

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040125\
 Data File : VX045523.D
 Acq On : 01 Apr 2025 01:43 pm
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 25 10:25:24 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML032825WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Apr 07 12:12:10 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	139313	50.00	ug/L	0.00
28) Chlorobenzene-d5	10.049	117	131385	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	58496	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	41902	40.22	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	80.44%		
7) Chloroethane-d5	1.648	69	35420	51.90	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	103.80%		
11) 1,1-Dichloroethene-d2	2.294	65	23235	42.81	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	85.62%		
21) 2-Butanone-d5	4.452	46	83517	120.51	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	120.51%		
24) Chloroform-d	5.050	84	123197	53.29	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	106.58%		
26) 1,2-Dichloroethane-d4	5.946	65	87595	54.16	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	108.32%		
32) Benzene-d6	5.964	84	212543	49.90	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.80%		
36) 1,2-Dichloropropane-d6	7.299	67	71268	51.96	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	103.92%		
41) Toluene-d8	8.641	98	187012	48.62	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.24%		
43) trans-1,3-Dichloroprop...	8.945	79	29222	51.88	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	103.76%		
47) 2-Hexanone-d5	9.384	63	62289	119.07	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	119.07%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	101485	55.74	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	111.48%		
66) 1,2-Dichlorobenzene-d4	12.317	152	63345	50.94	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	101.88%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	57648	38.71	ug/L	99
3) Chloromethane	1.306	50	61865	47.06	ug/L	98
5) Vinyl chloride	1.374	62	52950	43.31	ug/L	96
6) Bromomethane	1.593	94	26580	48.62	ug/L	95
8) Chloroethane	1.672	64	32162	52.63	ug/L	98
9) Trichlorofluoromethane	1.873	101	71728	42.71	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.318	101	44320	41.42	ug/L	97
12) 1,1-Dichloroethene	2.312	96	42148	44.13	ug/L	92
13) Acetone	2.379	43	70045	106.67	ug/L	92
14) Carbon disulfide	2.501	76	109388	44.45	ug/L	97
15) Methyl Acetate	2.703	43	75105	57.59	ug/L	95
16) Methylene chloride	2.782	84	60556	54.72	ug/L	90
17) trans-1,2-Dichloroethene	3.087	96	47335	49.57	ug/L	98
18) Methyl tert-butyl Ether	3.111	73	192122	57.96	ug/L	95
19) 1,1-Dichloroethane	3.599	63	105980	53.18	ug/L	97
20) cis-1,2-Dichloroethene	4.477	96	60685	55.18	ug/L	91
22) 2-Butanone	4.550	43	107529	112.85	ug/L	94
23) Bromochloromethane	4.891	128	31643	58.15	ug/L	95
25) Chloroform	5.086	83	114408	54.76	ug/L	98

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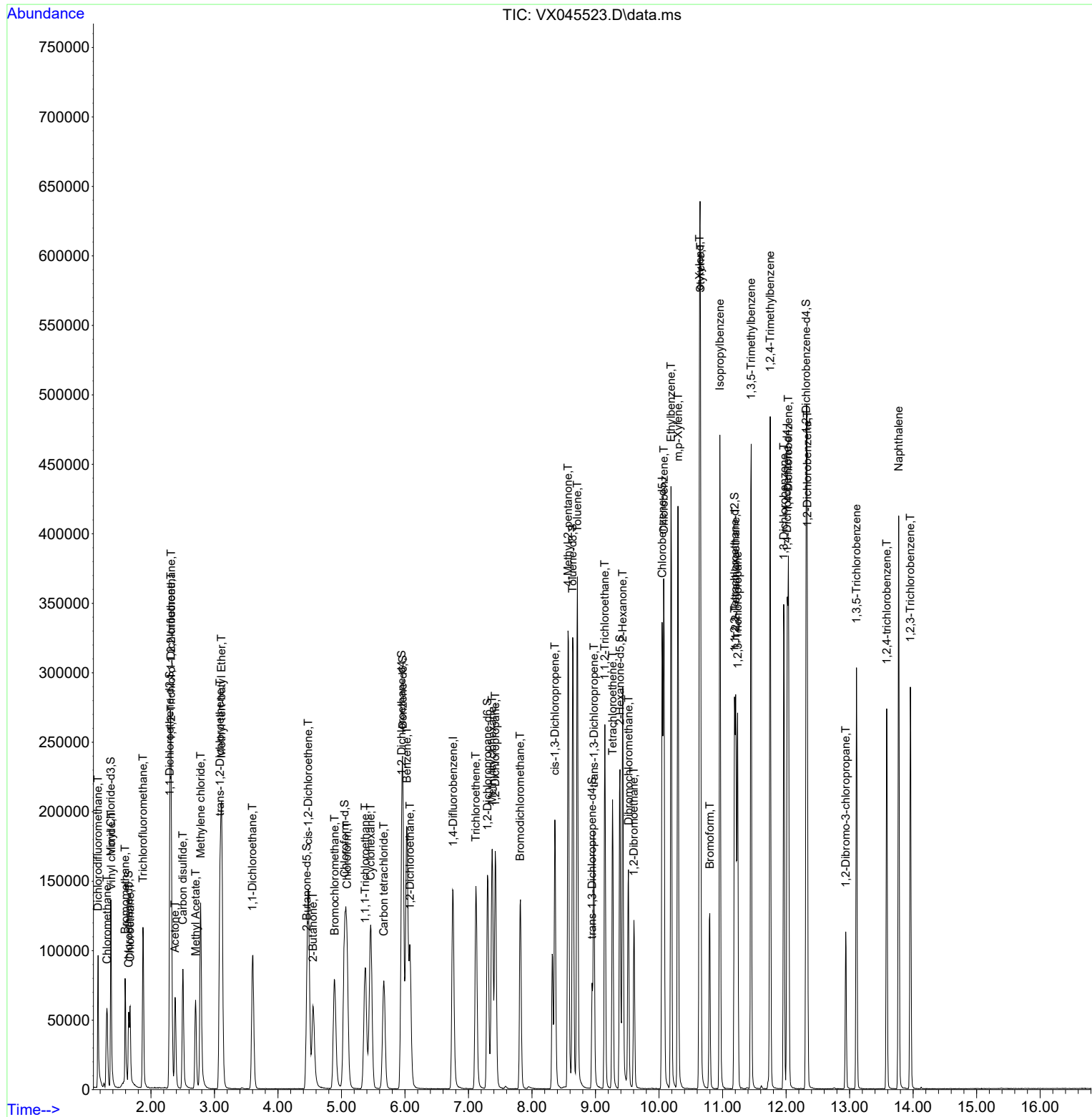
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.080	62	105826	58.97	ug/L	96
29) Cyclohexane	5.458	56	77985	39.15	ug/L	95
30) 1,1,1-Trichloroethane	5.373	97	82755	45.93	ug/L	94
31) Carbon tetrachloride	5.665	117	67089	42.93	ug/L	100
33) Benzene	6.031	78	220429	51.12	ug/L	100
34) Trichloroethene	7.116	95	55921	48.75	ug/L	93
35) Methylcyclohexane	7.372	83	73856	40.35	ug/L	95
37) 1,2-Dichloropropane	7.421	63	60431	51.70	ug/L	100
38) Bromodichloromethane	7.811	83	85931	53.52	ug/L	98
39) cis-1,3-Dichloropropene	8.360	75	89956	52.54	ug/L	98
40) 4-Methyl-2-pentanone	8.567	43	207383	115.87	ug/L	93
42) Toluene	8.714	91	225881	51.06	ug/L	98
44) trans-1,3-Dichloropropene	8.976	75	83339	52.25	ug/L	99
45) 1,1,2-Trichloroethane	9.147	97	62251	55.44	ug/L	98
46) Tetrachloroethene	9.268	164	35246	44.86	ug/L	98
48) 2-Hexanone	9.427	43	155882	115.54	ug/L	94
49) Dibromochloromethane	9.518	129	62893	56.14	ug/L	99
50) 1,2-Dibromoethane	9.604	107	63812	54.62	ug/L	98
51) Chlorobenzene	10.073	112	143679	51.77	ug/L	99
52) Ethylbenzene	10.189	91	242290	48.66	ug/L	99
53) m,p-Xylene	10.299	106	90639	50.21	ug/L	93
54) o-Xylene	10.640	106	90810	51.21	ug/L	93
55) Styrene	10.652	104	158301	53.34	ug/L	97
57) 1,1,2,2-Tetrachloroethane	11.207	83	98616	55.88	ug/L	99
59) Bromoform	10.799	173	42367	57.36	ug/L	99
60) Isopropylbenzene	10.957	105	229852	48.16	ug/L	98
61) 1,2,3-Trichloropropane	11.238	75	80020	56.10	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	195192	50.00	ug/L	97
63) 1,2,4-Trimethylbenzene	11.750	105	196042	51.16	ug/L	99
64) 1,3-Dichlorobenzene	11.963	146	98253	50.67	ug/L	98
65) 1,4-Dichlorobenzene	12.036	146	98553	50.97	ug/L	96
67) 1,2-Dichlorobenzene	12.335	146	101330	52.54	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.939	75	21635	56.41	ug/L	82
69) 1,3,5-Trichlorobenzene	13.109	180	62305	50.76	ug/L	97
70) 1,2,4-trichlorobenzene	13.585	180	54555	50.40	ug/L	97
71) Naphthalene	13.774	128	227912	55.67	ug/L	100
72) 1,2,3-Trichlorobenzene	13.957	180	58871	52.91	ug/L	98

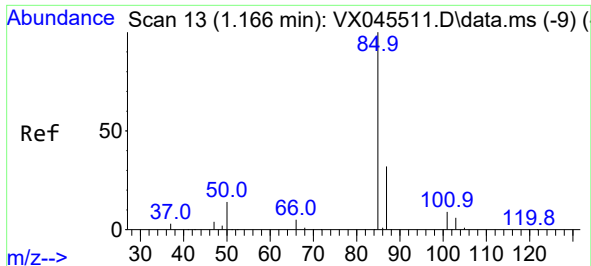
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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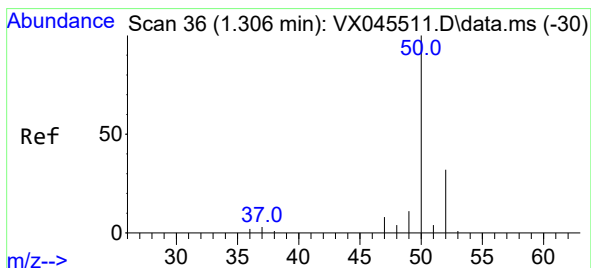
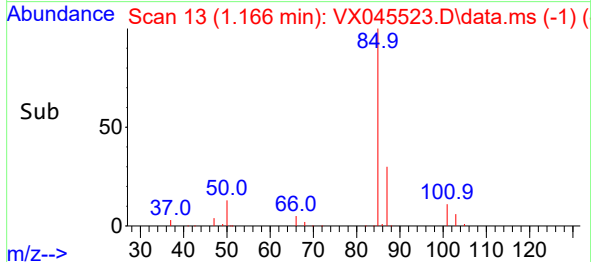
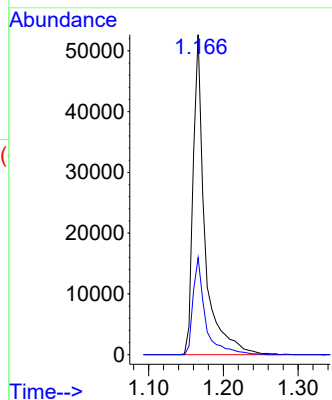
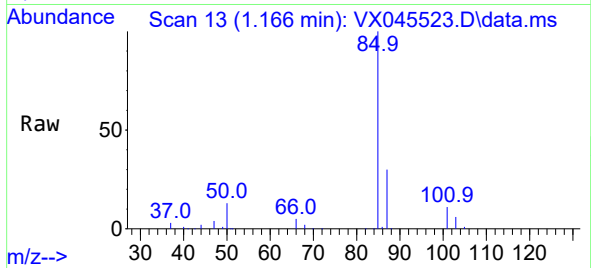




#2
Dichlorodifluoromethane
Concen: 38.71 ug/L
RT: 1.166 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045523.D
Acq: 01 Apr 2025 01:43

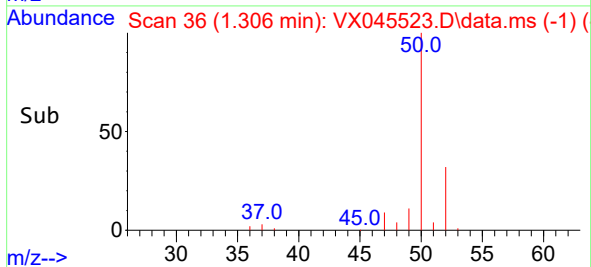
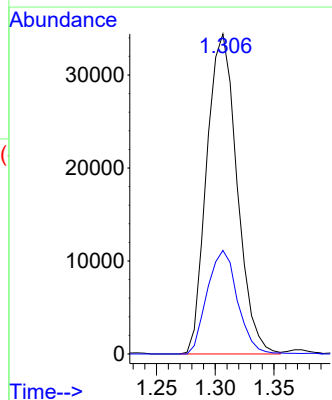
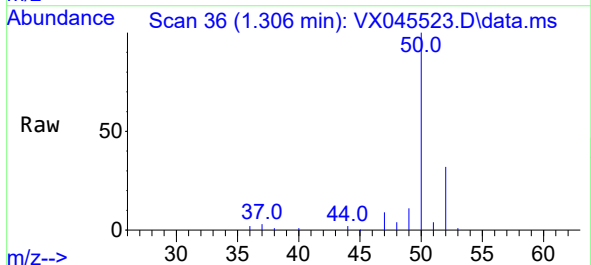
Instrument :
MSVOA_X
ClientSampleId :

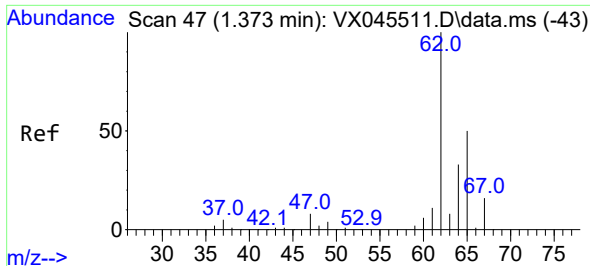
Tgt Ion: 85 Resp: 57648
Ion Ratio Lower Upper
85 100
87 31.7 25.9 38.9



#3
Chloromethane
Concen: 47.06 ug/L
RT: 1.306 min Scan# 36
Delta R.T. 0.000 min
Lab File: VX045523.D
Acq: 01 Apr 2025 01:43 pm

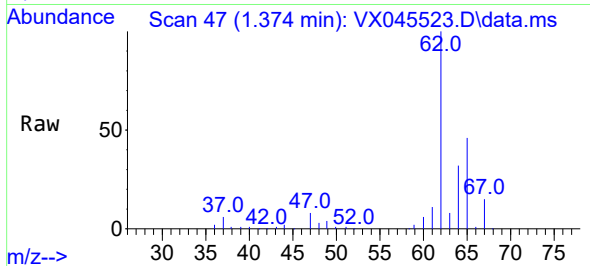
Tgt Ion: 50 Resp: 61865
Ion Ratio Lower Upper
50 100
52 32.3 23.3 43.3



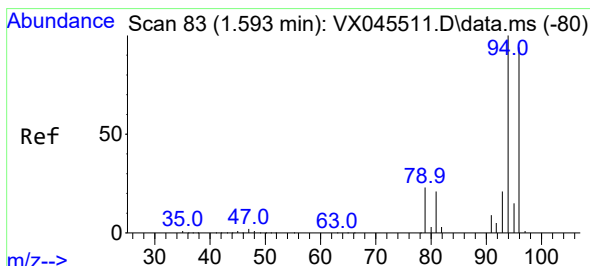
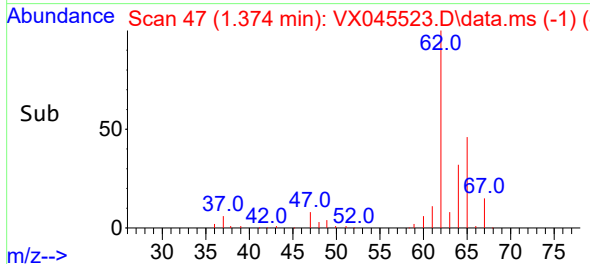
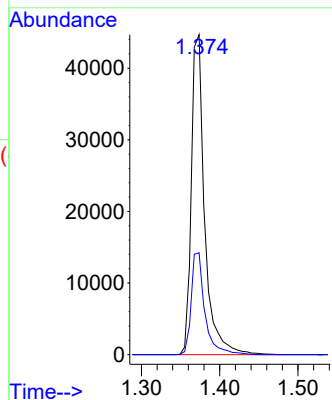


#5
 Vinyl chloride
 Concen: 43.31 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX045523.D
 Acq: 01 Apr 2025 01:43

Instrument :
 MSVOA_X
 ClientSampleId :

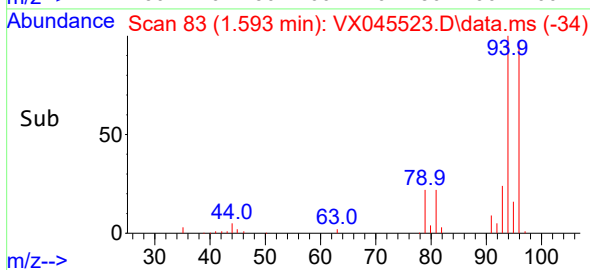
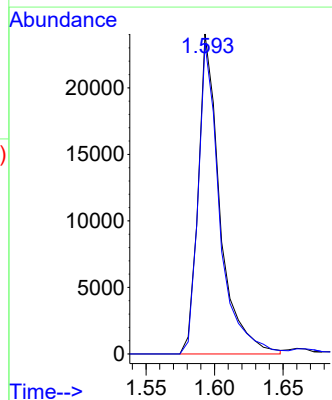
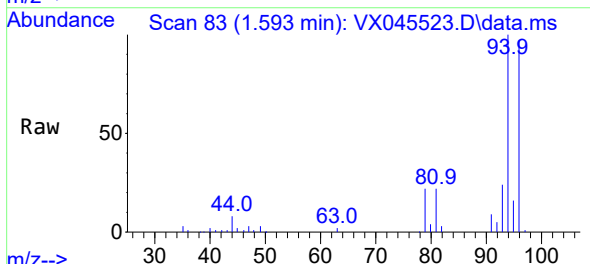


