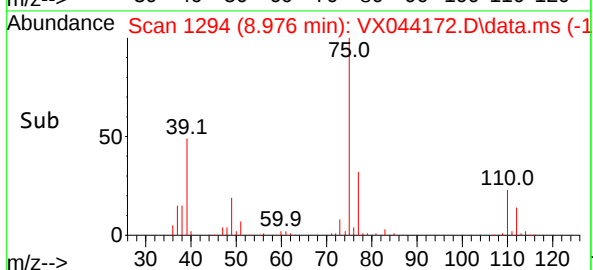
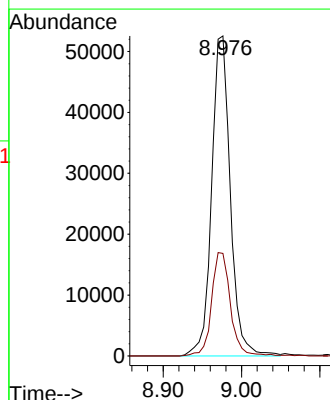
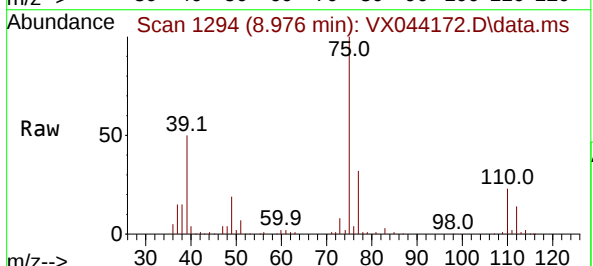
Acq: 06 Dec 2024 16:22

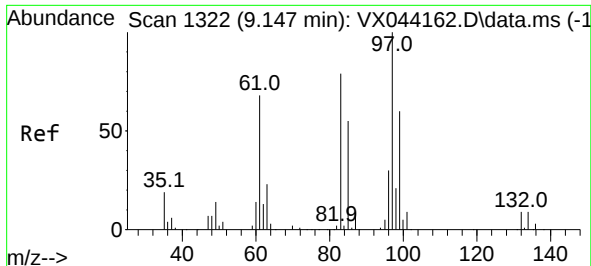
Tgt Ion: 75 Resp: 87118

Ion Ratio Lower Upper

75 100

77 32.1 21.8 40.6





#45

1,1,2-Trichloroethane

Concen: 42.538 ug/L

RT: 9.147 min Scan# 1322

Delta R.T. 0.000 min

Lab File: VX044172.D

Acq: 06 Dec 2024 16:22

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 97 Resp: 58813

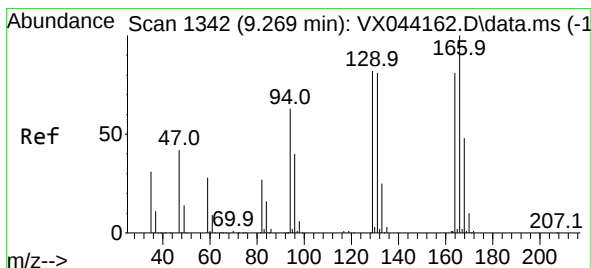
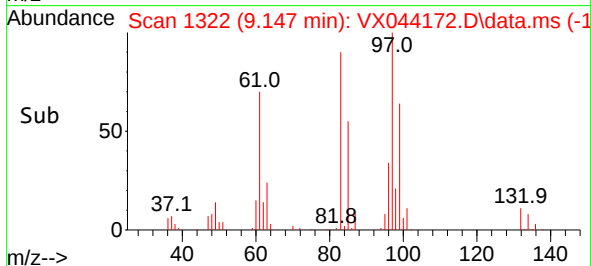
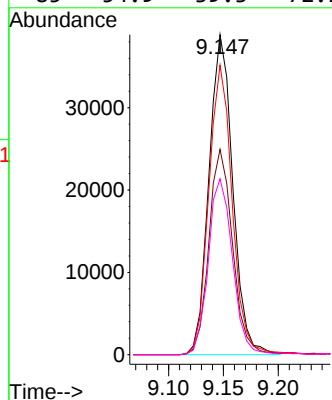
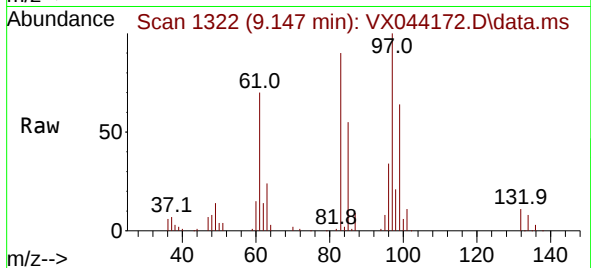
Ion Ratio Lower Upper

97 100

99 64.1 43.4 80.6

83 90.5 60.2 111.8

85 54.9 39.3 72.9



#46

Tetrachloroethene

Concen: 43.829 ug/L

RT: 9.269 min Scan# 1342

Delta R.T. 0.000 min

Lab File: VX044172.D

Acq: 06 Dec 2024 16:22

Tgt Ion:164 Resp: 40107

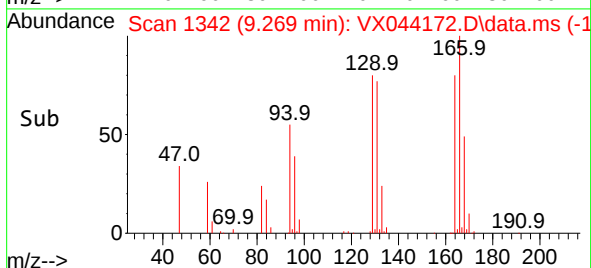
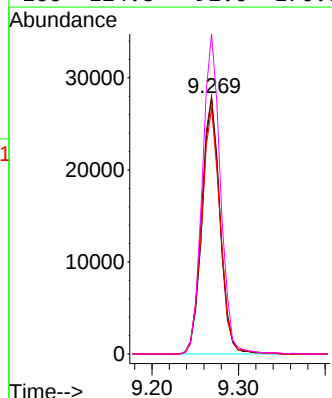
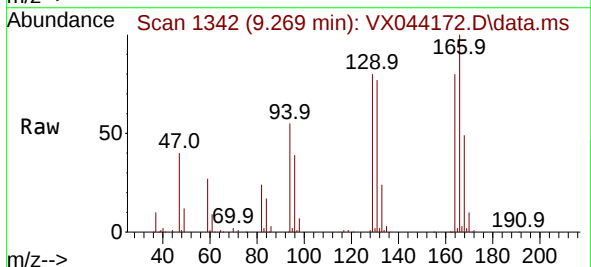
Ion Ratio Lower Upper

