

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012825\
 Data File : VX044741.D
 Acq On : 28 Jan 2025 11:24
 Operator : JC/MD
 Sample : VSTD20065
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 28 11:58:45 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML012825WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jan 28 11:15:17 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	296483	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	250615	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	110110	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	481714	196.524	ug/L	0.00
7) Chloroethane-d5	1.642	69	116405	154.385	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.294	65	207696	210.870	ug/L	0.00
21) 2-Butanone-d5	4.458	46	253210	205.433	ug/L	0.00
24) Chloroform-d	5.050	84	820286	196.283	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.952	65	480532	183.838	ug/L	0.00
32) Benzene-d6	5.970	84	1628516	197.761	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.305	67	524521	201.094	ug/L	0.00
41) Toluene-d8	8.646	98	1430130	194.939	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.945	79	257707	197.674	ug/L	0.00
47) 2-Hexanone-d5	9.384	63	310112	407.431	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	615135	193.290	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.316	152	435756	188.251	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	465448	261.115	ug/L	99
3) Chloromethane	1.306	50	512396	222.800	ug/L	100
5) Vinyl chloride	1.373	62	506562	234.210	ug/L	99
6) Bromomethane	1.593	94	130756	241.761	ug/L	98
8) Chloroethane	1.660	64	90693	128.066	ug/L	100
9) Trichlorofluoromethane	1.867	101	580286	270.806	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.318	101	410718	238.793	ug/L	98
12) 1,1-Dichloroethene	2.306	96	394312	244.589	ug/L #	78
13) Acetone	2.385	43	383515	467.617	ug/L	100
14) Carbon disulfide	2.501	76	1201189	235.903	ug/L	99
15) Methyl Acetate	2.702	43	482457	246.356	ug/L	99
16) Methylene chloride	2.782	84	447057	230.958	ug/L	99
17) trans-1,2-Dichloroethene	3.086	96	410512	235.117	ug/L	98
18) Methyl tert-butyl Ether	3.111	73	1397530	229.004	ug/L	99
19) 1,1-Dichloroethane	3.605	63	803319	233.182	ug/L	99
20) cis-1,2-Dichloroethene	4.483	96	488687	234.086	ug/L	100
22) 2-Butanone	4.556	43	688831	539.772	ug/L	95
23) Bromochloromethane	4.897	128	235738	231.995	ug/L	95
25) Chloroform	5.086	83	782904	226.494	ug/L	99
27) 1,2-Dichloroethane	6.080	62	587182	223.318	ug/L	97
29) Cyclohexane	5.464	56	793706	249.469	ug/L	98
30) 1,1,1-Trichloroethane	5.379	97	668709	235.142	ug/L	99
31) Carbon tetrachloride	5.671	117	567222	231.307	ug/L	99
33) Benzene	6.031	78	1691166	232.600	ug/L	100
34) Trichloroethene	7.116	95	447736	240.120	ug/L	98
35) Methylcyclohexane	7.372	83	746838	237.463	ug/L	100
37) 1,2-Dichloropropane	7.427	63	459429	236.154	ug/L	100
38) Bromodichloromethane	7.817	83	592020	230.264	ug/L	98
39) cis-1,3-Dichloropropene	8.360	75	781570	238.130	ug/L	99
40) 4-Methyl-2-pentanone	8.573	43	1202710	483.015	ug/L	100
42) Toluene	8.713	91	1726863	230.200	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	695457	233.823	ug/L	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012825\
 Data File : VX044741.D
 Acq On : 28 Jan 2025 11:24
 Operator : JC/MD
 Sample : VSTD20065
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

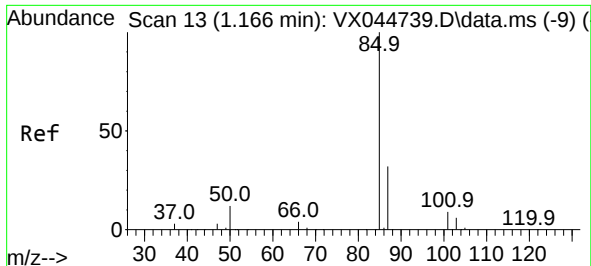
Quant Time: Jan 28 11:58:45 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML012825WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jan 28 11:15:17 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.146	97	421389	223.409	ug/L	99
46) Tetrachloroethene	9.268	164	310146	239.048	ug/L	98
48) 2-Hexanone	9.433	43	870266	488.045	ug/L	99
49) Dibromochloromethane	9.518	129	435668	224.843	ug/L	100
50) 1,2-Dibromoethane	9.604	107	449845	230.496	ug/L	98
51) Chlorobenzene	10.079	112	1064848	227.354	ug/L	98
52) Ethylbenzene	10.189	91	1880304	229.880	ug/L	100
53) m,p-Xylene	10.299	106	703386	229.132	ug/L	98
54) o-Xylene	10.640	106	670154	220.228	ug/L	100
55) Styrene	10.652	104	1115262	222.252	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.213	83	634898	224.494	ug/L	99
59) Bromoform	10.798	173	303011	223.444	ug/L	100
60) Isopropylbenzene	10.963	105	1751666	221.029	ug/L	99
61) 1,2,3-Trichloropropane	11.237	75	475774	219.442	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	1439056	218.507	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	1425908	220.851	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	733505	224.442	ug/L	99
65) 1,4-Dichlorobenzene	12.042	146	728618	226.272	ug/L	97
67) 1,2-Dichlorobenzene	12.335	146	713688	219.165	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.938	75	141731	231.556	ug/L	96
69) 1,3,5-Trichlorobenzene	13.109	180	500357	237.722	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	472249	249.189	ug/L	99
71) Naphthalene	13.774	128	1747727	237.460	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	463043	238.515	ug/L	98

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

Quant Time: Jan 28 11:58:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML012825WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jan 28 11:15:17 2025
Response via : Initial Calibration

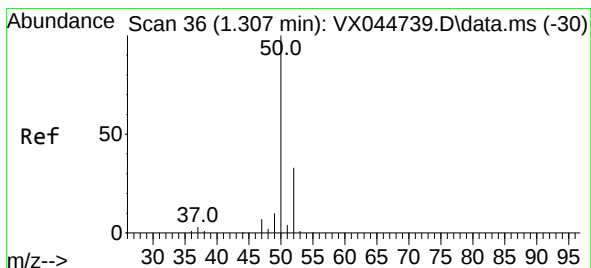
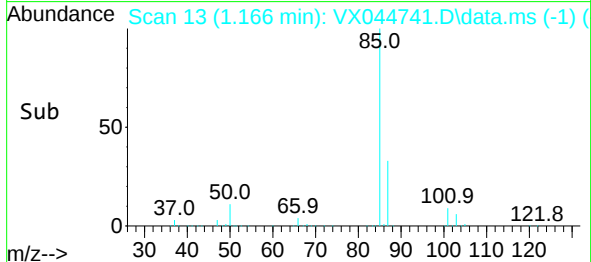
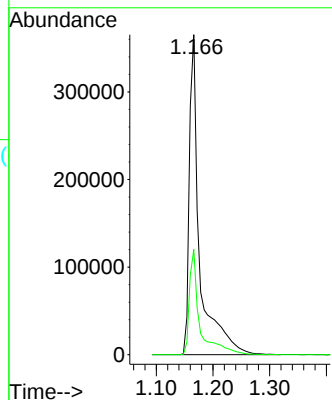
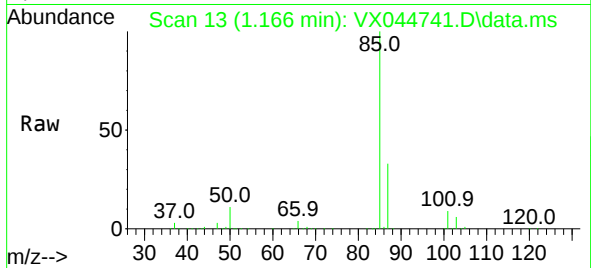




#2
Dichlorodifluoromethane
Concen: 261.115 ug/L
RT: 1.166 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX044741.D
Acq: 28 Jan 2025 11:24

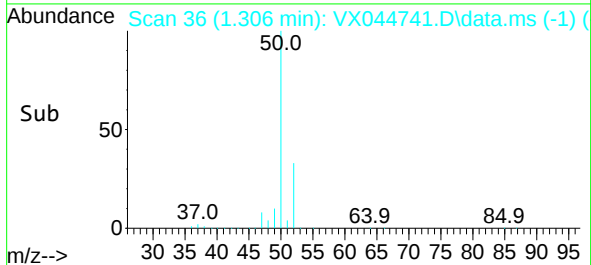
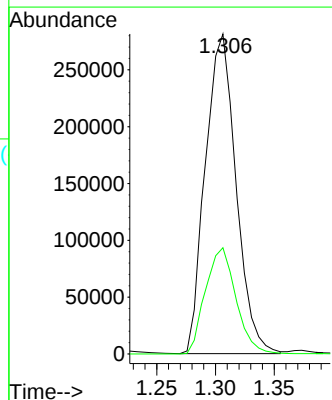
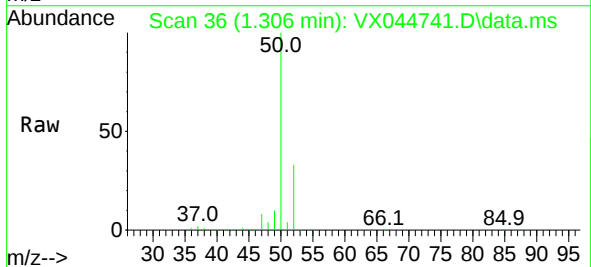
Instrument :
MSVOA_X
ClientSampleId :

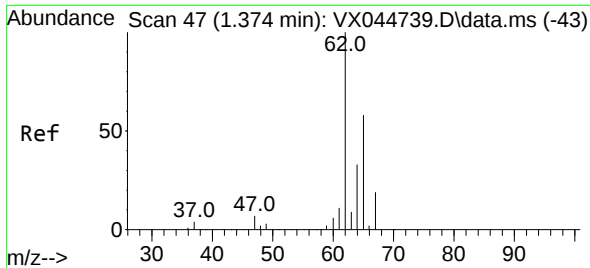
Tgt Ion: 85 Resp: 465448
Ion Ratio Lower Upper
85 100
87 32.8 25.9 38.9



#3
Chloromethane
Concen: 222.800 ug/L
RT: 1.306 min Scan# 36
Delta R.T. -0.000 min
Lab File: VX044741.D
Acq: 28 Jan 2025 11:24

Tgt Ion: 50 Resp: 512396
Ion Ratio Lower Upper
50 100
52 33.2 23.3 43.3

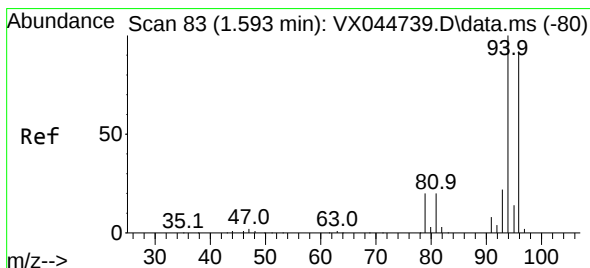
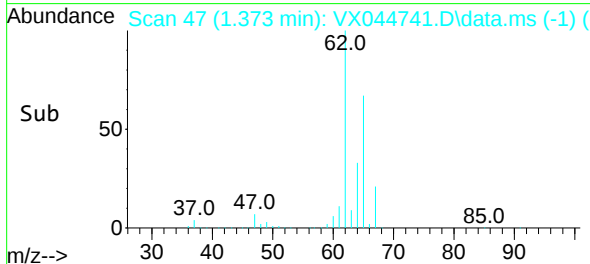
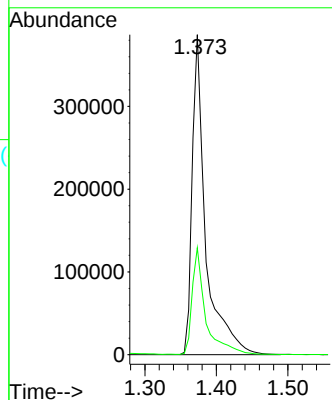
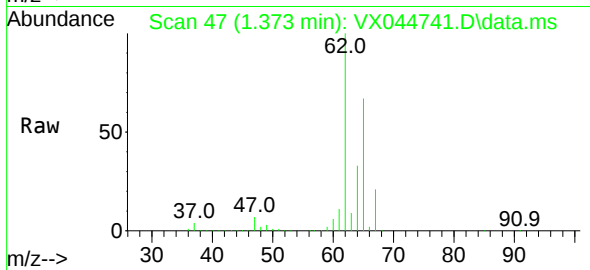




#5
 Vinyl chloride
 Concen: 234.210 ug/L
 RT: 1.373 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX044741.D
 Acq: 28 Jan 2025 11:24

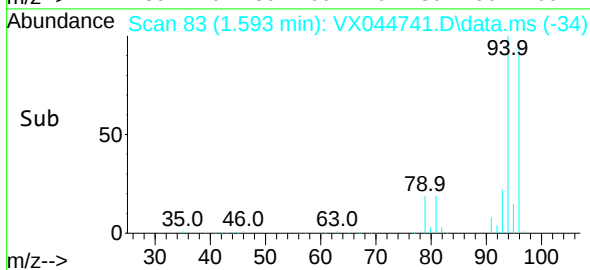
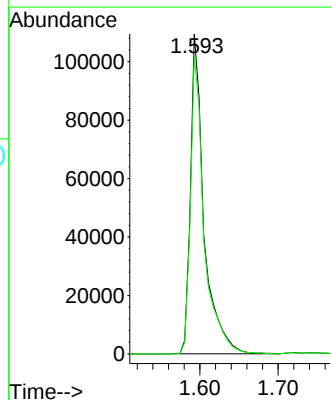
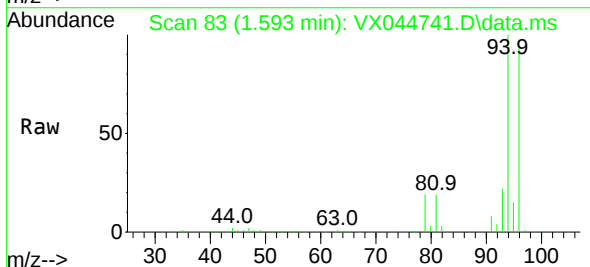
Instrument :
 MSVOA_X
 ClientSampleId :

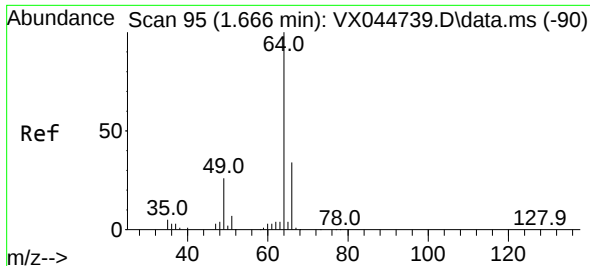
Tgt Ion: 62 Resp: 506562
 Ion Ratio Lower Upper
 62 100
 64 33.4 23.7 44.1



#6
 Bromomethane
 Concen: 241.761 ug/L
 RT: 1.593 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VX044741.D
 Acq: 28 Jan 2025 11:24

Tgt Ion: 94 Resp: 130756
 Ion Ratio Lower Upper
 94 100
 96 93.4 64.3 119.3

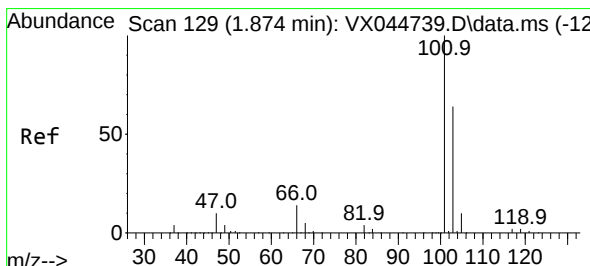
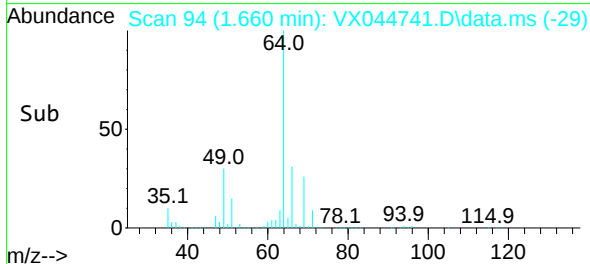
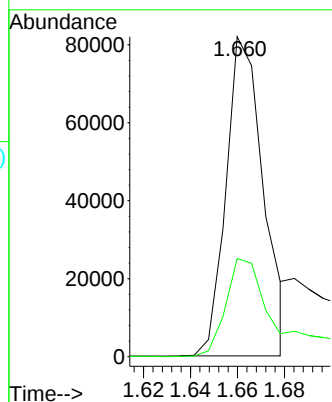
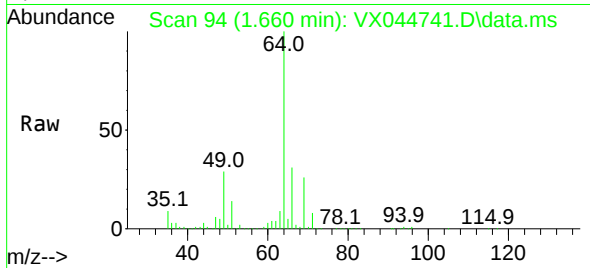