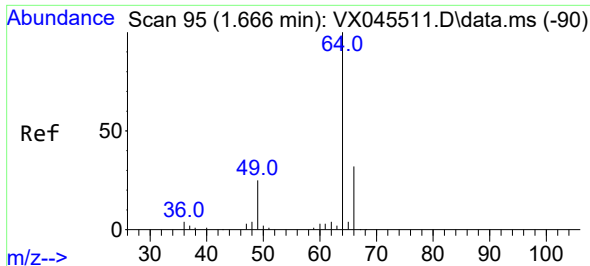
Tgt Ion: 62 Resp: 52950
 Ion Ratio Lower Upper
 62 100
 64 31.9 23.7 44.1



#6
 Bromomethane
 Concen: 48.62 ug/L
 RT: 1.593 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VX045523.D
 Acq: 01 Apr 2025 01:43 pm

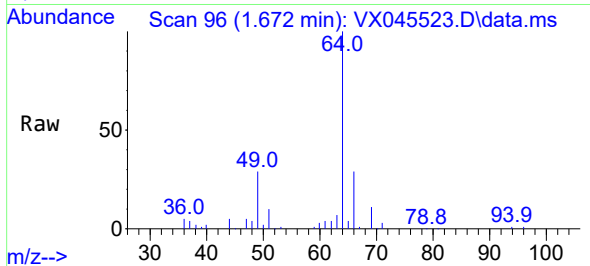
Tgt Ion: 94 Resp: 26580
 Ion Ratio Lower Upper
 94 100
 96 96.9 64.3 119.3



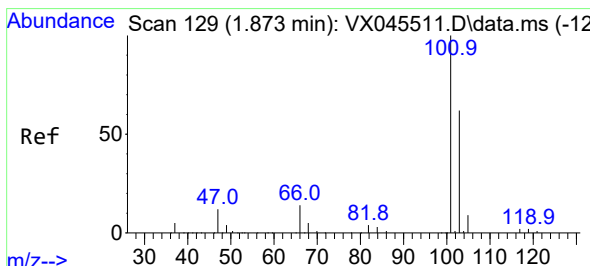
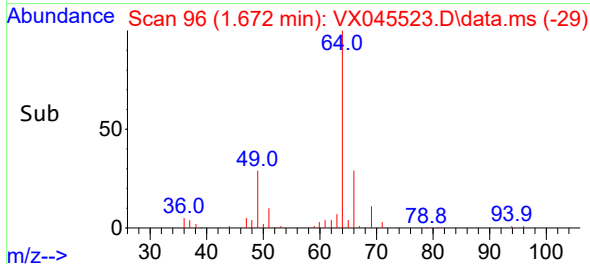
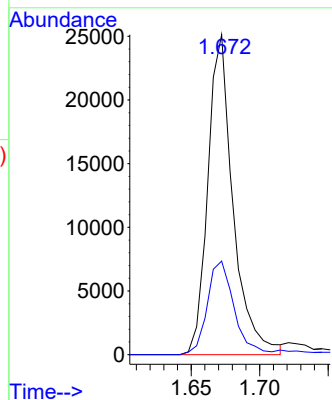


#8
Chloroethane
Concen: 52.63 ug/L
RT: 1.672 min Scan# 96
Delta R.T. 0.006 min
Lab File: VX045523.D
Acq: 01 Apr 2025 01:43

Instrument :
MSVOA_X
ClientSampleId :

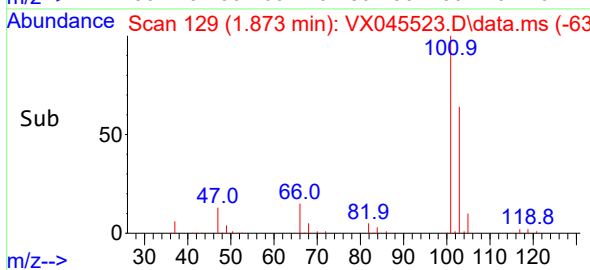
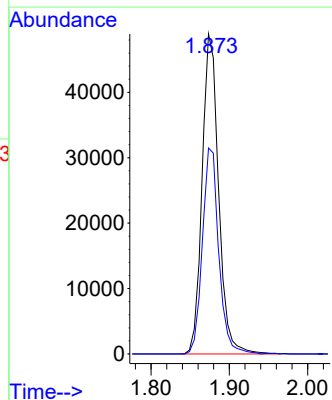
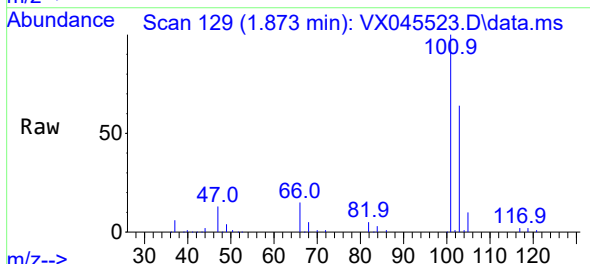


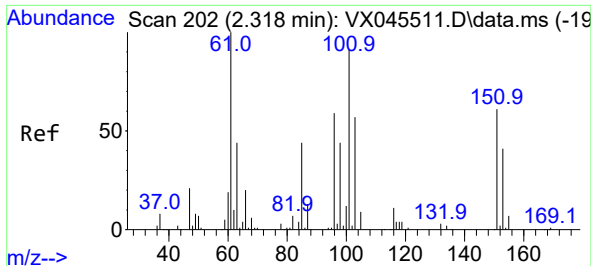
Tgt Ion: 64 Resp: 32162
Ion Ratio Lower Upper
64 100
66 29.2 21.4 39.8



#9
Trichlorofluoromethane
Concen: 42.71 ug/L
RT: 1.873 min Scan# 129
Delta R.T. 0.000 min
Lab File: VX045523.D
Acq: 01 Apr 2025 01:43 pm

Tgt Ion: 101 Resp: 71728
Ion Ratio Lower Upper
101 100
103 63.8 52.2 78.2

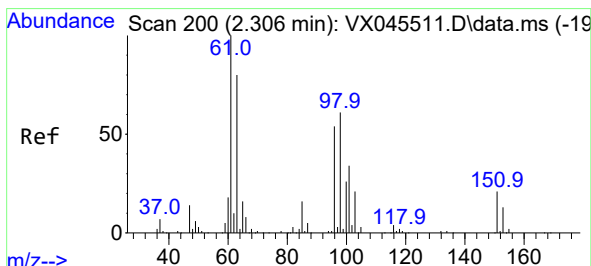
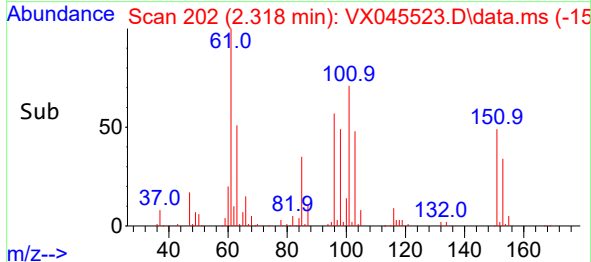
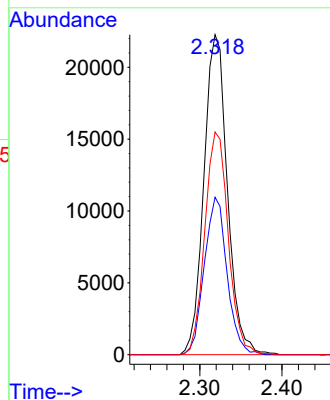
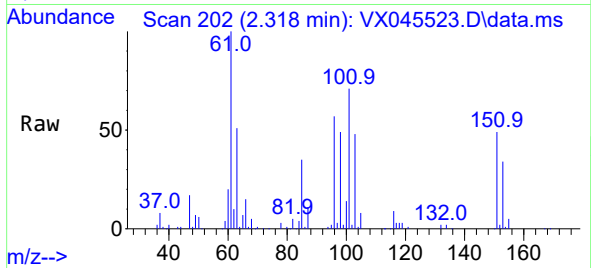




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 41.42 ug/L
RT: 2.318 min Scan# 201
Delta R.T. 0.000 min
Lab File: VX045523.D
Acq: 01 Apr 2025 01:43

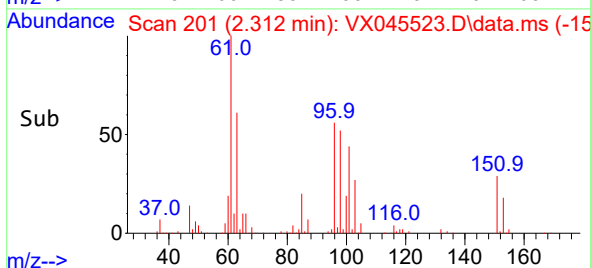
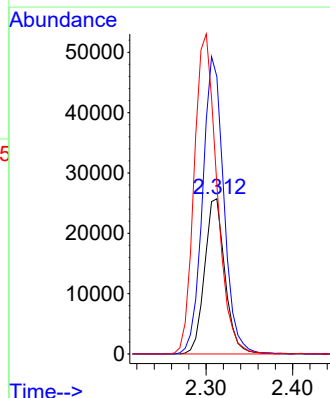
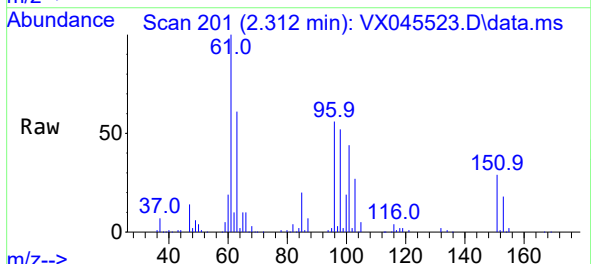
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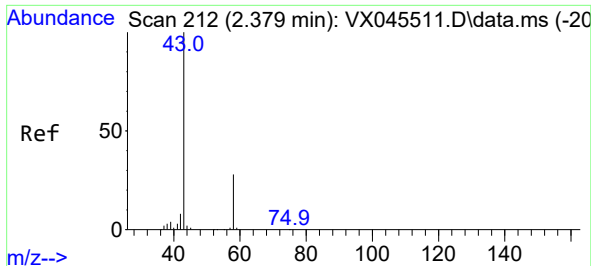
Tgt Ion:101 Resp: 44320
Ion Ratio Lower Upper
101 100
85 47.6 35.4 53.0
151 69.4 57.0 85.4



#12
1,1-Dichloroethene
Concen: 44.13 ug/L
RT: 2.312 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX045523.D
Acq: 01 Apr 2025 01:43 pm

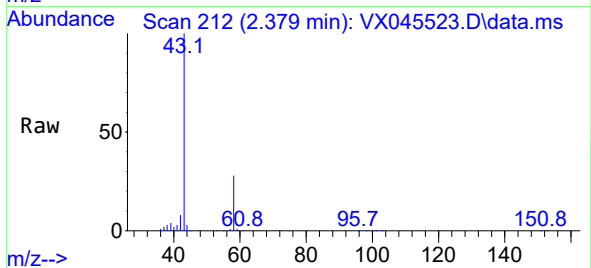
Tgt Ion: 96 Resp: 42148
Ion Ratio Lower Upper
96 100
61 178.7 115.1 213.8
63 109.2 74.1 137.5



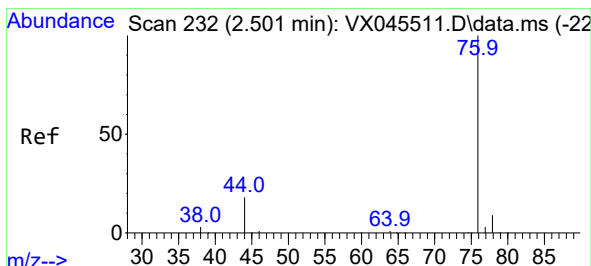
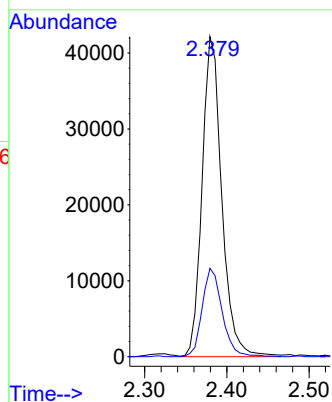
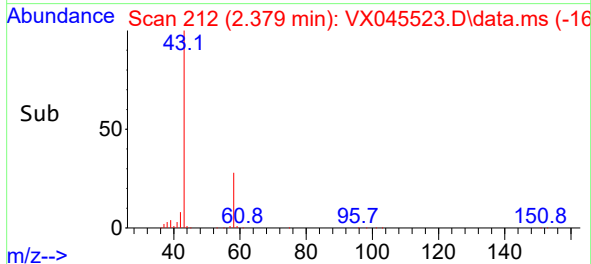


#13
Acetone
Concen: 106.67 ug/L
RT: 2.379 min Scan# 212
Delta R.T. 0.000 min
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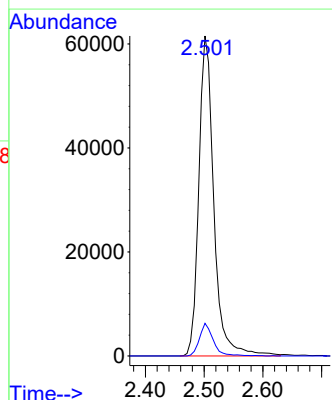
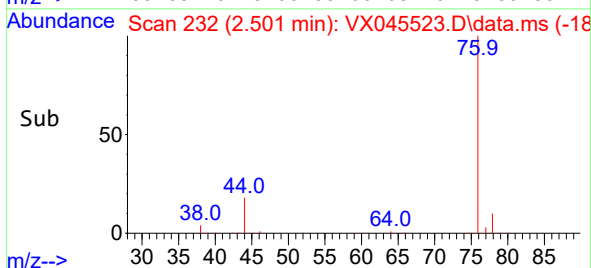
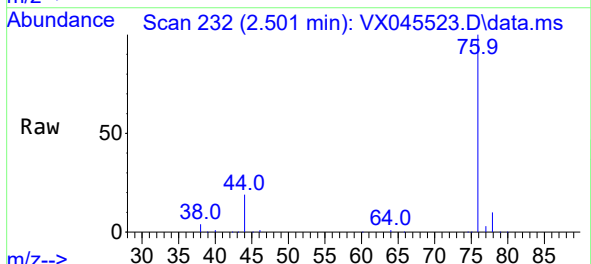


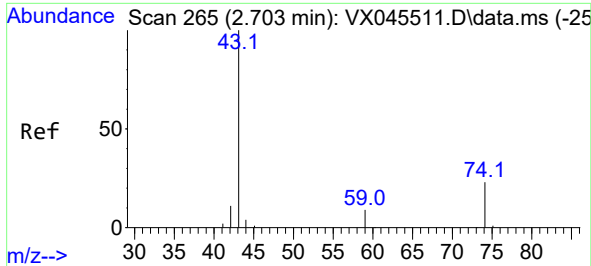
Tgt Ion: 43 Resp: 70045
Ion Ratio Lower Upper
43 100
58 27.9 0.0 64.6



#14
Carbon disulfide
Concen: 44.45 ug/L
RT: 2.501 min Scan# 232
Delta R.T. 0.000 min
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Tgt Ion: 76 Resp: 109388
Ion Ratio Lower Upper
76 100
78 10.2 7.2 10.8

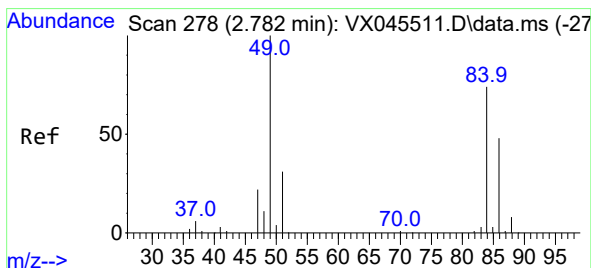
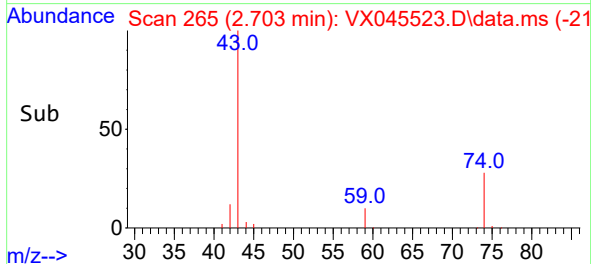
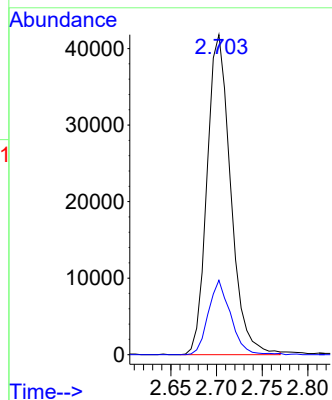
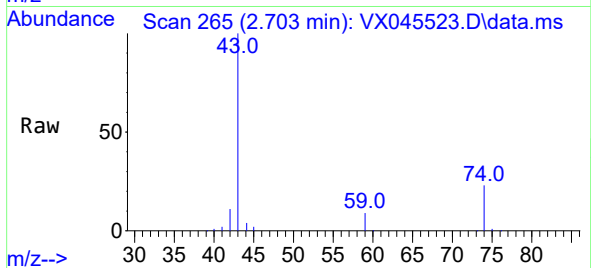




