

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012225\
 Data File : VX044697.D
 Acq On : 22 Jan 2025 15:39
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 23 00:52:48 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML012125WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 23 00:51:10 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.751	114	231436	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.049	117	198939	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	83231	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	91302	45.712	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.420%
7) Chloroethane-d5	1.648	69	15086	29.318	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	58.640%#
11) 1,1-Dichloroethene-d2	2.294	65	28733	38.103	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.200%
21) 2-Butanone-d5	4.452	46	119368	119.219	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	119.220%
24) Chloroform-d	5.044	84	155147	46.997	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.000%
26) 1,2-Dichloroethane-d4	5.946	65	96485	44.313	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.620%
32) Benzene-d6	5.958	84	315251	47.483	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.960%
36) 1,2-Dichloropropane-d6	7.299	67	100401	47.844	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.680%
41) Toluene-d8	8.641	98	277923	46.826	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.660%
43) trans-1,3-Dichloroprop...	8.945	79	50142	46.622	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.240%
47) 2-Hexanone-d5	9.384	63	68034	112.846	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.850%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	130598	51.627	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.260%
66) 1,2-Dichlorobenzene-d4	12.317	152	85444	47.771	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.540%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	59042	43.648	ug/L	96
3) Chloromethane	1.294	50	94342	57.628	ug/L	100
5) Vinyl chloride	1.374	62	74290	45.281	ug/L	99
6) Bromomethane	1.599	94	21488	55.658	ug/L	99
8) Chloroethane	1.666	64	13396	39.737	ug/L	93
9) Trichlorofluoromethane	1.861	101	92023	61.993	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.312	101	63103	50.692	ug/L	99
12) 1,1-Dichloroethene	2.306	96	53247	45.985	ug/L	89
13) Acetone	2.386	43	65904	109.871	ug/L	93
14) Carbon disulfide	2.501	76	141115	38.823	ug/L	99
15) Methyl Acetate	2.703	43	70559	49.079	ug/L	98
16) Methylene chloride	2.782	84	61137	42.671	ug/L	99
17) trans-1,2-Dichloroethene	3.081	96	56832	43.813	ug/L	95
18) Methyl tert-butyl Ether	3.111	73	223714	47.927	ug/L	98
19) 1,1-Dichloroethane	3.599	63	151042	58.856	ug/L	100
20) cis-1,2-Dichloroethene	4.477	96	89774	57.301	ug/L	99
22) 2-Butanone	4.556	43	129331	137.789	ug/L	99
23) Bromochloromethane	4.891	128	43855	57.123	ug/L	93
25) Chloroform	5.080	83	151180	57.489	ug/L	98

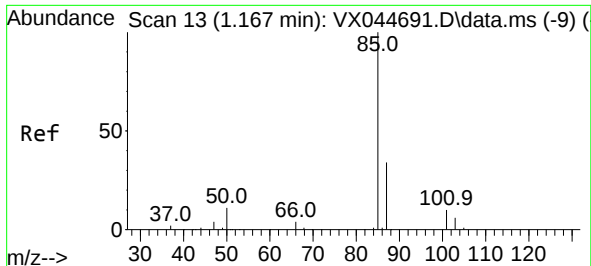
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012225\
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML012125WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 23 00:51:10 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.074	62	115558	56.931	ug/L	97
29) Cyclohexane	5.452	56	149255	62.611	ug/L	99
30) 1,1,1-Trichloroethane	5.373	97	130177	57.715	ug/L	100
31) Carbon tetrachloride	5.659	117	110378	56.964	ug/L	100
33) Benzene	6.025	78	333649	59.708	ug/L	100
34) Trichloroethene	7.116	95	84040	57.779	ug/L	97
35) Methylcyclohexane	7.366	83	149750	62.558	ug/L	100
37) 1,2-Dichloropropane	7.421	63	91836	60.815	ug/L	99
38) Bromodichloromethane	7.817	83	116014	56.734	ug/L	98
39) cis-1,3-Dichloropropene	8.360	75	147234	56.698	ug/L	99
40) 4-Methyl-2-pentanone	8.573	43	251256	138.733	ug/L	99
42) Toluene	8.714	91	343630	59.361	ug/L	100
44) trans-1,3-Dichloropropene	8.970	75	132504	56.397	ug/L	99
45) 1,1,2-Trichloroethane	9.147	97	86116	58.575	ug/L	98
46) Tetrachloroethene	9.268	164	59433	59.648	ug/L	99
48) 2-Hexanone	9.433	43	179069	134.337	ug/L	97
49) Dibromochloromethane	9.518	129	86318	56.697	ug/L	99
50) 1,2-Dibromoethane	9.604	107	88677	59.190	ug/L	100
51) Chlorobenzene	10.073	112	208126	58.267	ug/L	100
52) Ethylbenzene	10.189	91	370012	59.279	ug/L	99
53) m,p-Xylene	10.299	106	137744	58.997	ug/L	97
54) o-Xylene	10.640	106	137146	59.171	ug/L	99
55) Styrene	10.652	104	223133	59.449	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.213	83	134230	62.876	ug/L	99
59) Bromoform	10.799	173	60122	57.111	ug/L	99
60) Isopropylbenzene	10.957	105	353757	59.794	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	103037	63.071	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	288563	58.748	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	284092	59.459	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	137419	57.859	ug/L	99
65) 1,4-Dichlorobenzene	12.036	146	134778	56.564	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	140139	58.831	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.939	75	28262	60.172	ug/L	96
69) 1,3,5-Trichlorobenzene	13.109	180	90264	58.340	ug/L	97
70) 1,2,4-trichlorobenzene	13.585	180	79497	57.054	ug/L	100
71) Naphthalene	13.774	128	331663	62.133	ug/L	99
72) 1,2,3-Trichlorobenzene	13.957	180	81484	56.948	ug/L	98

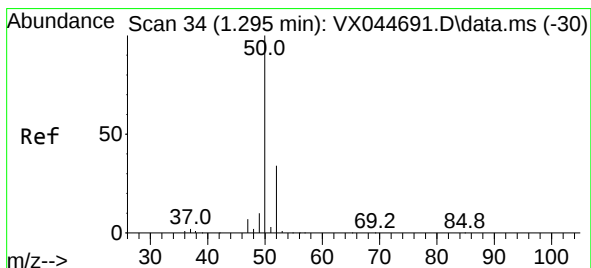
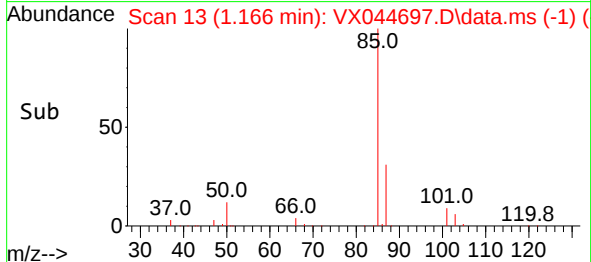
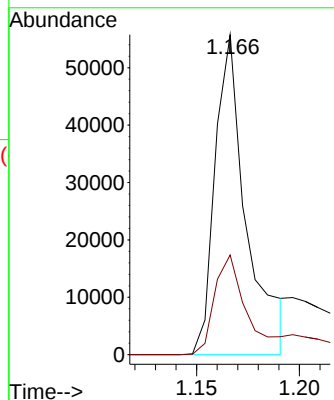
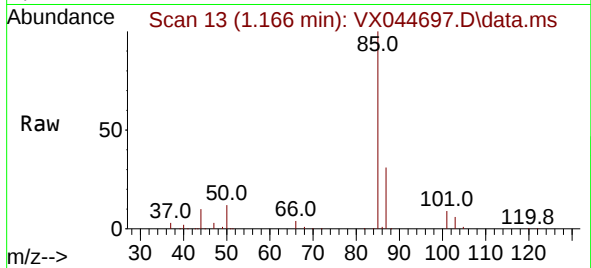
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 43.648 ug/L
RT: 1.166 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX044697.D
Acq: 22 Jan 2025 15:39

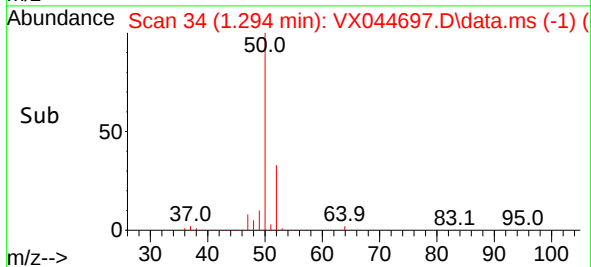
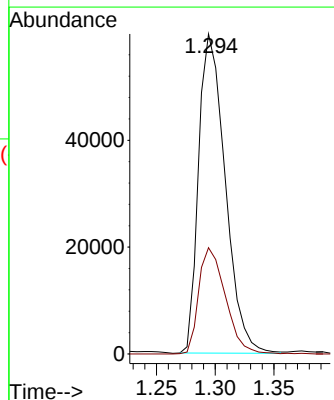
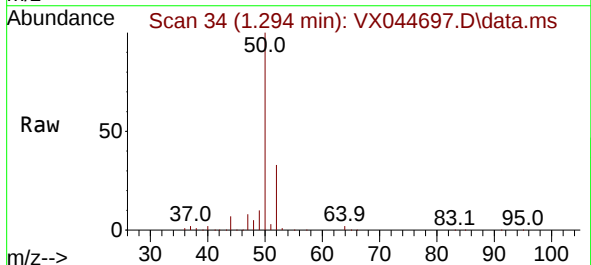
Instrument :
MSVOA_X
ClientSampleId :

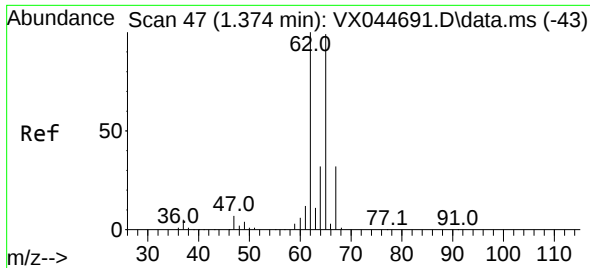
Tgt Ion: 85 Resp: 59042
Ion Ratio Lower Upper
85 100
87 30.3 25.9 38.9



#3
Chloromethane
Concen: 57.628 ug/L
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX044697.D
Acq: 22 Jan 2025 15:39

Tgt Ion: 50 Resp: 94342
Ion Ratio Lower Upper
50 100
52 33.2 23.3 43.3

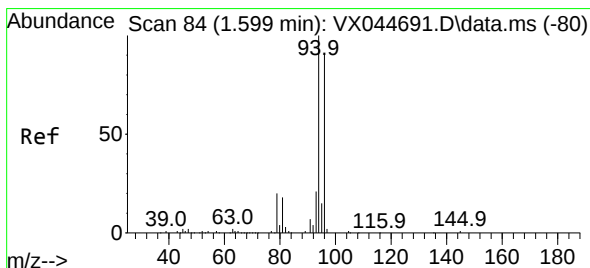
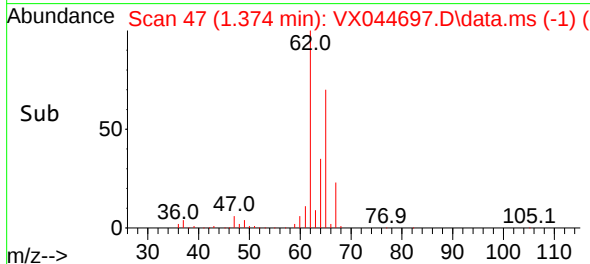
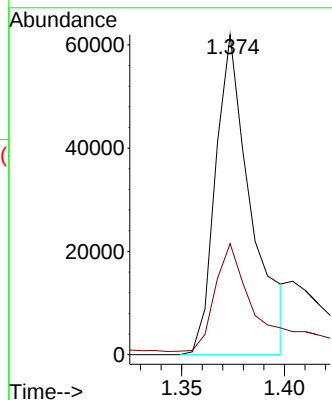
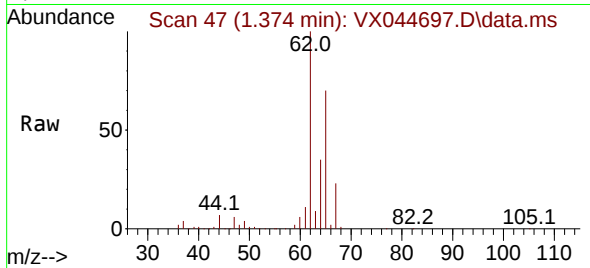




#5
 Vinyl chloride
 Concen: 45.281 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX044697.D
 Acq: 22 Jan 2025 15:39

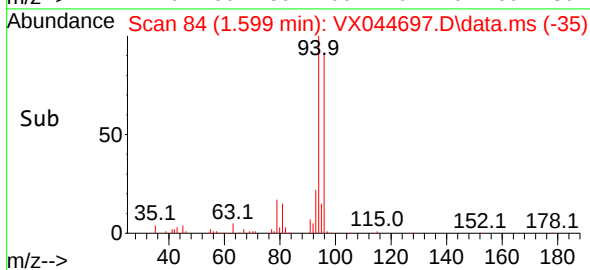
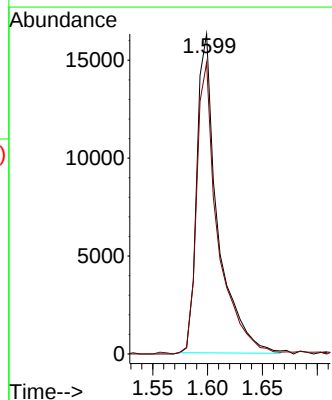
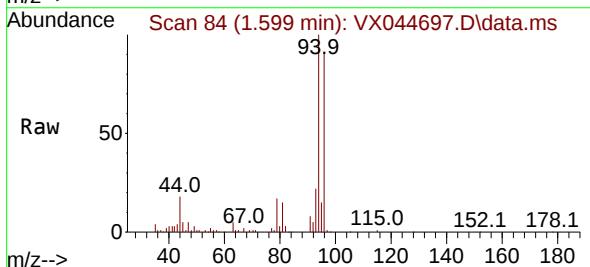
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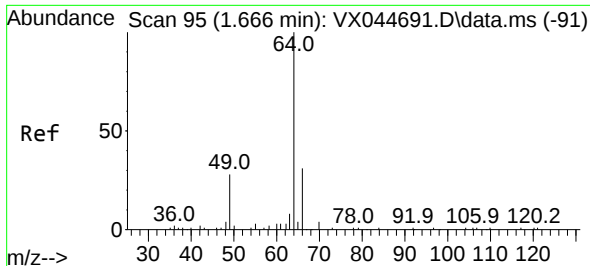
Tgt Ion: 62 Resp: 74290
 Ion Ratio Lower Upper
 62 100
 64 34.7 23.7 44.1



#6
 Bromomethane
 Concen: 55.658 ug/L
 RT: 1.599 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VX044697.D
 Acq: 22 Jan 2025 15:39

Tgt Ion: 94 Resp: 21488
 Ion Ratio Lower Upper
 94 100
 96 91.0 64.3 119.3

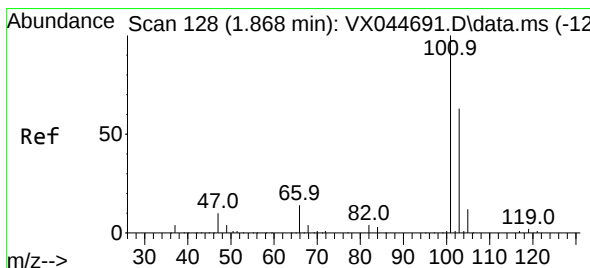
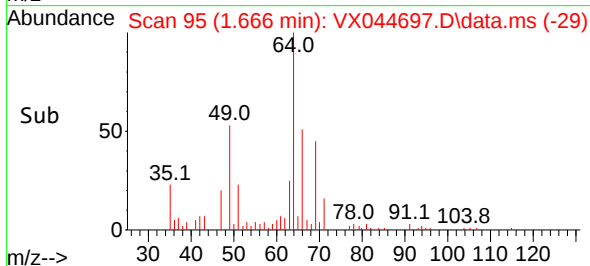
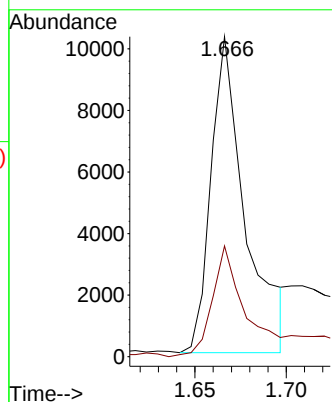
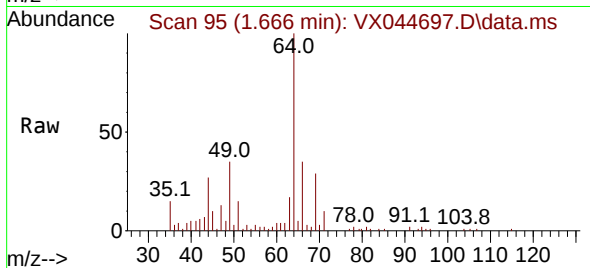




#8
Chloroethane
Concen: 39.737 ug/L
RT: 1.666 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX044697.D
Acq: 22 Jan 2025 15:39

