

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020525\
 Data File : VX044839.D
 Acq On : 05 Feb 2025 13:31
 Operator : JC/MD
 Sample : Q1268-03RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 06 04:38:12 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011525W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 16 01:16:09 2025
 Response via : Initial Calibration

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

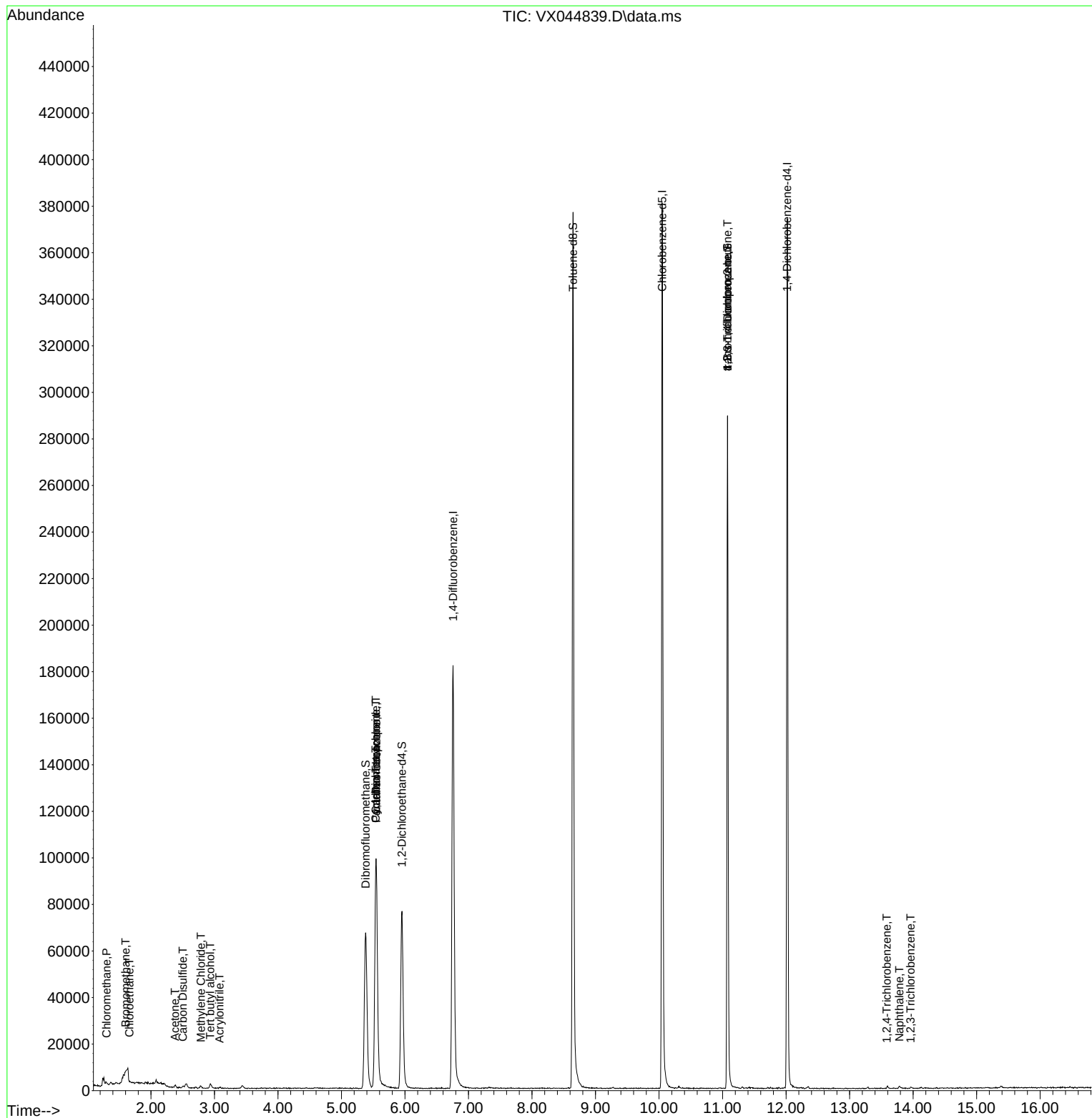
Internal Standards						
1) Pentafluorobenzene	5.550	168	96670	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	198256	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	178932	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	76428	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	71086	48.717	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.440%
35) Dibromofluoromethane	5.379	113	60845	48.309	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.620%
50) Toluene-d8	8.647	98	237090	53.987	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	107.980%
62) 4-Bromofluorobenzene	11.079	95	81250	49.629	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	99.260%
Target Compounds						
					Qvalue	
3) Chloromethane	1.301	50	1152	0.819	ug/l #	84
5) Bromomethane	1.599	94	95	0.286	ug/l #	4
6) Chloroethane	1.660	64	61	0.239	ug/l #	41
11) Tert butyl alcohol	2.934	59	950	2.920	ug/l #	85
15) Acrylonitrile	3.081	53	149	0.234	ug/l #	45
16) Acetone	2.380	43	1189	2.060	ug/l #	82
17) Carbon Disulfide	2.502	76	1000	0.324	ug/l #	95
20) Methylene Chloride	2.788	84	452	0.336	ug/l #	92
31) Cyclohexane	5.538	56	2377	1.294	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	8330	4.751	ug/l #	48
38) Carbon Tetrachloride	5.544	117	10533	5.341	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	41875	22.577	ug/l #	32
81) trans-1,4-Dichloro-2-b...	11.079	75	41875	51.629	ug/l #	12
93) 1,2,4-Trichlorobenzene	13.585	180	424	0.273	ug/l #	82
95) Naphthalene	13.786	128	1520	0.254	ug/l #	89
96) 1,2,3-Trichlorobenzene	13.963	180	363	0.225	ug/l #	76

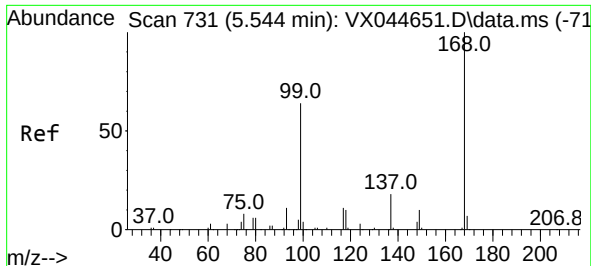
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020525\
Data File : VX044839.D
Acq On : 05 Feb 2025 13:31
Operator : JC/MD
Sample : Q1268-03RE
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Feb 06 04:38:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011525W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 16 01:16:09 2025
Response via : Initial Calibration

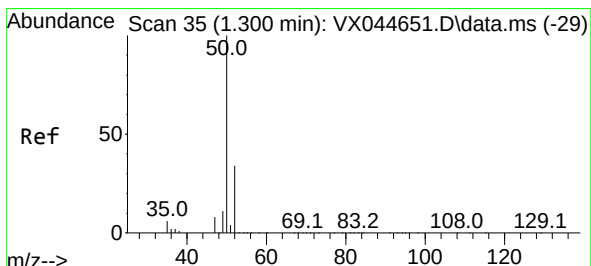
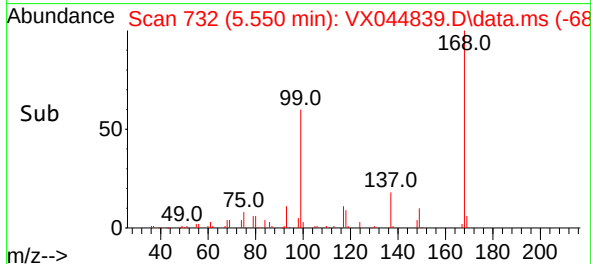
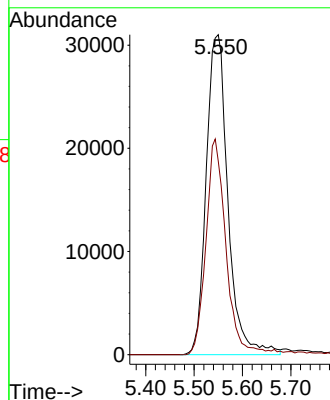
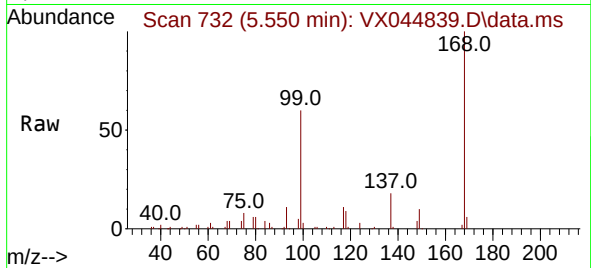




