

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX013125\
 Data File : VX044783.D
 Acq On : 31 Jan 2025 09:37
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 03 07:28:38 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML012825WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jan 28 12:04:44 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.751	114	268883	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.049	117	236895	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	106474	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	99788	49.303	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	98.600%		
7) Chloroethane-d5	1.642	69	35590	46.286	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	92.580%		
11) 1,1-Dichloroethene-d2	2.294	65	44235	51.130	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	102.260%		
21) 2-Butanone-d5	4.453	46	105673	122.128	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	122.130%		
24) Chloroform-d	5.044	84	174157	48.968	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.940%		
26) 1,2-Dichloroethane-d4	5.946	65	103071	48.281	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.560%		
32) Benzene-d6	5.964	84	356650	48.149	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.300%		
36) 1,2-Dichloropropane-d6	7.300	67	112147	47.833	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	95.660%		
41) Toluene-d8	8.641	98	311057	47.447	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.900%		
43) trans-1,3-Dichloroprop...	8.946	79	52702	47.389	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	94.780%		
47) 2-Hexanone-d5	9.385	63	67262	96.937	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	96.940%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	146204	50.182	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	100.360%		
66) 1,2-Dichlorobenzene-d4	12.317	152	102568	49.232	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	98.460%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	106562	55.415	ug/L	91
3) Chloromethane	1.301	50	122876	51.824	ug/L	99
5) Vinyl chloride	1.374	62	117429	53.930	ug/L	98
6) Bromomethane	1.593	94	32340	54.875	ug/L	97
8) Chloroethane	1.666	64	47511	54.648	ug/L	97
9) Trichlorofluoromethane	1.874	101	139824	57.595	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	98334	55.061	ug/L	99
12) 1,1-Dichloroethene	2.313	96	88842	53.310	ug/L	96
13) Acetone	2.380	43	90634	105.043	ug/L	96
14) Carbon disulfide	2.502	76	254983	49.964	ug/L	100
15) Methyl Acetate	2.703	43	103296	51.735	ug/L	98
16) Methylene chloride	2.782	84	101509	53.256	ug/L	98
17) trans-1,2-Dichloroethene	3.087	96	91002	52.201	ug/L	94
18) Methyl tert-butyl Ether	3.111	73	311095	51.759	ug/L	98
19) 1,1-Dichloroethane	3.599	63	178237	52.289	ug/L	98
20) cis-1,2-Dichloroethene	4.477	96	105770	50.686	ug/L	99
22) 2-Butanone	4.556	43	139497	98.046	ug/L	99
23) Bromochloromethane	4.891	128	52068	50.592	ug/L	98
25) Chloroform	5.080	83	177805	51.412	ug/L	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX013125\
 Data File : VX044783.D
 Acq On : 31 Jan 2025 09:37
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

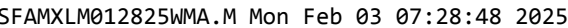
Instrument :
 MSVOA_X
 ClientSampleId :

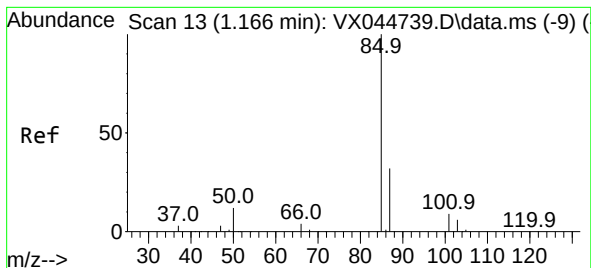
Quant Time: Feb 03 07:28:38 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML012825WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jan 28 12:04:44 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.074	62	132672	51.133	ug/L	97
29) Cyclohexane	5.458	56	183692	50.513	ug/L	97
30) 1,1,1-Trichloroethane	5.373	97	149171	49.770	ug/L	99
31) Carbon tetrachloride	5.666	117	126462	49.201	ug/L	99
33) Benzene	6.025	78	397909	50.968	ug/L	100
34) Trichloroethene	7.117	95	99348	50.006	ug/L	97
35) Methylcyclohexane	7.373	83	172106	50.637	ug/L	100
37) 1,2-Dichloropropane	7.422	63	104388	49.433	ug/L	99
38) Bromodichloromethane	7.818	83	131903	49.769	ug/L	99
39) cis-1,3-Dichloropropene	8.360	75	169963	49.576	ug/L	97
40) 4-Methyl-2-pentanone	8.568	43	280160	100.360	ug/L	99
42) Toluene	8.714	91	414681	51.772	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	152364	49.644	ug/L	99
45) 1,1,2-Trichloroethane	9.147	97	101385	51.437	ug/L	98
46) Tetrachloroethene	9.269	164	70331	49.851	ug/L	96
48) 2-Hexanone	9.427	43	208469	104.220	ug/L	99
49) Dibromochloromethane	9.519	129	98946	49.775	ug/L	100
50) 1,2-Dibromoethane	9.604	107	104055	50.369	ug/L	98
51) Chlorobenzene	10.073	112	261376	52.272	ug/L	99
52) Ethylbenzene	10.189	91	453169	51.759	ug/L	99
53) m,p-Xylene	10.299	106	172624	52.518	ug/L	98
54) o-Xylene	10.640	106	171377	52.896	ug/L	96
55) Styrene	10.653	104	286037	53.492	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.207	83	154190	50.418	ug/L	99
59) Bromoform	10.799	173	66990	47.562	ug/L	99
60) Isopropylbenzene	10.957	105	442523	51.750	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	113507	48.286	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	367440	52.379	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	364835	52.509	ug/L	100
64) 1,3-Dichlorobenzene	11.963	146	180915	51.466	ug/L	99
65) 1,4-Dichlorobenzene	12.037	146	178293	50.954	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	177312	50.876	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.939	75	29348	45.819	ug/L	93
69) 1,3,5-Trichlorobenzene	13.110	180	117988	51.222	ug/L	98
70) 1,2,4-trichlorobenzene	13.585	180	107507	51.770	ug/L	98
71) Naphthalene	13.774	128	406265	50.444	ug/L	100
72) 1,2,3-Trichlorobenzene	13.957	180	106217	50.441	ug/L	99

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

Quant Time: Feb 03 07:28:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML012825WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jan 28 12:04:44 2025
Response via : Initial Calibration

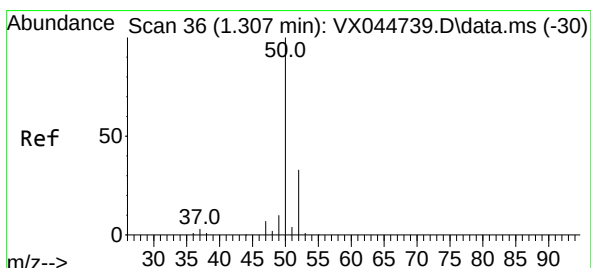
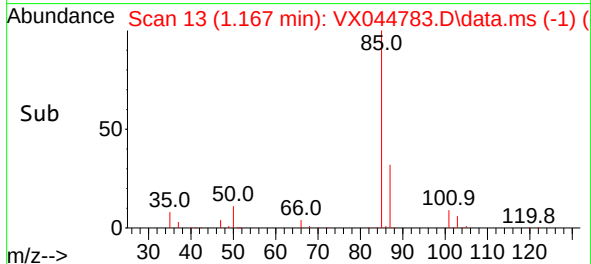
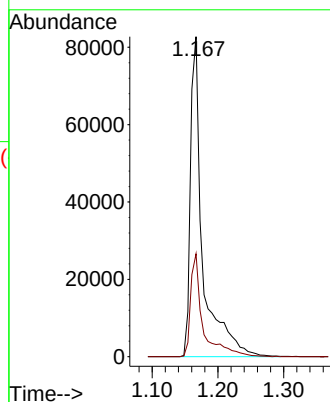
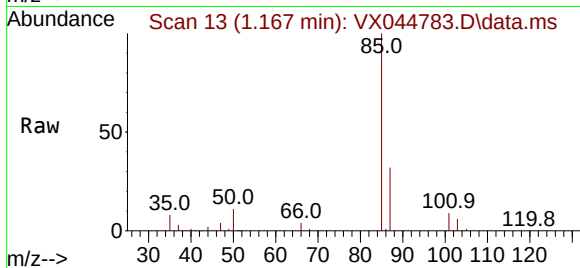




#2
Dichlorodifluoromethane
Concen: 55.415 ug/L
RT: 1.167 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX044783.D
Acq: 31 Jan 2025 09:37

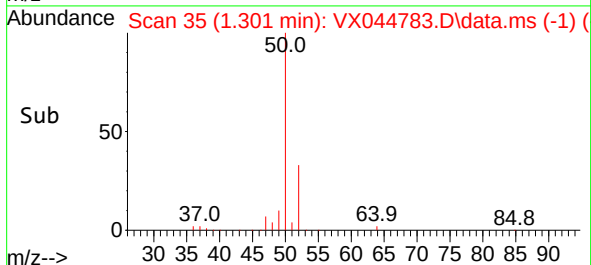
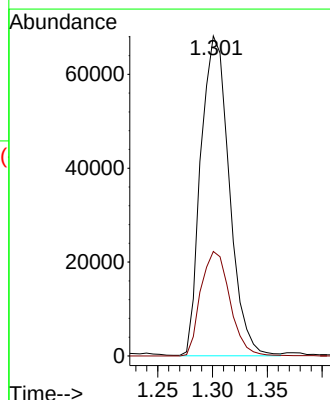
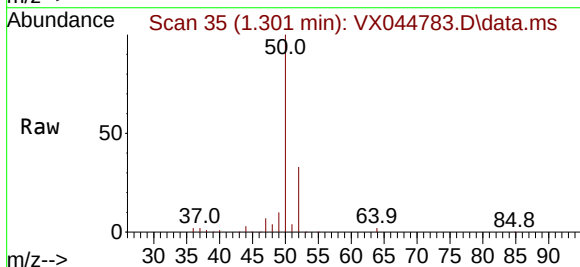
Instrument :
MSVOA_X
ClientSampleId :

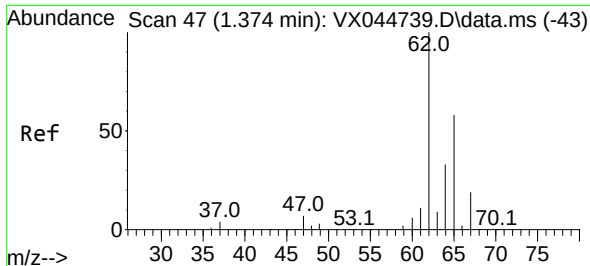
Tgt Ion: 85 Resp: 106562
Ion Ratio Lower Upper
85 100
87 27.4 25.9 38.9



#3
Chloromethane
Concen: 51.824 ug/L
RT: 1.301 min Scan# 35
Delta R.T. -0.006 min
Lab File: VX044783.D
Acq: 31 Jan 2025 09:37

Tgt Ion: 50 Resp: 122876
Ion Ratio Lower Upper
50 100
52 32.6 23.3 43.3

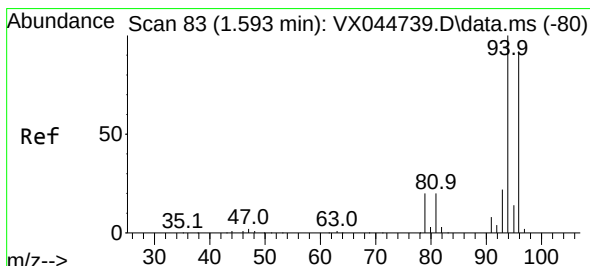
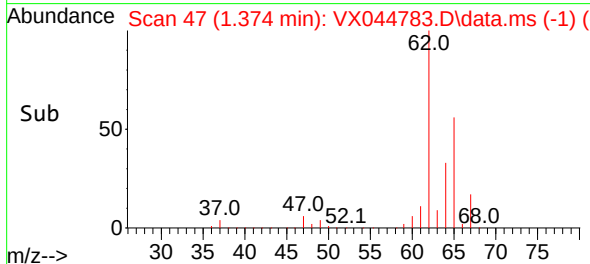
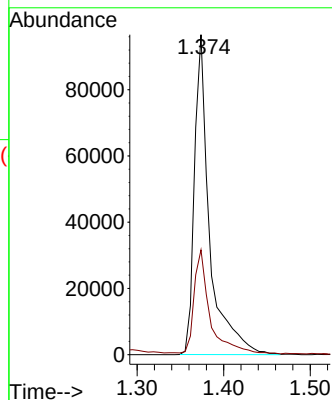
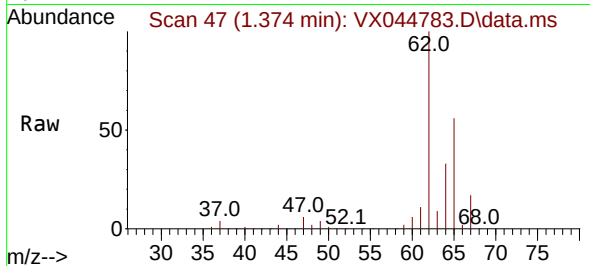




#5
 Vinyl chloride
 Concen: 53.930 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX044783.D
 Acq: 31 Jan 2025 09:37

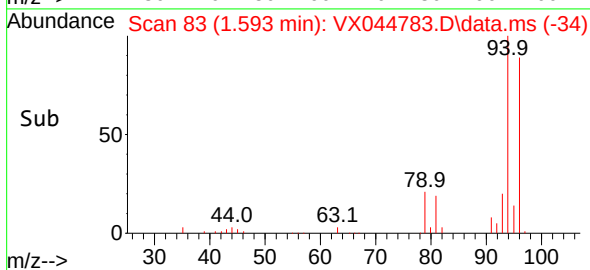
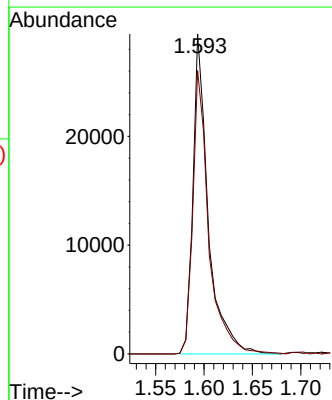
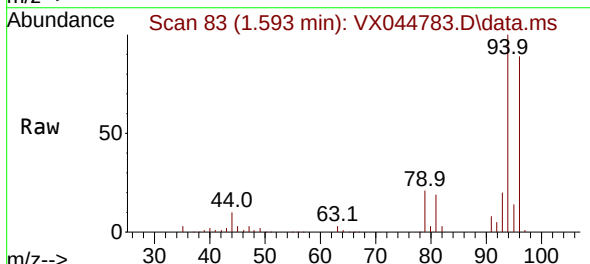
Instrument :
 MSVOA_X
 ClientSampleId :

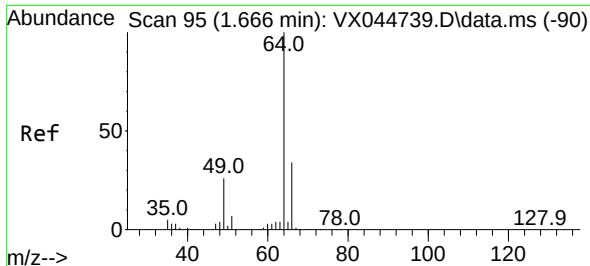
Tgt Ion: 62 Resp: 117429
 Ion Ratio Lower Upper
 62 100
 64 32.8 23.7 44.1



#6
 Bromomethane
 Concen: 54.875 ug/L
 RT: 1.593 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VX044783.D
 Acq: 31 Jan 2025 09:37

Tgt Ion: 94 Resp: 32340
 Ion Ratio Lower Upper
 94 100
 96 88.6 64.3 119.3

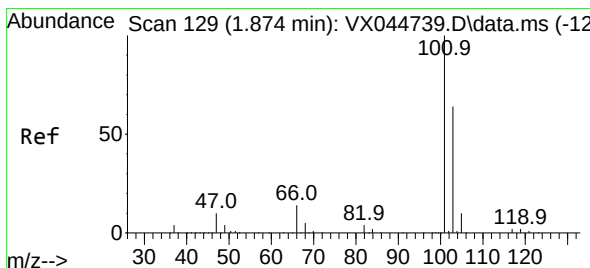
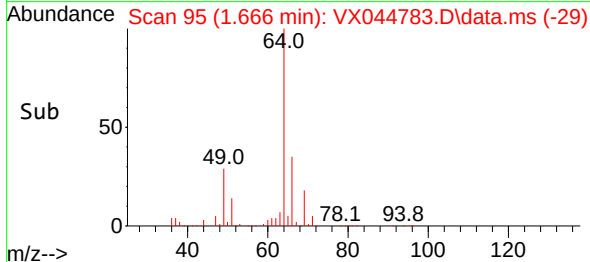
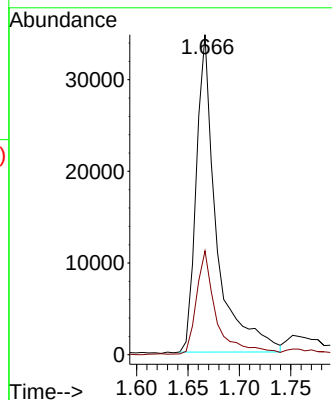
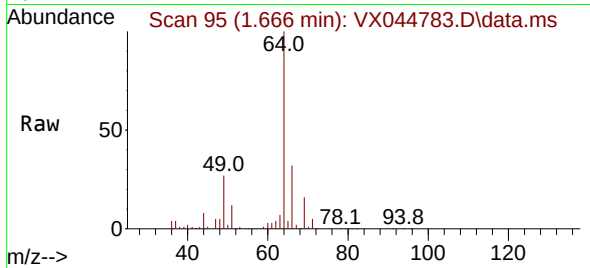




