

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120924\
 Data File : VX044176.D
 Acq On : 09 Dec 2024 10:35
 Operator : JC/MD
 Sample : VX1209WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 10 01:36:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

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

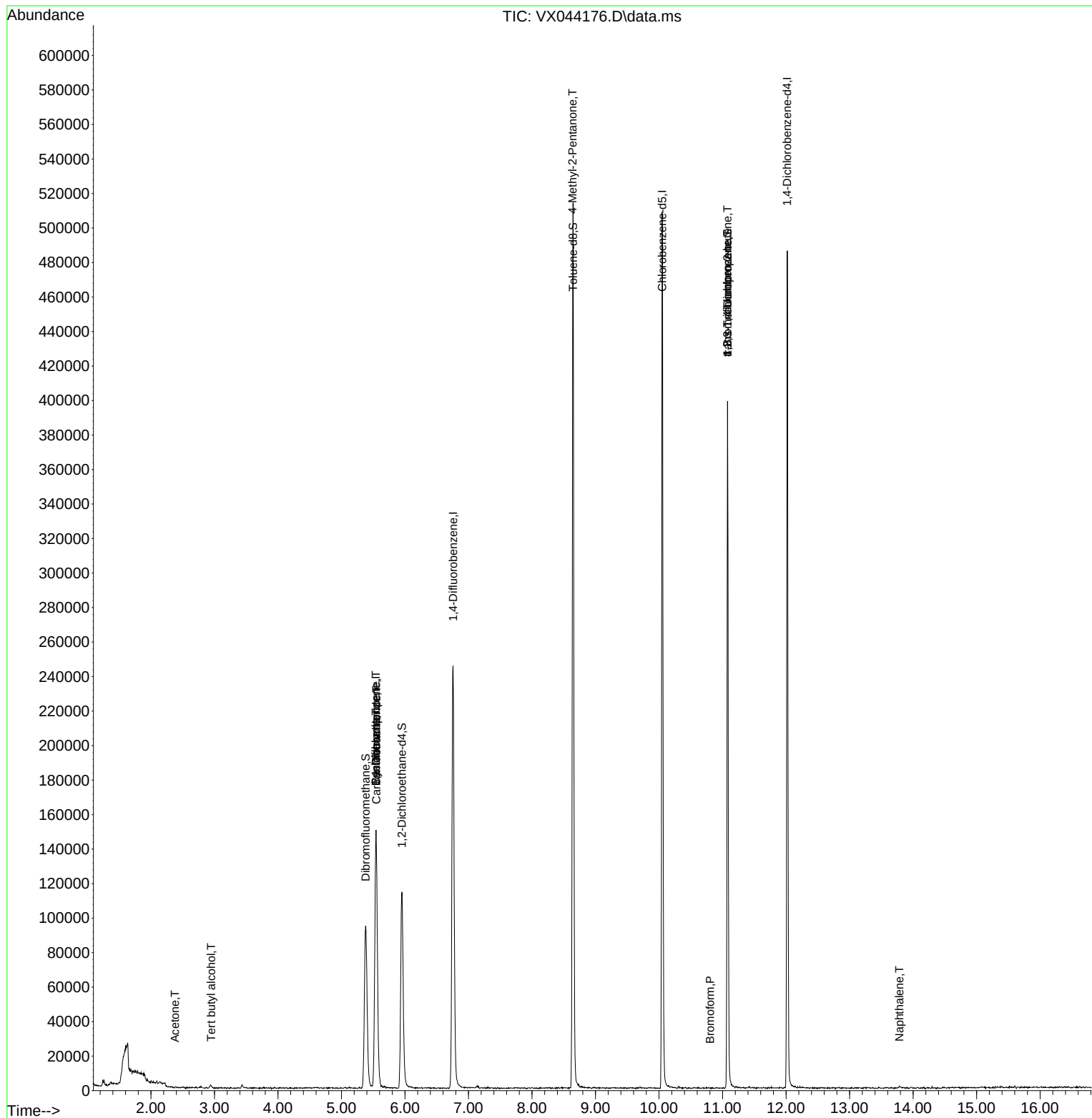
Internal Standards						
1) Pentafluorobenzene	5.544	168	127252	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	245969	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	212379	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	90543	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	114252	52.347	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.700%	
35) Dibromofluoromethane	5.379	113	81564	46.407	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 92.820%	
50) Toluene-d8	8.647	98	303349	50.070	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.140%	
62) 4-Bromofluorobenzene	11.079	95	101473	49.214	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 98.420%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.947	59	721	2.058	ug/l #	73
16) Acetone	2.380	43	259	0.258	ug/l #	77
31) Cyclohexane	5.544	56	3731	1.534	ug/l #	15
36) 1,1-Dichloropropene	5.544	75	12312	5.622	ug/l #	50
38) Carbon Tetrachloride	5.550	117	15319	6.225	ug/l #	15
51) 4-Methyl-2-Pentanone	8.641	43	1676	0.635	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.257	63	19	Below Cal	#	46
71) Bromoform	10.805	173	88	1.283	ug/l #	29
76) 1,2,3-Trichloropropane	11.079	75	57622	29.020	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	57622	79.189	ug/l #	7
95) Naphthalene	13.786	128	1308	0.202	ug/l #	82