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX044839.D
Acq: 05 Feb 2025 13:31

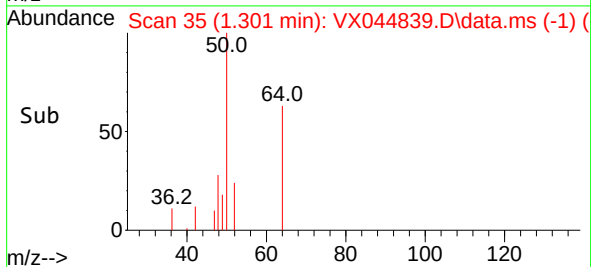
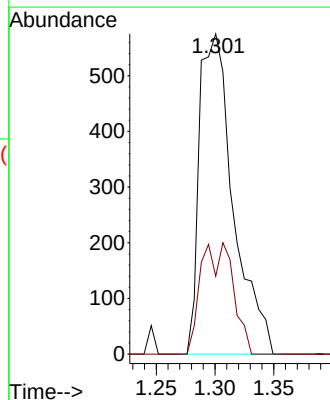
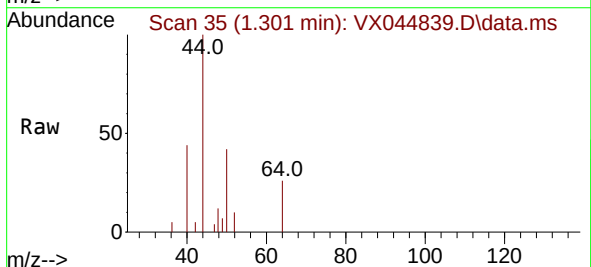
Instrument :
MSVOA_X
ClientSampleId :

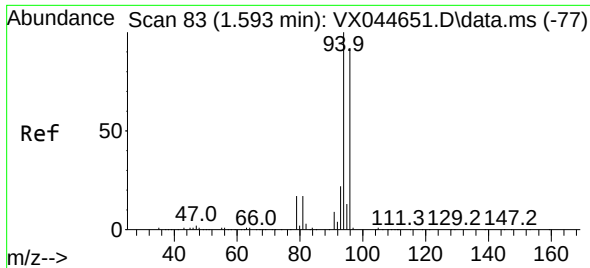
Tgt Ion:168 Resp: 96670
Ion Ratio Lower Upper
168 100
99 60.4 51.1 76.7



#3
Chloromethane
Concen: 0.819 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX044839.D
Acq: 05 Feb 2025 13:31

Tgt Ion: 50 Resp: 1152
Ion Ratio Lower Upper
50 100
52 24.3 27.0 40.4#

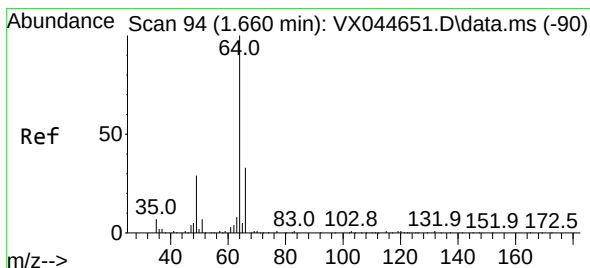
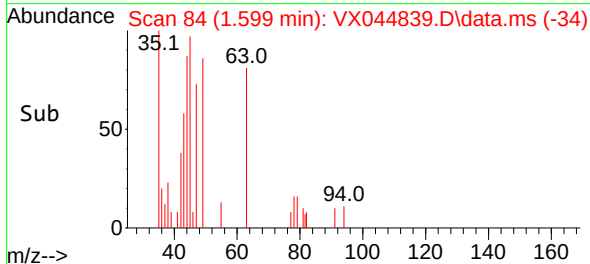
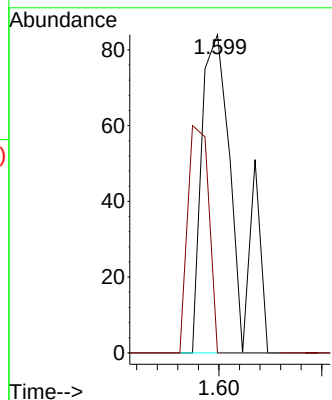
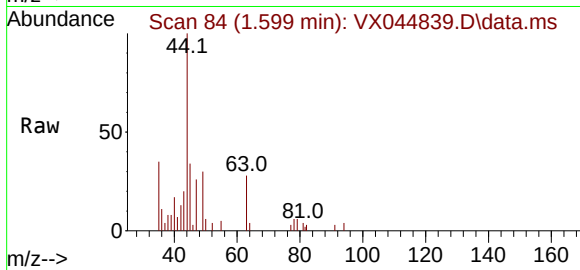




#5
Bromomethane
Concen: 0.286 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX044839.D
Acq: 05 Feb 2025 13:31

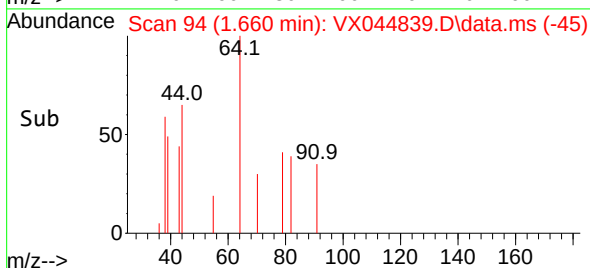
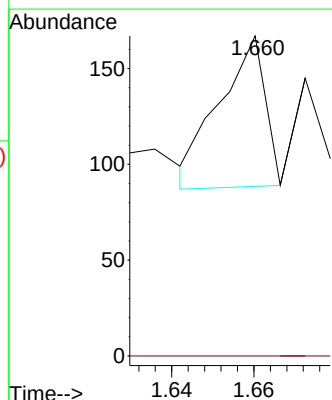
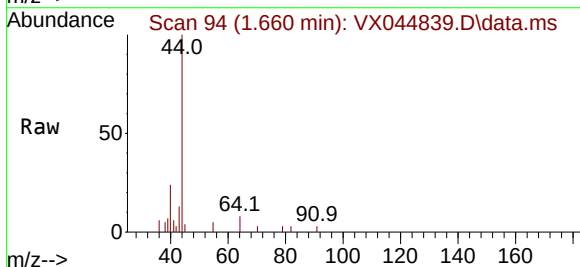
Instrument :
MSVOA_X
ClientSampleId :

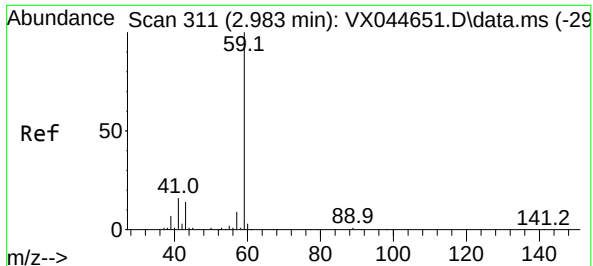
Tgt Ion: 94 Resp: 95
Ion Ratio Lower Upper
94 100
96 0.0 72.8 109.2#