#8
Chloroethane
Concen: 54.648 ug/L
RT: 1.666 min Scan# 95
Delta R.T. 0.000 min
Lab File: VX044783.D
Acq: 31 Jan 2025 09:37

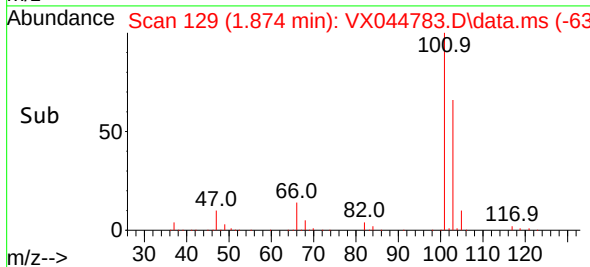
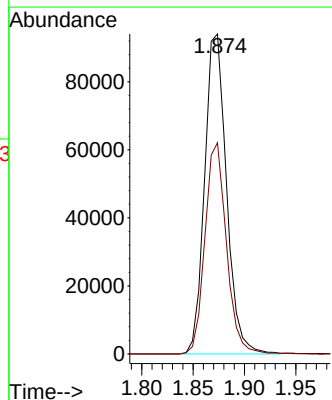
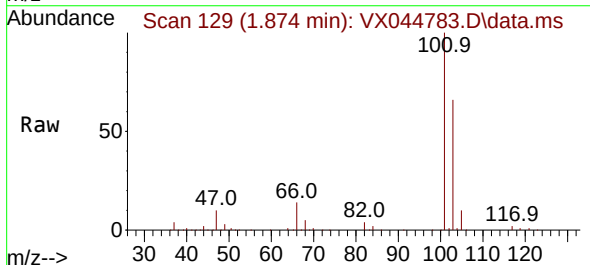
Instrument :
MSVOA_X
ClientSampleId :

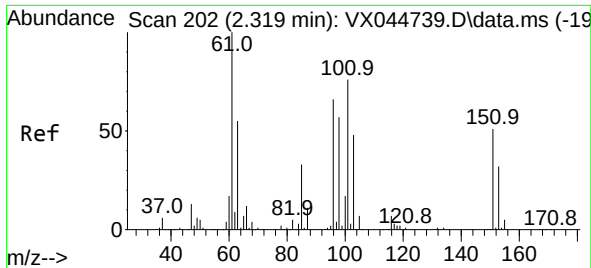
Tgt Ion: 64 Resp: 47511
Ion Ratio Lower Upper
64 100
66 32.5 21.4 39.8



#9
Trichlorofluoromethane
Concen: 57.595 ug/L
RT: 1.874 min Scan# 129
Delta R.T. 0.000 min
Lab File: VX044783.D
Acq: 31 Jan 2025 09:37

Tgt Ion: 101 Resp: 139824
Ion Ratio Lower Upper
101 100
103 64.7 52.2 78.2

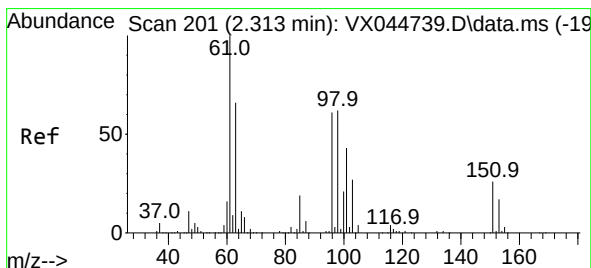
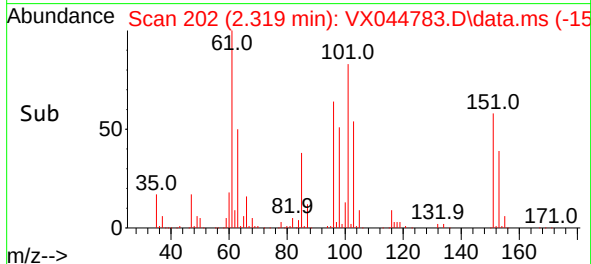
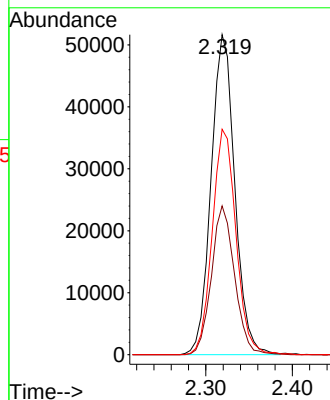
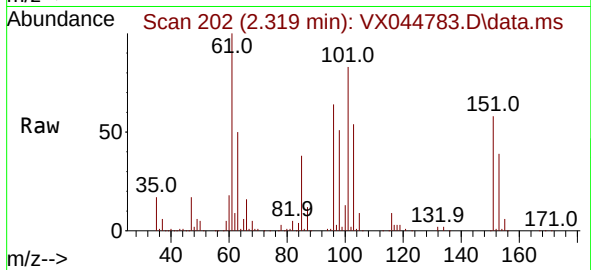




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 55.061 ug/L
 RT: 2.319 min Scan# 201
 Delta R.T. -0.000 min
 Lab File: VX044783.D
 Acq: 31 Jan 2025 09:37

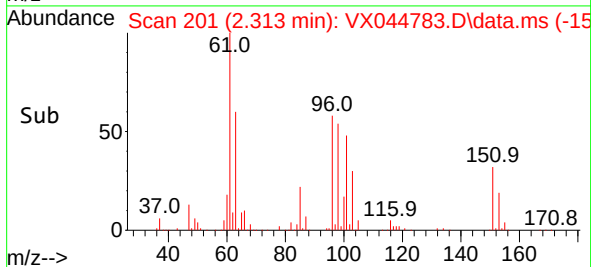
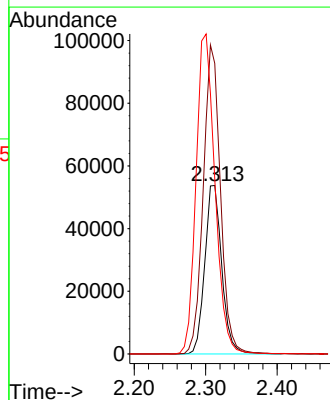
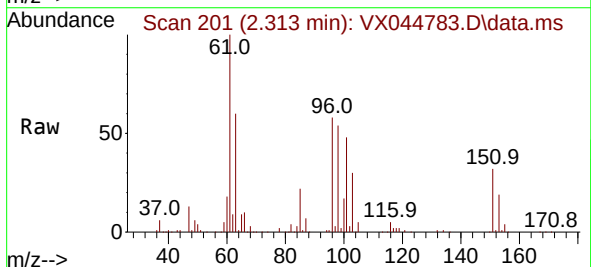
Instrument :
 MSVOA_X
 ClientSampleId :

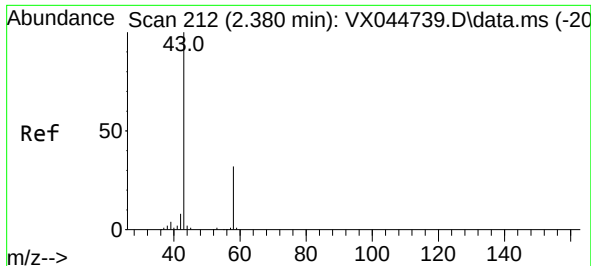
Tgt Ion:101 Resp: 98334
 Ion Ratio Lower Upper
 101 100
 85 45.4 35.4 53.0
 151 70.5 57.0 85.4



#12
 1,1-Dichloroethene
 Concen: 53.310 ug/L
 RT: 2.313 min Scan# 201
 Delta R.T. 0.000 min
 Lab File: VX044783.D
 Acq: 31 Jan 2025 09:37

Tgt Ion: 96 Resp: 88842
 Ion Ratio Lower Upper
 96 100
 61 172.5 115.1 213.8
 63 103.9 74.1 137.5





#13

Acetone

Concen: 105.043 ug/L

RT: 2.380 min Scan# 212

Delta R.T. 0.000 min

Lab File: VX044783.D

Acq: 31 Jan 2025 09:37

Instrument :

MSVOA_X

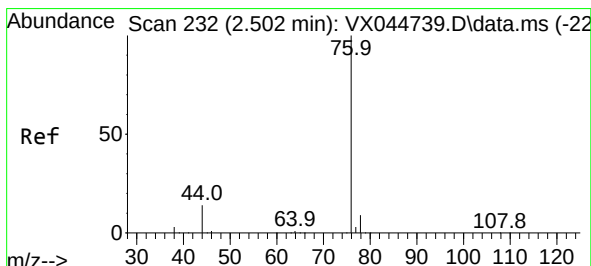
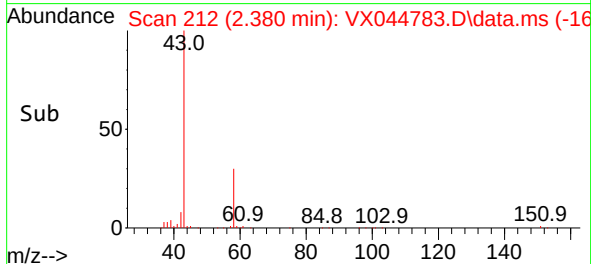
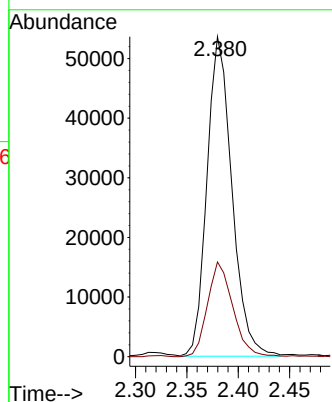
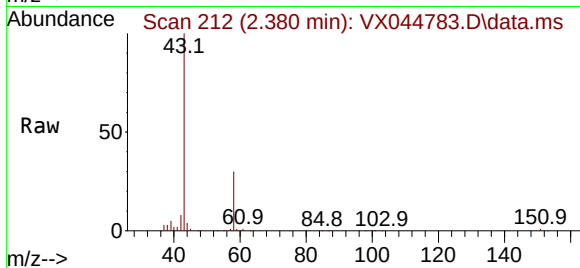
ClientSampleId :

Tgt Ion: 43 Resp: 90634

Ion Ratio Lower Upper

43 100

58 29.9 0.0 64.6



#14

Carbon disulfide

Concen: 49.964 ug/L

RT: 2.502 min Scan# 232

Delta R.T. 0.000 min

Lab File: VX044783.D

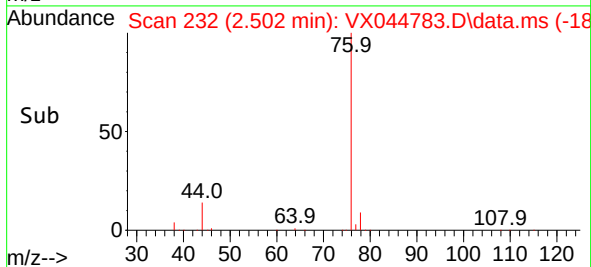
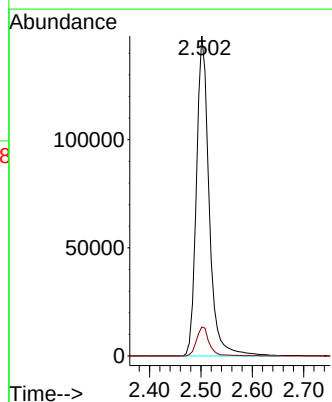
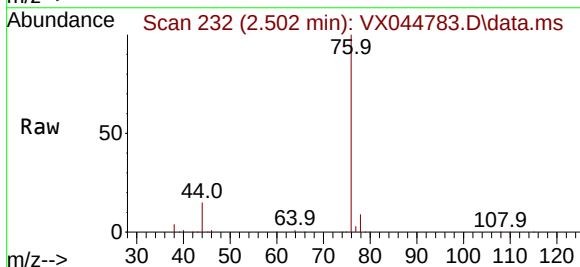
Acq: 31 Jan 2025 09:37

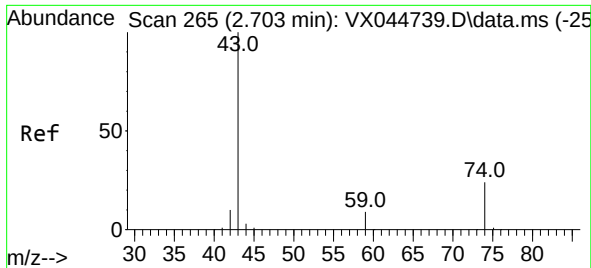
Tgt Ion: 76 Resp: 254983

Ion Ratio Lower Upper

76 100

78 9.1 7.2 10.8

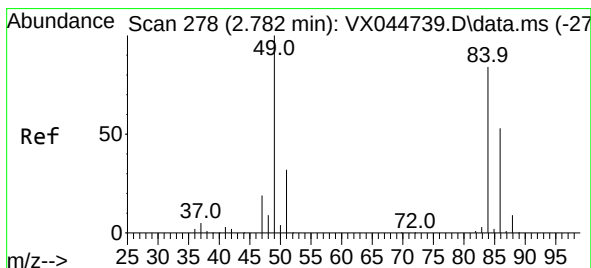
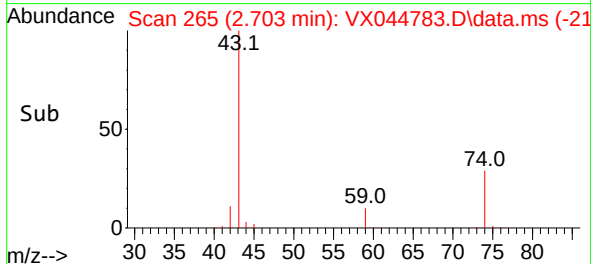
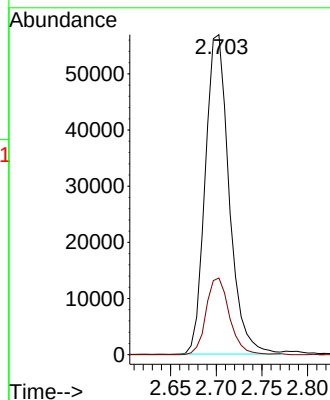
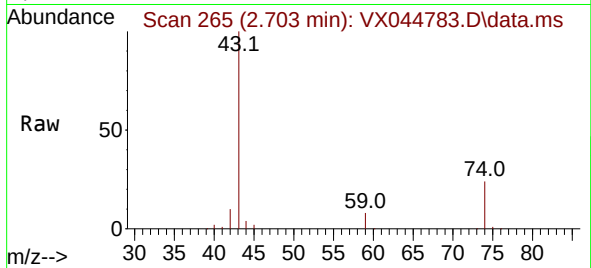




#15
Methyl Acetate
Concen: 51.735 ug/L
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX044783.D
Acq: 31 Jan 2025 09:37

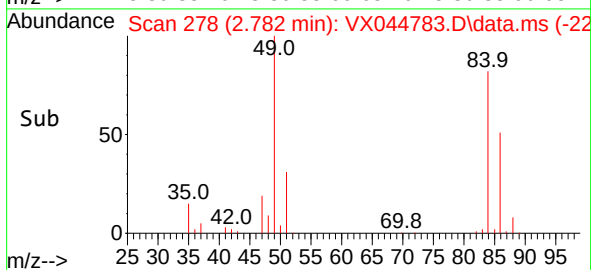
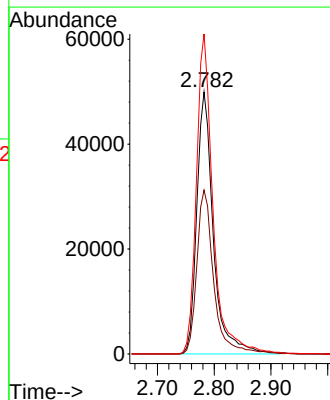
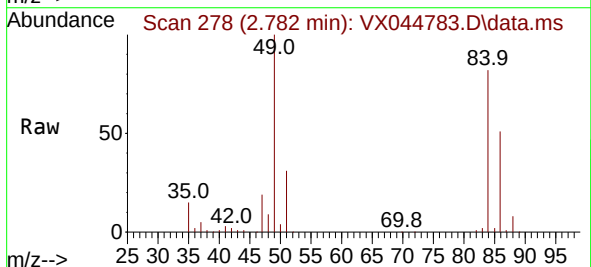
Instrument :
MSVOA_X
ClientSampleId :

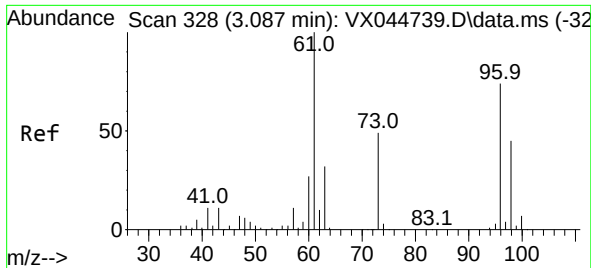
Tgt Ion: 43 Resp: 103296
Ion Ratio Lower Upper
43 100
74 23.4 19.7 29.5



#16
Methylene chloride
Concen: 53.256 ug/L
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX044783.D
Acq: 31 Jan 2025 09:37