#8
Chloroethane
Concen: 128.066 ug/L
RT: 1.660 min Scan# 94
Delta R.T. -0.007 min
Lab File: VX044741.D
Acq: 28 Jan 2025 11:24

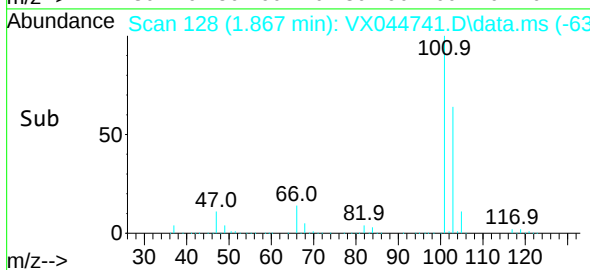
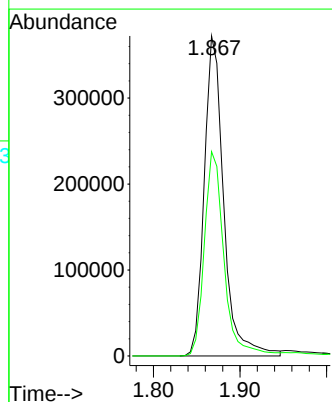
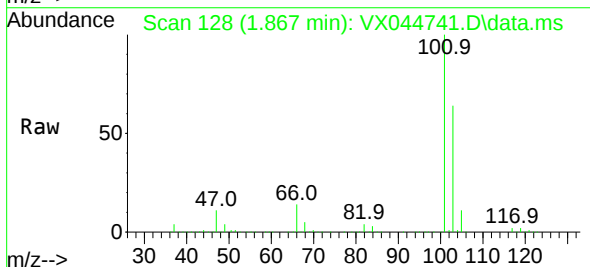
Instrument :
MSVOA_X
ClientSampleId :

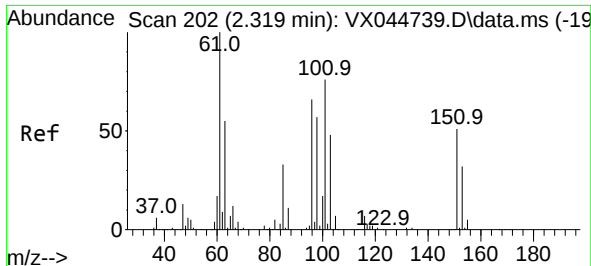
Tgt Ion: 64 Resp: 90693
Ion Ratio Lower Upper
64 100
66 30.7 21.4 39.8



#9
Trichlorofluoromethane
Concen: 270.806 ug/L
RT: 1.867 min Scan# 128
Delta R.T. -0.007 min
Lab File: VX044741.D
Acq: 28 Jan 2025 11:24

Tgt Ion:101 Resp: 580286
Ion Ratio Lower Upper
101 100
103 64.5 52.2 78.2





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 238.793 ug/L

RT: 2.318 min Scan# 20

Delta R.T. -0.000 min

Lab File: VX044741.D

Acq: 28 Jan 2025 11:24

Instrument :

MSVOA_X

ClientSampleId :

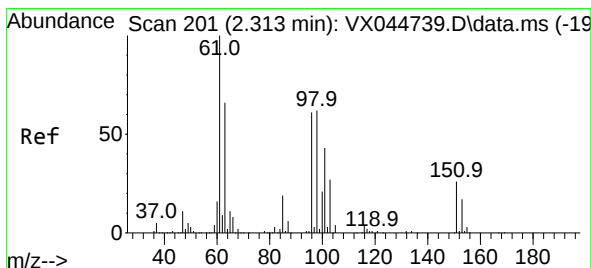
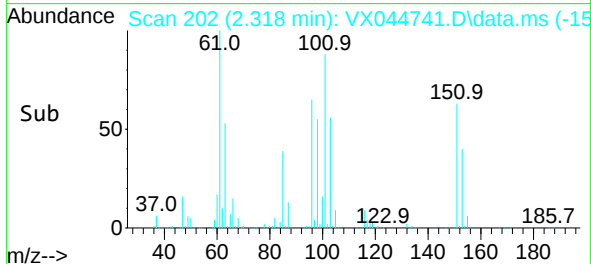
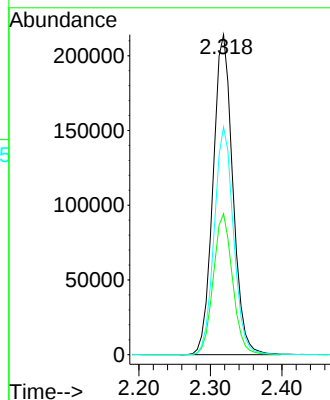
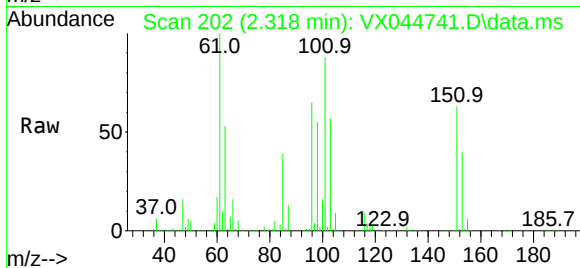
Tgt Ion:101 Resp: 410718

Ion Ratio Lower Upper

101 100

85 42.9 35.4 53.0

151 69.5 57.0 85.4



#12

1,1-Dichloroethene

Concen: 244.589 ug/L

RT: 2.306 min Scan# 200

Delta R.T. -0.006 min

Lab File: VX044741.D

Acq: 28 Jan 2025 11:24

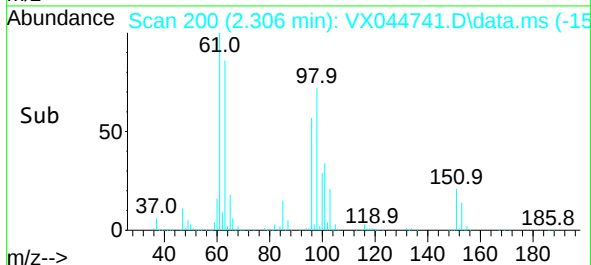
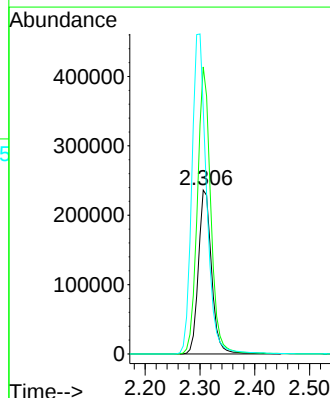
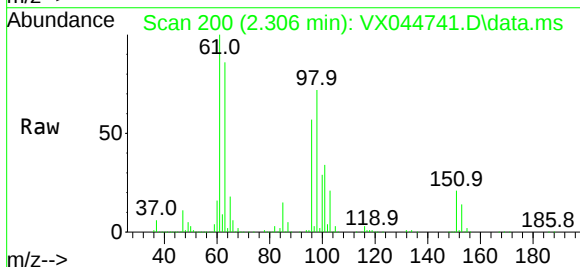
Tgt Ion: 96 Resp: 394312

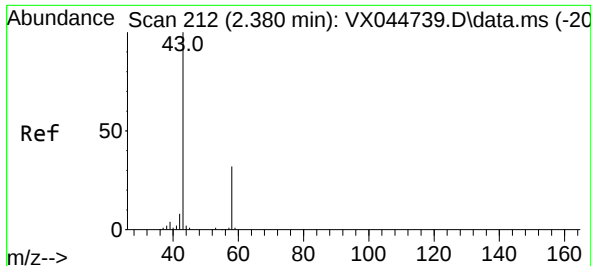
Ion Ratio Lower Upper

96 100

61 175.2 115.1 213.8

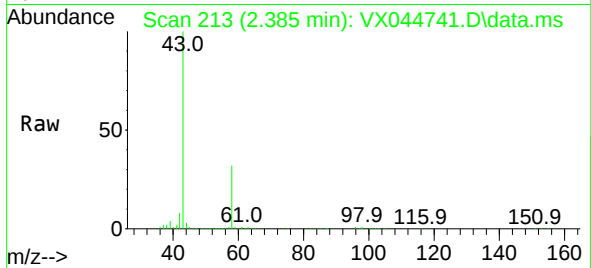
63 149.8 74.1 137.5#



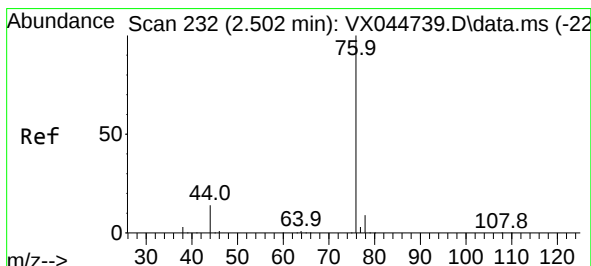
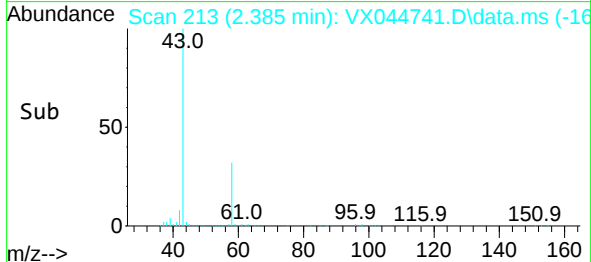
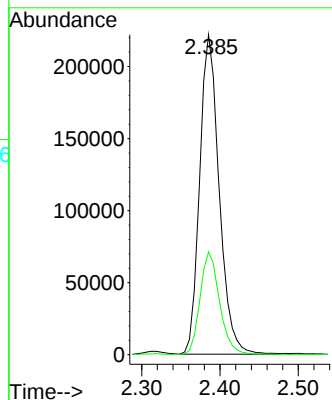


#13
Acetone
Concen: 467.617 ug/L
RT: 2.385 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX044741.D
Acq: 28 Jan 2025 11:24

Instrument :
MSVOA_X
ClientSampleId :

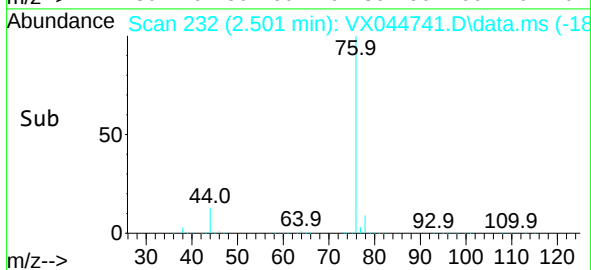
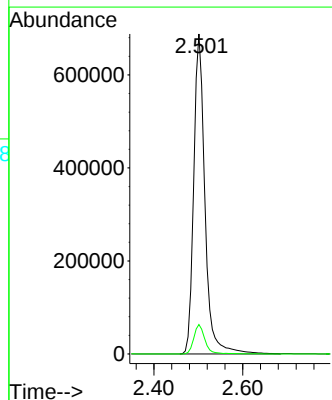
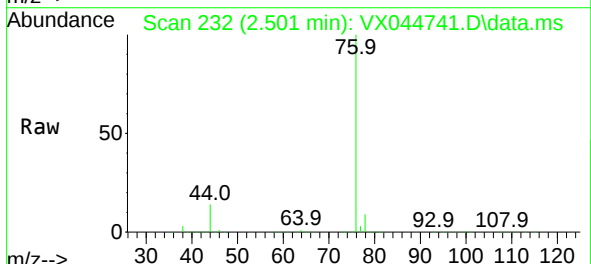


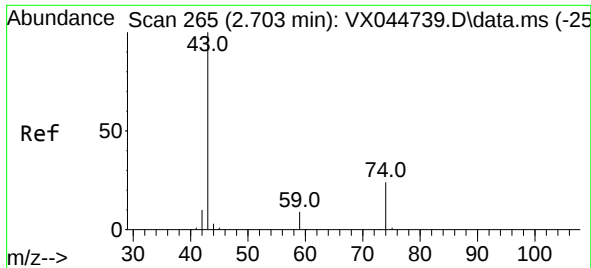
Tgt Ion: 43 Resp: 383515
Ion Ratio Lower Upper
43 100
58 32.1 0.0 64.6



#14
Carbon disulfide
Concen: 235.903 ug/L
RT: 2.501 min Scan# 232
Delta R.T. -0.000 min
Lab File: VX044741.D
Acq: 28 Jan 2025 11:24

Tgt Ion: 76 Resp: 1201189
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8

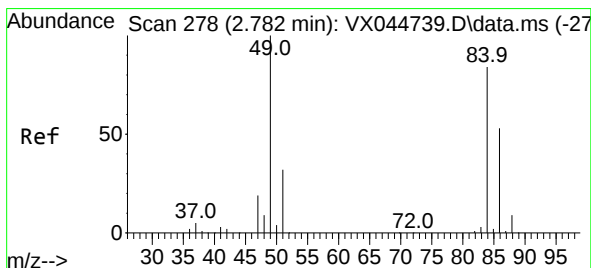
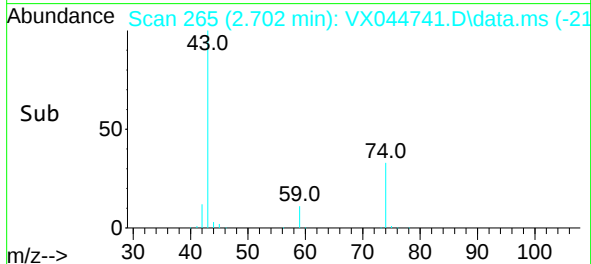
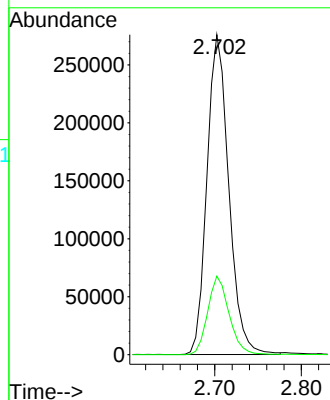
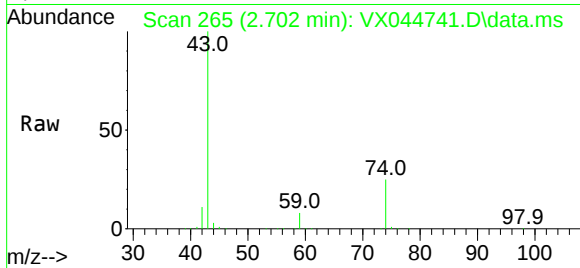




#15
Methyl Acetate
Concen: 246.356 ug/L
RT: 2.702 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX044741.D
Acq: 28 Jan 2025 11:24

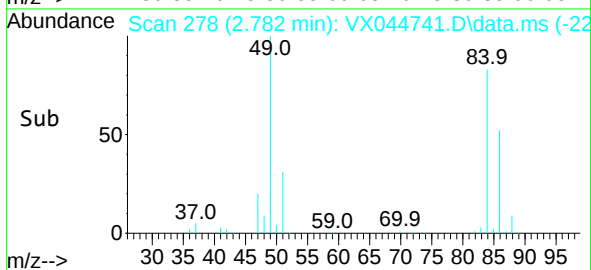
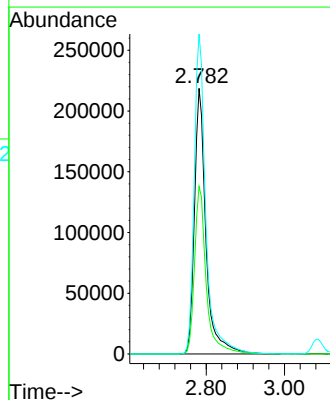
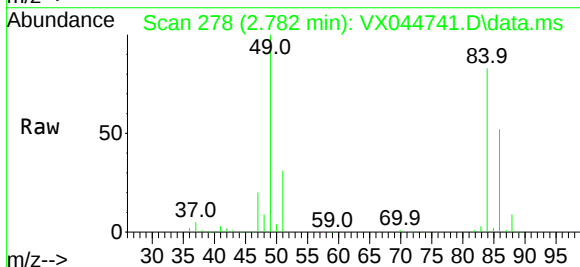
Instrument :
MSVOA_X
ClientSampleId :

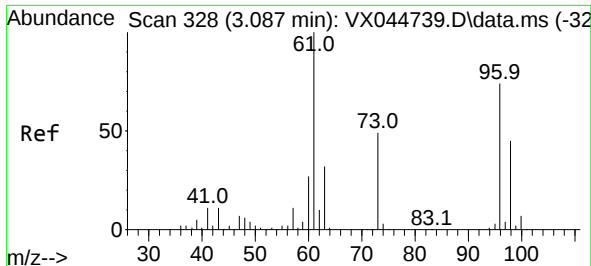
Tgt Ion: 43 Resp: 482457
Ion Ratio Lower Upper
43 100
74 24.0 19.7 29.5



#16
Methylene chloride
Concen: 230.958 ug/L
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX044741.D
Acq: 28 Jan 2025 11:24