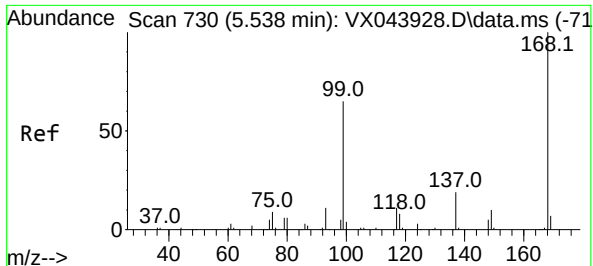
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 10 01:36:56 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration





#1
Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.544 min Scan# 71

Delta R.T. 0.006 min

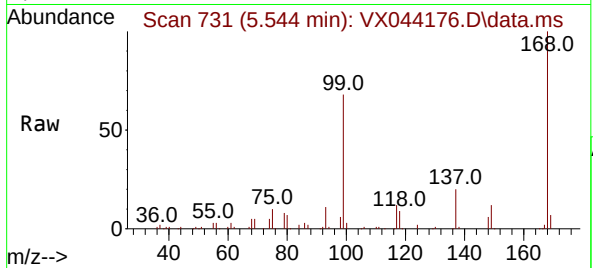
Lab File: VX044176.D

Acq: 09 Dec 2024 10:35

Instrument :

MSVOA_X

ClientSampleId :

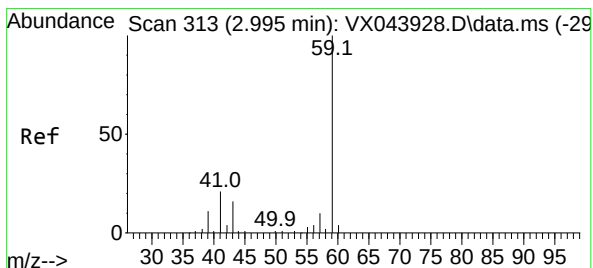
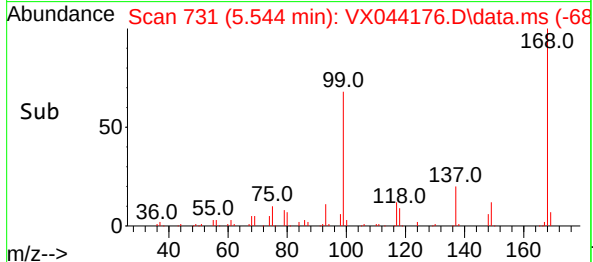
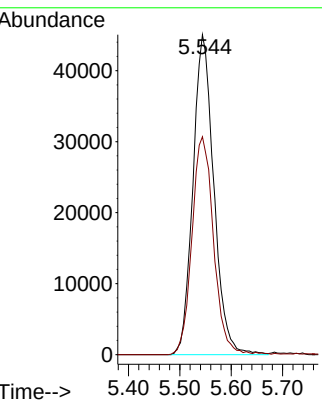


Tgt Ion:168 Resp: 127252

Ion Ratio Lower Upper

168 100

99 68.1 51.8 77.8



#11

Tert butyl alcohol

Concen: 2.058 ug/l

RT: 2.947 min Scan# 305

Delta R.T. -0.049 min

Lab File: VX044176.D

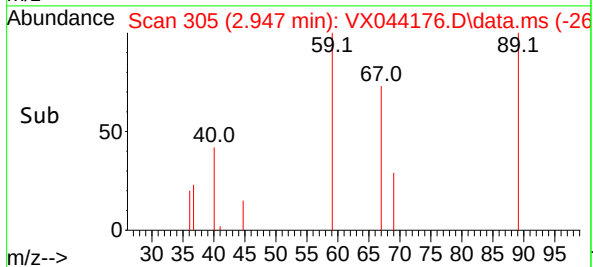
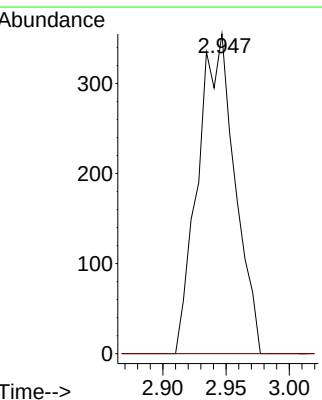
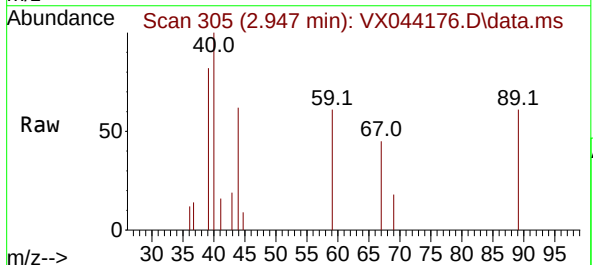
Acq: 09 Dec 2024 10:35

