

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103124\
 Data File : VX043650.D
 Acq On : 31 Oct 2024 14:50
 Operator : JC/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 01 00:54:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 28 13:41:34 2024
 Response via : Initial Calibration

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

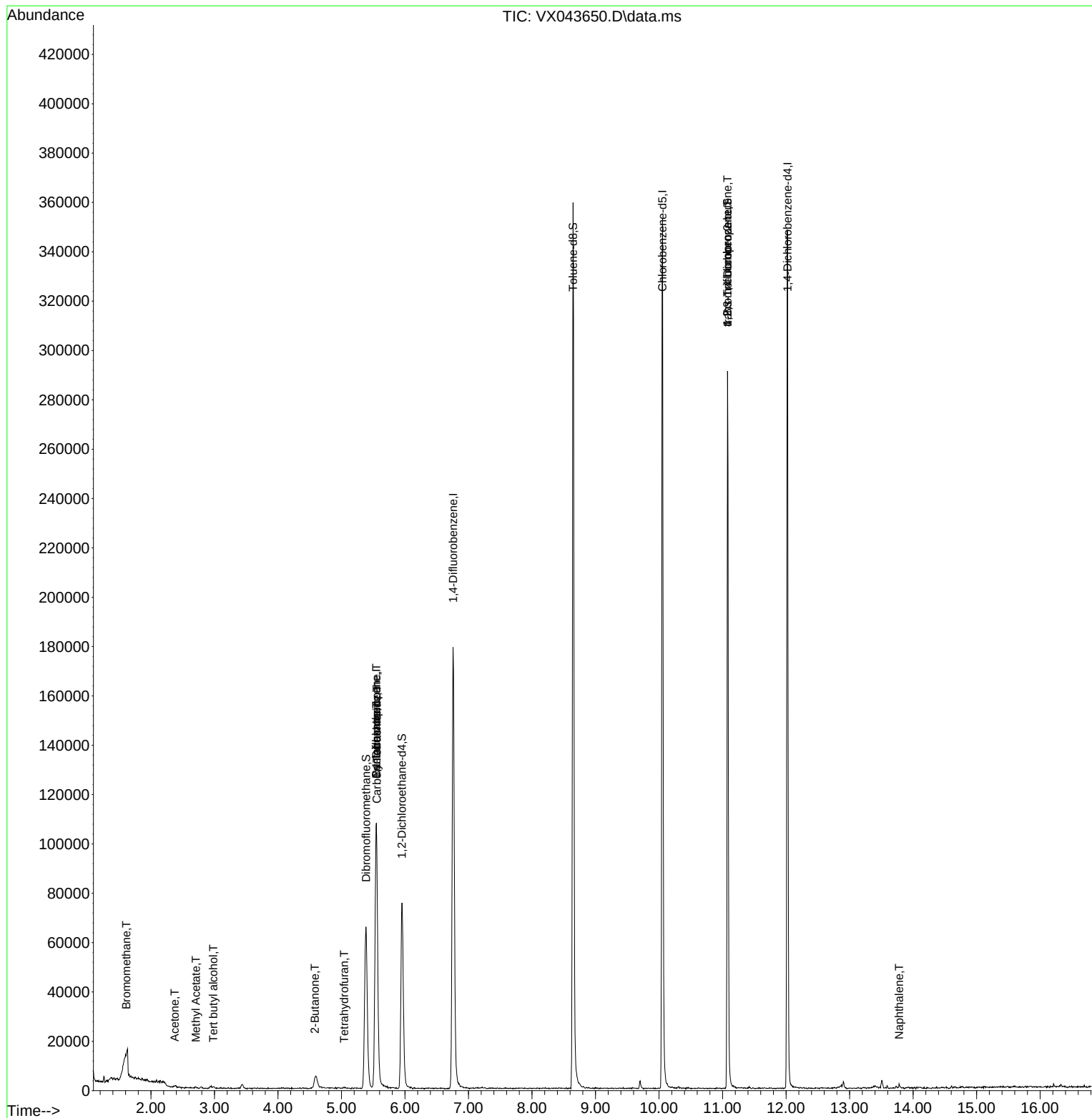
Internal Standards						
1) Pentafluorobenzene	5.550	168	111439	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	199063	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	178625	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	77884	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	73111	41.145	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	82.280%		
35) Dibromofluoromethane	5.385	113	60047	44.485	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	88.960%		
50) Toluene-d8	8.647	98	227990	48.793	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.580%		
62) 4-Bromofluorobenzene	11.079	95	82188	47.468	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	94.940%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	151	0.262	ug/l	81
11) Tert butyl alcohol	2.983	59	1124	3.389	ug/l #	100
16) Acetone	2.373	43	733	1.039	ug/l #	78
18) Methyl Acetate	2.709	43	829	0.402	ug/l #	75
25) 2-Butanone	4.580	43	217	0.211	ug/l #	49
29) Tetrahydrofuran	5.044	42	171	0.256	ug/l #	32
31) Cyclohexane	5.550	56	2187	1.166	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	8292	5.181	ug/l #	50
38) Carbon Tetrachloride	5.556	117	10926	6.178	ug/l #	14
76) 1,2,3-Trichloropropane	11.079	75	40082	24.069	ug/l #	33
81) trans-1,4-Dichloro-2-b...	11.079	75	40082	66.216	ug/l #	7
95) Naphthalene	13.780	128	1585	0.261	ug/l	97

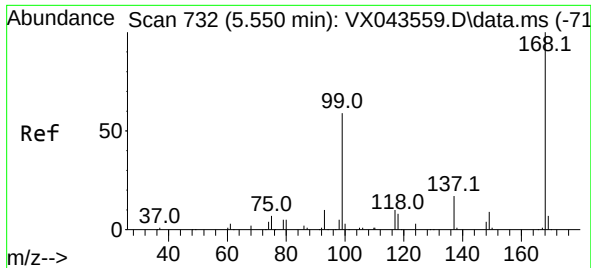
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Oct 28 13:41:34 2024
Response via : Initial Calibration

