

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042325\
 Data File : VX045900.D
 Acq On : 23 Apr 2025 09:24
 Operator : JC/MD
 Sample : VX0423MBL01
 Misc : 5.00g/10.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0423MBL01

Quant Time: Apr 24 02:13:13 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

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

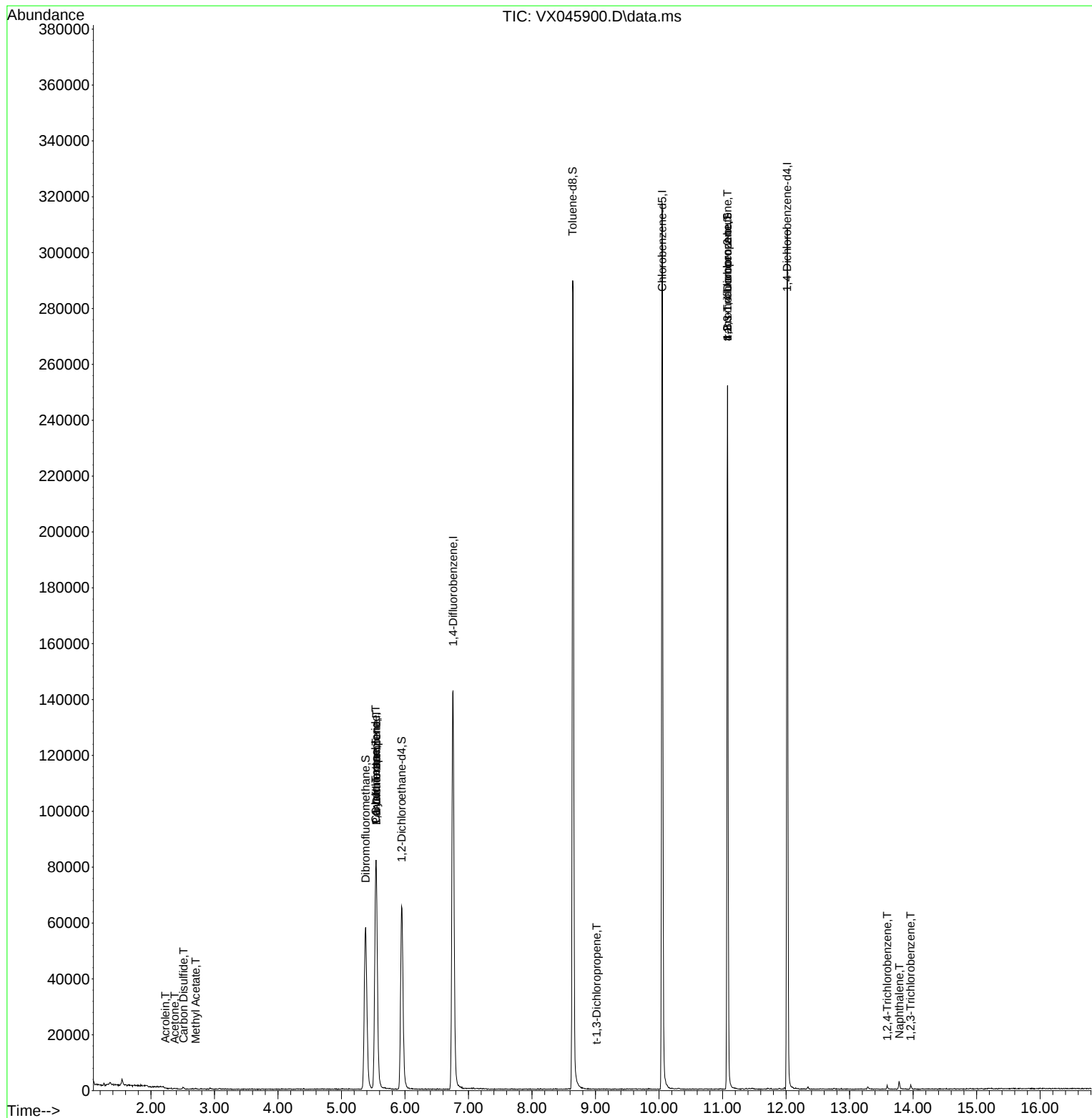
Internal Standards						
1) Pentafluorobenzene	5.550	168	70977	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	138323	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	129125	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	56535	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	68780	52.990	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.980%			
35) Dibromofluoromethane	5.379	113	49303	50.237	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.480%			
50) Toluene-d8	8.641	98	172827	50.453	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.900%			
62) 4-Bromofluorobenzene	11.079	95	67547	54.136	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 108.280%			
Target Compounds						
					Qvalue	
13) Acrolein	2.227	56	88	0.366	ug/l	84
16) Acetone	2.373	43	278	0.522	ug/l #	47
17) Carbon Disulfide	2.514	76	723	0.344	ug/l #	73
18) Methyl Acetate	2.703	43	308	0.251	ug/l #	54
31) Cyclohexane	5.544	56	2041	1.282	ug/l #	11
36) 1,1-Dichloropropene	5.550	75	6687	5.046	ug/l #	51
38) Carbon Tetrachloride	5.538	117	8399	5.865	ug/l #	17
53) t-1,3-Dichloropropene	9.019	75	21	2.303	ug/l #	43
76) 1,2,3-Trichloropropane	11.079	75	38284	27.762	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	38284	94.220	ug/l #	1
93) 1,2,4-Trichlorobenzene	13.591	180	412	0.391	ug/l	82
95) Naphthalene	13.786	128	2549	0.650	ug/l #	88
96) 1,2,3-Trichlorobenzene	13.963	180	505	0.458	ug/l	87

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

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Misc : 5.00g/10.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0423MBL01

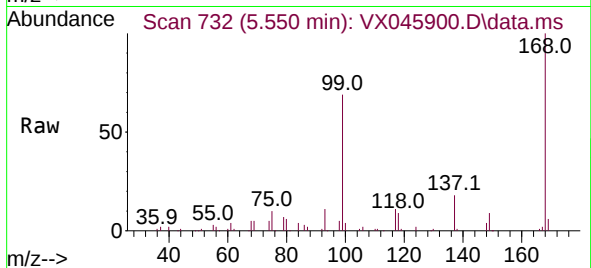
Quant Time: Apr 24 02:13:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration



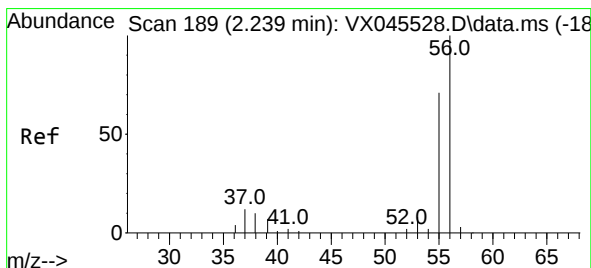
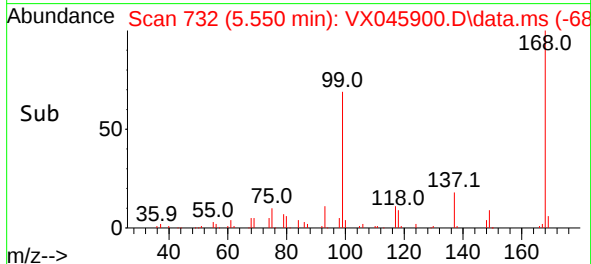
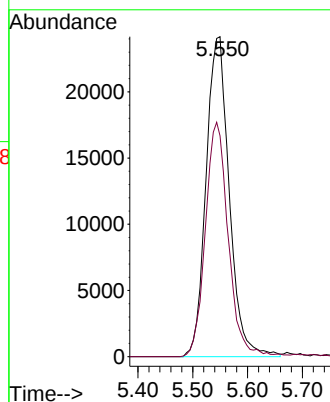


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045900.D
Acq: 23 Apr 2025 09:24

Instrument :
MSVOA_X
ClientSampleId :
VX0423MBL01

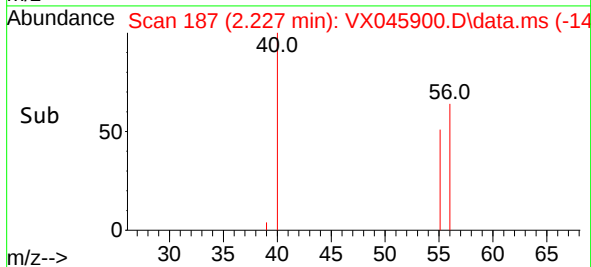
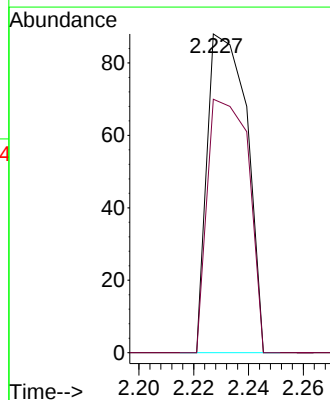
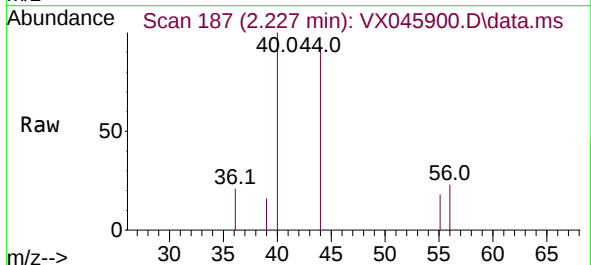


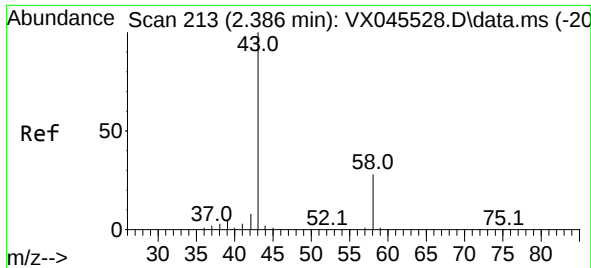
Tgt Ion:168 Resp: 70977
Ion Ratio Lower Upper
168 100
99 69.0 52.3 78.5



#13
Acrolein
Concen: 0.366 ug/l
RT: 2.227 min Scan# 187
Delta R.T. -0.012 min
Lab File: VX045900.D
Acq: 23 Apr 2025 09:24

Tgt Ion: 56 Resp: 88
Ion Ratio Lower Upper
56 100
55 83.0 56.2 84.2





#16

Acetone

Concen: 0.522 ug/l

RT: 2.373 min Scan# 211

Delta R.T. -0.012 min

Lab File: VX045900.D

Acq: 23 Apr 2025 09:24

Instrument :

MSVOA_X

ClientSampleId :

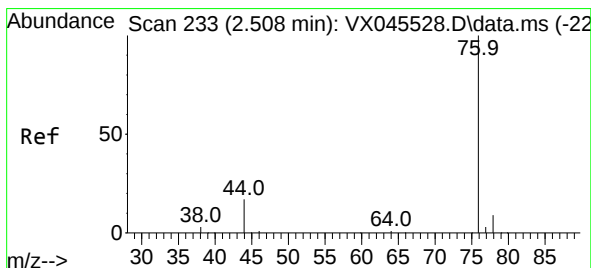
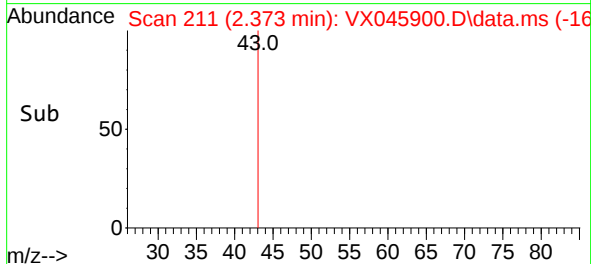
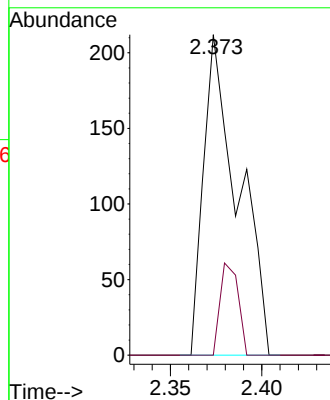
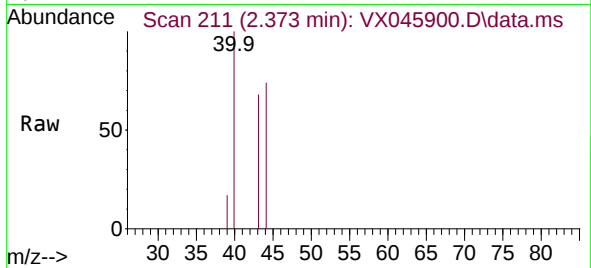
VX0423MBL01