Tgt Ion: 84 Resp: 101509
Ion Ratio Lower Upper
84 100
86 62.6 45.6 84.8
49 122.2 84.6 157.0

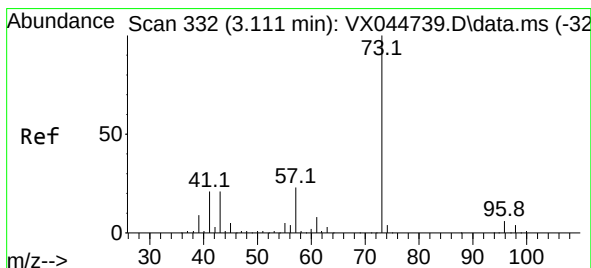
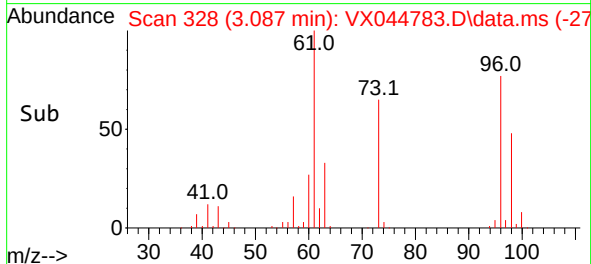
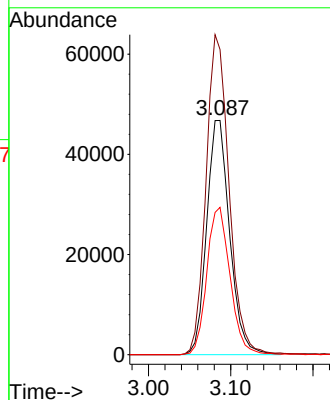
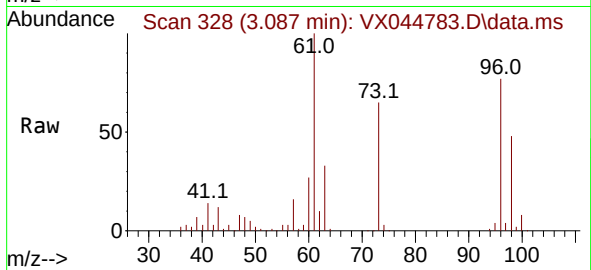




#17
trans-1,2-Dichloroethene
Concen: 52.201 ug/L
RT: 3.087 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX044783.D
Acq: 31 Jan 2025 09:37

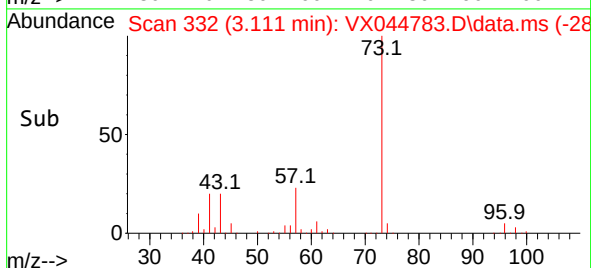
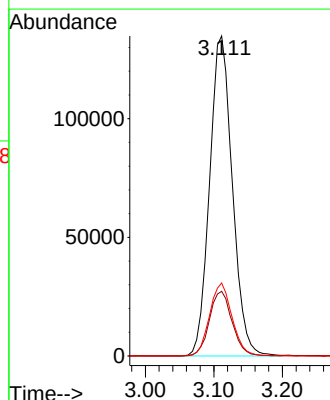
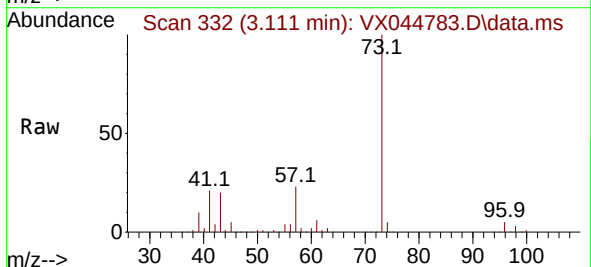
Instrument :
MSVOA_X
ClientSampleId :

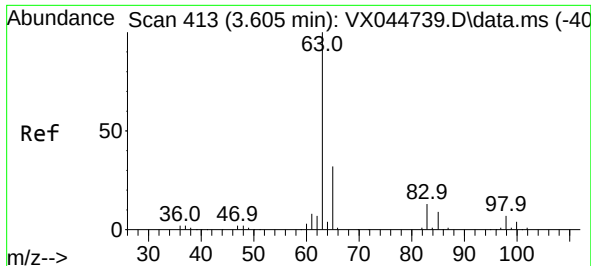
Tgt Ion: 96 Resp: 91002
Ion Ratio Lower Upper
96 100
61 130.2 98.3 182.7
98 62.9 44.1 81.9



#18
Methyl tert-butyl Ether
Concen: 51.759 ug/L
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX044783.D
Acq: 31 Jan 2025 09:37

Tgt Ion: 73 Resp: 311095
Ion Ratio Lower Upper
73 100
43 20.2 16.9 25.3
57 22.5 17.4 26.0





#19

1,1-Dichloroethane

Concen: 52.289 ug/L

RT: 3.599 min Scan# 41

Delta R.T. -0.006 min

Lab File: VX044783.D

Acq: 31 Jan 2025 09:37

Instrument :

MSVOA_X

ClientSampleId :

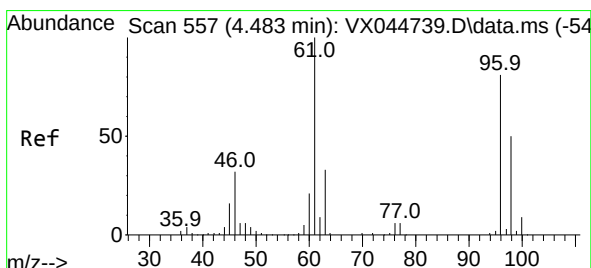
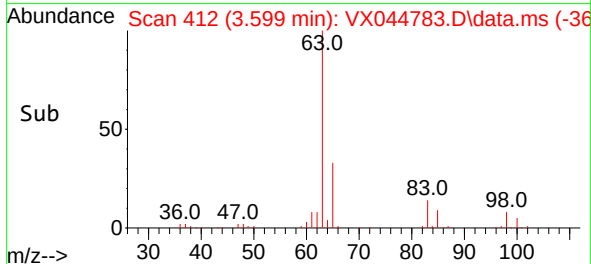
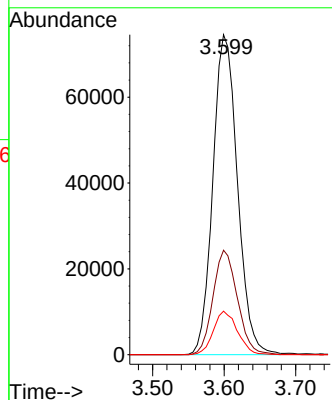
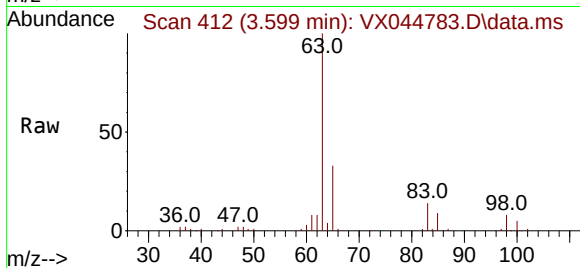
Tgt Ion: 63 Resp: 178237

Ion Ratio Lower Upper

63 100

65 32.7 21.8 40.6

83 13.6 9.4 17.4



#20

cis-1,2-Dichloroethene

Concen: 50.686 ug/L

RT: 4.477 min Scan# 556

Delta R.T. -0.006 min

Lab File: VX044783.D

Acq: 31 Jan 2025 09:37

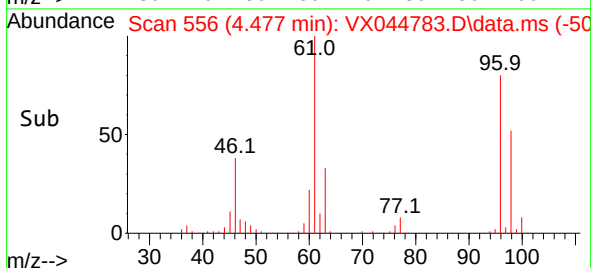
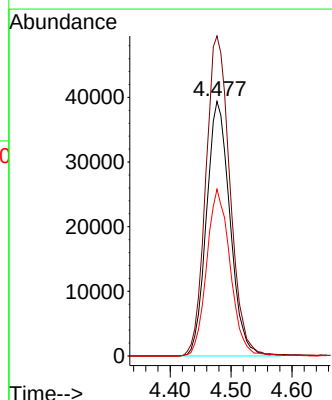
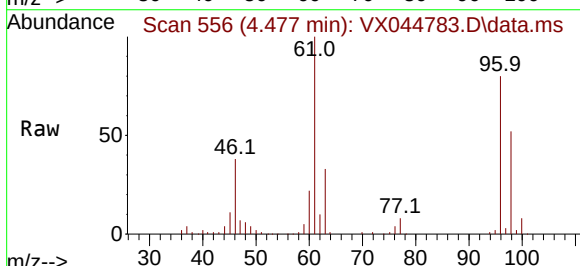
Tgt Ion: 96 Resp: 105770

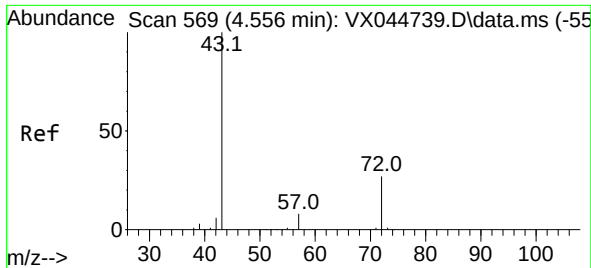
Ion Ratio Lower Upper

96 100

61 125.7 88.3 163.9

98 65.5 44.6 82.8

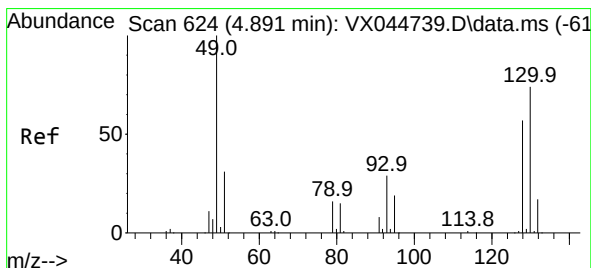
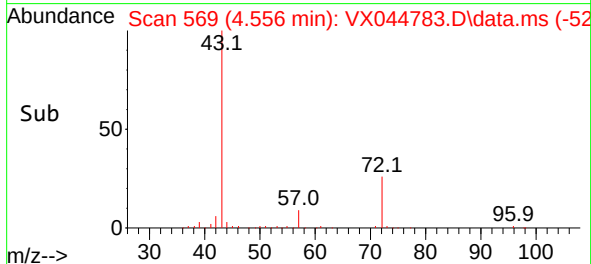
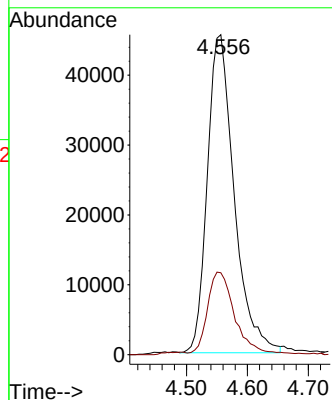
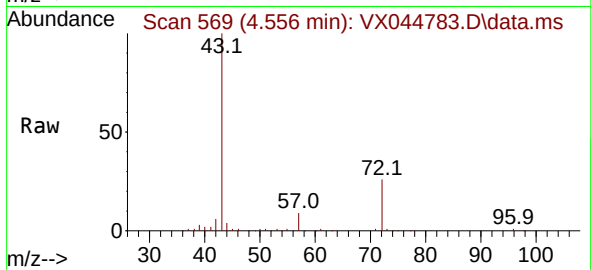




#22
2-Butanone
Concen: 98.046 ug/L
RT: 4.556 min Scan# 569
Delta R.T. 0.000 min
Lab File: VX044783.D
Acq: 31 Jan 2025 09:37

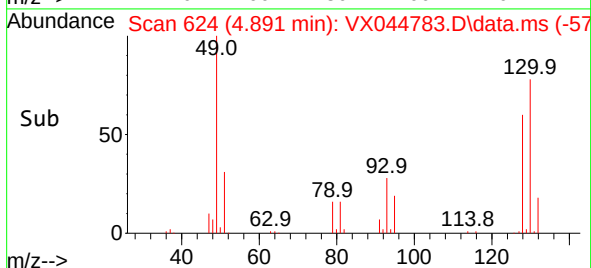
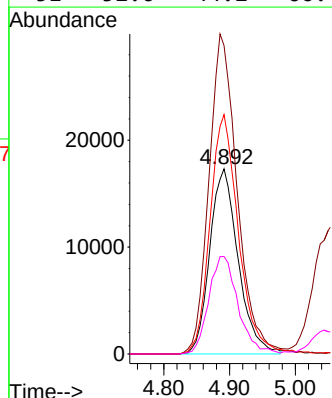
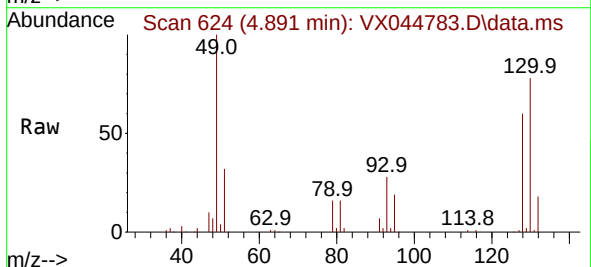
Instrument :
MSVOA_X
ClientSampleId :

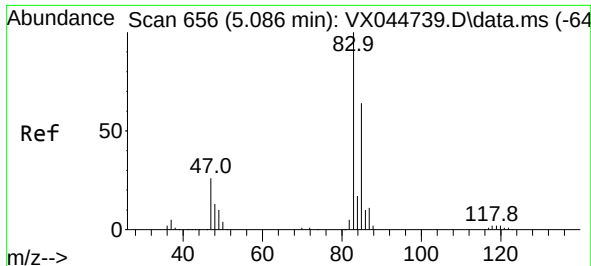
Tgt Ion: 43 Resp: 139497
Ion Ratio Lower Upper
43 100
72 26.3 13.4 40.2



#23
Bromochloromethane
Concen: 50.592 ug/L
RT: 4.891 min Scan# 624
Delta R.T. 0.000 min
Lab File: VX044783.D
Acq: 31 Jan 2025 09:37

Tgt Ion: 128 Resp: 52068
Ion Ratio Lower Upper
128 100
49 166.5 117.6 218.4
130 129.3 92.0 170.9
51 52.6 44.2 66.4





#25

Chloroform

Concen: 51.412 ug/L

RT: 5.080 min Scan# 61

Delta R.T. -0.006 min

Lab File: VX044783.D

Acq: 31 Jan 2025 09:37

Instrument :

MSVOA_X

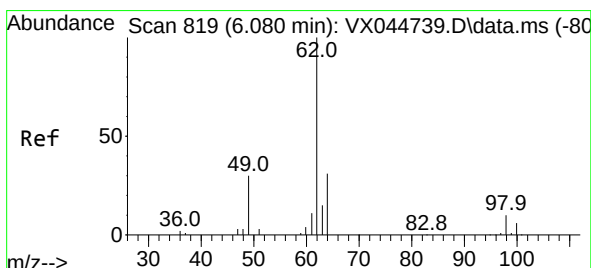
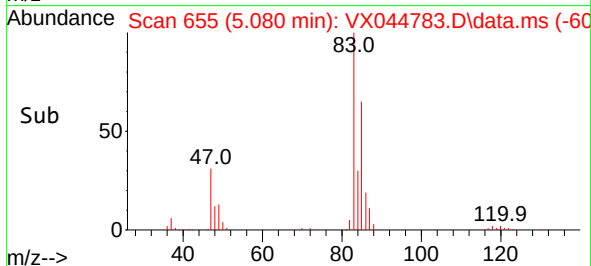
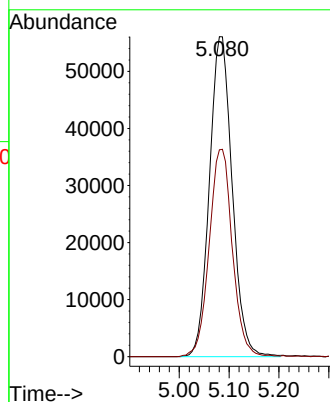
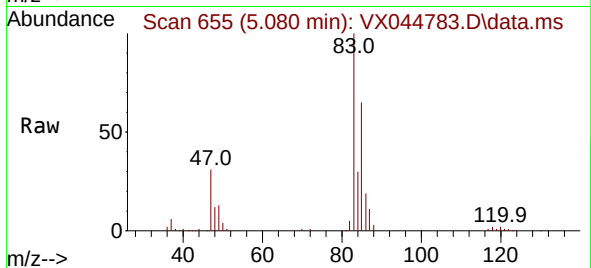
ClientSampleId :