Tgt Ion: 84 Resp: 447057
Ion Ratio Lower Upper
84 100
86 63.0 45.6 84.8
49 120.5 84.6 157.0

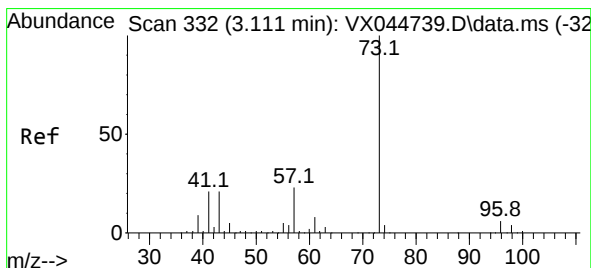
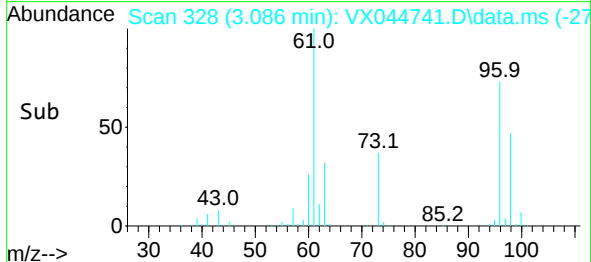
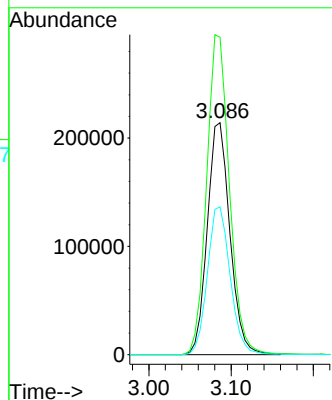
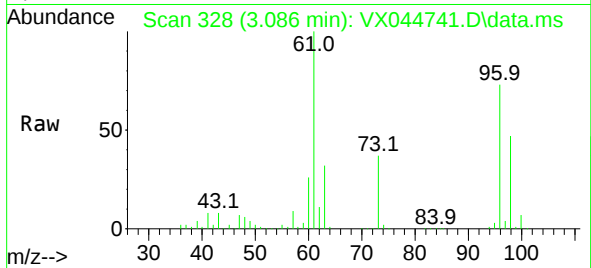




#17
trans-1,2-Dichloroethene
Concen: 235.117 ug/L
RT: 3.086 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX044741.D
Acq: 28 Jan 2025 11:24

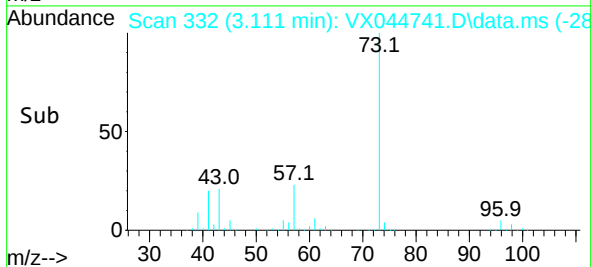
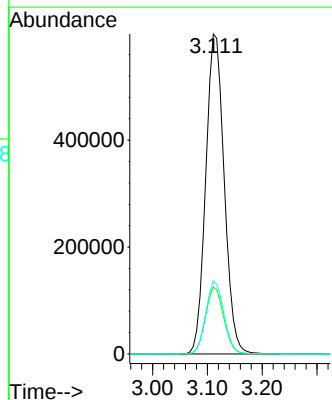
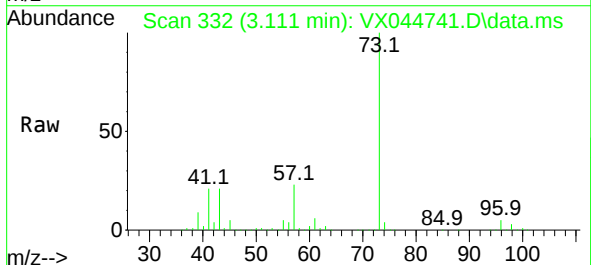
Instrument :
MSVOA_X
ClientSampleId :

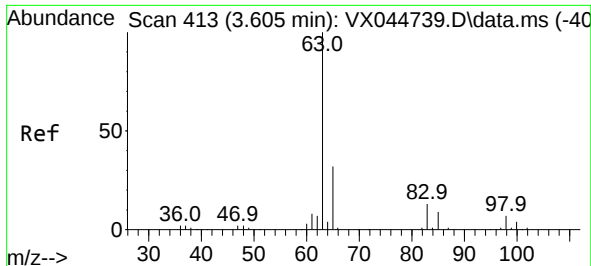
Tgt Ion: 96 Resp: 410512
Ion Ratio Lower Upper
96 100
61 136.8 98.3 182.7
98 63.7 44.1 81.9



#18
Methyl tert-butyl Ether
Concen: 229.004 ug/L
RT: 3.111 min Scan# 332
Delta R.T. -0.000 min
Lab File: VX044741.D
Acq: 28 Jan 2025 11:24

Tgt Ion: 73 Resp: 1397530
Ion Ratio Lower Upper
73 100
43 20.7 16.9 25.3
57 22.5 17.4 26.0





#19

1,1-Dichloroethane

Concen: 233.182 ug/L

RT: 3.605 min Scan# 41

Delta R.T. -0.000 min

Lab File: VX044741.D

Acq: 28 Jan 2025 11:24

Instrument :

MSVOA_X

ClientSampleId :

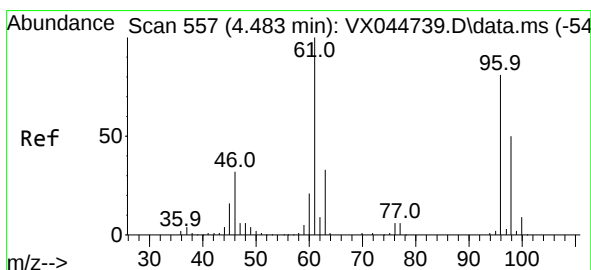
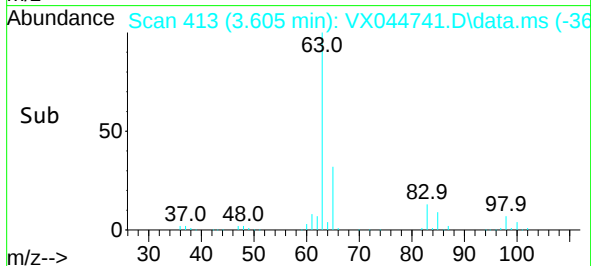
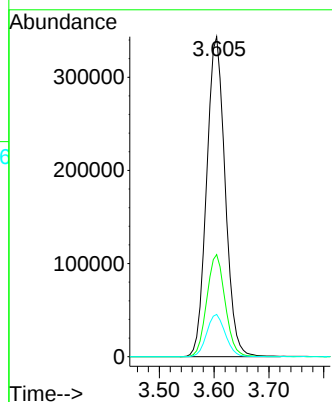
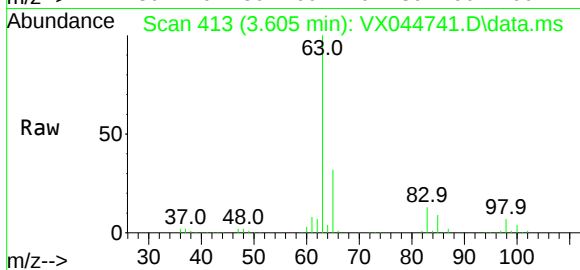
Tgt Ion: 63 Resp: 803319

Ion Ratio Lower Upper

63 100

65 31.9 21.8 40.6

83 13.2 9.4 17.4



#20

cis-1,2-Dichloroethene

Concen: 234.086 ug/L

RT: 4.483 min Scan# 557

Delta R.T. -0.000 min

Lab File: VX044741.D

Acq: 28 Jan 2025 11:24

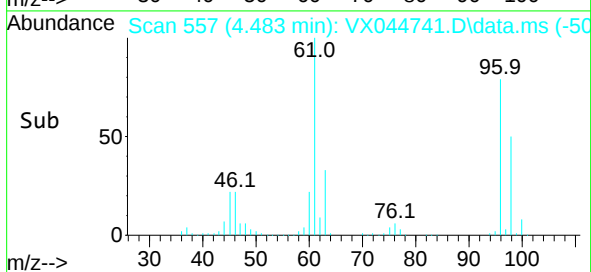
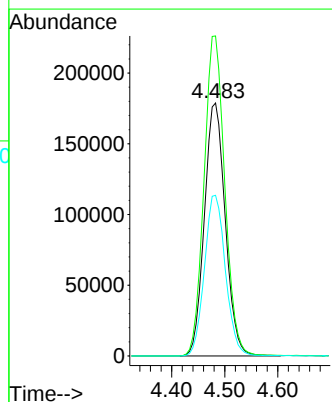
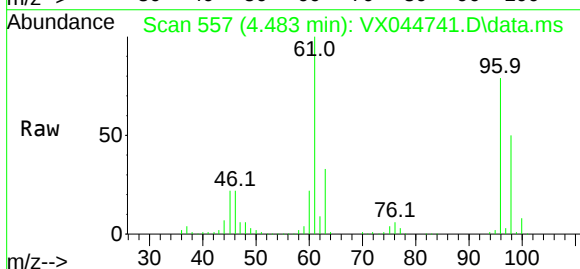
Tgt Ion: 96 Resp: 488687

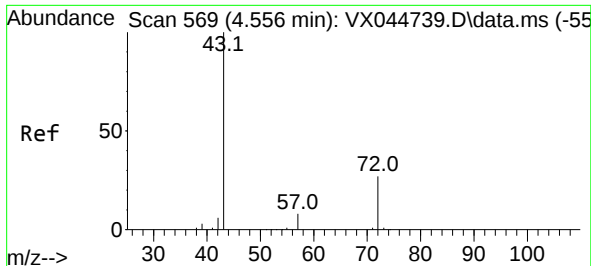
Ion Ratio Lower Upper

96 100

61 126.5 88.3 163.9

98 63.5 44.6 82.8

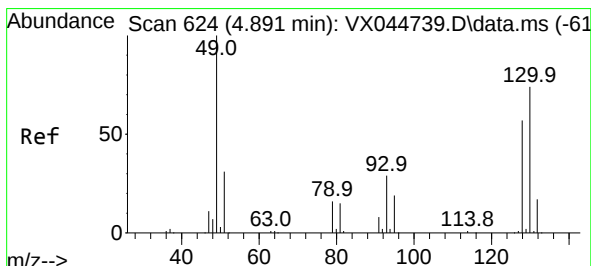
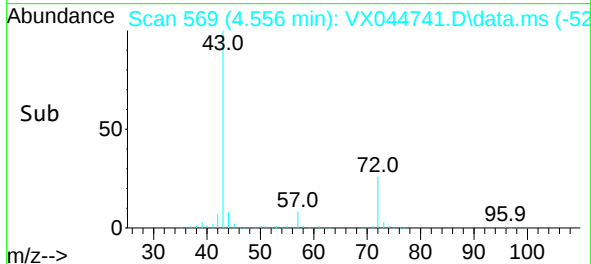
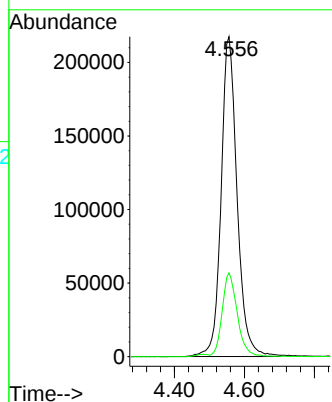
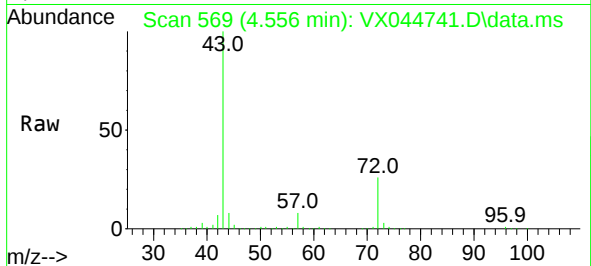




#22
2-Butanone
Concen: 539.772 ug/L
RT: 4.556 min Scan# 569
Delta R.T. -0.000 min
Lab File: VX044741.D
Acq: 28 Jan 2025 11:24

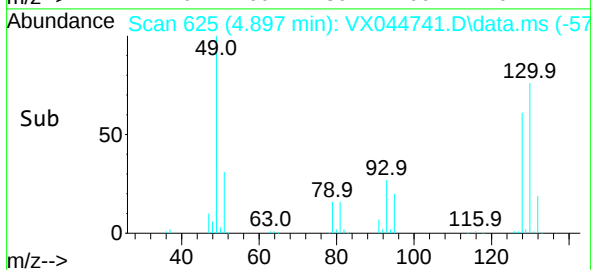
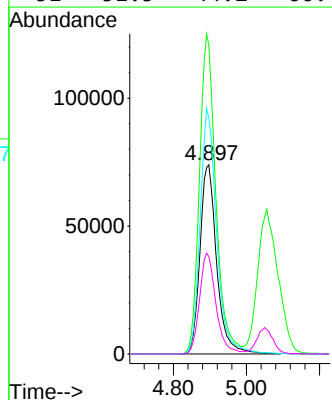
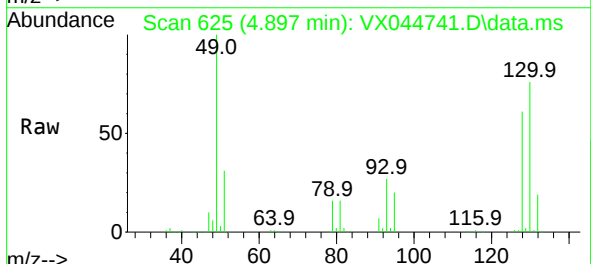
Instrument :
MSVOA_X
ClientSampleId :

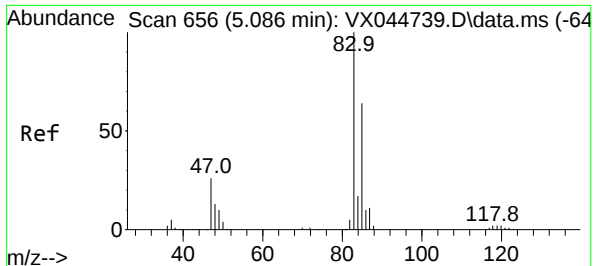
Tgt Ion: 43 Resp: 688831
Ion Ratio Lower Upper
43 100
72 24.3 13.4 40.2



#23
Bromochloromethane
Concen: 231.995 ug/L
RT: 4.897 min Scan# 625
Delta R.T. 0.006 min
Lab File: VX044741.D
Acq: 28 Jan 2025 11:24

Tgt Ion: 128 Resp: 235738
Ion Ratio Lower Upper
128 100
49 163.5 117.6 218.4
130 124.7 92.0 170.9
51 51.5 44.2 66.4





#25

Chloroform

Concen: 226.494 ug/L

RT: 5.086 min Scan# 61

Delta R.T. -0.000 min

Lab File: VX044741.D

Acq: 28 Jan 2025 11:24

Instrument :

MSVOA_X

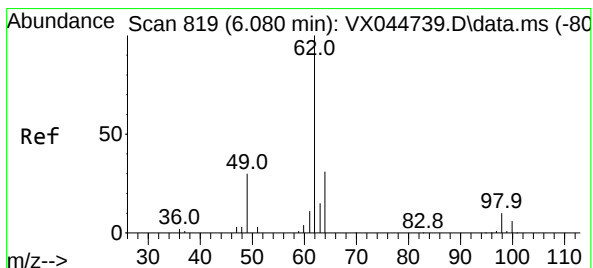
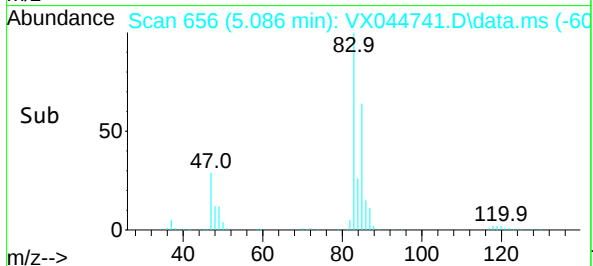
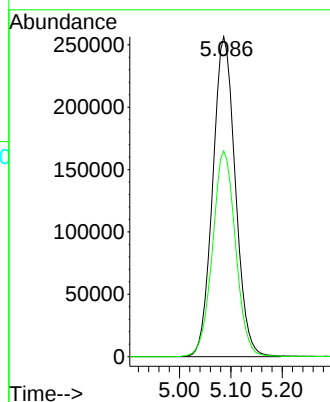
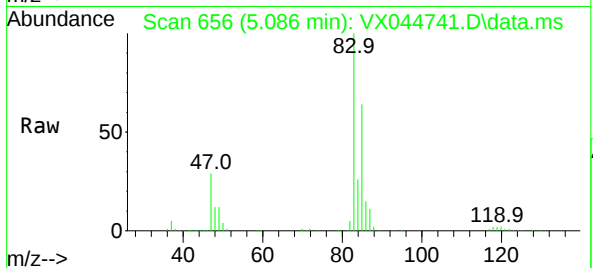
ClientSampleId :