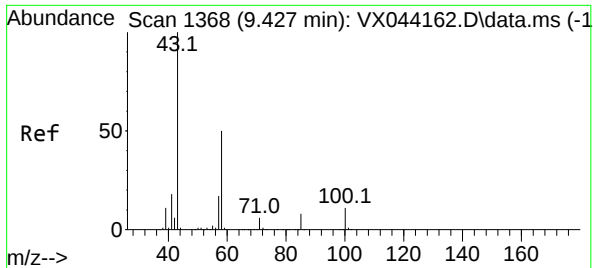
164 100

129 100.4 73.6 136.6

131 95.7 70.2 130.4

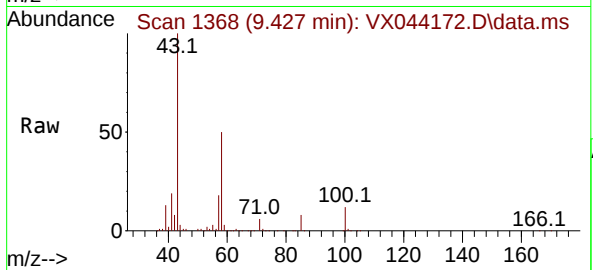
166 124.8 92.0 170.8



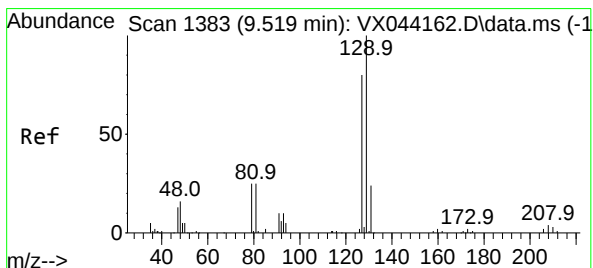
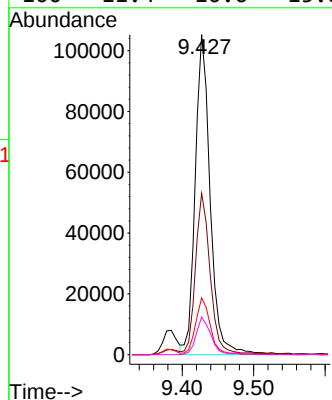
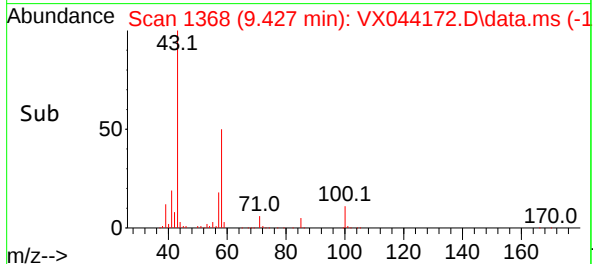


#48
2-Hexanone
Concen: 93.186 ug/L
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX044172.D
Acq: 06 Dec 2024 16:22

Instrument :
MSVOA_X
ClientSampleId :

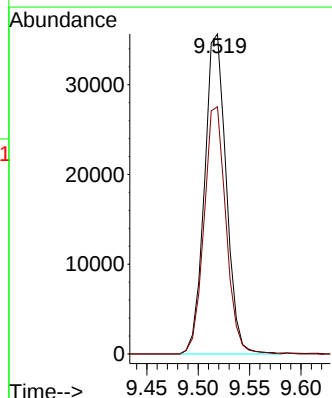
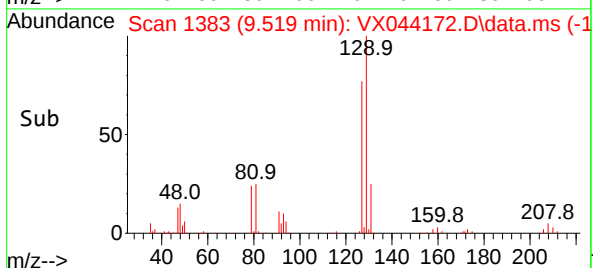
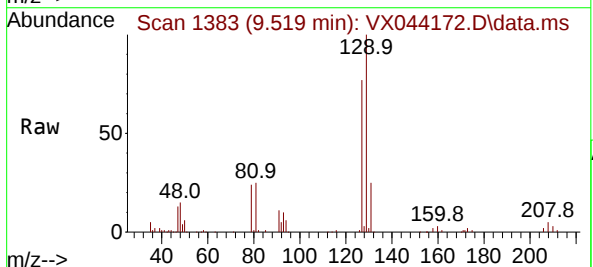


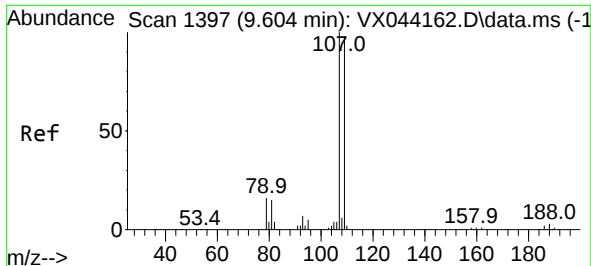
Tgt Ion:	43	Resp:	153252
Ion	Ratio	Lower	Upper
43	100		
58	49.4	45.4	68.2
57	17.3	15.4	23.0
100	11.4	10.6	15.8



#49
Dibromochloromethane
Concen: 42.891 ug/L
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX044172.D
Acq: 06 Dec 2024 16:22

Tgt Ion:	129	Resp:	52417
Ion	Ratio	Lower	Upper
129	100		
127	77.2	53.5	99.5

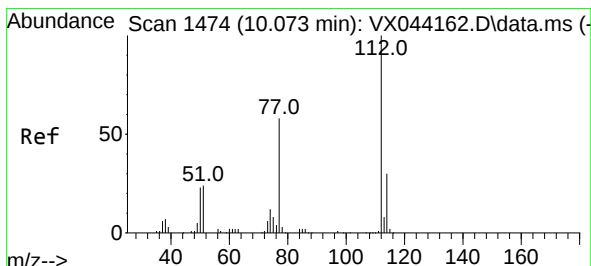
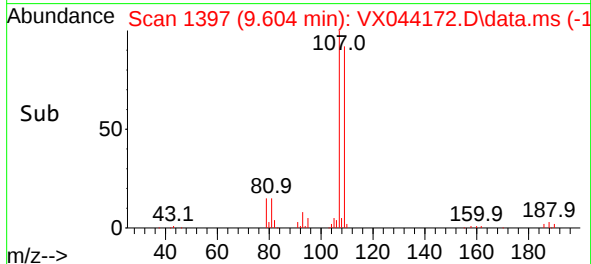
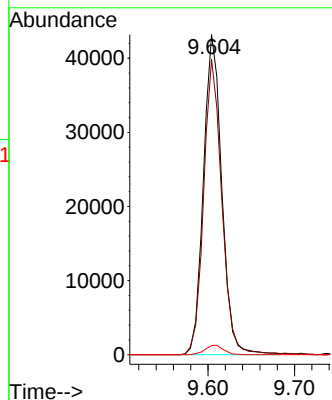
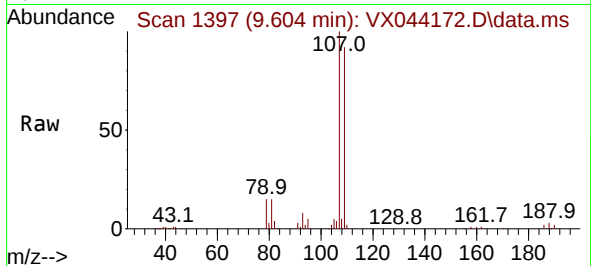




#50
1,2-Dibromoethane
Concen: 44.420 ug/L
RT: 9.604 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX044172.D
Acq: 06 Dec 2024 16:22