Tgt Ion: 83 Resp: 177805

Ion Ratio Lower Upper

83 100

85 64.7 45.4 84.2



#27

1,2-Dichloroethane

Concen: 51.133 ug/L

RT: 6.074 min Scan# 818

Delta R.T. -0.006 min

Lab File: VX044783.D

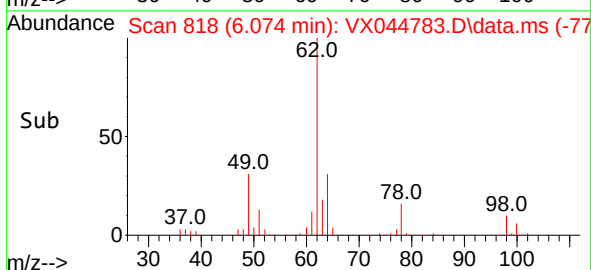
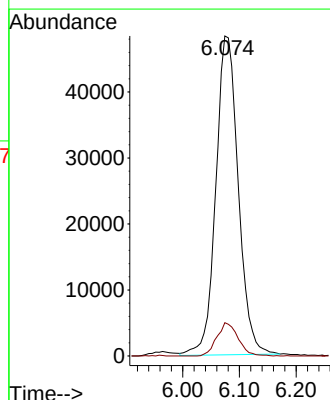
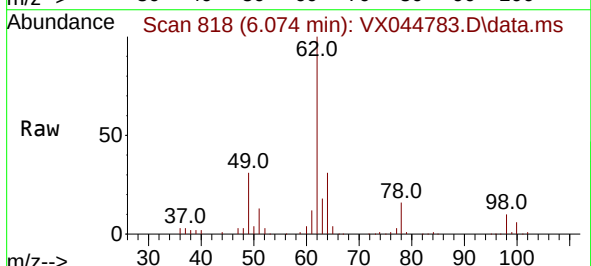
Acq: 31 Jan 2025 09:37

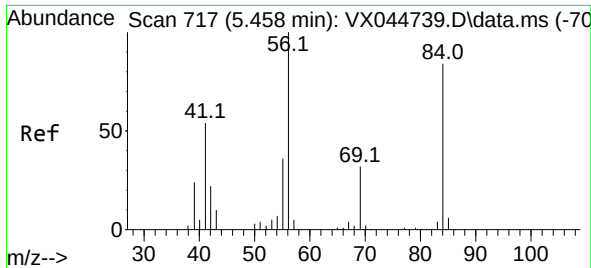
Tgt Ion: 62 Resp: 132672

Ion Ratio Lower Upper

62 100

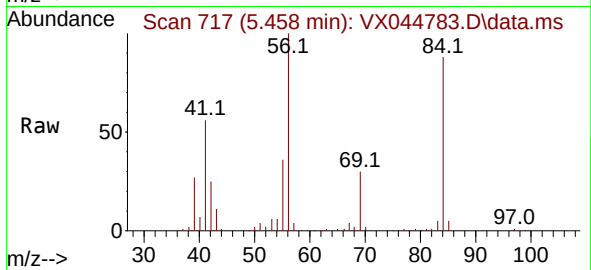
98 10.4 7.4 11.2



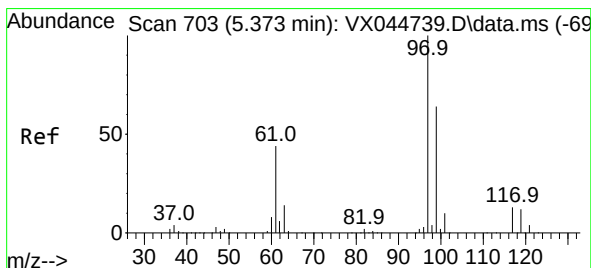
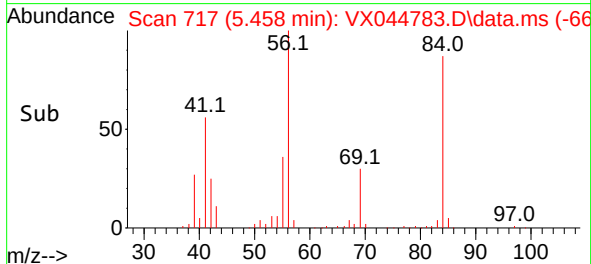
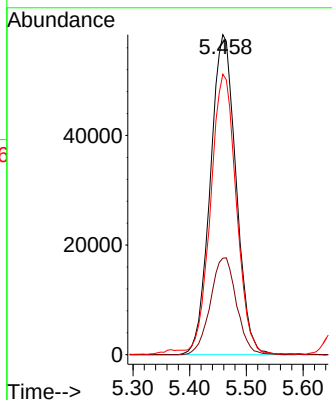


#29
Cyclohexane
Concen: 50.513 ug/L
RT: 5.458 min Scan# 717
Delta R.T. 0.000 min
Lab File: VX044783.D
Acq: 31 Jan 2025 09:37

Instrument :
MSVOA_X
ClientSampleId :

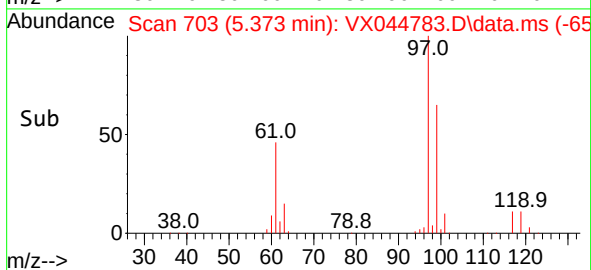
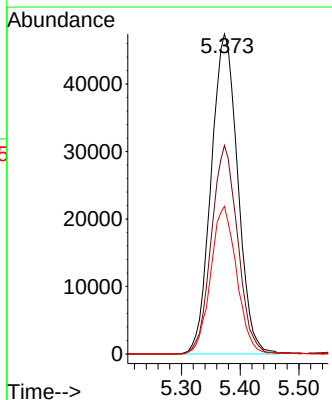
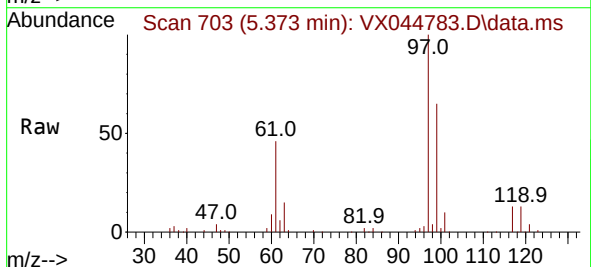


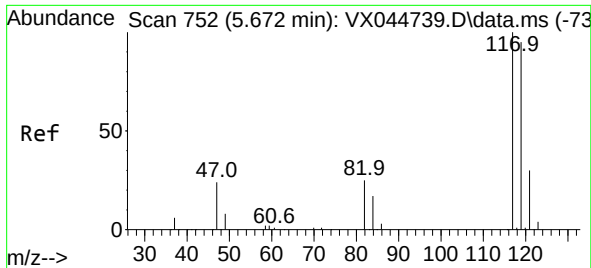
Tgt Ion: 56 Resp: 183692
Ion Ratio Lower Upper
56 100
69 30.7 25.4 38.2
84 86.9 71.6 107.4



#30
1,1,1-Trichloroethane
Concen: 49.770 ug/L
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX044783.D
Acq: 31 Jan 2025 09:37

Tgt Ion: 97 Resp: 149171
Ion Ratio Lower Upper
97 100
99 64.3 51.0 76.4
61 44.9 35.8 53.6

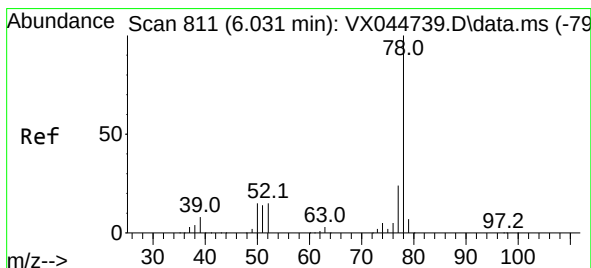
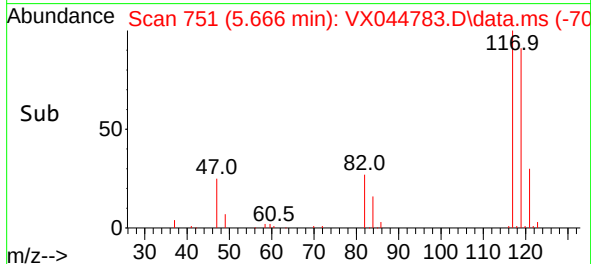
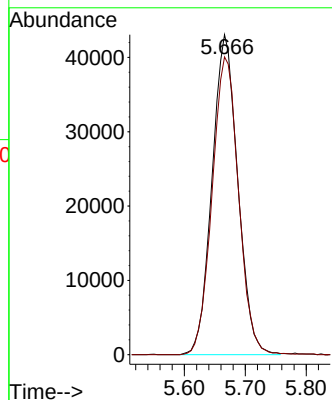
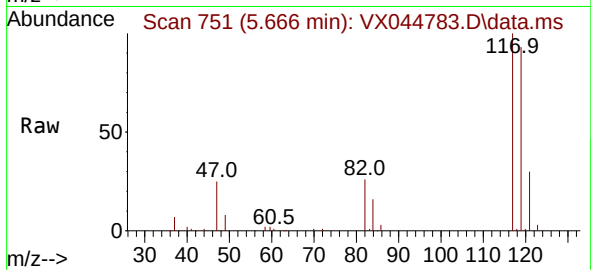




#31
Carbon tetrachloride
Concen: 49.201 ug/L
RT: 5.666 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX044783.D
Acq: 31 Jan 2025 09:37

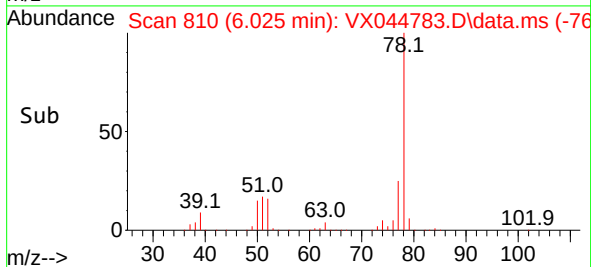
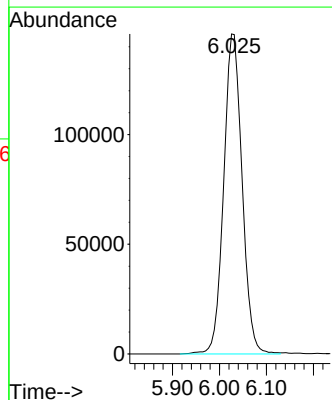
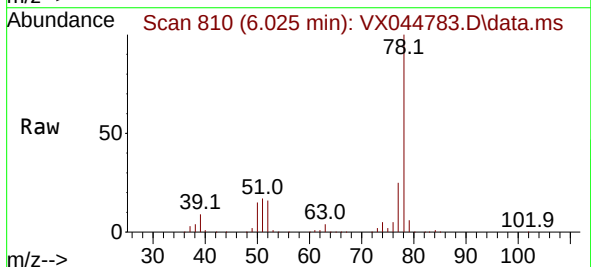
Instrument :
MSVOA_X
ClientSampleId :

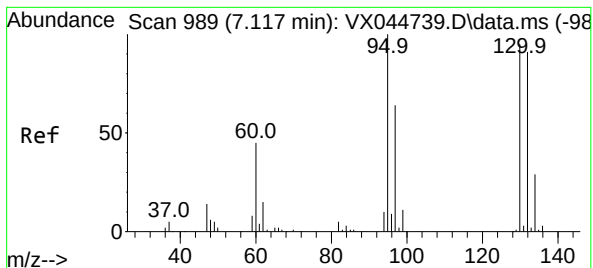
Tgt Ion:117 Resp: 126462
Ion Ratio Lower Upper
117 100
119 95.4 77.1 115.7



#33
Benzene
Concen: 50.968 ug/L
RT: 6.025 min Scan# 810
Delta R.T. -0.006 min
Lab File: VX044783.D
Acq: 31 Jan 2025 09:37

Tgt Ion: 78 Resp: 397909





#34

Trichloroethene

Concen: 50.006 ug/L

RT: 7.117 min Scan# 989

Delta R.T. 0.000 min

Lab File: VX044783.D

Acq: 31 Jan 2025 09:37

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 95 Resp: 99348

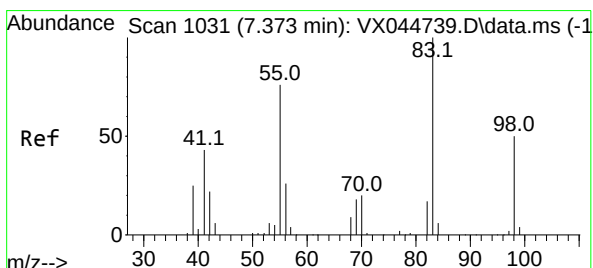
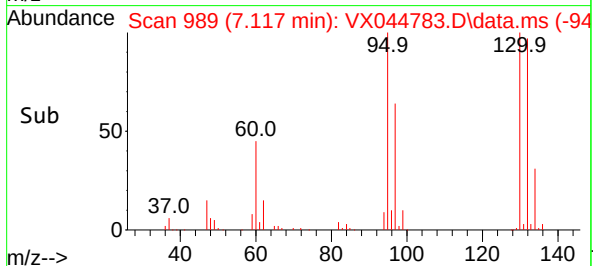
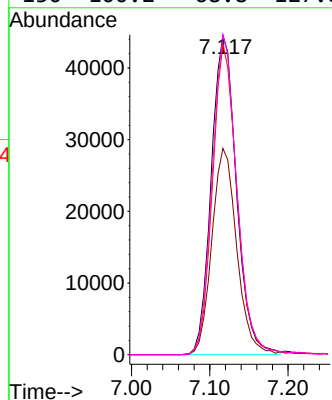
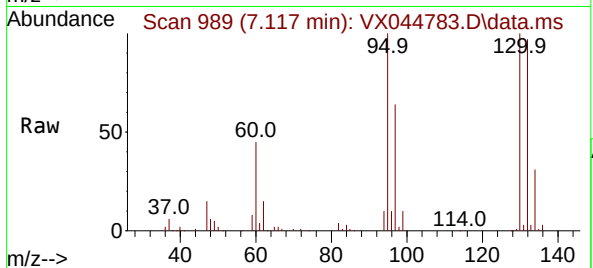
Ion Ratio Lower Upper

95 100

97 64.6 46.1 85.5

132 97.2 64.5 119.9

130 100.2 68.8 127.8



#35

Methylcyclohexane

Concen: 50.637 ug/L

RT: 7.373 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VX044783.D

Acq: 31 Jan 2025 09:37

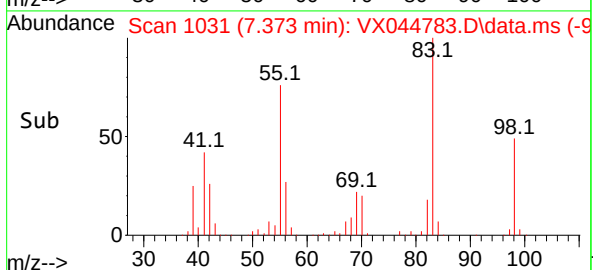
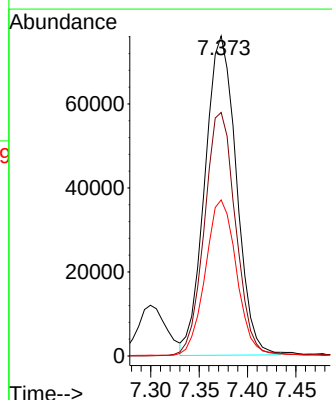
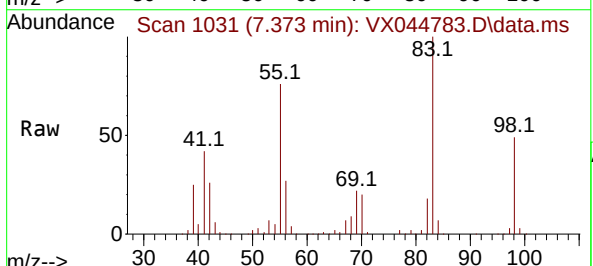
Tgt Ion: 83 Resp: 172106

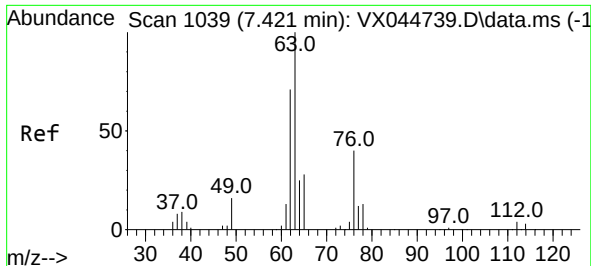
Ion Ratio Lower Upper

83 100

55 75.9 60.6 90.8

98 49.0 38.9 58.3





#37

1,2-Dichloropropane

Concen: 49.433 ug/L

RT: 7.422 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VX044783.D

Acq: 31 Jan 2025 09:37

Instrument :