#15
Methyl Acetate
Concen: 57.59 ug/L
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX045523.D
Acq: 01 Apr 2025 01:43

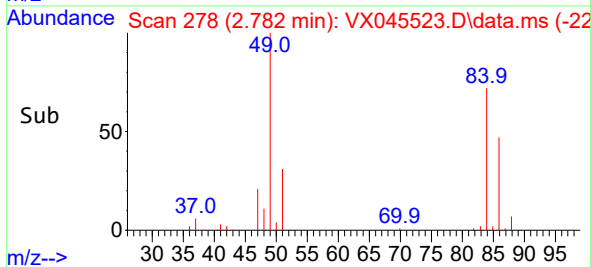
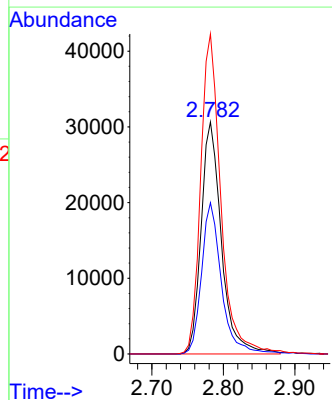
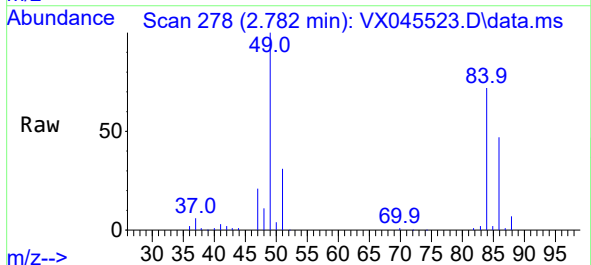
Instrument :
MSVOA_X
ClientSampleId :

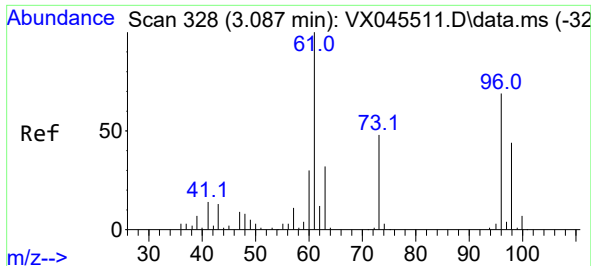
Tgt Ion: 43 Resp: 75105
Ion Ratio Lower Upper
43 100
74 21.9 19.7 29.5



#16
Methylene chloride
Concen: 54.72 ug/L
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX045523.D
Acq: 01 Apr 2025 01:43 pm

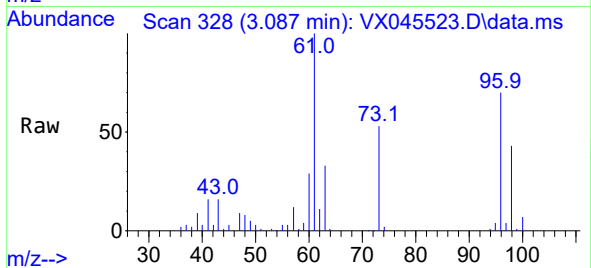
Tgt Ion: 84 Resp: 60556
Ion Ratio Lower Upper
84 100
86 65.2 45.6 84.8
49 138.0 84.6 157.0



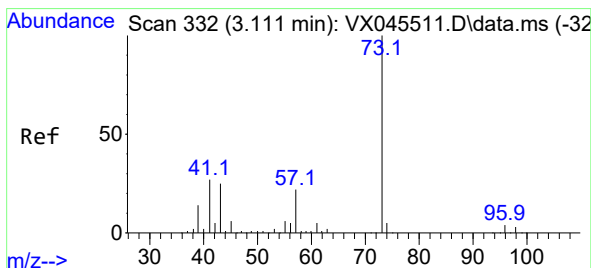
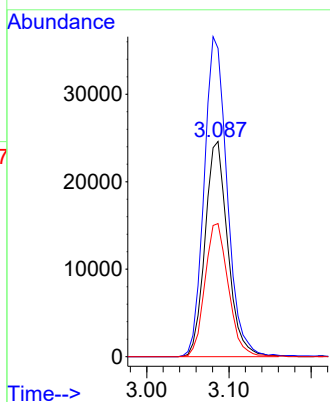
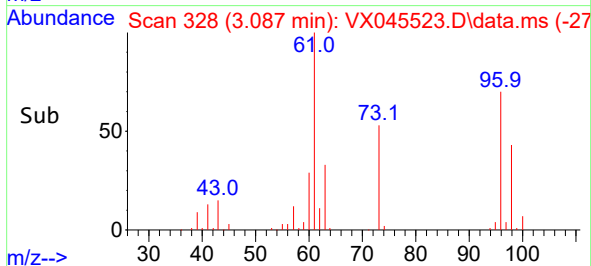


#17
trans-1,2-Dichloroethene
Concen: 49.57 ug/L
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX045523.D
Acq: 01 Apr 2025 01:43

Instrument :
MSVOA_X
ClientSampleId :

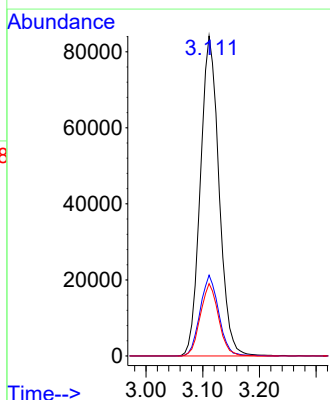
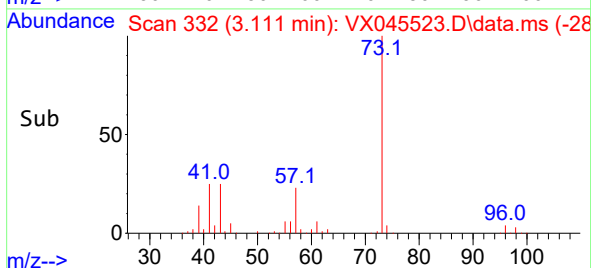
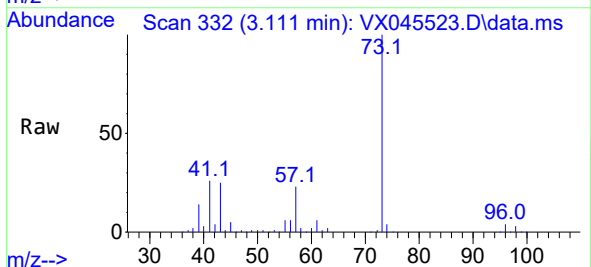


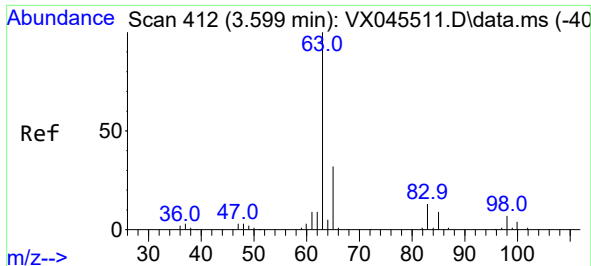
Tgt Ion: 96 Resp: 47335
Ion Ratio Lower Upper
96 100
61 143.2 98.3 182.7
98 61.9 44.1 81.9



#18
Methyl tert-butyl Ether
Concen: 57.96 ug/L
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX045523.D
Acq: 01 Apr 2025 01:43 pm

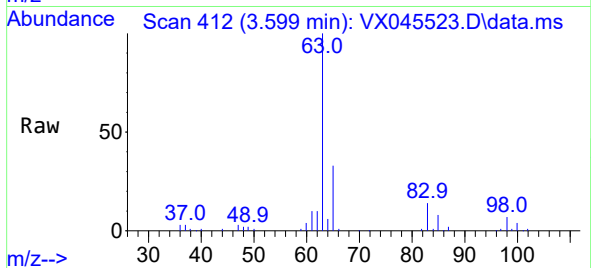
Tgt Ion: 73 Resp: 192122
Ion Ratio Lower Upper
73 100
43 25.2 16.9 25.3
57 22.0 17.4 26.0



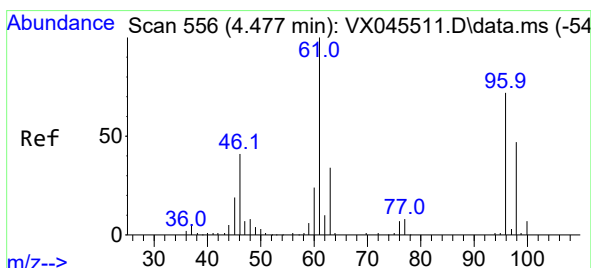
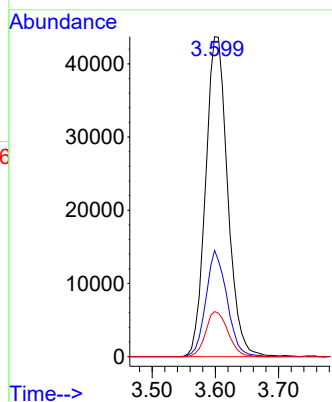
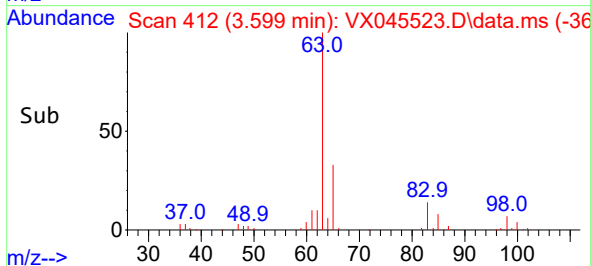


#19
1,1-Dichloroethane
Concen: 53.18 ug/L
RT: 3.599 min Scan# 412
Delta R.T. 0.000 min
Lab File: VX045523.D
Acq: 01 Apr 2025 01:43

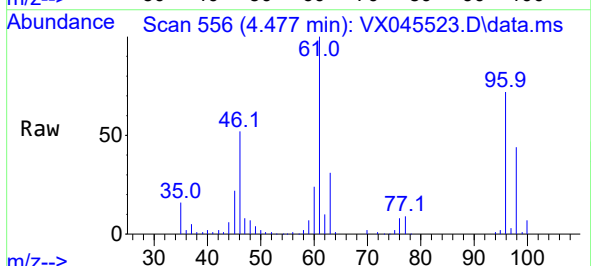
Instrument :
MSVOA_X
ClientSampleId :



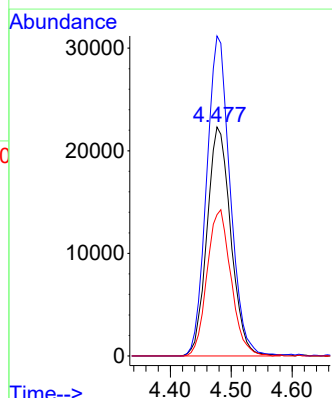
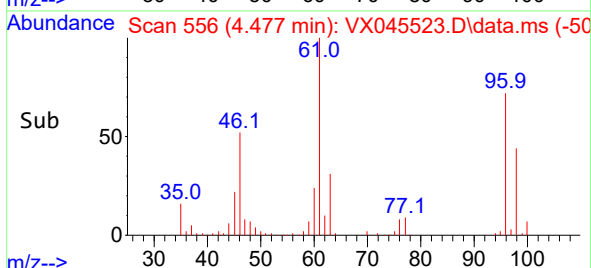
Tgt Ion: 63 Resp: 105980
Ion Ratio Lower Upper
63 100
65 33.2 21.8 40.6
83 14.1 9.4 17.4

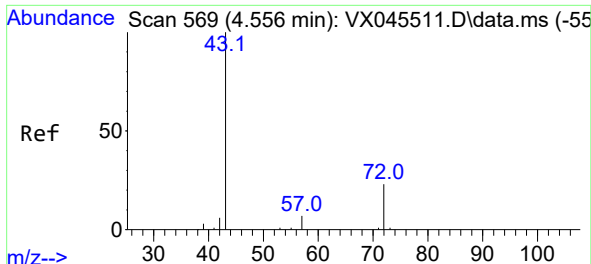


#20
cis-1,2-Dichloroethene
Concen: 55.18 ug/L
RT: 4.477 min Scan# 556
Delta R.T. 0.000 min
Lab File: VX045523.D
Acq: 01 Apr 2025 01:43 pm



Tgt Ion: 96 Resp: 60685
Ion Ratio Lower Upper
96 100
61 139.8 88.3 163.9
98 61.7 44.6 82.8

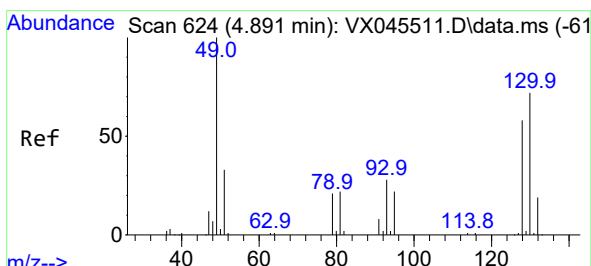
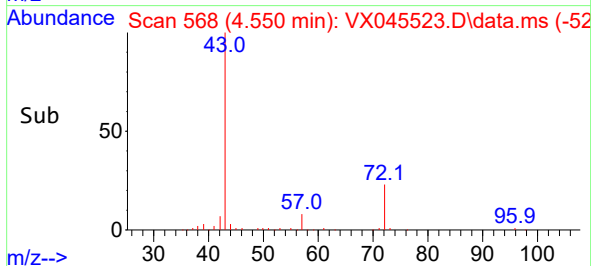
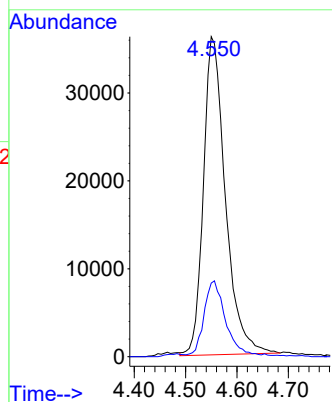
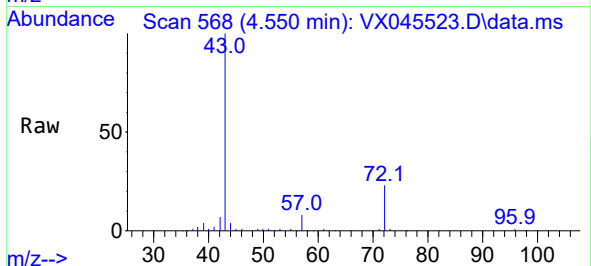




#22
2-Butanone
Concen: 112.85 ug/L
RT: 4.550 min Scan# 569
Delta R.T. -0.006 min
Lab File: VX045523.D
Acq: 01 Apr 2025 01:43

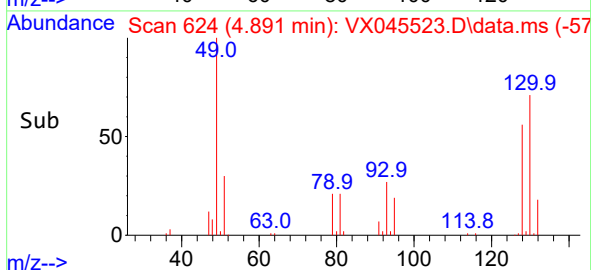
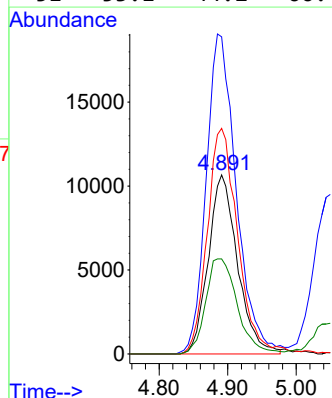
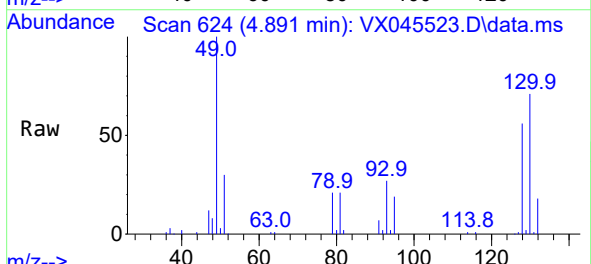
Instrument :
MSVOA_X
ClientSampleId :

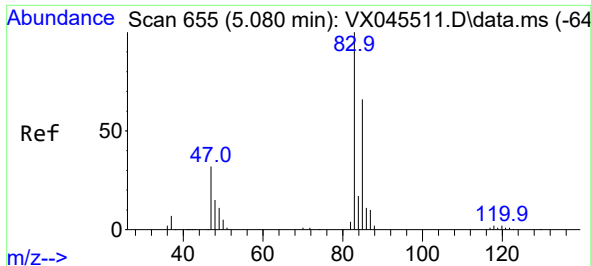
Tgt Ion: 43 Resp: 107529
Ion Ratio Lower Upper
43 100
72 23.5 13.4 40.2



#23
Bromochloromethane
Concen: 58.15 ug/L
RT: 4.891 min Scan# 624
Delta R.T. 0.000 min
Lab File: VX045523.D
Acq: 01 Apr 2025 01:43 pm

Tgt Ion:128 Resp: 31643
Ion Ratio Lower Upper
128 100
49 177.1 117.6 218.4
130 126.0 92.0 170.9
51 53.1 44.2 66.4





#25

Chloroform

Concen: 54.76 ug/L

RT: 5.086 min Scan# 6

Delta R.T. 0.006 min

Lab File: VX045523.D

Acq: 01 Apr 2025 01:43

Instrument :