Tgt Ion: 83 Resp: 782904

Ion Ratio Lower Upper

83 100

85 64.3 45.4 84.2



#27

1,2-Dichloroethane

Concen: 223.318 ug/L

RT: 6.080 min Scan# 819

Delta R.T. -0.000 min

Lab File: VX044741.D

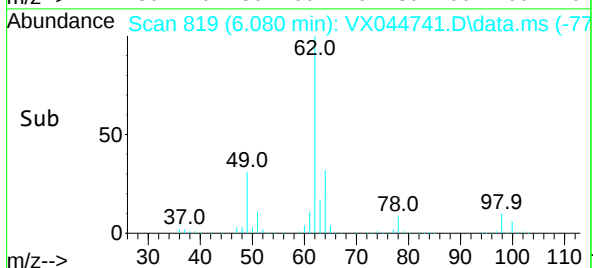
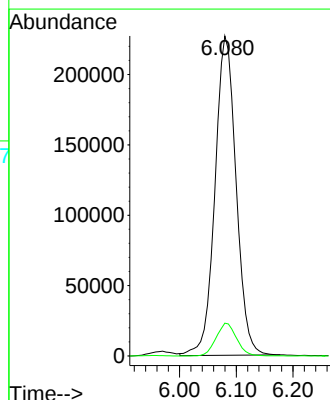
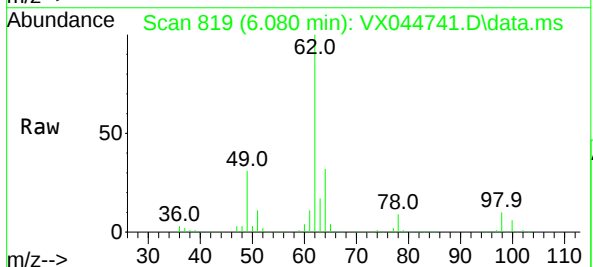
Acq: 28 Jan 2025 11:24

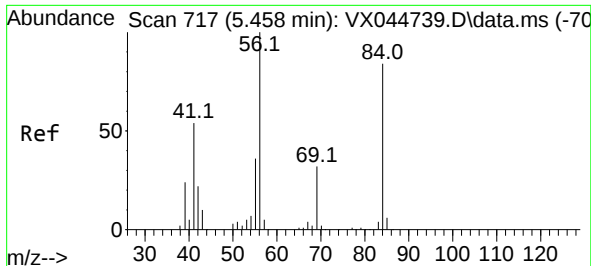
Tgt Ion: 62 Resp: 587182

Ion Ratio Lower Upper

62 100

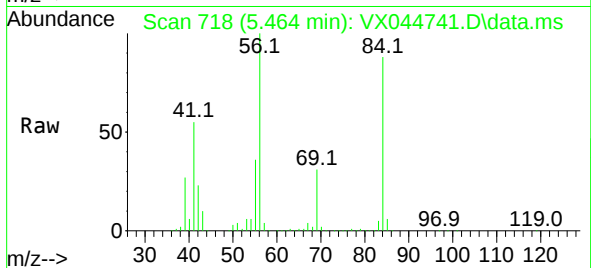
98 10.2 7.4 11.2



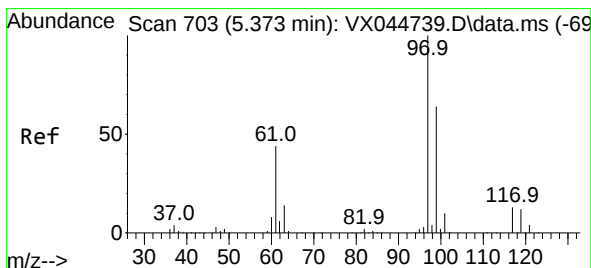
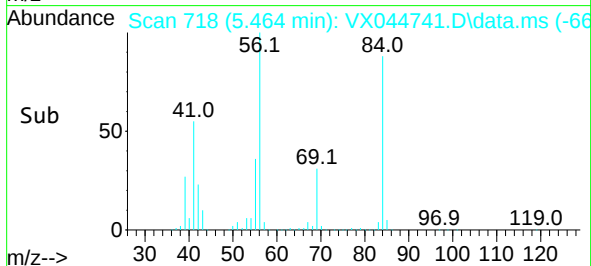
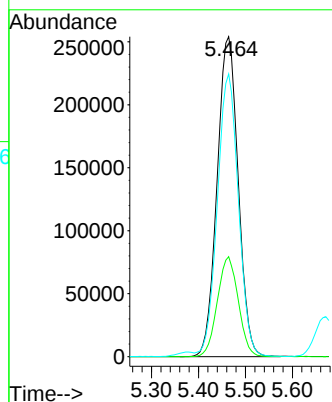


#29
Cyclohexane
Concen: 249.469 ug/L
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX044741.D
Acq: 28 Jan 2025 11:24

Instrument :
MSVOA_X
ClientSampleId :

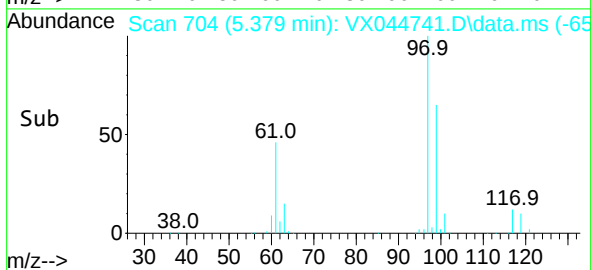
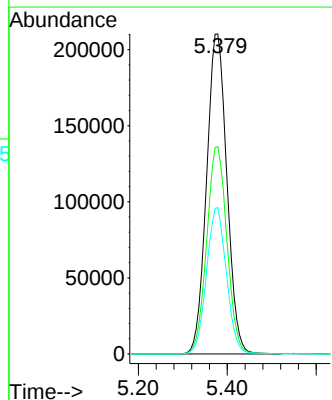
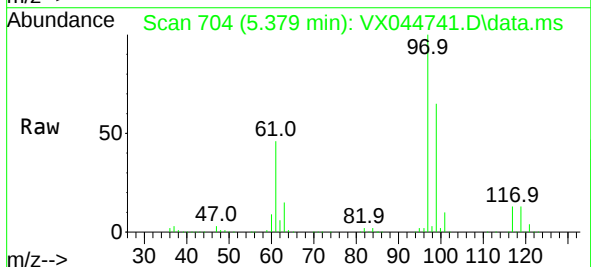


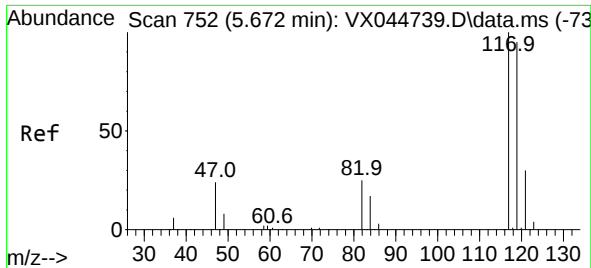
Tgt Ion	Ratio	Lower	Upper
56	100		
69	30.9	25.4	38.2
84	87.8	71.6	107.4



#30
1,1,1-Trichloroethane
Concen: 235.142 ug/L
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX044741.D
Acq: 28 Jan 2025 11:24

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.0	76.4
61	45.0	35.8	53.6

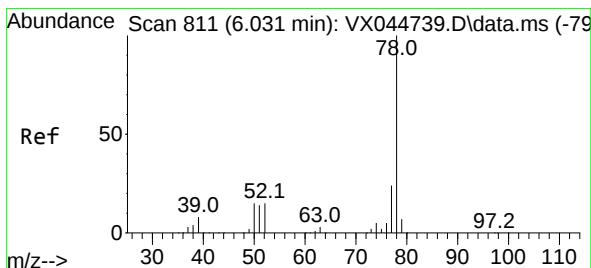
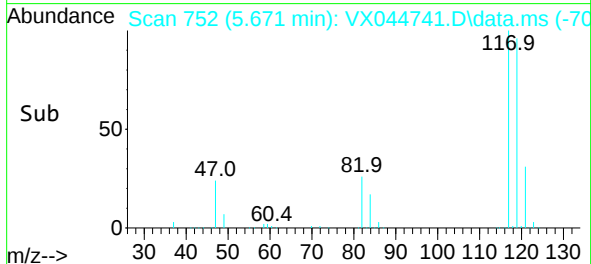
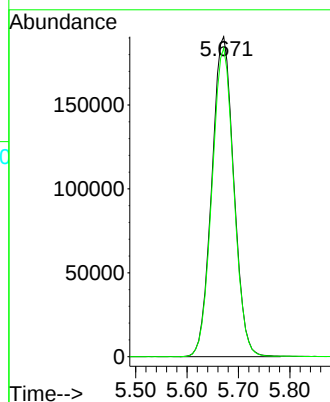
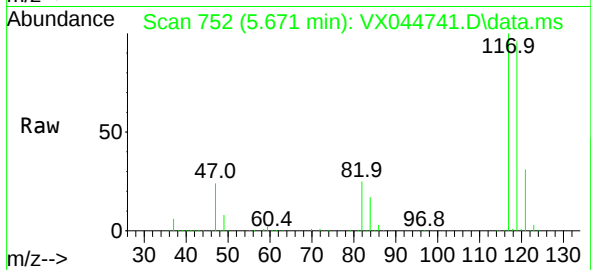




#31
Carbon tetrachloride
Concen: 231.307 ug/L
RT: 5.671 min Scan# 752
Delta R.T. -0.000 min
Lab File: VX044741.D
Acq: 28 Jan 2025 11:24

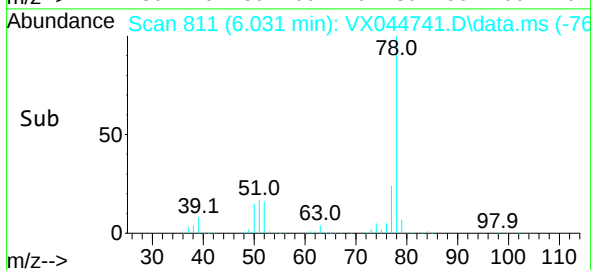
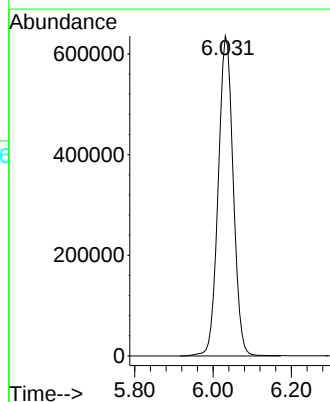
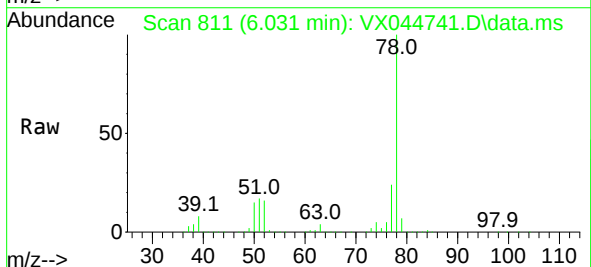
Instrument :
MSVOA_X
ClientSampleId :

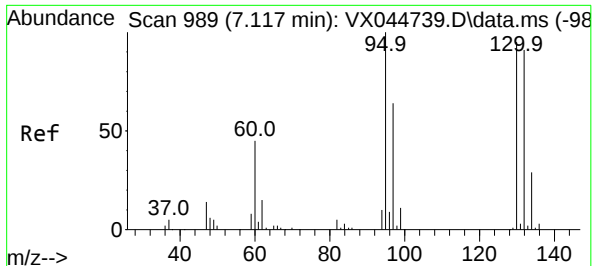
Tgt Ion:117 Resp: 567222
Ion Ratio Lower Upper
117 100
119 95.8 77.1 115.7



#33
Benzene
Concen: 232.600 ug/L
RT: 6.031 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX044741.D
Acq: 28 Jan 2025 11:24

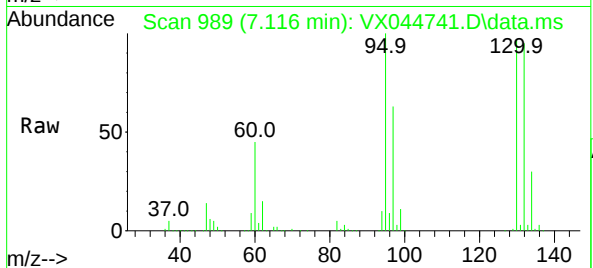
Tgt Ion: 78 Resp: 1691166



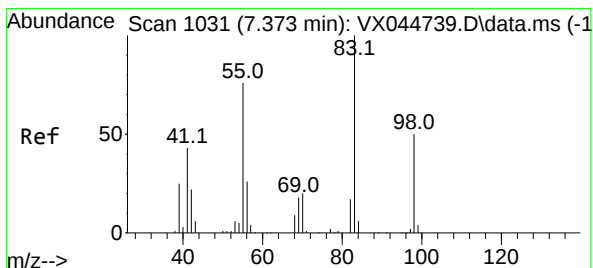
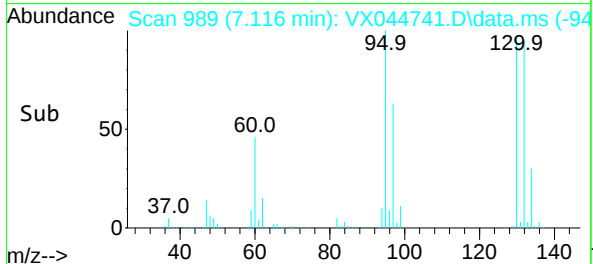
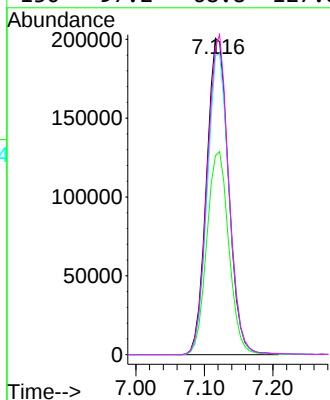


#34
Trichloroethene
Concen: 240.120 ug/L
RT: 7.116 min Scan# 94
Delta R.T. -0.000 min
Lab File: VX044741.D
Acq: 28 Jan 2025 11:24

Instrument :
MSVOA_X
ClientSampleId :

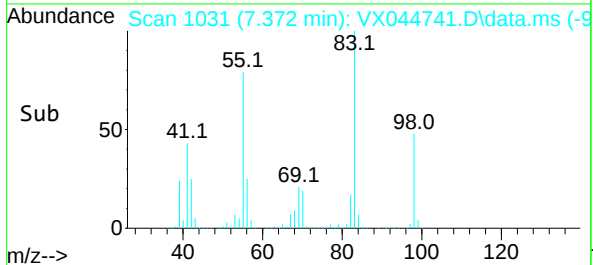
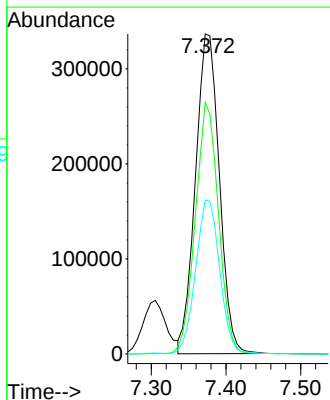
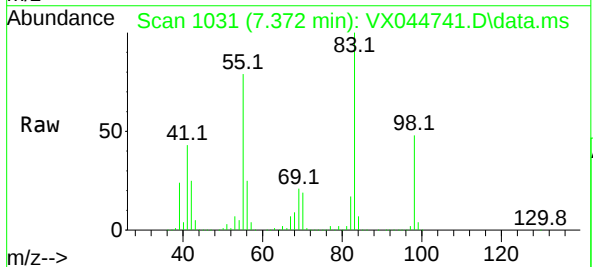


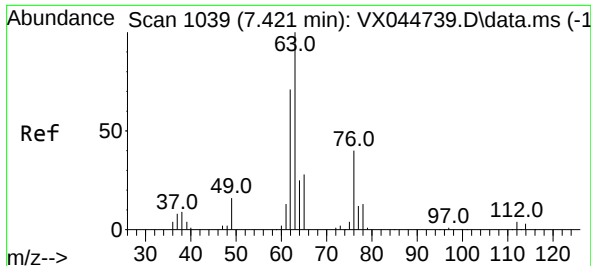
Tgt Ion: 95 Resp: 447736
Ion Ratio Lower Upper
95 100
97 62.9 46.1 85.5
132 94.5 64.5 119.9
130 97.2 68.8 127.8



#35
Methylcyclohexane
Concen: 237.463 ug/L
RT: 7.372 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VX044741.D
Acq: 28 Jan 2025 11:24

Tgt Ion: 83 Resp: 746838
Ion Ratio Lower Upper
83 100
55 76.0 60.6 90.8
98 48.8 38.9 58.3





#37

1,2-Dichloropropane

Concen: 236.154 ug/L

RT: 7.427 min Scan# 1104

Delta R.T. 0.006 min

Lab File: VX044741.D

Acq: 28 Jan 2025 11:24

Instrument :

