

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041725\
 Data File : VX045826.D
 Acq On : 17 Apr 2025 14:22
 Operator : JC/MD
 Sample : Q1816-01 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 18 03:39:09 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)

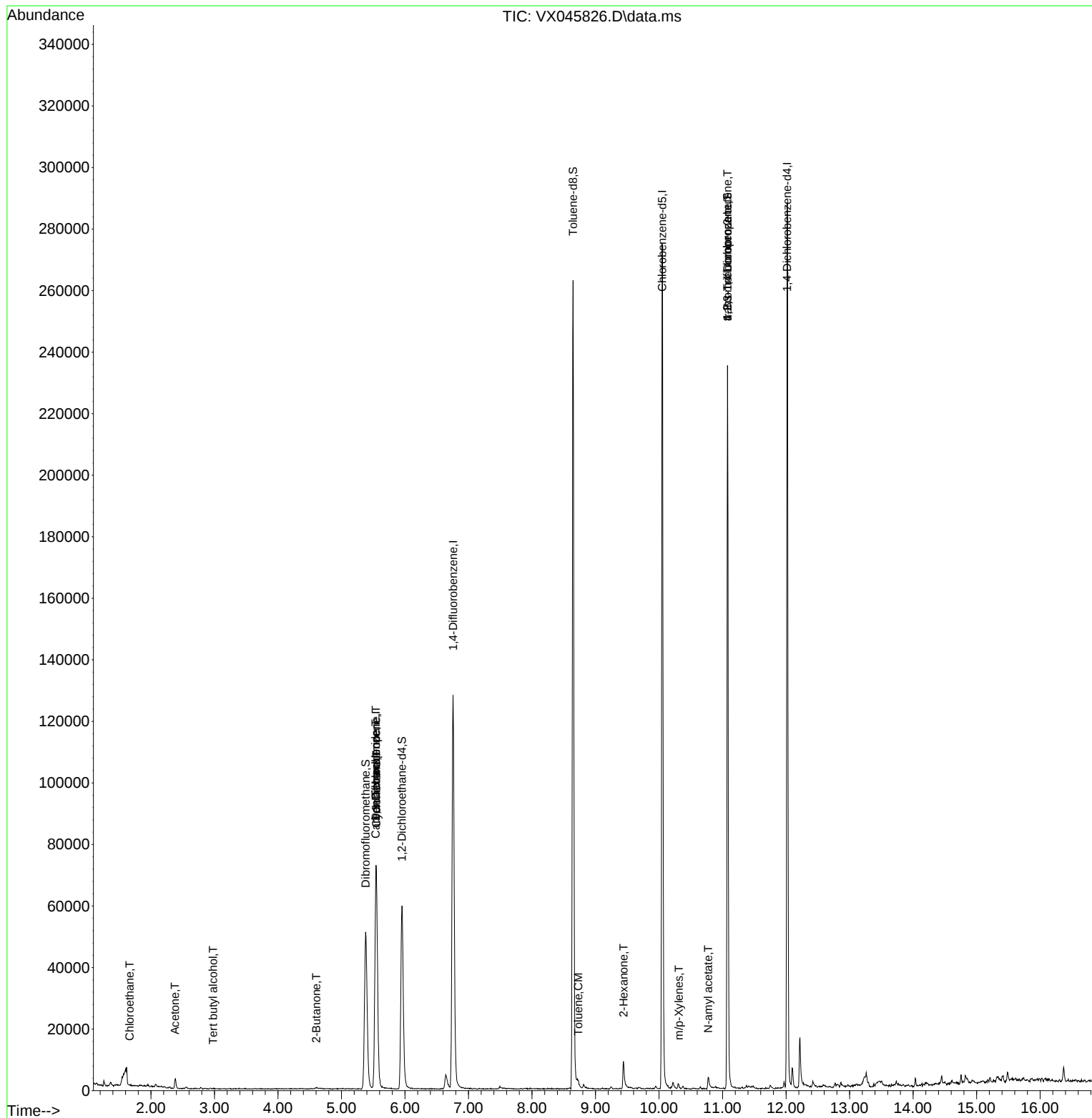
Internal Standards							
1) Pentafluorobenzene		5.544	168	61554	50.000	ug/l	0.00
34) 1,4-Difluorobenzene		6.757	114	122462	50.000	ug/l	0.00
63) Chlorobenzene-d5		10.049	117	116871	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4		12.018	152	52291	50.000	ug/l	0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4		5.952	65	61631	54.751	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.500%		
35) Dibromofluoromethane		5.379	113	44669	51.411	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.820%		
50) Toluene-d8		8.647	98	153305	50.551	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.100%		
62) 4-Bromofluorobenzene		11.079	95	61687	55.843	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 111.680%		
Target Compounds							
						Qvalue	
6) Chloroethane		1.666	64	124	0.270	ug/l #	42
11) Tert butyl alcohol		2.977	59	146	0.965	ug/l #	72
16) Acetone		2.380	43	3598	7.784	ug/l	90
25) 2-Butanone		4.605	43	781	1.154	ug/l	91
31) Cyclohexane		5.550	56	1906	1.380	ug/l #	32
36) 1,1-Dichloropropene		5.544	75	6085	5.187	ug/l #	50
38) Carbon Tetrachloride		5.538	117	7418	5.851	ug/l #	15
52) Toluene		8.726	92	617	0.285	ug/l	89
59) 2-Hexanone		9.439	43	6913	6.285	ug/l	100
68) m/p-Xylenes		10.311	106	379	0.233	ug/l #	57
74) N-amyl acetate		10.774	43	3250	1.622	ug/l #	49
76) 1,2,3-Trichloropropane		11.079	75	35502	27.834	ug/l #	37
81) trans-1,4-Dichloro-2-b...		11.079	75	35502	94.464	ug/l #	1

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

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ClientSampleId :

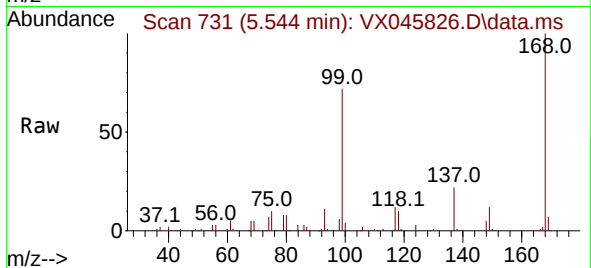
Quant Time: Apr 18 03:39:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration



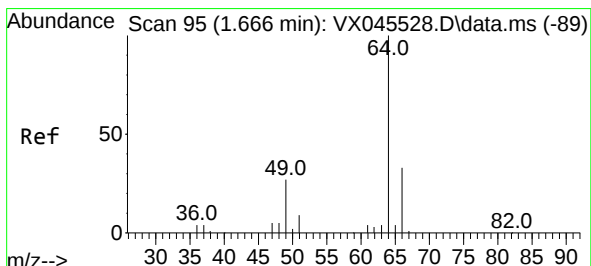
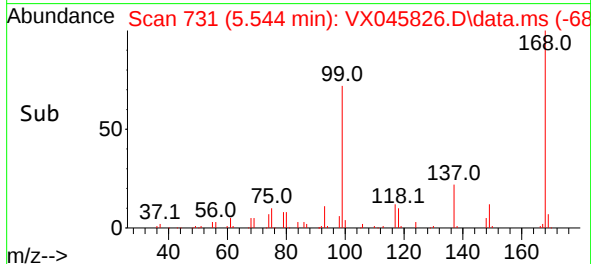
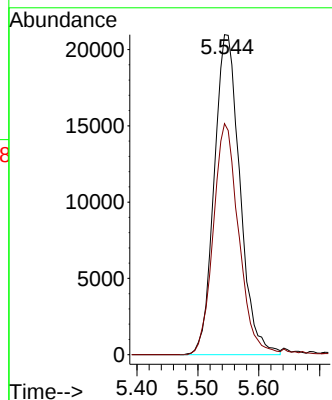


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045826.D
Acq: 17 Apr 2025 14:22

Instrument :
MSVOA_X
ClientSampleId :

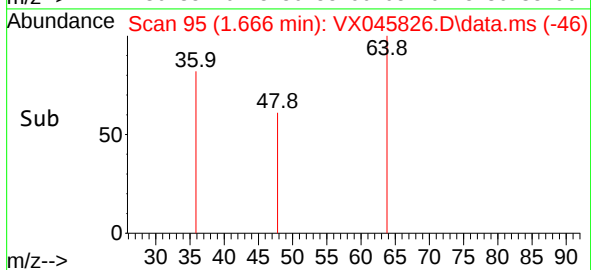
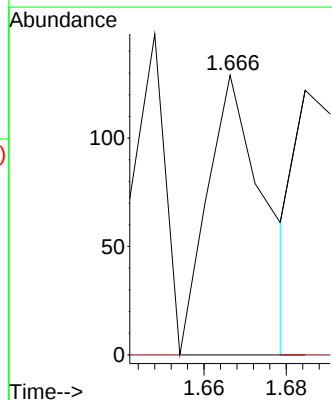
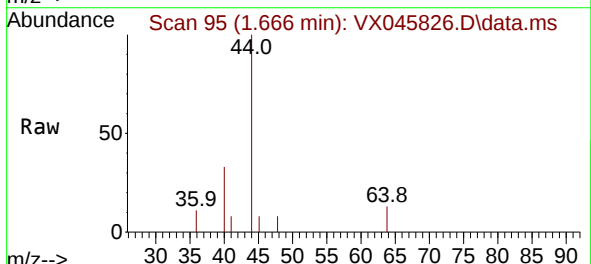


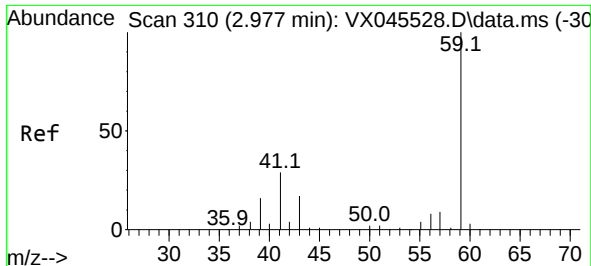
Tgt Ion:168 Resp: 61554
Ion Ratio Lower Upper
168 100
99 72.2 52.3 78.5



#6
Chloroethane
Concen: 0.270 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.000 min
Lab File: VX045826.D
Acq: 17 Apr 2025 14:22

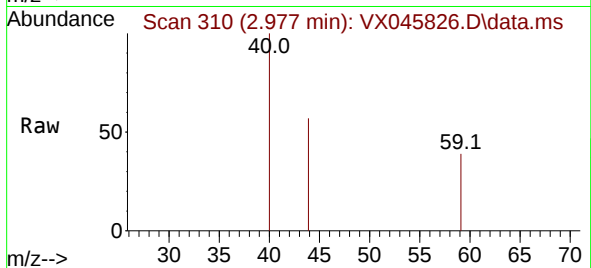
Tgt Ion: 64 Resp: 124
Ion Ratio Lower Upper
64 100
66 0.0 26.3 39.5#



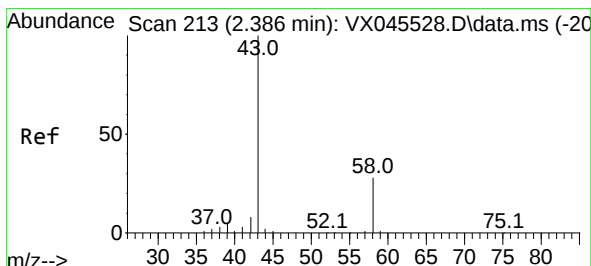
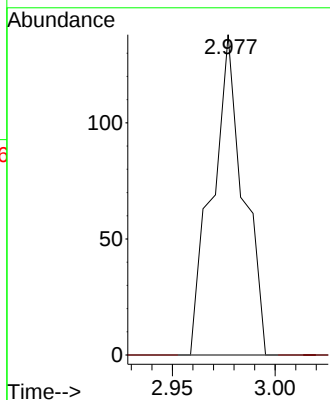
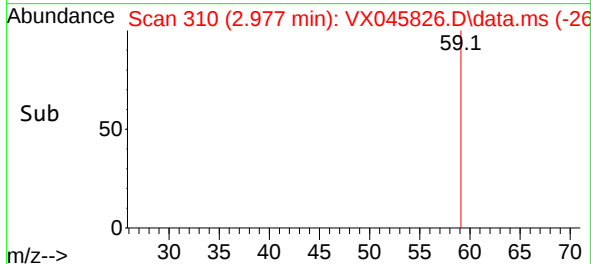


#11
Tert butyl alcohol
Concen: 0.965 ug/l
RT: 2.977 min Scan# 310
Delta R.T. 0.000 min
Lab File: VX045826.D
Acq: 17 Apr 2025 14:22

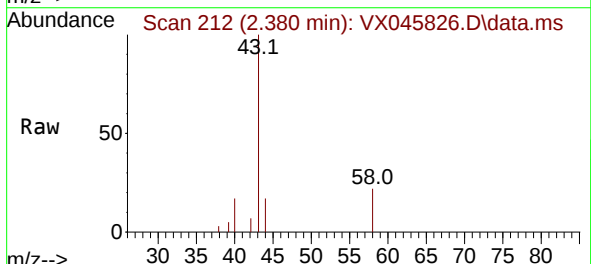
Instrument :
MSVOA_X
ClientSampleId :