MSVOA_X

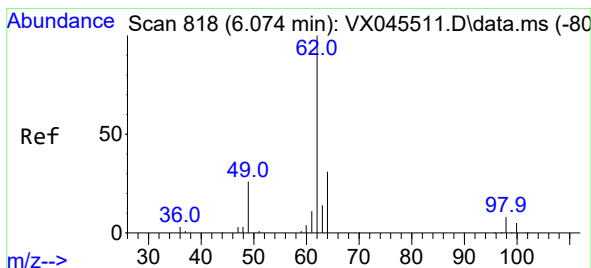
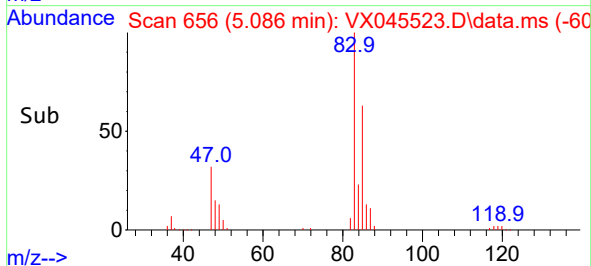
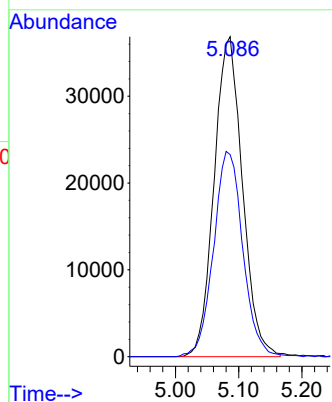
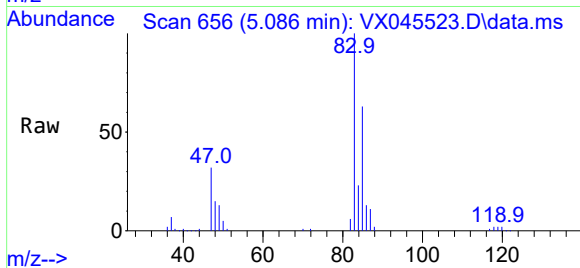
ClientSampleId :

Tgt Ion: 83 Resp: 114408

Ion Ratio Lower Upper

83 100

85 63.2 45.4 84.2



#27

1,2-Dichloroethane

Concen: 58.97 ug/L

RT: 6.080 min Scan# 819

Delta R.T. 0.006 min

Lab File: VX045523.D

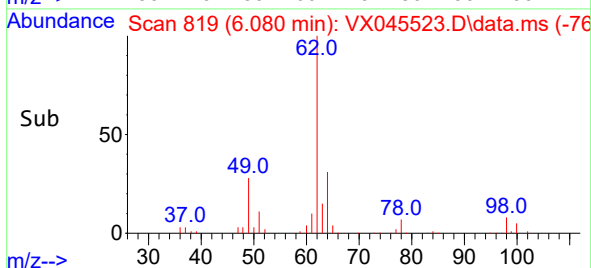
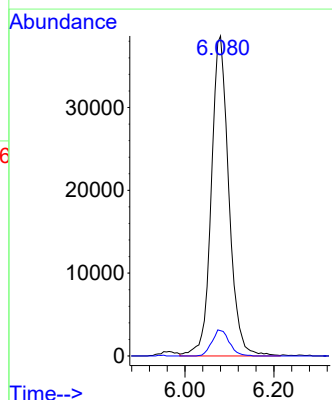
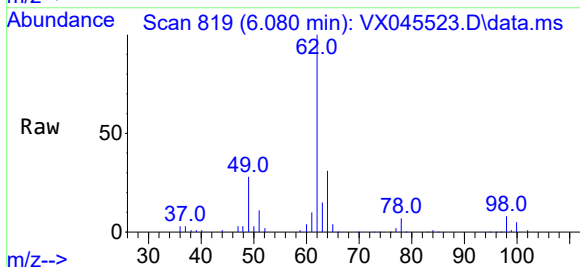
Acq: 01 Apr 2025 01:43 pm

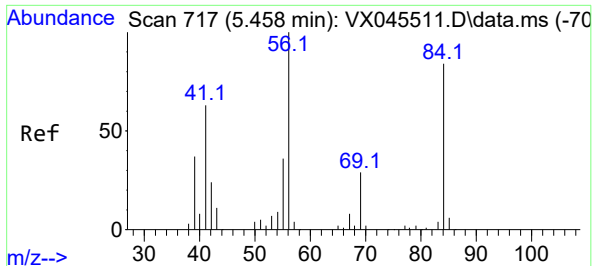
Tgt Ion: 62 Resp: 105826

Ion Ratio Lower Upper

62 100

98 7.9 7.4 11.2





#29

Cyclohexane

Concen: 39.15 ug/L

RT: 5.458 min Scan# 717

Delta R.T. 0.000 min

Lab File: VX045523.D

Acq: 01 Apr 2025 01:43

Instrument :

MSVOA_X

ClientSampleId :

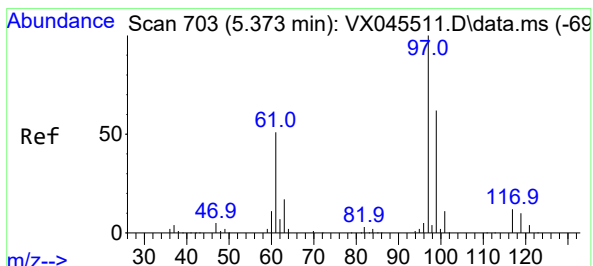
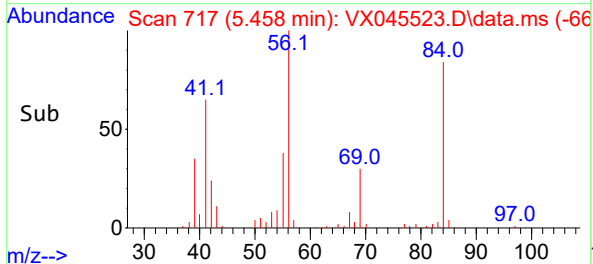
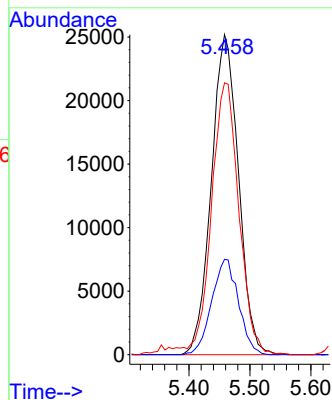
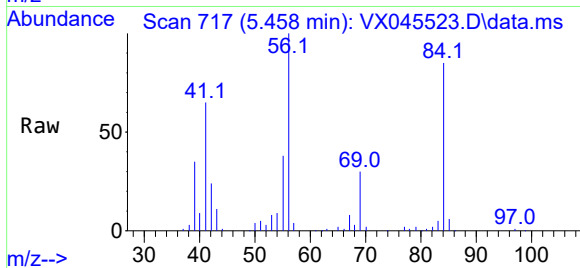
Tgt Ion: 56 Resp: 77985

Ion Ratio Lower Upper

56 100

69 29.4 25.4 38.2

84 85.1 71.6 107.4



#30

1,1,1-Trichloroethane

Concen: 45.93 ug/L

RT: 5.373 min Scan# 703

Delta R.T. 0.000 min

Lab File: VX045523.D

Acq: 01 Apr 2025 01:43 pm

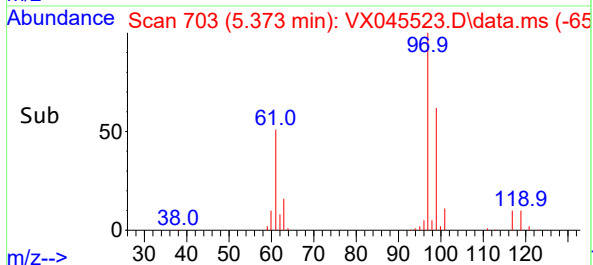
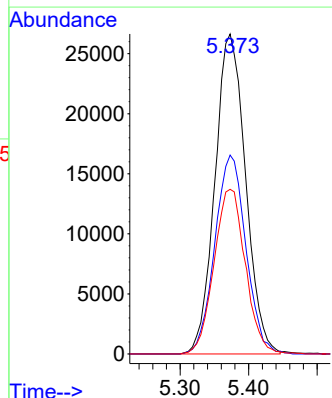
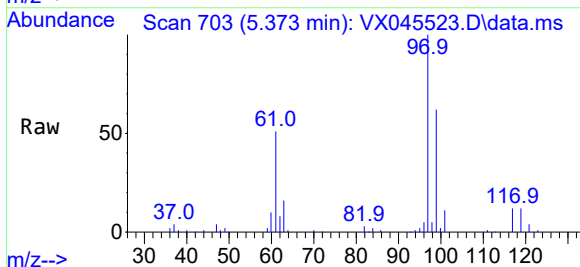
Tgt Ion: 97 Resp: 82755

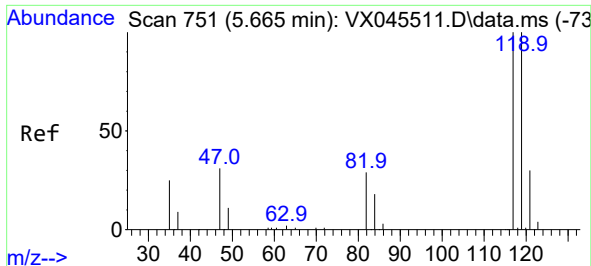
Ion Ratio Lower Upper

97 100

99 63.0 51.0 76.4

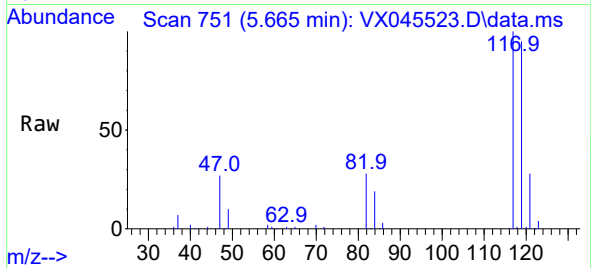
61 52.6 35.8 53.6



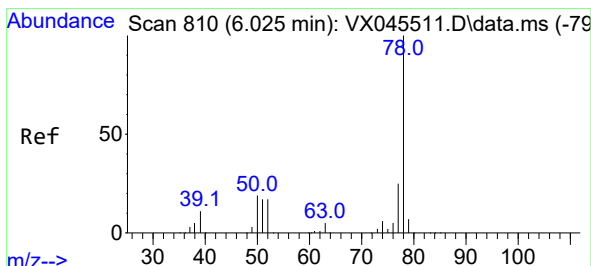
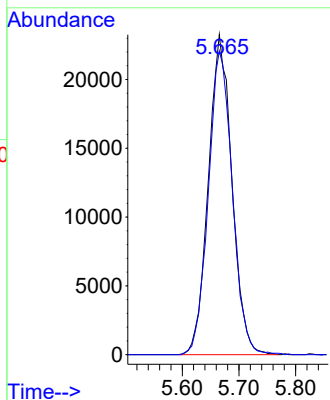
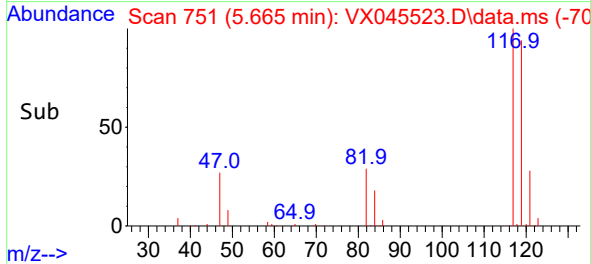


#31
Carbon tetrachloride
Concen: 42.93 ug/L
RT: 5.665 min Scan# 751
Delta R.T. 0.000 min
Lab File: VX045523.D
Acq: 01 Apr 2025 01:43

Instrument :
MSVOA_X
ClientSampleId :

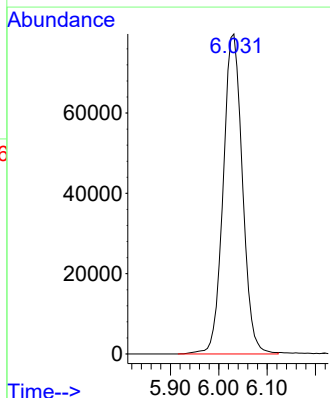
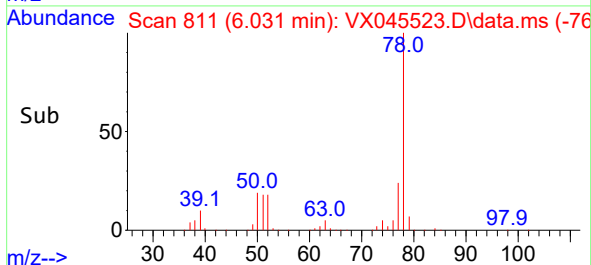
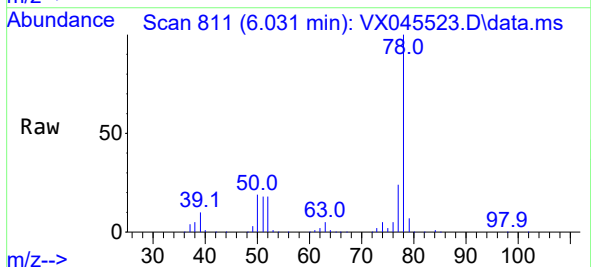


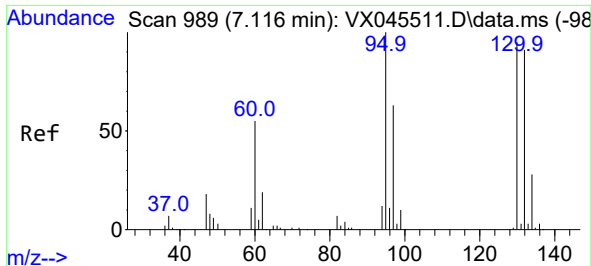
Tgt Ion:117 Resp: 67089
Ion Ratio Lower Upper
117 100
119 96.4 77.1 115.7



#33
Benzene
Concen: 51.12 ug/L
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX045523.D
Acq: 01 Apr 2025 01:43 pm

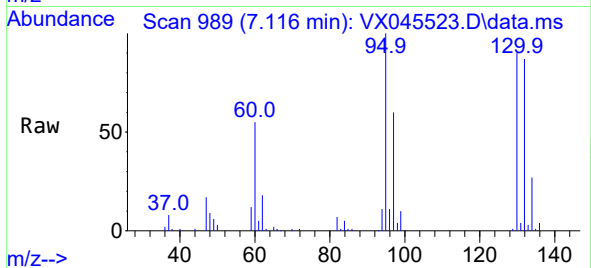
Tgt Ion: 78 Resp: 220429



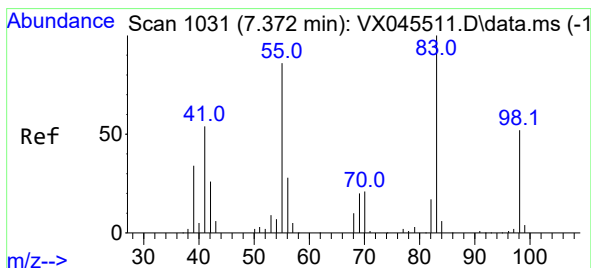
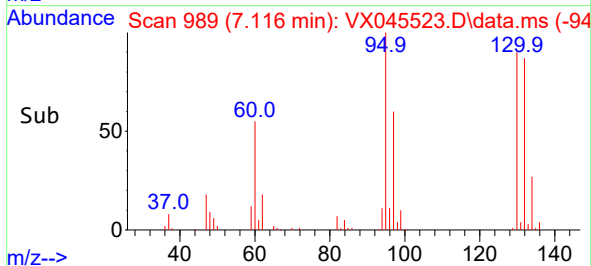
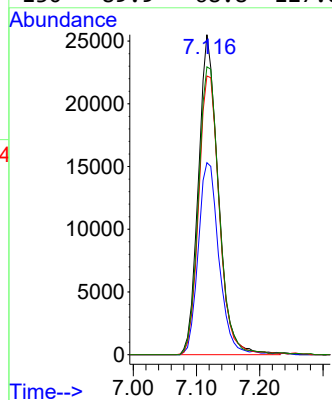


#34
Trichloroethene
Concen: 48.75 ug/L
RT: 7.116 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX045523.D
Acq: 01 Apr 2025 01:43

Instrument :
MSVOA_X
ClientSampleId :

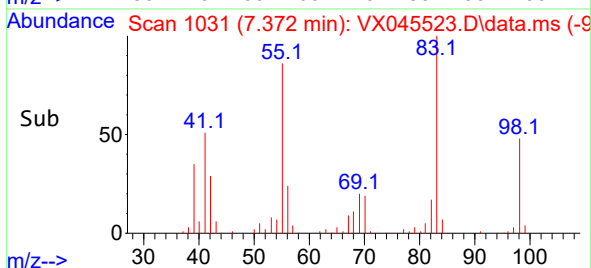
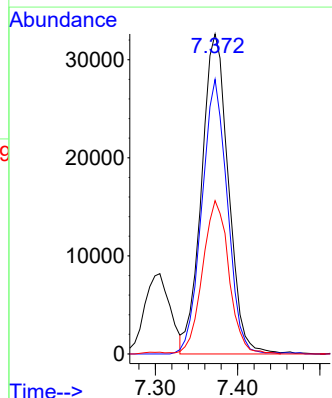
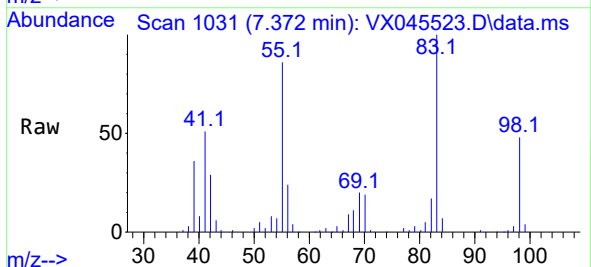