MSVOA_X

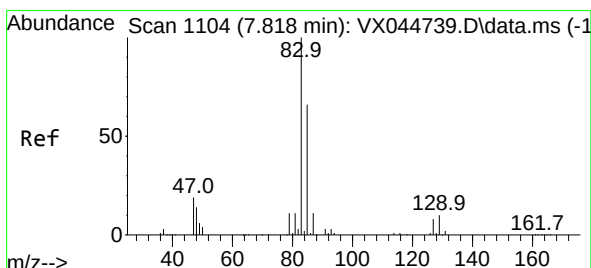
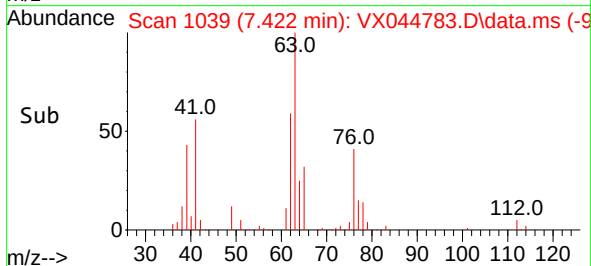
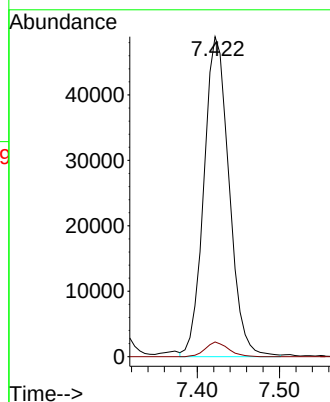
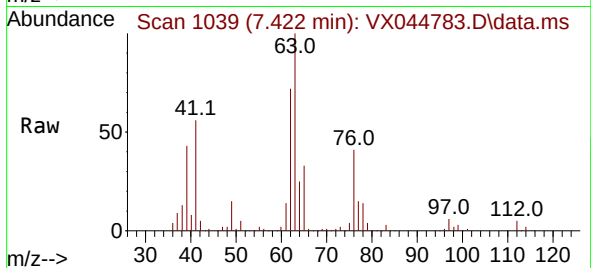
ClientSampleId :

Tgt Ion: 63 Resp: 104388

Ion Ratio Lower Upper

63 100

112 4.2 3.5 5.3



#38

Bromodichloromethane

Concen: 49.769 ug/L

RT: 7.818 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VX044783.D

Acq: 31 Jan 2025 09:37

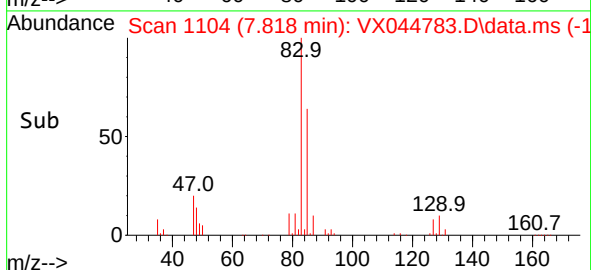
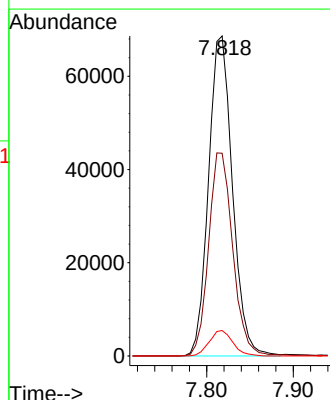
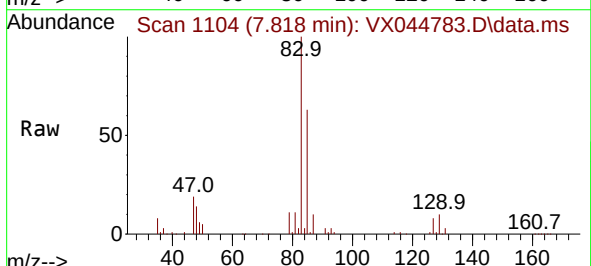
Tgt Ion: 83 Resp: 131903

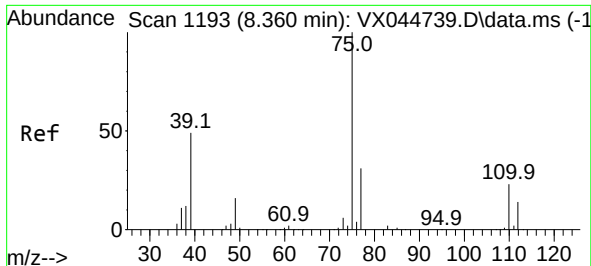
Ion Ratio Lower Upper

83 100

85 63.4 43.8 81.3

127 7.9 6.5 9.7

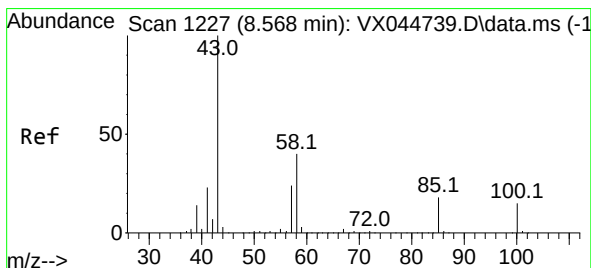
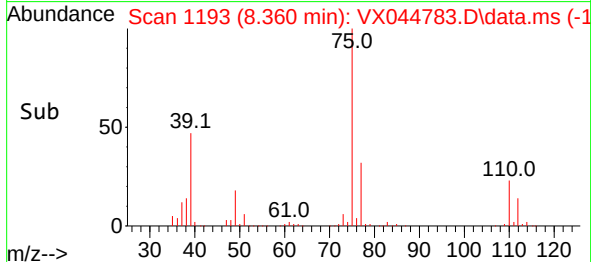
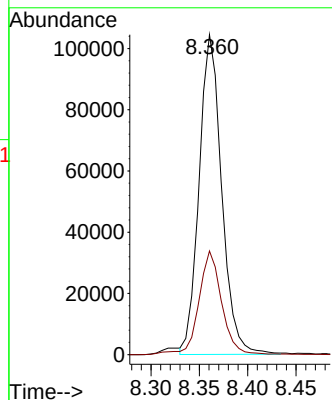
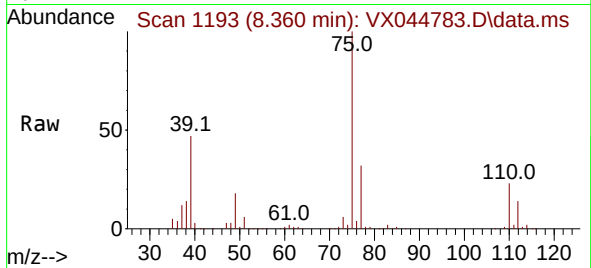




#39
 cis-1,3-Dichloropropene
 Concen: 49.576 ug/L
 RT: 8.360 min Scan# 1193
 Delta R.T. 0.000 min
 Lab File: VX044783.D
 Acq: 31 Jan 2025 09:37

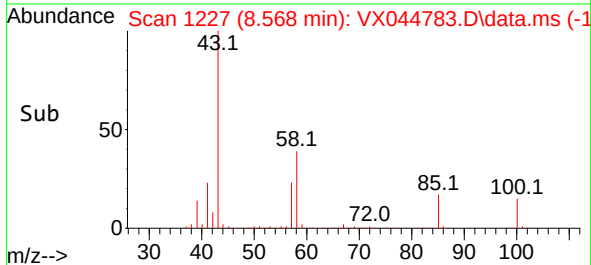
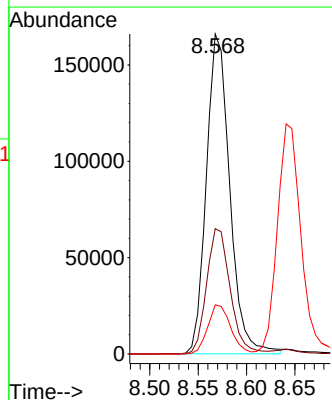
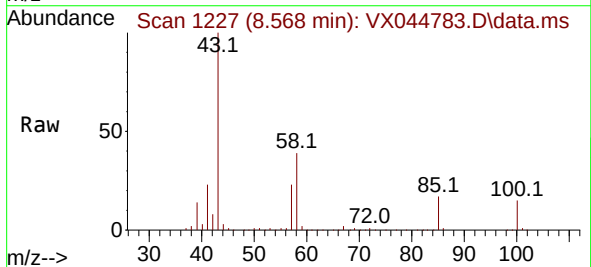
Instrument :
 MSVOA_X
 ClientSampleId :

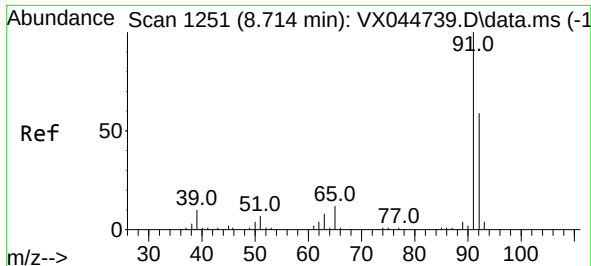
Tgt Ion: 75 Resp: 169963
 Ion Ratio Lower Upper
 75 100
 77 32.4 21.7 40.3



#40
 4-Methyl-2-pentanone
 Concen: 100.360 ug/L
 RT: 8.568 min Scan# 1227
 Delta R.T. 0.000 min
 Lab File: VX044783.D
 Acq: 31 Jan 2025 09:37

Tgt Ion: 43 Resp: 280160
 Ion Ratio Lower Upper
 43 100
 58 39.5 32.1 48.1
 100 15.1 12.9 19.3





#42

Toluene

Concen: 51.772 ug/L

RT: 8.714 min Scan# 1251

Delta R.T. 0.000 min

Lab File: VX044783.D

Acq: 31 Jan 2025 09:37

Instrument :

MSVOA_X

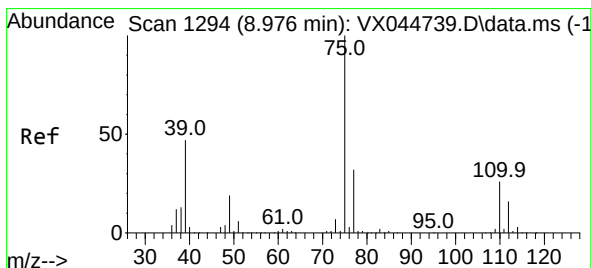
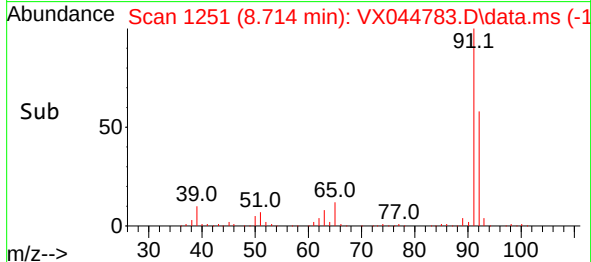
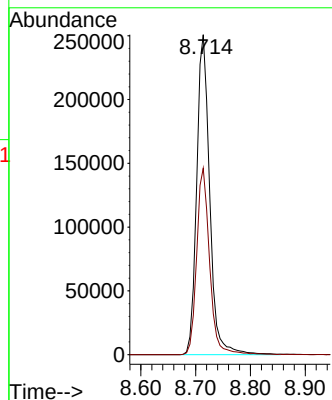
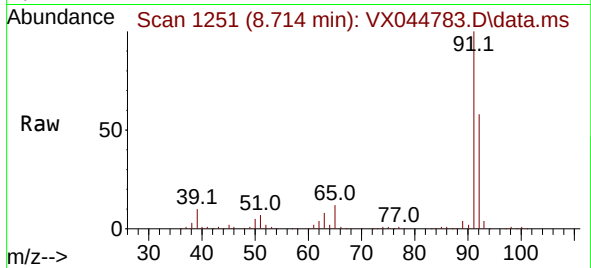
ClientSampleId :

Tgt Ion: 91 Resp: 414681

Ion Ratio Lower Upper

91 100

92 58.3 40.7 75.5



#44

trans-1,3-Dichloropropene

Concen: 49.644 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX044783.D

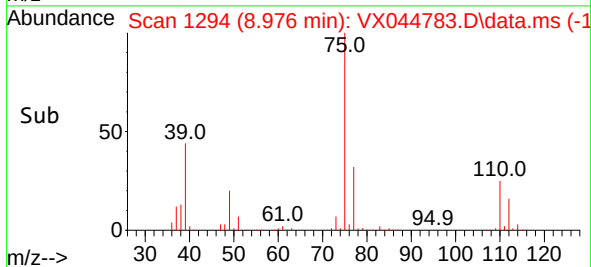
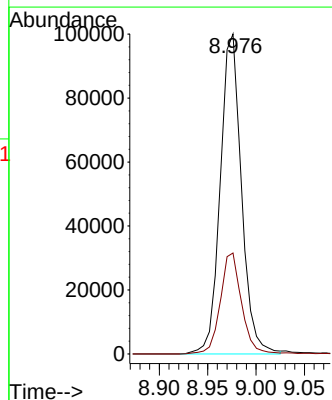
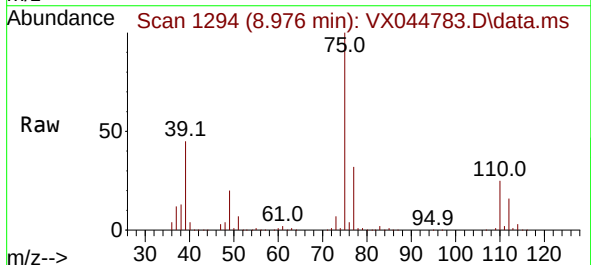
Acq: 31 Jan 2025 09:37

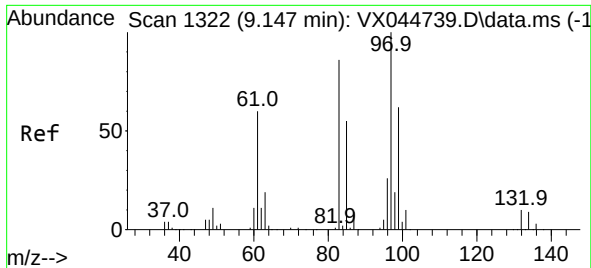
Tgt Ion: 75 Resp: 152364

Ion Ratio Lower Upper

75 100

77 31.6 22.4 41.6





#45

1,1,2-Trichloroethane

Concen: 51.437 ug/L

RT: 9.147 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX044783.D

Acq: 31 Jan 2025 09:37

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 97 Resp: 101385

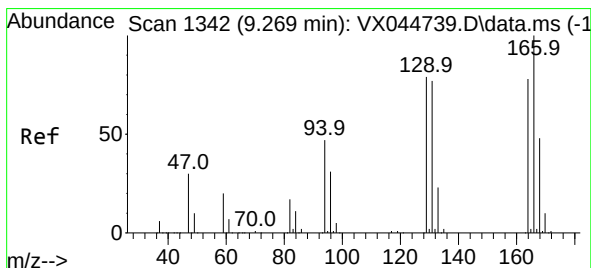
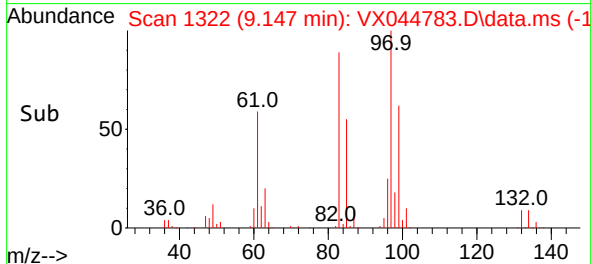
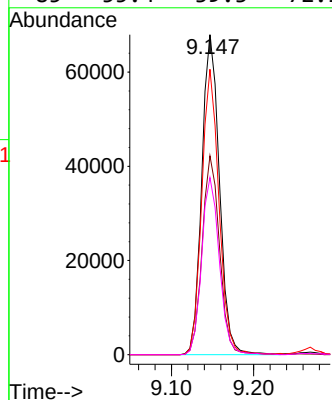
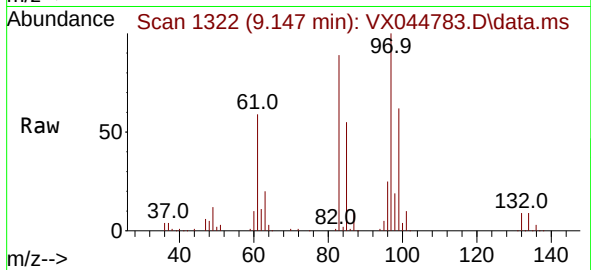
Ion Ratio Lower Upper

97 100

99 62.1 44.8 83.2

83 89.2 60.8 113.0

85 55.4 39.3 72.9



#46

Tetrachloroethene

Concen: 49.851 ug/L

RT: 9.269 min Scan# 1342

Delta R.T. 0.000 min

Lab File: VX044783.D

Acq: 31 Jan 2025 09:37

Tgt Ion:164 Resp: 70331

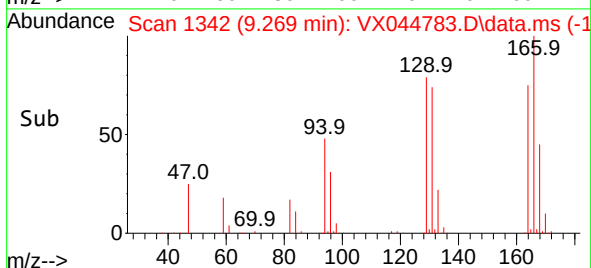
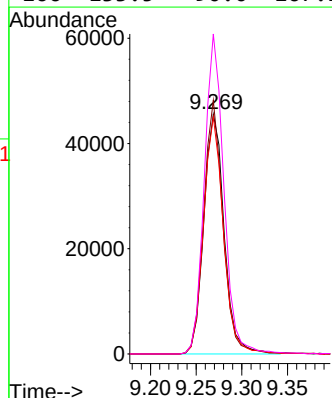
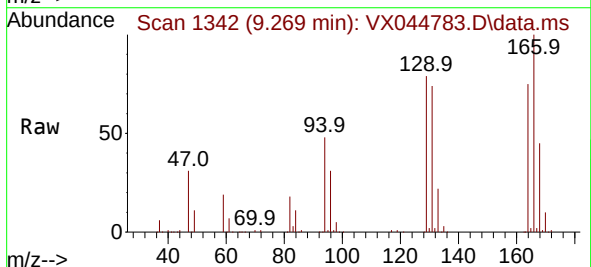
Ion Ratio Lower Upper