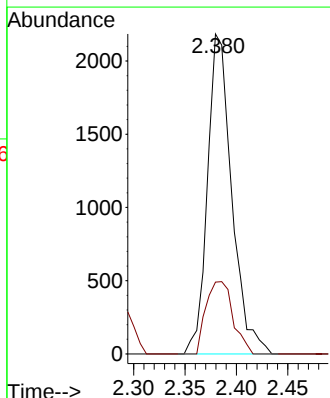
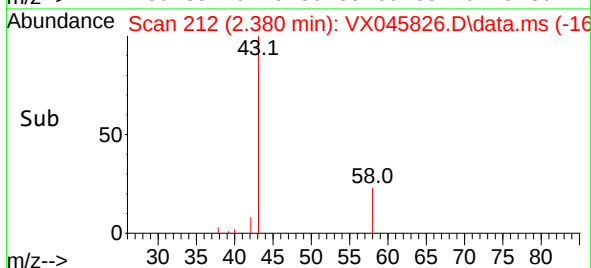
Tgt Ion: 59 Resp: 146
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#



#16
Acetone
Concen: 7.784 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045826.D
Acq: 17 Apr 2025 14:22



Tgt Ion: 43 Resp: 3598
Ion Ratio Lower Upper
43 100
58 22.4 22.3 33.5

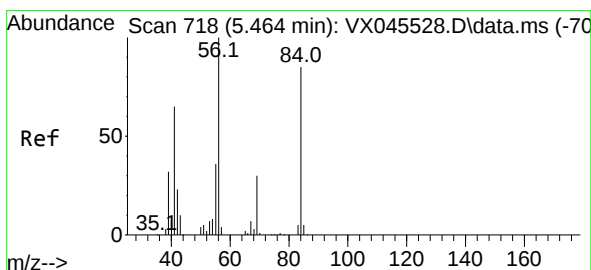
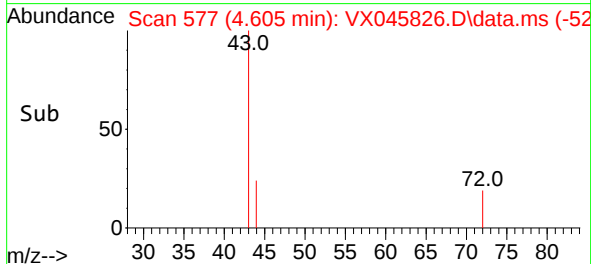
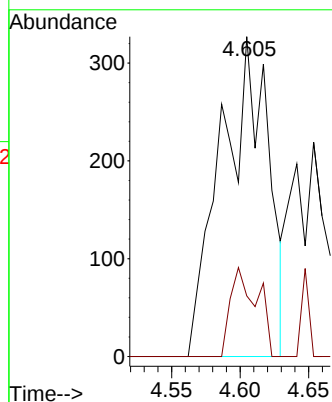
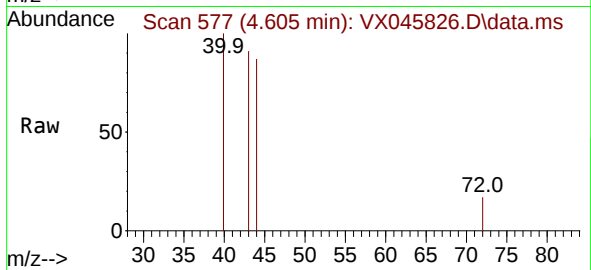




#25
2-Butanone
Concen: 1.154 ug/l
RT: 4.605 min Scan# 51
Delta R.T. 0.049 min
Lab File: VX045826.D
Acq: 17 Apr 2025 14:22

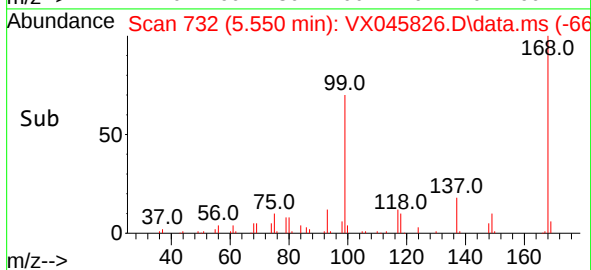
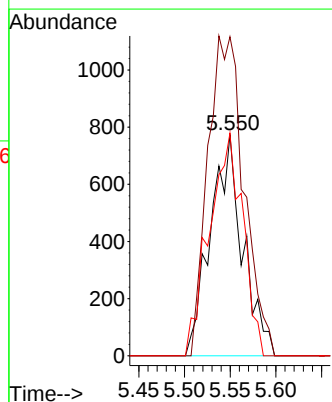
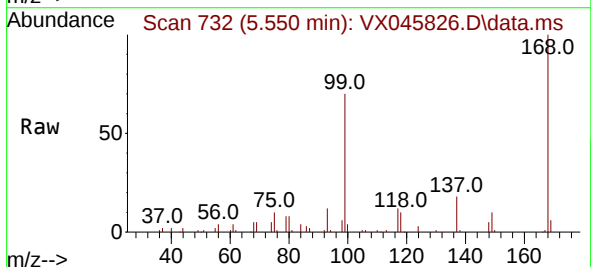
Instrument :
MSVOA_X
ClientSampleId :

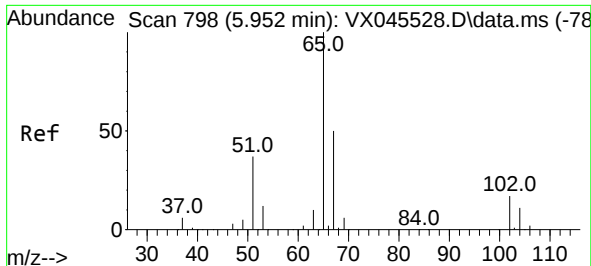
Tgt Ion: 43 Resp: 781
Ion Ratio Lower Upper
43 100
72 19.0 18.6 28.0



#31
Cyclohexane
Concen: 1.380 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.085 min
Lab File: VX045826.D
Acq: 17 Apr 2025 14:22

Tgt Ion: 56 Resp: 1906
Ion Ratio Lower Upper
56 100
69 144.2 23.6 35.4#
84 100.6 67.7 101.5





#33

1,2-Dichloroethane-d4

Concen: 54.751 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045826.D

Acq: 17 Apr 2025 14:22

Instrument :