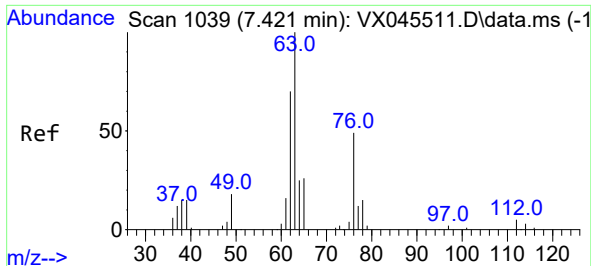
Tgt Ion: 95 Resp: 55921
Ion Ratio Lower Upper
95 100
97 60.0 46.1 85.5
132 87.1 64.5 119.9
130 89.9 68.8 127.8



#35
Methylcyclohexane
Concen: 40.35 ug/L
RT: 7.372 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VX045523.D
Acq: 01 Apr 2025 01:43 pm

Tgt Ion: 83 Resp: 73856
Ion Ratio Lower Upper
83 100
55 81.6 60.6 90.8
98 47.2 38.9 58.3

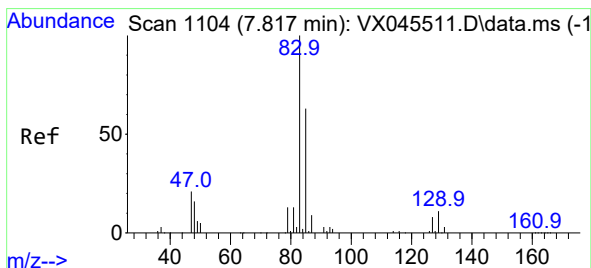
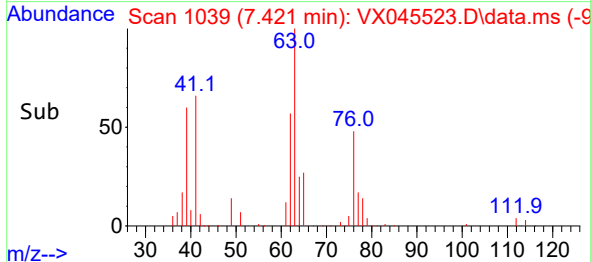
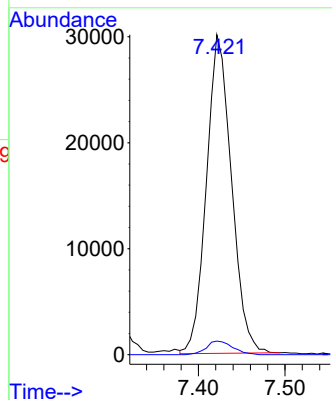
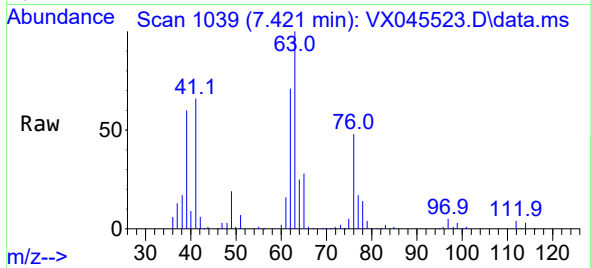




#37
1,2-Dichloropropane
Concen: 51.70 ug/L
RT: 7.421 min Scan# 1103
Delta R.T. 0.000 min
Lab File: VX045523.D
Acq: 01 Apr 2025 01:43

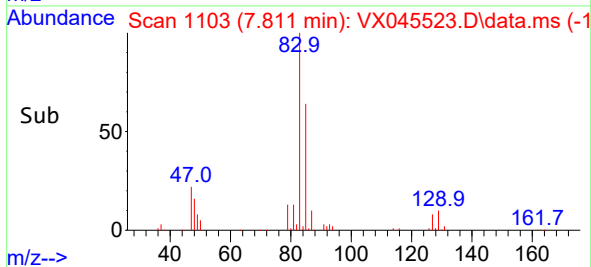
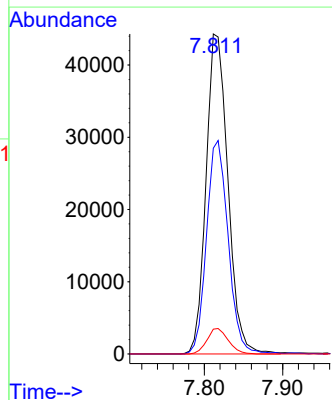
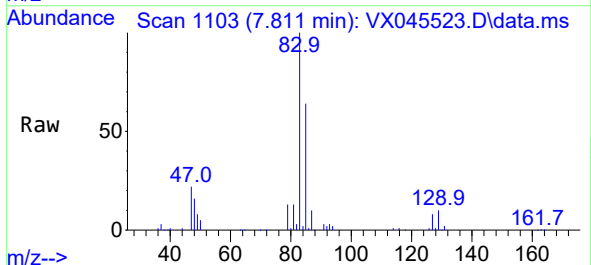
Instrument :
MSVOA_X
ClientSampleId :

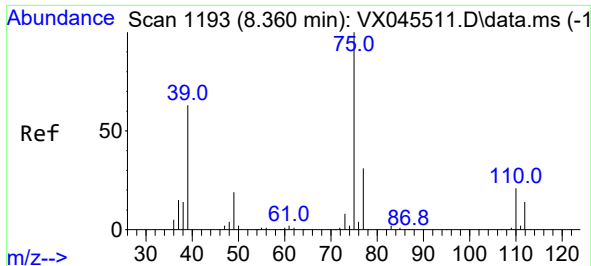
Tgt Ion: 63 Resp: 60431
Ion Ratio Lower Upper
63 100
112 4.5 3.5 5.3



#38
Bromodichloromethane
Concen: 53.52 ug/L
RT: 7.811 min Scan# 1103
Delta R.T. -0.006 min
Lab File: VX045523.D
Acq: 01 Apr 2025 01:43 pm

Tgt Ion: 83 Resp: 85931
Ion Ratio Lower Upper
83 100
85 64.3 43.8 81.3
127 7.7 6.5 9.7





#39

cis-1,3-Dichloropropene

Concen: 52.54 ug/L

RT: 8.360 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VX045523.D

Acq: 01 Apr 2025 01:43

Instrument :

MSVOA_X

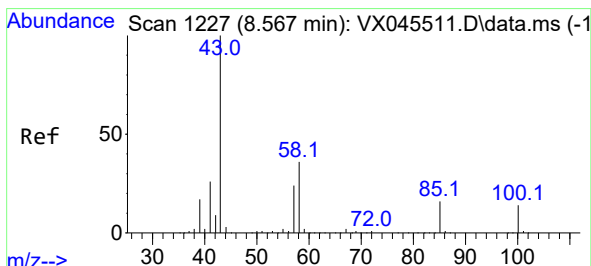
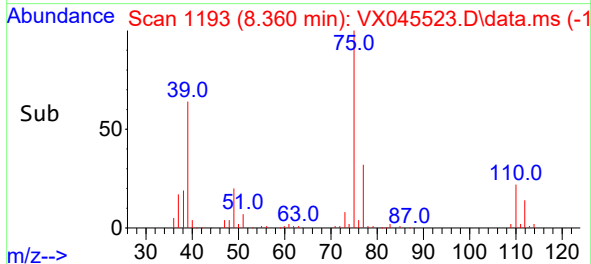
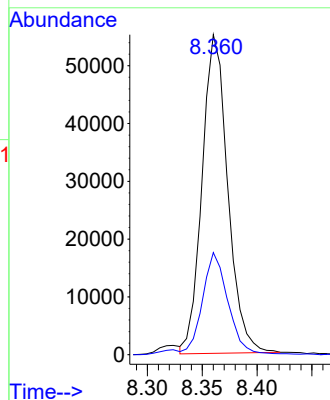
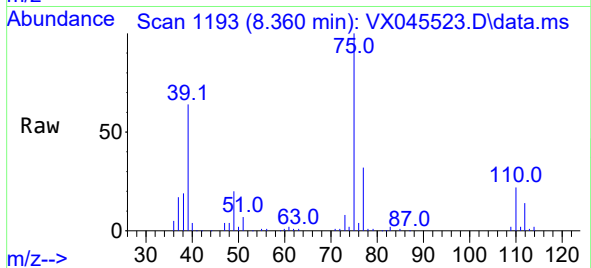
ClientSampleId :

Tgt Ion: 75 Resp: 89956

Ion Ratio Lower Upper

75 100

77 31.9 21.7 40.3



#40

4-Methyl-2-pentanone

Concen: 115.87 ug/L

RT: 8.567 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VX045523.D

Acq: 01 Apr 2025 01:43 pm

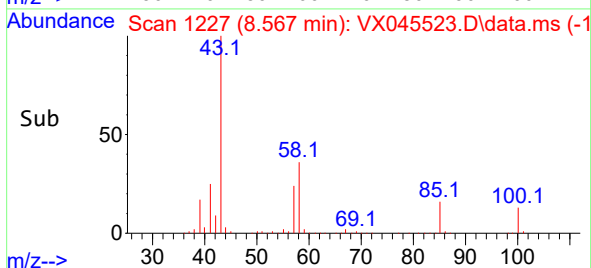
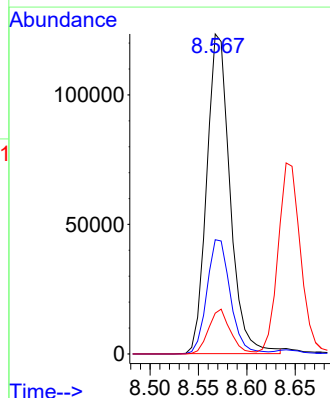
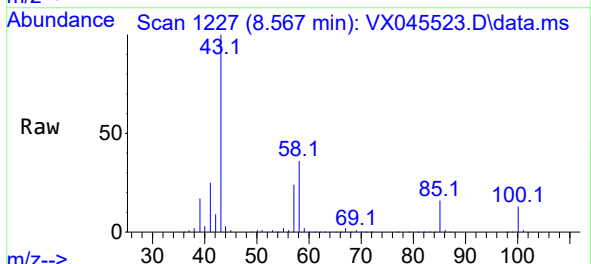
Tgt Ion: 43 Resp: 207383

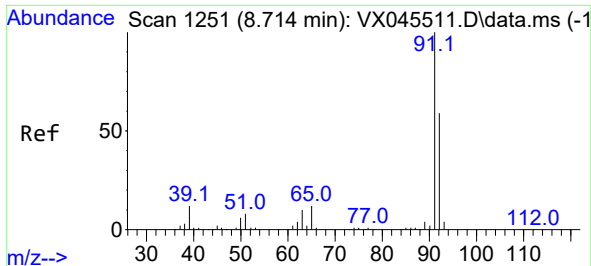
Ion Ratio Lower Upper

43 100

58 36.0 32.1 48.1

100 13.2 12.9 19.3

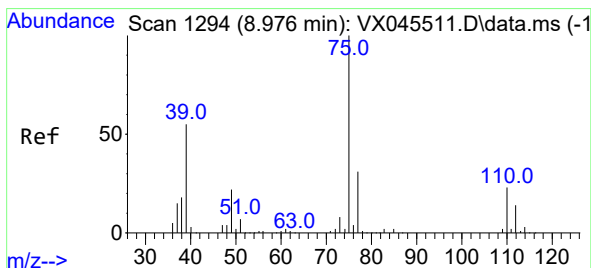
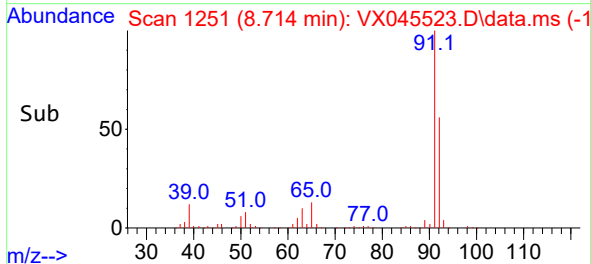
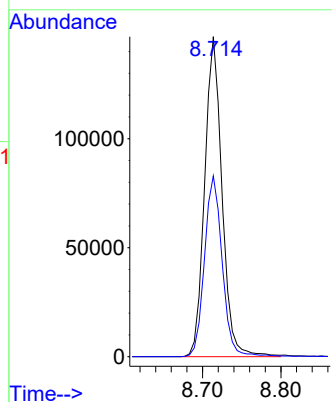
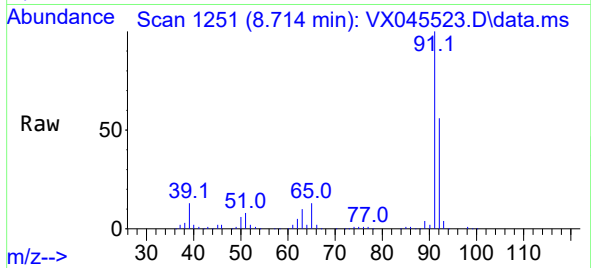




#42
Toluene
Concen: 51.06 ug/L
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX045523.D
Acq: 01 Apr 2025 01:43

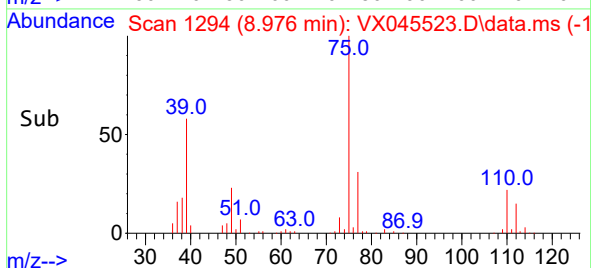
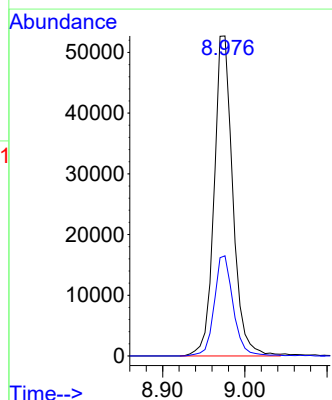
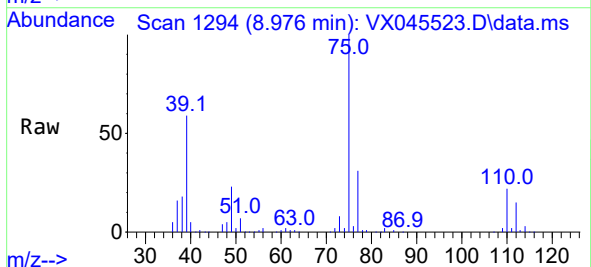
Instrument :
MSVOA_X
ClientSampleId :

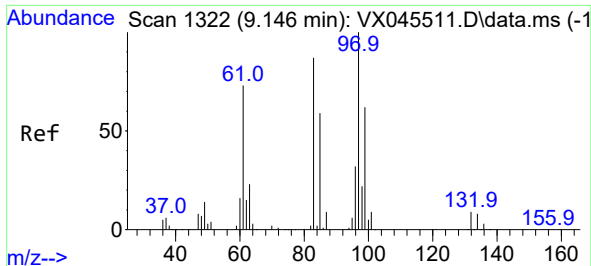
Tgt Ion: 91 Resp: 225881
Ion Ratio Lower Upper
91 100
92 56.5 40.7 75.5



#44
trans-1,3-Dichloropropene
Concen: 52.25 ug/L
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX045523.D
Acq: 01 Apr 2025 01:43 pm

Tgt Ion: 75 Resp: 83339
Ion Ratio Lower Upper
75 100
77 31.3 22.4 41.6





#45

1,1,2-Trichloroethane

Concen: 55.44 ug/L

RT: 9.147 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX045523.D

Acq: 01 Apr 2025 01:43

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 97 Resp: 62251

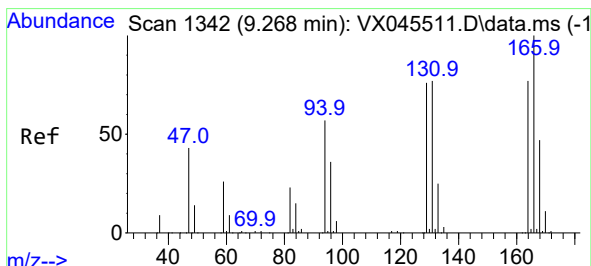
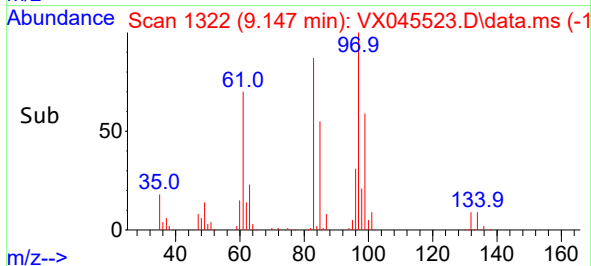
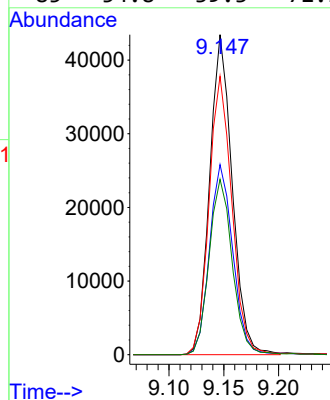
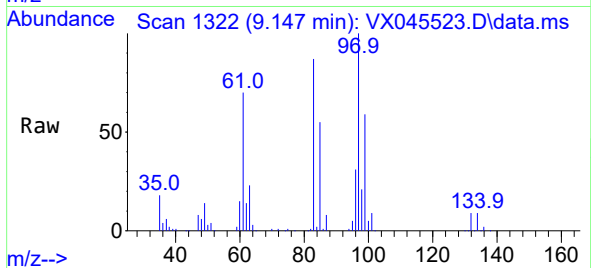
Ion Ratio Lower Upper