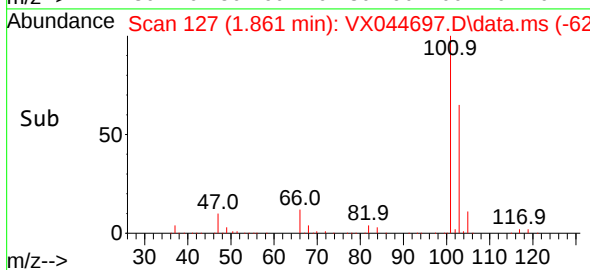
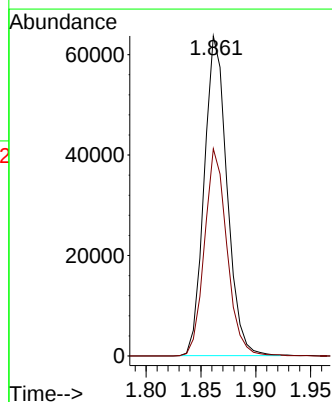
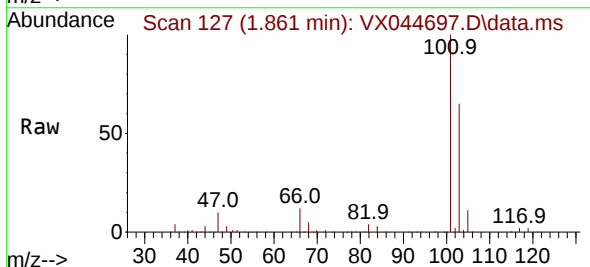
Instrument :
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ClientSampleId :

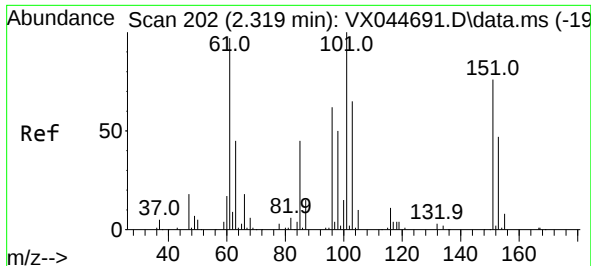
Tgt Ion: 64 Resp: 13396
Ion Ratio Lower Upper
64 100
66 34.6 21.4 39.8



#9
Trichlorofluoromethane
Concen: 61.993 ug/L
RT: 1.861 min Scan# 127
Delta R.T. -0.006 min
Lab File: VX044697.D
Acq: 22 Jan 2025 15:39

Tgt Ion:101 Resp: 92023
Ion Ratio Lower Upper
101 100
103 63.8 52.2 78.2

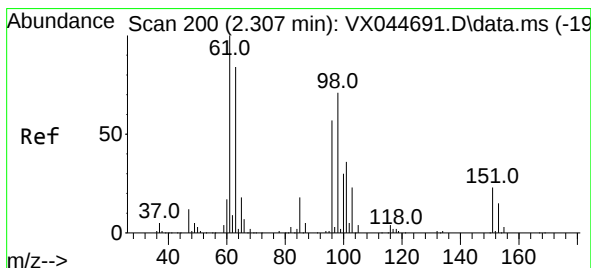
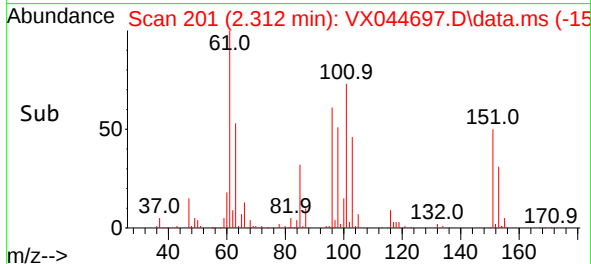
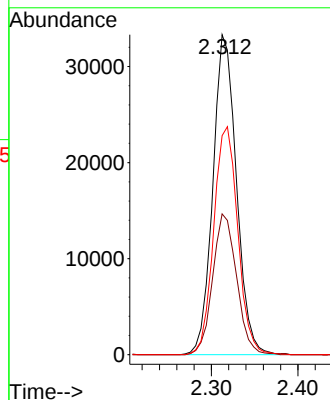
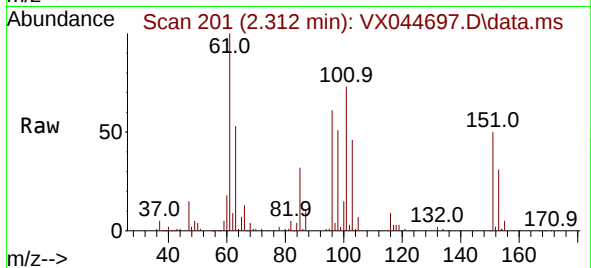




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 50.692 ug/L
 RT: 2.312 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VX044697.D
 Acq: 22 Jan 2025 15:39

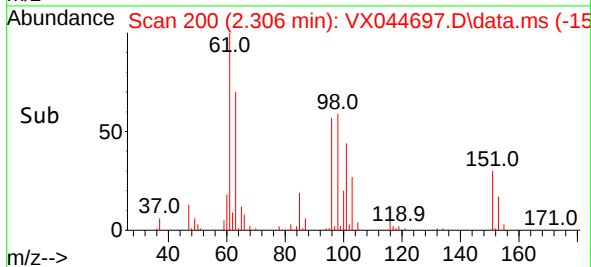
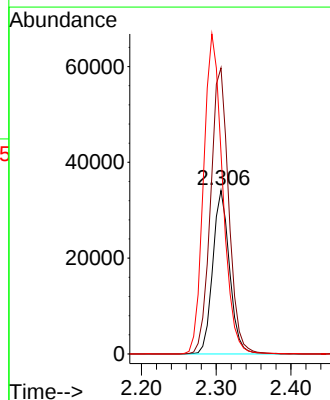
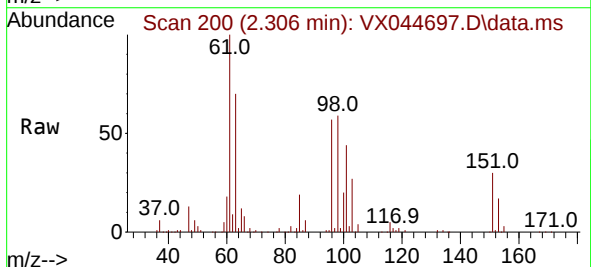
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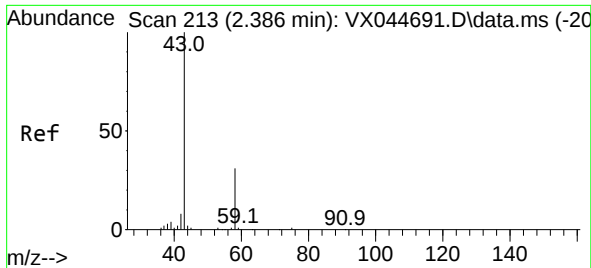
Tgt Ion:101 Resp: 63103
 Ion Ratio Lower Upper
 101 100
 85 44.6 35.4 53.0
 151 72.8 57.0 85.4



#12
 1,1-Dichloroethene
 Concen: 45.985 ug/L
 RT: 2.306 min Scan# 200
 Delta R.T. -0.000 min
 Lab File: VX044697.D
 Acq: 22 Jan 2025 15:39

Tgt Ion: 96 Resp: 53247
 Ion Ratio Lower Upper
 96 100
 61 174.8 115.1 213.8
 63 123.1 74.1 137.5

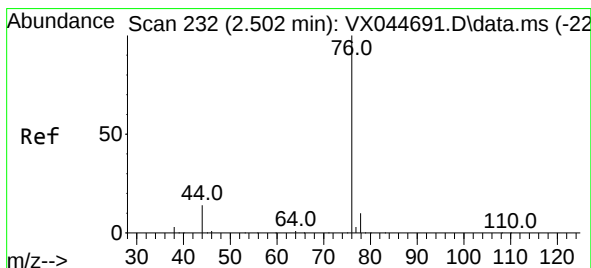
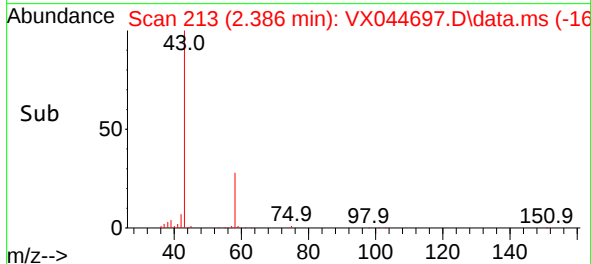
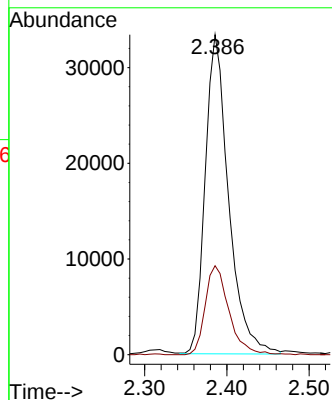
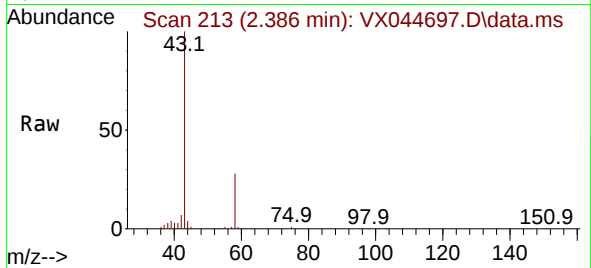




#13
Acetone
Concen: 109.871 ug/L
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX044697.D
Acq: 22 Jan 2025 15:39

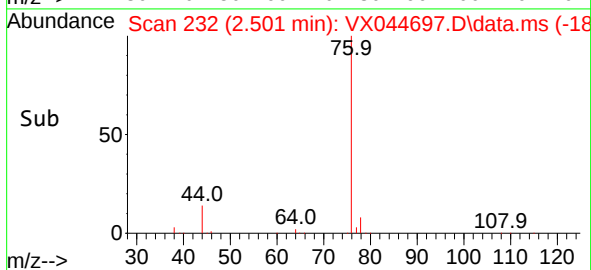
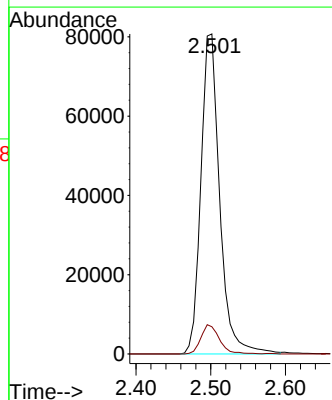
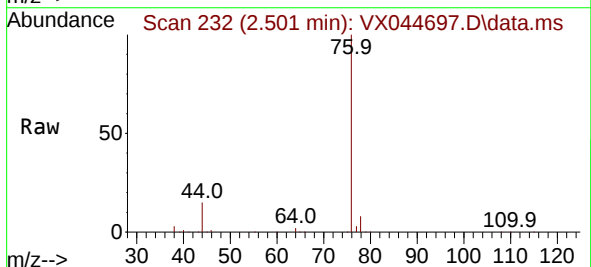
Instrument :
MSVOA_X
ClientSampleId :

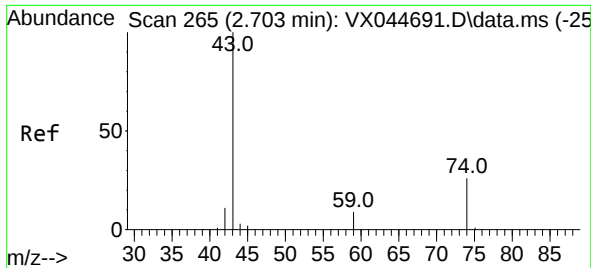
Tgt Ion: 43 Resp: 65904
Ion Ratio Lower Upper
43 100
58 28.1 0.0 64.6



#14
Carbon disulfide
Concen: 38.823 ug/L
RT: 2.501 min Scan# 232
Delta R.T. -0.000 min
Lab File: VX044697.D
Acq: 22 Jan 2025 15:39

Tgt Ion: 76 Resp: 141115
Ion Ratio Lower Upper
76 100
78 8.5 7.2 10.8

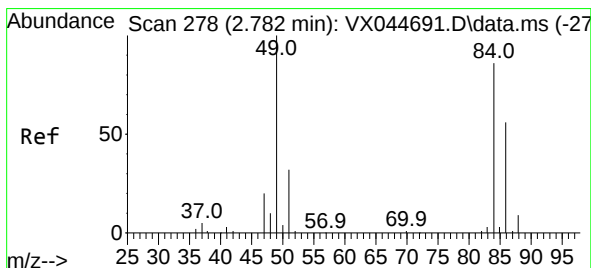
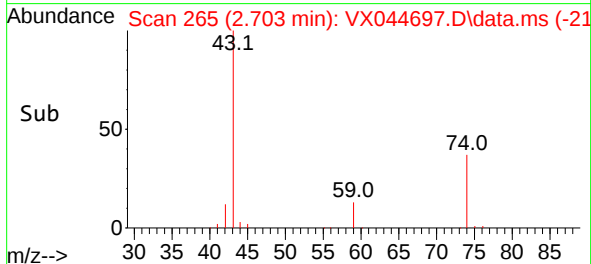
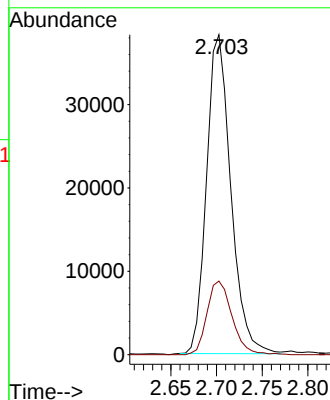
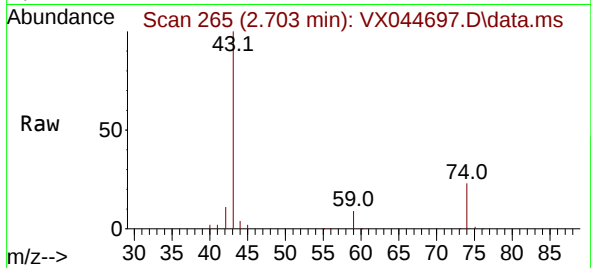




#15
Methyl Acetate
Concen: 49.079 ug/L
RT: 2.703 min Scan# 218
Delta R.T. -0.000 min
Lab File: VX044697.D
Acq: 22 Jan 2025 15:39

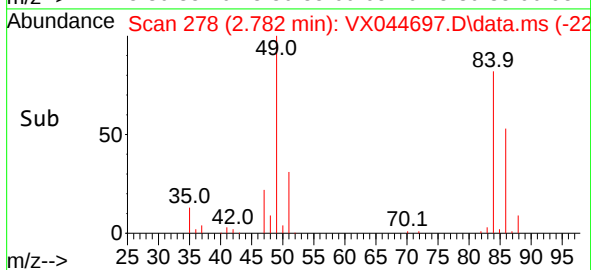
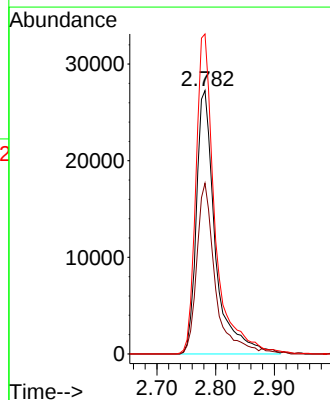
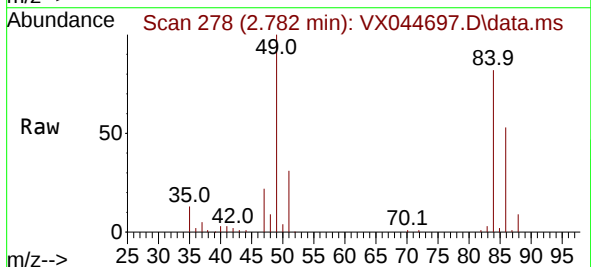
Instrument :
MSVOA_X
ClientSampleId :

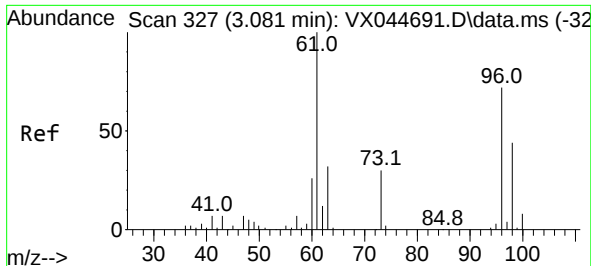
Tgt Ion: 43 Resp: 70559
Ion Ratio Lower Upper
43 100
74 23.7 19.7 29.5



#16
Methylene chloride
Concen: 42.671 ug/L
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX044697.D
Acq: 22 Jan 2025 15:39

Tgt Ion: 84 Resp: 61137
Ion Ratio Lower Upper
84 100
86 64.8 45.6 84.8
49 121.5 84.6 157.0