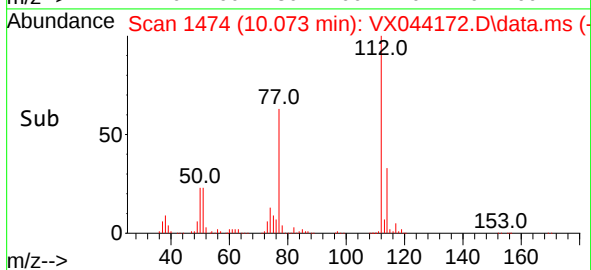
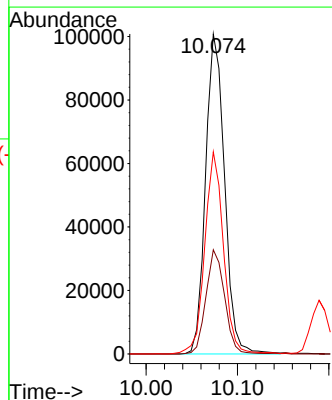
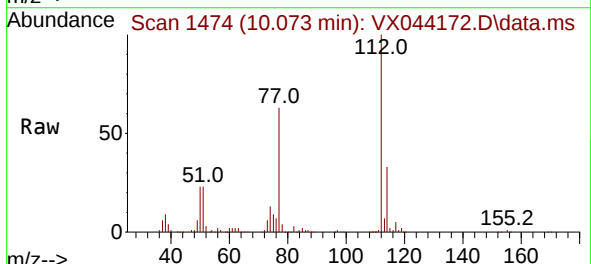
Instrument :
MSVOA_X
ClientSampleId :

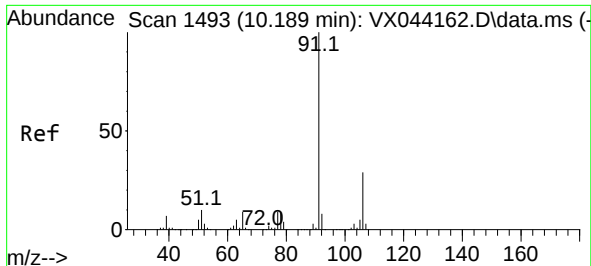
Tgt Ion:107 Resp: 63425
Ion Ratio Lower Upper
107 100
109 92.3 65.5 121.7
188 3.1 2.6 4.0



#51
Chlorobenzene
Concen: 42.473 ug/L
RT: 10.073 min Scan# 1474
Delta R.T. 0.000 min
Lab File: VX044172.D
Acq: 06 Dec 2024 16:22

Tgt Ion:112 Resp: 145071
Ion Ratio Lower Upper
112 100
114 32.6 22.9 42.5
77 63.2 48.0 72.0

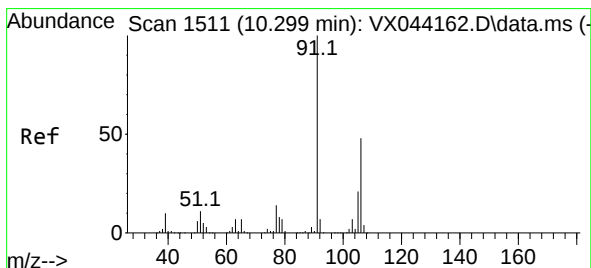
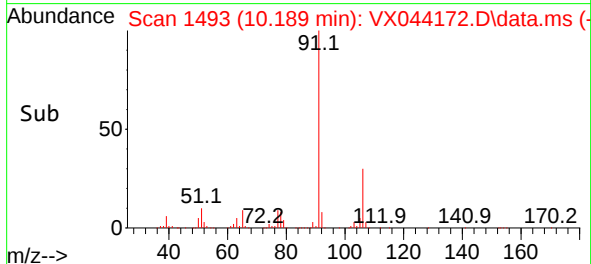
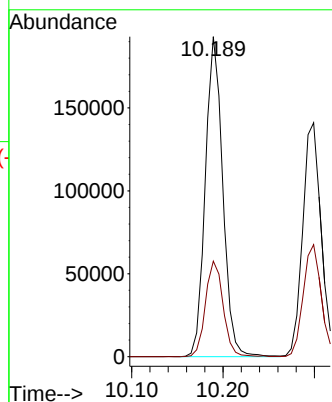
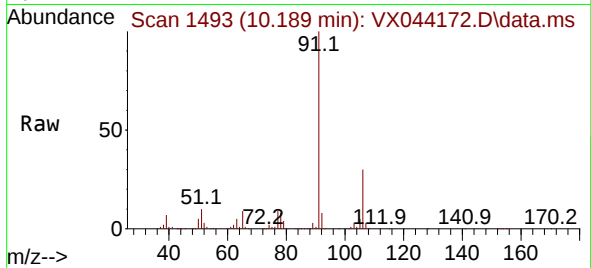




#52
Ethylbenzene
Concen: 43.601 ug/L
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX044172.D
Acq: 06 Dec 2024 16:22

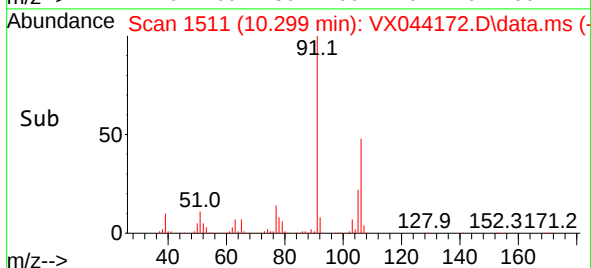
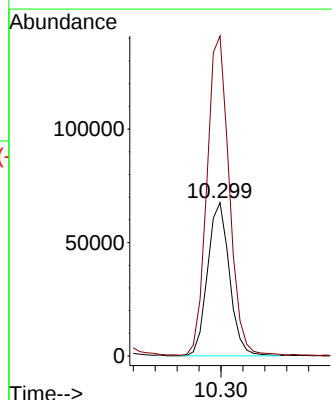
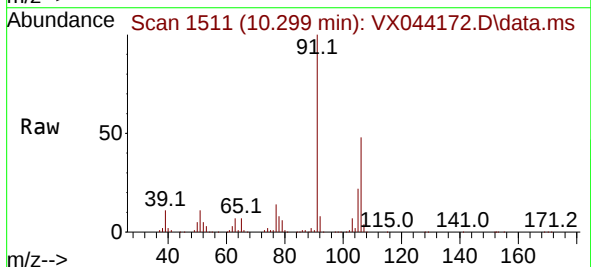
Instrument :
MSVOA_X
ClientSampleId :

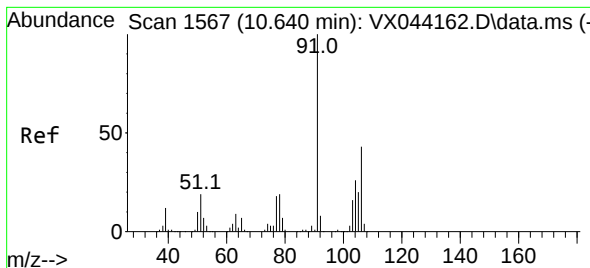
Tgt Ion: 91 Resp: 255689
Ion Ratio Lower Upper
91 100
106 29.8 21.1 39.1



#53
m,p-Xylene
Concen: 43.961 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX044172.D
Acq: 06 Dec 2024 16:22

Tgt Ion:106 Resp: 93375
Ion Ratio Lower Upper
106 100
91 208.7 147.5 273.9





#54

o-Xylene

Concen: 43.414 ug/L

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX044172.D

Acq: 06 Dec 2024 16:22

Instrument :