MSVOA_X

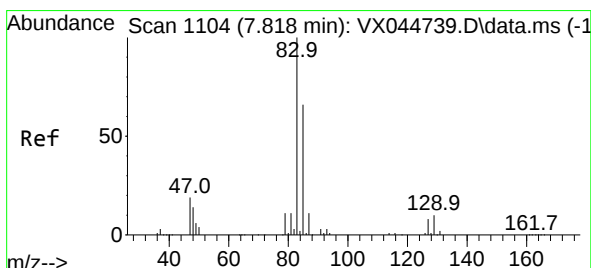
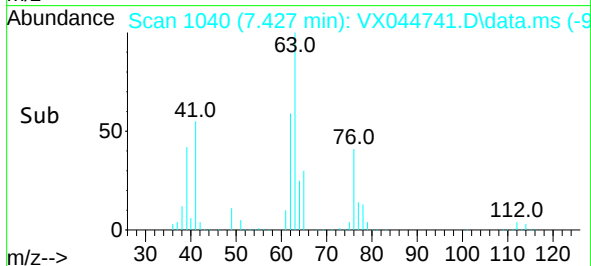
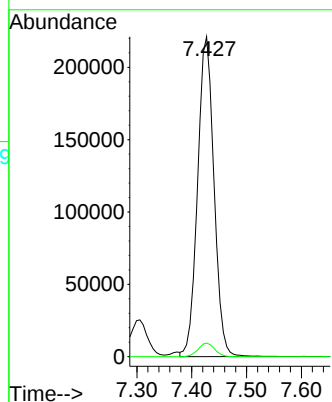
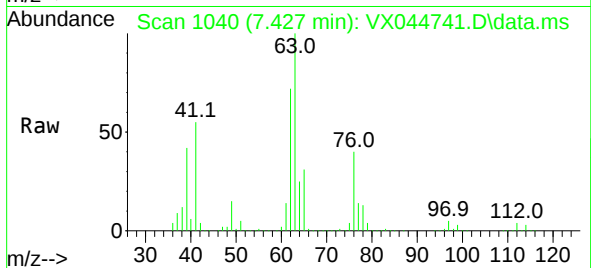
ClientSampleId :

Tgt Ion: 63 Resp: 459429

Ion Ratio Lower Upper

63 100

112 4.3 3.5 5.3



#38

Bromodichloromethane

Concen: 230.264 ug/L

RT: 7.817 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VX044741.D

Acq: 28 Jan 2025 11:24

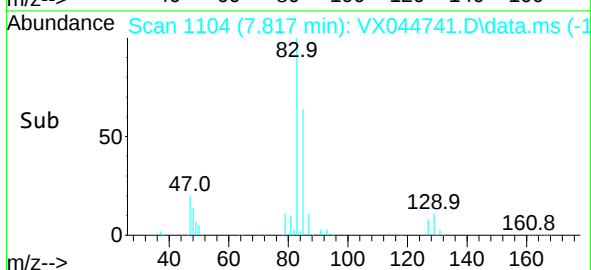
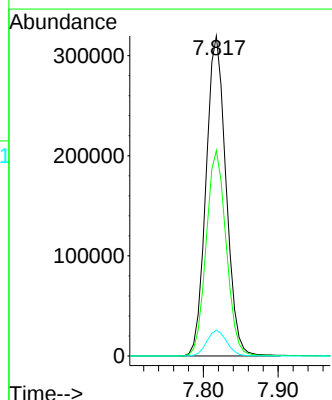
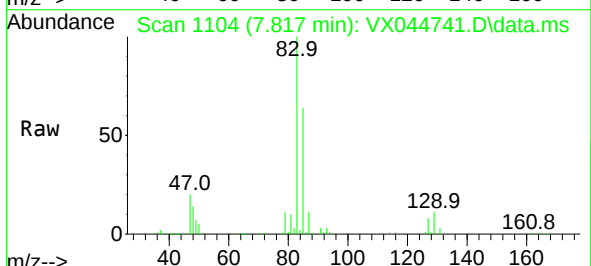
Tgt Ion: 83 Resp: 592020

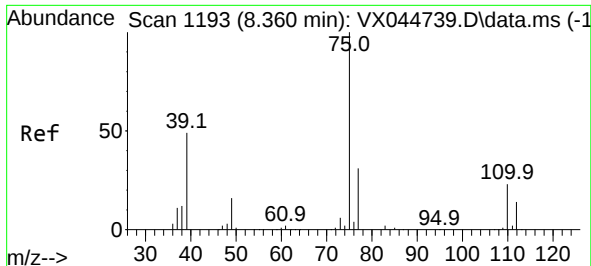
Ion Ratio Lower Upper

83 100

85 64.2 43.8 81.3

127 8.1 6.5 9.7





#39

cis-1,3-Dichloropropene

Concen: 238.130 ug/L

RT: 8.360 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VX044741.D

Acq: 28 Jan 2025 11:24

Instrument :

MSVOA_X

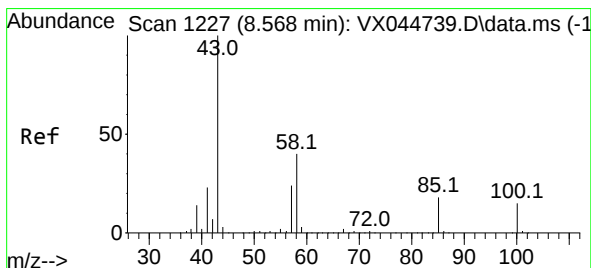
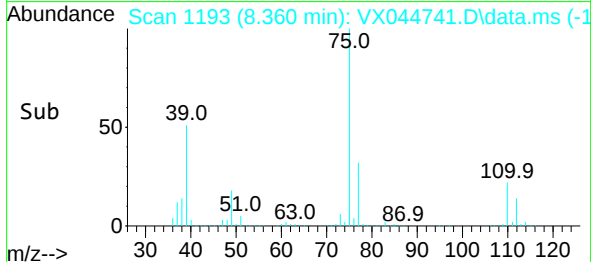
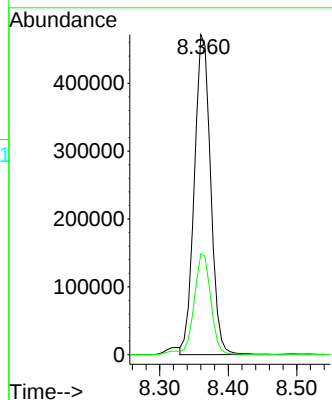
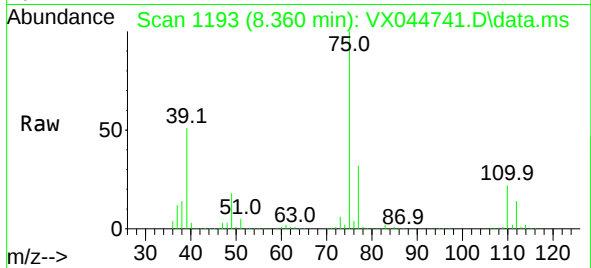
ClientSampleId :

Tgt Ion: 75 Resp: 781570

Ion Ratio Lower Upper

75 100

77 31.5 21.7 40.3



#40

4-Methyl-2-pentanone

Concen: 483.015 ug/L

RT: 8.573 min Scan# 1228

Delta R.T. 0.006 min

Lab File: VX044741.D

Acq: 28 Jan 2025 11:24

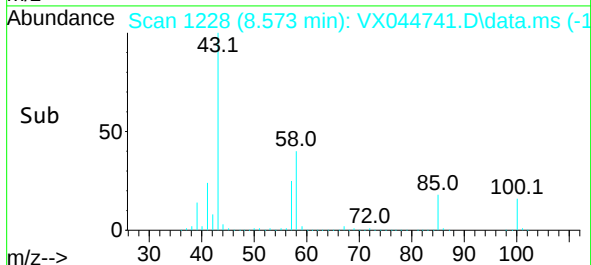
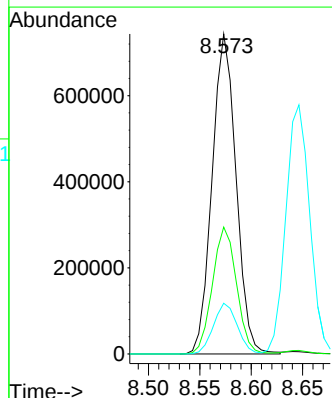
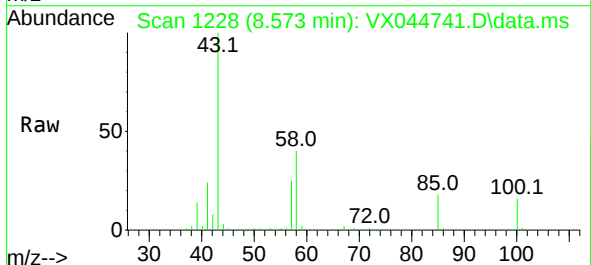
Tgt Ion: 43 Resp: 1202710

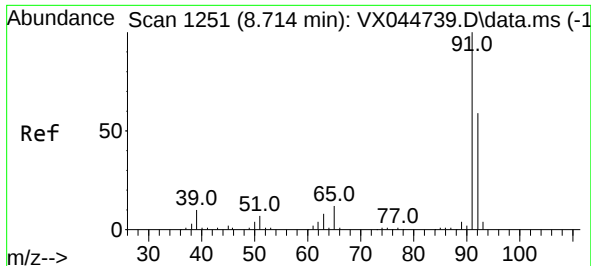
Ion Ratio Lower Upper

43 100

58 39.9 32.1 48.1

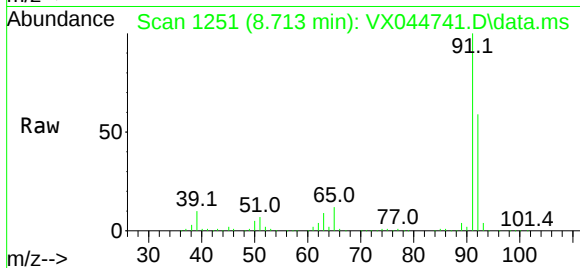
100 15.8 12.9 19.3



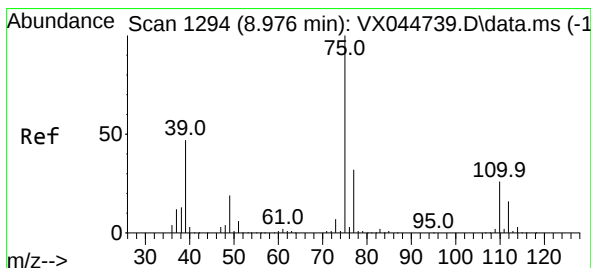
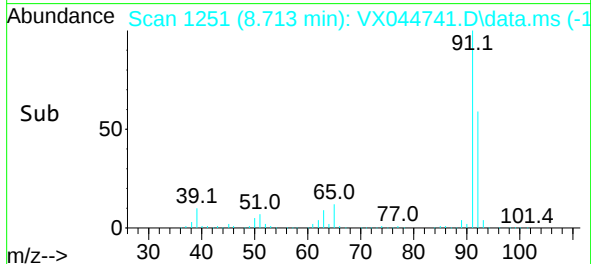
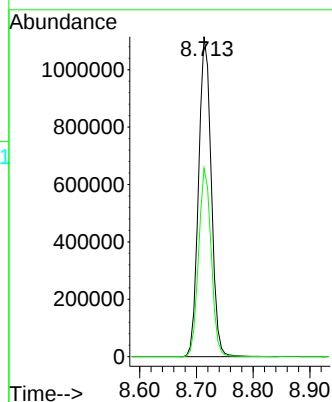


#42
Toluene
Concen: 230.200 ug/L
RT: 8.713 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX044741.D
Acq: 28 Jan 2025 11:24

Instrument :
MSVOA_X
ClientSampleId :

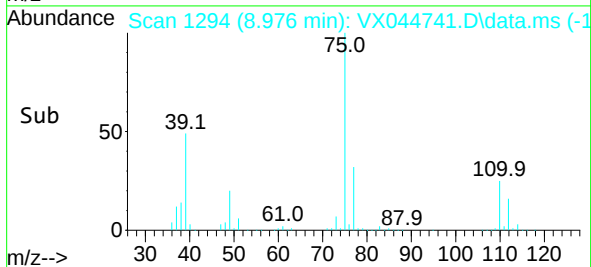
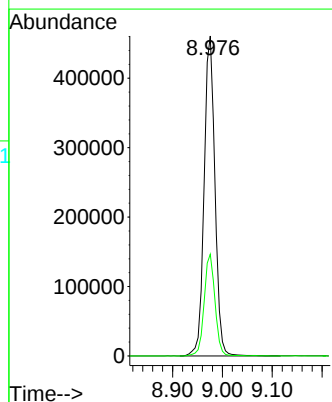
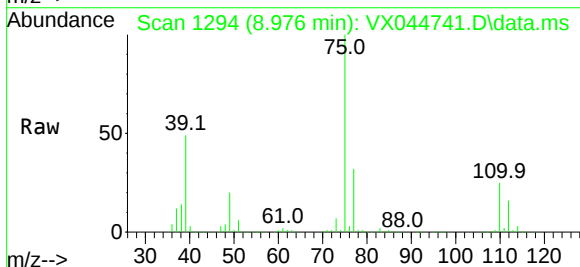


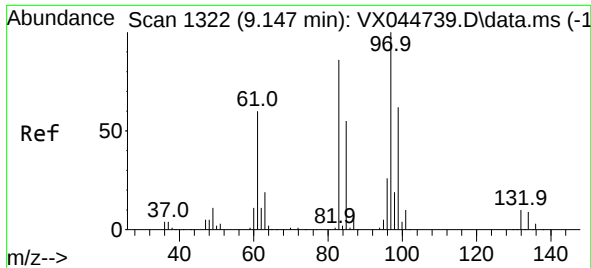
Tgt Ion: 91 Resp: 1726863
Ion Ratio Lower Upper
91 100
92 58.9 40.7 75.5



#44
trans-1,3-Dichloropropene
Concen: 233.823 ug/L
RT: 8.976 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VX044741.D
Acq: 28 Jan 2025 11:24

Tgt Ion: 75 Resp: 695457
Ion Ratio Lower Upper
75 100
77 31.8 22.4 41.6



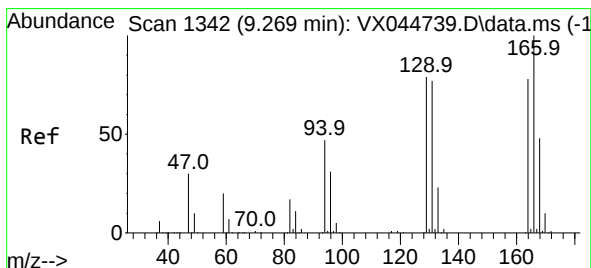
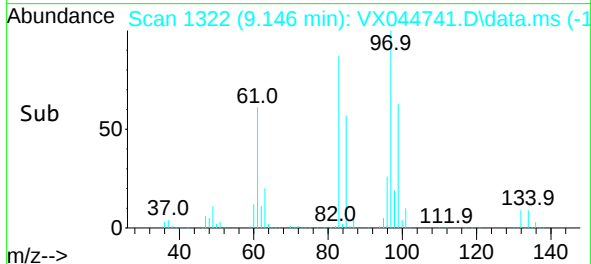
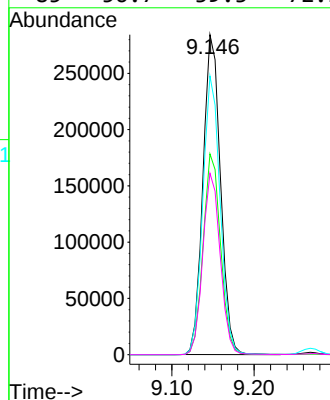
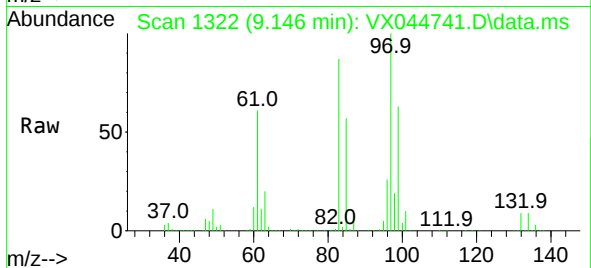


#45
1,1,2-Trichloroethane
Concen: 223.409 ug/L
RT: 9.146 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX044741.D
Acq: 28 Jan 2025 11:24