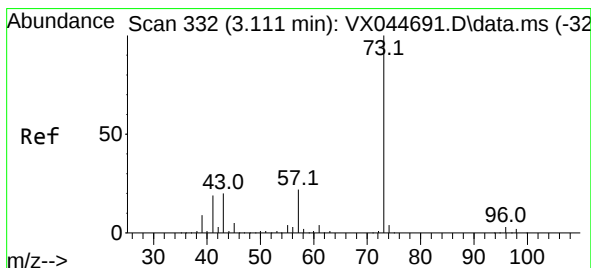
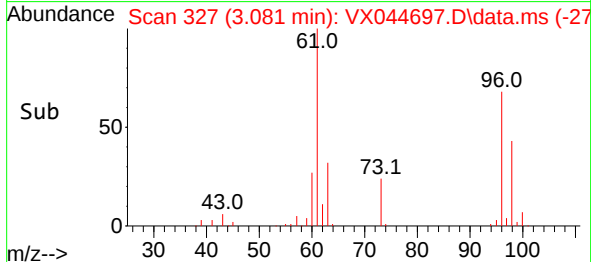
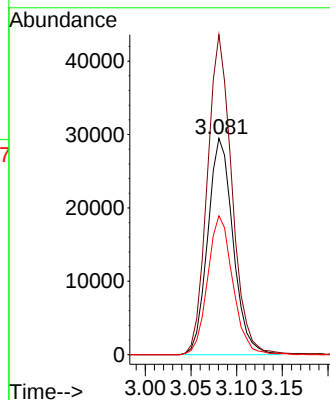
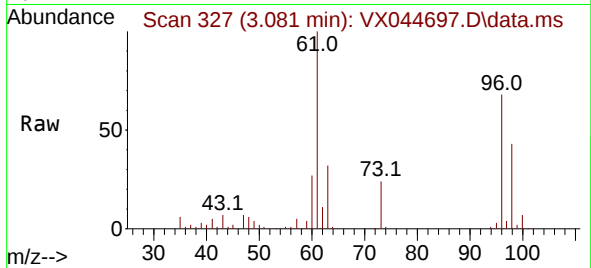




#17
 trans-1,2-Dichloroethene
 Concen: 43.813 ug/L
 RT: 3.081 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VX044697.D
 Acq: 22 Jan 2025 15:39

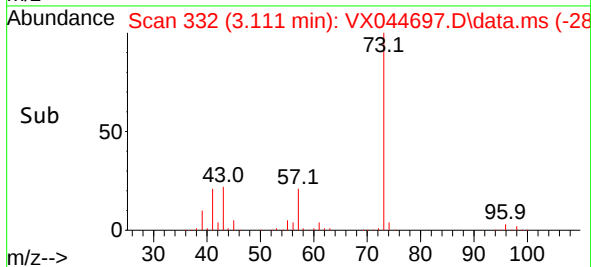
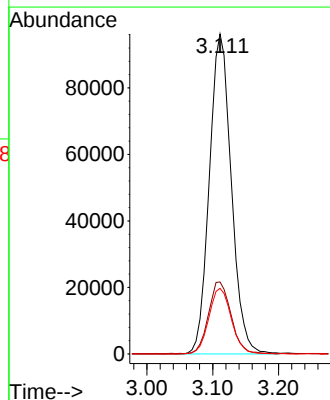
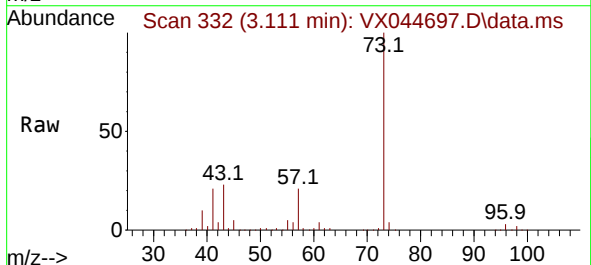
Instrument :
 MSVOA_X
 ClientSampleId :

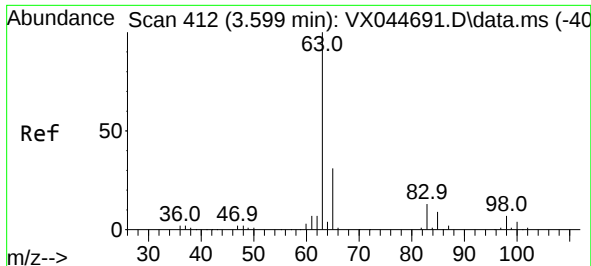
Tgt Ion: 96 Resp: 56832
 Ion Ratio Lower Upper
 96 100
 61 148.0 98.3 182.7
 98 64.2 44.1 81.9



#18
 Methyl tert-butyl Ether
 Concen: 47.927 ug/L
 RT: 3.111 min Scan# 332
 Delta R.T. -0.000 min
 Lab File: VX044697.D
 Acq: 22 Jan 2025 15:39

Tgt Ion: 73 Resp: 223714
 Ion Ratio Lower Upper
 73 100
 43 22.8 16.9 25.3
 57 21.0 17.4 26.0





#19

1,1-Dichloroethane

Concen: 58.856 ug/L

RT: 3.599 min Scan# 412

Delta R.T. -0.000 min

Lab File: VX044697.D

Acq: 22 Jan 2025 15:39

Instrument :

MSVOA_X

ClientSampleId :

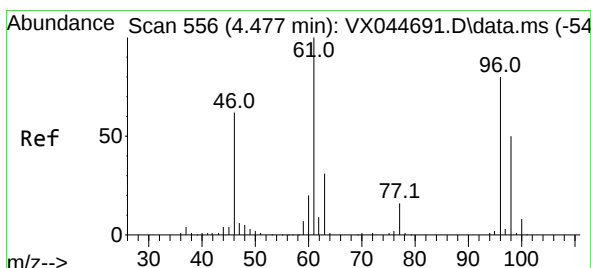
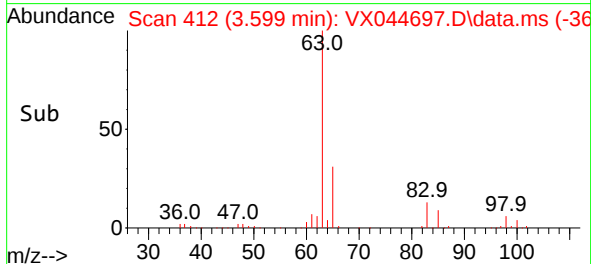
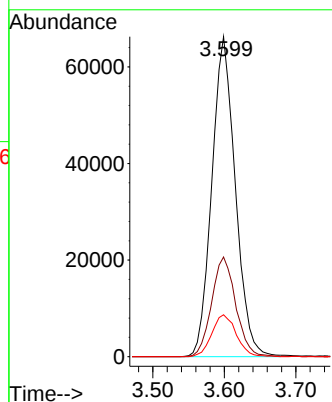
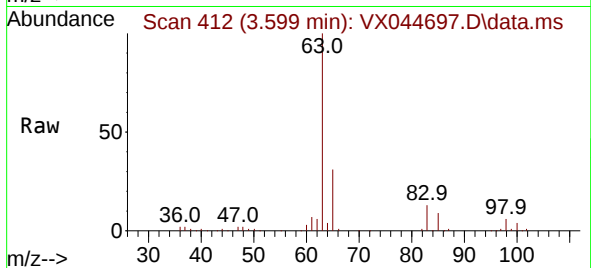
Tgt Ion: 63 Resp: 151042

Ion Ratio Lower Upper

63 100

65 31.1 21.8 40.6

83 13.1 9.4 17.4



#20

cis-1,2-Dichloroethene

Concen: 57.301 ug/L

RT: 4.477 min Scan# 556

Delta R.T. -0.000 min

Lab File: VX044697.D

Acq: 22 Jan 2025 15:39

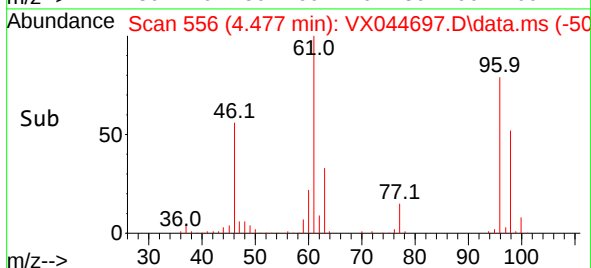
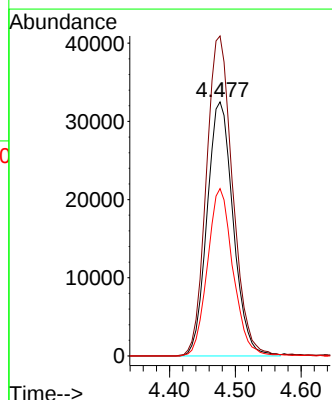
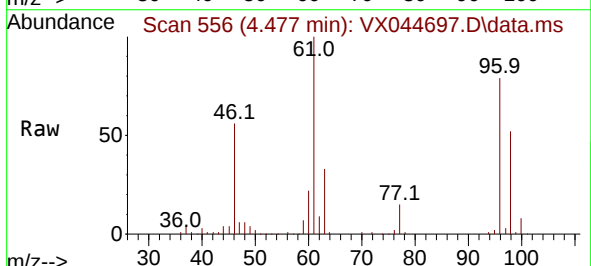
Tgt Ion: 96 Resp: 89774

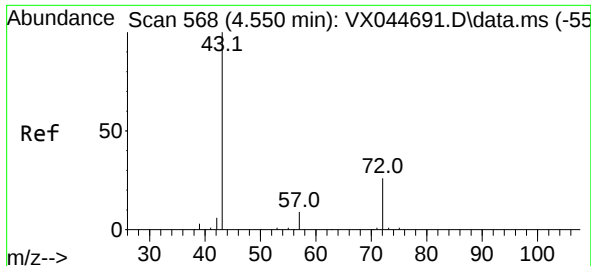
Ion Ratio Lower Upper

96 100

61 125.9 88.3 163.9

98 65.9 44.6 82.8

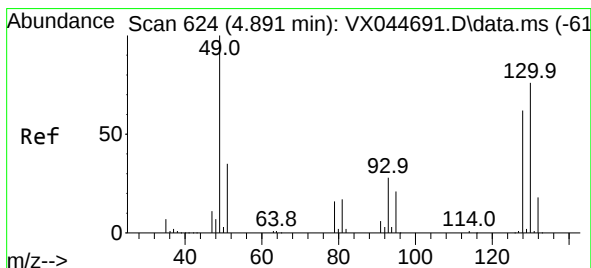
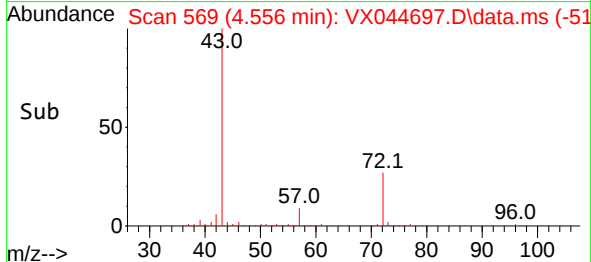
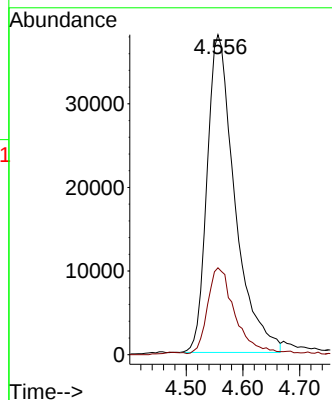
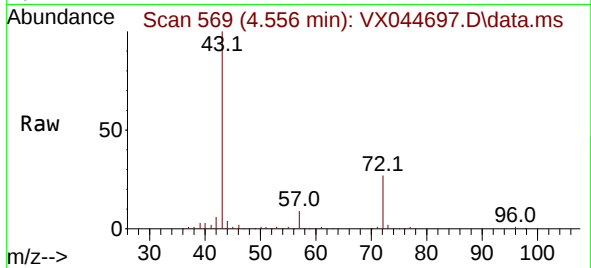




#22
2-Butanone
Concen: 137.789 ug/L
RT: 4.556 min Scan# 569
Delta R.T. 0.006 min
Lab File: VX044697.D
Acq: 22 Jan 2025 15:39

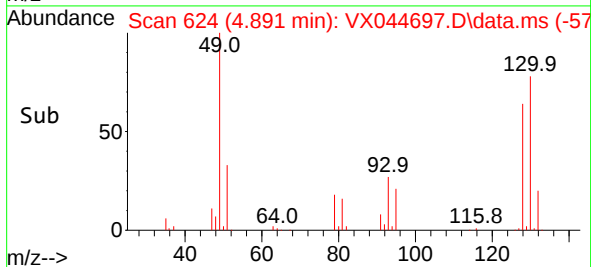
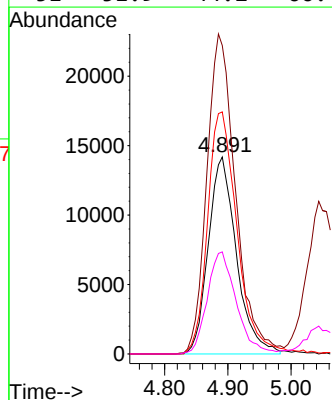
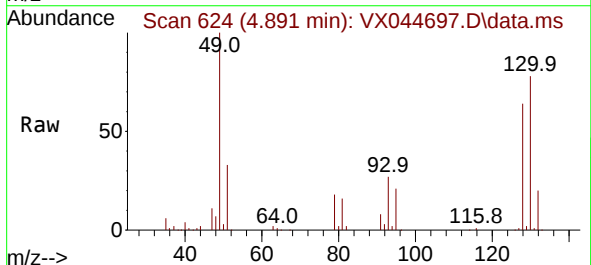
Instrument :
MSVOA_X
ClientSampleId :

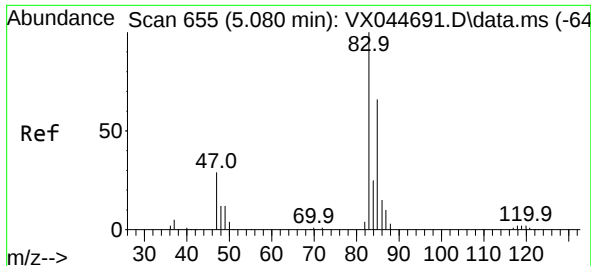
Tgt Ion: 43 Resp: 129331
Ion Ratio Lower Upper
43 100
72 27.2 13.4 40.2



#23
Bromochloromethane
Concen: 57.123 ug/L
RT: 4.891 min Scan# 624
Delta R.T. -0.000 min
Lab File: VX044697.D
Acq: 22 Jan 2025 15:39

Tgt Ion:128 Resp: 43855
Ion Ratio Lower Upper
128 100
49 156.6 117.6 218.4
130 122.9 92.0 170.9
51 51.9 44.2 66.4





#25

Chloroform

Concen: 57.489 ug/L

RT: 5.080 min Scan# 61

Delta R.T. -0.000 min

Lab File: VX044697.D

Acq: 22 Jan 2025 15:39

Instrument :

MSVOA_X

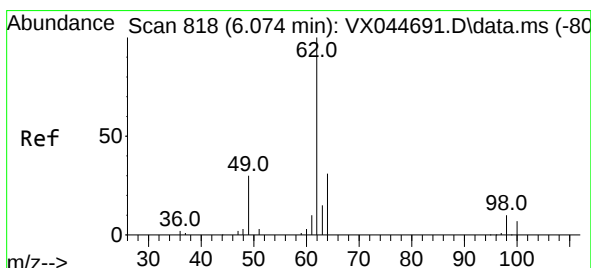
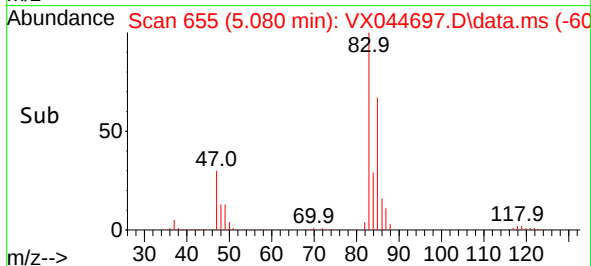
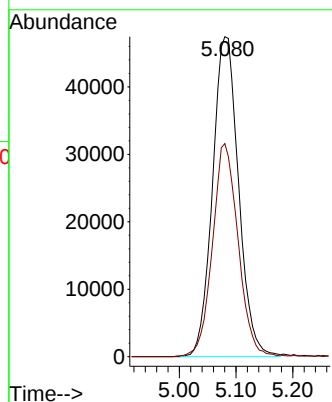
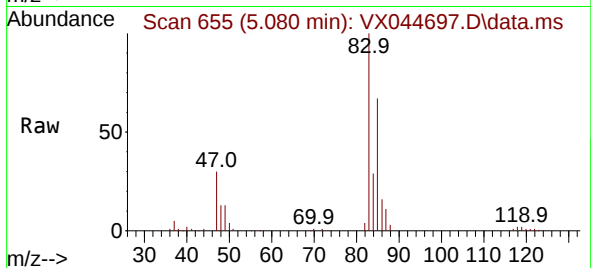
ClientSampleId :