#6
Chloroethane
Concen: 0.239 ug/l
RT: 1.660 min Scan# 94
Delta R.T. 0.000 min
Lab File: VX044839.D
Acq: 05 Feb 2025 13:31

Tgt Ion: 64 Resp: 61
Ion Ratio Lower Upper
64 100
66 0.0 26.6 39.8#





#11

Tert butyl alcohol

Concen: 2.920 ug/l

RT: 2.934 min Scan# 30

Delta R.T. -0.049 min

Lab File: VX044839.D

Acq: 05 Feb 2025 13:31

Instrument :

MSVOA_X

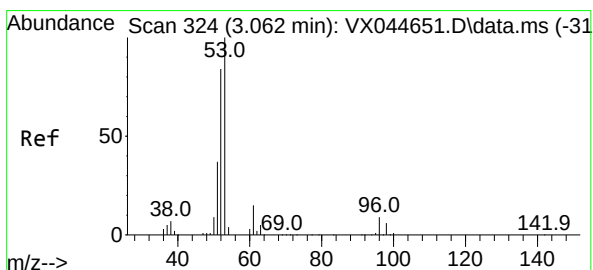
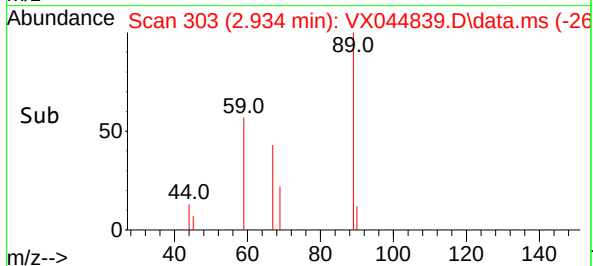
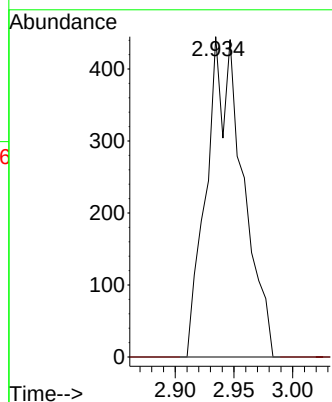
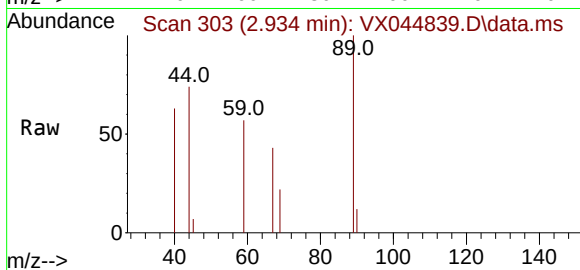
ClientSampleId :

Tgt Ion: 59 Resp: 950

Ion Ratio Lower Upper

59 100

57 0.0 3.9 5.9#



#15

Acrylonitrile

Concen: 0.234 ug/l

RT: 3.081 min Scan# 327

Delta R.T. 0.018 min

Lab File: VX044839.D

Acq: 05 Feb 2025 13:31

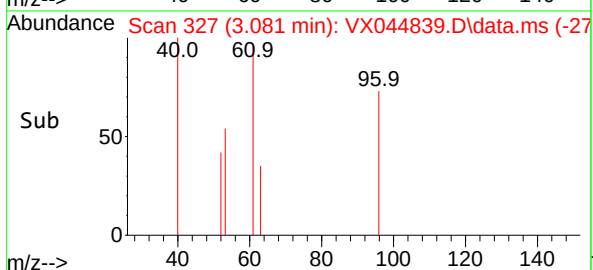
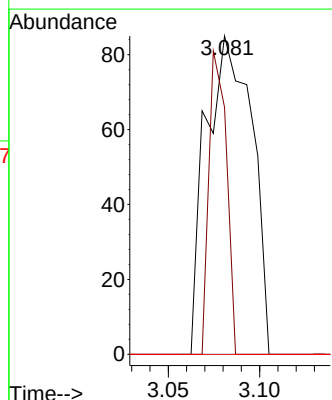
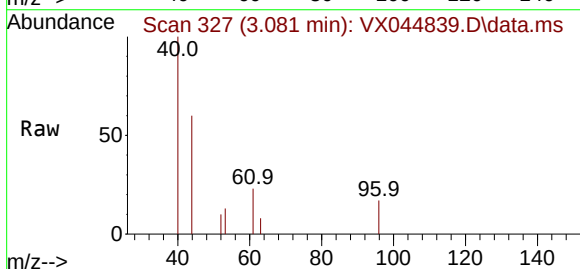
Tgt Ion: 53 Resp: 149

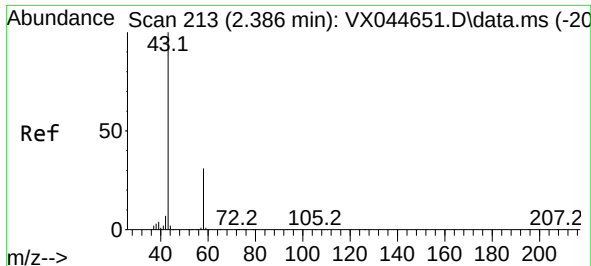
Ion Ratio Lower Upper

53 100

52 36.2 66.0 99.0#

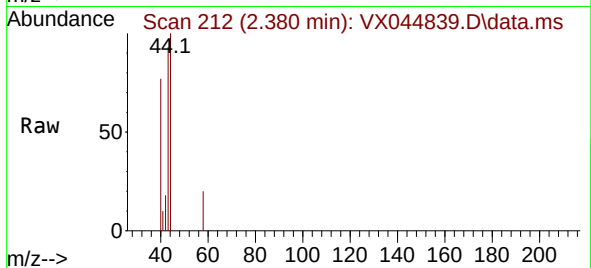
51 0.0 28.9 43.3#



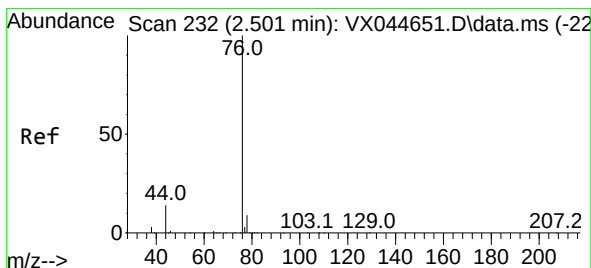
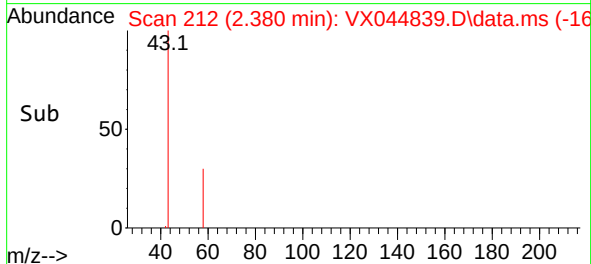
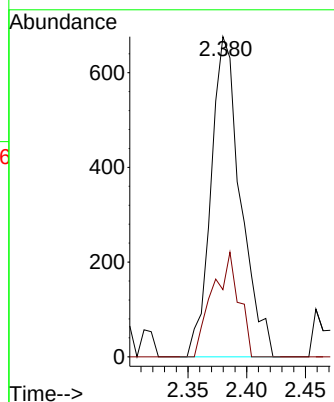


#16
Acetone
Concen: 2.060 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX044839.D
Acq: 05 Feb 2025 13:31

Instrument :
MSVOA_X
ClientSampleId :