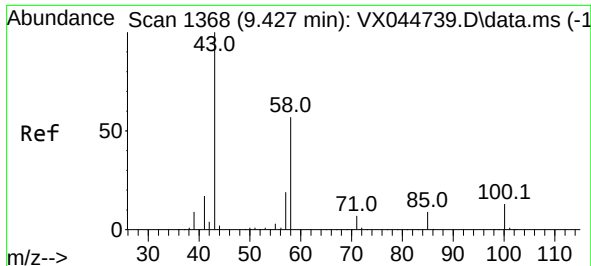
164 100

129 105.8 71.2 132.2

131 98.9 67.2 124.8

166 133.5 90.0 167.2

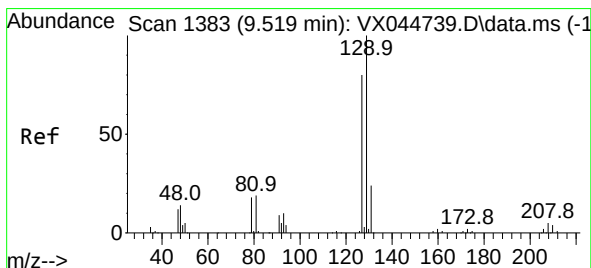
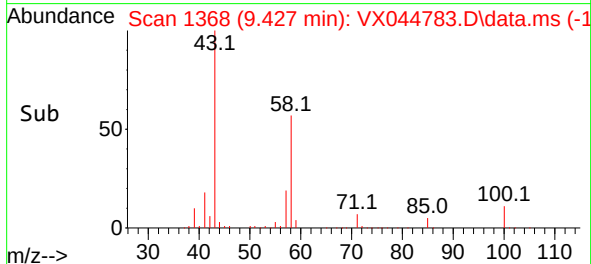
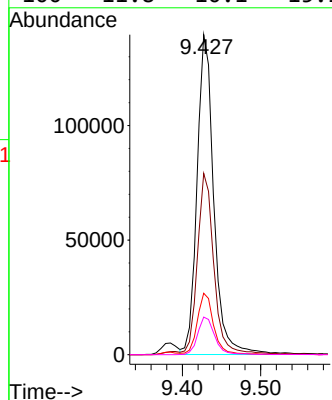
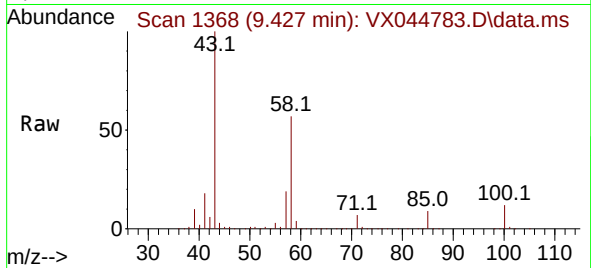




#48
2-Hexanone
Concen: 104.220 ug/L
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX044783.D
Acq: 31 Jan 2025 09:37

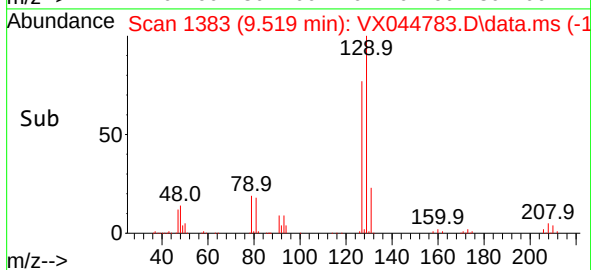
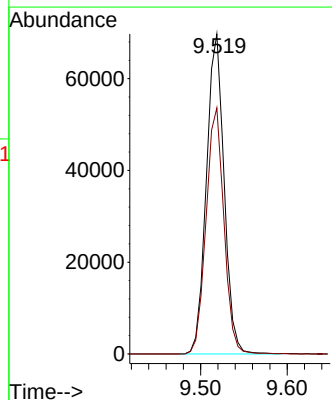
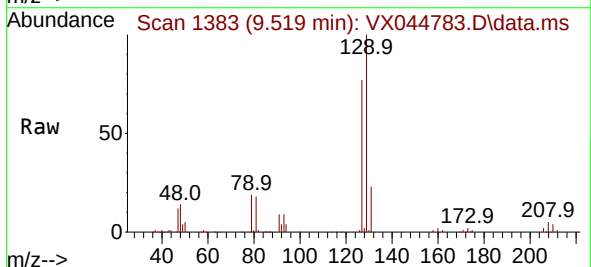
Instrument :
MSVOA_X
ClientSampleId :

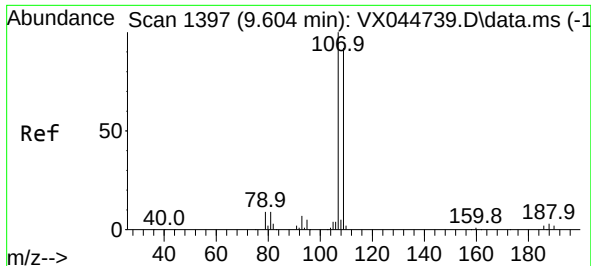
Tgt Ion: 43 Resp: 208469
Ion Ratio Lower Upper
43 100
58 55.1 44.3 66.5
57 18.7 15.9 23.9
100 11.8 10.1 15.1



#49
Dibromochloromethane
Concen: 49.775 ug/L
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX044783.D
Acq: 31 Jan 2025 09:37

Tgt Ion:129 Resp: 98946
Ion Ratio Lower Upper
129 100
127 76.9 53.6 99.6

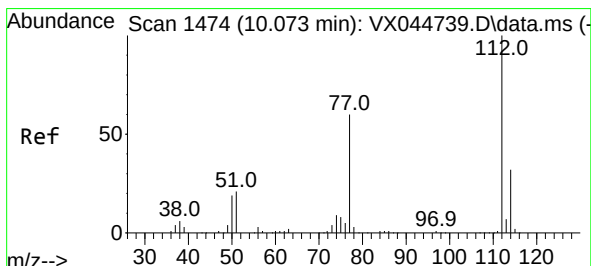
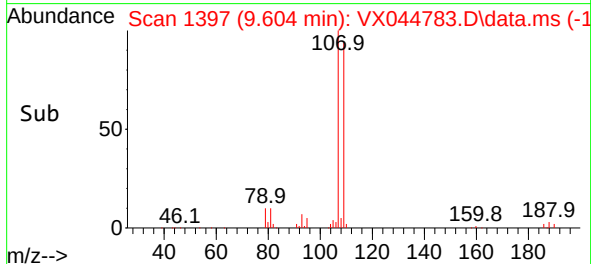
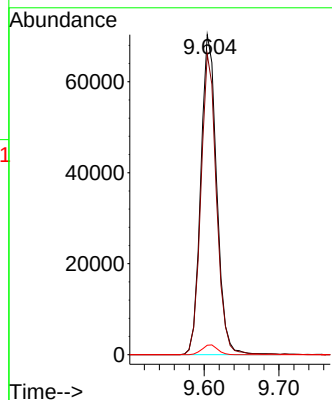
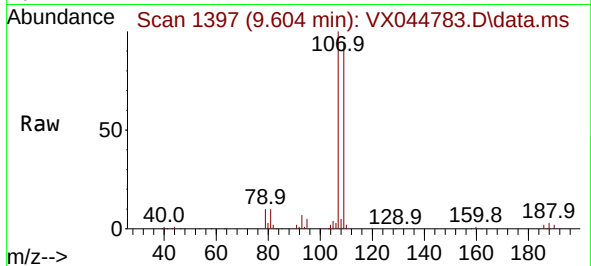




#50
1,2-Dibromoethane
Concen: 50.369 ug/L
RT: 9.604 min Scan# 1397
Delta R.T. 0.000 min
Lab File: VX044783.D
Acq: 31 Jan 2025 09:37

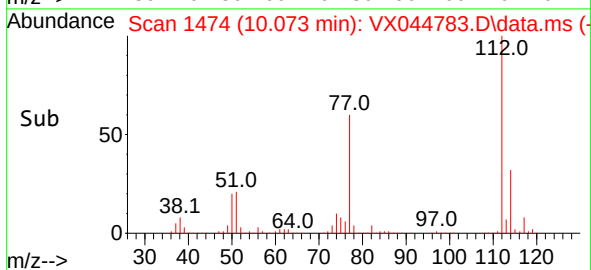
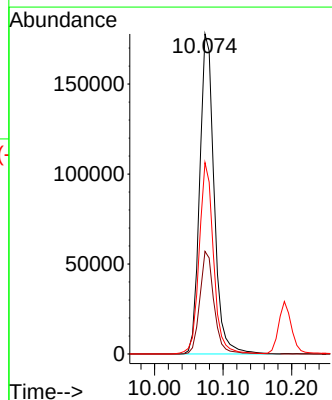
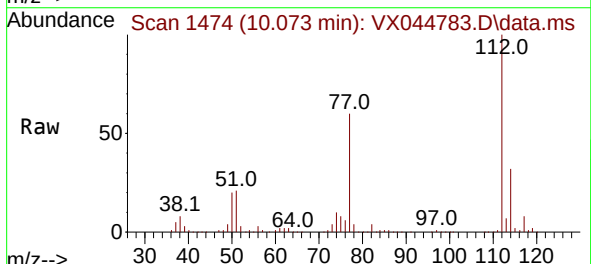
Instrument :
MSVOA_X
ClientSampleId :

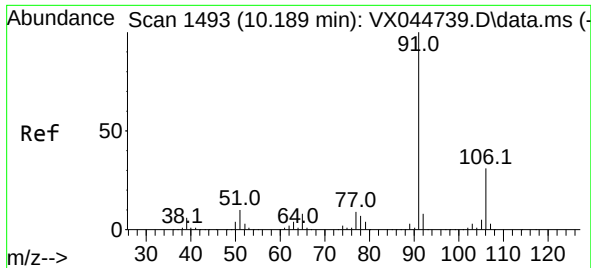
Tgt Ion:107 Resp: 104055
Ion Ratio Lower Upper
107 100
109 93.9 67.2 124.8
188 3.0 2.2 3.4



#51
Chlorobenzene
Concen: 52.272 ug/L
RT: 10.073 min Scan# 1474
Delta R.T. 0.000 min
Lab File: VX044783.D
Acq: 31 Jan 2025 09:37

Tgt Ion:112 Resp: 261376
Ion Ratio Lower Upper
112 100
114 32.1 22.4 41.6
77 59.8 49.2 73.8

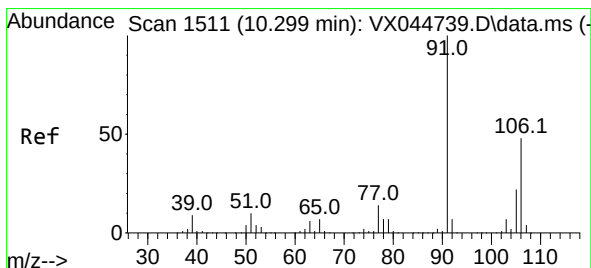
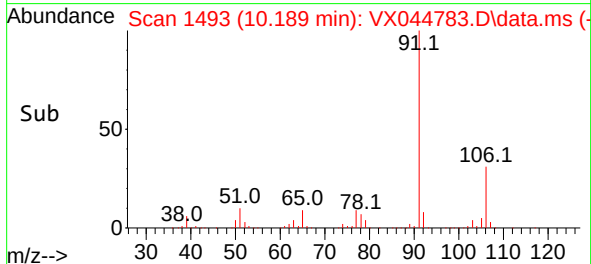
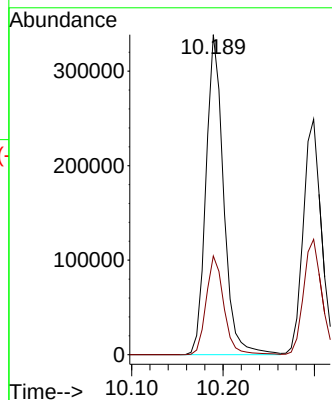
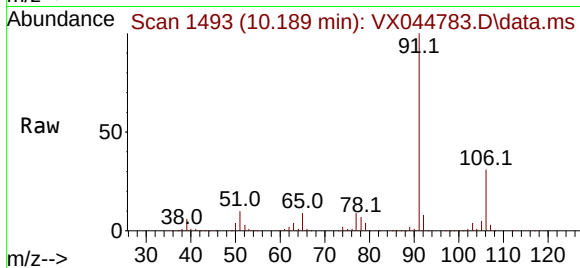




#52
Ethylbenzene
Concen: 51.759 ug/L
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX044783.D
Acq: 31 Jan 2025 09:37

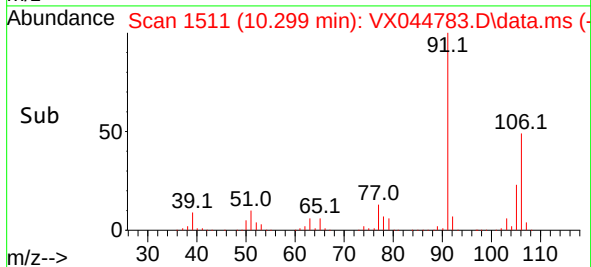
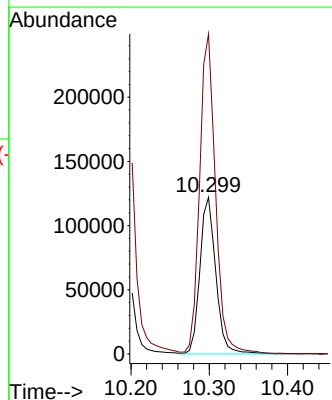
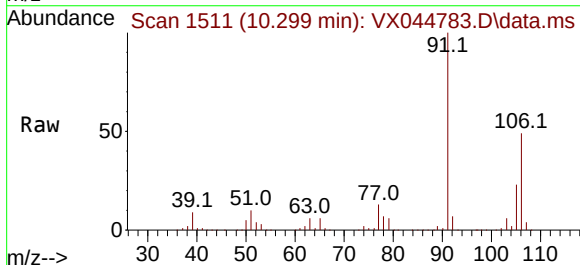
Instrument :
MSVOA_X
ClientSampleId :

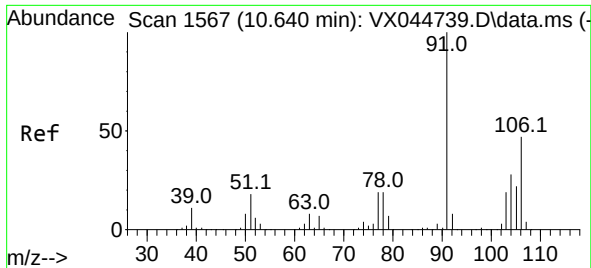
Tgt Ion: 91 Resp: 453169
Ion Ratio Lower Upper
91 100
106 30.9 21.1 39.3



#53
m,p-Xylene
Concen: 52.518 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX044783.D
Acq: 31 Jan 2025 09:37

Tgt Ion: 106 Resp: 172624
Ion Ratio Lower Upper
106 100
91 204.2 145.2 269.6

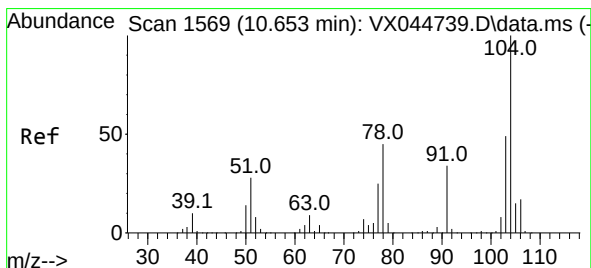
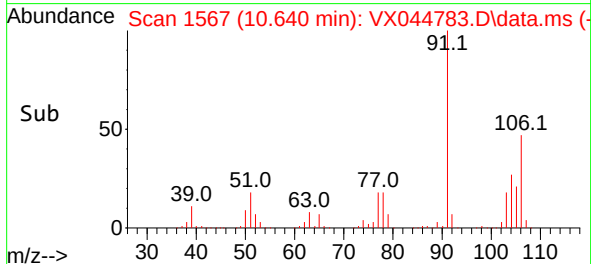
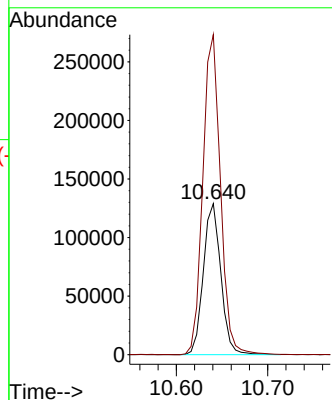
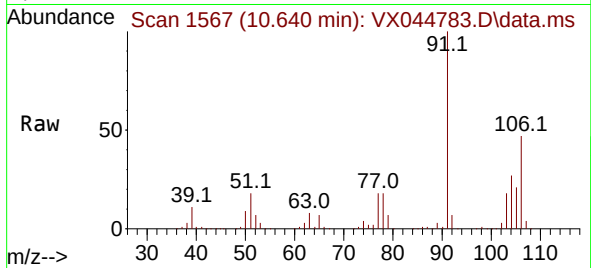