Tgt Ion: 83 Resp: 151180

Ion Ratio Lower Upper

83 100

85 66.6 45.4 84.2



#27

1,2-Dichloroethane

Concen: 56.931 ug/L

RT: 6.074 min Scan# 818

Delta R.T. -0.000 min

Lab File: VX044697.D

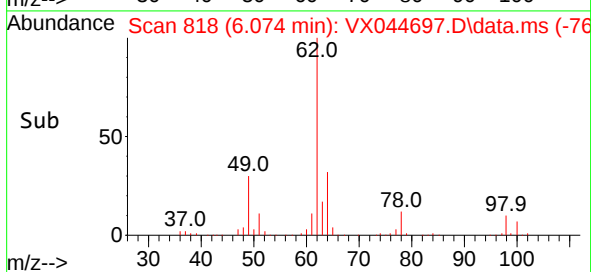
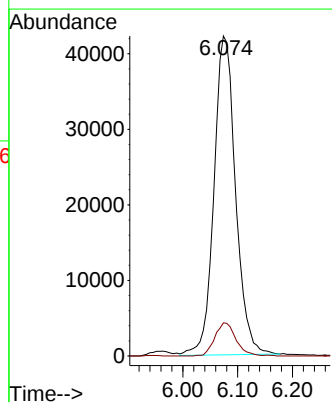
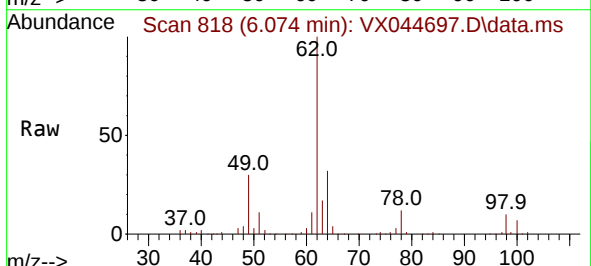
Acq: 22 Jan 2025 15:39

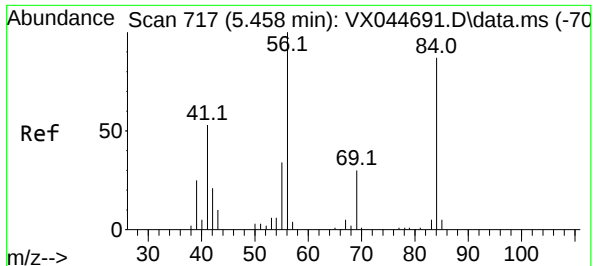
Tgt Ion: 62 Resp: 115558

Ion Ratio Lower Upper

62 100

98 10.4 7.4 11.2





#29

Cyclohexane

Concen: 62.611 ug/L

RT: 5.452 min Scan# 716

Delta R.T. -0.006 min

Lab File: VX044697.D

Acq: 22 Jan 2025 15:39

Instrument :

MSVOA_X

ClientSampleId :

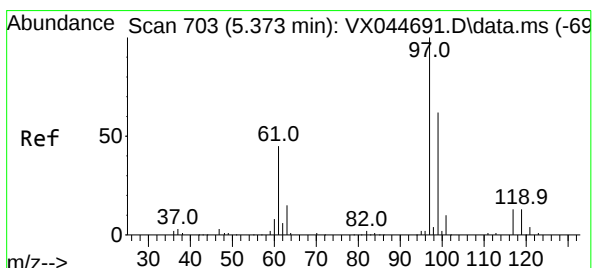
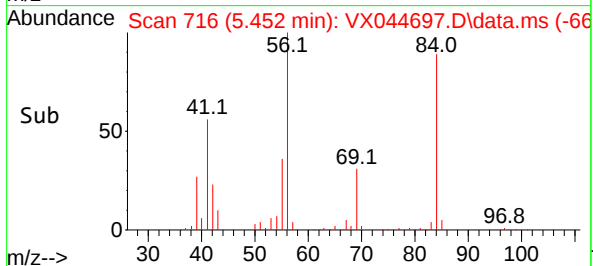
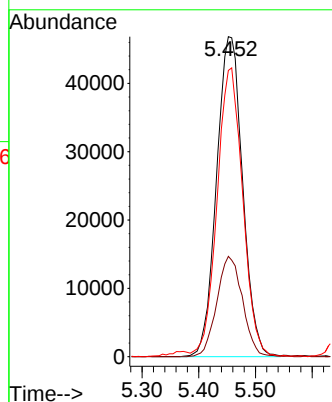
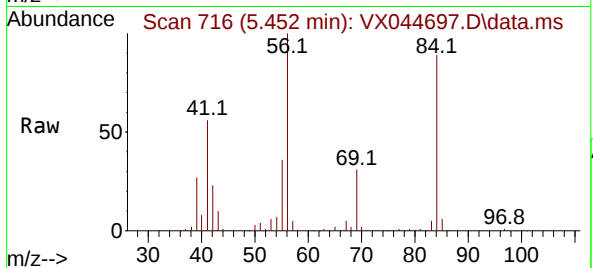
Tgt Ion: 56 Resp: 149255

Ion Ratio Lower Upper

56 100

69 30.9 25.4 38.2

84 88.5 71.6 107.4



#30

1,1,1-Trichloroethane

Concen: 57.715 ug/L

RT: 5.373 min Scan# 703

Delta R.T. -0.000 min

Lab File: VX044697.D

Acq: 22 Jan 2025 15:39

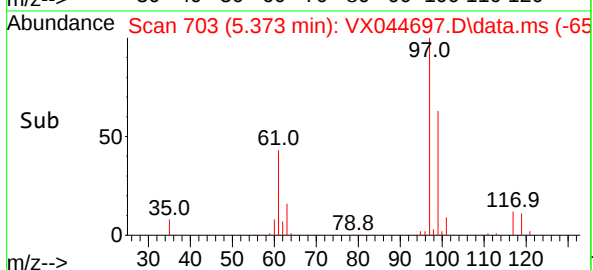
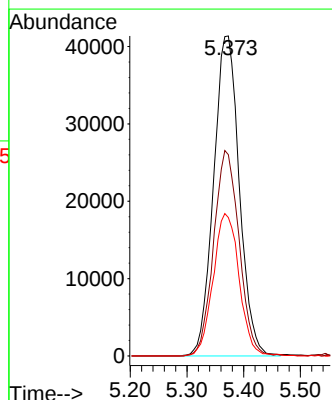
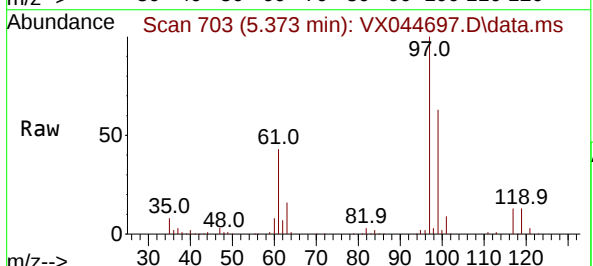
Tgt Ion: 97 Resp: 130177

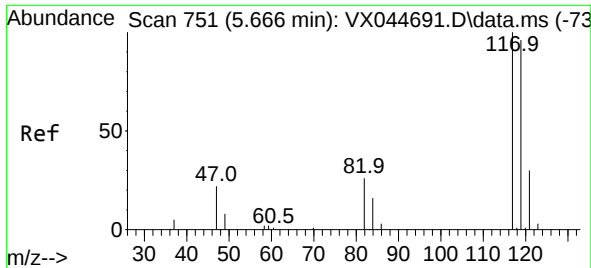
Ion Ratio Lower Upper

97 100

99 63.6 51.0 76.4

61 44.9 35.8 53.6

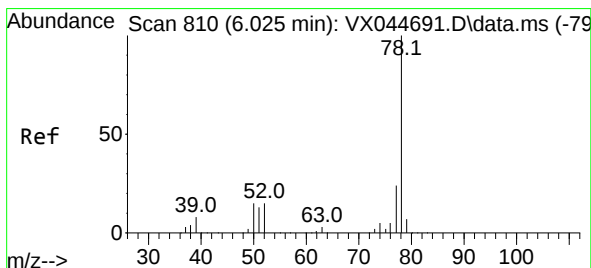
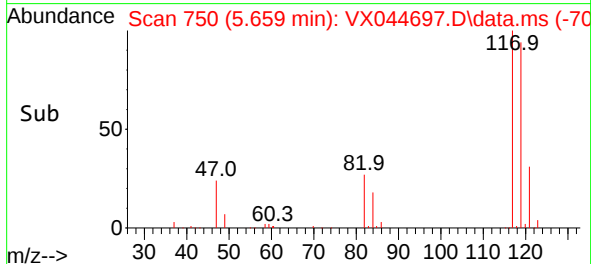
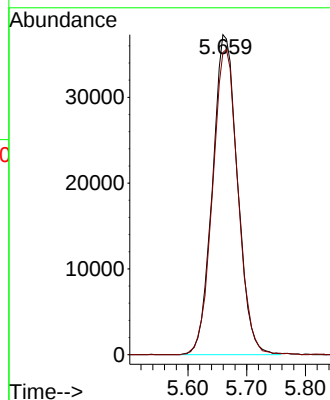
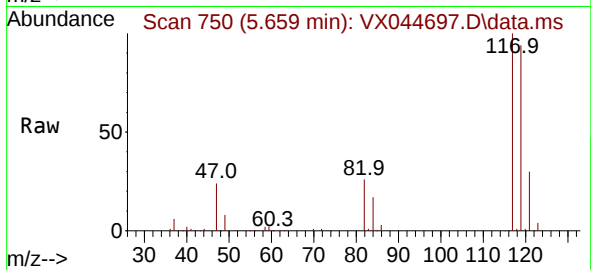




#31
Carbon tetrachloride
Concen: 56.964 ug/L
RT: 5.659 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX044697.D
Acq: 22 Jan 2025 15:39

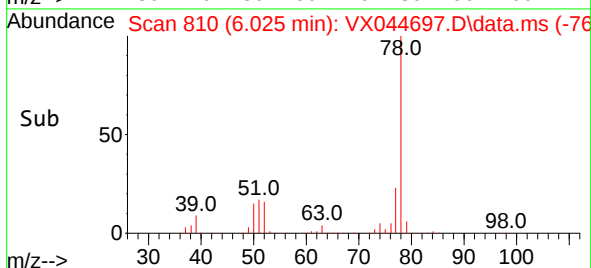
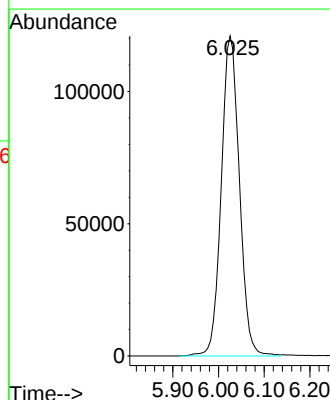
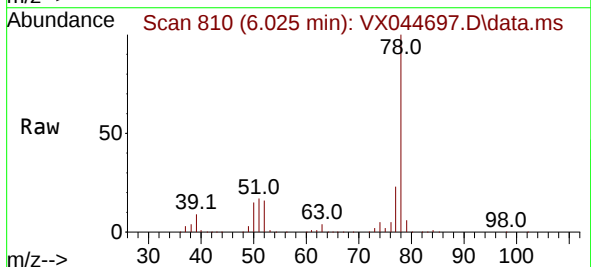
Instrument :
MSVOA_X
ClientSampleId :

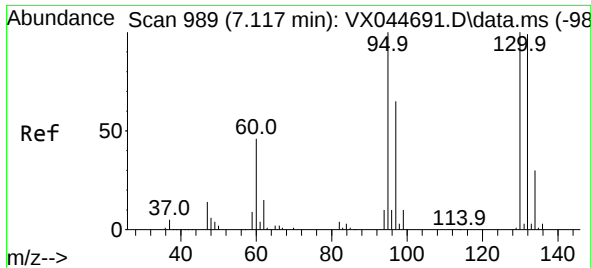
Tgt Ion:117 Resp: 110378
Ion Ratio Lower Upper
117 100
119 96.5 77.1 115.7



#33
Benzene
Concen: 59.708 ug/L
RT: 6.025 min Scan# 810
Delta R.T. -0.000 min
Lab File: VX044697.D
Acq: 22 Jan 2025 15:39

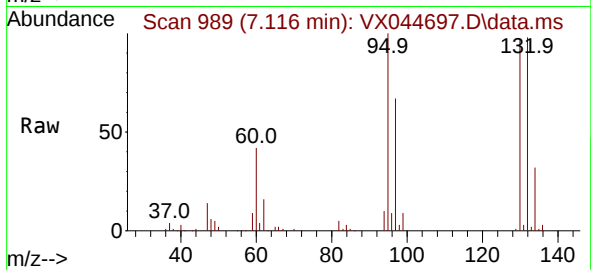
Tgt Ion: 78 Resp: 333649



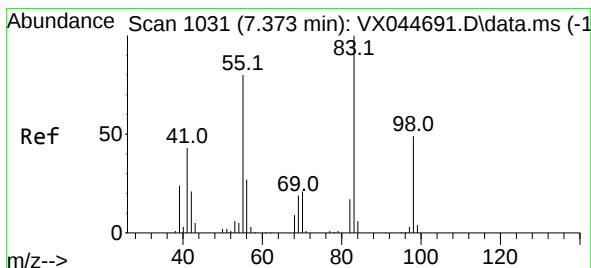
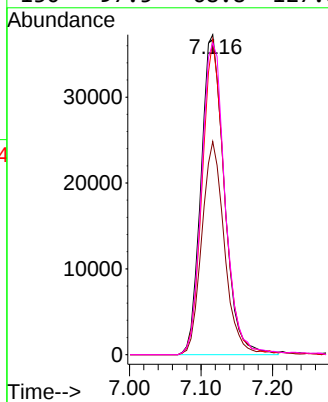
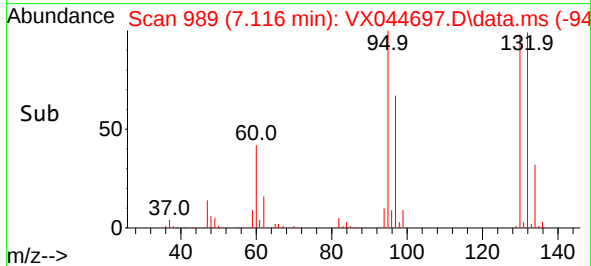


#34
Trichloroethene
Concen: 57.779 ug/L
RT: 7.116 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX044697.D
Acq: 22 Jan 2025 15:39

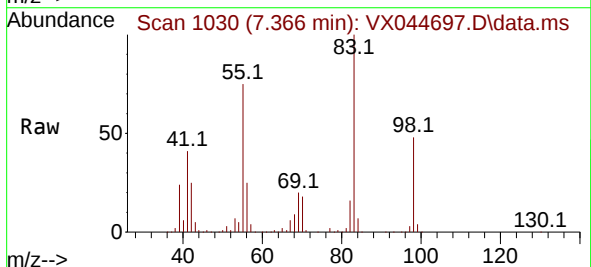
Instrument :
MSVOA_X
ClientSampleId :



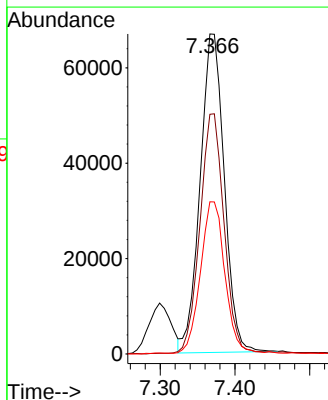
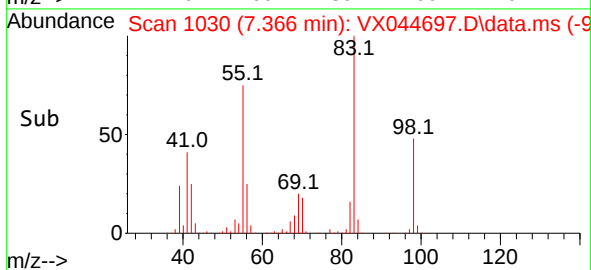
Tgt Ion: 95 Resp: 84040
Ion Ratio Lower Upper
95 100
97 66.6 46.1 85.5
132 98.4 64.5 119.9
130 97.5 68.8 127.8

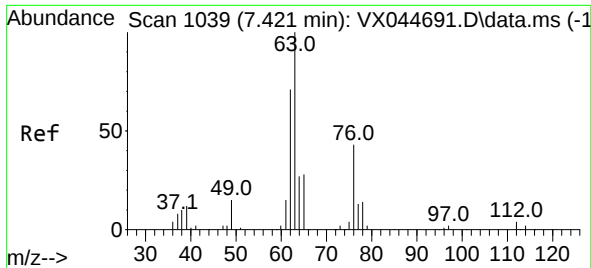


#35
Methylcyclohexane
Concen: 62.558 ug/L
RT: 7.366 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VX044697.D
Acq: 22 Jan 2025 15:39



Tgt Ion: 83 Resp: 149750
Ion Ratio Lower Upper
83 100
55 75.4 60.6 90.8
98 48.6 38.9 58.3





#37

1,2-Dichloropropane

Concen: 60.815 ug/L

RT: 7.421 min Scan# 1103

Delta R.T. -0.000 min

Lab File: VX044697.D

Acq: 22 Jan 2025 15:39

Instrument :