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 97 Resp: 421389

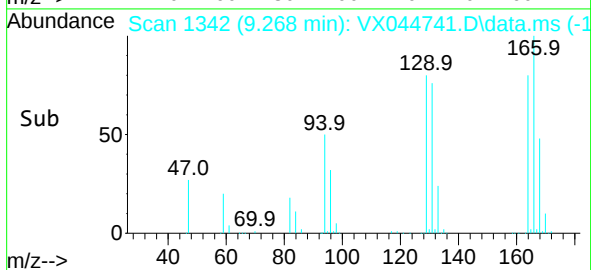
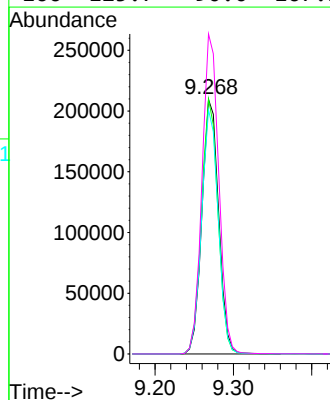
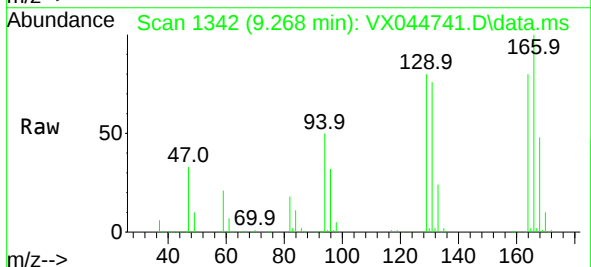
Ion	Ratio	Lower	Upper
97	100		
99	62.8	44.8	83.2
83	87.1	60.8	113.0
85	56.7	39.3	72.9

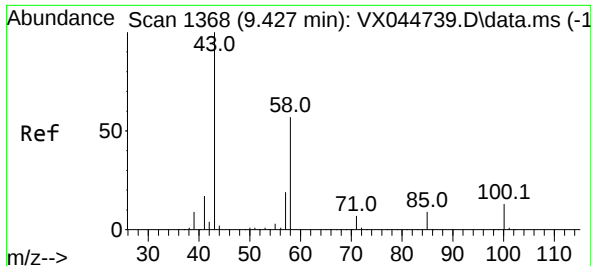


#46
Tetrachloroethene
Concen: 239.048 ug/L
RT: 9.268 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX044741.D
Acq: 28 Jan 2025 11:24

Tgt Ion: 164 Resp: 310146

Ion	Ratio	Lower	Upper
164	100		
129	100.2	71.2	132.2
131	95.9	67.2	124.8
166	125.7	90.0	167.2

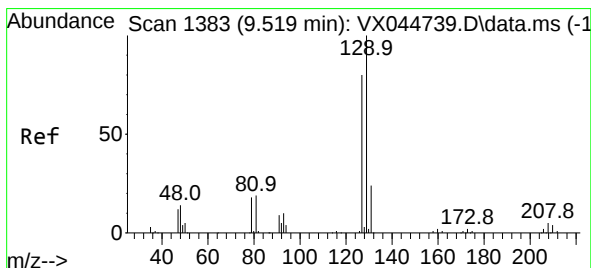
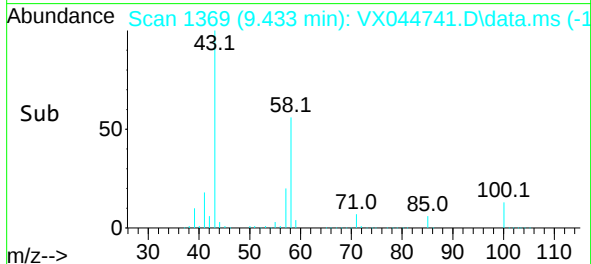
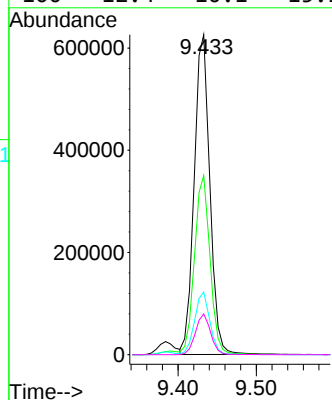
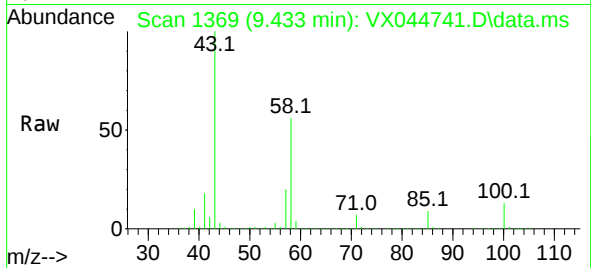




#48
2-Hexanone
Concen: 488.045 ug/L
RT: 9.433 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX044741.D
Acq: 28 Jan 2025 11:24

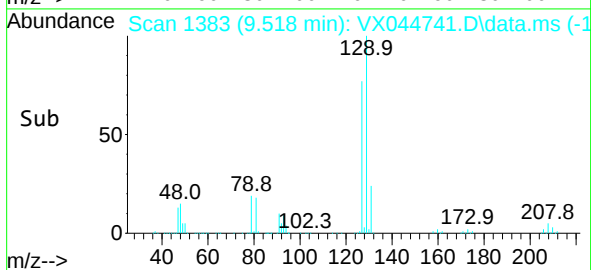
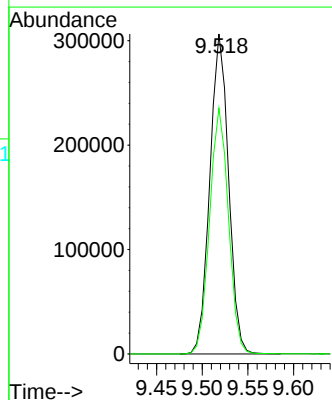
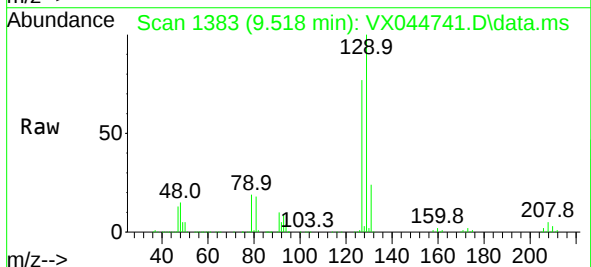
Instrument :
MSVOA_X
ClientSampleId :

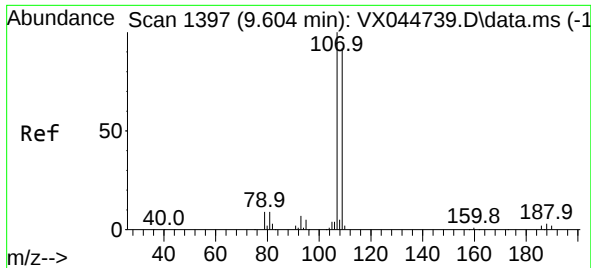
Tgt Ion: 43 Resp: 870266
Ion Ratio Lower Upper
43 100
58 55.6 44.3 66.5
57 19.1 15.9 23.9
100 12.4 10.1 15.1



#49
Dibromochloromethane
Concen: 224.843 ug/L
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX044741.D
Acq: 28 Jan 2025 11:24

Tgt Ion: 129 Resp: 435668
Ion Ratio Lower Upper
129 100
127 76.8 53.6 99.6





#50

1,2-Dibromoethane

Concen: 230.496 ug/L

RT: 9.604 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX044741.D

Acq: 28 Jan 2025 11:24

Instrument :

MSVOA_X

ClientSampleId :

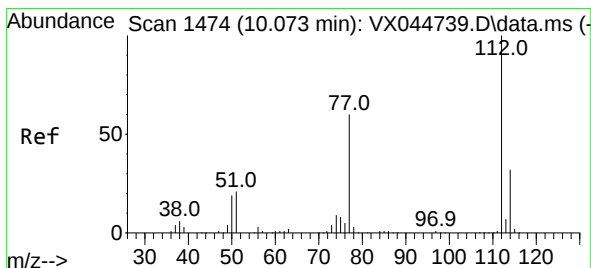
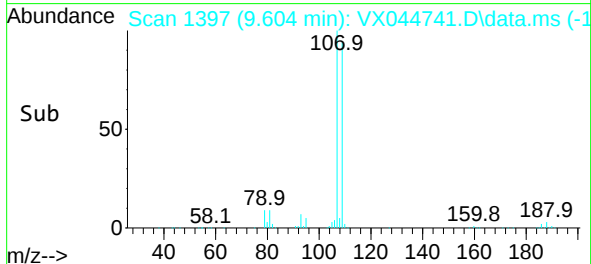
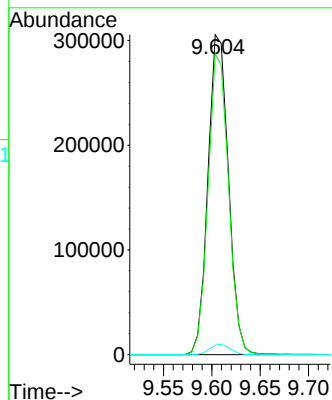
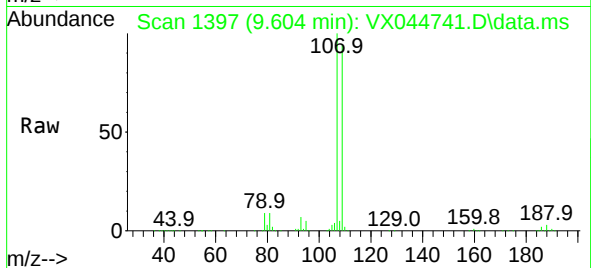
Tgt Ion:107 Resp: 449845

Ion Ratio Lower Upper

107 100

109 94.1 67.2 124.8

188 3.0 2.2 3.4



#51

Chlorobenzene

Concen: 227.354 ug/L

RT: 10.079 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VX044741.D

Acq: 28 Jan 2025 11:24

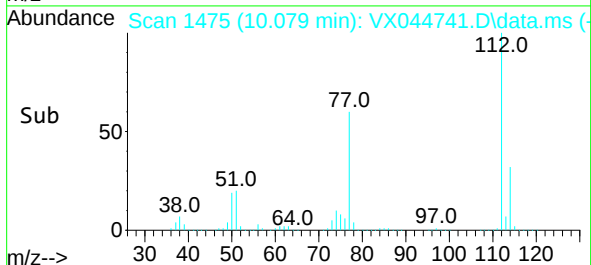
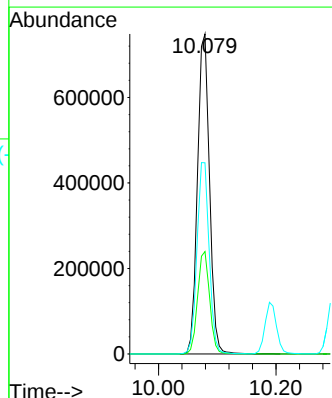
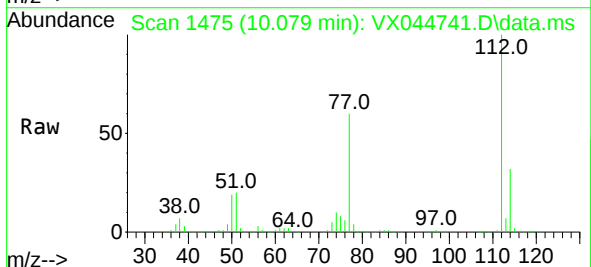
Tgt Ion:112 Resp: 1064848

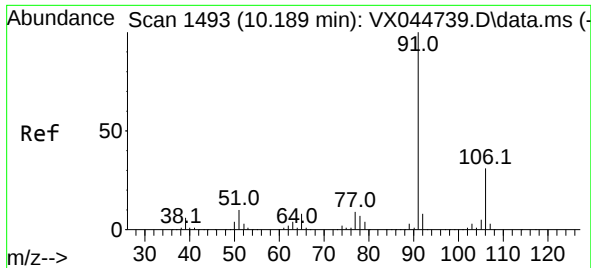
Ion Ratio Lower Upper

112 100

114 32.0 22.4 41.6

77 59.7 49.2 73.8

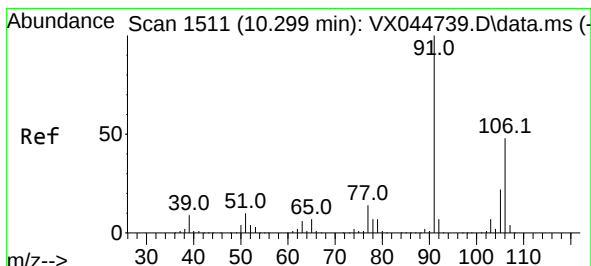
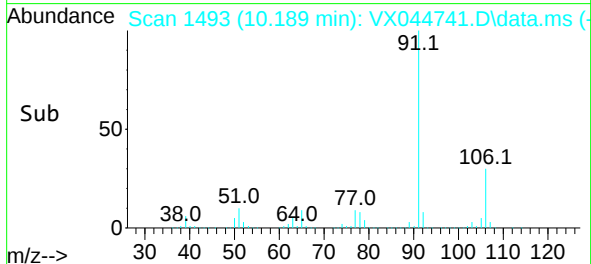
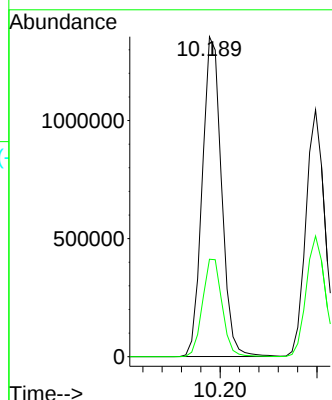
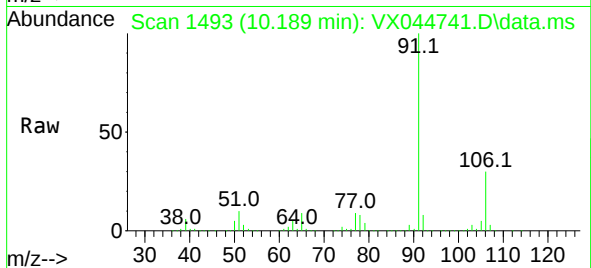




#52
Ethylbenzene
Concen: 229.880 ug/L
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX044741.D
Acq: 28 Jan 2025 11:24

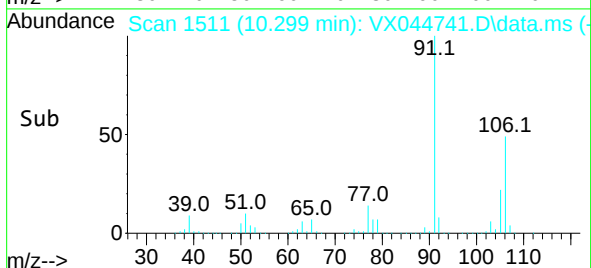
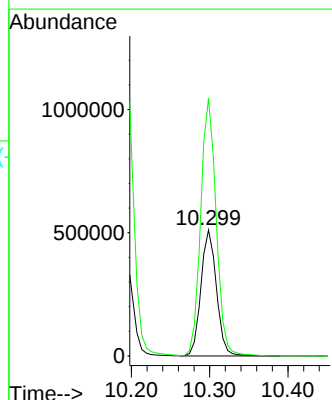
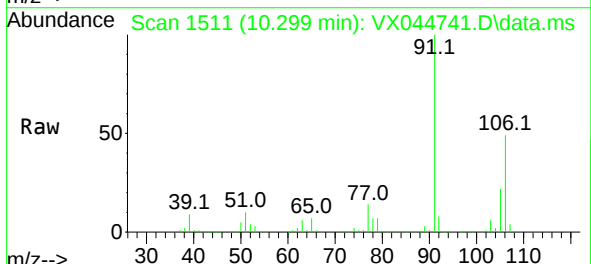
Instrument :
MSVOA_X
ClientSampleId :

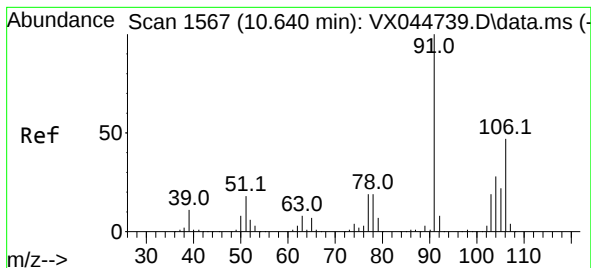
Tgt Ion: 91 Resp: 1880304
Ion Ratio Lower Upper
91 100
106 30.4 21.1 39.3



#53
m,p-Xylene
Concen: 229.132 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX044741.D
Acq: 28 Jan 2025 11:24

Tgt Ion:106 Resp: 703386
Ion Ratio Lower Upper
106 100
91 204.7 145.2 269.6





#54

o-Xylene

Concen: 220.228 ug/L

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX044741.D

Acq: 28 Jan 2025 11:24

Instrument :