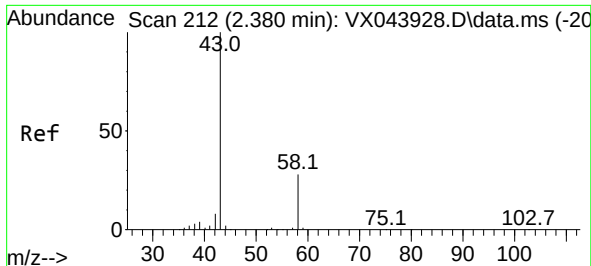
Tgt Ion: 59 Resp: 721

Ion Ratio Lower Upper

59 100

57 0.0 7.9 11.9#

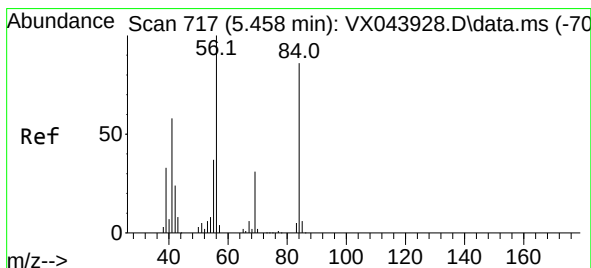
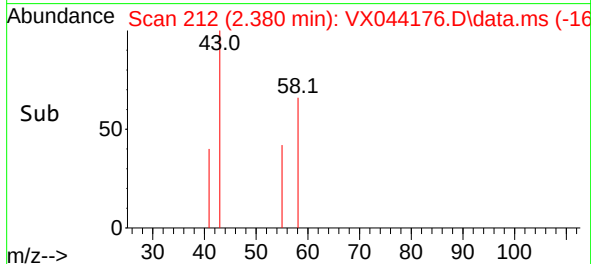
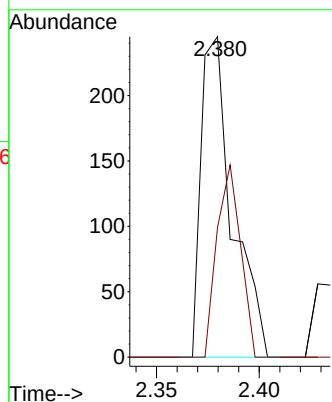
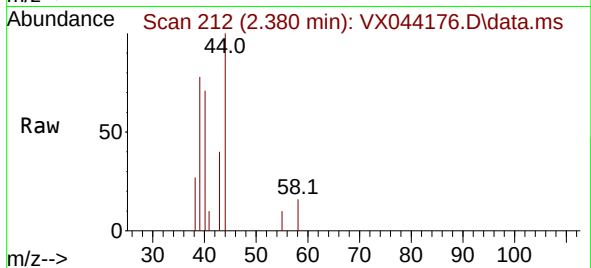




#16
Acetone
Concen: 0.258 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX044176.D
Acq: 09 Dec 2024 10:35

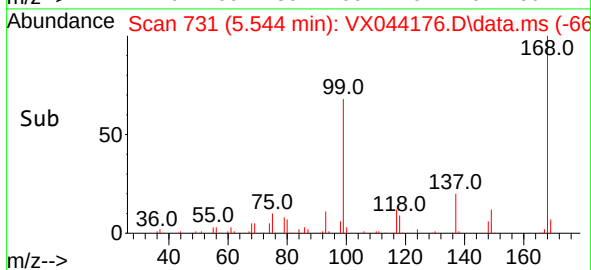
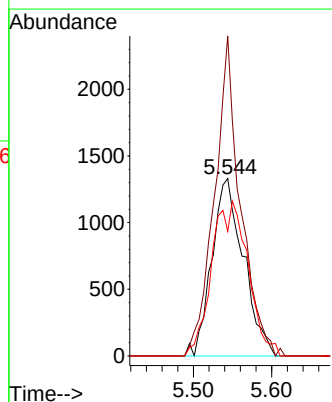
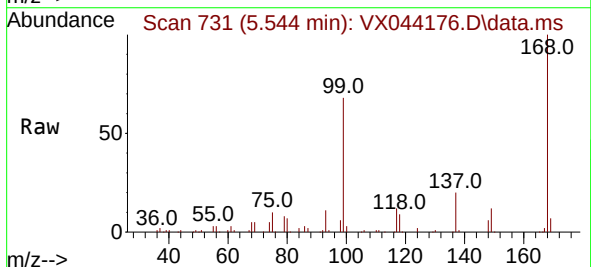
Instrument :
MSVOA_X
ClientSampleId :

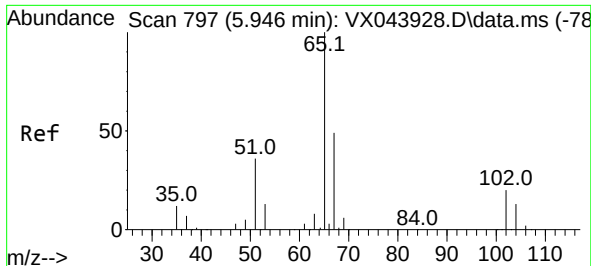
Tgt Ion: 43 Resp: 259
Ion Ratio Lower Upper
43 100
58 40.4 22.7 34.1#



#31
Cyclohexane
Concen: 1.534 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.085 min
Lab File: VX044176.D
Acq: 09 Dec 2024 10:35

Tgt Ion: 56 Resp: 3731
Ion Ratio Lower Upper
56 100
69 180.4 24.7 37.1#
84 70.2 68.7 103.1