MSVOA_X

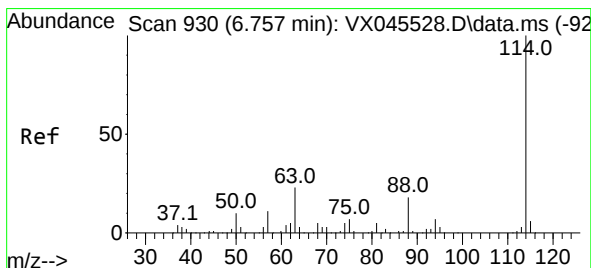
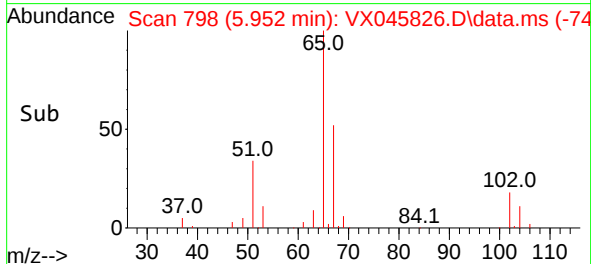
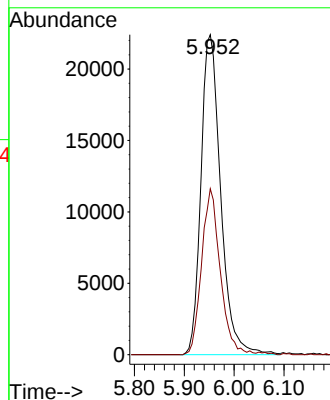
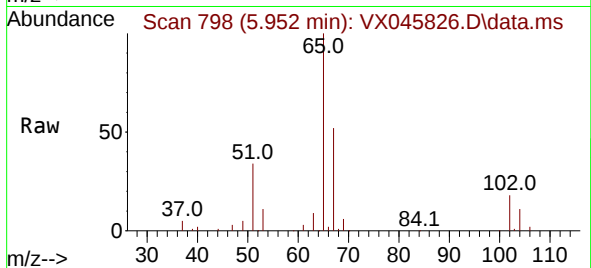
ClientSampleId :

Tgt Ion: 65 Resp: 61631

Ion Ratio Lower Upper

65 100

67 48.9 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: VX045826.D

Acq: 17 Apr 2025 14:22

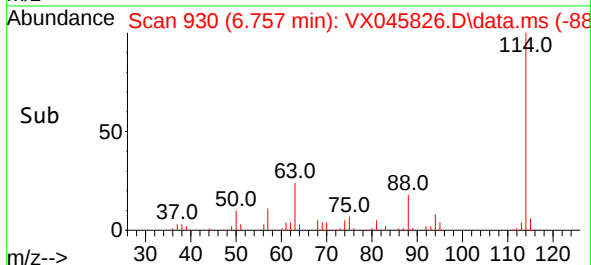
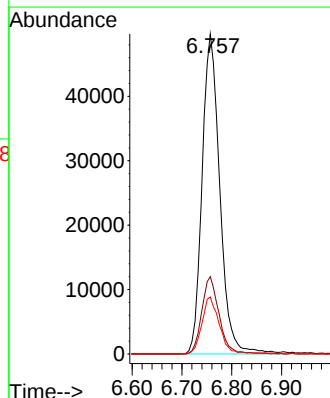
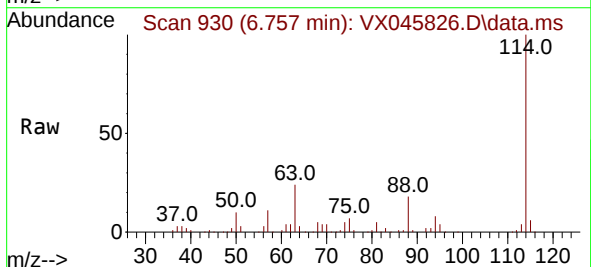
Tgt Ion: 114 Resp: 122462

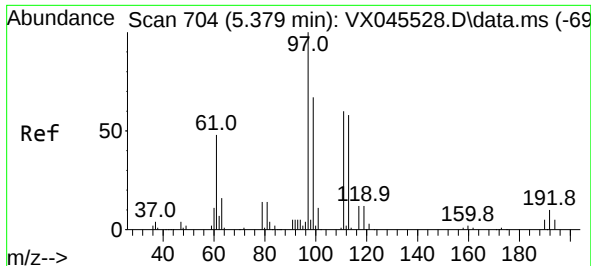
Ion Ratio Lower Upper

114 100

63 24.1 0.0 46.8

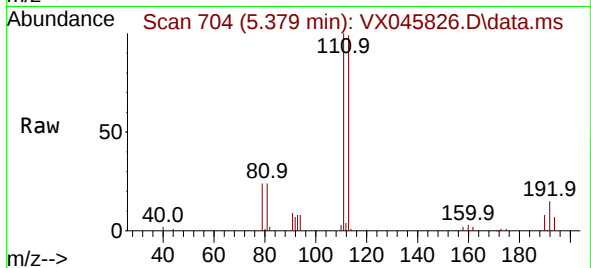
88 17.8 0.0 35.4



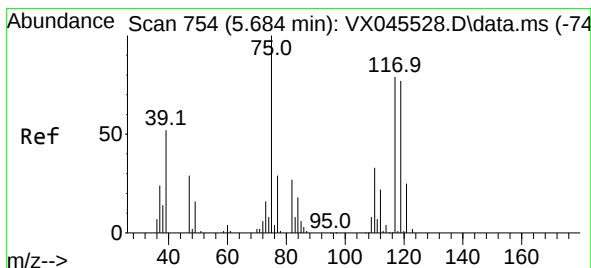
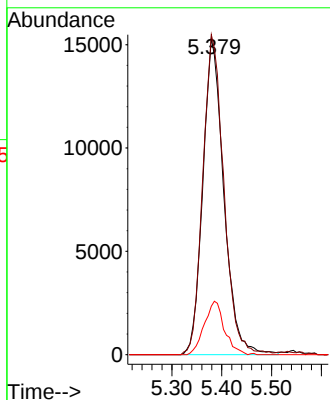
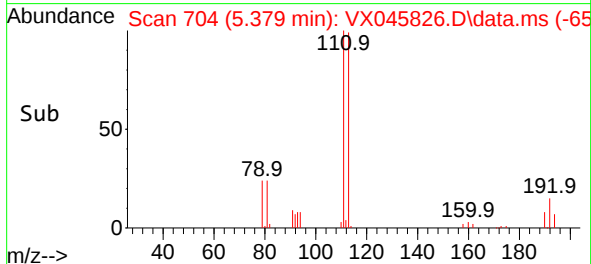


#35
Dibromofluoromethane
Concen: 51.411 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX045826.D
Acq: 17 Apr 2025 14:22

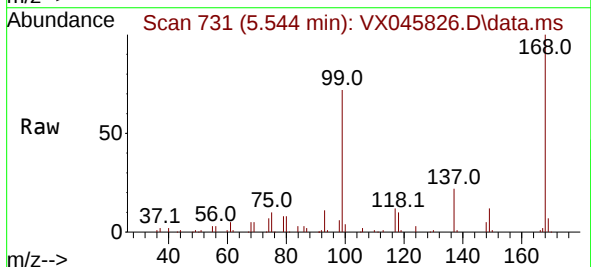
Instrument :
MSVOA_X
ClientSampleId :