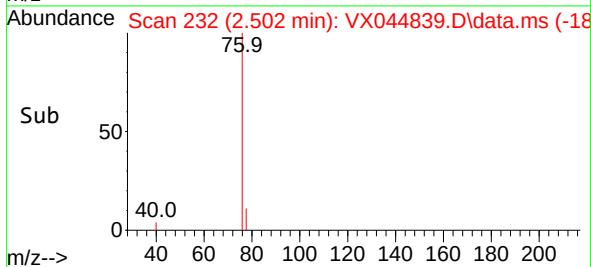
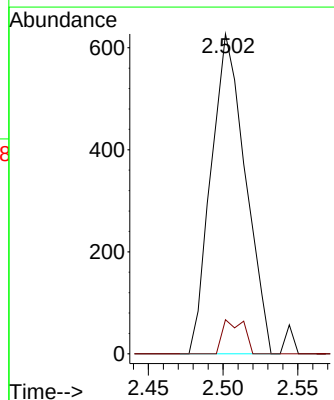
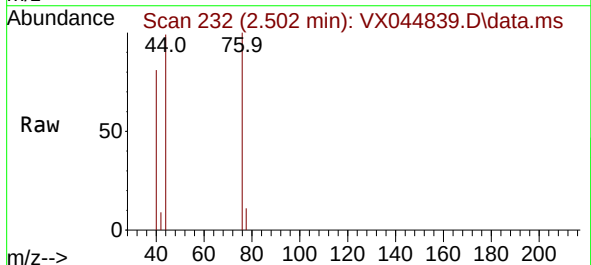


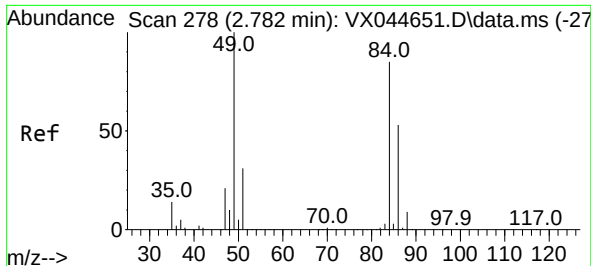
Tgt Ion: 43 Resp: 1189
Ion Ratio Lower Upper
43 100
58 21.0 24.6 37.0#



#17
Carbon Disulfide
Concen: 0.324 ug/l
RT: 2.502 min Scan# 232
Delta R.T. 0.000 min
Lab File: VX044839.D
Acq: 05 Feb 2025 13:31

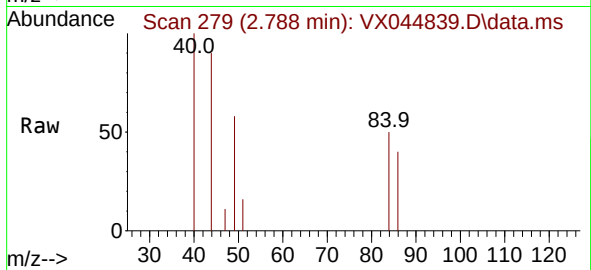
Tgt Ion: 76 Resp: 1000
Ion Ratio Lower Upper
76 100
78 10.7 7.1 10.7#



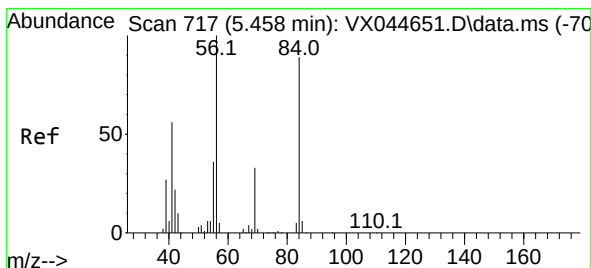
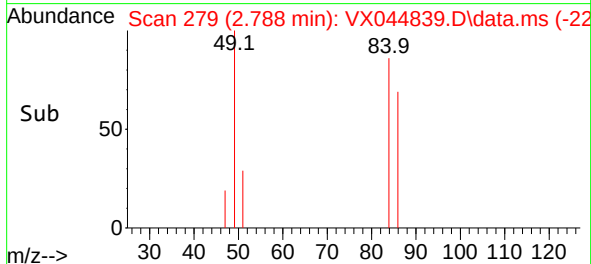
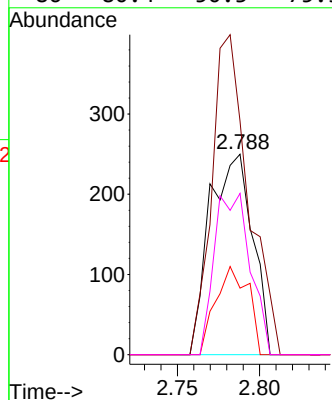


#20
Methylene Chloride
Concen: 0.336 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX044839.D
Acq: 05 Feb 2025 13:31

Instrument :
MSVOA_X
ClientSampleId :

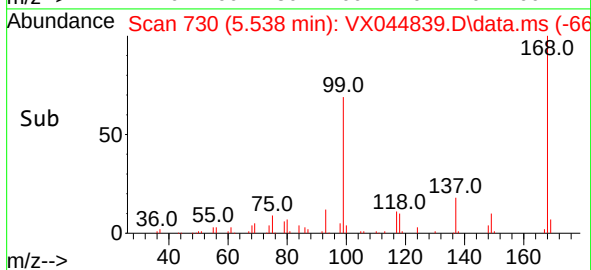
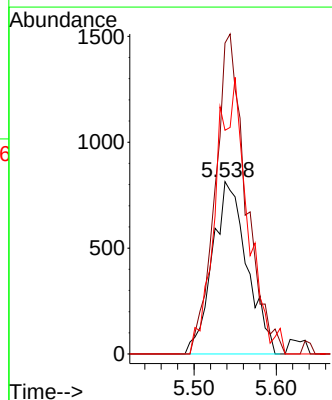
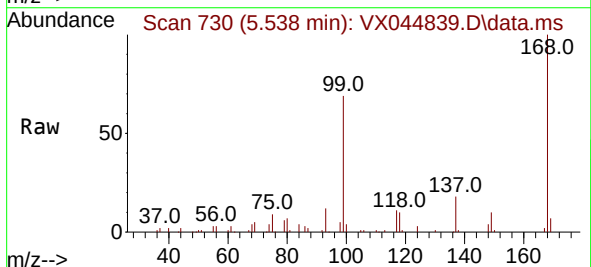


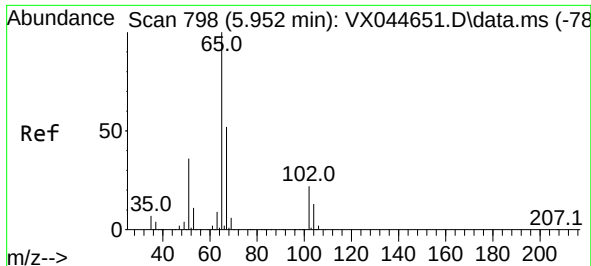
Tgt Ion:	84	Resp:	452
Ion	Ratio	Lower	Upper
84	100		
49	116.4	94.2	141.4
51	33.2	28.8	43.2
86	80.4	50.3	75.5



#31
Cyclohexane
Concen: 1.294 ug/l
RT: 5.538 min Scan# 730
Delta R.T. 0.079 min
Lab File: VX044839.D
Acq: 05 Feb 2025 13:31

Tgt Ion:	56	Resp:	2377
Ion	Ratio	Lower	Upper
56	100		
69	180.3	26.8	40.2
84	129.7	71.0	106.4





#33

1,2-Dichloroethane-d4

Concen: 48.717 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX044839.D

Acq: 05 Feb 2025 13:31

Instrument :