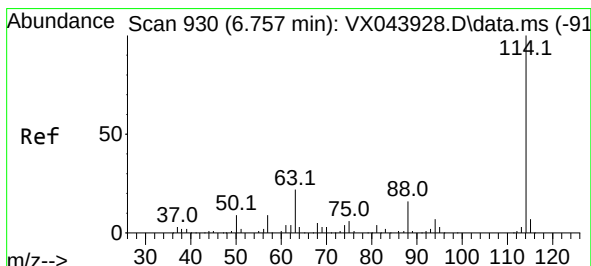
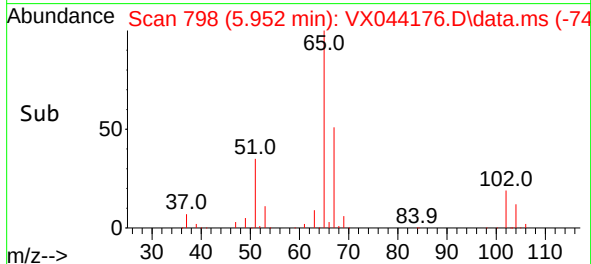
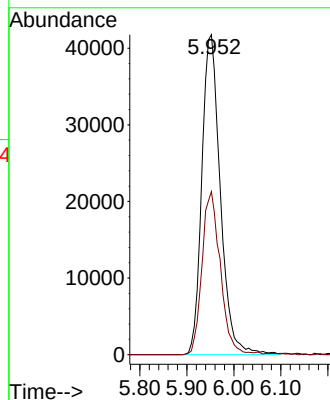
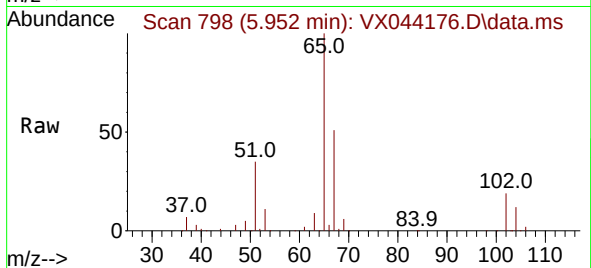




#33
 1,2-Dichloroethane-d4
 Concen: 52.347 ug/l
 RT: 5.952 min Scan# 797
 Delta R.T. 0.006 min
 Lab File: VX044176.D
 Acq: 09 Dec 2024 10:35

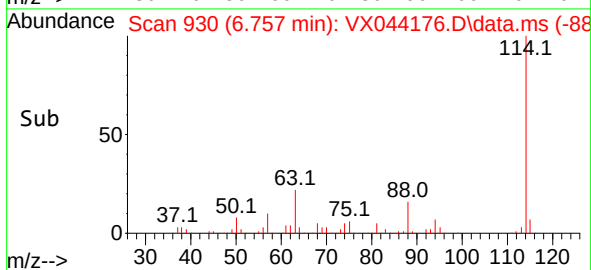
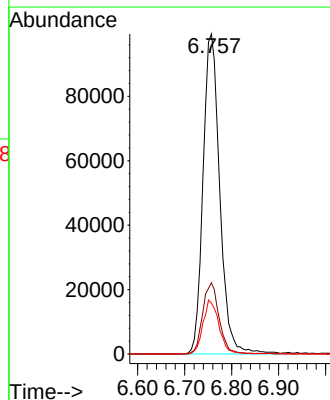
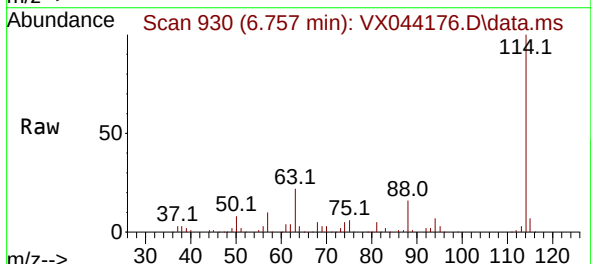
Instrument :
 MSVOA_X
 ClientSampleId :

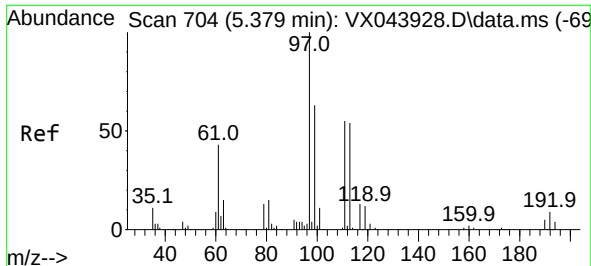
Tgt Ion: 65 Resp: 114252
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 100.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.000 min
 Lab File: VX044176.D
 Acq: 09 Dec 2024 10:35

Tgt Ion: 114 Resp: 245969
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 44.0
 88 15.9 0.0 32.4