MSVOA_X

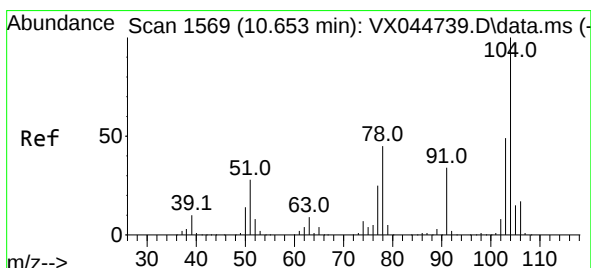
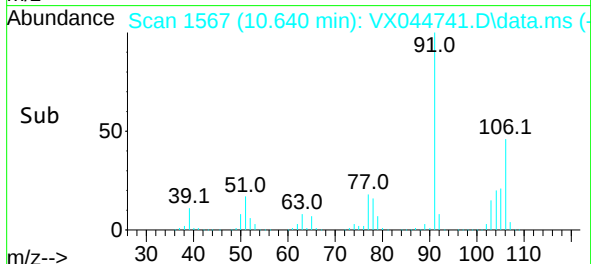
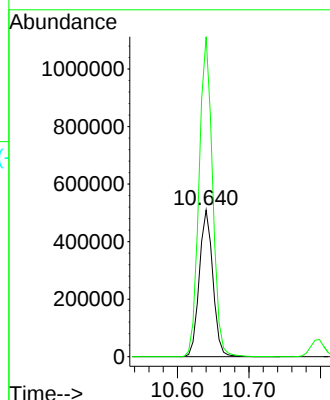
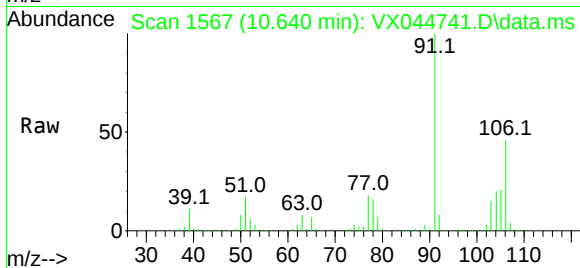
ClientSampleId :

Tgt Ion:106 Resp: 670154

Ion Ratio Lower Upper

106 100

91 218.3 153.2 284.4



#55

Styrene

Concen: 222.252 ug/L

RT: 10.652 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VX044741.D

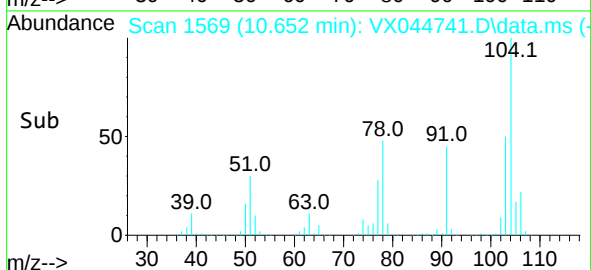
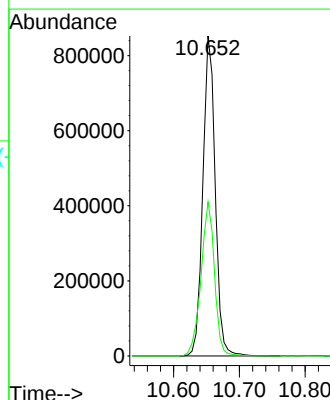
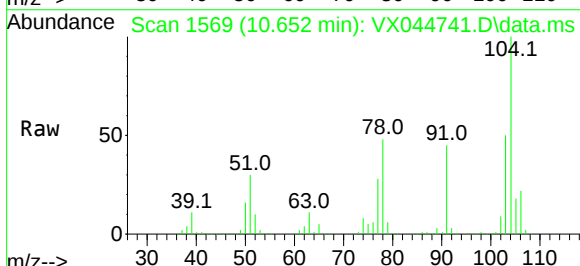
Acq: 28 Jan 2025 11:24

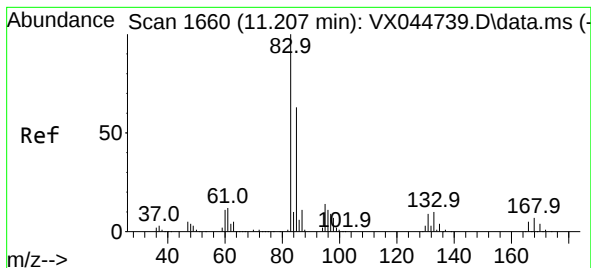
Tgt Ion:104 Resp: 1115262

Ion Ratio Lower Upper

104 100

78 48.1 32.7 60.7





#57

1,1,2,2-Tetrachloroethane

Concen: 224.494 ug/L

RT: 11.213 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX044741.D

Acq: 28 Jan 2025 11:24

Instrument :

MSVOA_X

ClientSampleId :

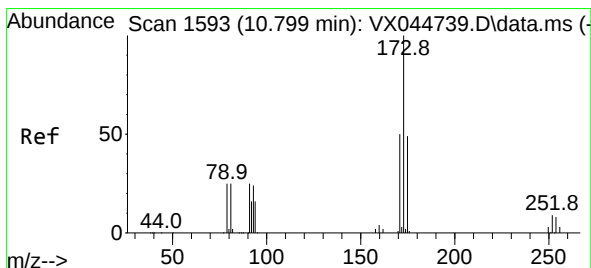
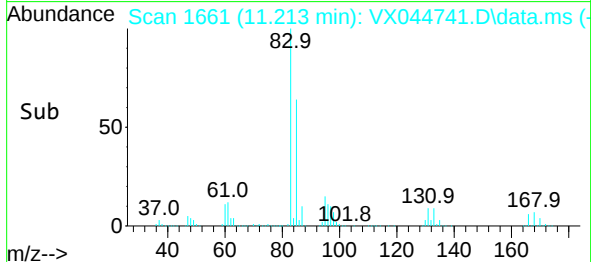
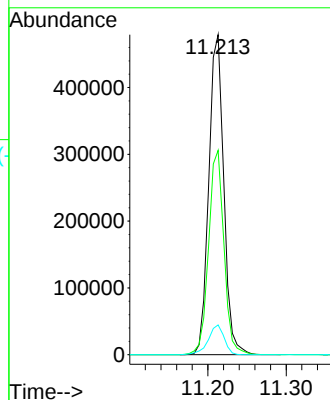
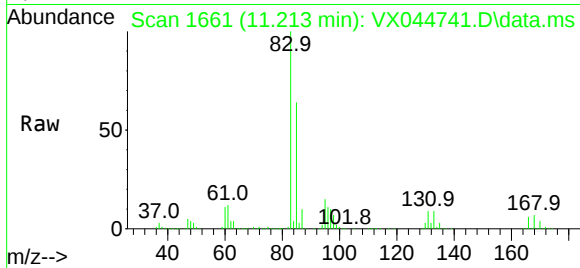
Tgt Ion: 83 Resp: 634898

Ion Ratio Lower Upper

83 100

85 63.9 44.9 83.5

131 9.3 8.0 12.0



#59

Bromoform

Concen: 223.444 ug/L

RT: 10.798 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX044741.D

Acq: 28 Jan 2025 11:24

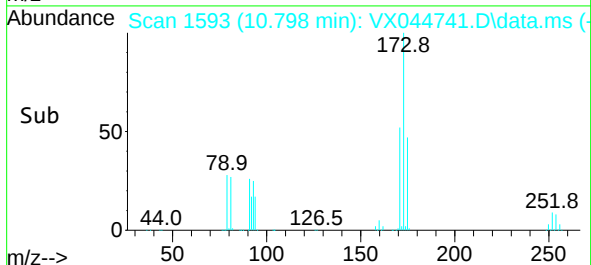
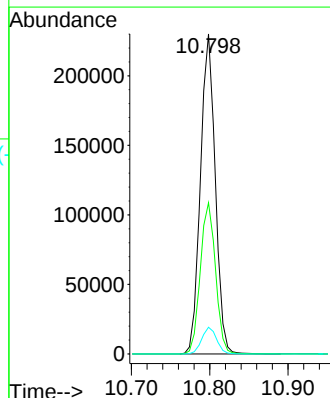
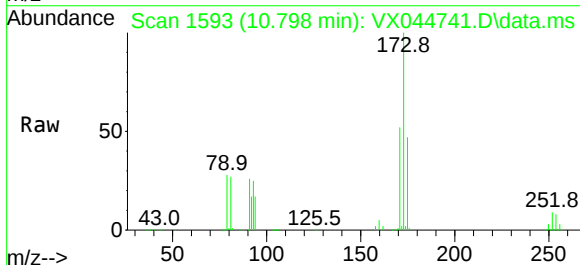
Tgt Ion:173 Resp: 303011

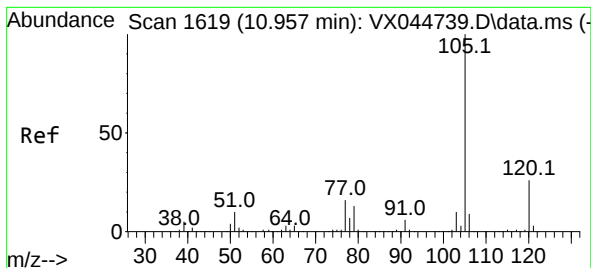
Ion Ratio Lower Upper

173 100

175 48.5 38.6 58.0

254 8.4 6.6 10.0





#60

Isopropylbenzene

Concen: 221.029 ug/L

RT: 10.963 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX044741.D

Acq: 28 Jan 2025 11:24

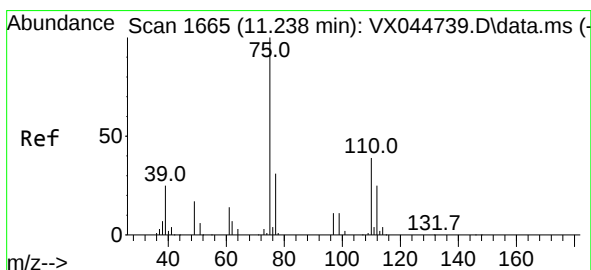
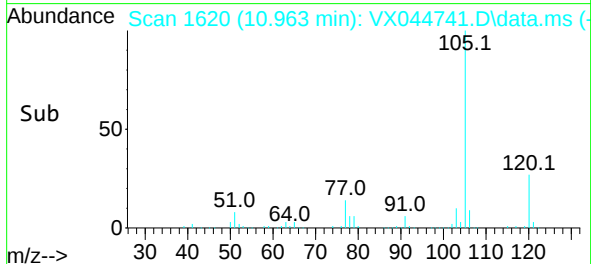
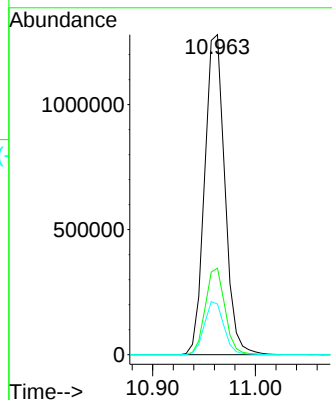
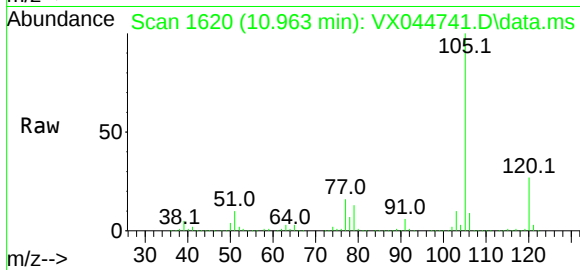
Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:105 Resp: 1751666

Ion	Ratio	Lower	Upper
105	100		
120	26.5	20.9	31.3
77	16.2	12.6	19.0



#61

1,2,3-Trichloropropane

Concen: 219.442 ug/L

RT: 11.237 min Scan# 1665

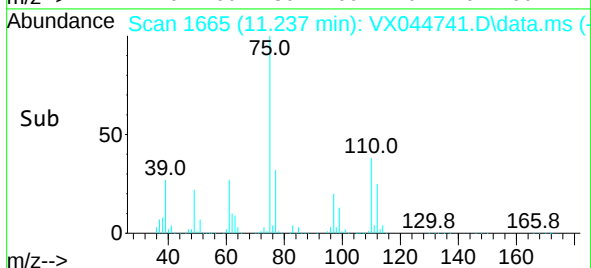
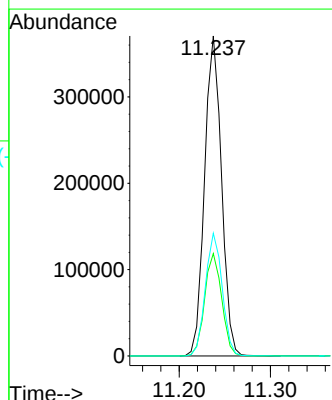
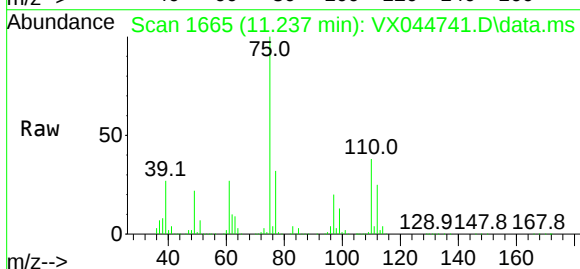
Delta R.T. -0.000 min

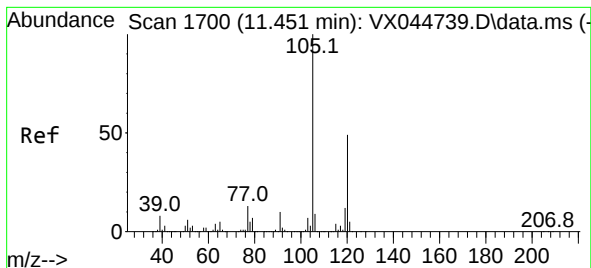
Lab File: VX044741.D

Acq: 28 Jan 2025 11:24

Tgt Ion: 75 Resp: 475774

Ion	Ratio	Lower	Upper
75	100		
77	32.4	25.8	38.6
110	38.2	30.8	46.2





#62

1,3,5-Trimethylbenzene

Concen: 218.507 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX044741.D

Acq: 28 Jan 2025 11:24

Instrument :

MSVOA_X

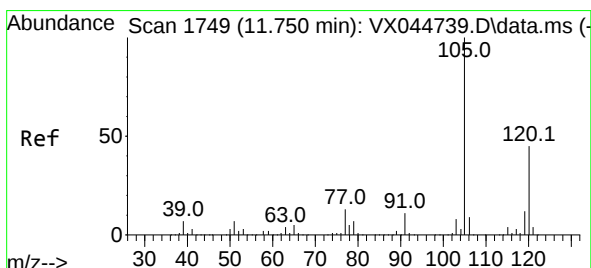
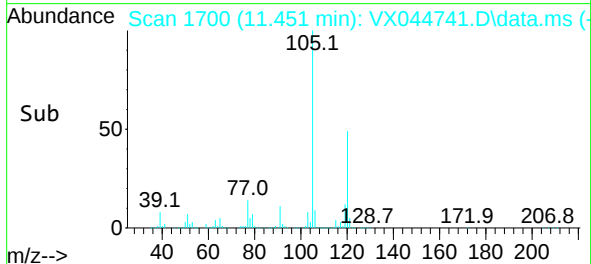
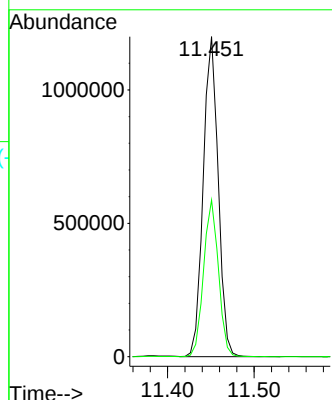
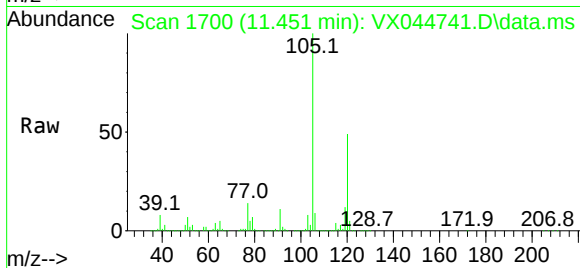
ClientSampleId :

Tgt Ion:105 Resp: 1439056

Ion Ratio Lower Upper

105 100

120 48.5 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 220.851 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX044741.D

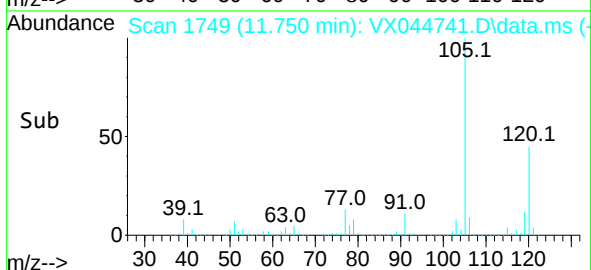
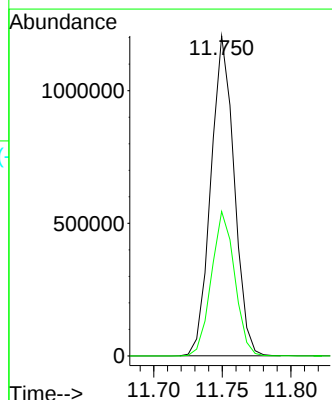
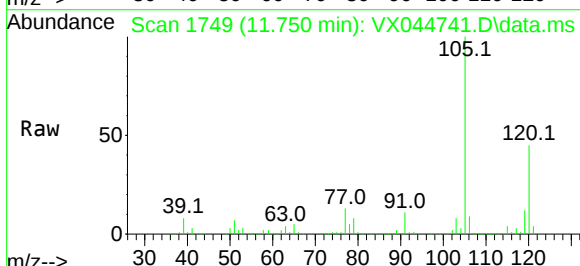
Acq: 28 Jan 2025 11:24