MSVOA_X

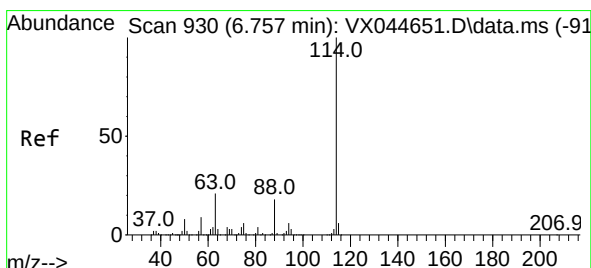
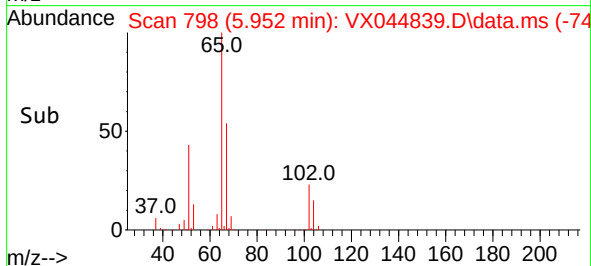
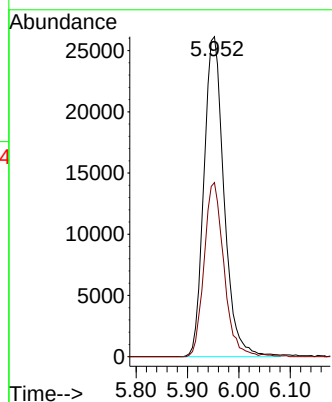
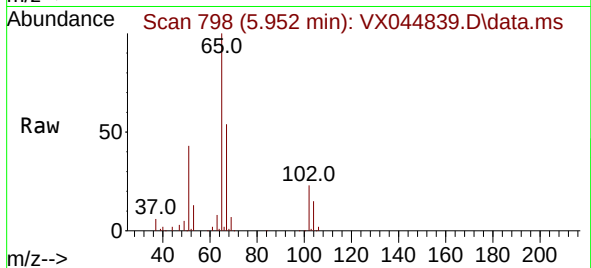
ClientSampleId :

Tgt Ion: 65 Resp: 71086

Ion Ratio Lower Upper

65 100

67 53.3 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: VX044839.D

Acq: 05 Feb 2025 13:31

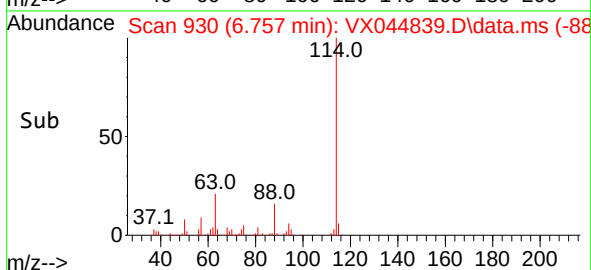
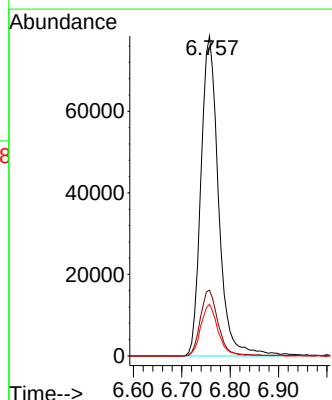
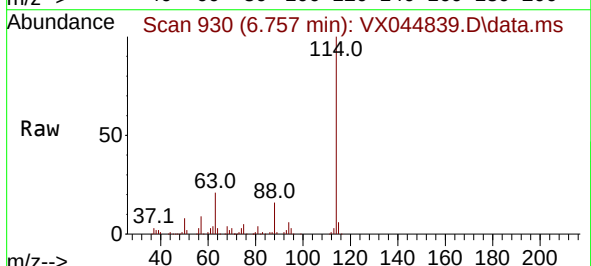
Tgt Ion: 114 Resp: 198256

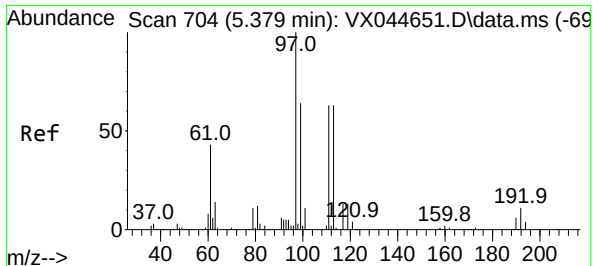
Ion Ratio Lower Upper

114 100

63 20.5 0.0 43.0

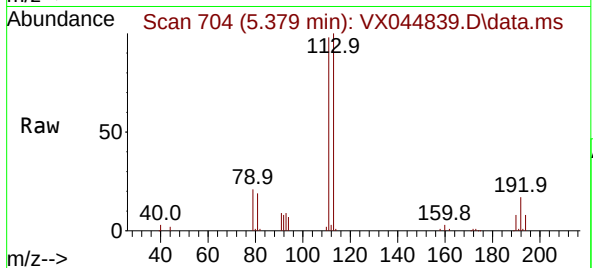
88 16.2 0.0 35.4



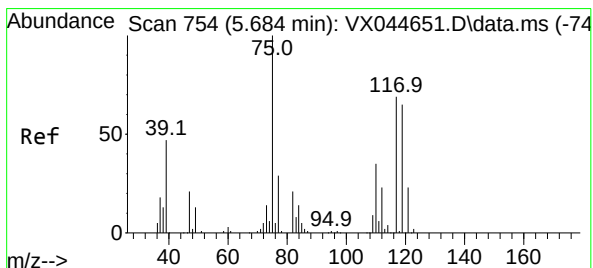
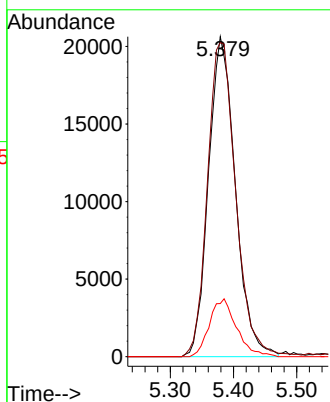
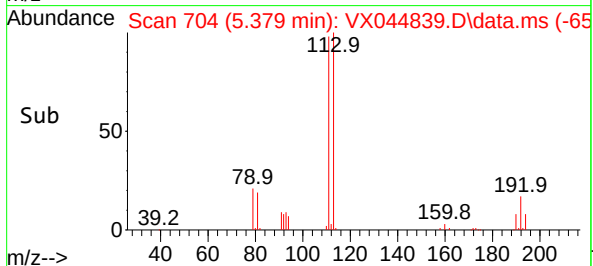


#35
 Dibromofluoromethane
 Concen: 48.309 ug/l
 RT: 5.379 min Scan# 704
 Delta R.T. 0.000 min
 Lab File: VX044839.D
 Acq: 05 Feb 2025 13:31

Instrument :
 MSVOA_X
 ClientSampleId :

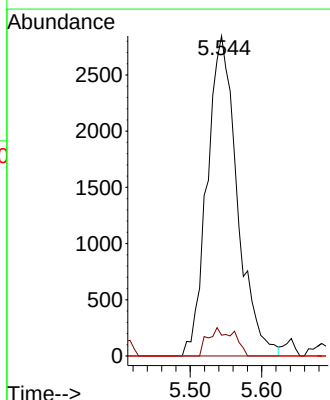
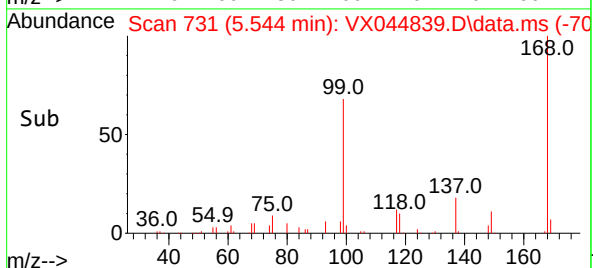
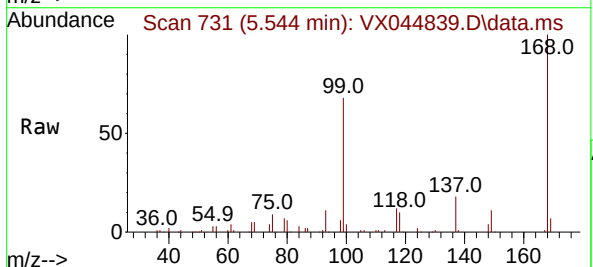