#35

Dibromofluoromethane

Concen: 46.407 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.000 min

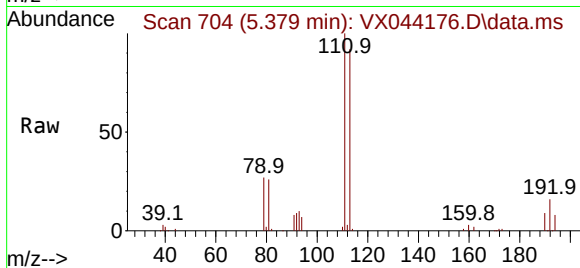
Lab File: VX044176.D

Acq: 09 Dec 2024 10:35

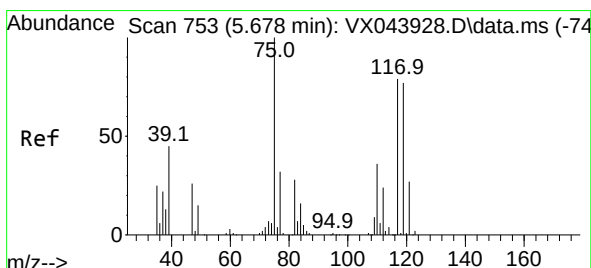
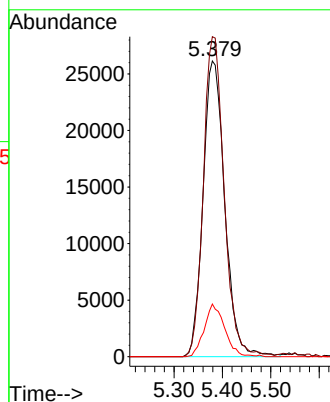
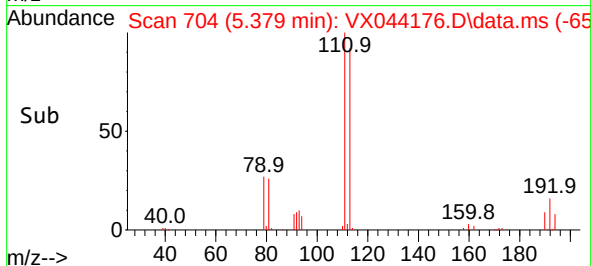
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	113	Resp:	81564
Ion	Ratio	Lower	Upper
113	100		
111	103.4	81.0	121.4
192	16.8	13.0	19.6



#36

1,1-Dichloropropene

Concen: 5.622 ug/l

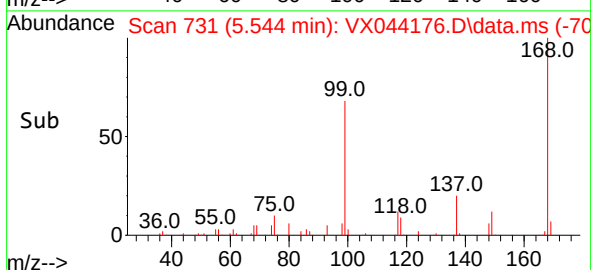
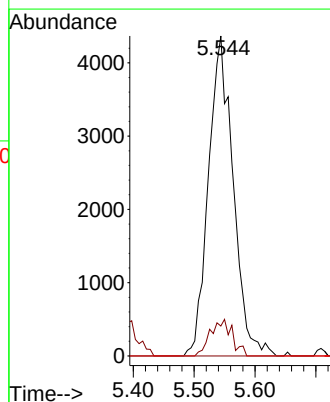
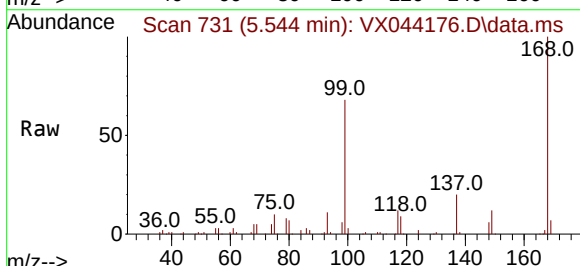
RT: 5.544 min Scan# 731

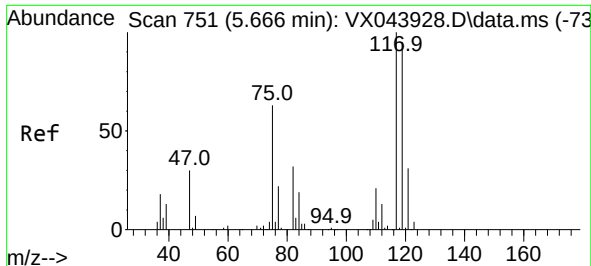
Delta R.T. -0.134 min

Lab File: VX044176.D

Acq: 09 Dec 2024 10:35

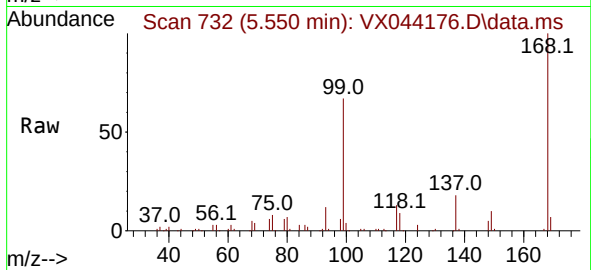
Tgt Ion:	75	Resp:	12312
Ion	Ratio	Lower	Upper
75	100		
110	10.1	17.4	52.2#
77	0.0	25.8	38.8#