MSVOA_X

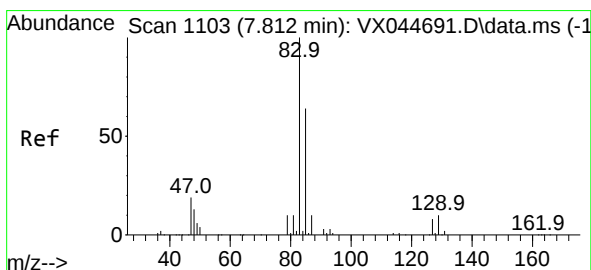
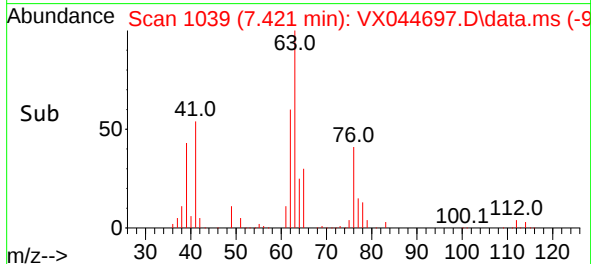
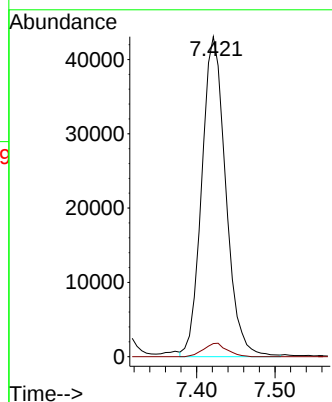
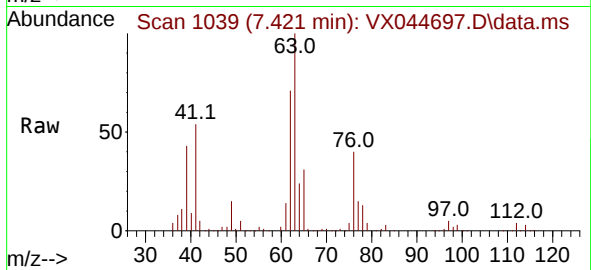
ClientSampleId :

Tgt Ion: 63 Resp: 91836

Ion Ratio Lower Upper

63 100

112 4.1 3.5 5.3



#38

Bromodichloromethane

Concen: 56.734 ug/L

RT: 7.817 min Scan# 1104

Delta R.T. 0.006 min

Lab File: VX044697.D

Acq: 22 Jan 2025 15:39

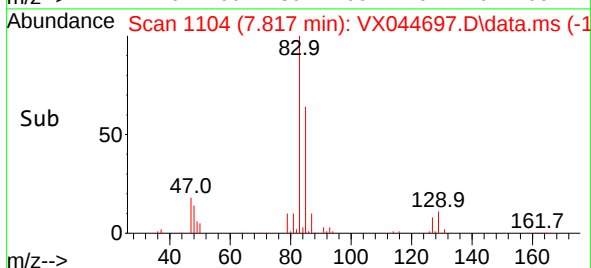
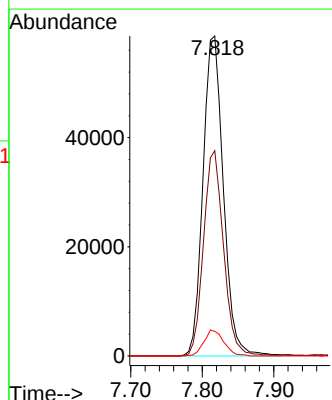
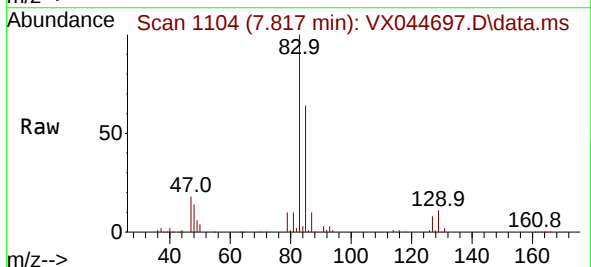
Tgt Ion: 83 Resp: 116014

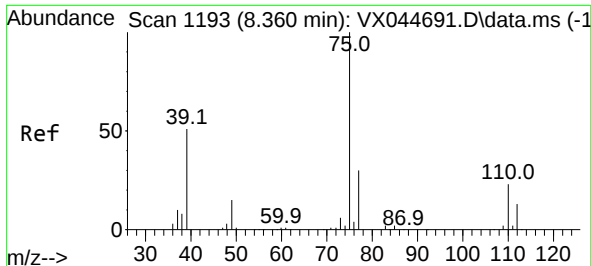
Ion Ratio Lower Upper

83 100

85 64.1 43.8 81.3

127 7.7 6.5 9.7





#39

cis-1,3-Dichloropropene

Concen: 56.698 ug/L

RT: 8.360 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VX044697.D

Acq: 22 Jan 2025 15:39

Instrument :

MSVOA_X

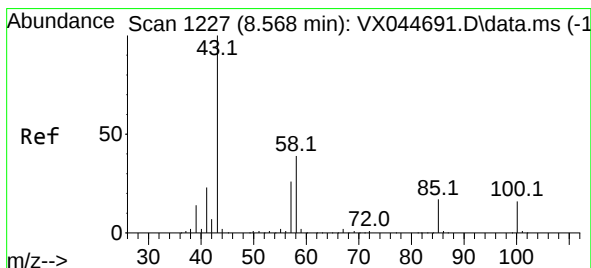
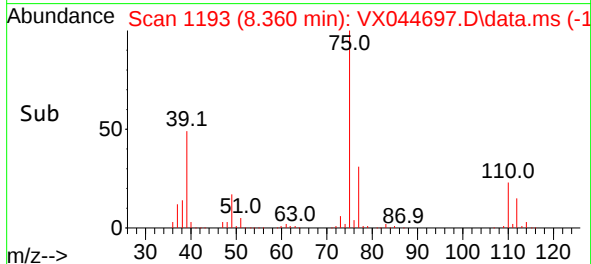
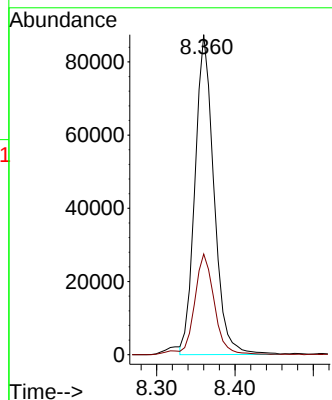
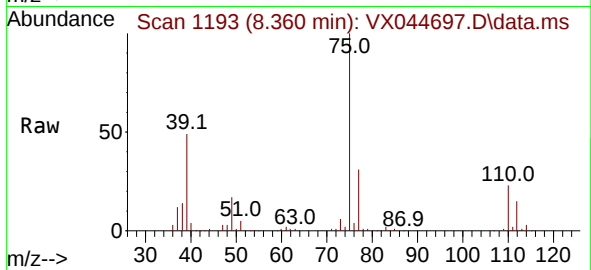
ClientSampleId :

Tgt Ion: 75 Resp: 147234

Ion Ratio Lower Upper

75 100

77 31.4 21.7 40.3



#40

4-Methyl-2-pentanone

Concen: 138.733 ug/L

RT: 8.573 min Scan# 1228

Delta R.T. 0.006 min

Lab File: VX044697.D

Acq: 22 Jan 2025 15:39

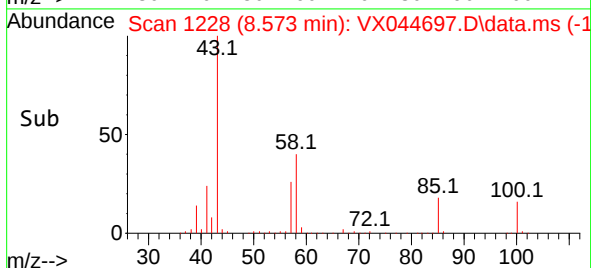
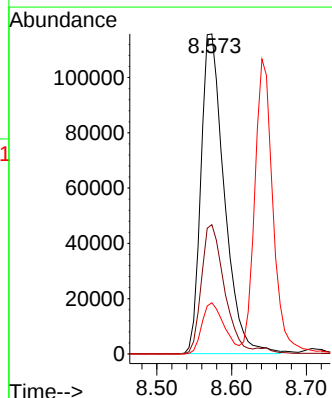
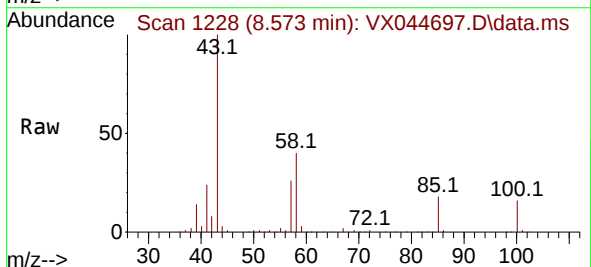
Tgt Ion: 43 Resp: 251256

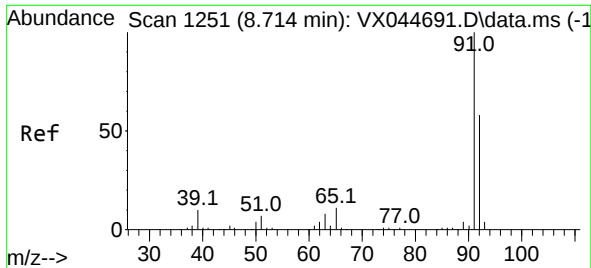
Ion Ratio Lower Upper

43 100

58 39.8 32.1 48.1

100 15.4 12.9 19.3





#42

Toluene

Concen: 59.361 ug/L

RT: 8.714 min Scan# 1251

Delta R.T. -0.000 min

Lab File: VX044697.D

Acq: 22 Jan 2025 15:39

Instrument :

MSVOA_X

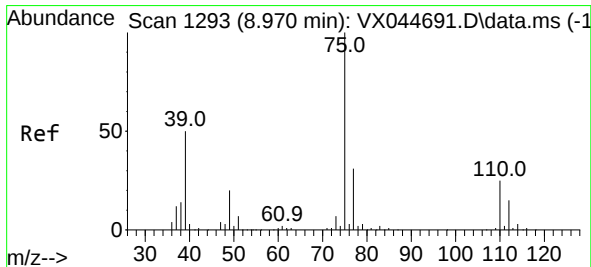
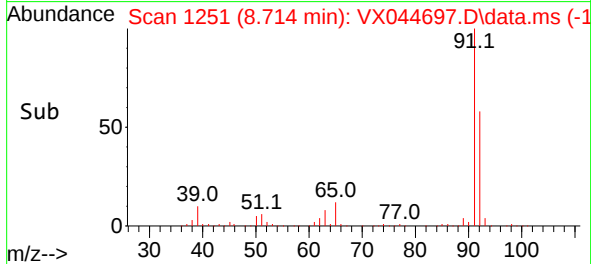
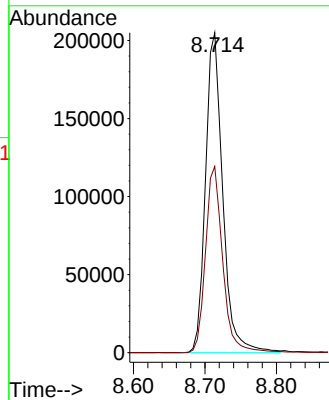
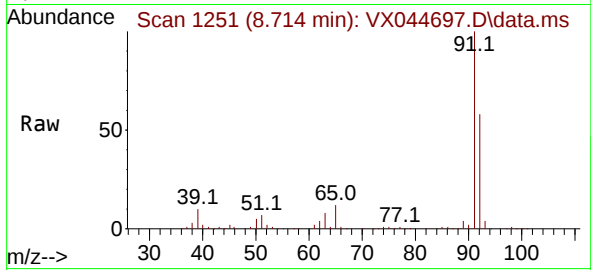
ClientSampleId :

Tgt Ion: 91 Resp: 343630

Ion Ratio Lower Upper

91 100

92 58.2 40.7 75.5



#44

trans-1,3-Dichloropropene

Concen: 56.397 ug/L

RT: 8.970 min Scan# 1293

Delta R.T. -0.000 min

Lab File: VX044697.D

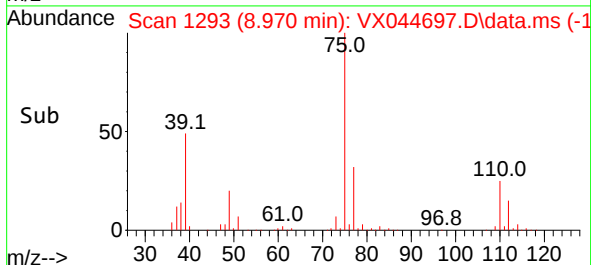
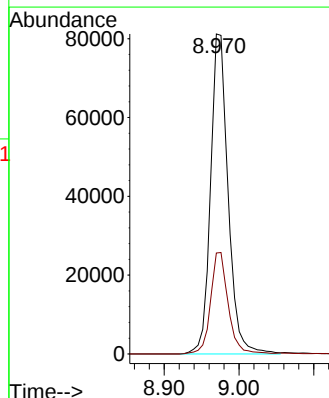
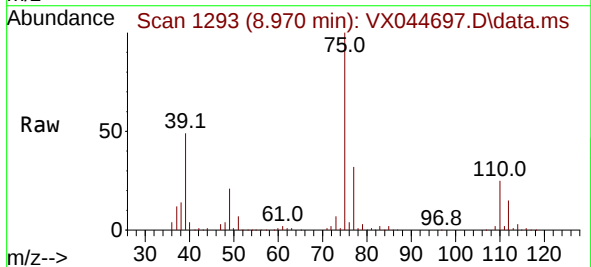
Acq: 22 Jan 2025 15:39

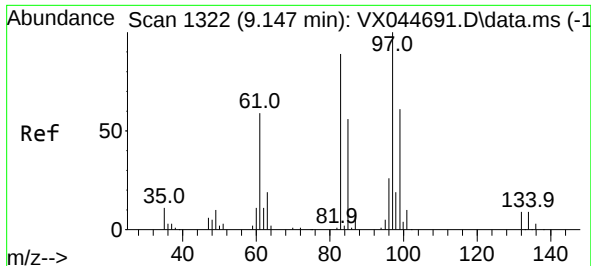
Tgt Ion: 75 Resp: 132504

Ion Ratio Lower Upper

75 100

77 31.6 22.4 41.6





#45

1,1,2-Trichloroethane

Concen: 58.575 ug/L

RT: 9.147 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VX044697.D

Acq: 22 Jan 2025 15:39

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 97 Resp: 86116

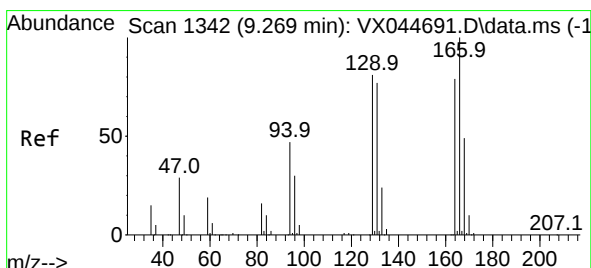
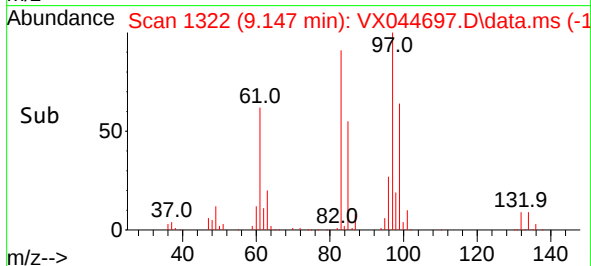
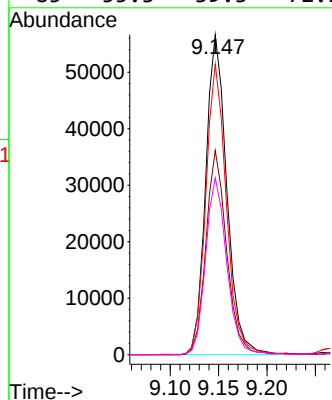
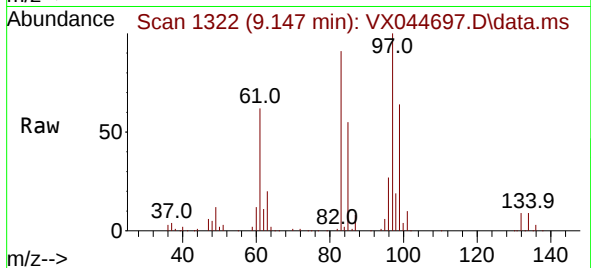
Ion Ratio Lower Upper

97 100

99 63.8 44.8 83.2

83 90.8 60.8 113.0

85 55.3 39.3 72.9



#46

Tetrachloroethene

Concen: 59.648 ug/L

RT: 9.268 min Scan# 1342

Delta R.T. -0.000 min

Lab File: VX044697.D

Acq: 22 Jan 2025 15:39

Tgt Ion:164 Resp: 59433

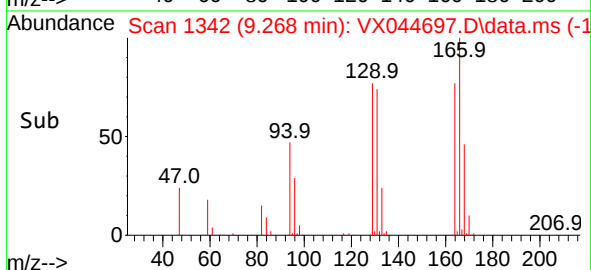
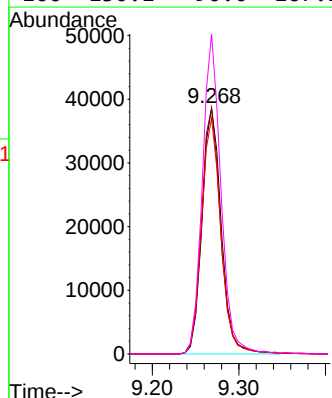
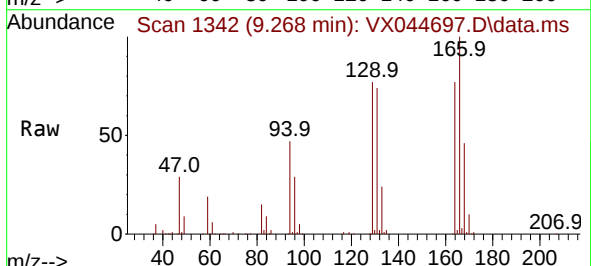
Ion Ratio Lower Upper