MSVOA_X

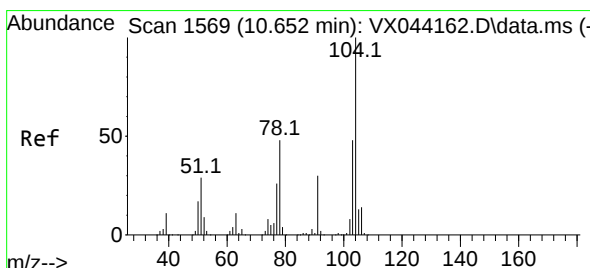
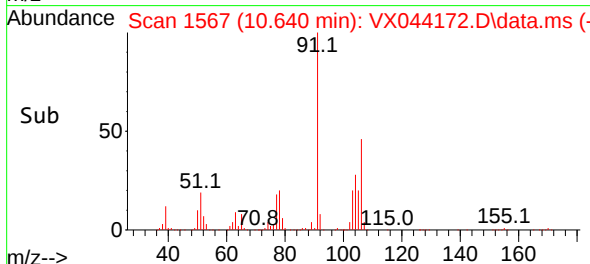
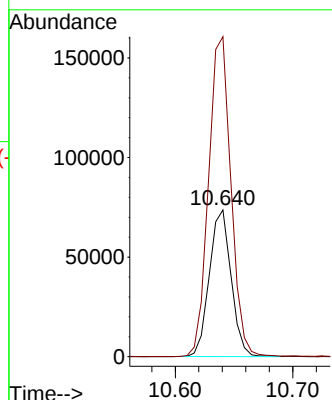
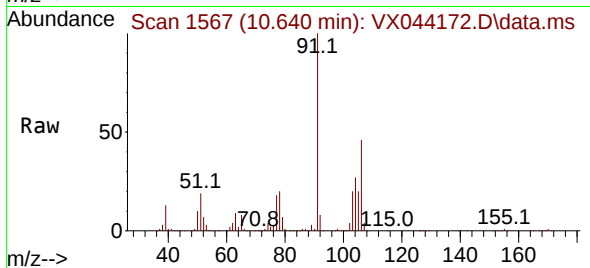
ClientSampleId :

Tgt Ion:106 Resp: 94826

Ion Ratio Lower Upper

106 100

91 218.0 153.7 285.5



#55

Styrene

Concen: 43.930 ug/L

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX044172.D

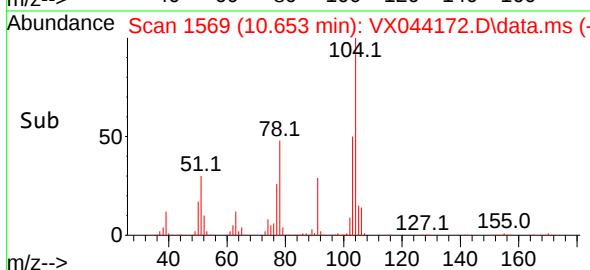
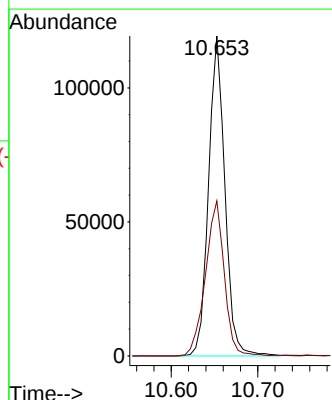
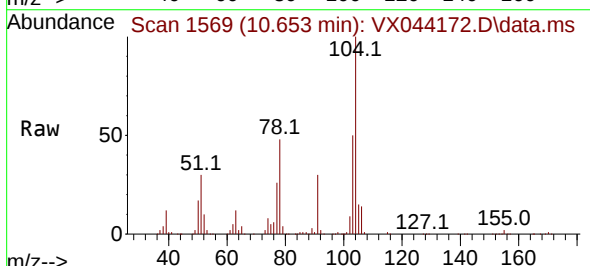
Acq: 06 Dec 2024 16:22

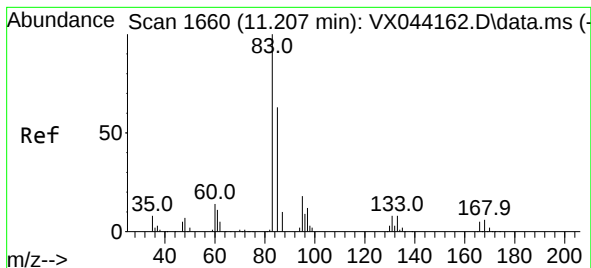
Tgt Ion:104 Resp: 156495

Ion Ratio Lower Upper

104 100

78 48.5 32.8 60.8





#57

1,1,2,2-Tetrachloroethane

Concen: 43.973 ug/L

RT: 11.207 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX044172.D

Acq: 06 Dec 2024 16:22

Instrument :

MSVOA_X

ClientSampleId :

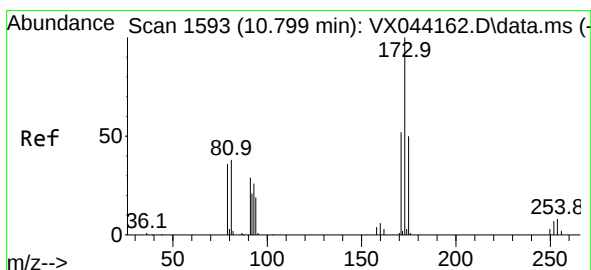
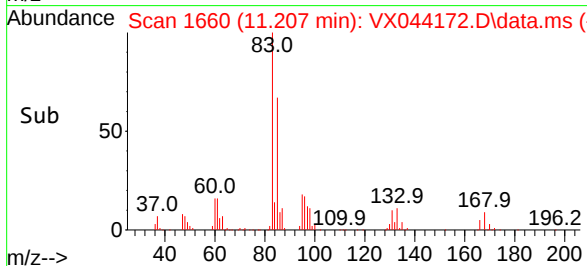
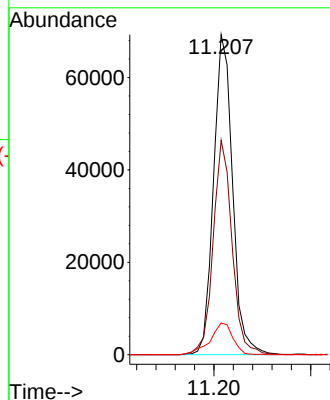
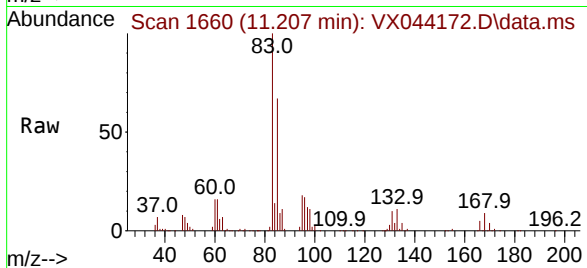
Tgt Ion: 83 Resp: 94313