Tgt Ion: 43 Resp: 278

Ion Ratio Lower Upper

43 100

58 0.0 22.3 33.5#



#17

Carbon Disulfide

Concen: 0.344 ug/l

RT: 2.514 min Scan# 234

Delta R.T. 0.006 min

Lab File: VX045900.D

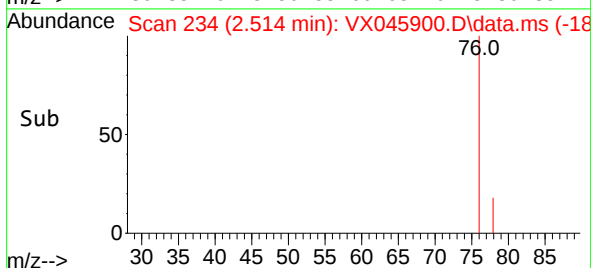
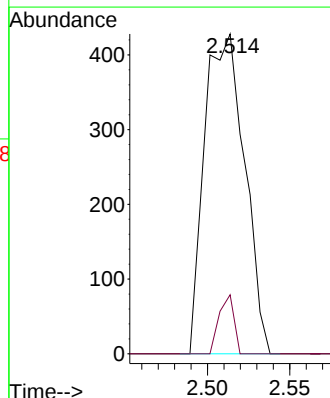
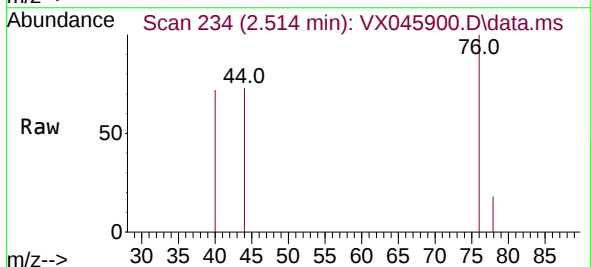
Acq: 23 Apr 2025 09:24

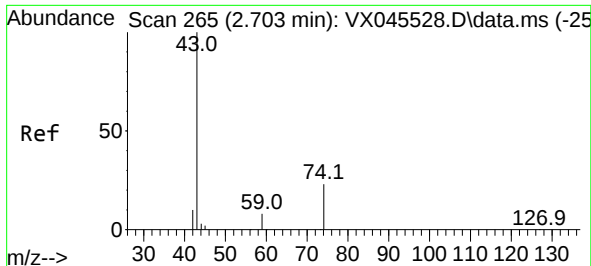
Tgt Ion: 76 Resp: 723

Ion Ratio Lower Upper

76 100

78 18.5 7.0 10.6#

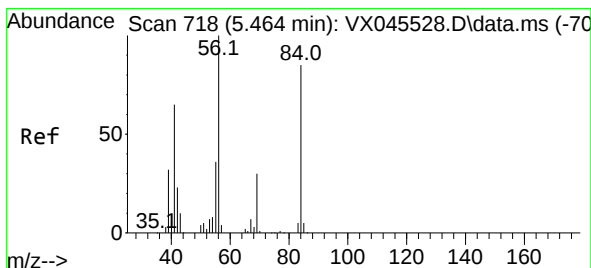
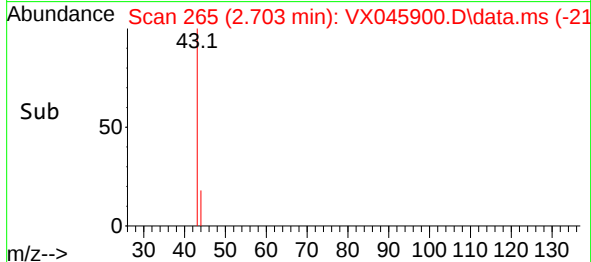
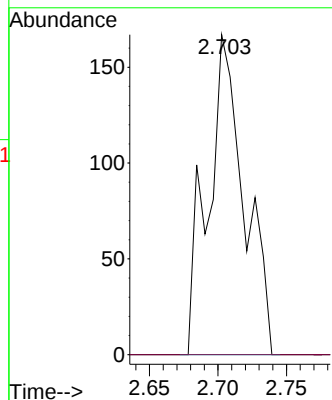
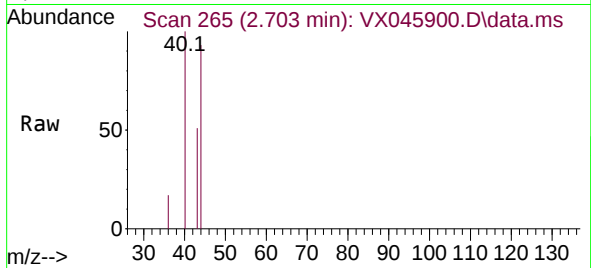




#18
Methyl Acetate
Concen: 0.251 ug/l
RT: 2.703 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX045900.D
Acq: 23 Apr 2025 09:24

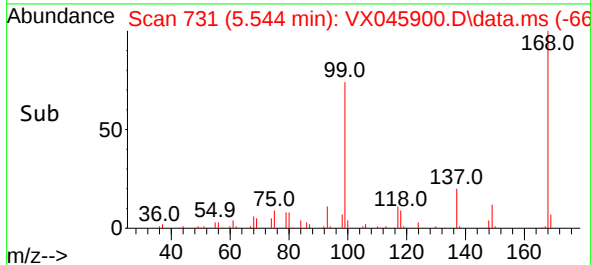
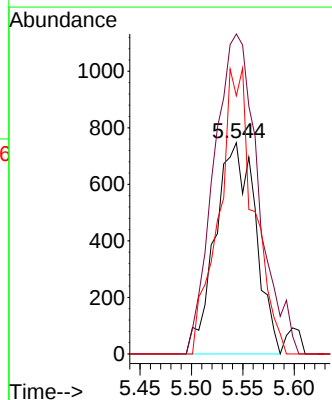
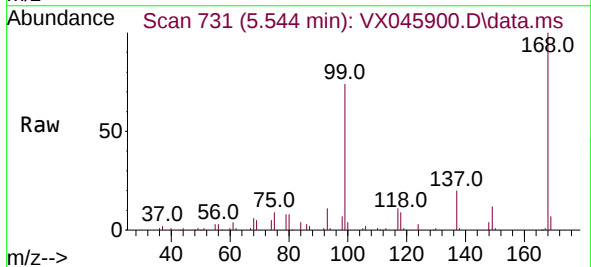
Instrument :
MSVOA_X
ClientSampleId :
VX0423MBL01

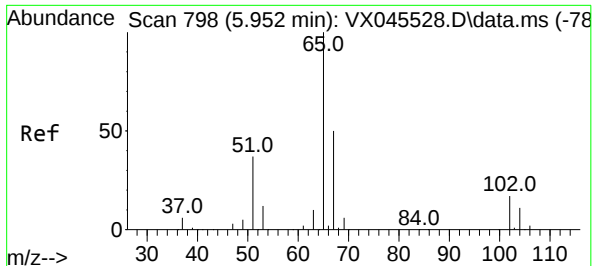
Tgt Ion: 43 Resp: 308
Ion Ratio Lower Upper
43 100
74 0.0 17.5 26.3#



#31
Cyclohexane
Concen: 1.282 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.079 min
Lab File: VX045900.D
Acq: 23 Apr 2025 09:24

Tgt Ion: 56 Resp: 2041
Ion Ratio Lower Upper
56 100
69 151.5 23.6 35.4#
84 122.2 67.7 101.5#





#33

1,2-Dichloroethane-d4

Concen: 52.990 ug/l

RT: 5.946 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX045900.D

Acq: 23 Apr 2025 09:24

Instrument :

MSVOA_X

ClientSampleId :