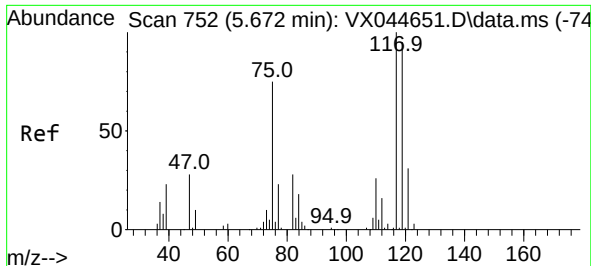
Tgt Ion:113 Resp: 60845
 Ion Ratio Lower Upper
 113 100
 111 103.4 81.6 122.4
 192 18.2 14.4 21.6



#36
 1,1-Dichloropropene
 Concen: 4.751 ug/l
 RT: 5.544 min Scan# 731
 Delta R.T. -0.140 min
 Lab File: VX044839.D
 Acq: 05 Feb 2025 13:31

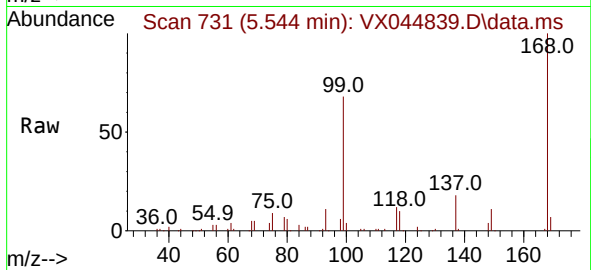
Tgt Ion: 75 Resp: 8330
 Ion Ratio Lower Upper
 75 100
 110 7.6 17.9 53.8#
 77 0.0 24.5 36.7#



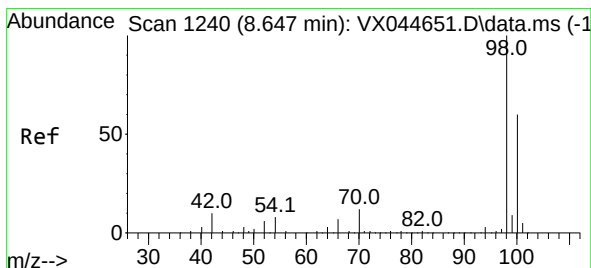
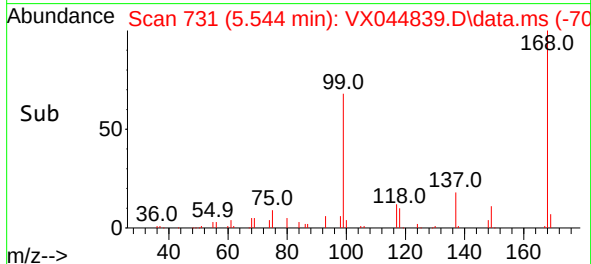
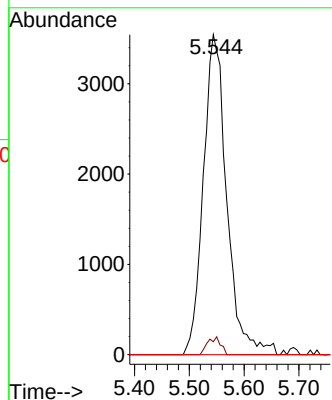


#38
Carbon Tetrachloride
Concen: 5.341 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX044839.D
Acq: 05 Feb 2025 13:31

Instrument :
MSVOA_X
ClientSampleId :

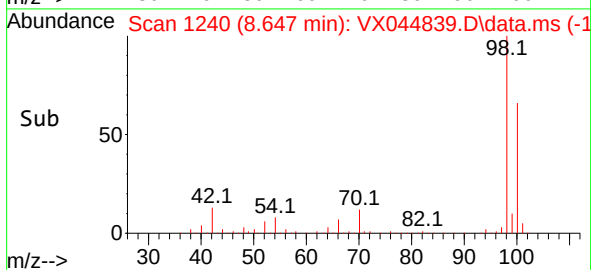
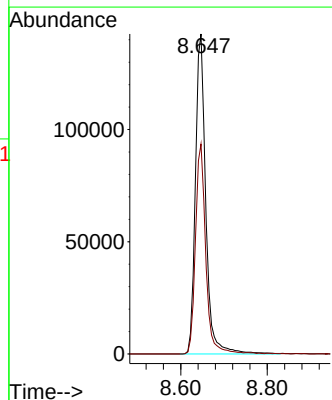
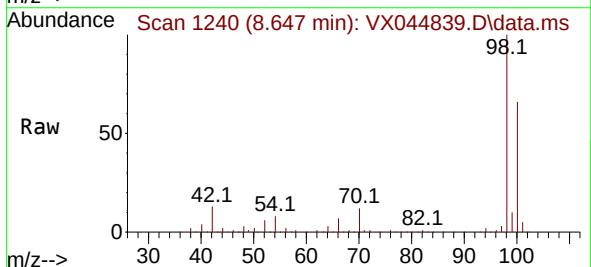


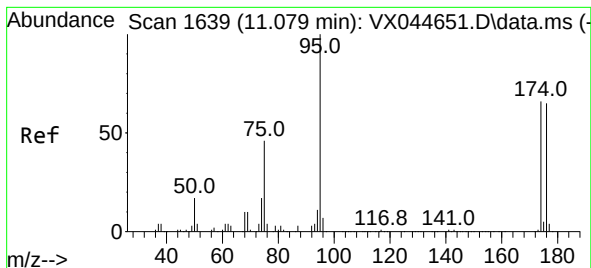
Tgt Ion:117 Resp: 10533
Ion Ratio Lower Upper
117 100
119 4.0 76.0 114.0#
121 0.0 24.6 36.8#



#50
Toluene-d8
Concen: 53.987 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX044839.D
Acq: 05 Feb 2025 13:31

Tgt Ion: 98 Resp: 237090
Ion Ratio Lower Upper
98 100
100 64.9 53.2 79.8

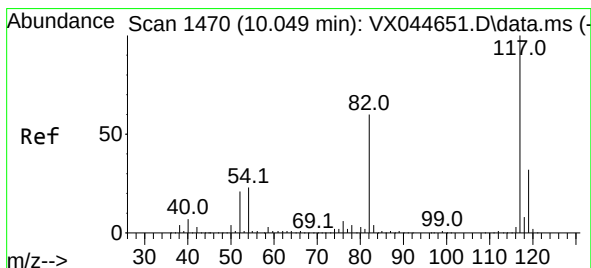
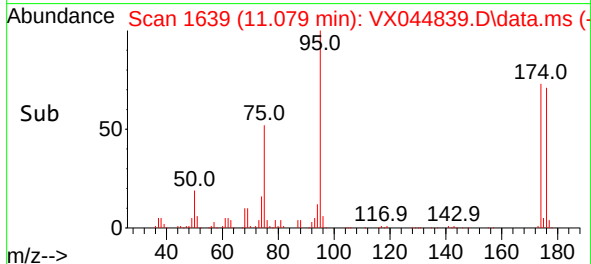
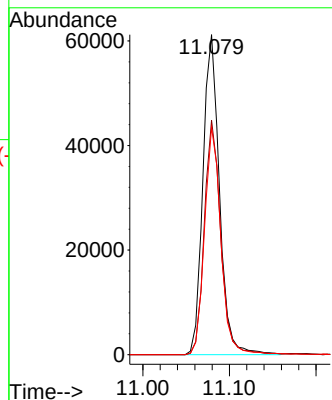
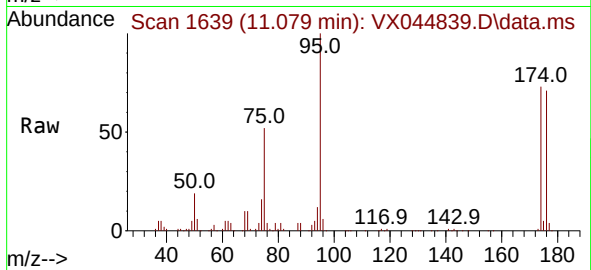