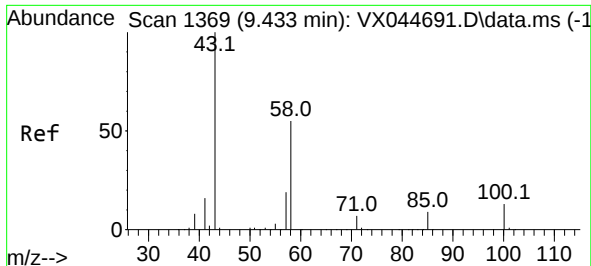
164 100

129 99.9 71.2 132.2

131 95.9 67.2 124.8

166 130.1 90.0 167.2

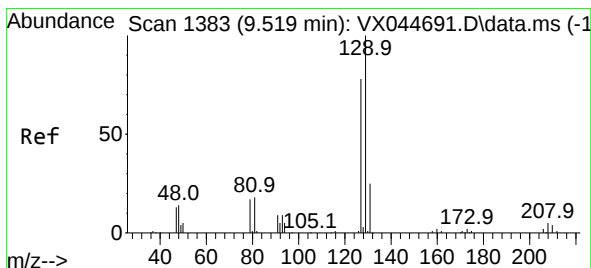
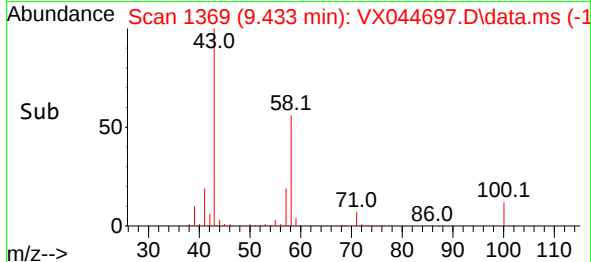
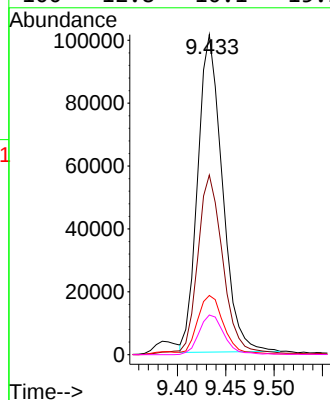
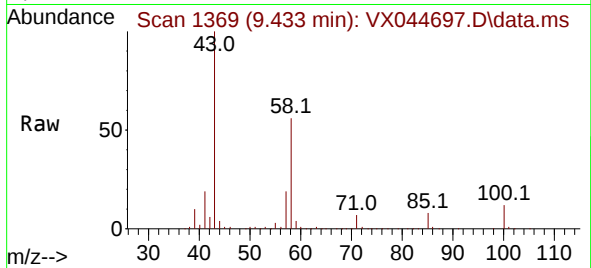




#48
2-Hexanone
Concen: 134.337 ug/L
RT: 9.433 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VX044697.D
Acq: 22 Jan 2025 15:39

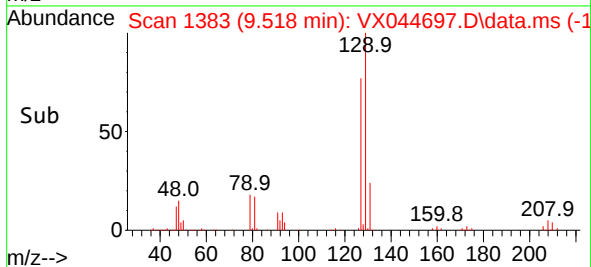
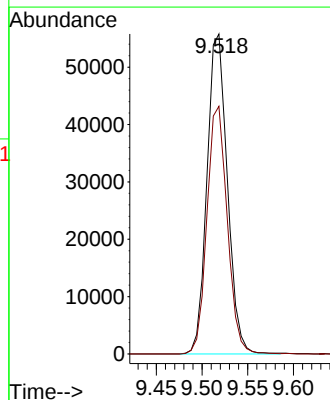
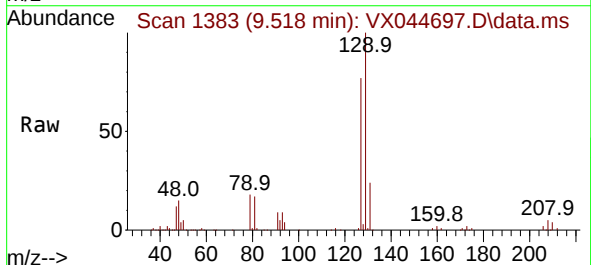
Instrument :
MSVOA_X
ClientSampleId :

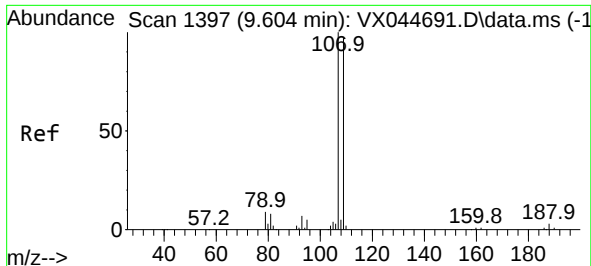
Tgt Ion:	43	Resp:	179069
Ion	Ratio	Lower	Upper
43	100		
58	59.1	44.3	66.5
57	20.0	15.9	23.9
100	12.8	10.1	15.1



#49
Dibromochloromethane
Concen: 56.697 ug/L
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX044697.D
Acq: 22 Jan 2025 15:39

Tgt Ion:	129	Resp:	86318
Ion	Ratio	Lower	Upper
129	100		
127	77.4	53.6	99.6





#50

1,2-Dibromoethane

Concen: 59.190 ug/L

RT: 9.604 min Scan# 1397

Delta R.T. -0.000 min

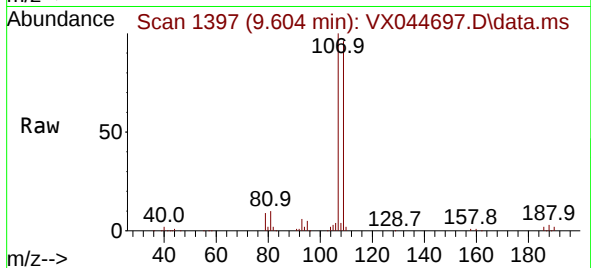
Lab File: VX044697.D

Acq: 22 Jan 2025 15:39

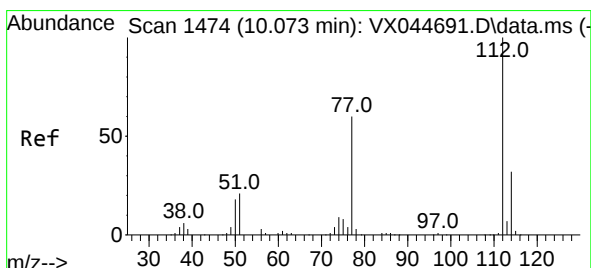
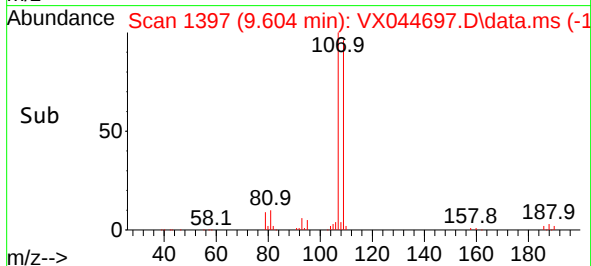
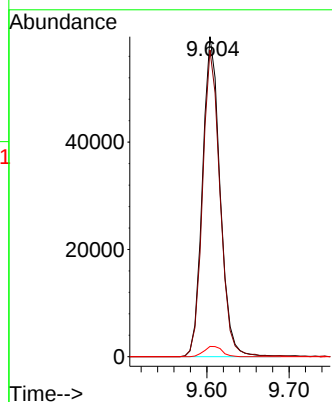
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	107	Resp:	88677
Ion	Ratio	Lower	Upper
107	100		
109	95.9	67.2	124.8
188	3.3	2.2	3.4



#51

Chlorobenzene

Concen: 58.267 ug/L

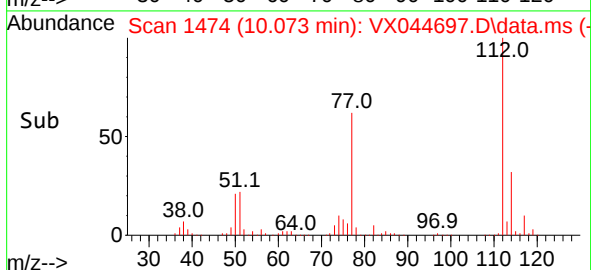
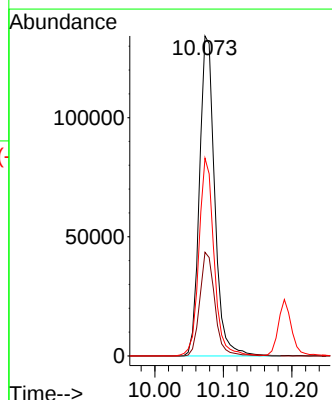
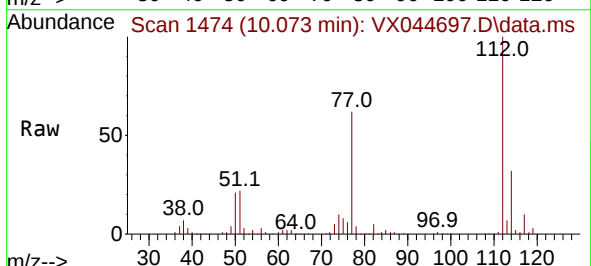
RT: 10.073 min Scan# 1474

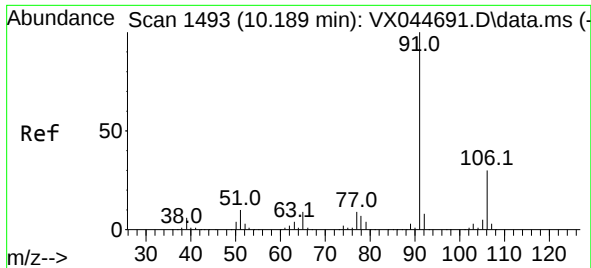
Delta R.T. -0.000 min

Lab File: VX044697.D

Acq: 22 Jan 2025 15:39

Tgt Ion:	112	Resp:	208126
Ion	Ratio	Lower	Upper
112	100		
114	32.4	22.4	41.6
77	61.8	49.2	73.8

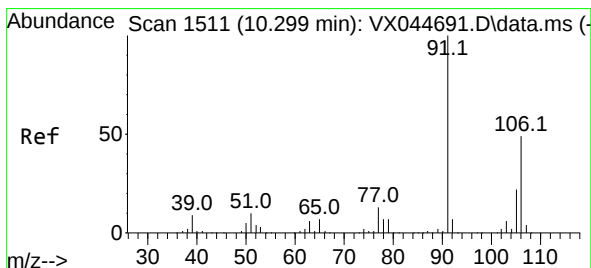
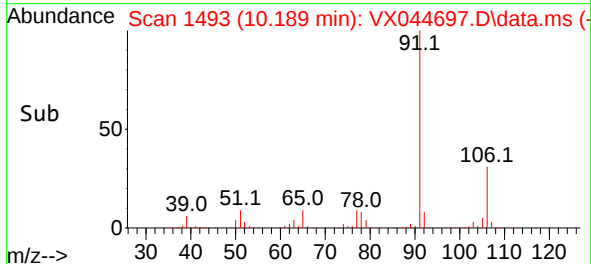
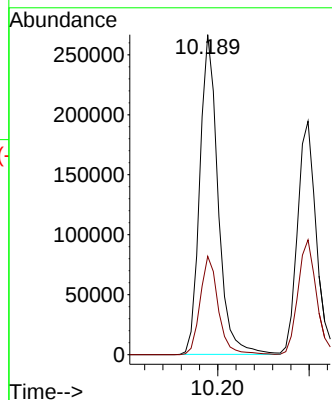
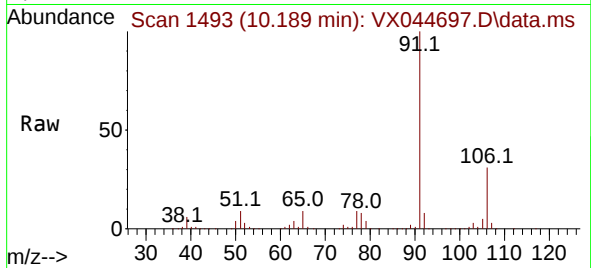




#52
Ethylbenzene
Concen: 59.279 ug/L
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX044697.D
Acq: 22 Jan 2025 15:39

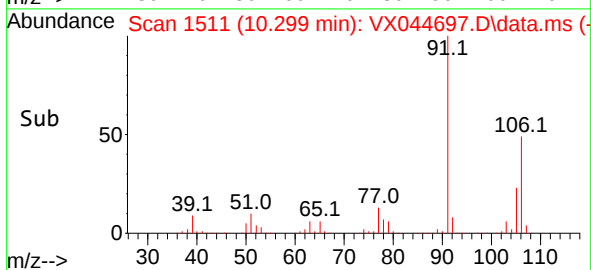
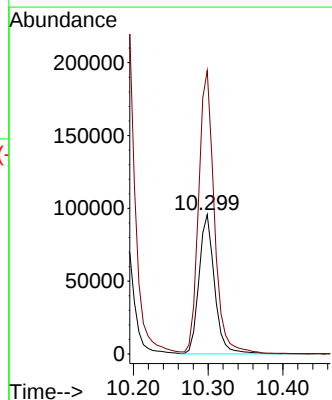
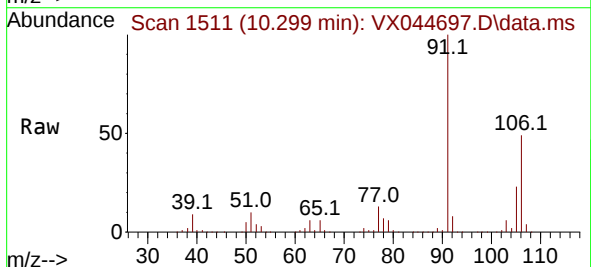
Instrument :
MSVOA_X
ClientSampleId :

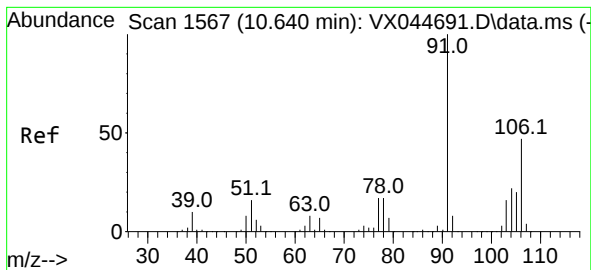
Tgt Ion: 91 Resp: 370012
Ion Ratio Lower Upper
91 100
106 30.7 21.1 39.3



#53
m,p-Xylene
Concen: 58.997 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX044697.D
Acq: 22 Jan 2025 15:39

Tgt Ion:106 Resp: 137744
Ion Ratio Lower Upper
106 100
91 203.2 145.2 269.6





#54

o-Xylene

Concen: 59.171 ug/L

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX044697.D

Acq: 22 Jan 2025 15:39

Instrument :

MSVOA_X

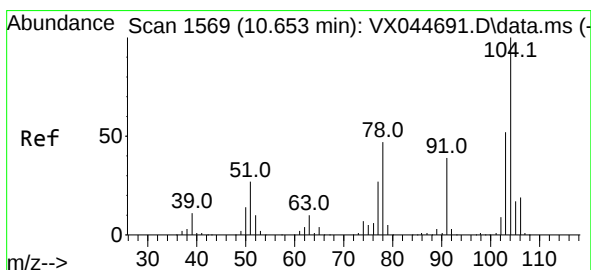
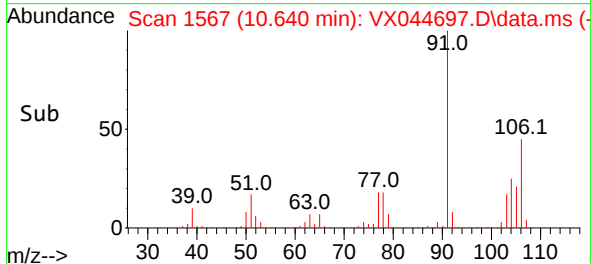
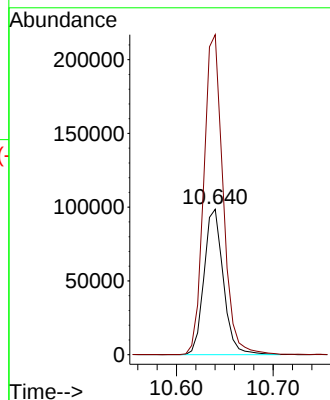
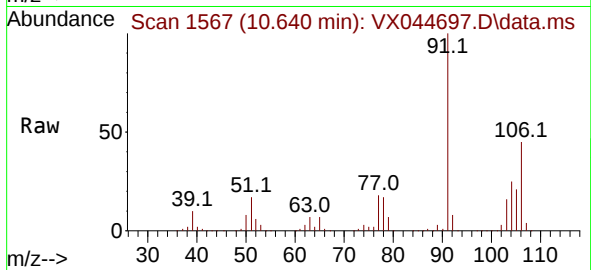
ClientSampleId :