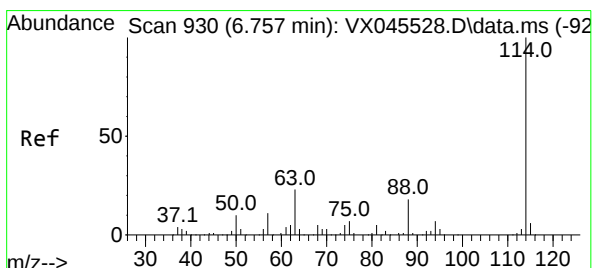
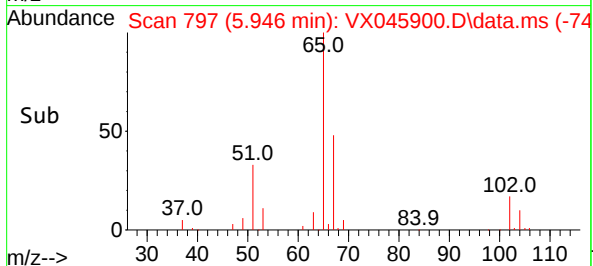
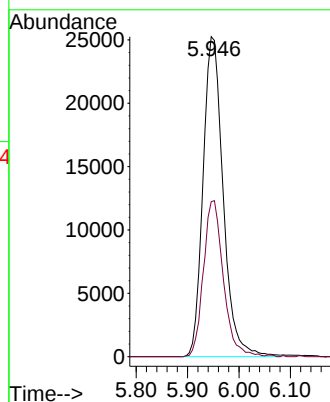
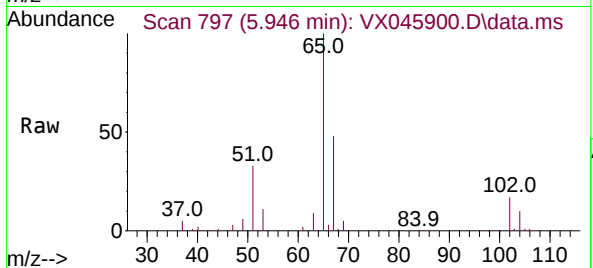
VX0423MBL01

Tgt Ion: 65 Resp: 68780

Ion Ratio Lower Upper

65 100

67 48.2 0.0 99.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX045900.D

Acq: 23 Apr 2025 09:24

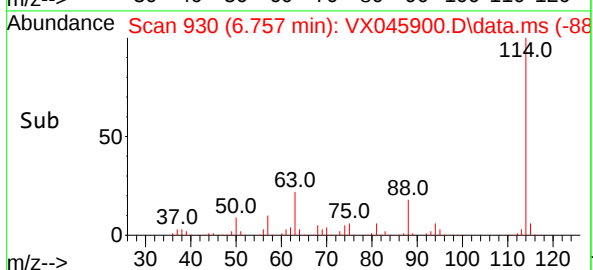
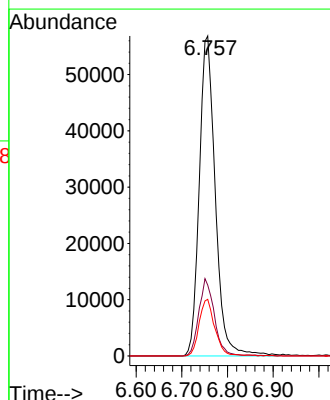
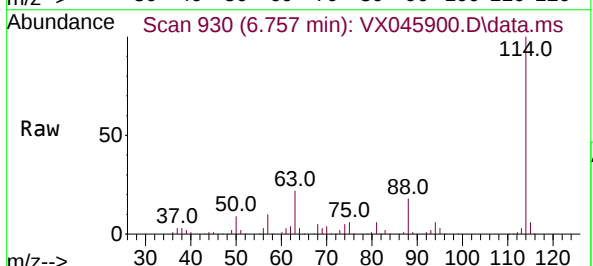
Tgt Ion: 114 Resp: 138323

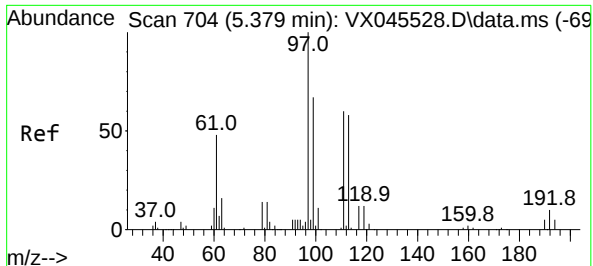
Ion Ratio Lower Upper

114 100

63 22.2 0.0 46.8

88 17.7 0.0 35.4

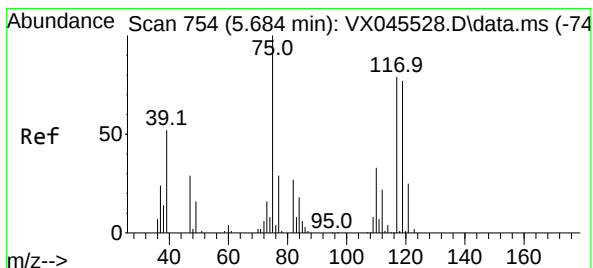
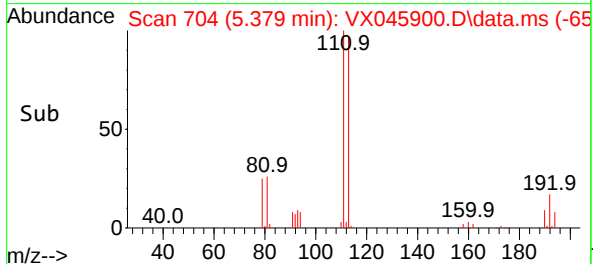
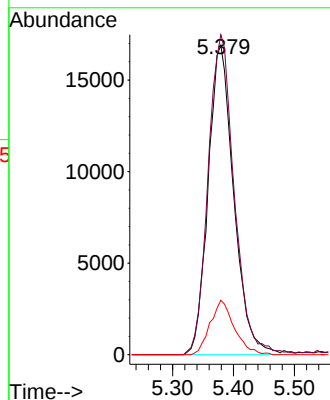
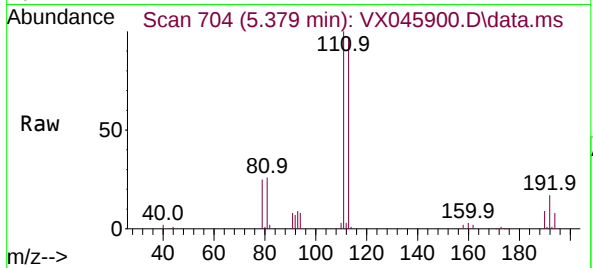




#35
Dibromofluoromethane
Concen: 50.237 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX045900.D
Acq: 23 Apr 2025 09:24