#62
4-Bromofluorobenzene
Concen: 49.629 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX044839.D
Acq: 05 Feb 2025 13:31

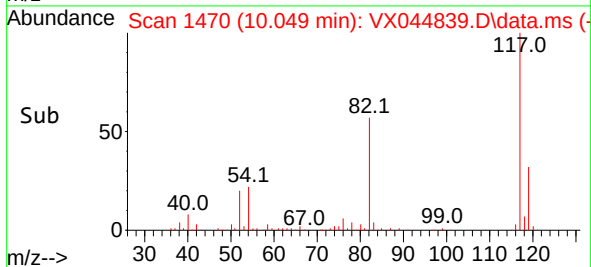
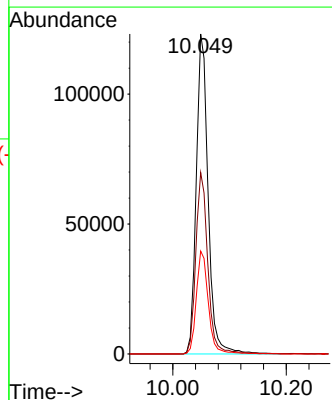
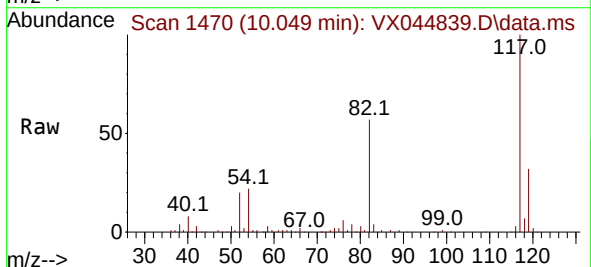
Instrument :
MSVOA_X
ClientSampleId :

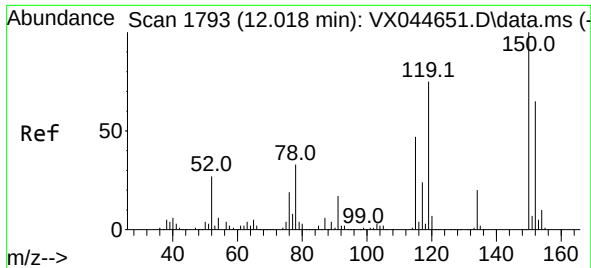
Tgt Ion: 95 Resp: 81250
Ion Ratio Lower Upper
95 100
174 73.0 0.0 133.0
176 70.7 0.0 129.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX044839.D
Acq: 05 Feb 2025 13:31

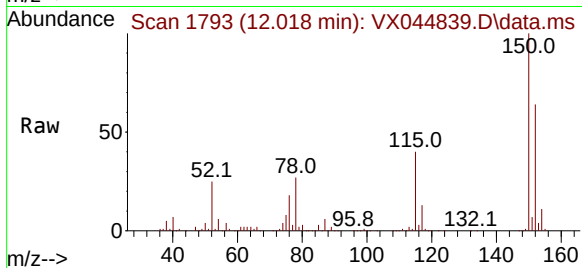
Tgt Ion: 117 Resp: 178932
Ion Ratio Lower Upper
117 100
82 56.7 47.6 71.4
119 32.2 25.4 38.2



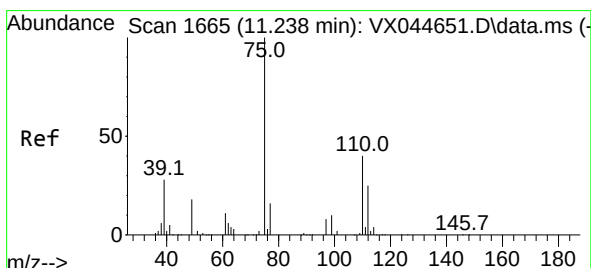
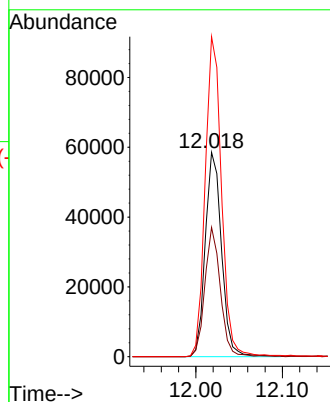
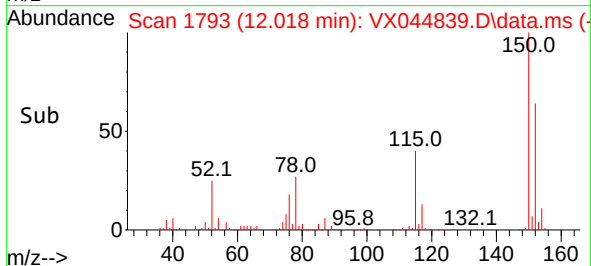


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VX044839.D
 Acq: 05 Feb 2025 13:31

Instrument :
 MSVOA_X
 ClientSampleId :

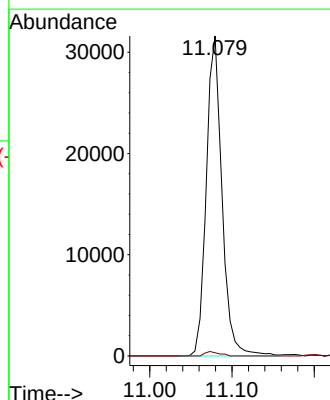
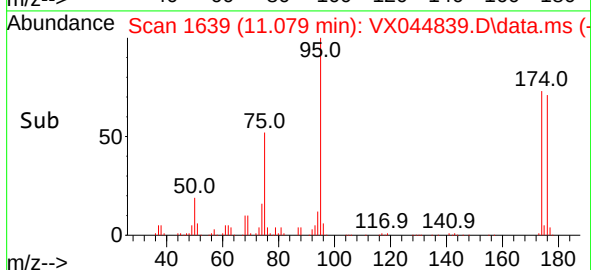
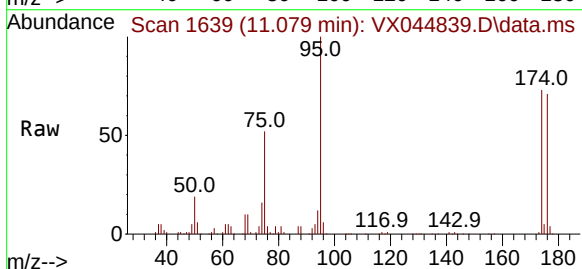


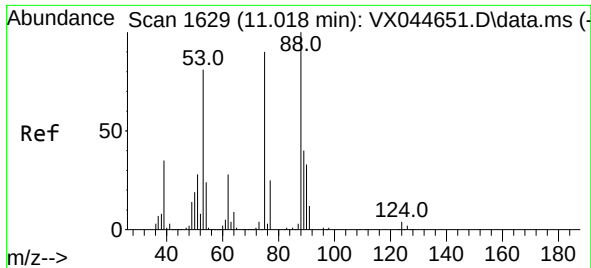
Tgt Ion:152 Resp: 76428
 Ion Ratio Lower Upper
 152 100
 115 60.4 43.8 131.4
 150 158.0 0.0 347.8