Tgt Ion:106 Resp: 137146

Ion Ratio Lower Upper

106 100

91 220.1 153.2 284.4



#55

Styrene

Concen: 59.449 ug/L

RT: 10.652 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VX044697.D

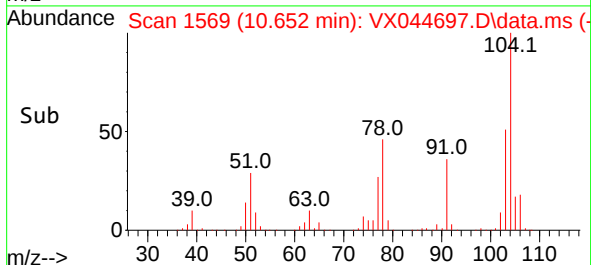
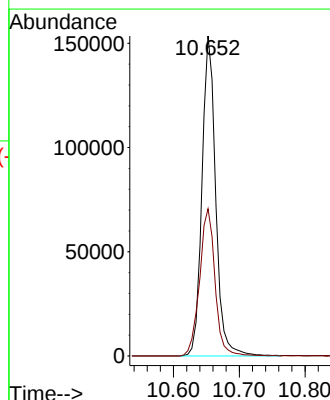
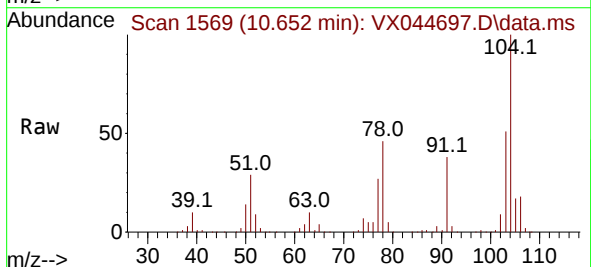
Acq: 22 Jan 2025 15:39

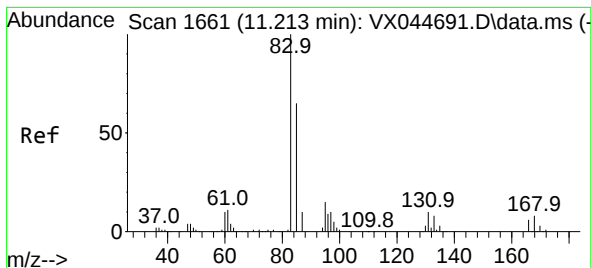
Tgt Ion:104 Resp: 223133

Ion Ratio Lower Upper

104 100

78 46.0 32.7 60.7

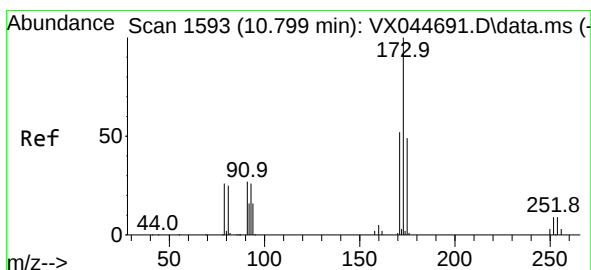
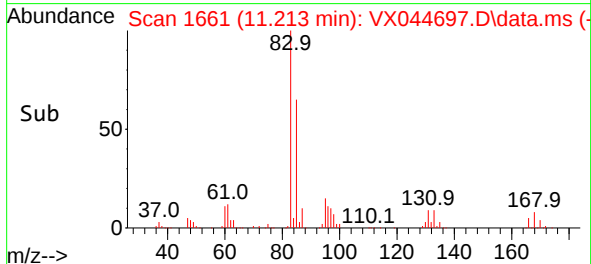
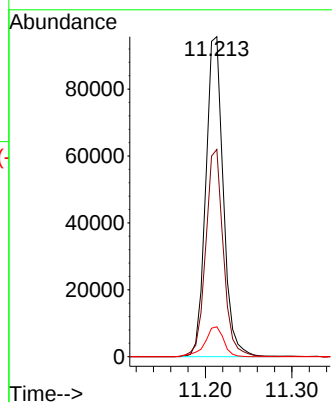
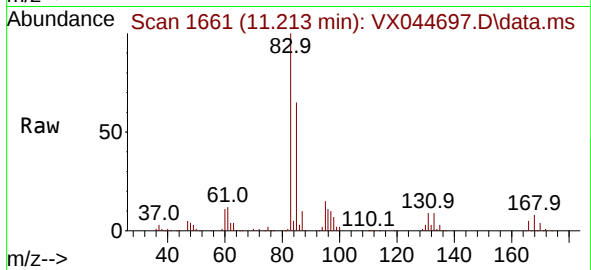




#57
1,1,2-Tetrachloroethane
Concen: 62.876 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX044697.D
Acq: 22 Jan 2025 15:39

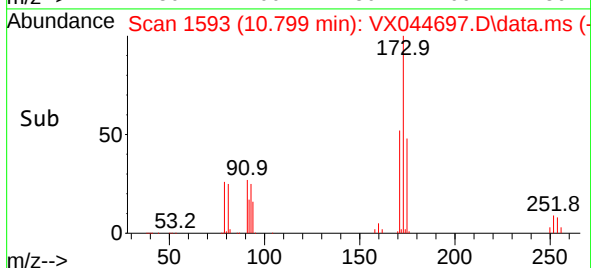
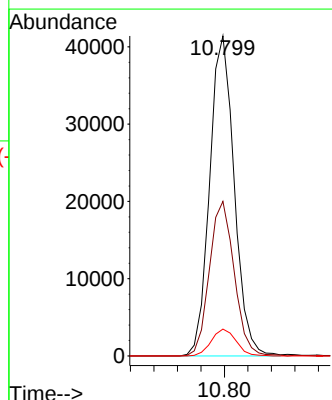
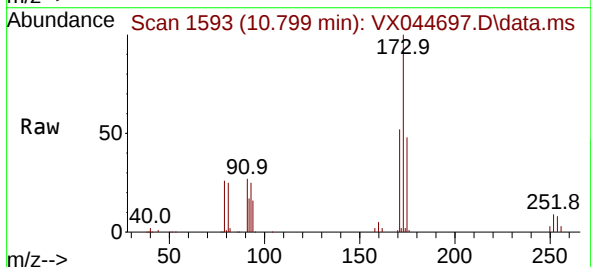
Instrument :
MSVOA_X
ClientSampleId :

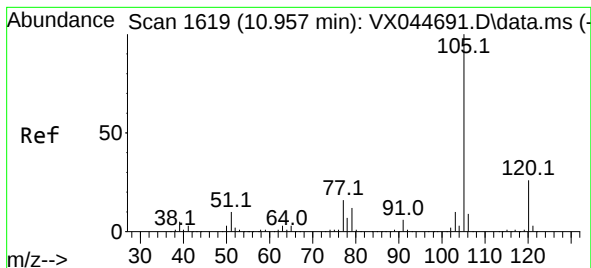
Tgt Ion: 83 Resp: 134230
Ion Ratio Lower Upper
83 100
85 64.7 44.9 83.5
131 9.3 8.0 12.0



#59
Bromoform
Concen: 57.111 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX044697.D
Acq: 22 Jan 2025 15:39

Tgt Ion:173 Resp: 60122
Ion Ratio Lower Upper
173 100
175 48.8 38.6 58.0
254 8.5 6.6 10.0





#60

Isopropylbenzene

Concen: 59.794 ug/L

RT: 10.957 min Scan# 1619

Delta R.T. -0.000 min

Lab File: VX044697.D

Acq: 22 Jan 2025 15:39

Instrument :

MSVOA_X

ClientSampleId :

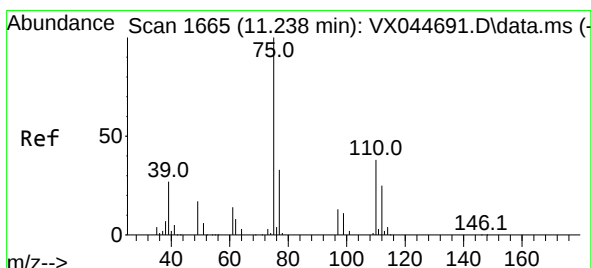
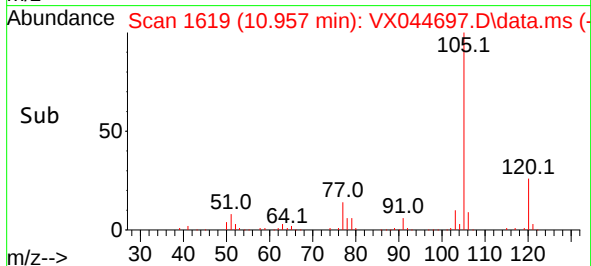
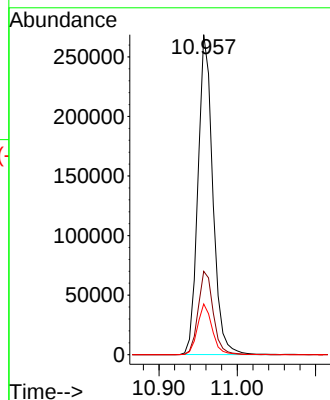
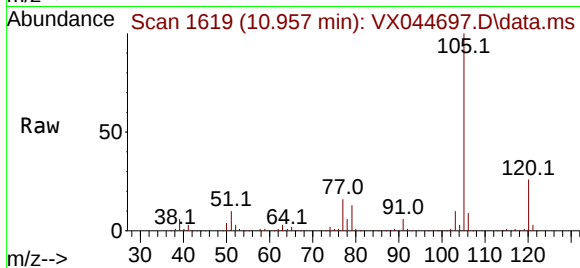
Tgt Ion:105 Resp: 353757

Ion Ratio Lower Upper

105 100

120 26.5 20.9 31.3

77 15.7 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 63.071 ug/L

RT: 11.238 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX044697.D

Acq: 22 Jan 2025 15:39

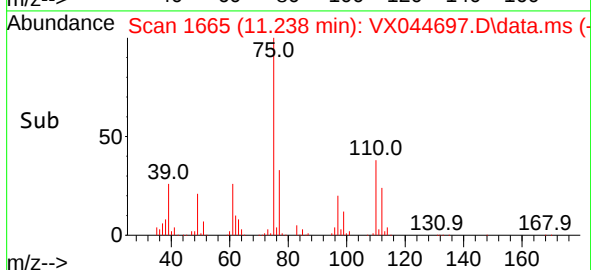
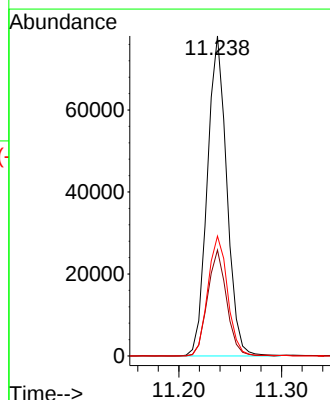
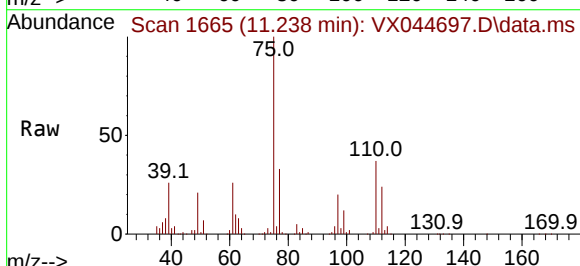
Tgt Ion: 75 Resp: 103037

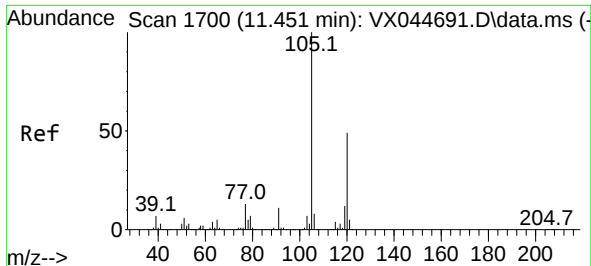
Ion Ratio Lower Upper

75 100

77 32.4 25.8 38.6

110 38.0 30.8 46.2

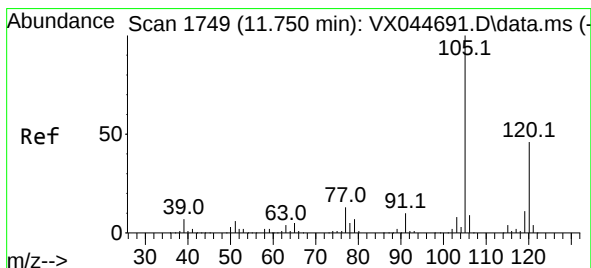
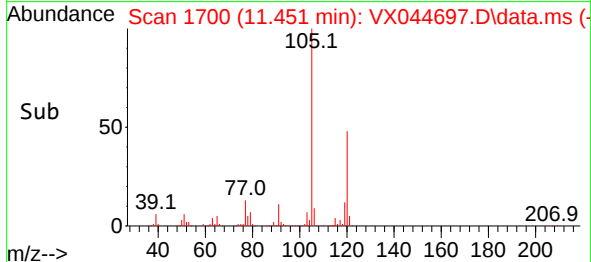
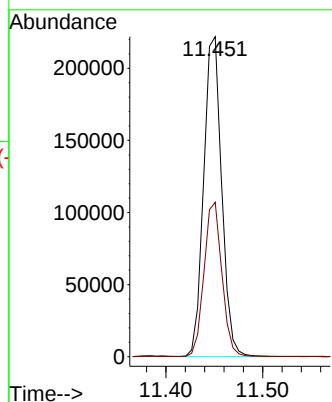
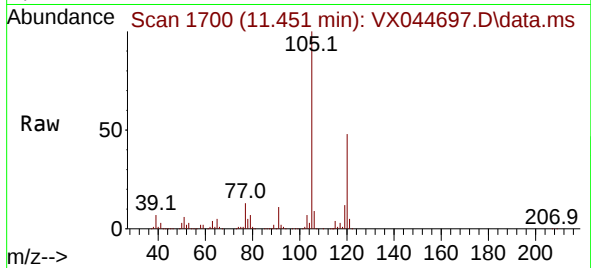




#62
 1,3,5-Trimethylbenzene
 Concen: 58.748 ug/L
 RT: 11.451 min Scan# 1700
 Delta R.T. -0.000 min
 Lab File: VX044697.D
 Acq: 22 Jan 2025 15:39

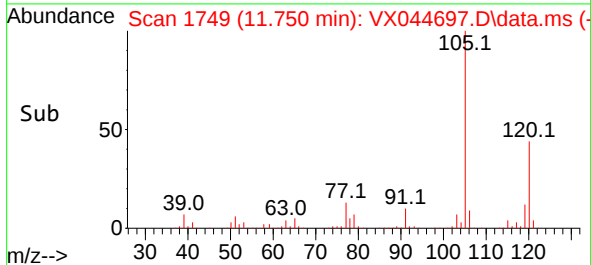
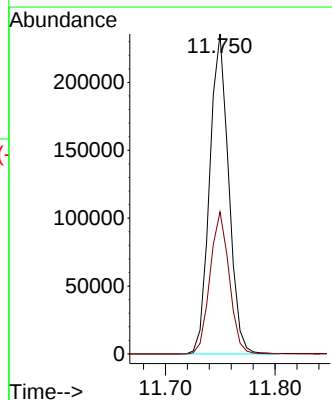
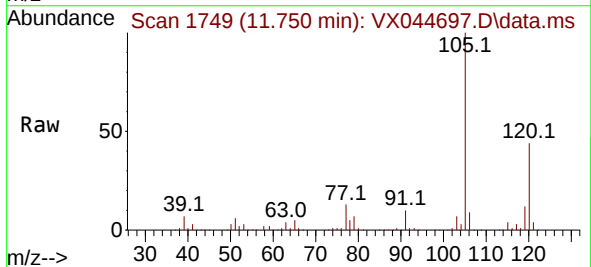
Instrument :
 MSVOA_X
 ClientSampleId :

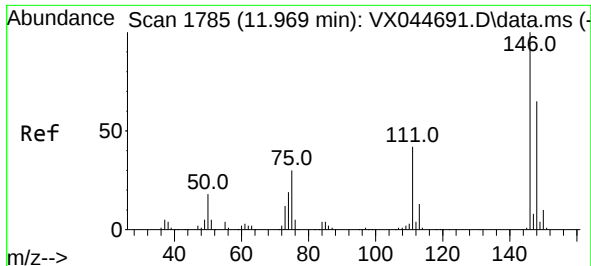
Tgt Ion:105 Resp: 288563
 Ion Ratio Lower Upper
 105 100
 120 48.1 38.3 57.5



#63
 1,2,4-Trimethylbenzene
 Concen: 59.459 ug/L
 RT: 11.750 min Scan# 1749
 Delta R.T. -0.000 min
 Lab File: VX044697.D
 Acq: 22 Jan 2025 15:39