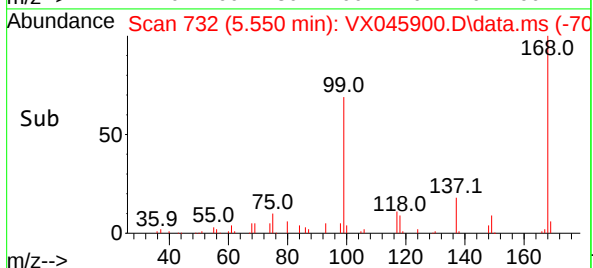
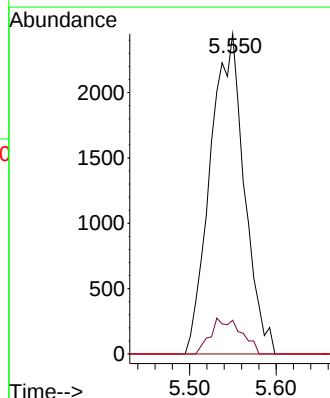
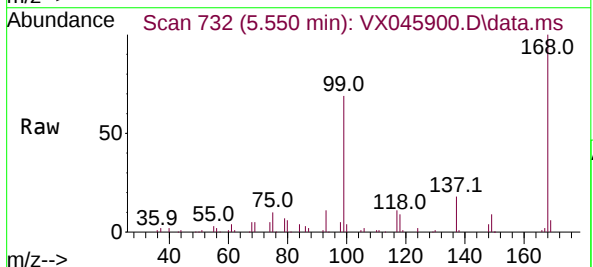
Instrument :
MSVOA_X
ClientSampleId :
VX0423MBL01

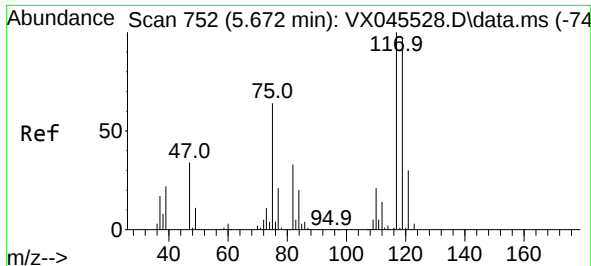
Tgt Ion:113 Resp: 49303
Ion Ratio Lower Upper
113 100
111 105.8 81.8 122.6
192 16.7 13.8 20.6



#36
1,1-Dichloropropene
Concen: 5.046 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX045900.D
Acq: 23 Apr 2025 09:24

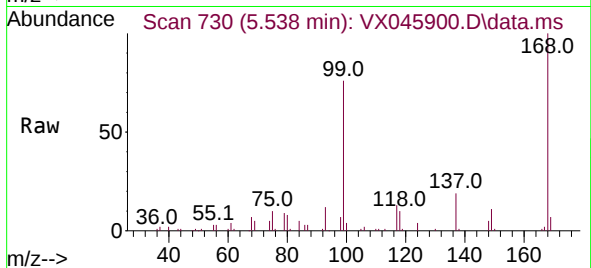
Tgt Ion: 75 Resp: 6687
Ion Ratio Lower Upper
75 100
110 10.0 16.9 50.6#
77 0.0 25.0 37.4#



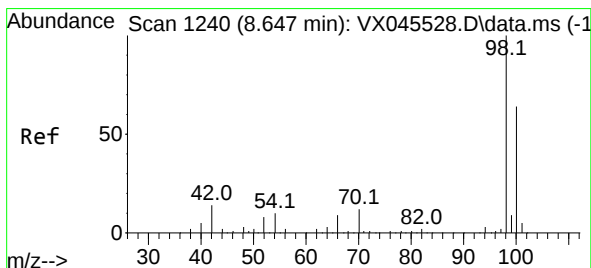
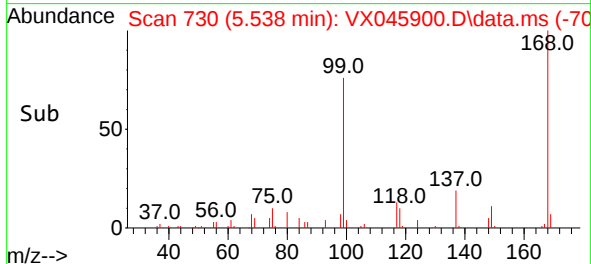
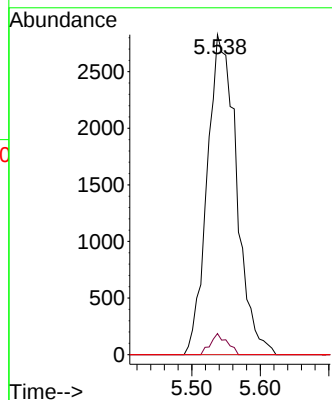


#38
Carbon Tetrachloride
Concen: 5.865 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX045900.D
Acq: 23 Apr 2025 09:24

Instrument :
MSVOA_X
ClientSampleId :
VX0423MBL01

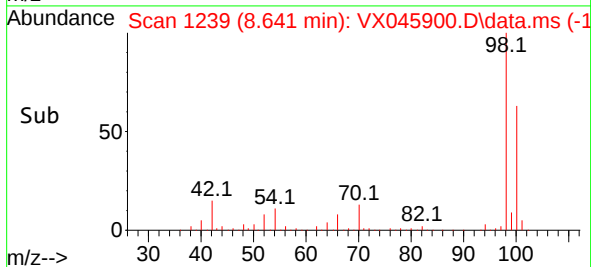
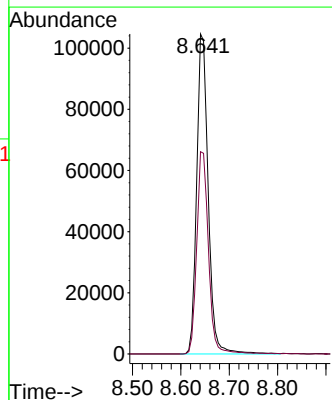
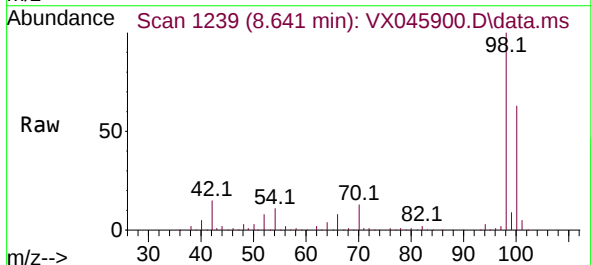


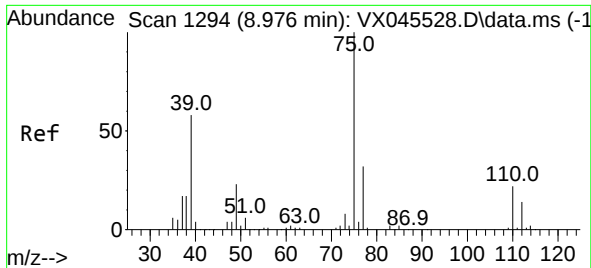
Tgt Ion:117 Resp: 8399
Ion Ratio Lower Upper
117 100
119 6.6 76.9 115.3#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 50.453 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. -0.006 min
Lab File: VX045900.D
Acq: 23 Apr 2025 09:24