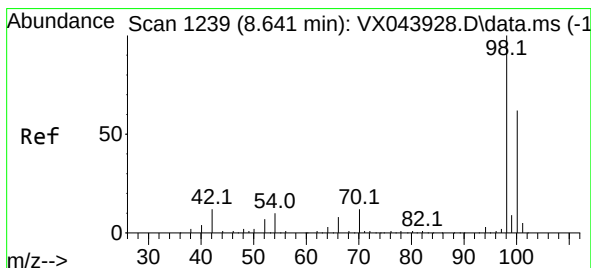
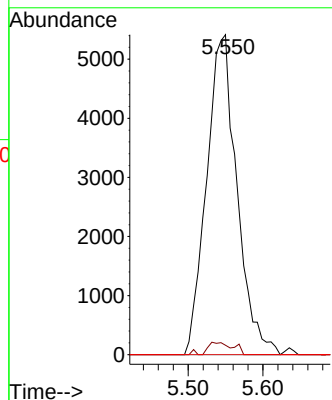
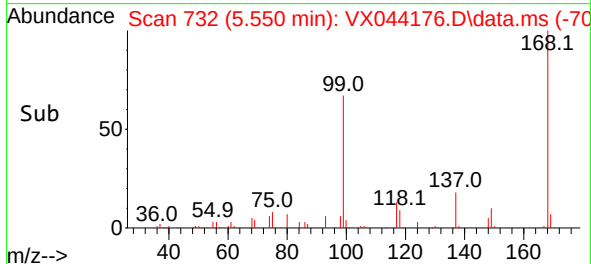


#38
Carbon Tetrachloride
Concen: 6.225 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.116 min
Lab File: VX044176.D
Acq: 09 Dec 2024 10:35

Instrument :
MSVOA_X
ClientSampleId :

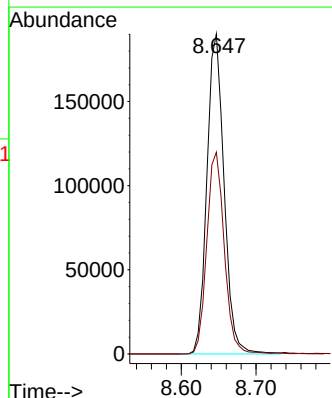
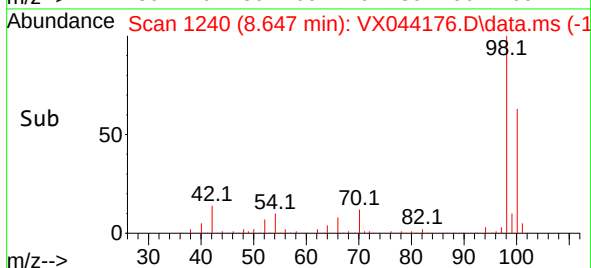
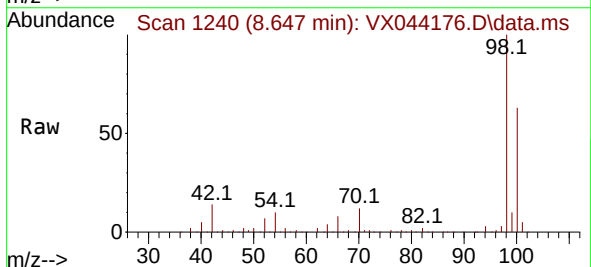


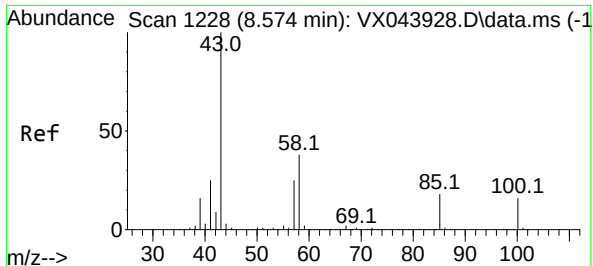
Tgt Ion:117 Resp: 15319
Ion Ratio Lower Upper
117 100
119 2.9 75.2 112.8#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 50.070 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.006 min
Lab File: VX044176.D
Acq: 09 Dec 2024 10:35

Tgt Ion: 98 Resp: 303349
Ion Ratio Lower Upper
98 100
100 64.1 52.6 79.0

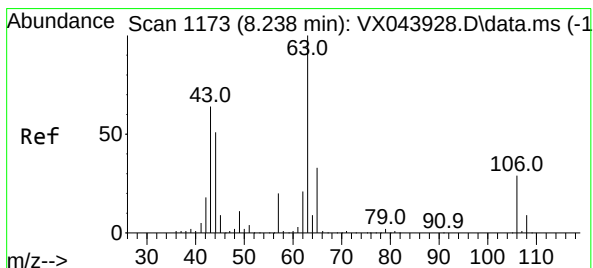
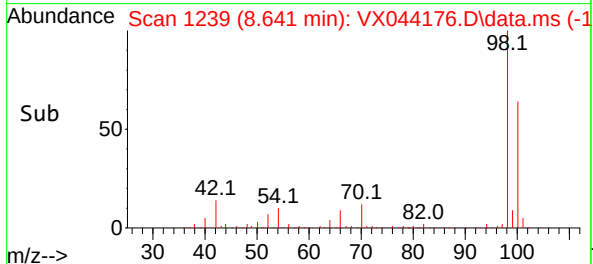
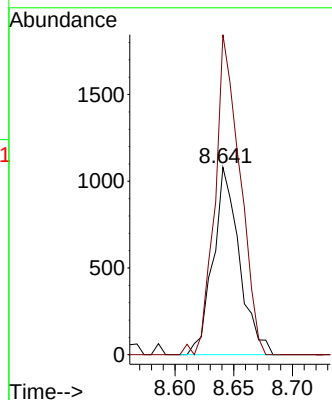
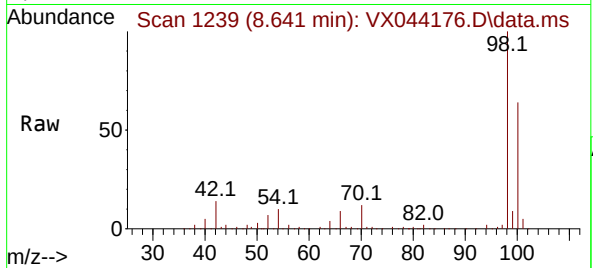