#54
o-Xylene
Concen: 52.896 ug/L
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX044783.D
Acq: 31 Jan 2025 09:37

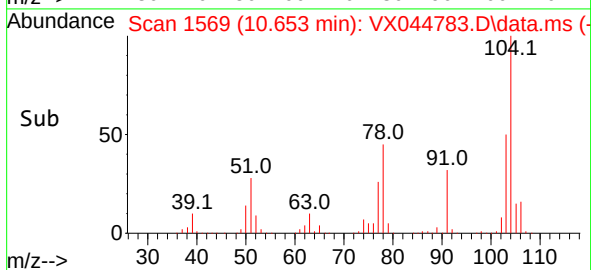
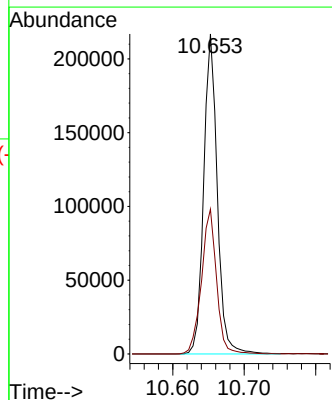
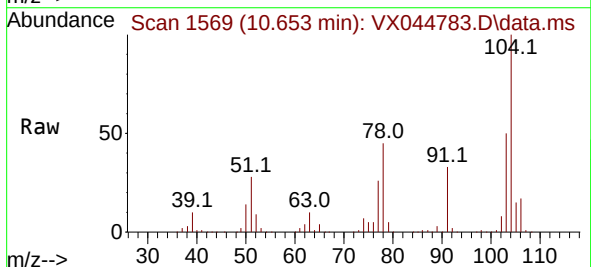
Instrument :
MSVOA_X
ClientSampleId :

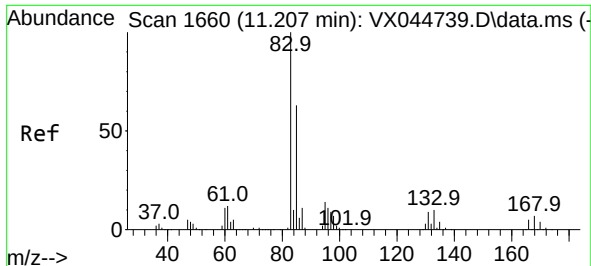
Tgt Ion:106 Resp: 171377
Ion Ratio Lower Upper
106 100
91 211.9 153.2 284.4



#55
Styrene
Concen: 53.492 ug/L
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX044783.D
Acq: 31 Jan 2025 09:37

Tgt Ion:104 Resp: 286037
Ion Ratio Lower Upper
104 100
78 45.3 32.7 60.7

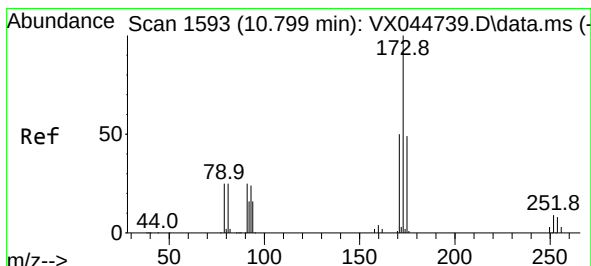
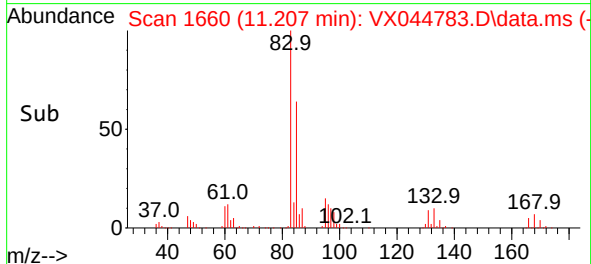
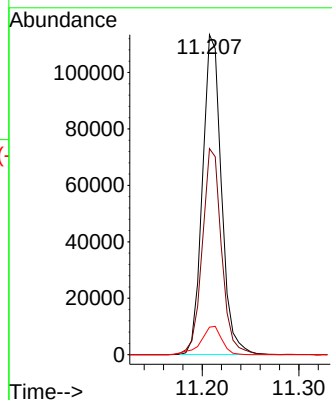
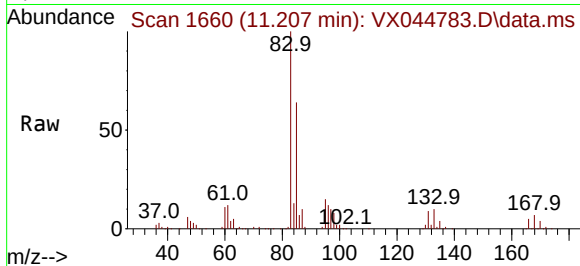




#57
1,1,2-Tetrachloroethane
Concen: 50.418 ug/L
RT: 11.207 min Scan# 1660
Delta R.T. 0.000 min
Lab File: VX044783.D
Acq: 31 Jan 2025 09:37

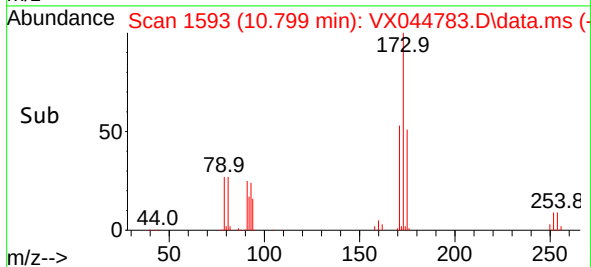
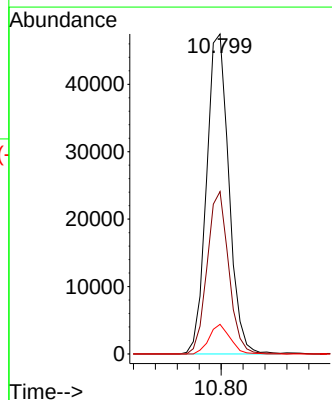
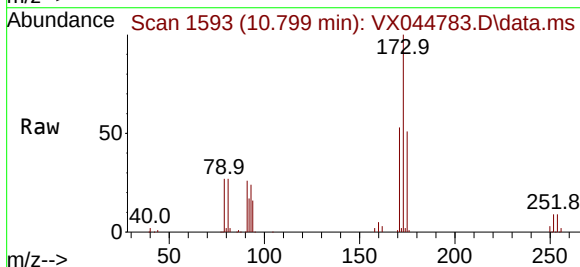
Instrument :
MSVOA_X
ClientSampleId :

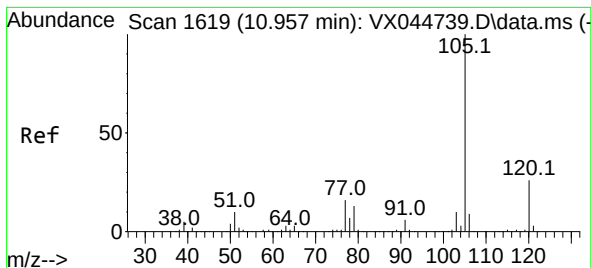
Tgt Ion: 83 Resp: 154190
Ion Ratio Lower Upper
83 100
85 64.4 44.9 83.5
131 8.6 8.0 12.0



#59
Bromoform
Concen: 47.562 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX044783.D
Acq: 31 Jan 2025 09:37

Tgt Ion:173 Resp: 66990
Ion Ratio Lower Upper
173 100
175 49.0 38.6 58.0
254 8.7 6.6 10.0





#60

Isopropylbenzene

Concen: 51.750 ug/L

RT: 10.957 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX044783.D

Acq: 31 Jan 2025 09:37

Instrument :

MSVOA_X

ClientSampleId :

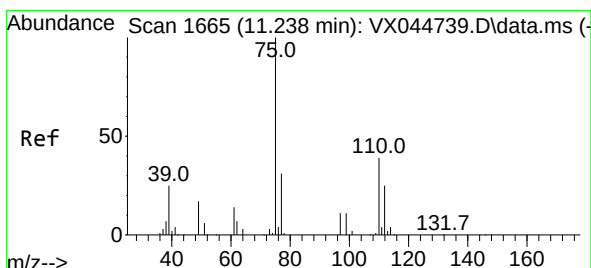
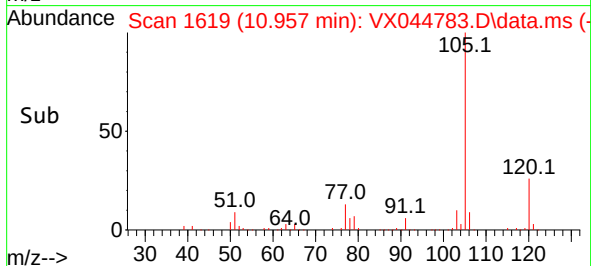
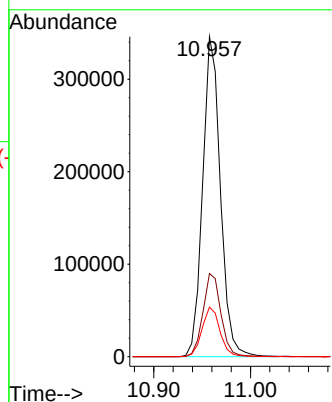
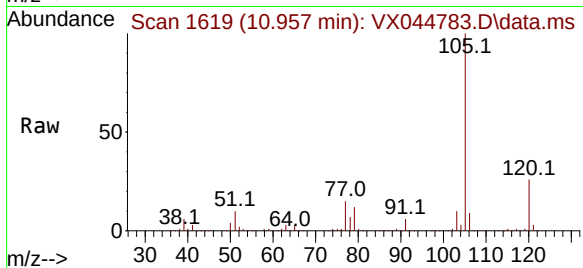
Tgt Ion:105 Resp: 442523

Ion Ratio Lower Upper

105 100

120 26.4 20.9 31.3

77 15.6 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 48.286 ug/L

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX044783.D

Acq: 31 Jan 2025 09:37

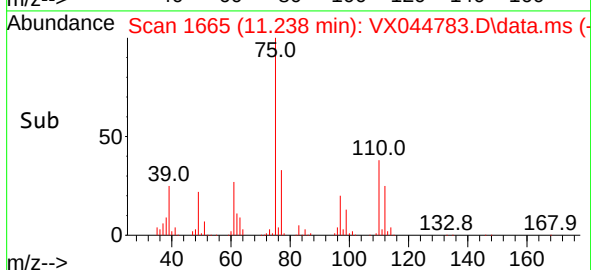
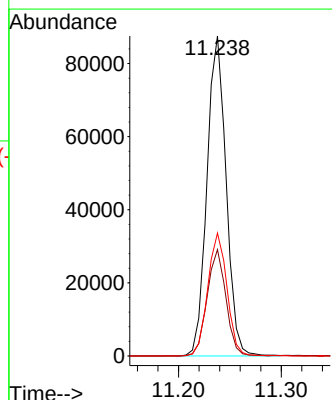
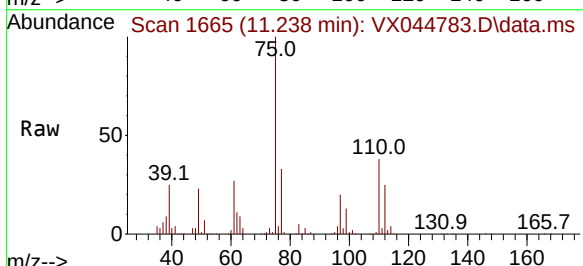
Tgt Ion: 75 Resp: 113507

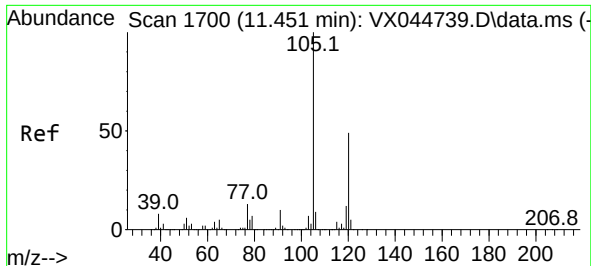
Ion Ratio Lower Upper

75 100

77 32.6 25.8 38.6

110 38.6 30.8 46.2

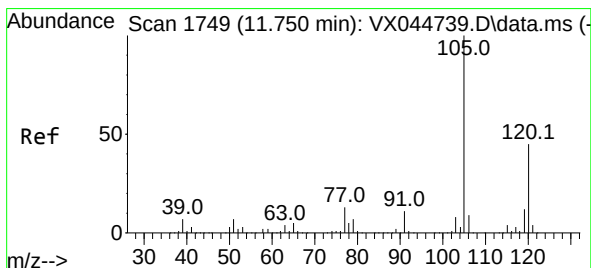
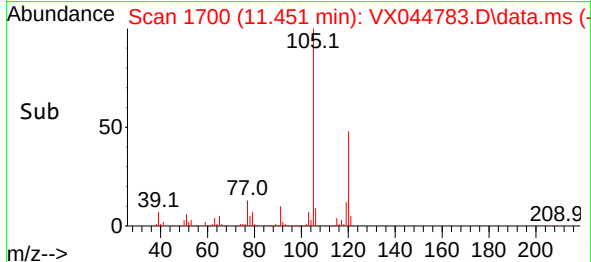
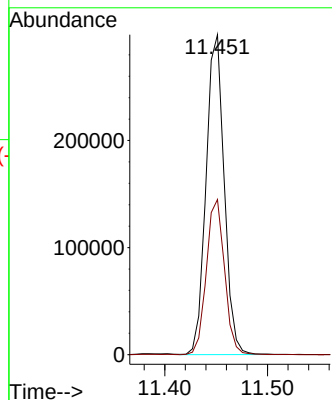
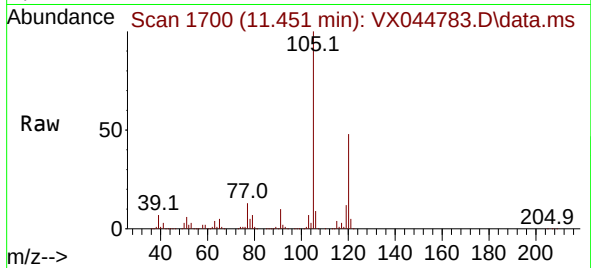




#62
 1,3,5-Trimethylbenzene
 Concen: 52.379 ug/L
 RT: 11.451 min Scan# 1700
 Delta R.T. 0.000 min
 Lab File: VX044783.D
 Acq: 31 Jan 2025 09:37

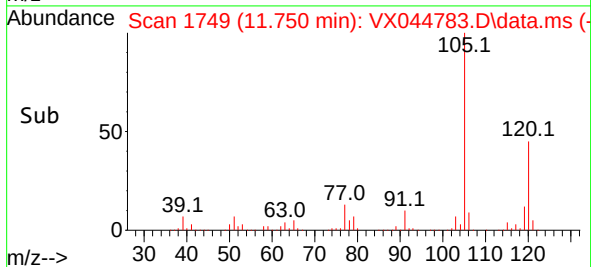
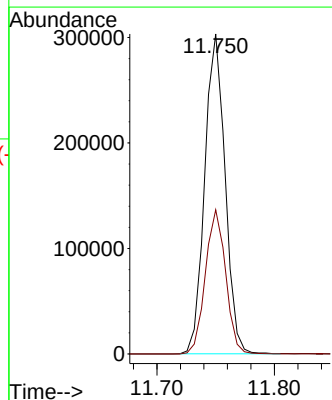
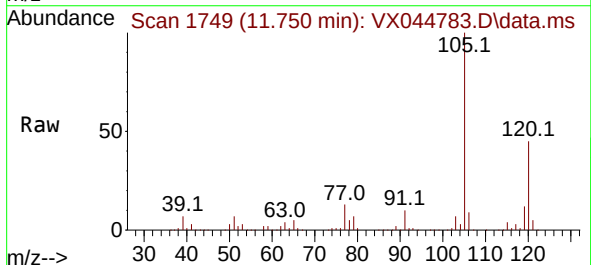
Instrument :
 MSVOA_X
 ClientSampleId :

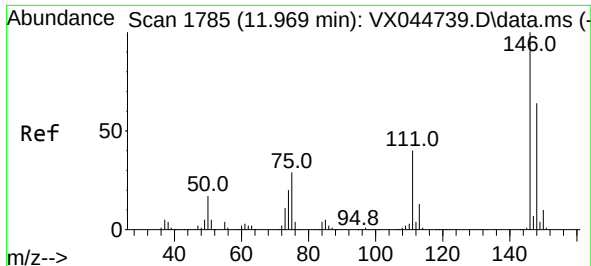
Tgt Ion:105 Resp: 367440
 Ion Ratio Lower Upper
 105 100
 120 48.6 38.3 57.5



#63
 1,2,4-Trimethylbenzene
 Concen: 52.509 ug/L
 RT: 11.750 min Scan# 1749
 Delta R.T. 0.000 min
 Lab File: VX044783.D
 Acq: 31 Jan 2025 09:37