Ion Ratio Lower Upper

83 100

85 67.0 46.0 85.4

131 9.9 8.8 13.2



#59

Bromoform

Concen: 42.793 ug/L

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX044172.D

Acq: 06 Dec 2024 16:22

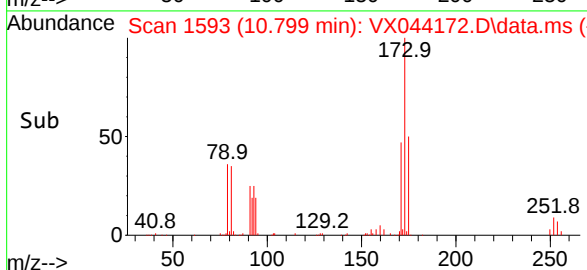
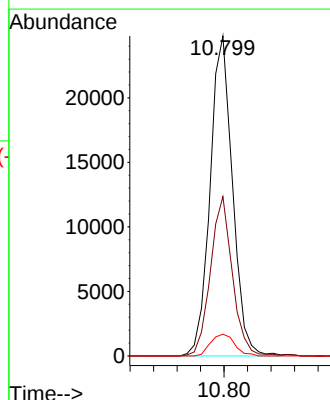
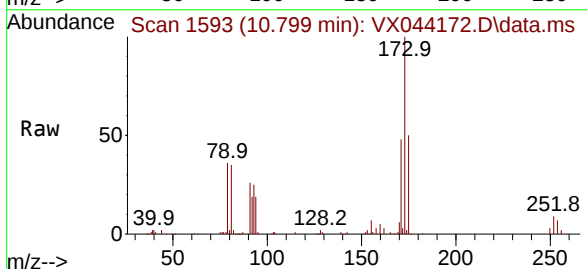
Tgt Ion:173 Resp: 32843

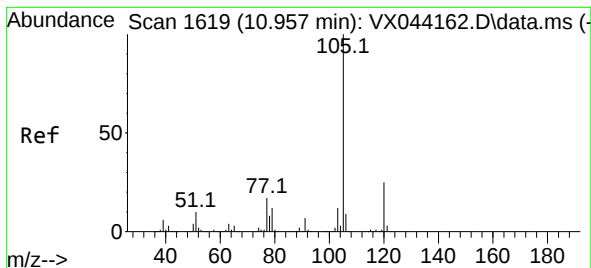
Ion Ratio Lower Upper

173 100

175 48.4 40.0 60.0

254 7.3 6.3 9.5





#60

Isopropylbenzene

Concen: 43.544 ug/L

RT: 10.957 min Scan# 1619

Delta R.T. 0.000 min

Lab File: VX044172.D

Acq: 06 Dec 2024 16:22

Instrument :

MSVOA_X

ClientSampleId :

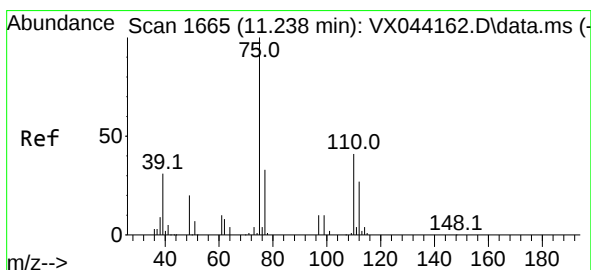
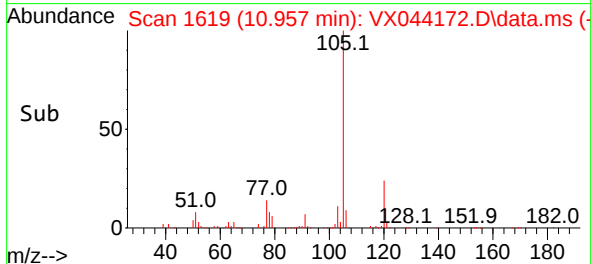
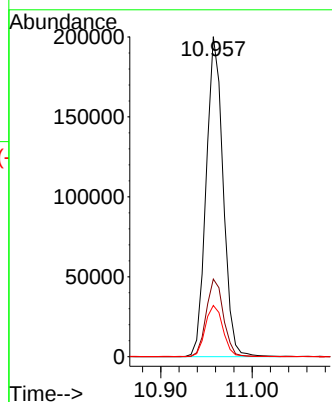
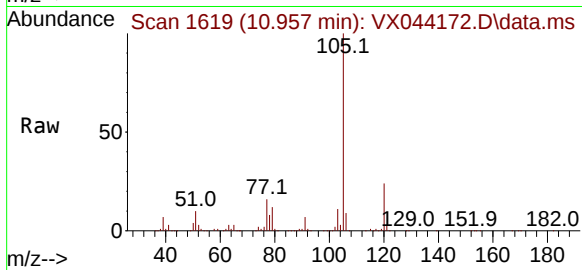
Tgt Ion:105 Resp: 257013

Ion Ratio Lower Upper

105 100

120 24.8 20.6 31.0

77 16.8 13.4 20.0



#61

1,2,3-Trichloropropane

Concen: 43.813 ug/L

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX044172.D

Acq: 06 Dec 2024 16:22

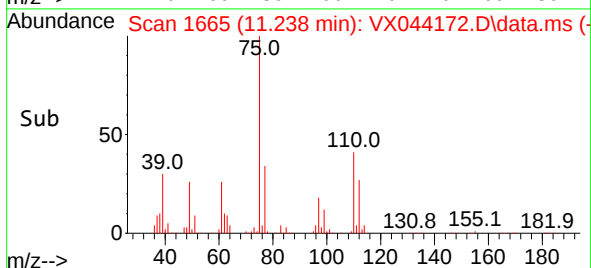
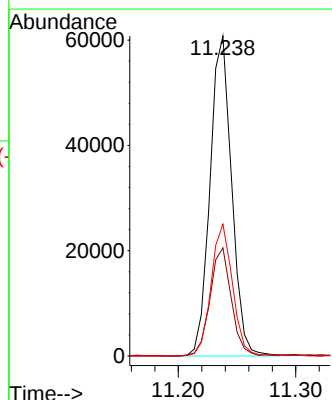
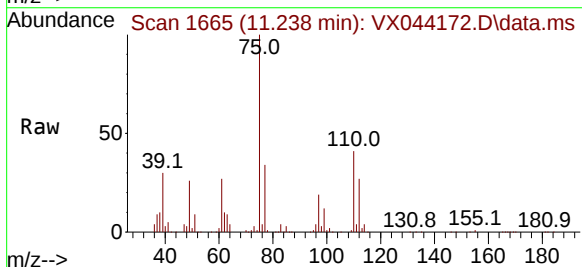
Tgt Ion: 75 Resp: 77619