Tgt Ion: 98 Resp: 172827
Ion Ratio Lower Upper
98 100
100 64.3 52.2 78.4

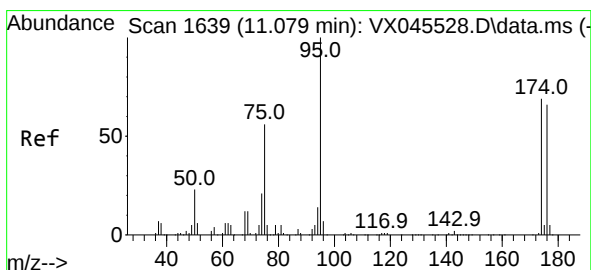
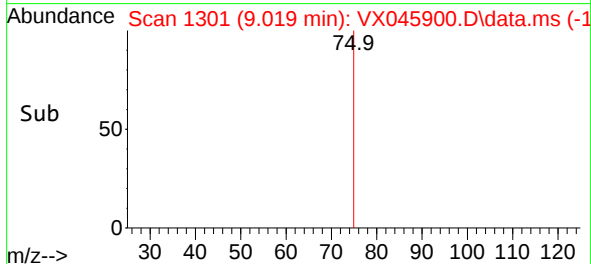
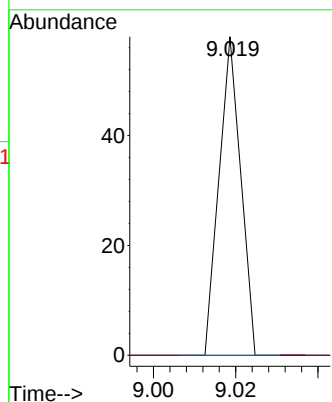
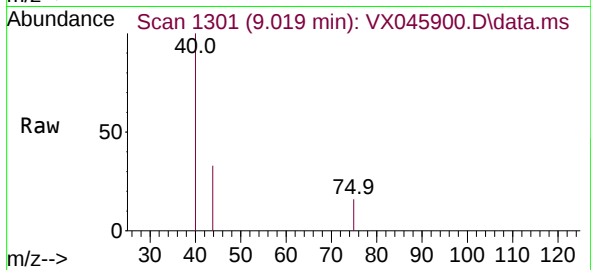




#53
t-1,3-Dichloropropene
Concen: 2.303 ug/l
RT: 9.019 min Scan# 11
Delta R.T. 0.043 min
Lab File: VX045900.D
Acq: 23 Apr 2025 09:24

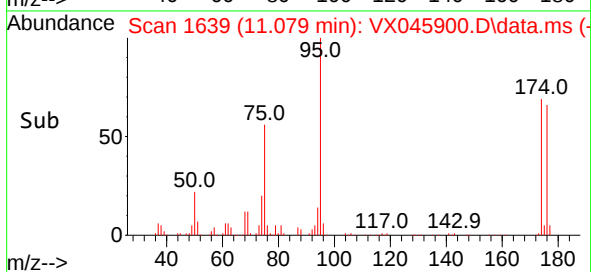
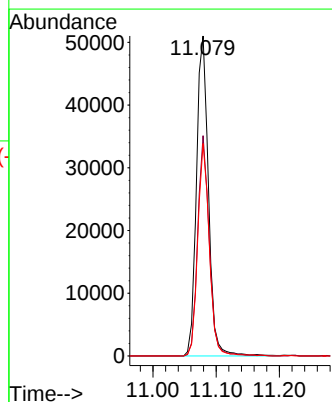
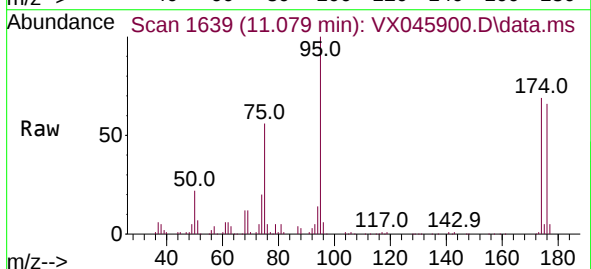
Instrument :
MSVOA_X
ClientSampleId :
VX0423MBL01

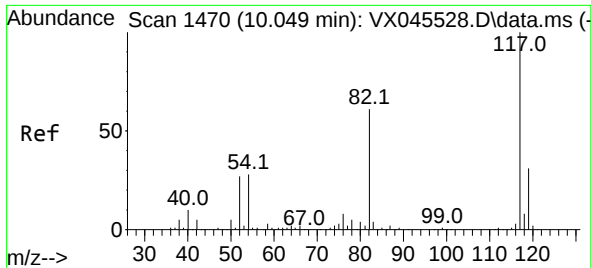
Tgt Ion: 75 Resp: 21
Ion Ratio Lower Upper
75 100
77 0.0 25.4 38.0#



#62
4-Bromofluorobenzene
Concen: 54.136 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045900.D
Acq: 23 Apr 2025 09:24

Tgt Ion: 95 Resp: 67547
Ion Ratio Lower Upper
95 100
174 66.2 0.0 135.8
176 63.9 0.0 131.4

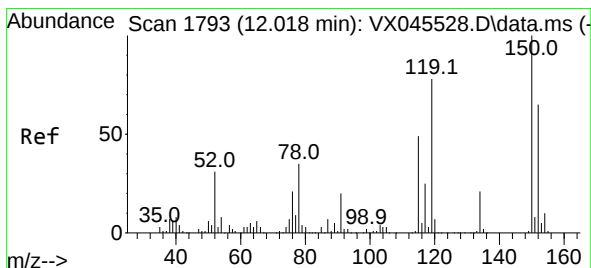
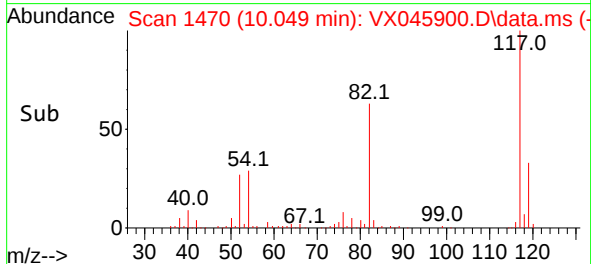
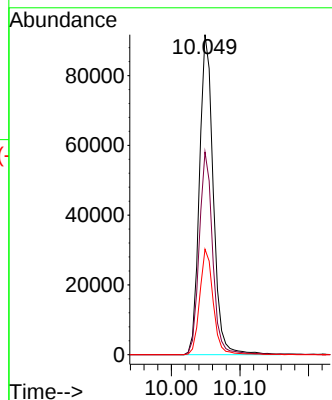
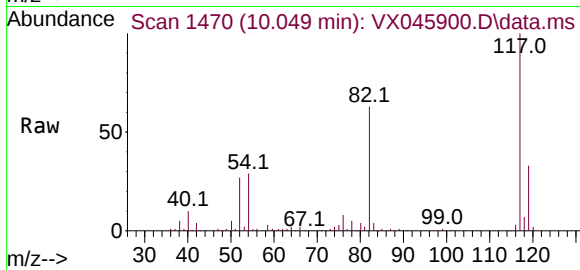