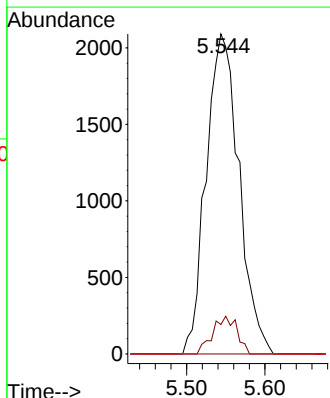
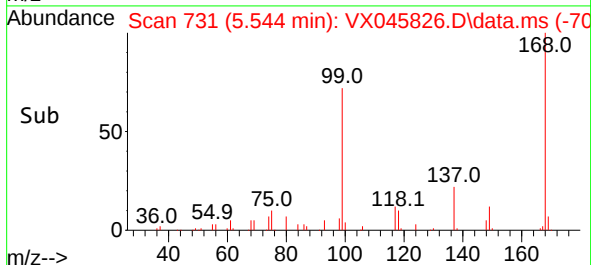
Tgt Ion:113 Resp: 44669
Ion Ratio Lower Upper
113 100
111 101.5 81.8 122.6
192 16.2 13.8 20.6

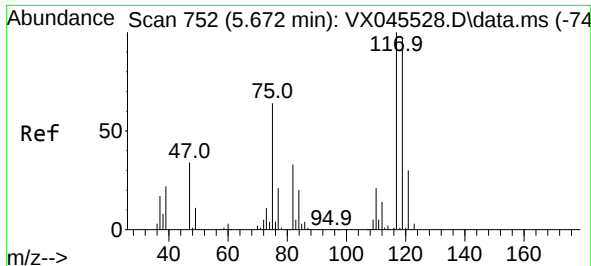


#36
1,1-Dichloropropene
Concen: 5.187 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.140 min
Lab File: VX045826.D
Acq: 17 Apr 2025 14:22



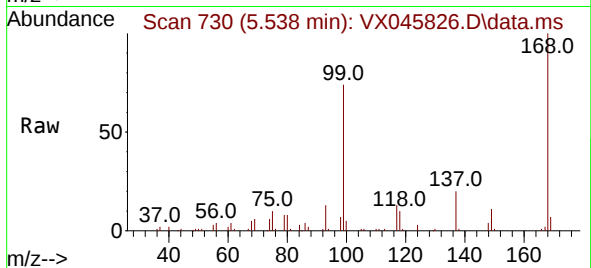
Tgt Ion: 75 Resp: 6085
Ion Ratio Lower Upper
75 100
110 8.7 16.9 50.6#
77 0.0 25.0 37.4#



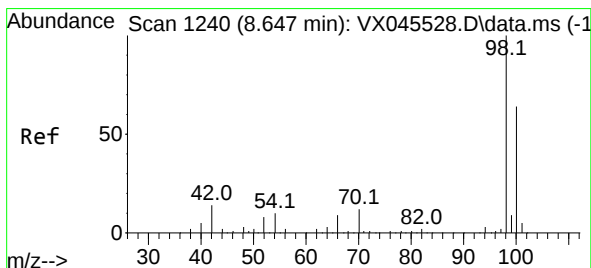
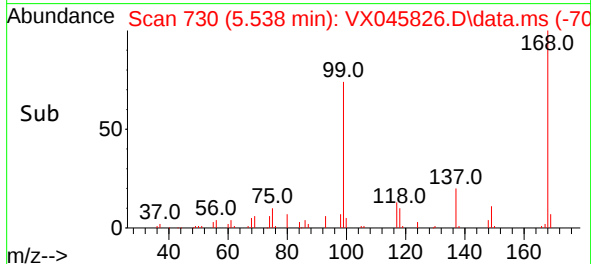
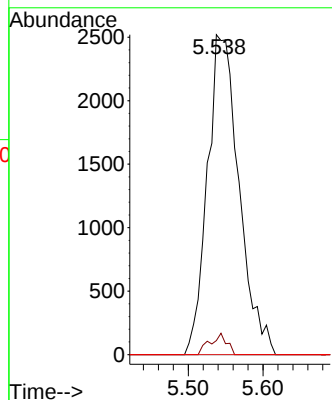


#38
Carbon Tetrachloride
Concen: 5.851 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX045826.D
Acq: 17 Apr 2025 14:22

Instrument :
MSVOA_X
ClientSampleId :

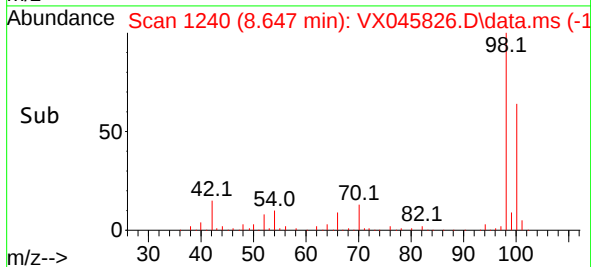
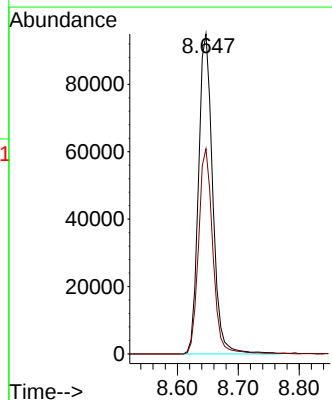
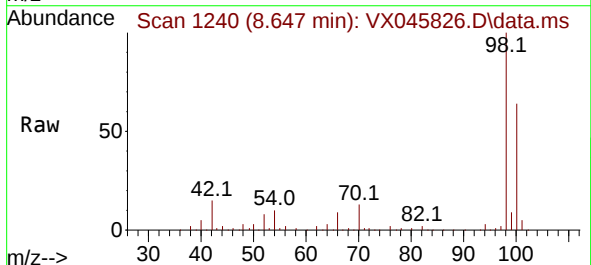


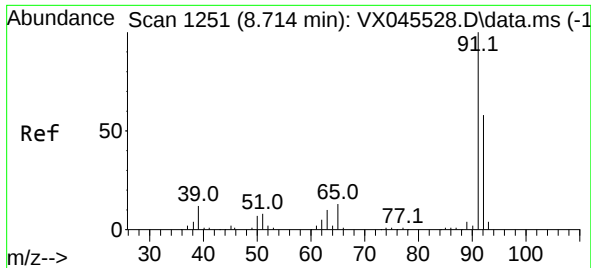
Tgt Ion:117 Resp: 7418
Ion Ratio Lower Upper
117 100
119 4.4 76.9 115.3#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 50.551 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045826.D
Acq: 17 Apr 2025 14:22