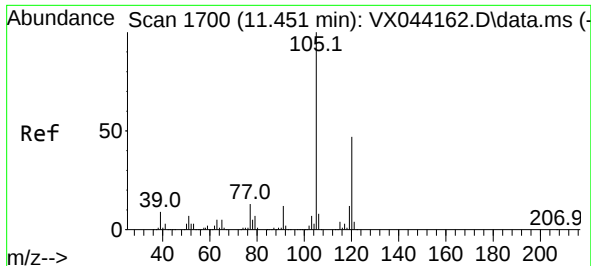
Ion Ratio Lower Upper

75 100

77 33.1 25.8 38.6

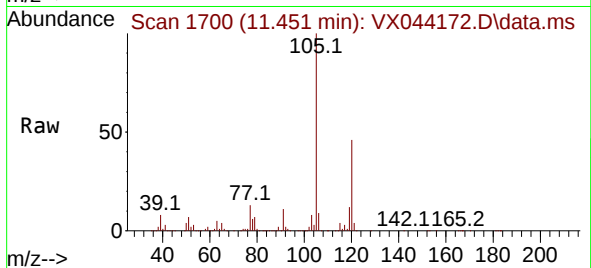
110 40.8 33.3 49.9



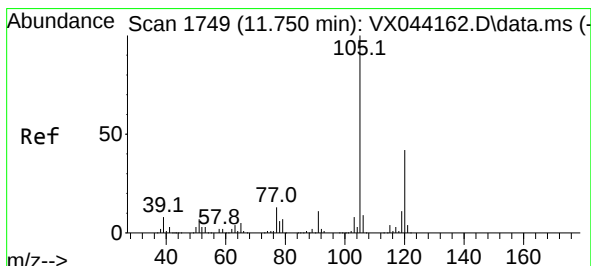
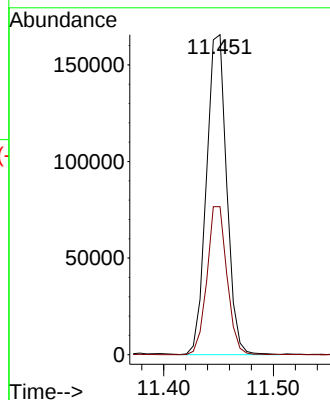
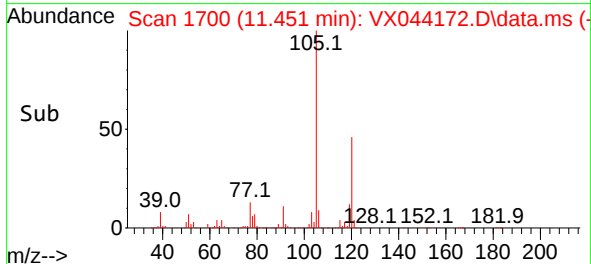


#62
1,3,5-Trimethylbenzene
Concen: 43.288 ug/L
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX044172.D
Acq: 06 Dec 2024 16:22

Instrument :
MSVOA_X
ClientSampleId :

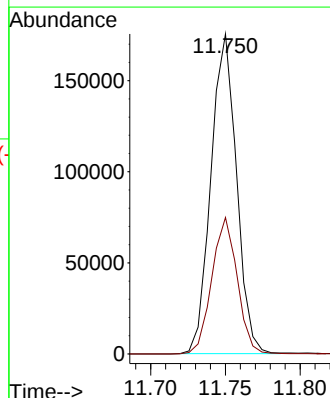
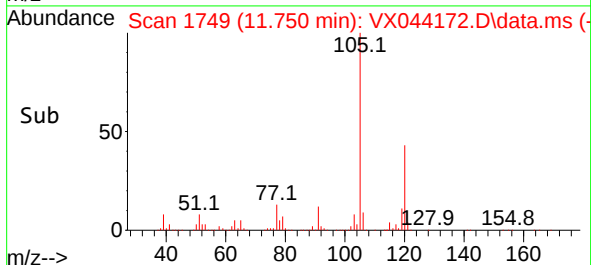
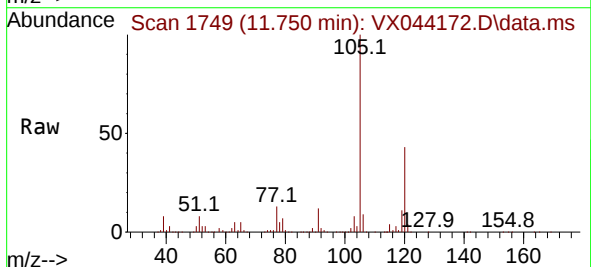


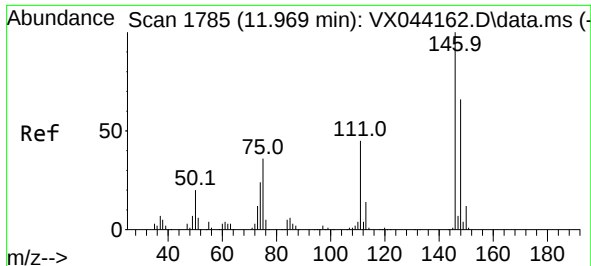
Tgt Ion:105 Resp: 212035
Ion Ratio Lower Upper
105 100
120 45.8 38.2 57.4



#63
1,2,4-Trimethylbenzene
Concen: 43.376 ug/L
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX044172.D
Acq: 06 Dec 2024 16:22

Tgt Ion:105 Resp: 208517
Ion Ratio Lower Upper
105 100
120 42.6 34.5 51.7





#64

1,3-Dichlorobenzene

Concen: 42.599 ug/L

RT: 11.970 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX044172.D

Acq: 06 Dec 2024 16:22

Instrument :

MSVOA_X

ClientSampleId :

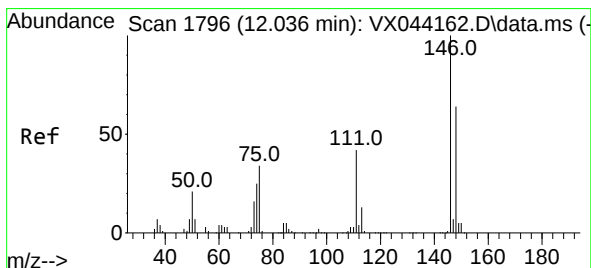
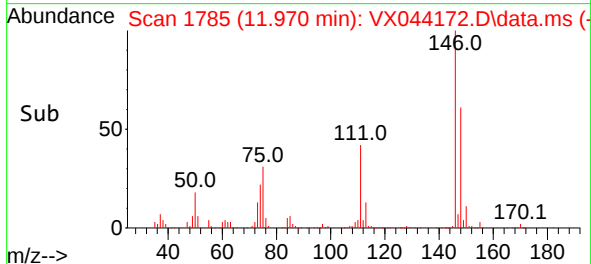
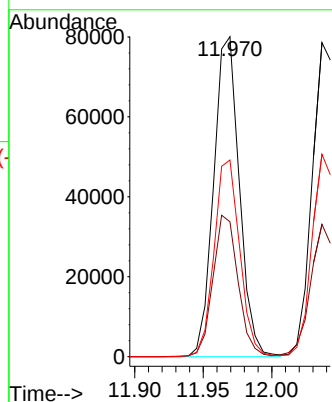
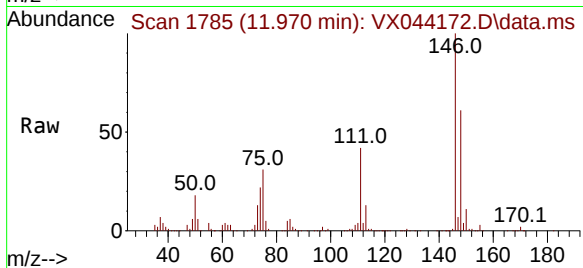
Tgt Ion:146 Resp: 104276