Tgt Ion:105 Resp: 364835
 Ion Ratio Lower Upper
 105 100
 120 44.8 35.7 53.5

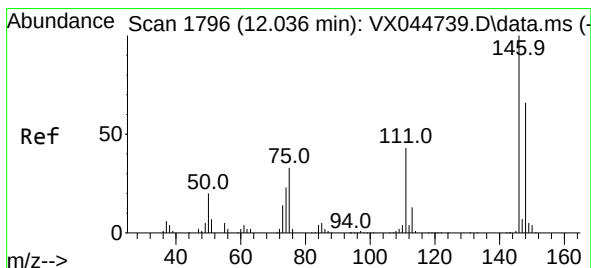
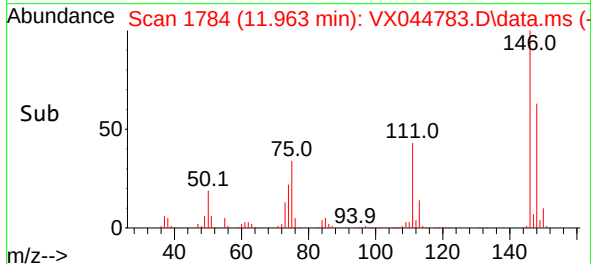
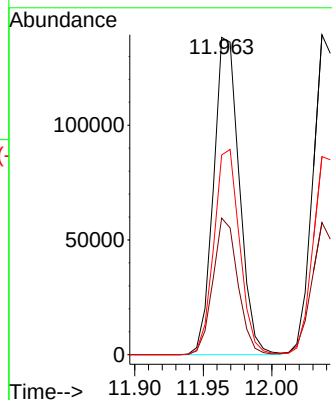
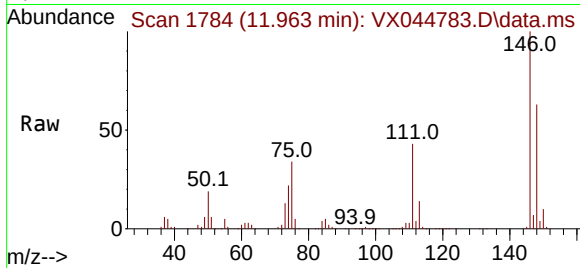




#64
 1,3-Dichlorobenzene
 Concen: 51.466 ug/L
 RT: 11.963 min Scan# 1784
 Delta R.T. -0.006 min
 Lab File: VX044783.D
 Acq: 31 Jan 2025 09:37

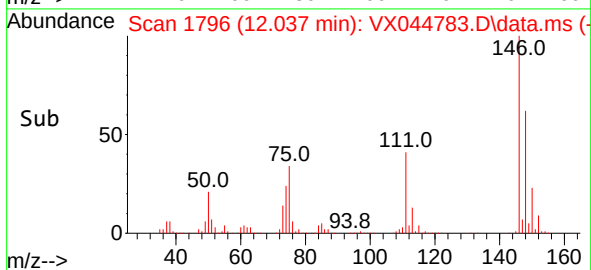
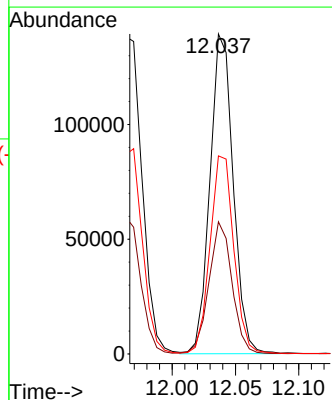
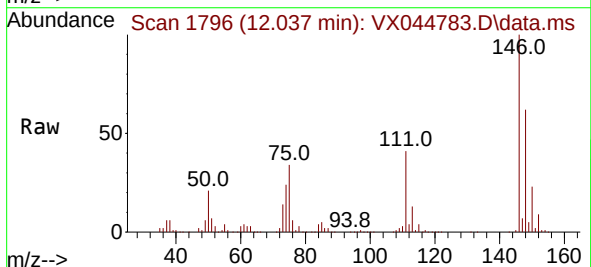
Instrument :
 MSVOA_X
 ClientSampleId :

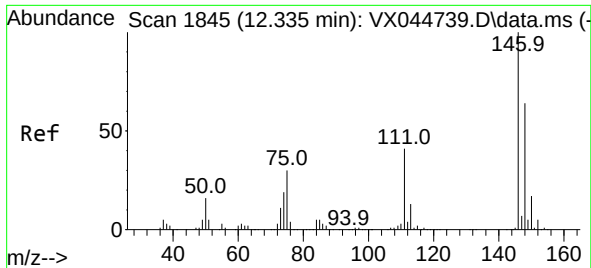
Tgt Ion:146 Resp: 180915
 Ion Ratio Lower Upper
 146 100
 111 43.1 29.5 54.9
 148 63.0 44.4 82.5



#65
 1,4-Dichlorobenzene
 Concen: 50.954 ug/L
 RT: 12.037 min Scan# 1796
 Delta R.T. 0.000 min
 Lab File: VX044783.D
 Acq: 31 Jan 2025 09:37

Tgt Ion:146 Resp: 178293
 Ion Ratio Lower Upper
 146 100
 111 41.3 29.7 55.1
 148 61.9 43.5 80.7

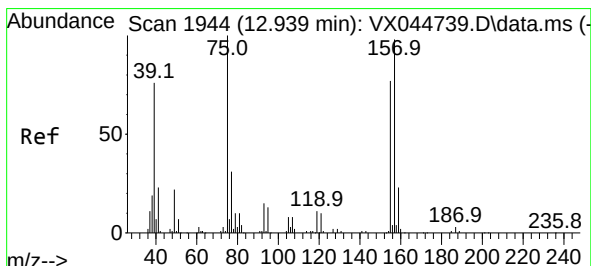
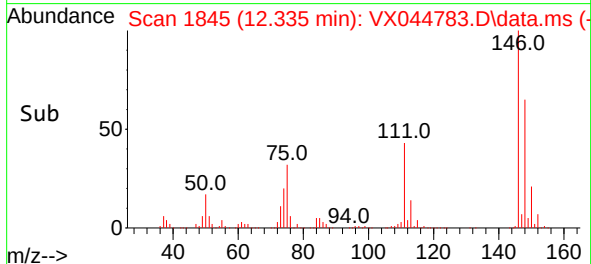
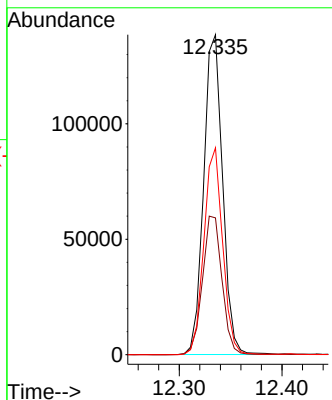
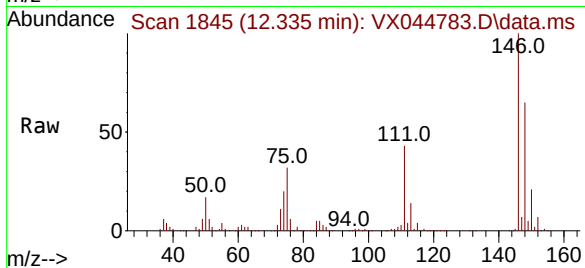




#67
 1,2-Dichlorobenzene
 Concen: 50.876 ug/L
 RT: 12.335 min Scan# 1845
 Delta R.T. 0.000 min
 Lab File: VX044783.D
 Acq: 31 Jan 2025 09:37

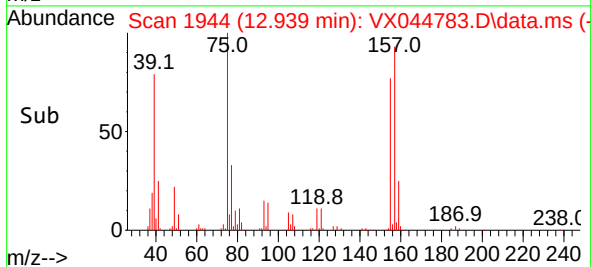
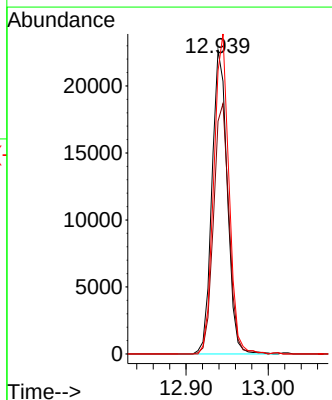
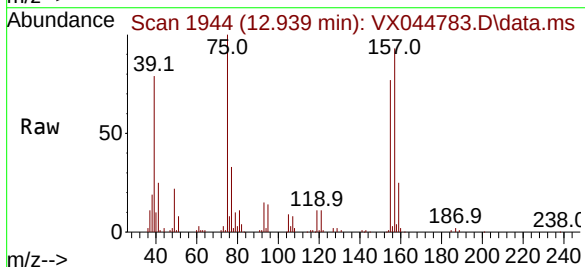
Instrument :
 MSVOA_X
 ClientSampleId :

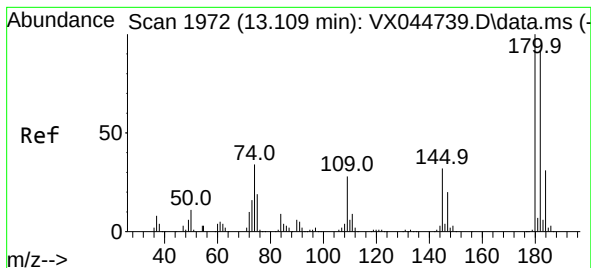
Tgt Ion:146 Resp: 177312
 Ion Ratio Lower Upper
 146 100
 111 42.8 36.1 54.1
 148 64.7 51.5 77.3



#68
 1,2-Dibromo-3-chloropropane
 Concen: 45.819 ug/L
 RT: 12.939 min Scan# 1944
 Delta R.T. 0.000 min
 Lab File: VX044783.D
 Acq: 31 Jan 2025 09:37

Tgt Ion: 75 Resp: 29348
 Ion Ratio Lower Upper
 75 100
 155 76.7 62.5 93.7
 157 93.3 83.5 125.3





#69

1,3,5-Trichlorobenzene

Concen: 51.222 ug/L

RT: 13.110 min Scan# 1972

Delta R.T. 0.000 min

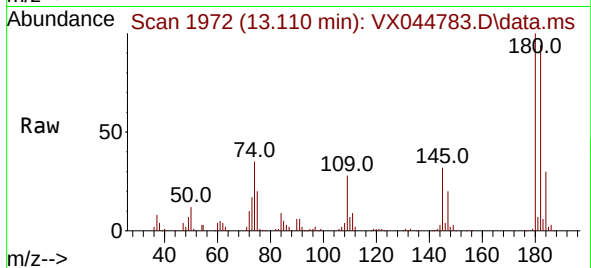
Lab File: VX044783.D

Acq: 31 Jan 2025 09:37

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 117988

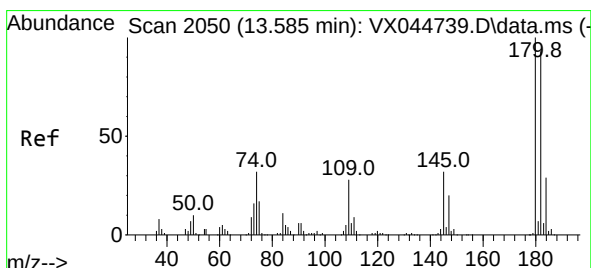
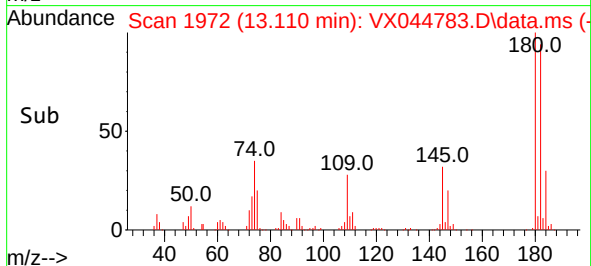
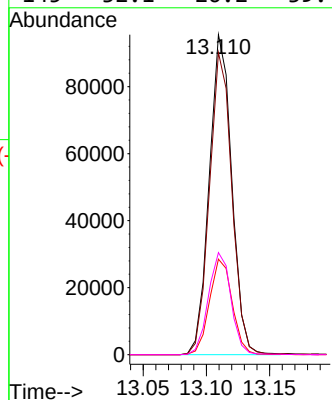
Ion Ratio Lower Upper

180 100

182 94.2 77.0 115.6

184 30.2 24.0 36.0

145 32.1 26.2 39.4



#70

1,2,4-trichlorobenzene

Concen: 51.770 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX044783.D

Acq: 31 Jan 2025 09:37

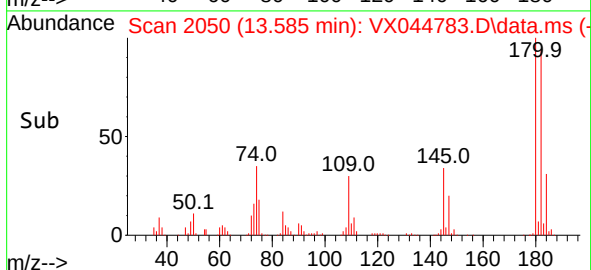
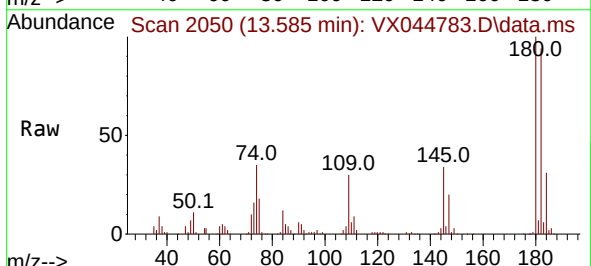
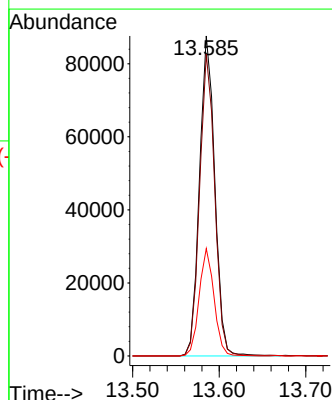
Tgt Ion:180 Resp: 107507

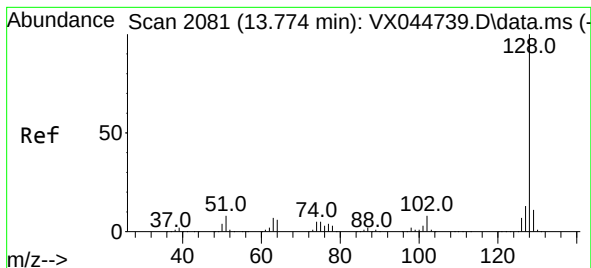
Ion Ratio Lower Upper

180 100

182 93.2 76.5 114.7

145 32.7 27.0 40.4





#71

Naphthalene

Concen: 50.444 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX044783.D

Acq: 31 Jan 2025 09:37

Instrument :

MSVOA_X

ClientSampleId :

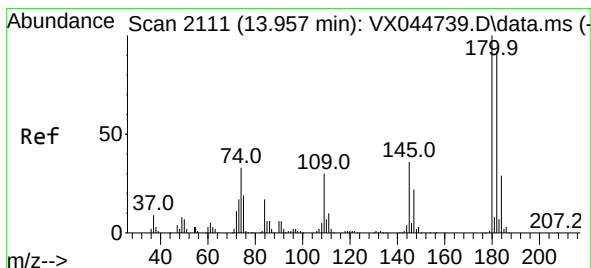
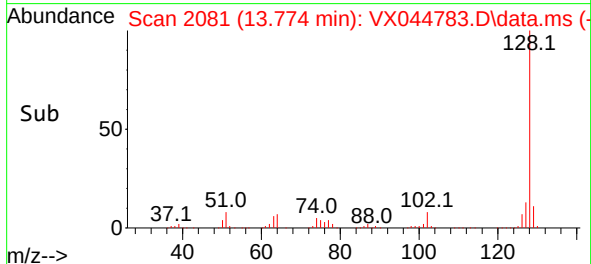
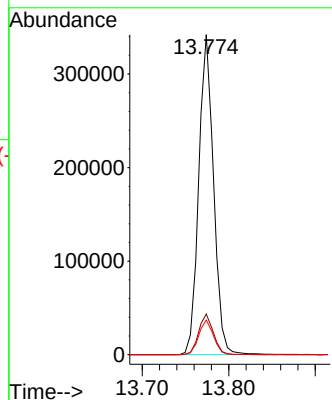
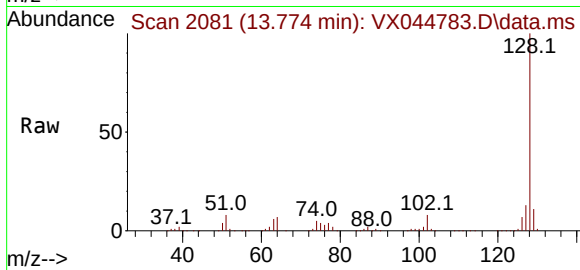
Tgt Ion:128 Resp: 406265

Ion Ratio Lower Upper

128 100

127 12.6 10.1 15.1

129 10.8 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 50.441 ug/L

RT: 13.957 min Scan# 2111

Delta R.T. 0.000 min

Lab File: VX044783.D

Acq: 31 Jan 2025 09:37

Tgt Ion:180 Resp: 106217

Ion Ratio Lower Upper

180 100

182 95.8 77.1 115.7

145 34.9 28.3 42.5