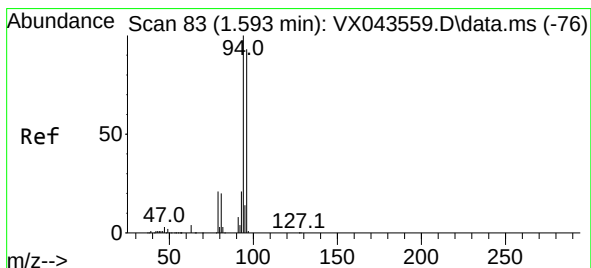
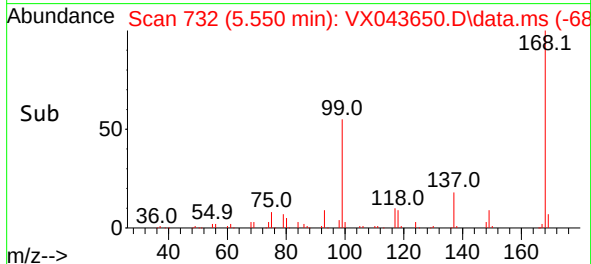
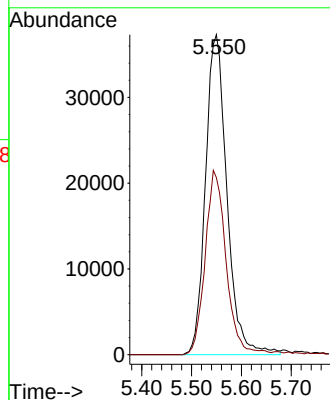
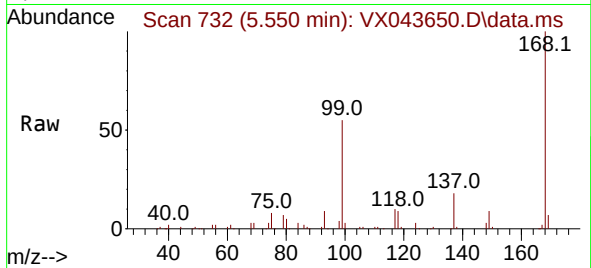




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX043650.D
Acq: 31 Oct 2024 14:50

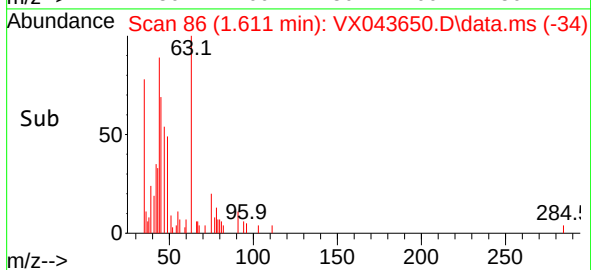
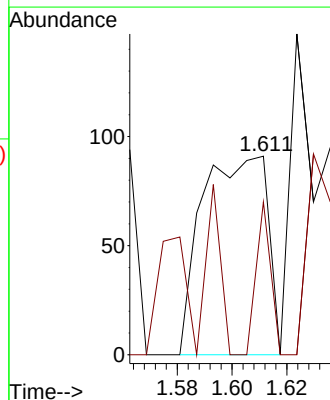
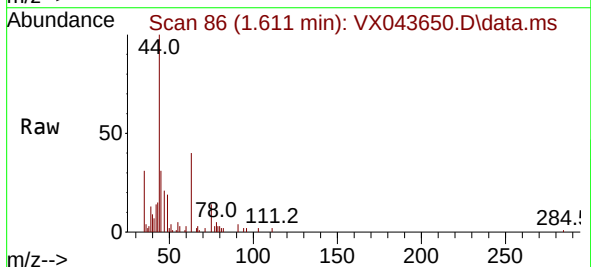
Instrument :
MSVOA_X
ClientSampleId :

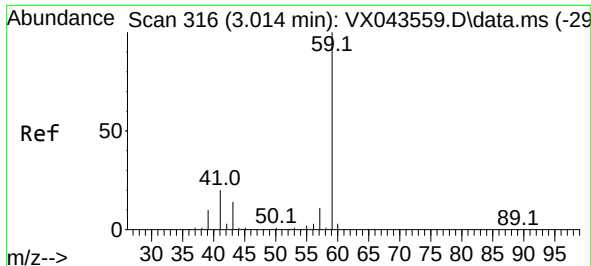
Tgt Ion:168 Resp: 111439
Ion Ratio Lower Upper
168 100
99 55.4 52.6 78.8



#5
Bromomethane
Concen: 0.262 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.018 min
Lab File: VX043650.D
Acq: 31 Oct 2024 14:50

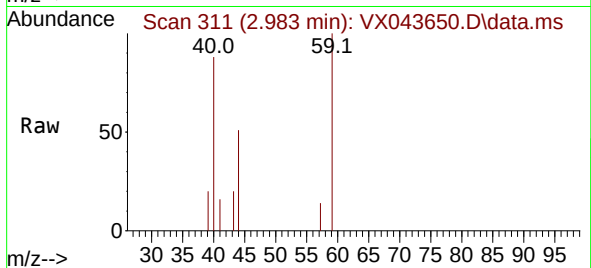
Tgt Ion: 94 Resp: 151
Ion Ratio Lower Upper
94 100
96 76.9 75.9 113.9



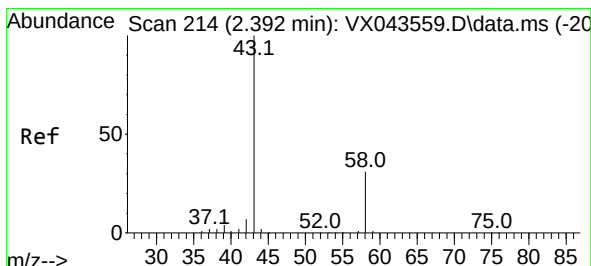
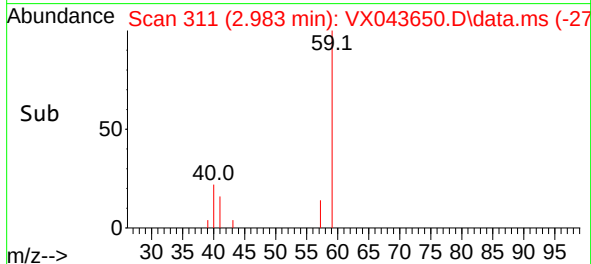
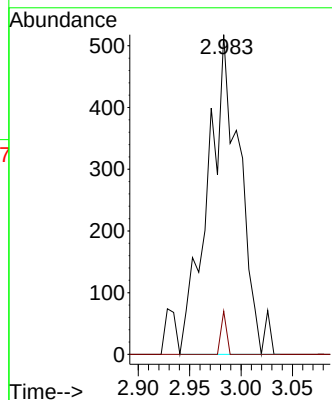