Tgt Ion: 98 Resp: 153305
Ion Ratio Lower Upper
98 100
100 64.7 52.2 78.4





#52

Toluene

Concen: 0.285 ug/l

RT: 8.726 min Scan# 11

Delta R.T. 0.012 min

Lab File: VX045826.D

Acq: 17 Apr 2025 14:22

Instrument :

MSVOA_X

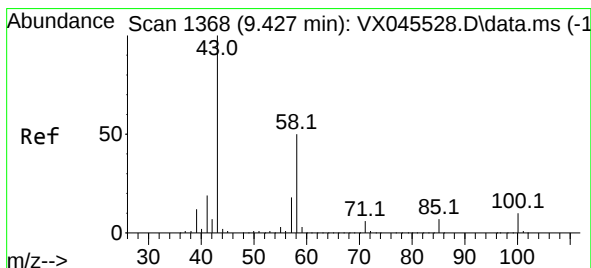
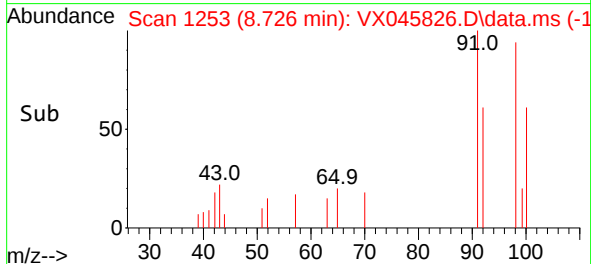
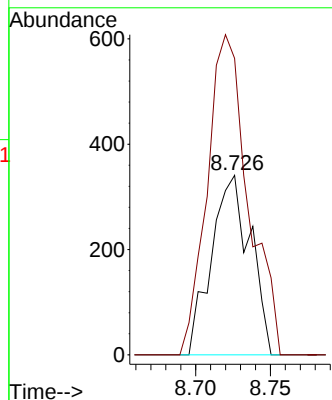
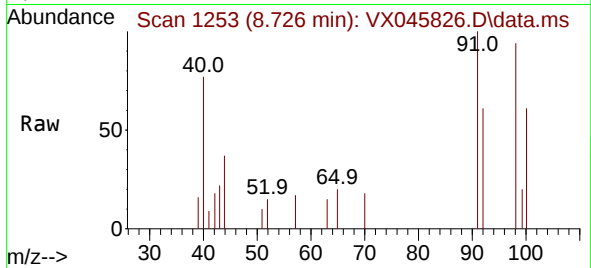
ClientSampleId :

Tgt Ion: 92 Resp: 617

Ion Ratio Lower Upper

92 100

91 188.2 138.7 208.1



#59

2-Hexanone

Concen: 6.285 ug/l

RT: 9.439 min Scan# 1370

Delta R.T. 0.012 min

Lab File: VX045826.D

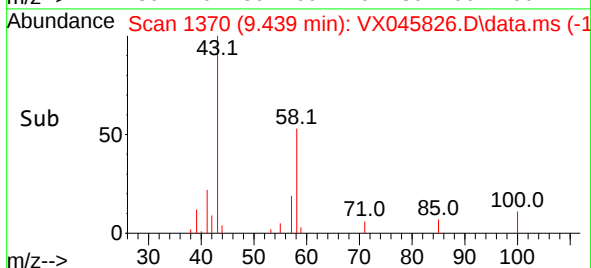
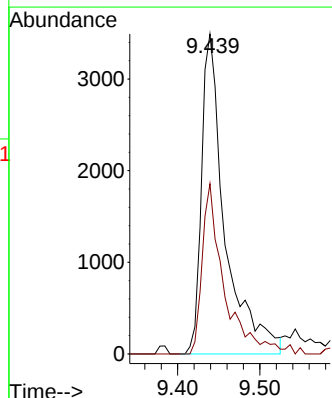
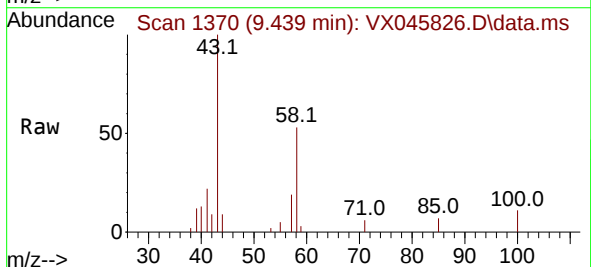
Acq: 17 Apr 2025 14:22

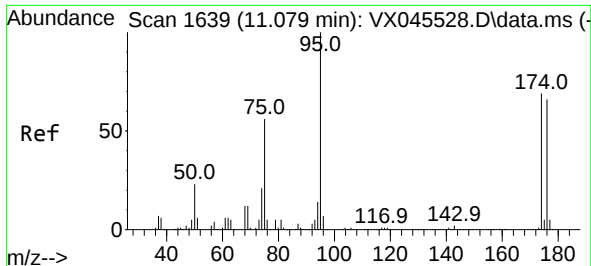
Tgt Ion: 43 Resp: 6913

Ion Ratio Lower Upper

43 100

58 49.6 24.9 74.6

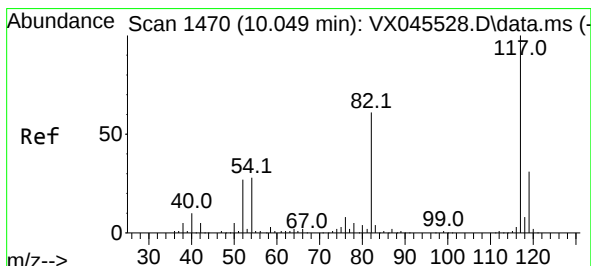
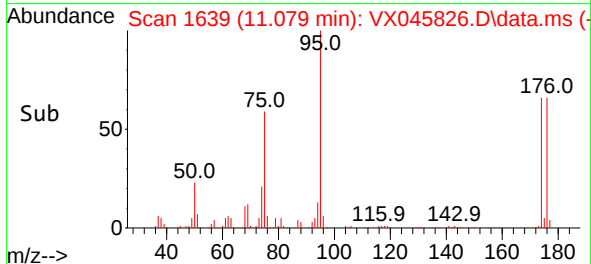
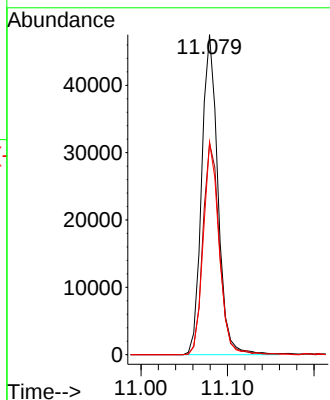
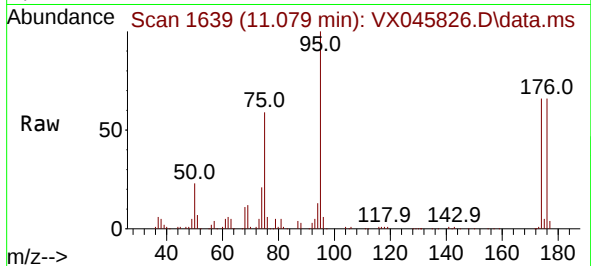