#51
4-Methyl-2-Pentanone
Concen: 0.635 ug/l
RT: 8.641 min Scan# 1176
Delta R.T. 0.067 min
Lab File: VX044176.D
Acq: 09 Dec 2024 10:35

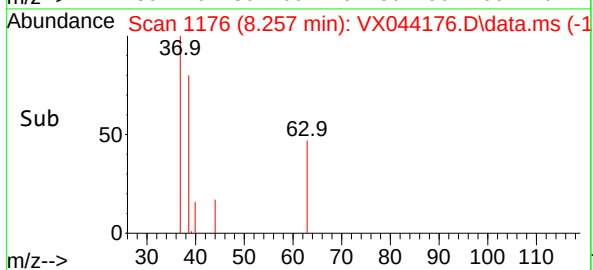
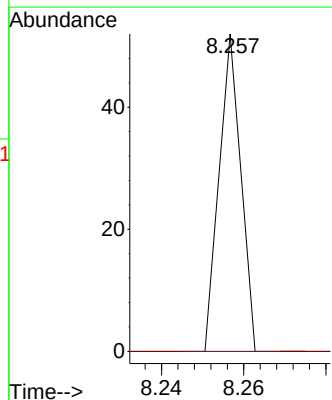
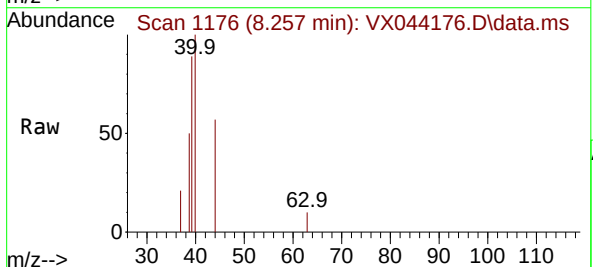
Instrument :
MSVOA_X
ClientSampleId :

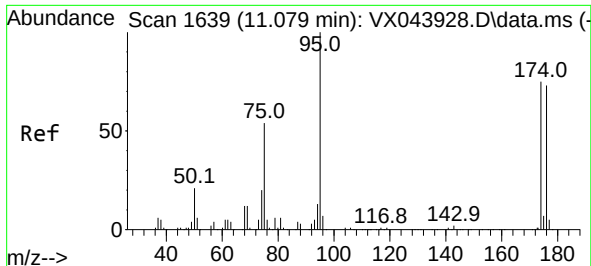
Tgt Ion: 43 Resp: 1676
Ion Ratio Lower Upper
43 100
58 163.7 30.0 45.0#



#58
2-Chloroethyl Vinyl ether
Concen: Below Cal
RT: 8.257 min Scan# 1176
Delta R.T. 0.018 min
Lab File: VX044176.D
Acq: 09 Dec 2024 10:35

Tgt Ion: 63 Resp: 19
Ion Ratio Lower Upper
63 100
106 0.0 23.0 34.6#

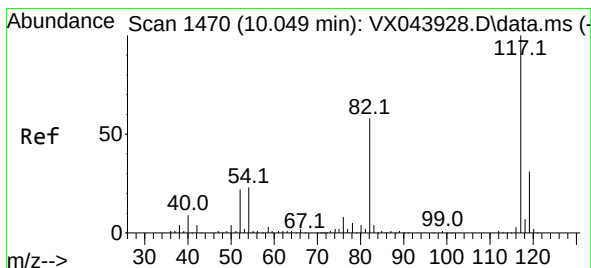
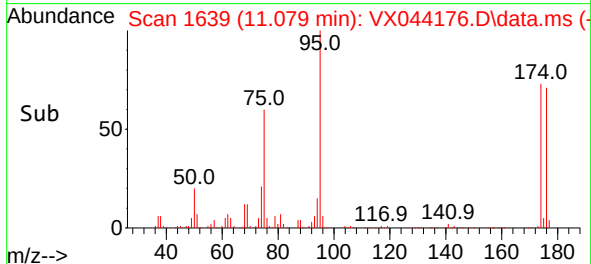
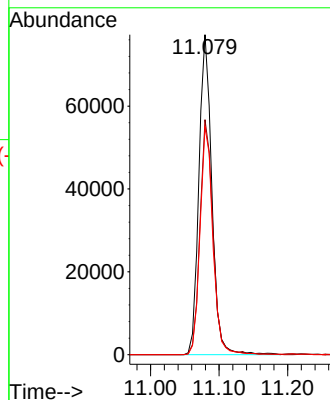
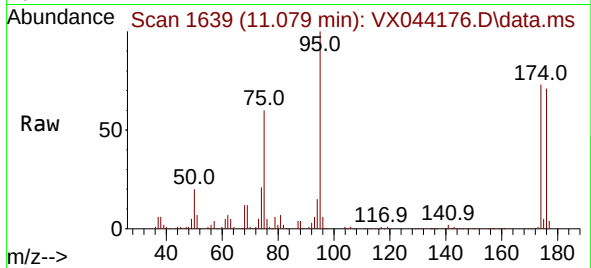