#11
Tert butyl alcohol
Concen: 3.389 ug/l
RT: 2.983 min Scan# 311
Delta R.T. -0.067 min
Lab File: VX043650.D
Acq: 31 Oct 2024 14:50

Instrument :
MSVOA_X
ClientSampleId :

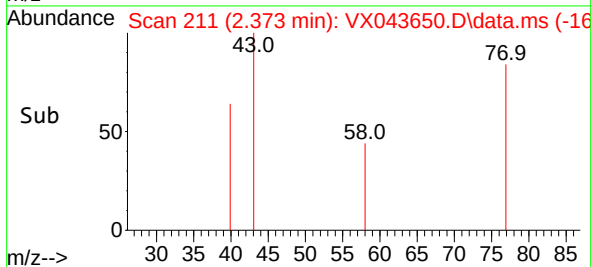
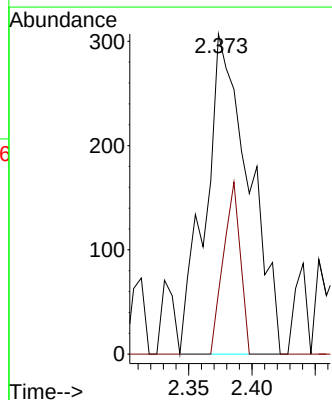
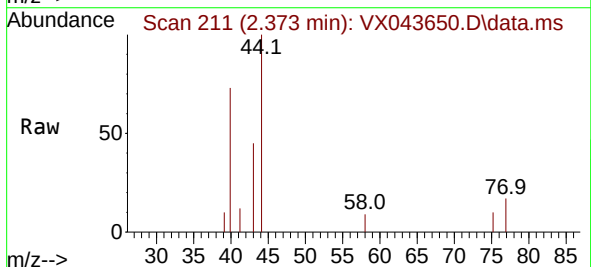


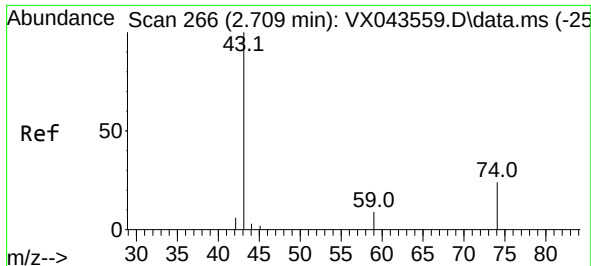
Tgt Ion: 59 Resp: 1124
Ion Ratio Lower Upper
59 100
57 2.3 0.0 0.0#



#16
Acetone
Concen: 1.039 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.024 min
Lab File: VX043650.D
Acq: 31 Oct 2024 14:50

Tgt Ion: 43 Resp: 733
Ion Ratio Lower Upper
43 100
58 19.2 25.1 37.7#

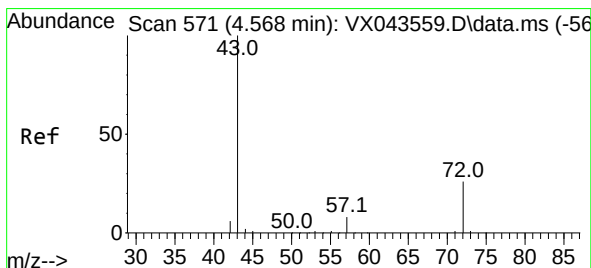
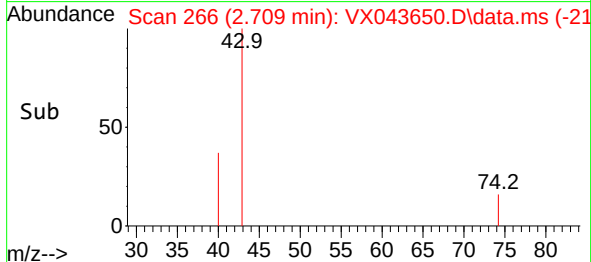
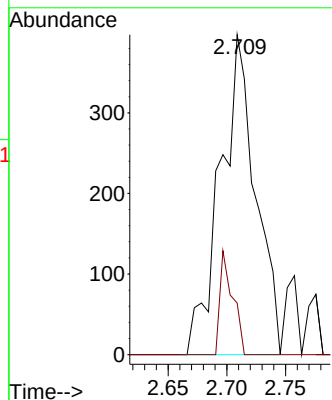
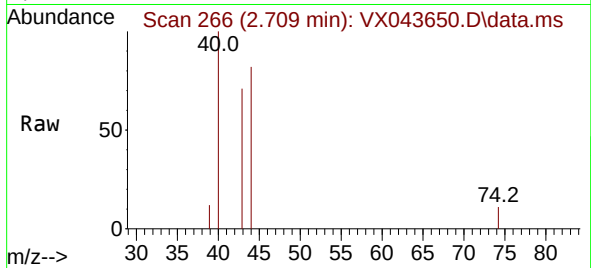




#18
Methyl Acetate
Concen: 0.402 ug/l
RT: 2.709 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX043650.D
Acq: 31 Oct 2024 14:50

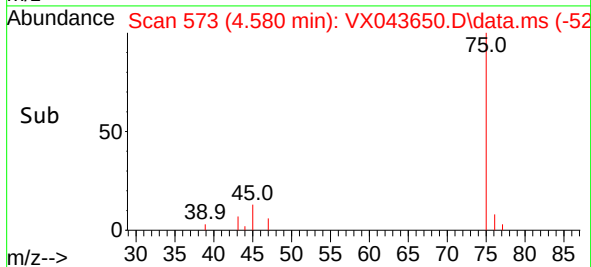
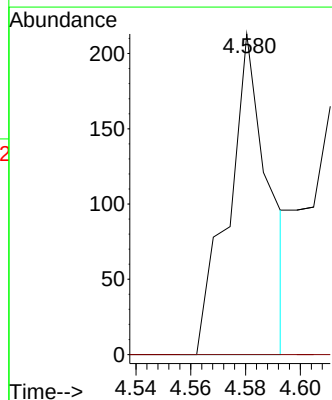
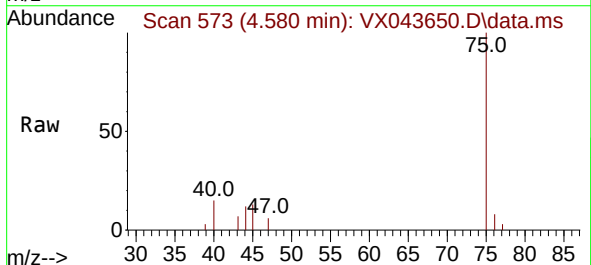
Instrument :
MSVOA_X
ClientSampleId :