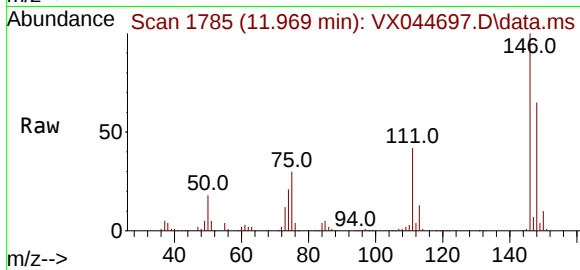
Tgt Ion:105 Resp: 284092
 Ion Ratio Lower Upper
 105 100
 120 44.7 35.7 53.5



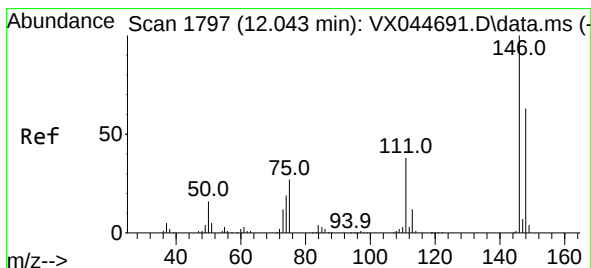
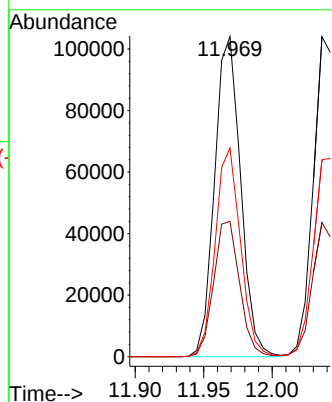
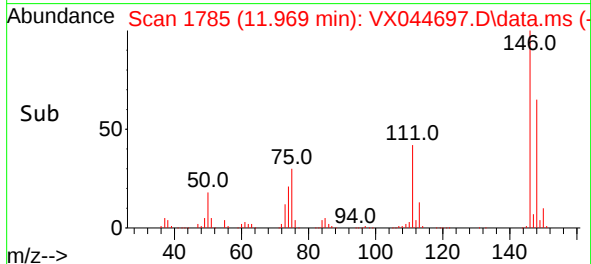


#64
1,3-Dichlorobenzene
Concen: 57.859 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX044697.D
Acq: 22 Jan 2025 15:39

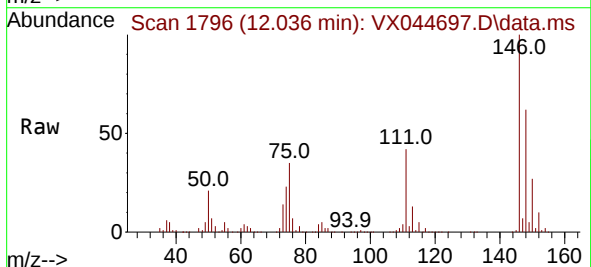
Instrument :
MSVOA_X
ClientSampleId :



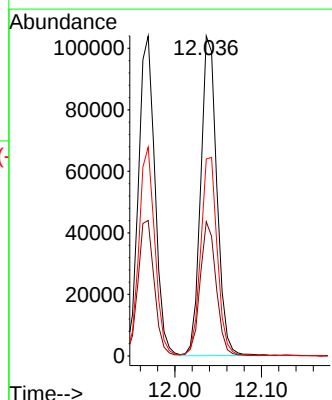
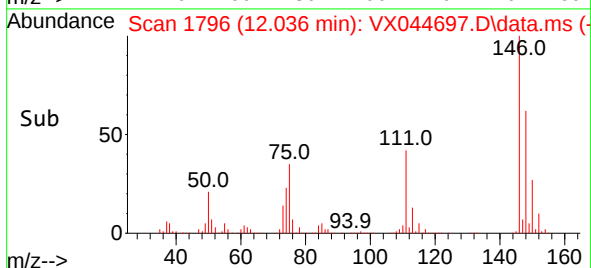
Tgt Ion:146 Resp: 137419
Ion Ratio Lower Upper
146 100
111 42.4 29.5 54.9
148 65.2 44.4 82.5

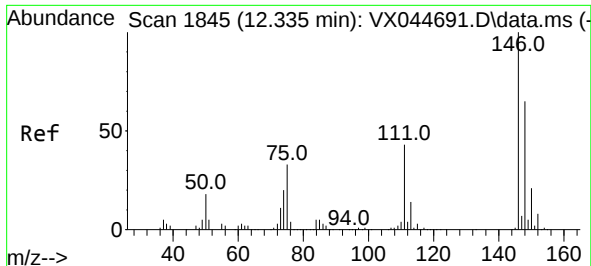


#65
1,4-Dichlorobenzene
Concen: 56.564 ug/L
RT: 12.036 min Scan# 1796
Delta R.T. -0.006 min
Lab File: VX044697.D
Acq: 22 Jan 2025 15:39



Tgt Ion:146 Resp: 134778
Ion Ratio Lower Upper
146 100
111 41.9 29.7 55.1
148 61.5 43.5 80.7





#67

1,2-Dichlorobenzene

Concen: 58.831 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX044697.D

Acq: 22 Jan 2025 15:39

Instrument :

MSVOA_X

ClientSampleId :

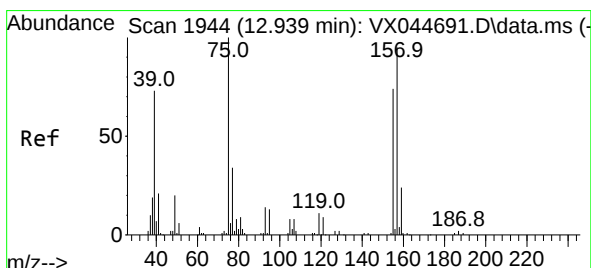
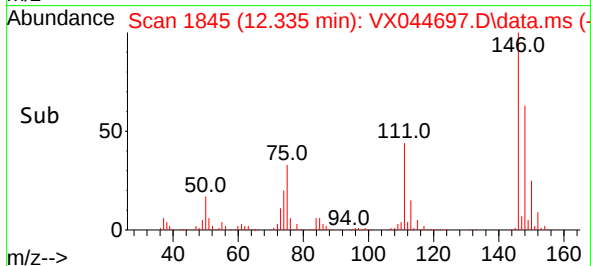
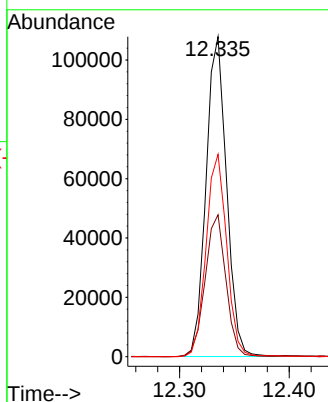
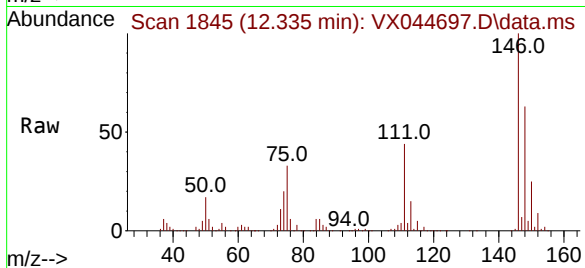
Tgt Ion:146 Resp: 140139

Ion Ratio Lower Upper

146 100

111 44.4 36.1 54.1

148 63.3 51.5 77.3



#68

1,2-Dibromo-3-chloropropane

Concen: 60.172 ug/L

RT: 12.939 min Scan# 1944

Delta R.T. -0.000 min

Lab File: VX044697.D

Acq: 22 Jan 2025 15:39

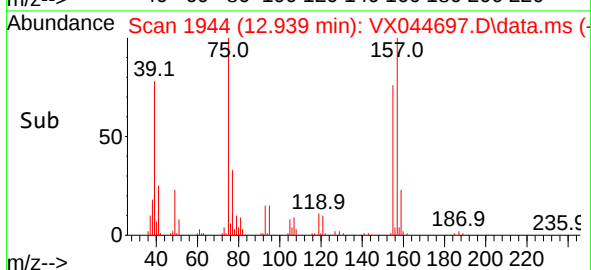
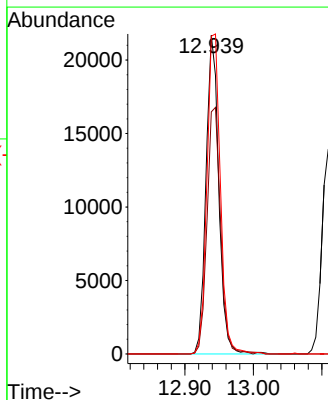
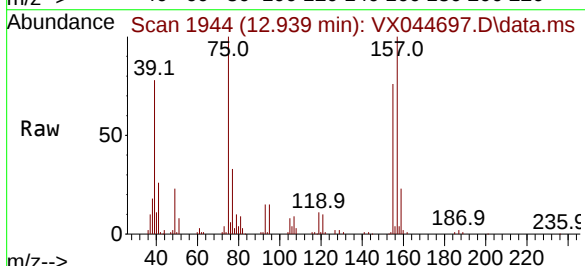
Tgt Ion: 75 Resp: 28262

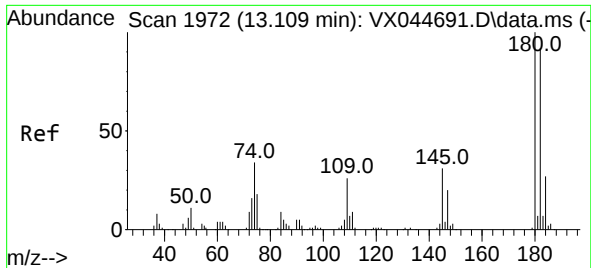
Ion Ratio Lower Upper

75 100

155 75.9 62.5 93.7

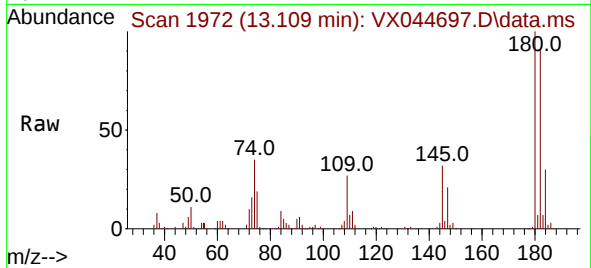
157 99.7 83.5 125.3



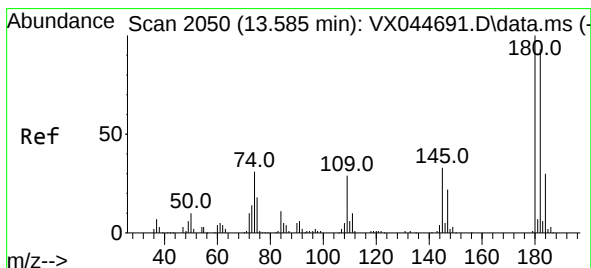
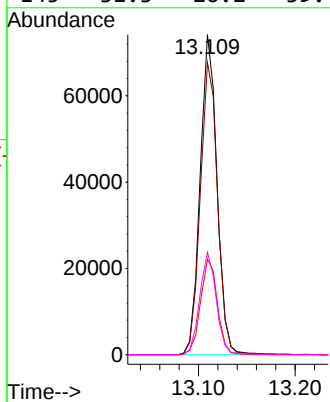
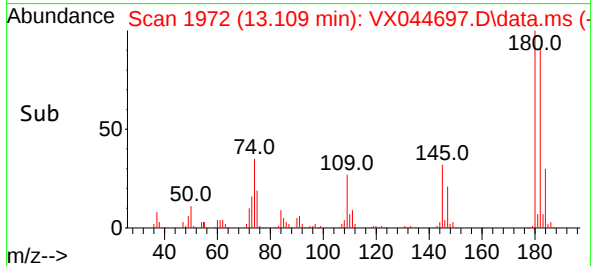


#69
 1,3,5-Trichlorobenzene
 Concen: 58.340 ug/L
 RT: 13.109 min Scan# 1972
 Delta R.T. -0.000 min
 Lab File: VX044697.D
 Acq: 22 Jan 2025 15:39

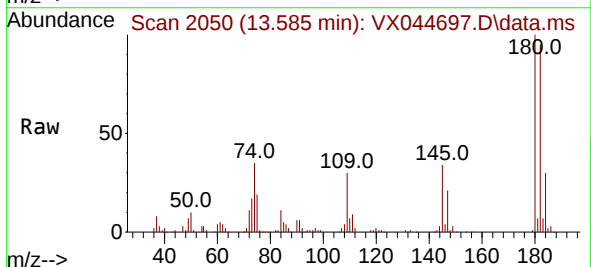
Instrument :
 MSVOA_X
 ClientSampleId :



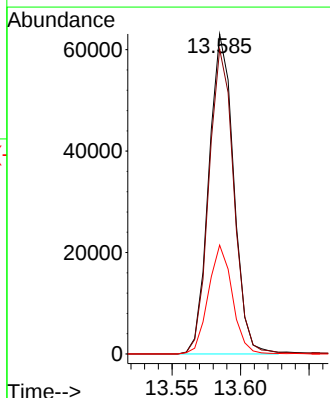
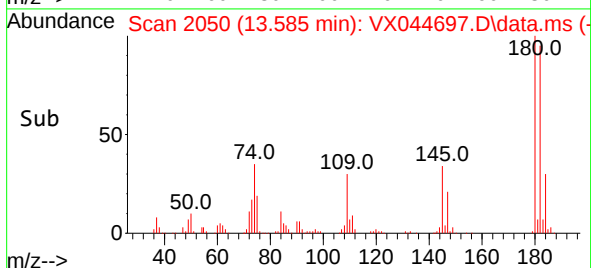
Tgt Ion:180 Resp: 90264
 Ion Ratio Lower Upper
 180 100
 182 93.1 77.0 115.6
 184 29.7 24.0 36.0
 145 31.3 26.2 39.4

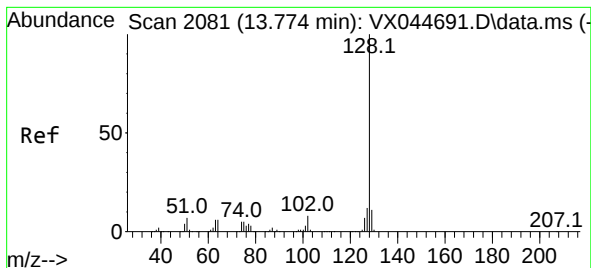


#70
 1,2,4-trichlorobenzene
 Concen: 57.054 ug/L
 RT: 13.585 min Scan# 2050
 Delta R.T. -0.000 min
 Lab File: VX044697.D
 Acq: 22 Jan 2025 15:39



Tgt Ion:180 Resp: 79497
 Ion Ratio Lower Upper
 180 100
 182 95.5 76.5 114.7
 145 32.8 27.0 40.4





#71

Naphthalene

Concen: 62.133 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX044697.D

Acq: 22 Jan 2025 15:39

Instrument :

MSVOA_X

ClientSampleId :

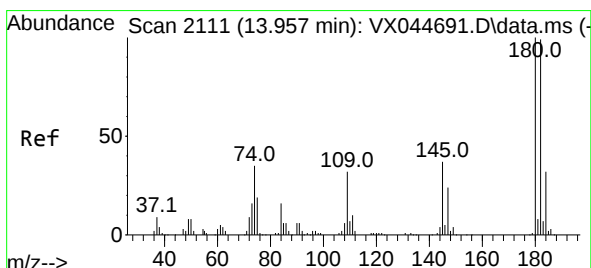
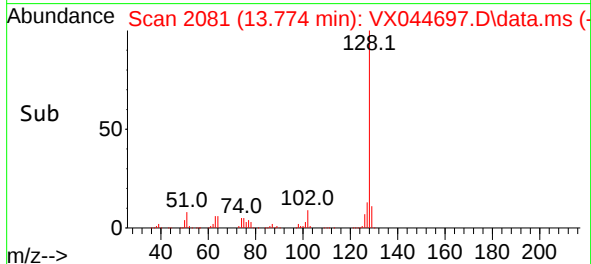
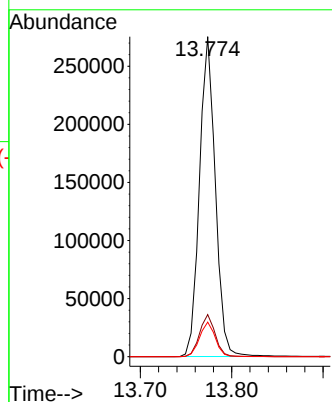
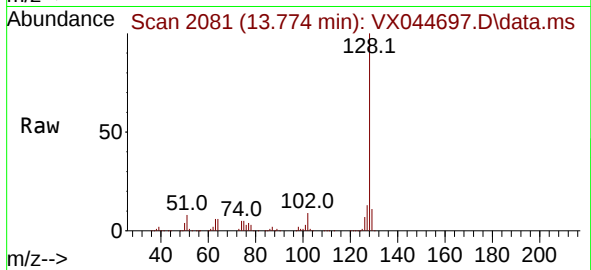
Tgt Ion:128 Resp: 331663

Ion Ratio Lower Upper

128 100

127 13.0 10.1 15.1

129 10.8 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 56.948 ug/L

RT: 13.957 min Scan# 2111

Delta R.T. -0.000 min

Lab File: VX044697.D

Acq: 22 Jan 2025 15:39

Tgt Ion:180 Resp: 81484

Ion Ratio Lower Upper

180 100

182 94.2 77.1 115.7

145 35.7 28.3 42.5