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045900.D
Acq: 23 Apr 2025 09:24

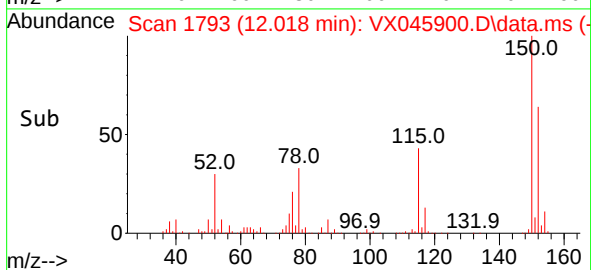
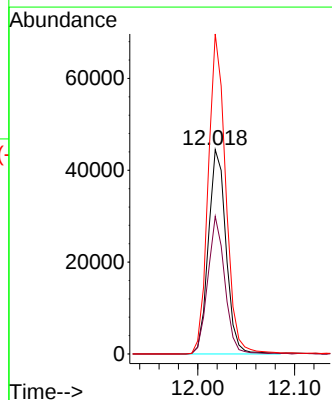
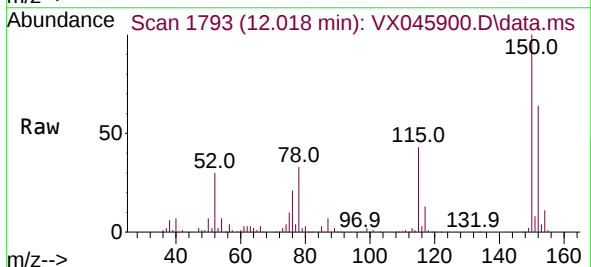
Instrument :
MSVOA_X
ClientSampleId :
VX0423MBL01

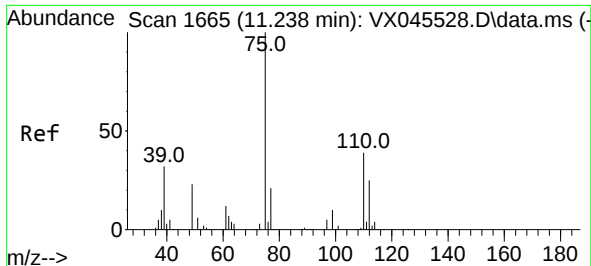
Tgt Ion:117 Resp: 129125
Ion Ratio Lower Upper
117 100
82 63.3 49.2 73.8
119 32.9 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045900.D
Acq: 23 Apr 2025 09:24

Tgt Ion:152 Resp: 56535
Ion Ratio Lower Upper
152 100
115 64.7 46.9 140.7
150 155.6 0.0 349.4

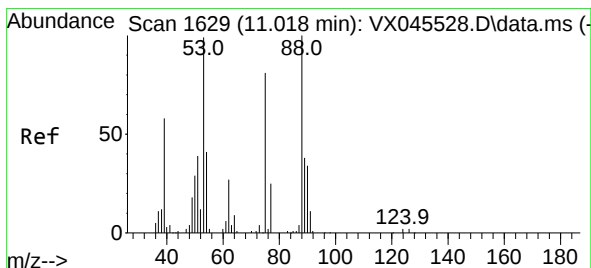
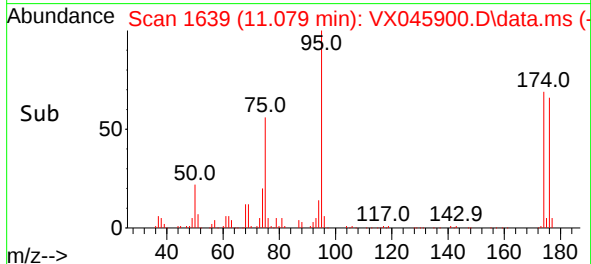
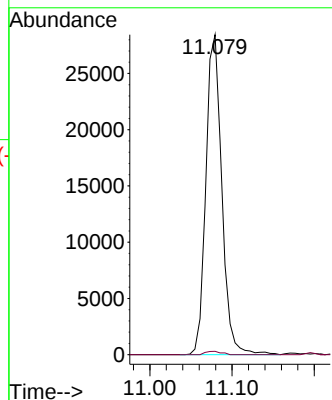
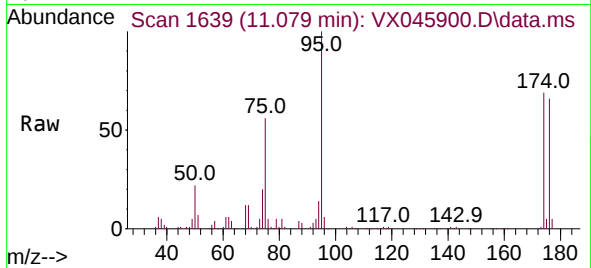




#76
1,2,3-Trichloropropane
Concen: 27.762 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX045900.D
Acq: 23 Apr 2025 09:24

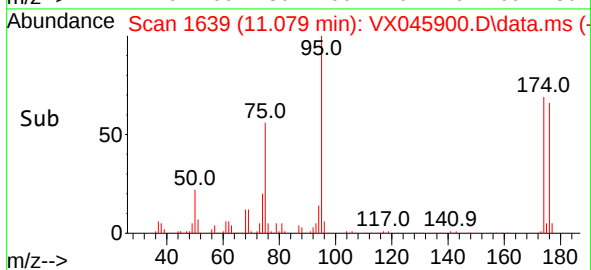
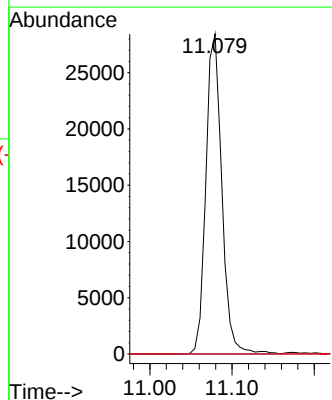
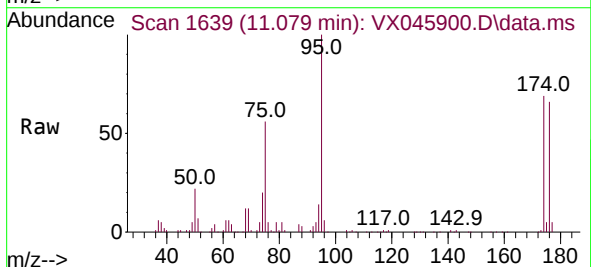
Instrument :
MSVOA_X
ClientSampleId :
VX0423MBL01