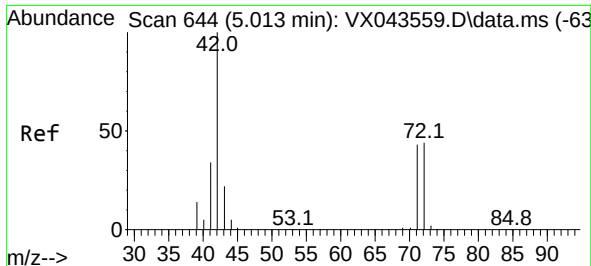
Tgt Ion: 43 Resp: 829
Ion Ratio Lower Upper
43 100
74 11.8 19.1 28.7#



#25
2-Butanone
Concen: 0.211 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.012 min
Lab File: VX043650.D
Acq: 31 Oct 2024 14:50

Tgt Ion: 43 Resp: 217
Ion Ratio Lower Upper
43 100
72 0.0 21.1 31.7#





#29

Tetrahydrofuran

Concen: 0.256 ug/l

RT: 5.044 min Scan# 644

Delta R.T. 0.031 min

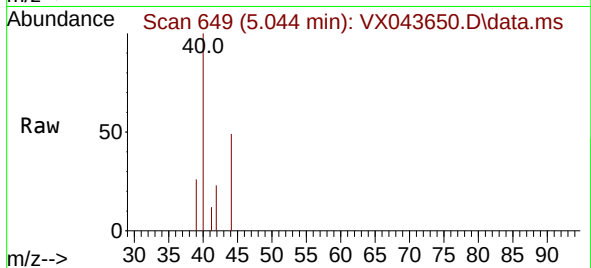
Lab File: VX043650.D

Acq: 31 Oct 2024 14:50

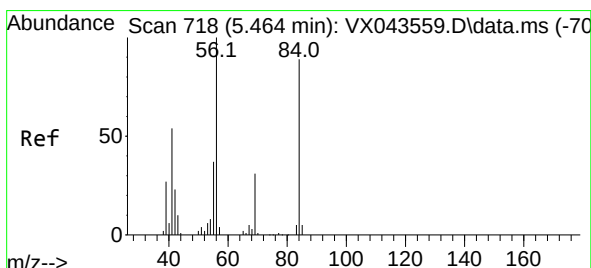
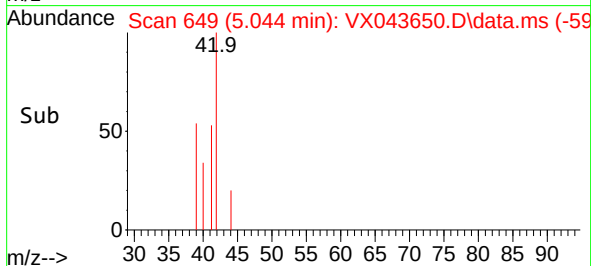
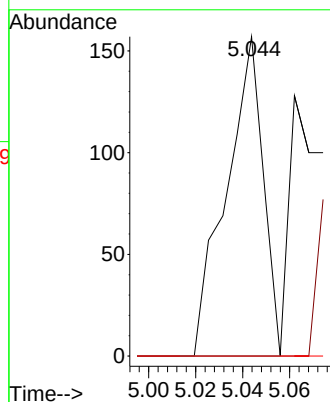
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	42	Resp:	171
Ion	Ratio	Lower	Upper
42	100		
72	0.0	36.6	55.0#
71	0.0	34.2	51.4#



#31

Cyclohexane

Concen: 1.166 ug/l

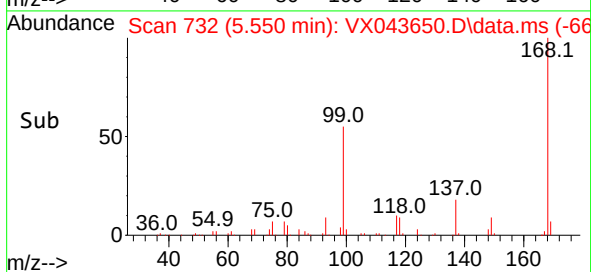
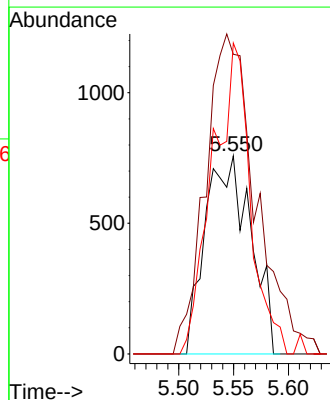
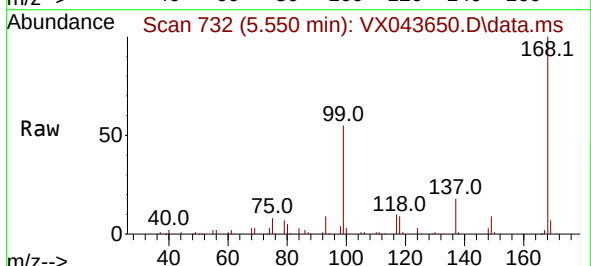
RT: 5.550 min Scan# 732

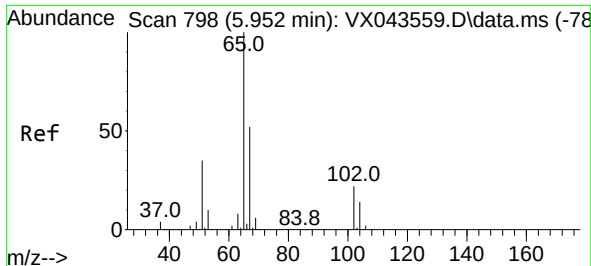
Delta R.T. 0.092 min

Lab File: VX043650.D

Acq: 31 Oct 2024 14:50

Tgt Ion:	56	Resp:	2187
Ion	Ratio	Lower	Upper
56	100		
69	137.3	24.9	37.3#
84	157.0	73.3	109.9#





#33

1,2-Dichloroethane-d4

Concen: 41.145 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX043650.D

Acq: 31 Oct 2024 14:50

Instrument :