Ion Ratio Lower Upper

146 100

111 42.2 28.8 53.4

148 61.5 46.1 85.5



#65

1,4-Dichlorobenzene

Concen: 42.713 ug/L

RT: 12.037 min Scan# 1796

Delta R.T. 0.000 min

Lab File: VX044172.D

Acq: 06 Dec 2024 16:22

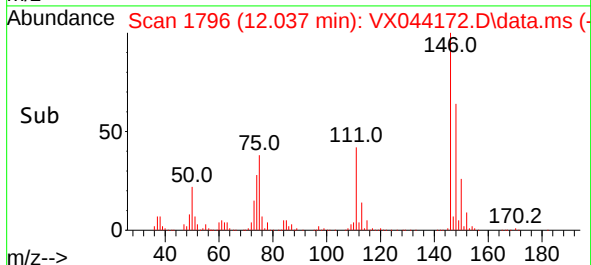
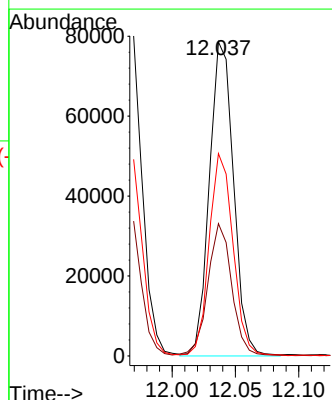
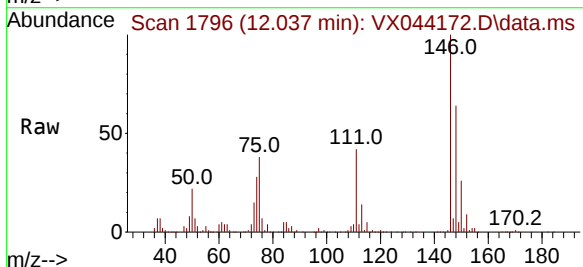
Tgt Ion:146 Resp: 104628

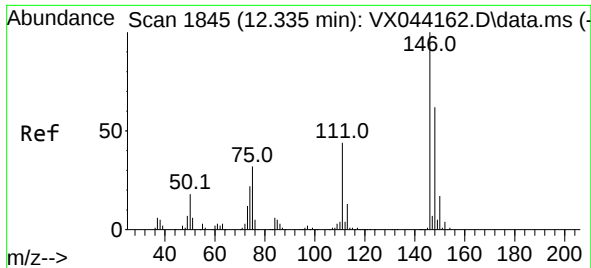
Ion Ratio Lower Upper

146 100

111 42.2 29.5 54.7

148 64.4 43.2 80.2

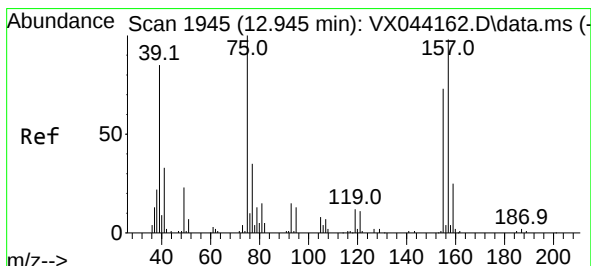
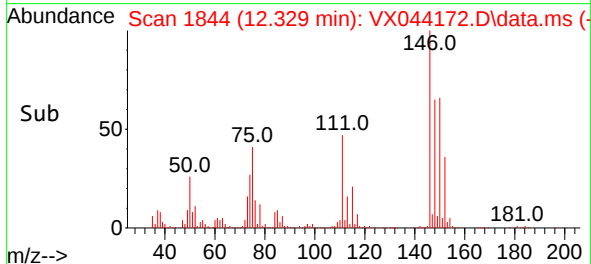
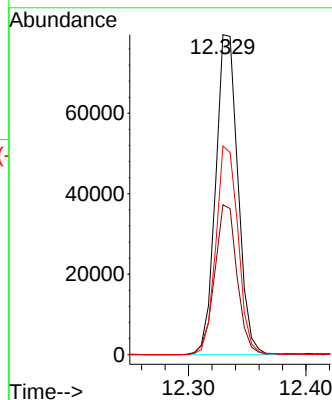
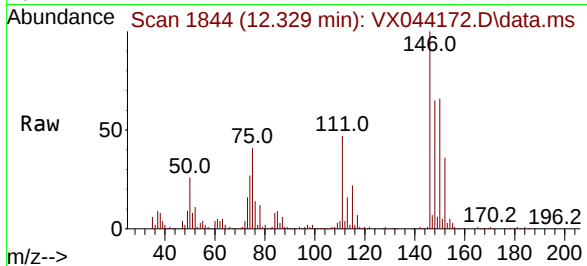




#67
1,2-Dichlorobenzene
Concen: 42.149 ug/L
RT: 12.329 min Scan# 1844
Delta R.T. -0.006 min
Lab File: VX044172.D
Acq: 06 Dec 2024 16:22

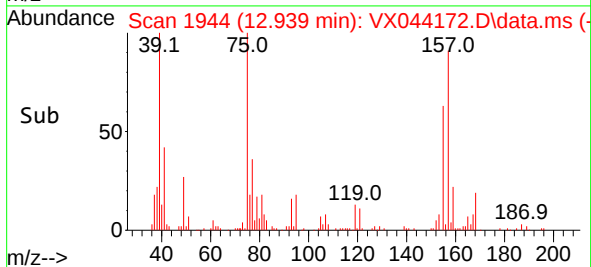
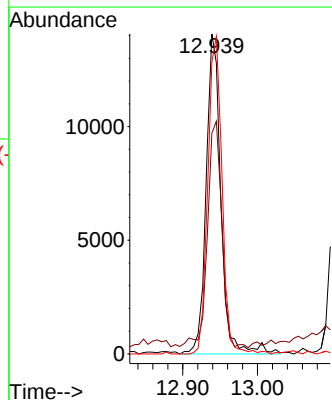
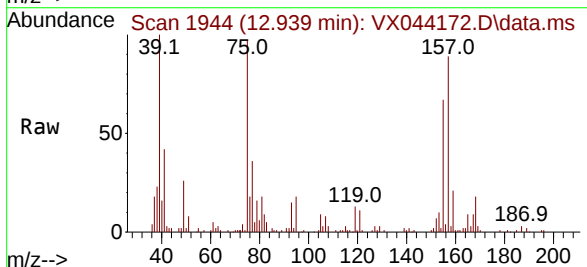
Instrument :
MSVOA_X
ClientSampleId :

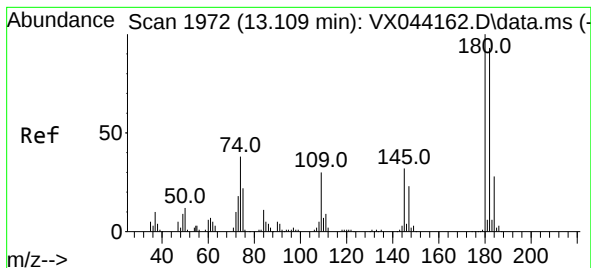
Tgt Ion:146 Resp: 104758
Ion Ratio Lower Upper
146 100
111 46.9 34.3 51.5
148 65.2 52.6 79.0



#68
1,2-Dibromo-3-chloropropane
Concen: 47.946 ug/L
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX044172.D
Acq: 06 Dec 2024 16:22

Tgt Ion: 75 Resp: 19305
Ion Ratio Lower Upper
75 100
155 69.0 60.5 90.7
157 91.3 73.5 110.3