97 100

99 59.4 44.8 83.2

83 87.0 60.8 113.0

85 54.8 39.3 72.9



#46

Tetrachloroethene

Concen: 44.86 ug/L

RT: 9.268 min Scan# 1342

Delta R.T. 0.000 min

Lab File: VX045523.D

Acq: 01 Apr 2025 01:43 pm

Tgt Ion:164 Resp: 35246

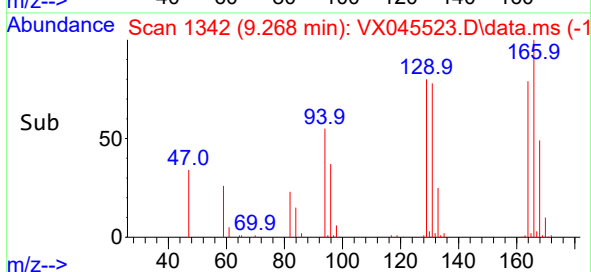
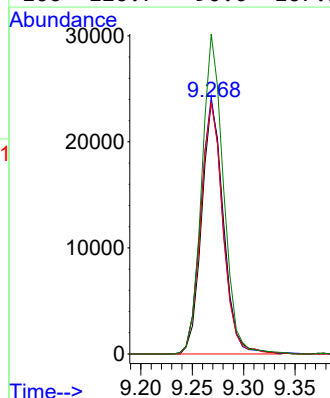
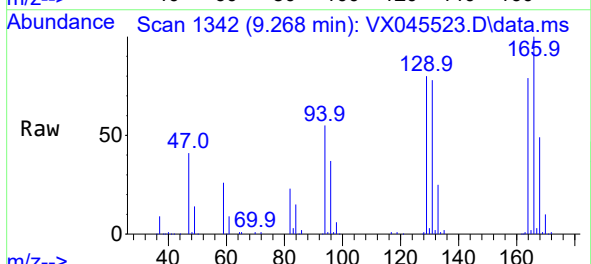
Ion Ratio Lower Upper

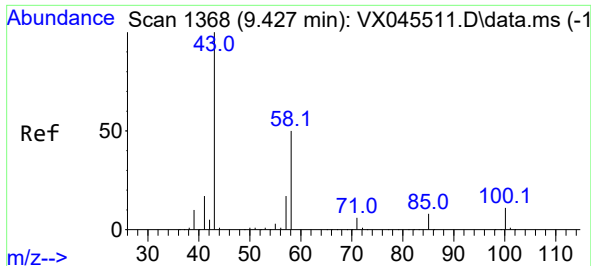
164 100

129 101.8 71.2 132.2

131 99.4 67.2 124.8

166 126.7 90.0 167.2

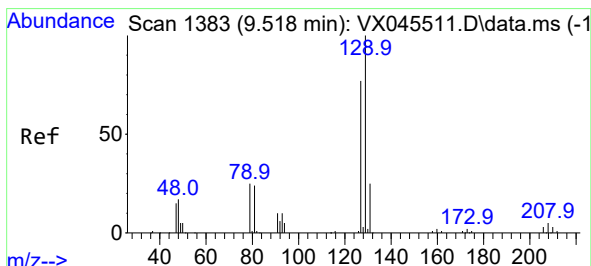
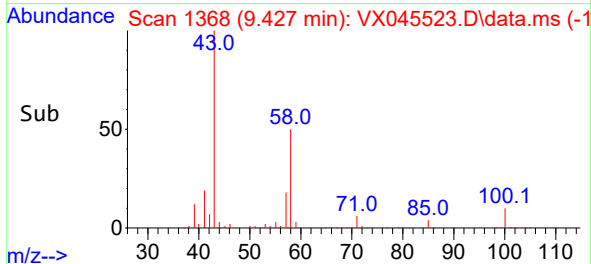
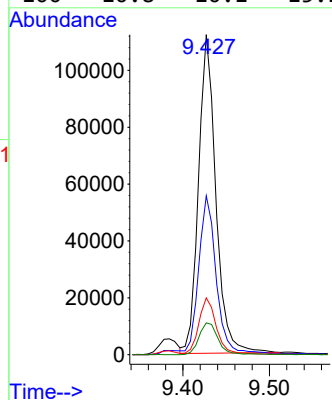
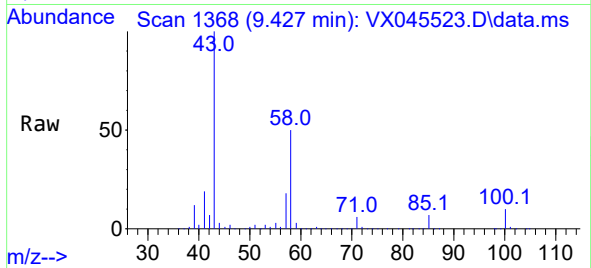




#48
2-Hexanone
Concen: 115.54 ug/L
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX045523.D
Acq: 01 Apr 2025 01:43

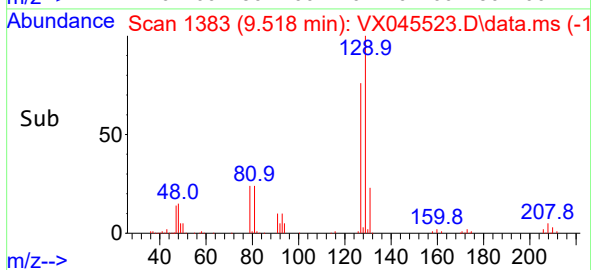
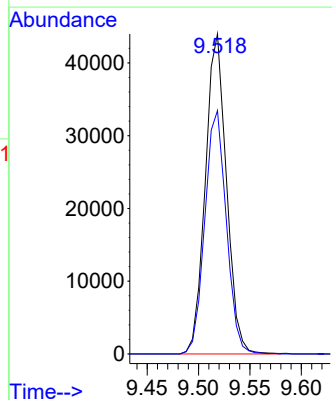
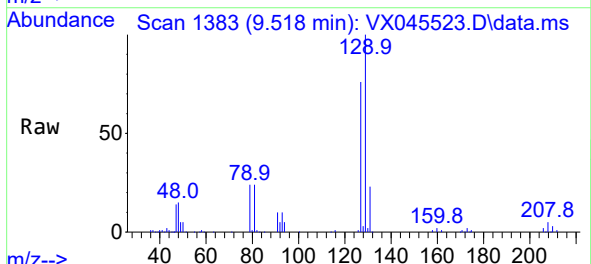
Instrument :
MSVOA_X
ClientSampleId :

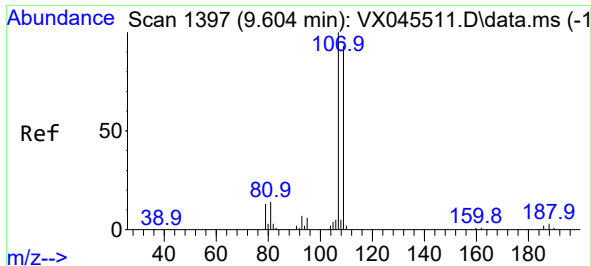
Tgt Ion: 43 Resp: 155882
Ion Ratio Lower Upper
43 100
58 49.5 44.3 66.5
57 18.4 15.9 23.9
100 10.8 10.1 15.1



#49
Dibromochloromethane
Concen: 56.14 ug/L
RT: 9.518 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX045523.D
Acq: 01 Apr 2025 01:43 pm

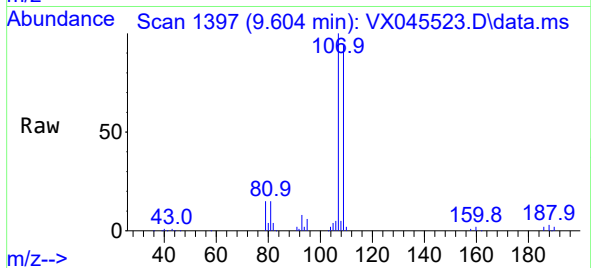
Tgt Ion: 129 Resp: 62893
Ion Ratio Lower Upper
129 100
127 76.1 53.6 99.6



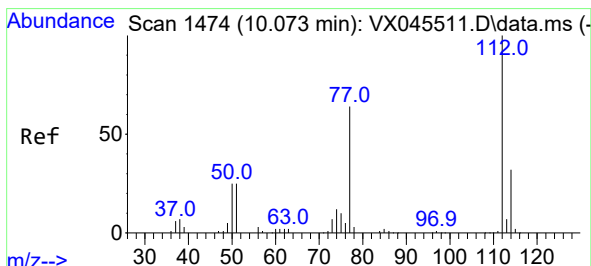
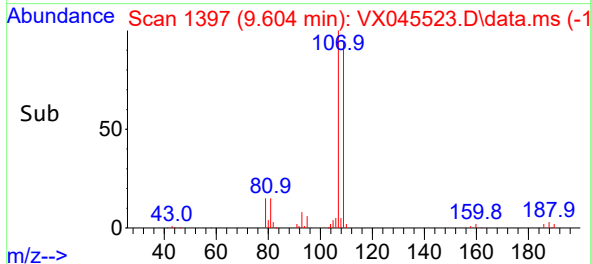
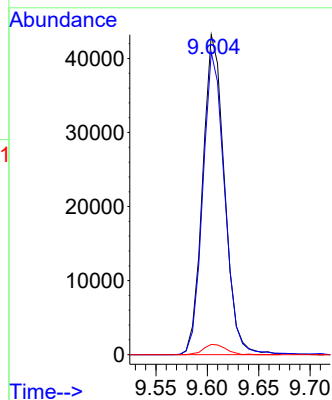


#50
1,2-Dibromoethane
Concen: 54.62 ug/L
RT: 9.604 min Scan# 1397
Delta R.T. 0.000 min
Lab File: VX045523.D
Acq: 01 Apr 2025 01:43

Instrument :
MSVOA_X
ClientSampleId :

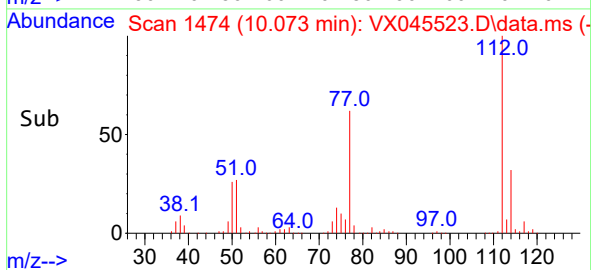
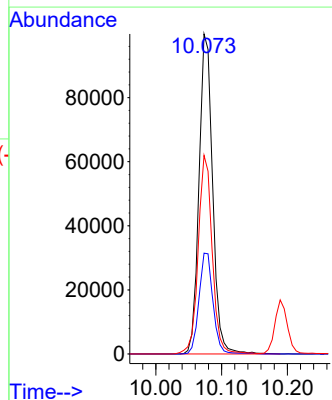
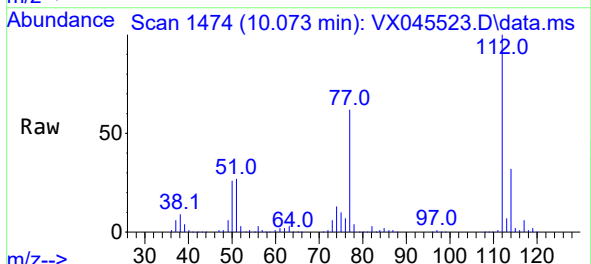


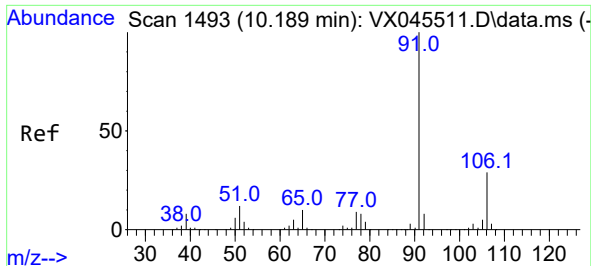
Tgt Ion:107 Resp: 63812
Ion Ratio Lower Upper
107 100
109 94.5 67.2 124.8
188 3.2 2.2 3.4



#51
Chlorobenzene
Concen: 51.77 ug/L
RT: 10.073 min Scan# 1474
Delta R.T. 0.000 min
Lab File: VX045523.D
Acq: 01 Apr 2025 01:43 pm

Tgt Ion:112 Resp: 143679
Ion Ratio Lower Upper
112 100
114 31.5 22.4 41.6
77 62.1 49.2 73.8

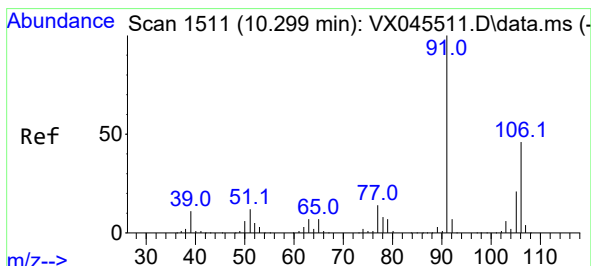
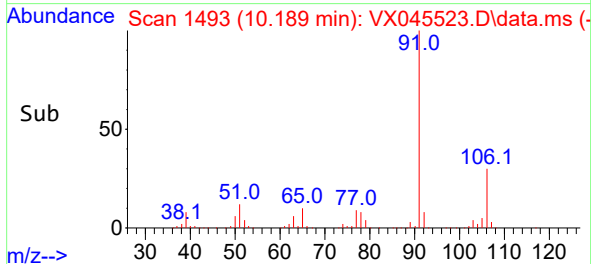
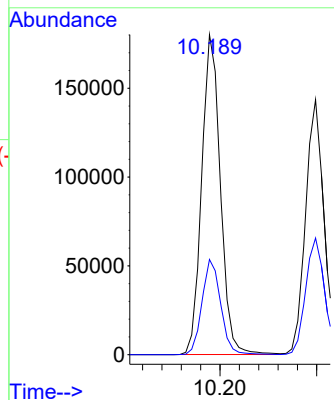
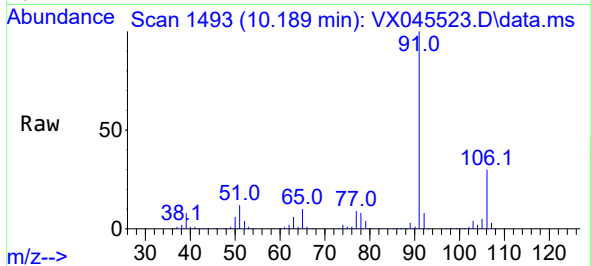




#52
Ethylbenzene
Concen: 48.66 ug/L
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX045523.D
Acq: 01 Apr 2025 01:43

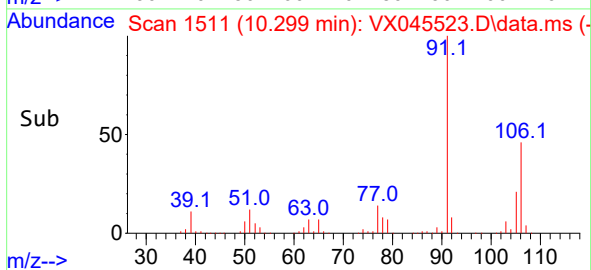
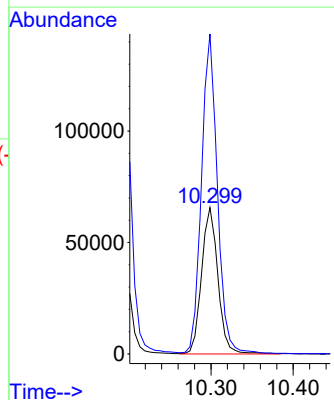
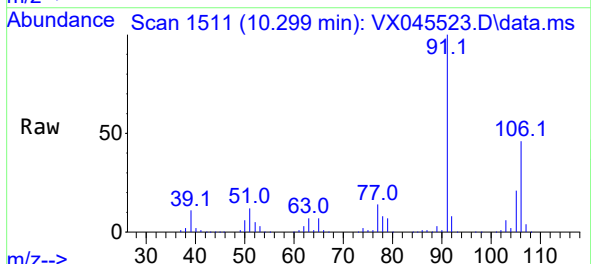
Instrument :
MSVOA_X
ClientSampleId :

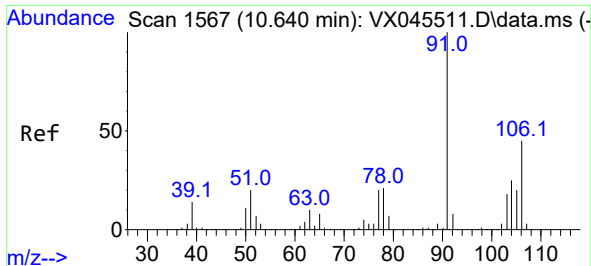
Tgt Ion: 91 Resp: 242290
Ion Ratio Lower Upper
91 100
106 29.8 21.1 39.3



#53
m,p-Xylene
Concen: 50.21 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX045523.D
Acq: 01 Apr 2025 01:43 pm