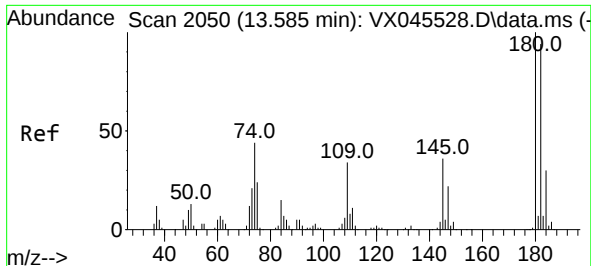
Tgt Ion: 75 Resp: 38284
Ion Ratio Lower Upper
75 100
77 1.1 20.0 59.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 94.220 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX045900.D
Acq: 23 Apr 2025 09:24

Tgt Ion: 75 Resp: 38284
Ion Ratio Lower Upper
75 100
53 0.0 101.8 152.6#
89 0.0 37.2 55.8#

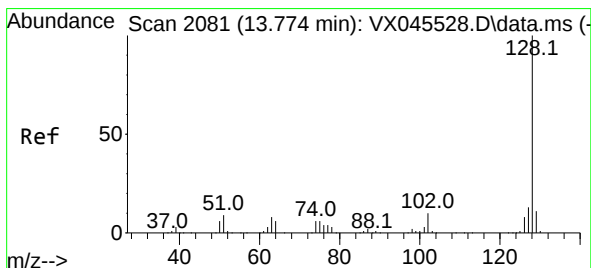
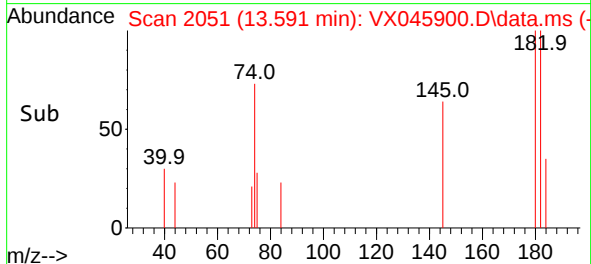
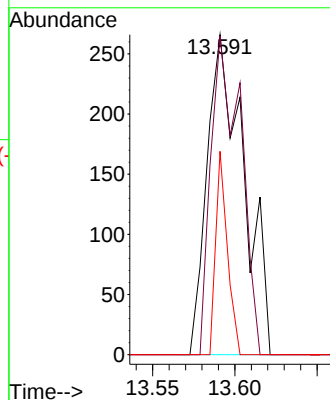
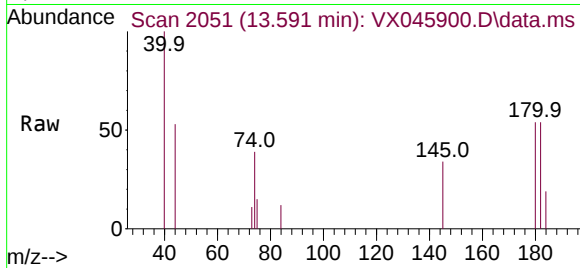




#93
1,2,4-Trichlorobenzene
Concen: 0.391 ug/l
RT: 13.591 min Scan# 2050
Delta R.T. 0.006 min
Lab File: VX045900.D
Acq: 23 Apr 2025 09:24

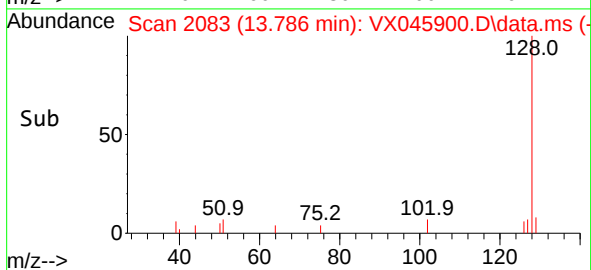
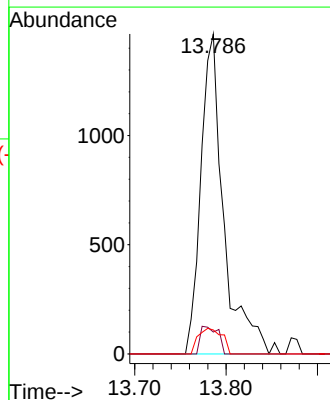
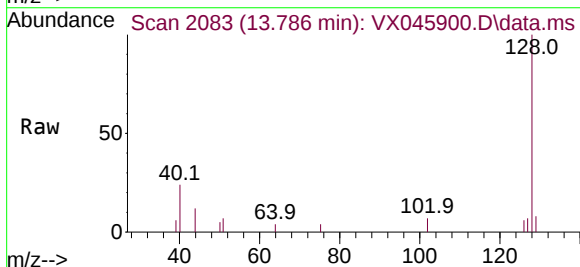
Instrument :
MSVOA_X
ClientSampleId :
VX0423MBL01

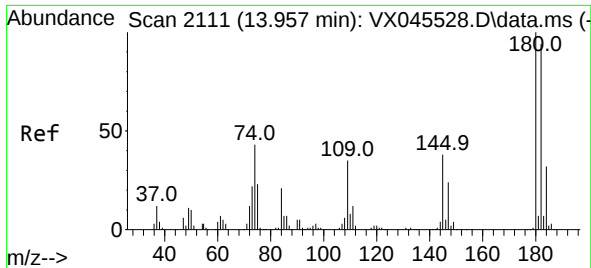
Tgt Ion:180 Resp: 412
Ion Ratio Lower Upper
180 100
182 80.8 47.9 143.6
145 20.1 17.9 53.8



#95
Naphthalene
Concen: 0.650 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.012 min
Lab File: VX045900.D
Acq: 23 Apr 2025 09:24

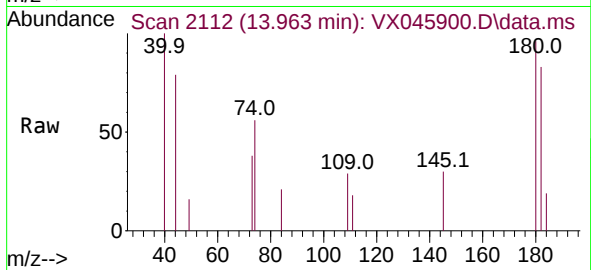
Tgt Ion:128 Resp: 2549
Ion Ratio Lower Upper
128 100
127 6.6 10.3 15.5#
129 8.3 8.6 12.8#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.458 ug/l
 RT: 13.963 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VX045900.D
 Acq: 23 Apr 2025 09:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0423MBL01



Tgt Ion:	180	Resp:	505
Ion	Ratio	Lower	Upper
180	100		
182	87.3	47.3	141.8
145	21.2	18.2	54.6