MSVOA_X

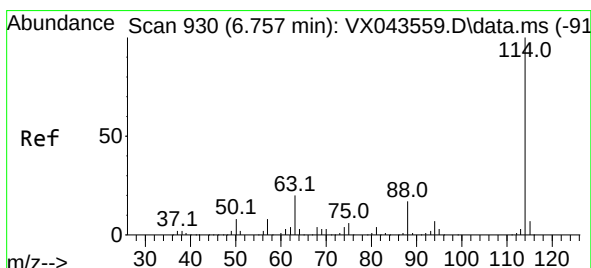
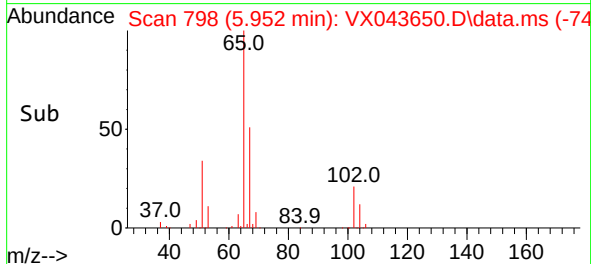
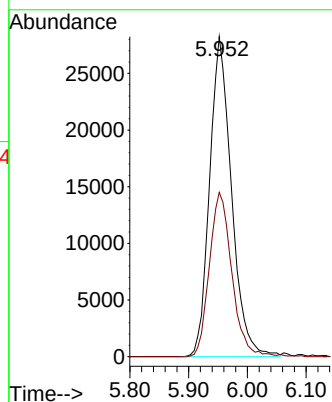
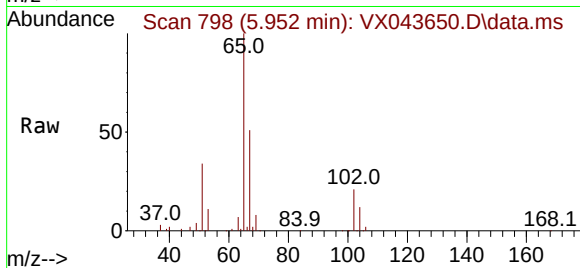
ClientSampleId :

Tgt Ion: 65 Resp: 73111

Ion Ratio Lower Upper

65 100

67 52.5 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX043650.D

Acq: 31 Oct 2024 14:50

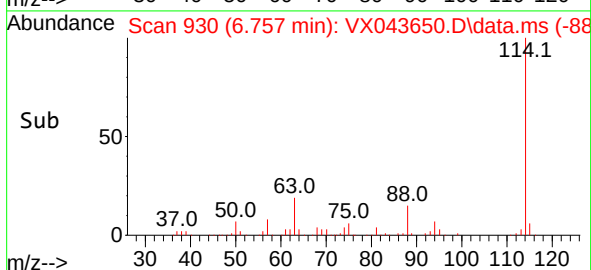
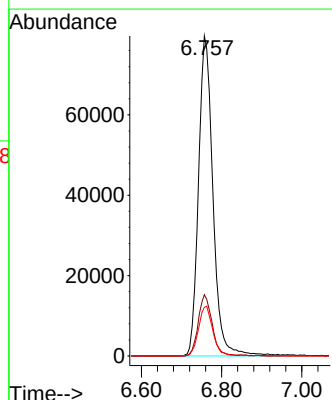
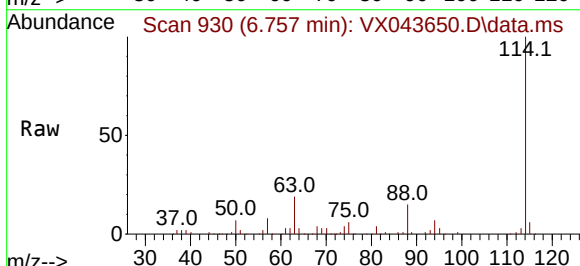
Tgt Ion: 114 Resp: 199063

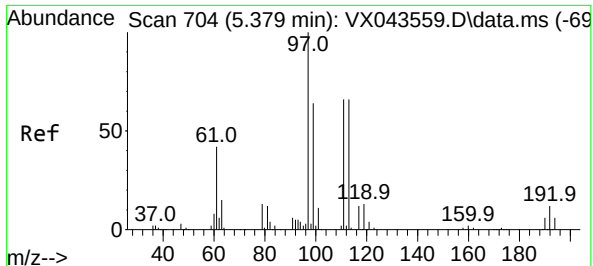
Ion Ratio Lower Upper

114 100

63 19.1 0.0 41.2

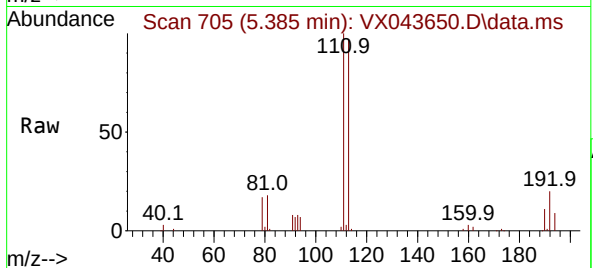
88 15.2 0.0 34.0



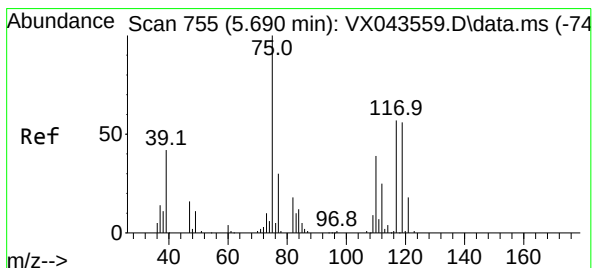
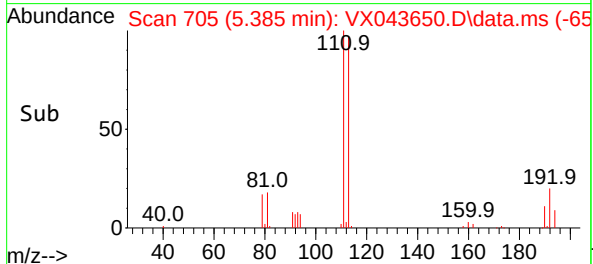
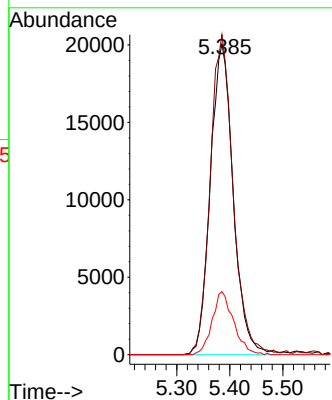


#35
Dibromofluoromethane
Concen: 44.485 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX043650.D
Acq: 31 Oct 2024 14:50