#62
4-Bromofluorobenzene
Concen: 55.843 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045826.D
Acq: 17 Apr 2025 14:22

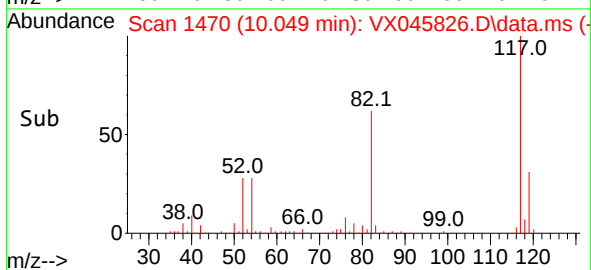
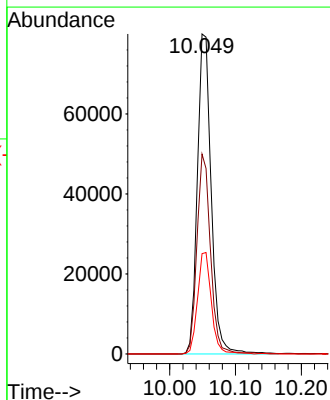
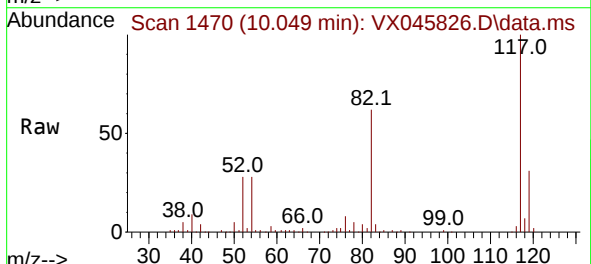
Instrument :
MSVOA_X
ClientSampleId :

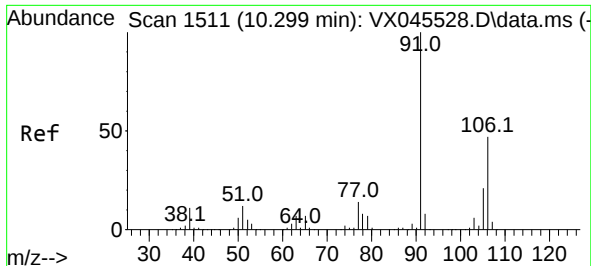
Tgt Ion: 95 Resp: 61687
Ion Ratio Lower Upper
95 100
174 67.5 0.0 135.8
176 65.1 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045826.D
Acq: 17 Apr 2025 14:22

Tgt Ion: 117 Resp: 116871
Ion Ratio Lower Upper
117 100
82 62.5 49.2 73.8
119 31.3 25.1 37.7

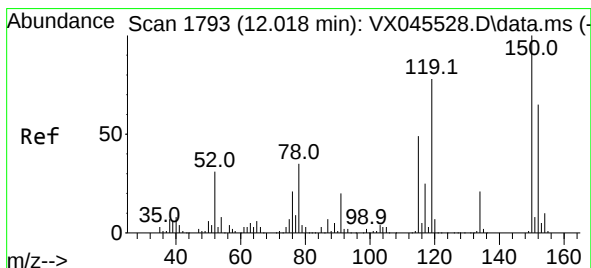
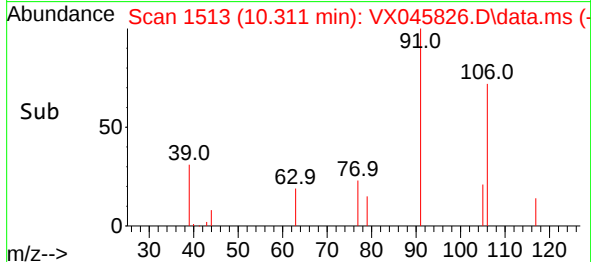
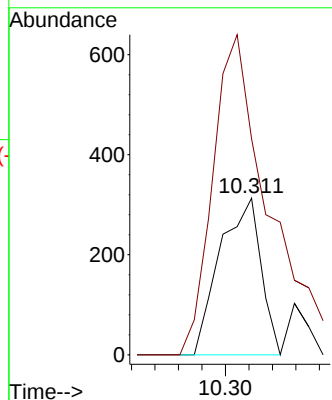
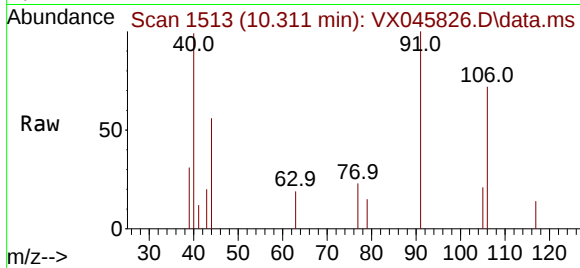




#68
m/p-Xylenes
Concen: 0.233 ug/l
RT: 10.311 min Scan# 1511
Delta R.T. 0.012 min
Lab File: VX045826.D
Acq: 17 Apr 2025 14:22

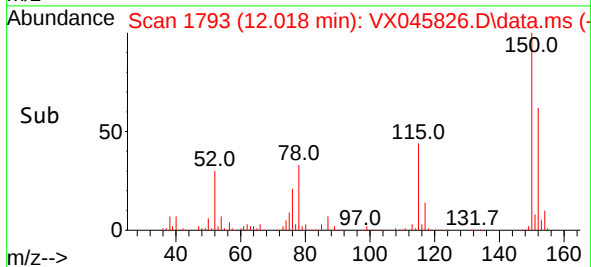
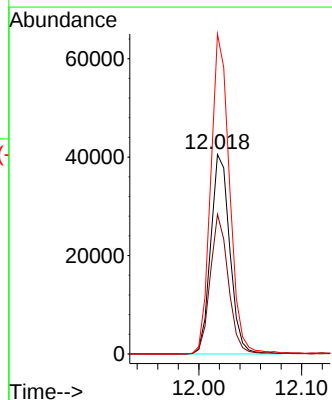
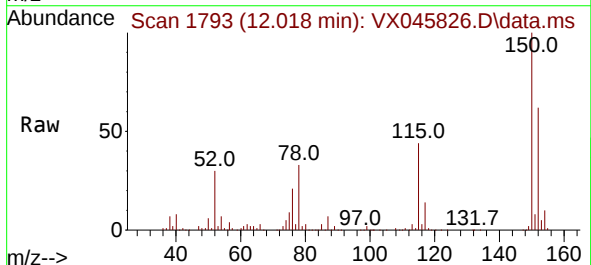
Instrument :
MSVOA_X
ClientSampleId :