#76
 1,2,3-Trichloropropane
 Concen: 22.577 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX044839.D
 Acq: 05 Feb 2025 13:31

Tgt Ion: 75 Resp: 41875
 Ion Ratio Lower Upper
 75 100
 77 1.2 23.4 70.2#

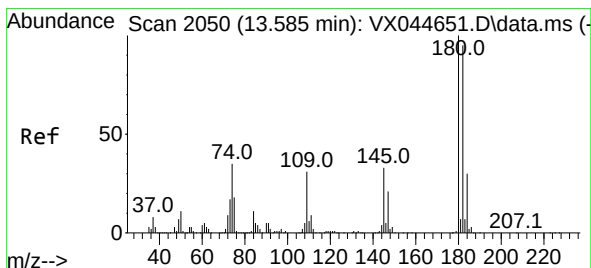
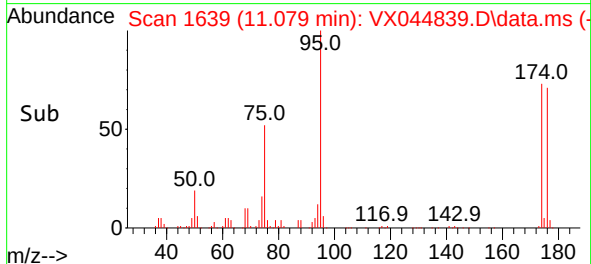
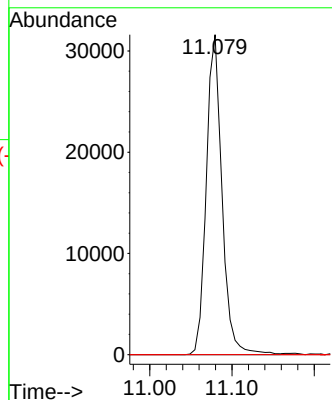
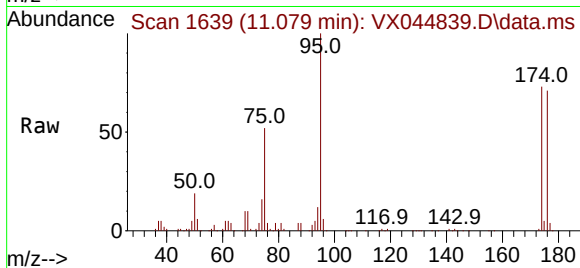




#81
trans-1,4-Dichloro-2-butene
Concen: 51.629 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX044839.D
Acq: 05 Feb 2025 13:31

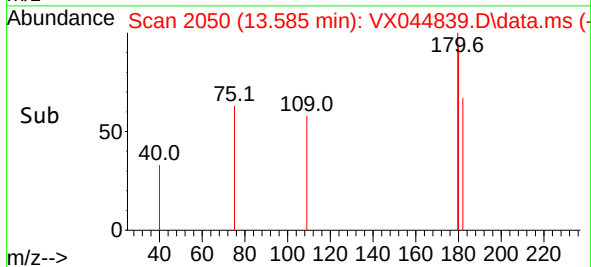
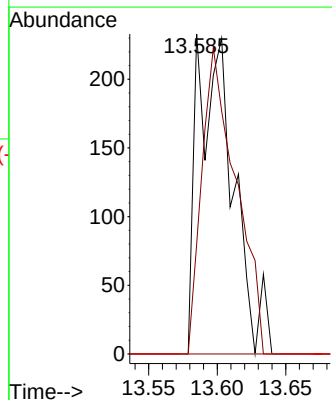
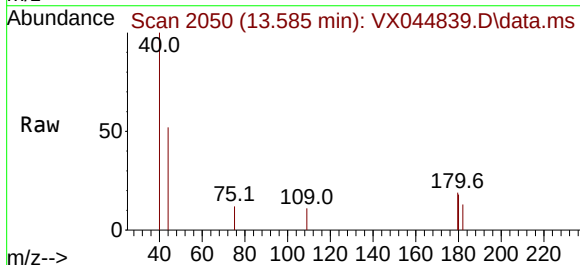
Instrument :
MSVOA_X
ClientSampleId :

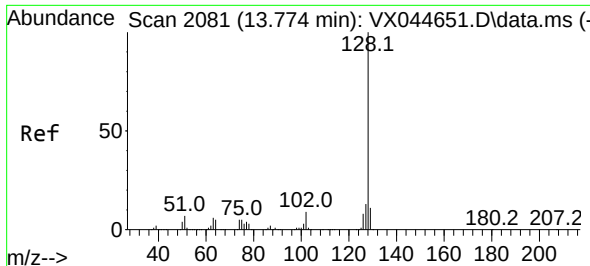
Tgt Ion: 75 Resp: 41875
Ion Ratio Lower Upper
75 100
53 0.0 74.3 111.5#
89 0.0 37.4 56.0#



#93
1,2,4-Trichlorobenzene
Concen: 0.273 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX044839.D
Acq: 05 Feb 2025 13:31

Tgt Ion:180 Resp: 424
Ion Ratio Lower Upper
180 100
182 91.0 47.4 142.2
145 0.0 16.7 50.1#

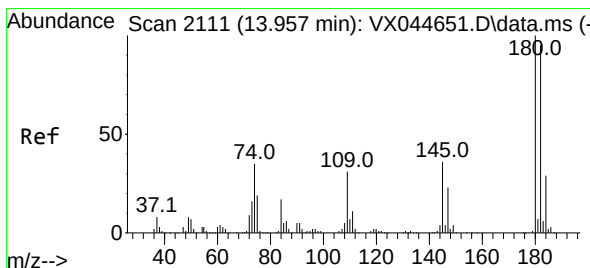
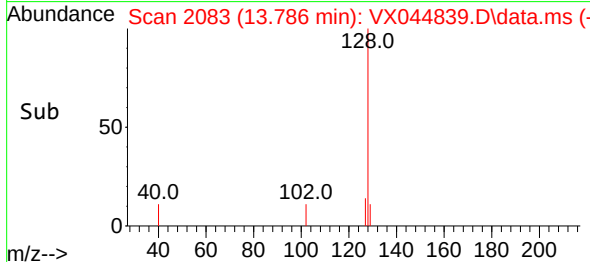
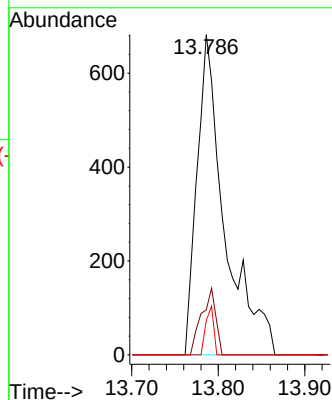
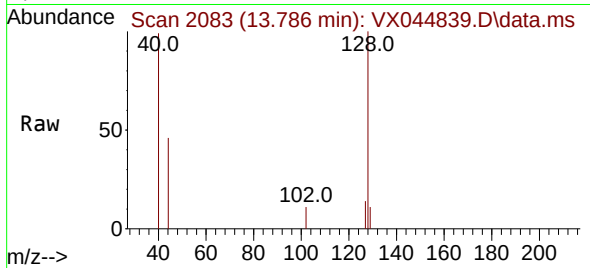




#95
Naphthalene
Concen: 0.254 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.012 min
Lab File: VX044839.D
Acq: 05 Feb 2025 13:31

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:128 Resp: 1520
Ion Ratio Lower Upper
128 100
127 10.7 10.3 15.5
129 4.3 8.7 13.1#



#96
1,2,3-Trichlorobenzene
Concen: 0.225 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX044839.D
Acq: 05 Feb 2025 13:31

Tgt Ion:180 Resp: 363
Ion Ratio Lower Upper
180 100
182 76.3 47.2 141.6
145 12.7 17.5 52.6#