Instrument :
MSVOA_X
ClientSampleId :

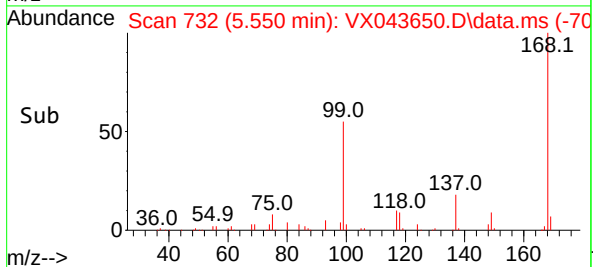
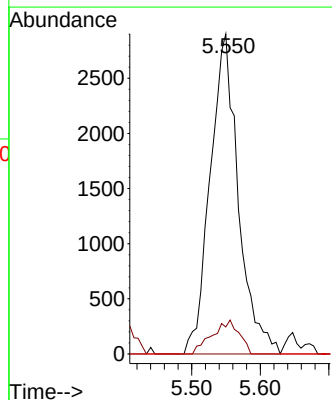
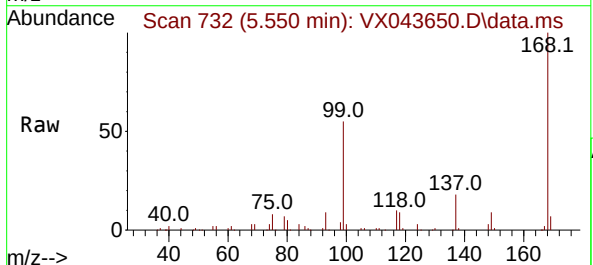


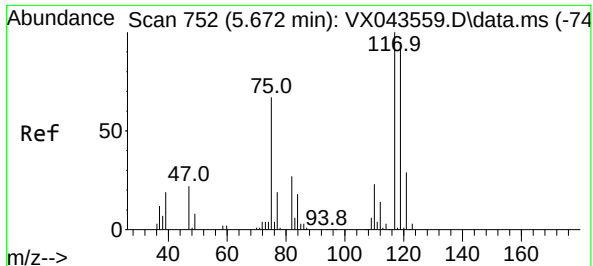
Tgt Ion:113 Resp: 60047
Ion Ratio Lower Upper
113 100
111 103.0 81.4 122.0
192 19.0 14.1 21.1



#36
1,1-Dichloropropene
Concen: 5.181 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX043650.D
Acq: 31 Oct 2024 14:50

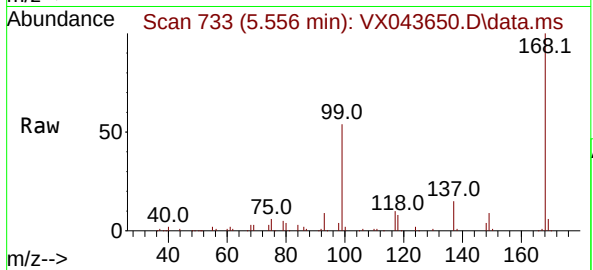
Tgt Ion: 75 Resp: 8292
Ion Ratio Lower Upper
75 100
110 10.1 17.9 53.7#
77 0.0 25.0 37.4#



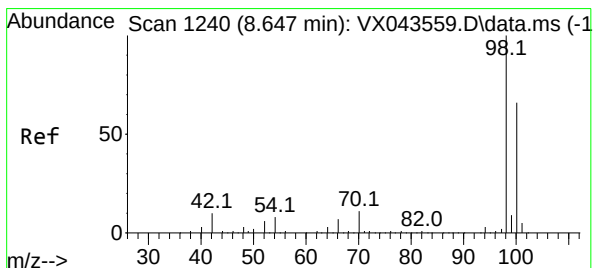
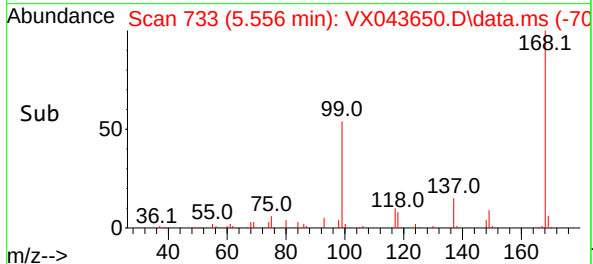
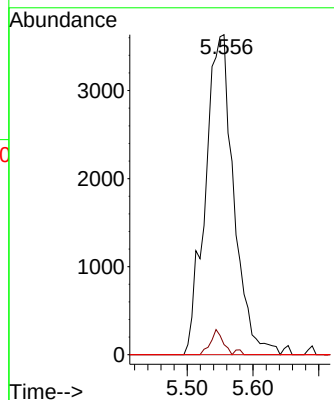


#38
Carbon Tetrachloride
Concen: 6.178 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.116 min
Lab File: VX043650.D
Acq: 31 Oct 2024 14:50

Instrument :
MSVOA_X
ClientSampleId :

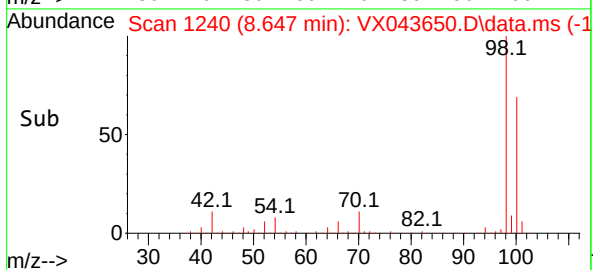
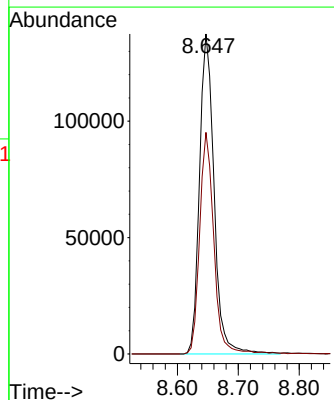
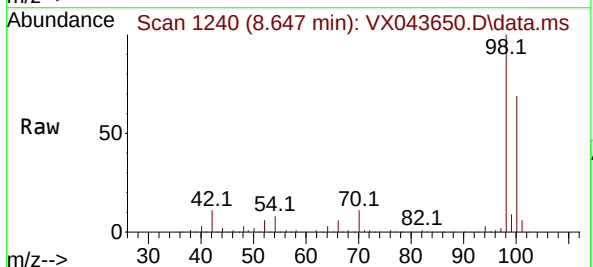