Tgt Ion:106 Resp: 90639
Ion Ratio Lower Upper
106 100
91 218.7 145.2 269.6

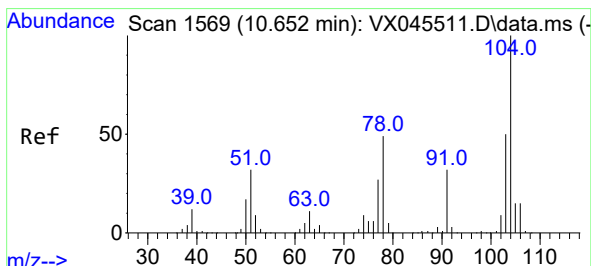
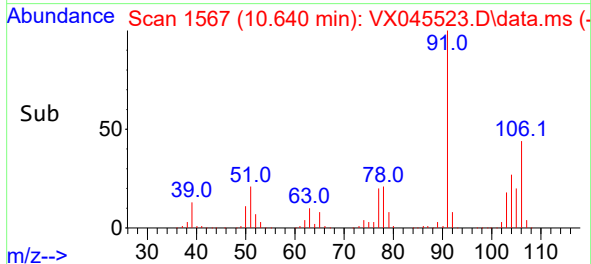
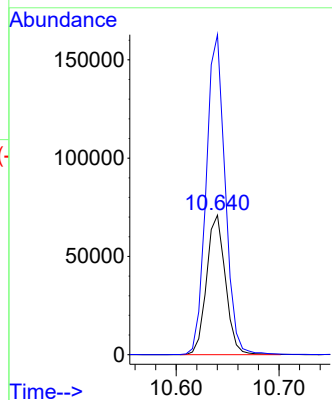
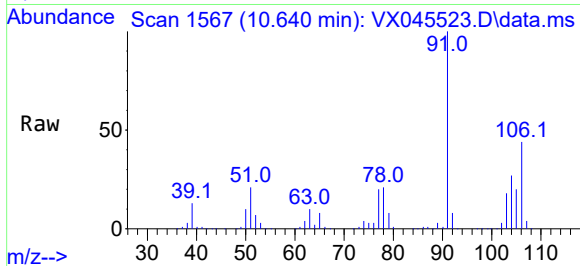




#54
o-Xylene
Concen: 51.21 ug/L
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX045523.D
Acq: 01 Apr 2025 01:43

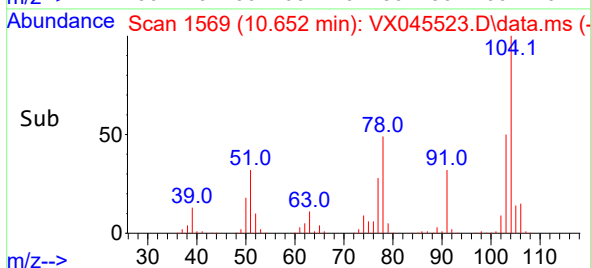
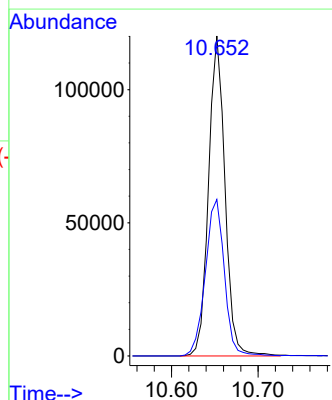
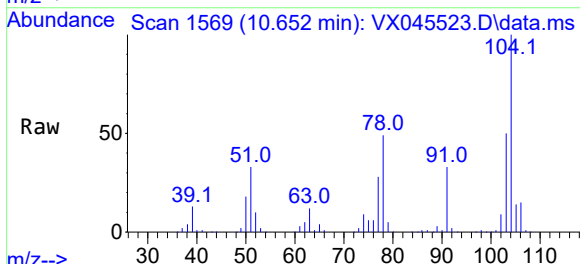
Instrument :
MSVOA_X
ClientSampleId :

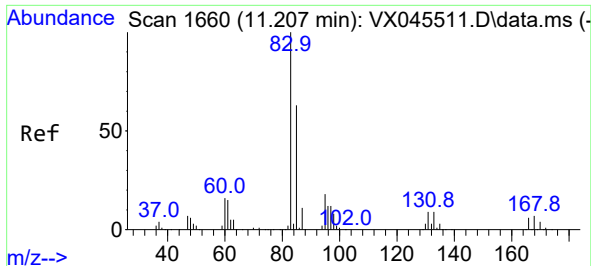
Tgt Ion:106 Resp: 90810
Ion Ratio Lower Upper
106 100
91 229.4 153.2 284.4



#55
Styrene
Concen: 53.34 ug/L
RT: 10.652 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX045523.D
Acq: 01 Apr 2025 01:43 pm

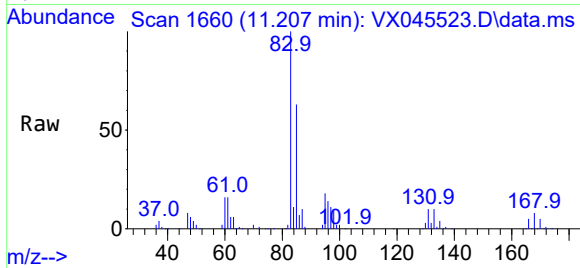
Tgt Ion:104 Resp: 158301
Ion Ratio Lower Upper
104 100
78 48.9 32.7 60.7



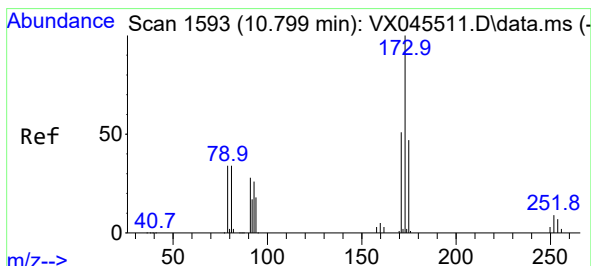
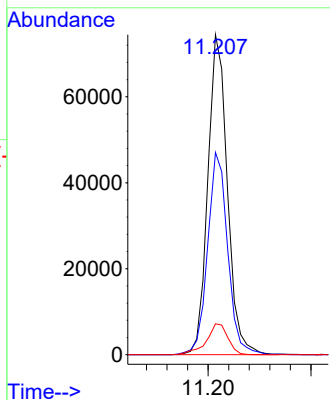
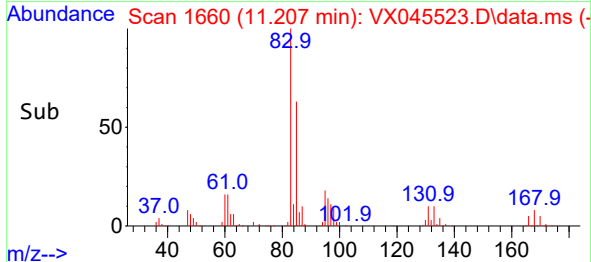


#57
1,1,2,2-Tetrachloroethane
Concen: 55.88 ug/L
RT: 11.207 min Scan# 1660
Delta R.T. 0.000 min
Lab File: VX045523.D
Acq: 01 Apr 2025 01:43

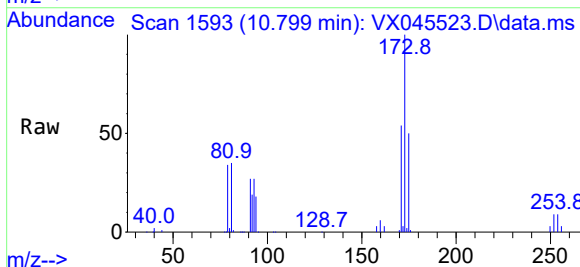
Instrument :
MSVOA_X
ClientSampleId :



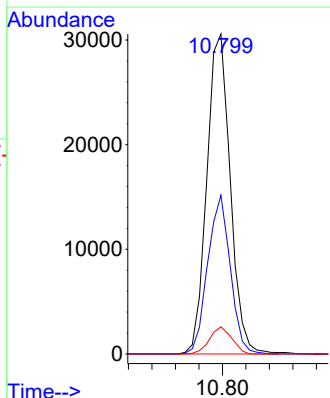
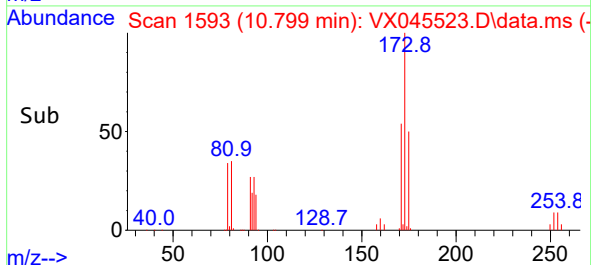
Tgt Ion: 83 Resp: 98616
Ion Ratio Lower Upper
83 100
85 63.2 44.9 83.5
131 9.6 8.0 12.0

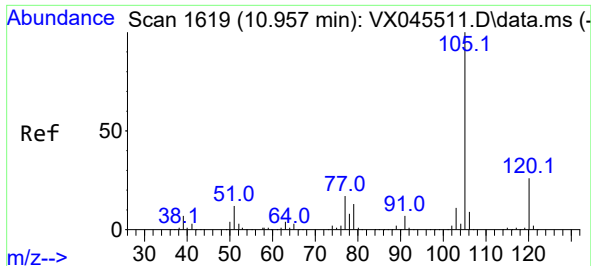


#59
Bromoform
Concen: 57.36 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX045523.D
Acq: 01 Apr 2025 01:43 pm



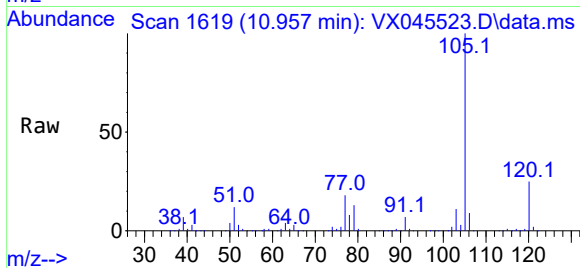
Tgt Ion: 173 Resp: 42367
Ion Ratio Lower Upper
173 100
175 47.7 38.6 58.0
254 8.0 6.6 10.0



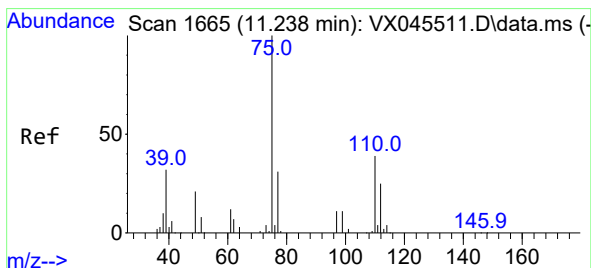
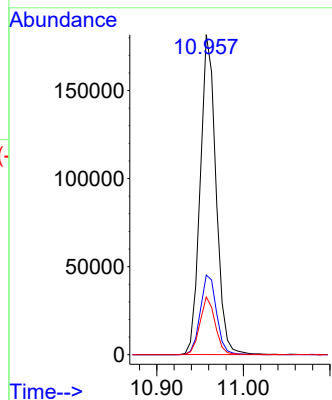
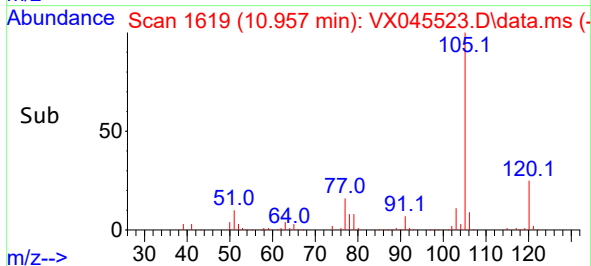


#60
Isopropylbenzene
Concen: 48.16 ug/L
RT: 10.957 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VX045523.D
Acq: 01 Apr 2025 01:43

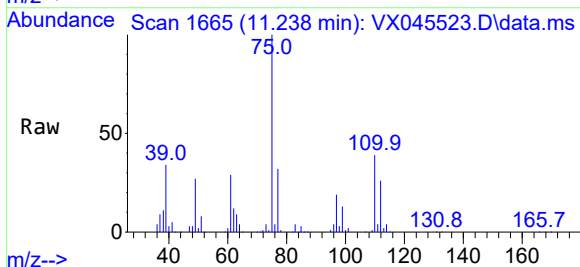
Instrument :
MSVOA_X
ClientSampleId :



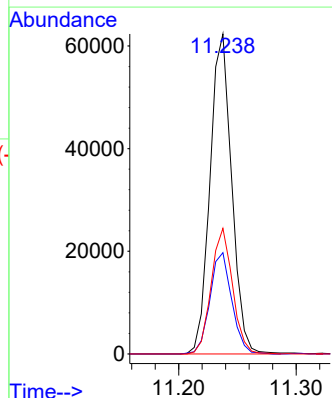
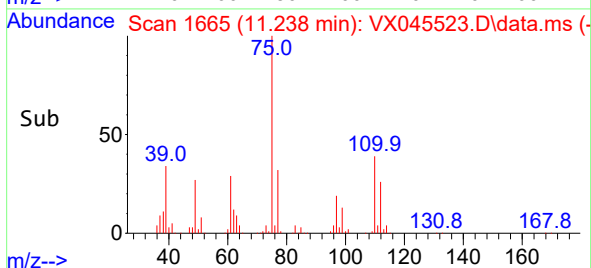
Tgt Ion:105 Resp: 229852
Ion Ratio Lower Upper
105 100
120 25.7 20.9 31.3
77 17.5 12.6 19.0

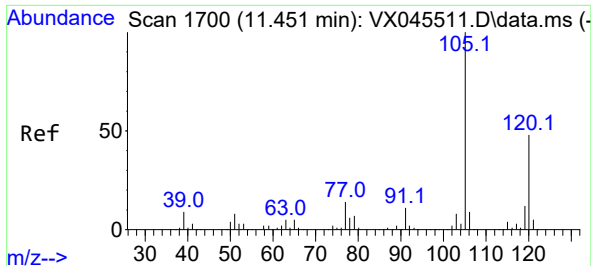


#61
1,2,3-Trichloropropane
Concen: 56.10 ug/L
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX045523.D
Acq: 01 Apr 2025 01:43 pm



Tgt Ion: 75 Resp: 80020
Ion Ratio Lower Upper
75 100
77 31.9 25.8 38.6
110 38.7 30.8 46.2

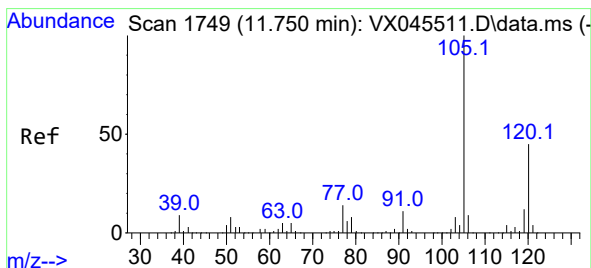
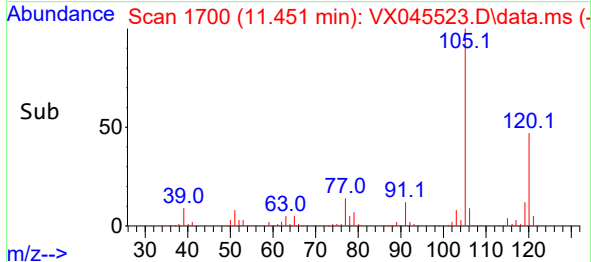
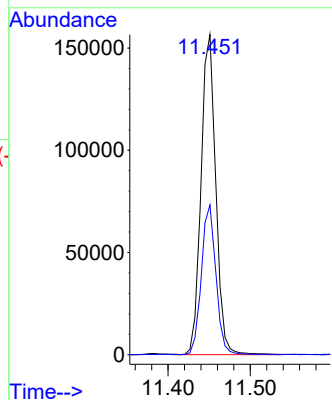
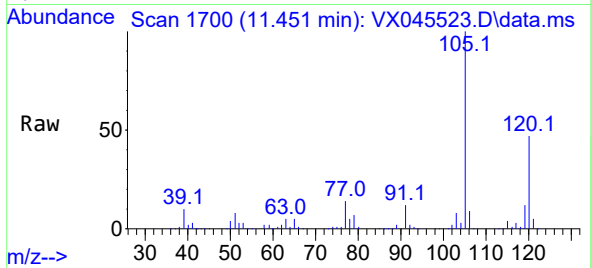




#62
1,3,5-Trimethylbenzene
Concen: 50.00 ug/L
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX045523.D
Acq: 01 Apr 2025 01:43

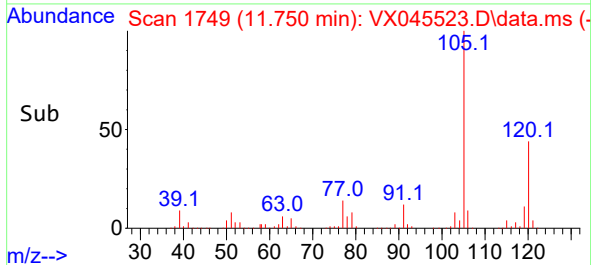
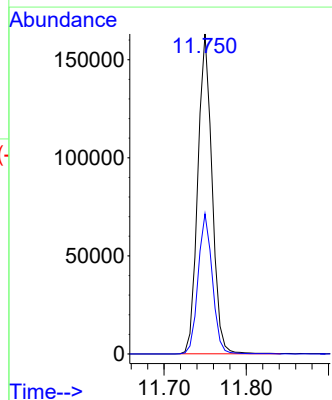
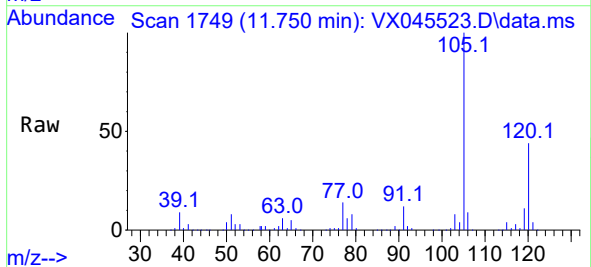
Instrument :
MSVOA_X
ClientSampleId :

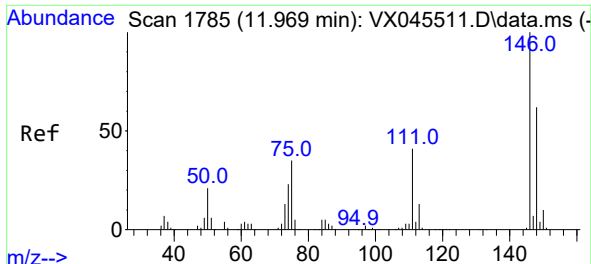
Tgt Ion:105 Resp: 195192
Ion Ratio Lower Upper
105 100
120 45.8 38.3 57.5