#69

1,3,5-Trichlorobenzene

Concen: 44.002 ug/L

RT: 13.110 min Scan# 1972

Delta R.T. 0.000 min

Lab File: VX044172.D

Acq: 06 Dec 2024 16:22

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:180 Resp: 67201

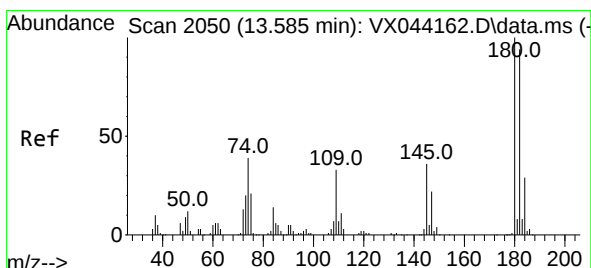
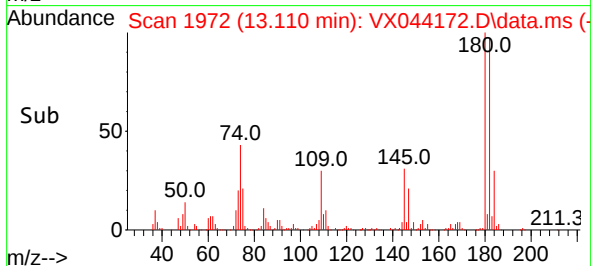
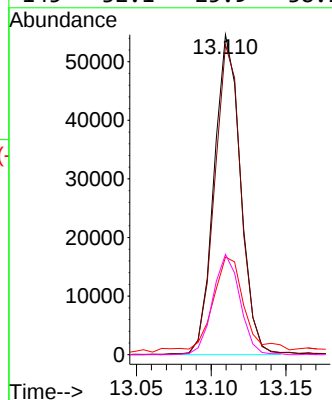
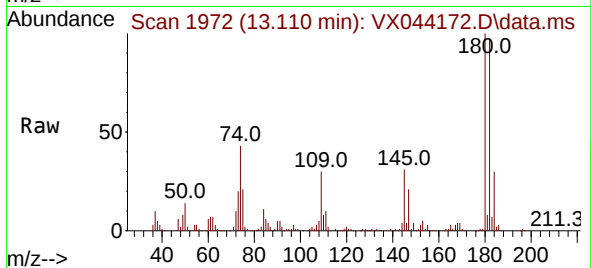
Ion Ratio Lower Upper

180 100

182 96.6 76.7 115.1

184 33.1 24.2 36.4

145 32.1 25.9 38.9



#70

1,2,4-trichlorobenzene

Concen: 44.663 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX044172.D

Acq: 06 Dec 2024 16:22

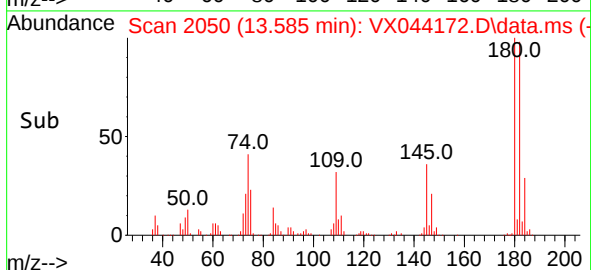
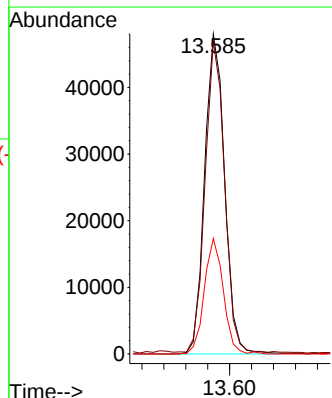
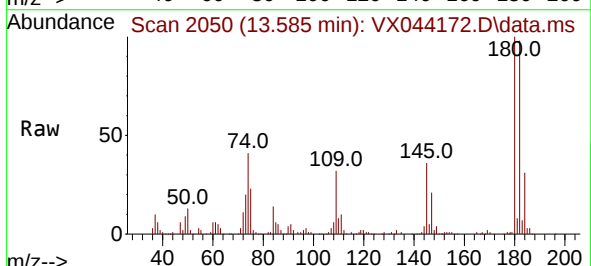
Tgt Ion:180 Resp: 60759

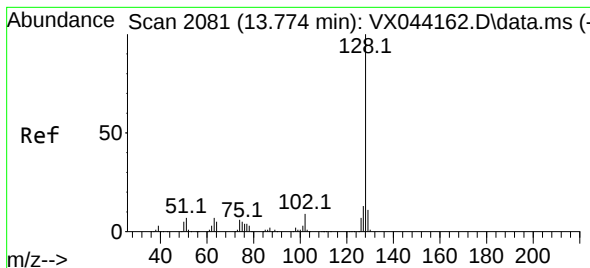
Ion Ratio Lower Upper

180 100

182 93.9 74.1 111.1

145 33.9 25.3 37.9





#71

Naphthalene

Concen: 45.899 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX044172.D

Acq: 06 Dec 2024 16:22

Instrument :

MSVOA_X

ClientSampleId :

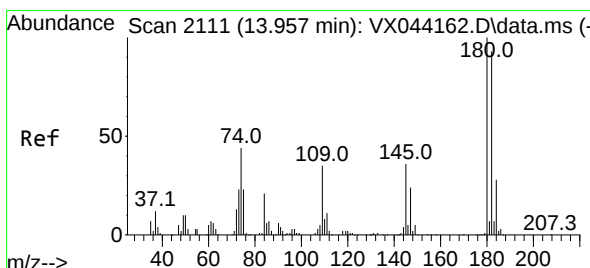
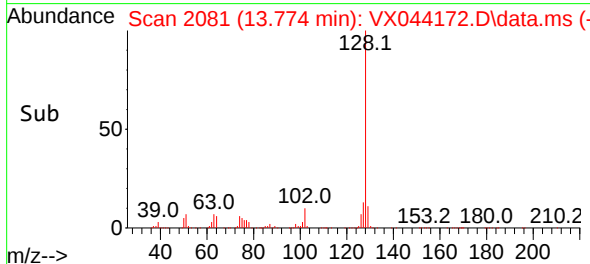
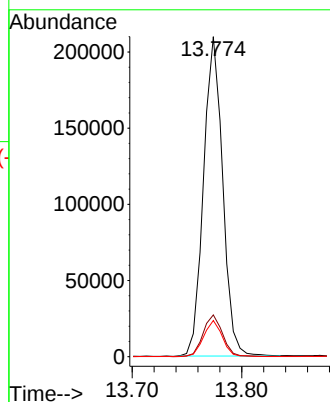
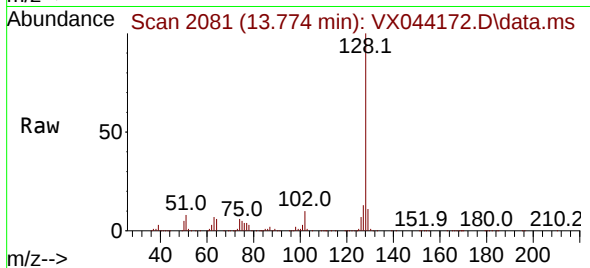
Tgt Ion:128 Resp: 254569

Ion Ratio Lower Upper

128 100

127 13.4 10.1 15.1

129 11.2 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 43.546 ug/L

RT: 13.957 min Scan# 2111

Delta R.T. 0.000 min

Lab File: VX044172.D

Acq: 06 Dec 2024 16:22

Tgt Ion:180 Resp: 62931

Ion Ratio Lower Upper

180 100

182 93.8 73.8 110.6

145 35.9 27.4 41.2