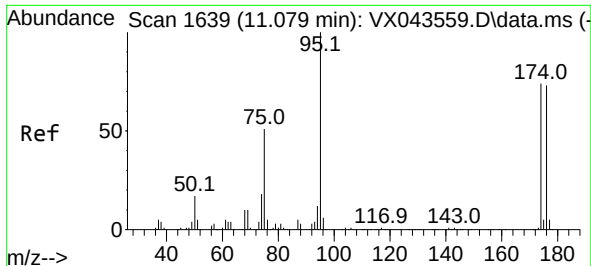
Tgt Ion:117 Resp: 10926
Ion Ratio Lower Upper
117 100
119 3.2 77.0 115.6#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 48.793 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX043650.D
Acq: 31 Oct 2024 14:50

Tgt Ion: 98 Resp: 227990
Ion Ratio Lower Upper
98 100
100 67.6 53.4 80.2

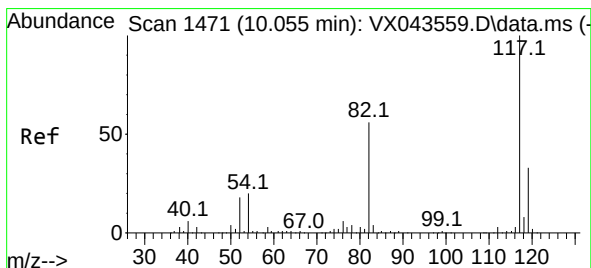
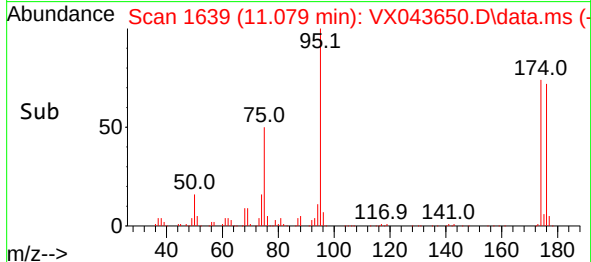
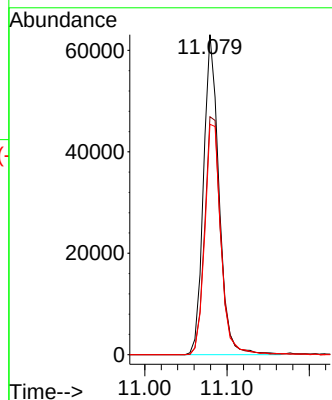
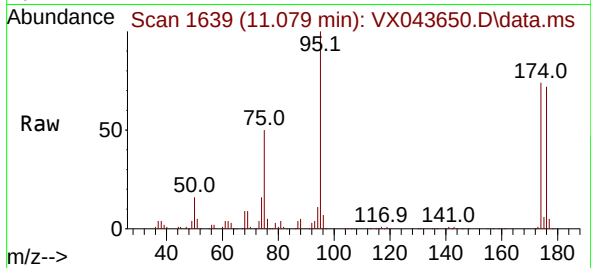




#62
4-Bromofluorobenzene
Concen: 47.468 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX043650.D
Acq: 31 Oct 2024 14:50

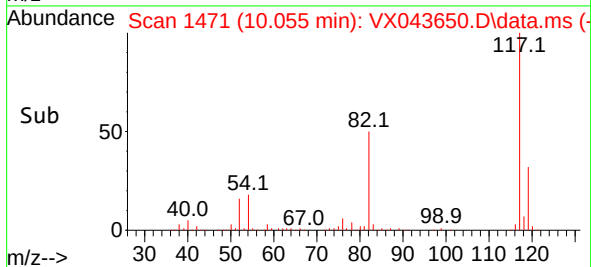
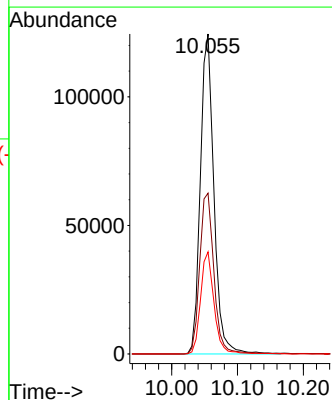
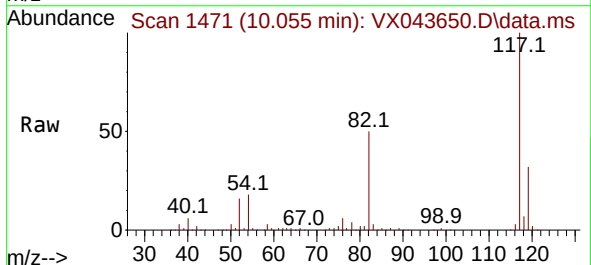
Instrument :
MSVOA_X
ClientSampleId :

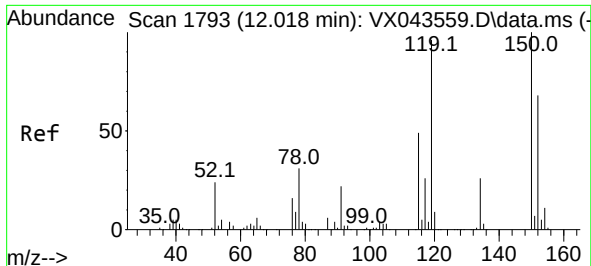
Tgt Ion: 95 Resp: 82188
Ion Ratio Lower Upper
95 100
174 78.1 0.0 146.6
176 75.3 0.0 139.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX043650.D
Acq: 31 Oct 2024 14:50

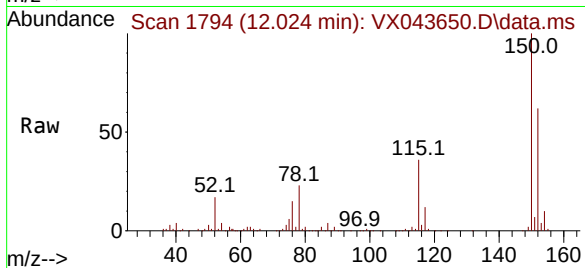
Tgt Ion: 117 Resp: 178625
Ion Ratio Lower Upper
117 100
82 50.3 42.1 63.1
119 31.9 25.4 38.2