#63
1,2,4-Trimethylbenzene
Concen: 51.16 ug/L
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX045523.D
Acq: 01 Apr 2025 01:43 pm

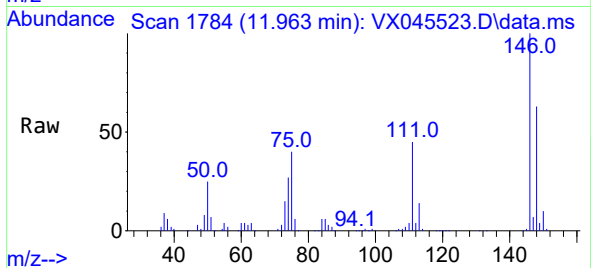
Tgt Ion:105 Resp: 196042
Ion Ratio Lower Upper
105 100
120 43.8 35.7 53.5



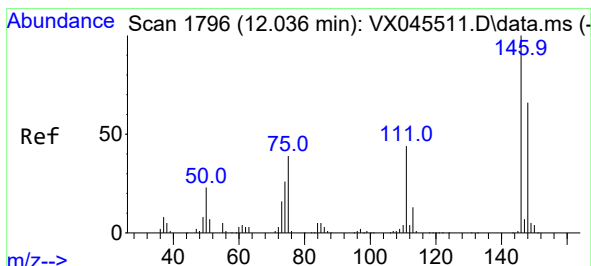
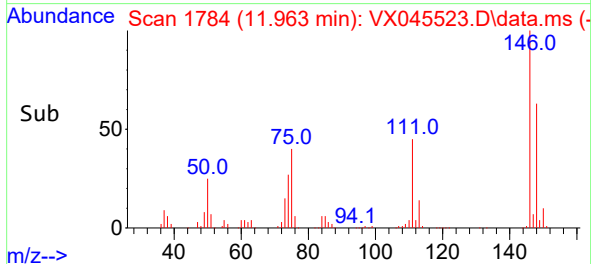
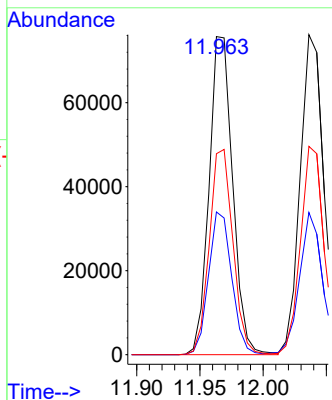


#64
1,3-Dichlorobenzene
Concen: 50.67 ug/L
RT: 11.963 min Scan# 1784
Delta R.T. -0.006 min
Lab File: VX045523.D
Acq: 01 Apr 2025 01:43

Instrument :
MSVOA_X
ClientSampleId :

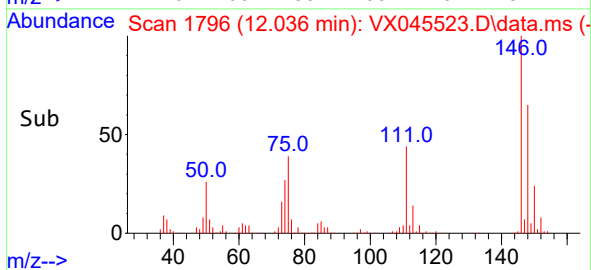
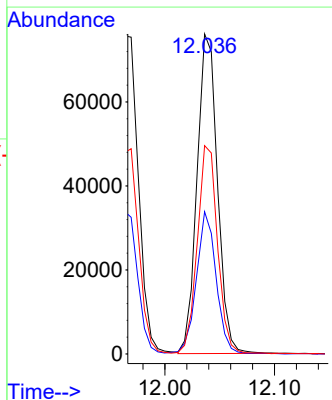
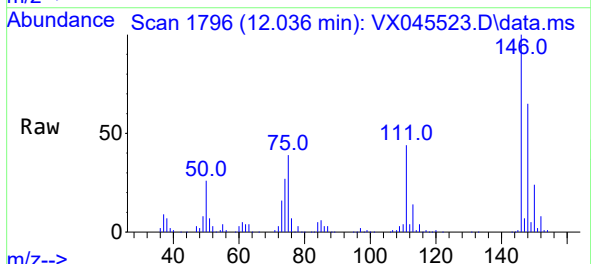


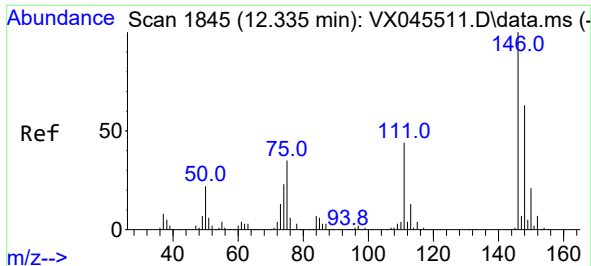
Tgt Ion:146 Resp: 98253
Ion Ratio Lower Upper
146 100
111 44.9 29.5 54.9
148 63.2 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 50.97 ug/L
RT: 12.036 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VX045523.D
Acq: 01 Apr 2025 01:43 pm

Tgt Ion:146 Resp: 98553
Ion Ratio Lower Upper
146 100
111 44.5 29.7 55.1
148 65.1 43.5 80.7





#67

1,2-Dichlorobenzene

Concen: 52.54 ug/L

RT: 12.335 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX045523.D

Acq: 01 Apr 2025 01:43

Instrument :

MSVOA_X

ClientSampleId :

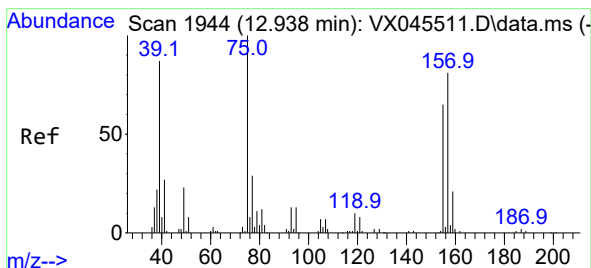
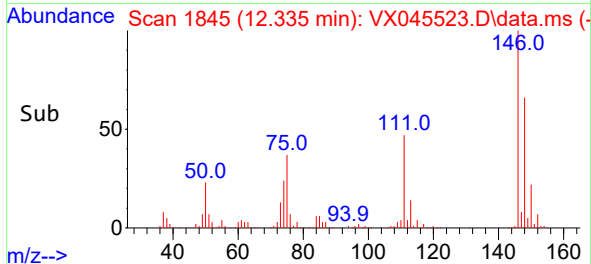
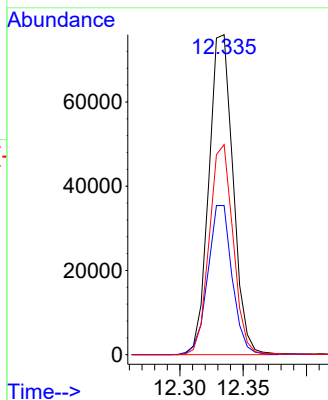
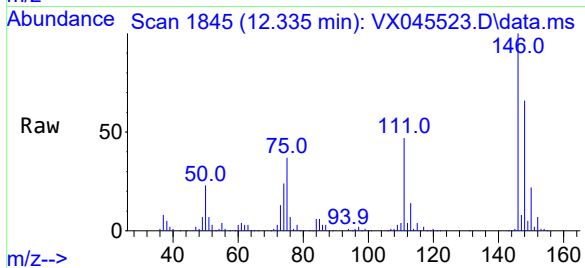
Tgt Ion:146 Resp: 101330

Ion Ratio Lower Upper

146 100

111 46.6 36.1 54.1

148 65.7 51.5 77.3



#68

1,2-Dibromo-3-chloropropane

Concen: 56.41 ug/L

RT: 12.939 min Scan# 1944

Delta R.T. 0.000 min

Lab File: VX045523.D

Acq: 01 Apr 2025 01:43 pm

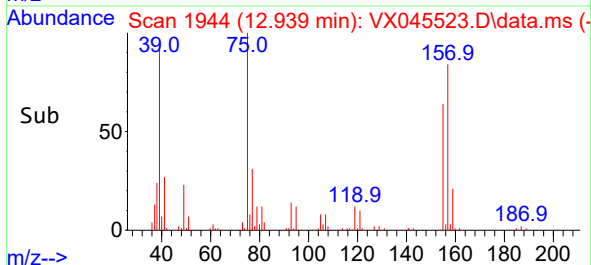
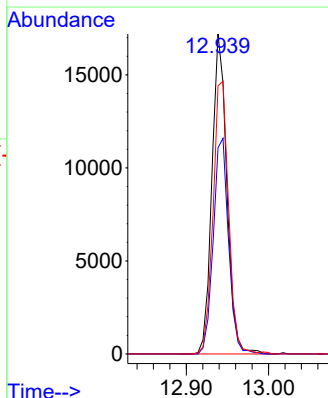
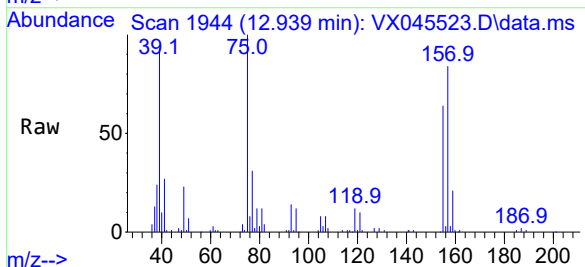
Tgt Ion: 75 Resp: 21635

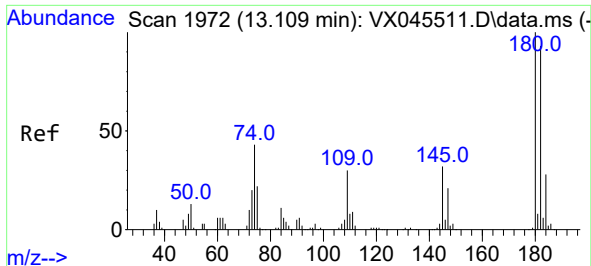
Ion Ratio Lower Upper

75 100

155 64.4 62.5 93.7

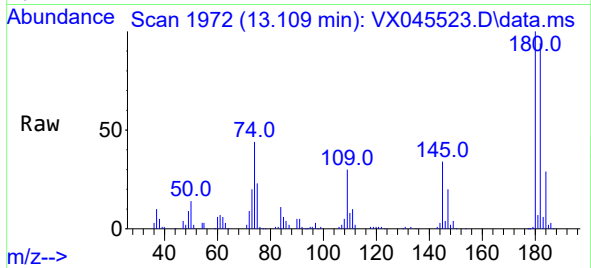
157 83.8 83.5 125.3



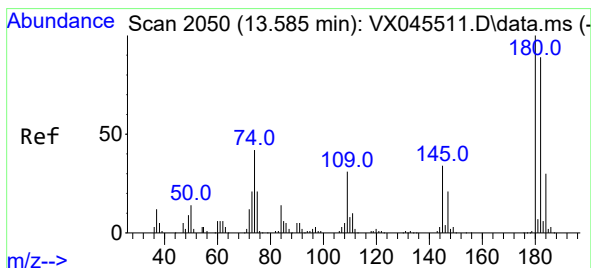
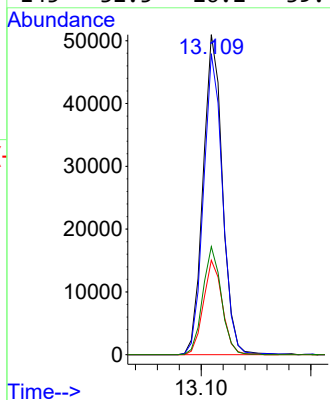
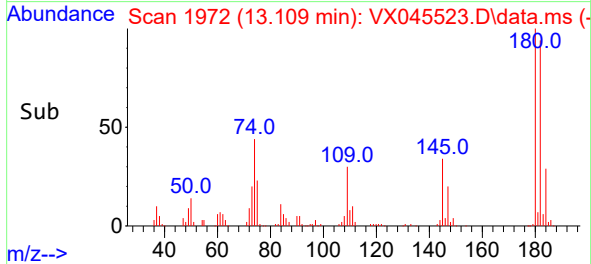


#69
 1,3,5-Trichlorobenzene
 Concen: 50.76 ug/L
 RT: 13.109 min Scan# 1972
 Delta R.T. 0.000 min
 Lab File: VX045523.D
 Acq: 01 Apr 2025 01:43

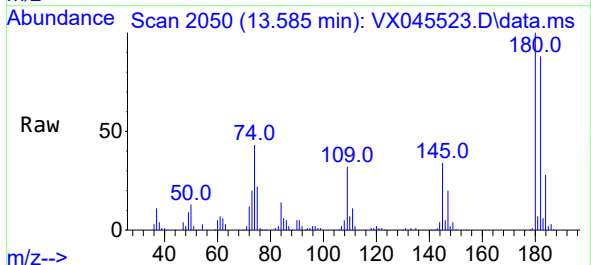
Instrument :
 MSVOA_X
 ClientSampleId :



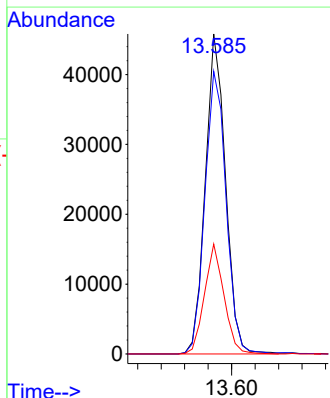
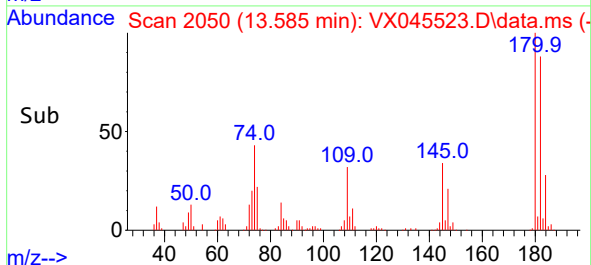
Tgt Ion:180 Resp: 62305
 Ion Ratio Lower Upper
 180 100
 182 92.8 77.0 115.6
 184 28.8 24.0 36.0
 145 32.5 26.2 39.4

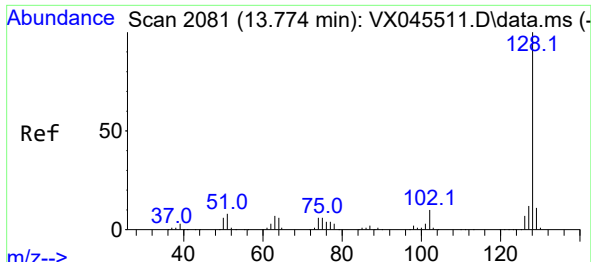


#70
 1,2,4-trichlorobenzene
 Concen: 50.40 ug/L
 RT: 13.585 min Scan# 2050
 Delta R.T. 0.000 min
 Lab File: VX045523.D
 Acq: 01 Apr 2025 01:43 pm



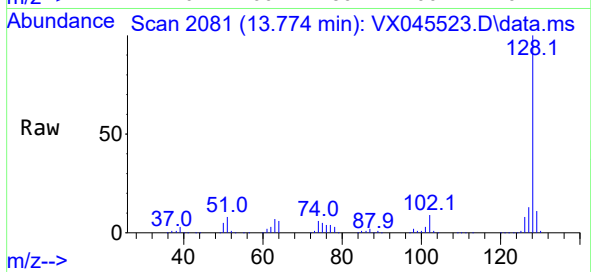
Tgt Ion:180 Resp: 54555
 Ion Ratio Lower Upper
 180 100
 182 92.5 76.5 114.7
 145 33.2 27.0 40.4



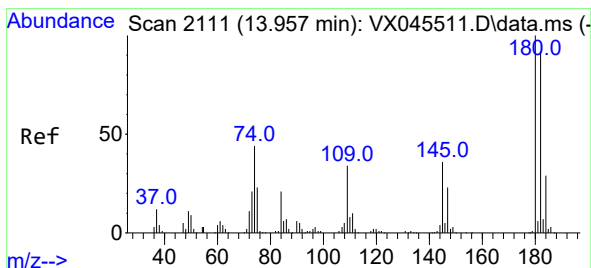
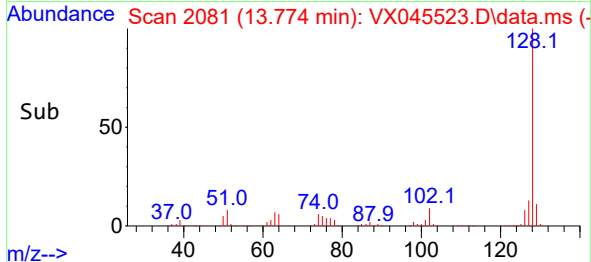
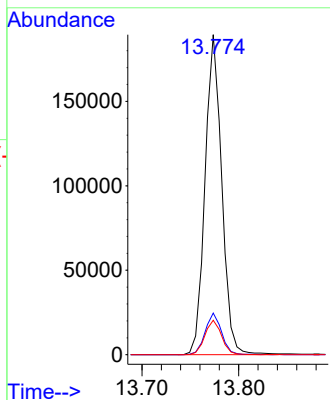


#71
Naphthalene
Concen: 55.67 ug/L
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX045523.D
Acq: 01 Apr 2025 01:43

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 227912
Ion Ratio Lower Upper
128 100
127 12.7 10.1 15.1
129 10.8 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 52.91 ug/L
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX045523.D
Acq: 01 Apr 2025 01:43 pm

Tgt Ion:180 Resp: 58871
Ion Ratio Lower Upper
180 100
182 93.5 77.1 115.7
145 35.6 28.3 42.5