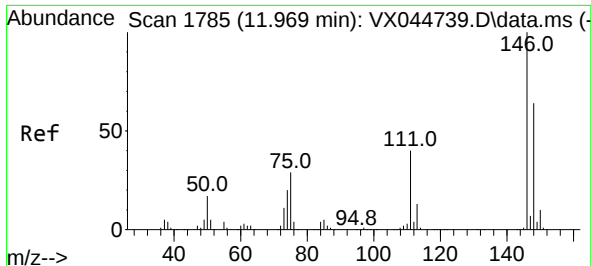
Tgt Ion:105 Resp: 1425908

Ion Ratio Lower Upper

105 100

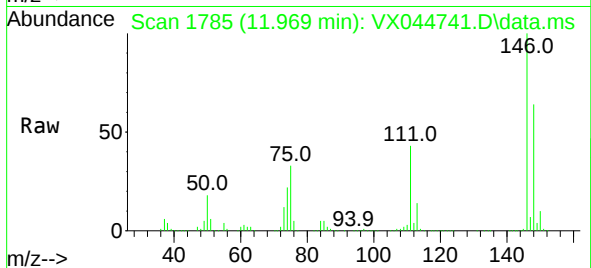
120 45.2 35.7 53.5



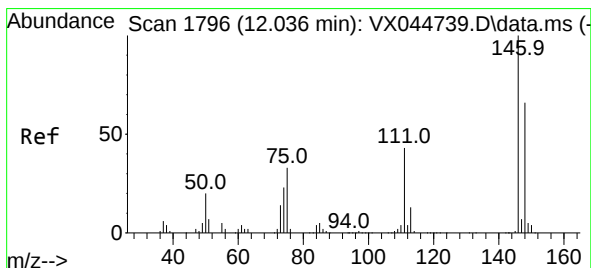
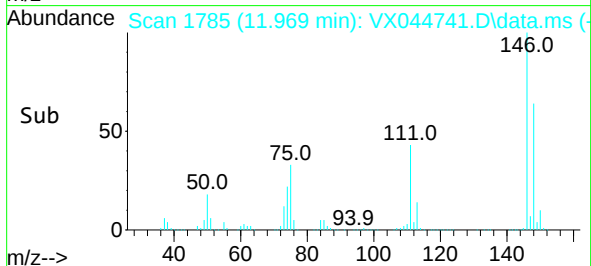
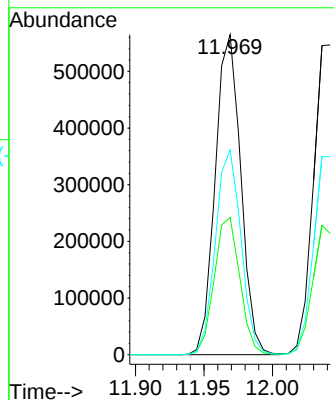


#64
1,3-Dichlorobenzene
Concen: 224.442 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX044741.D
Acq: 28 Jan 2025 11:24

Instrument :
MSVOA_X
ClientSampleId :

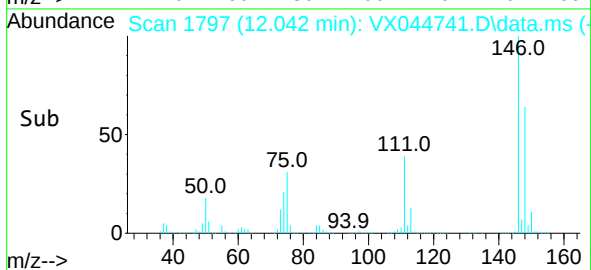
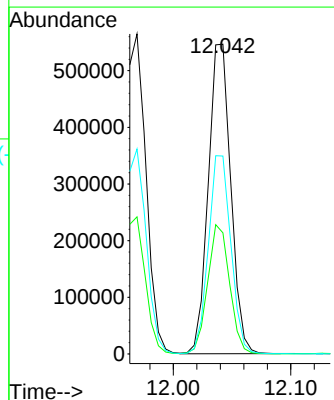
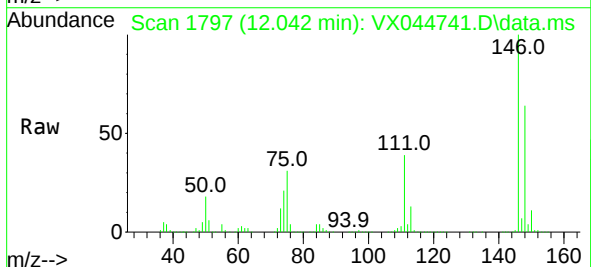


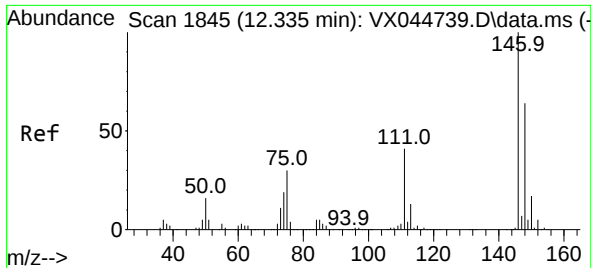
Tgt Ion:146 Resp: 733505
Ion Ratio Lower Upper
146 100
111 42.8 29.5 54.9
148 64.0 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 226.272 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. 0.006 min
Lab File: VX044741.D
Acq: 28 Jan 2025 11:24

Tgt Ion:146 Resp: 728618
Ion Ratio Lower Upper
146 100
111 39.1 29.7 55.1
148 63.9 43.5 80.7

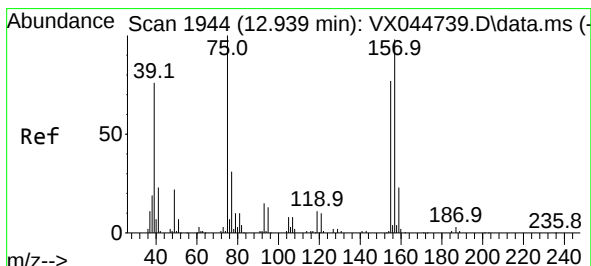
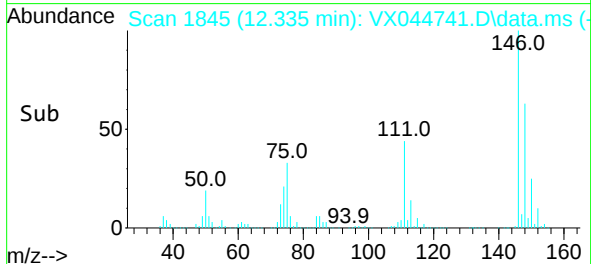
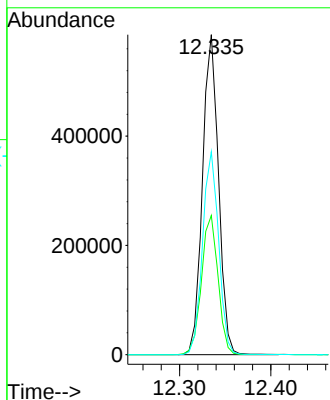
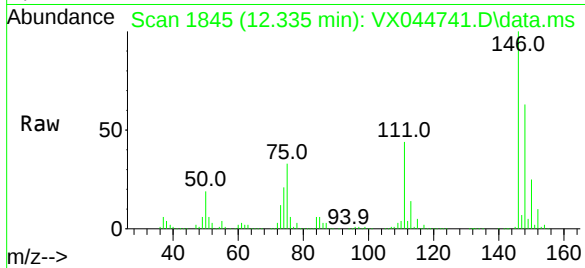




#67
1,2-Dichlorobenzene
Concen: 219.165 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX044741.D
Acq: 28 Jan 2025 11:24

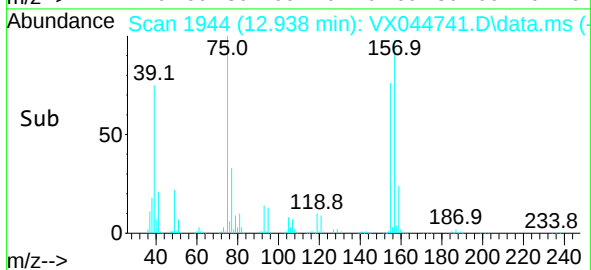
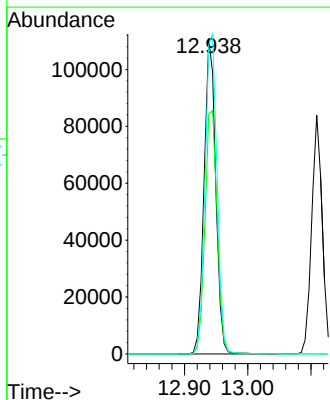
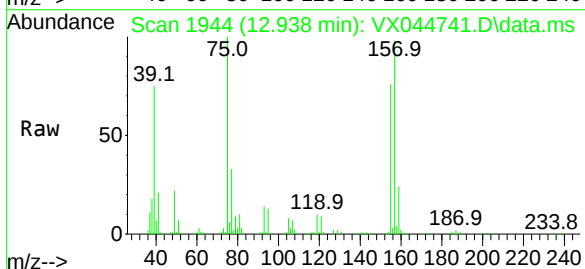
Instrument :
MSVOA_X
ClientSampleId :

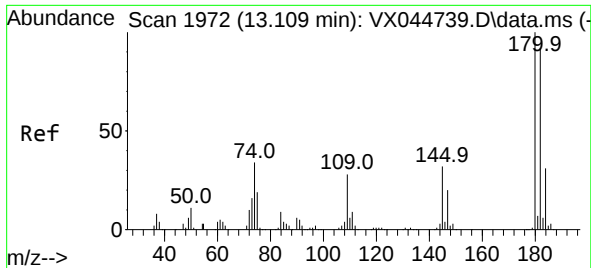
Tgt Ion:146 Resp: 713688
Ion Ratio Lower Upper
146 100
111 43.5 36.1 54.1
148 63.4 51.5 77.3



#68
1,2-Dibromo-3-chloropropane
Concen: 231.556 ug/L
RT: 12.938 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX044741.D
Acq: 28 Jan 2025 11:24

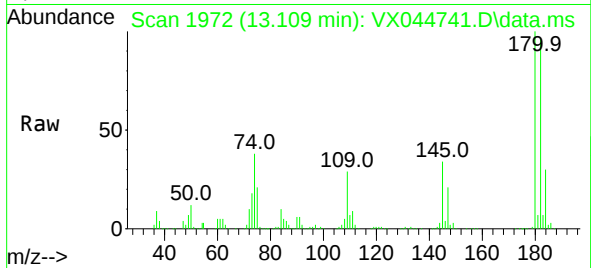
Tgt Ion: 75 Resp: 141731
Ion Ratio Lower Upper
75 100
155 76.2 62.5 93.7
157 98.1 83.5 125.3



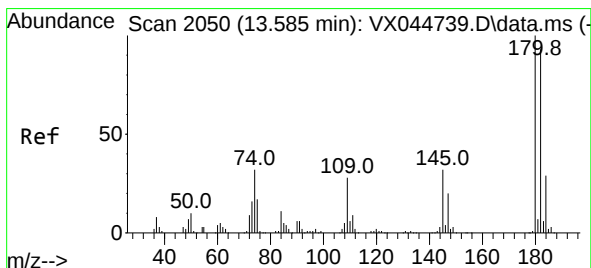
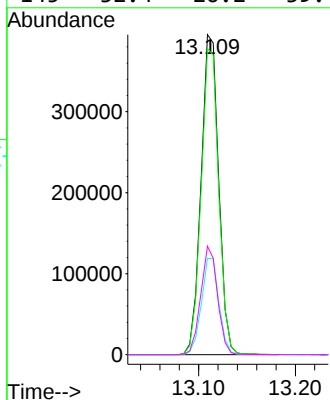


#69
1,3,5-Trichlorobenzene
Concen: 237.722 ug/L
RT: 13.109 min Scan# 1972
Delta R.T. -0.000 min
Lab File: VX044741.D
Acq: 28 Jan 2025 11:24

Instrument :
MSVOA_X
ClientSampleId :

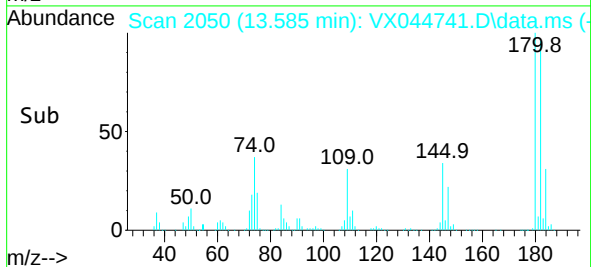
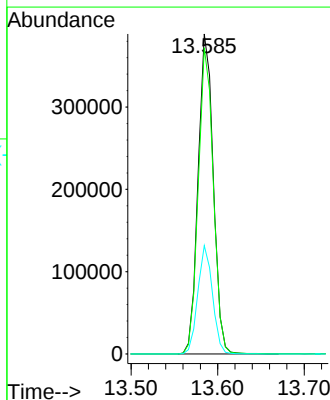
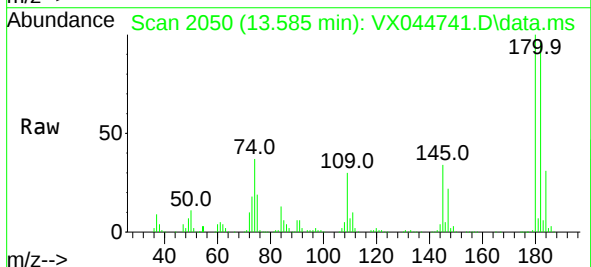


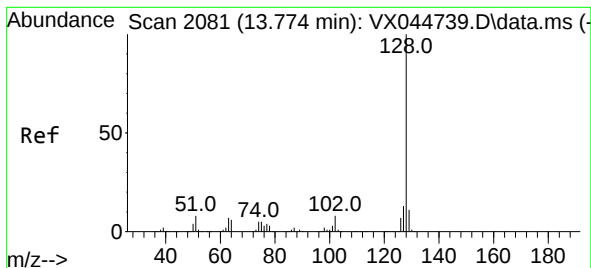
Tgt Ion:	180	Resp:	500357
Ion	Ratio	Lower	Upper
180	100		
182	95.3	77.0	115.6
184	30.1	24.0	36.0
145	32.4	26.2	39.4



#70
1,2,4-trichlorobenzene
Concen: 249.189 ug/L
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX044741.D
Acq: 28 Jan 2025 11:24

Tgt Ion:	180	Resp:	472249
Ion	Ratio	Lower	Upper
180	100		
182	94.9	76.5	114.7
145	32.9	27.0	40.4





#71

Naphthalene

Concen: 237.460 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX044741.D

Acq: 28 Jan 2025 11:24

Instrument :

MSVOA_X

ClientSampleId :

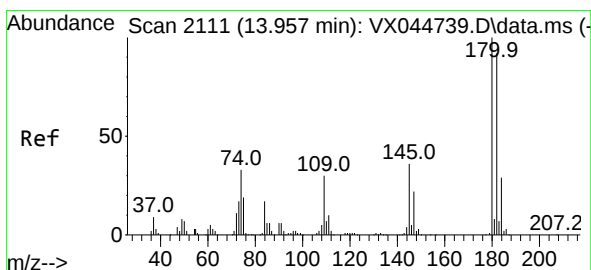
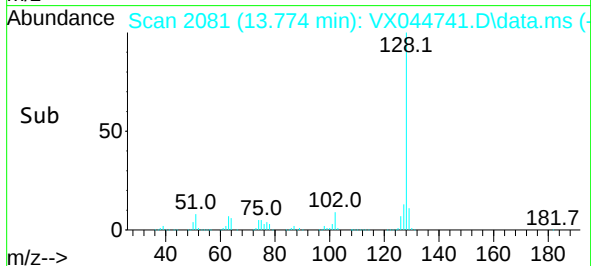
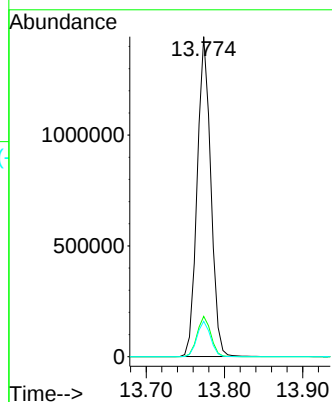
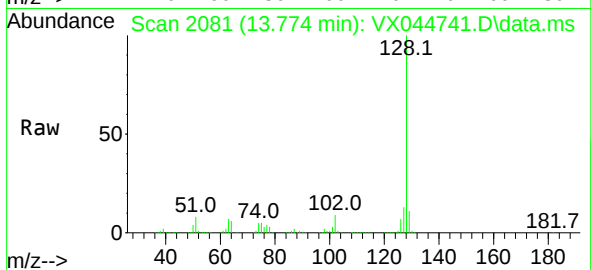
Tgt Ion:128 Resp: 1747727

Ion Ratio Lower Upper

128 100

127 12.7 10.1 15.1

129 11.0 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 238.515 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. 0.006 min

Lab File: VX044741.D

Acq: 28 Jan 2025 11:24

Tgt Ion:180 Resp: 463043

Ion Ratio Lower Upper

180 100

182 94.3 77.1 115.7

145 34.9 28.3 42.5