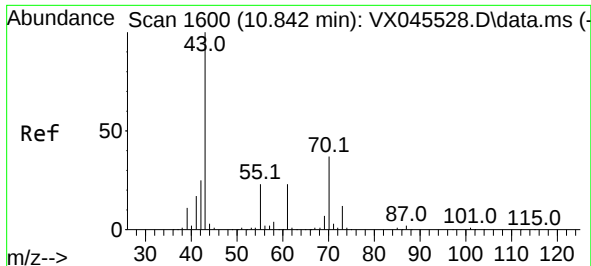
Tgt Ion:106 Resp: 379
Ion Ratio Lower Upper
106 100
91 284.2 172.6 258.8#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045826.D
Acq: 17 Apr 2025 14:22

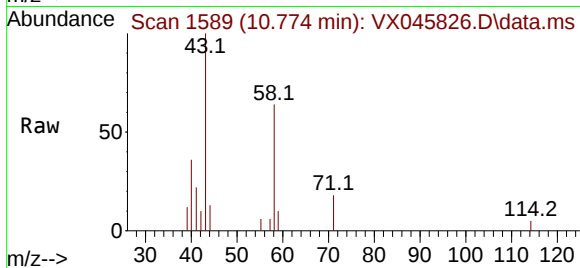
Tgt Ion:152 Resp: 52291
Ion Ratio Lower Upper
152 100
115 66.5 46.9 140.7
150 158.2 0.0 349.4



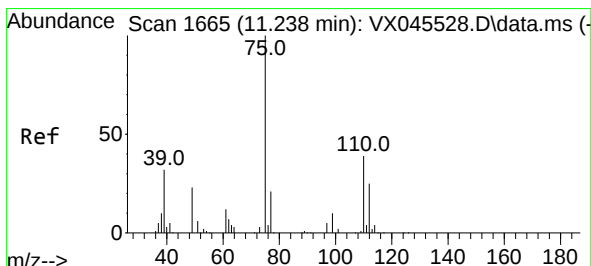
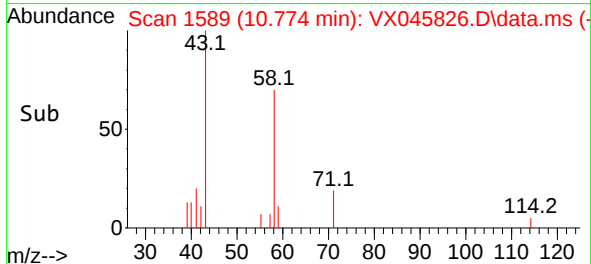
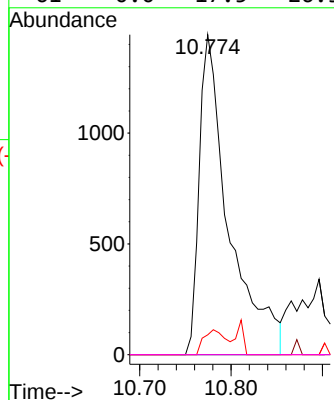


#74
N-amy1 acetate
Concen: 1.622 ug/l
RT: 10.774 min Scan# 11
Delta R.T. -0.067 min
Lab File: VX045826.D
Acq: 17 Apr 2025 14:22

Instrument :
MSVOA_X
ClientSampleId :

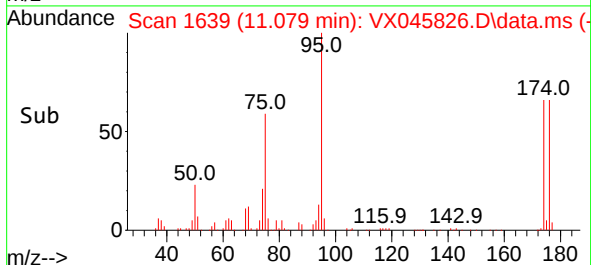
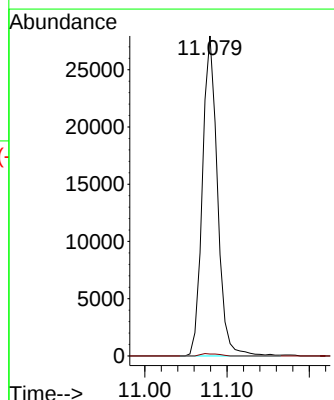
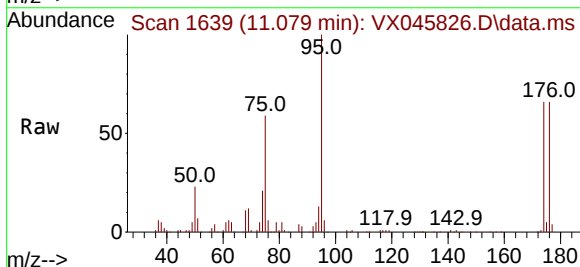


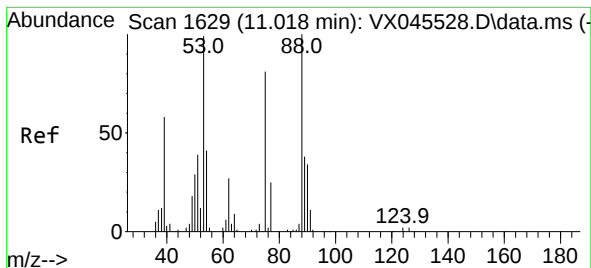
Tgt Ion: 43 Resp: 3250
Ion Ratio Lower Upper
43 100
70 0.0 30.1 45.1#
55 5.8 18.3 27.5#
61 0.0 17.5 26.3#



#76
1,2,3-Trichloropropane
Concen: 27.834 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX045826.D
Acq: 17 Apr 2025 14:22

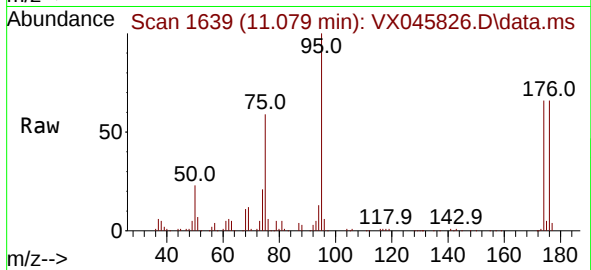
Tgt Ion: 75 Resp: 35502
Ion Ratio Lower Upper
75 100
77 0.9 20.0 59.9#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 94.464 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX045826.D
 Acq: 17 Apr 2025 14:22

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 35502
 Ion Ratio Lower Upper
 75 100
 53 0.0 101.8 152.6#
 89 0.0 37.2 55.8#