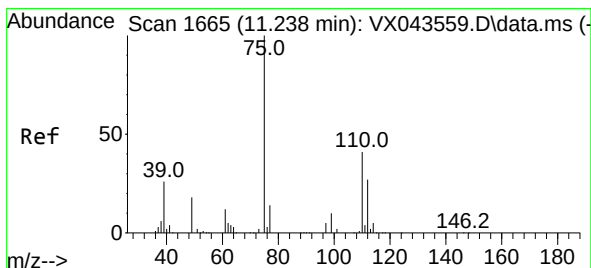
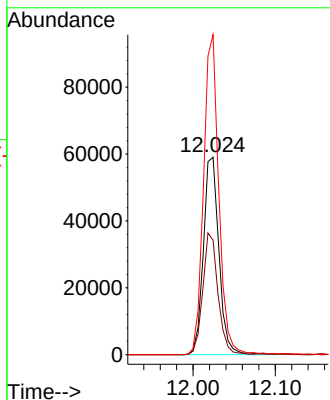
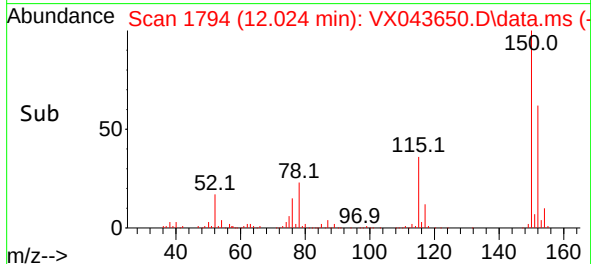


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX043650.D
Acq: 31 Oct 2024 14:50

Instrument :
MSVOA_X
ClientSampleId :

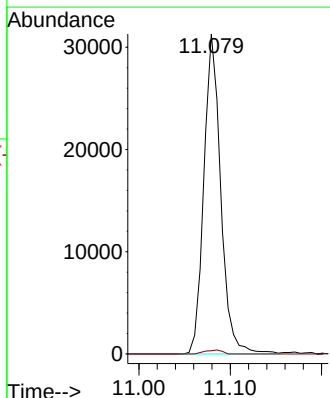
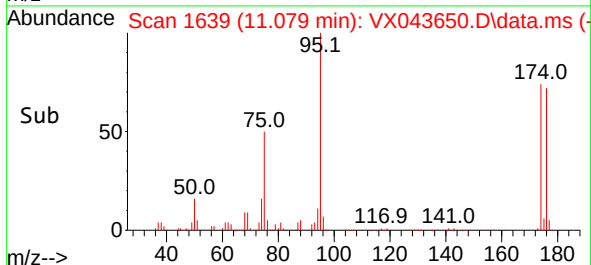
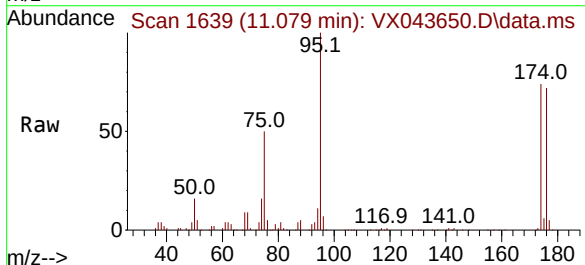


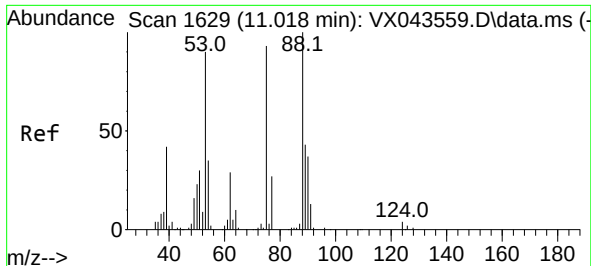
Tgt Ion:152 Resp: 77884
Ion Ratio Lower Upper
152 100
115 59.9 42.9 128.7
150 158.9 0.0 343.6



#76
1,2,3-Trichloropropane
Concen: 24.069 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX043650.D
Acq: 31 Oct 2024 14:50

Tgt Ion: 75 Resp: 40082
Ion Ratio Lower Upper
75 100
77 1.2 22.4 67.2#

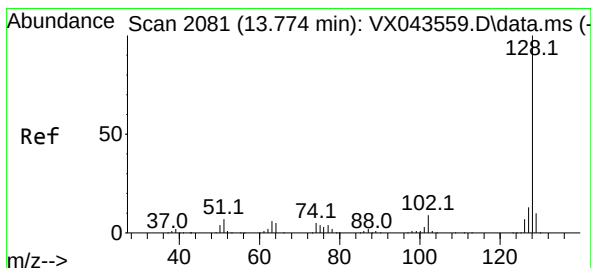
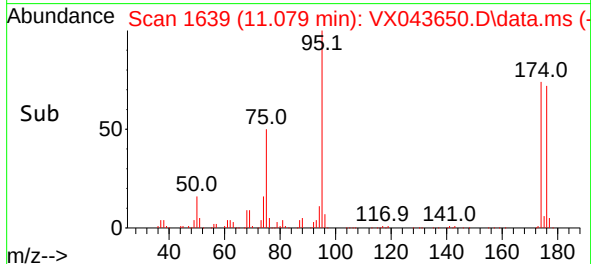
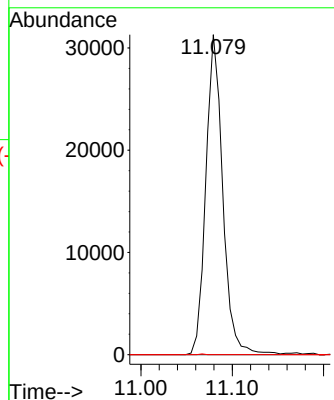
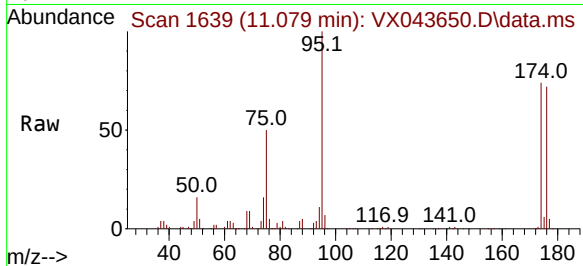




#81
trans-1,4-Dichloro-2-butene
Concen: 66.216 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX043650.D
Acq: 31 Oct 2024 14:50

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 40082
Ion Ratio Lower Upper
75 100
53 0.0 84.6 126.8#
89 0.1 38.6 58.0#



#95
Naphthalene
Concen: 0.261 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX043650.D
Acq: 31 Oct 2024 14:50

Tgt Ion: 128 Resp: 1585
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 9.0 8.7 13.1