#62
4-Bromofluorobenzene
Concen: 49.214 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX044176.D
Acq: 09 Dec 2024 10:35

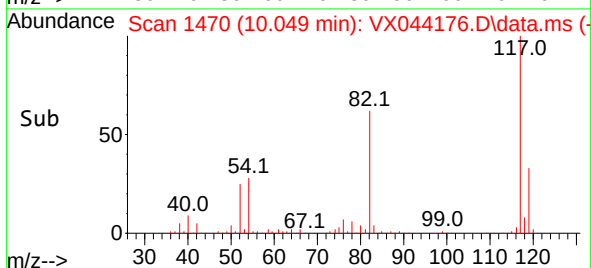
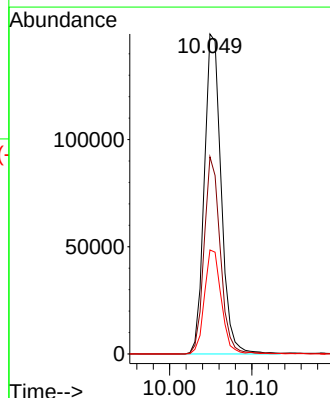
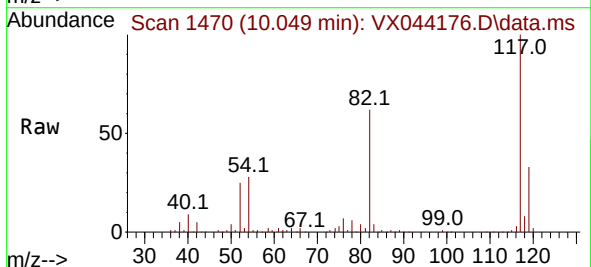
Instrument :
MSVOA_X
ClientSampleId :

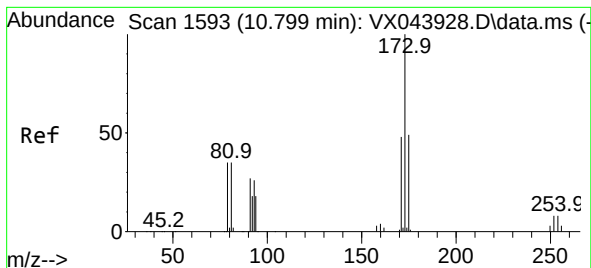
Tgt Ion: 95 Resp: 101473
Ion Ratio Lower Upper
95 100
174 74.6 0.0 150.4
176 71.0 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX044176.D
Acq: 09 Dec 2024 10:35

Tgt Ion: 117 Resp: 212379
Ion Ratio Lower Upper
117 100
82 61.6 46.4 69.6
119 32.5 24.6 37.0





#71

Bromoform

Concen: 1.283 ug/l

RT: 10.805 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX044176.D

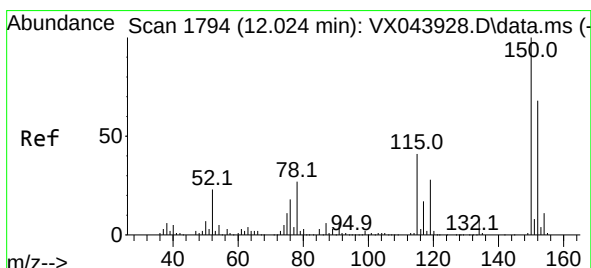
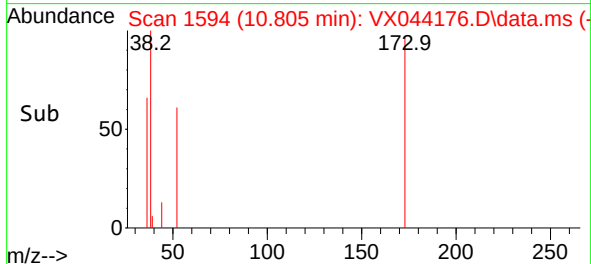
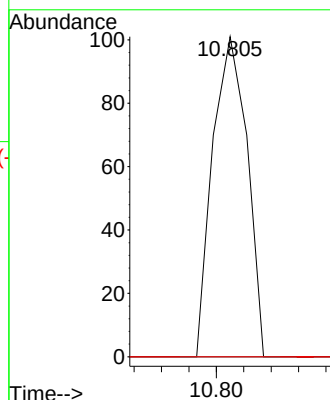
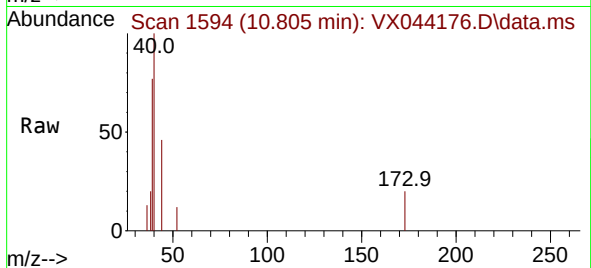
Acq: 09 Dec 2024 10:35

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:173	Resp:	88
Ion Ratio	Lower	Upper
173	100	
175	0.0	24.1 72.2#
254	0.0	0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

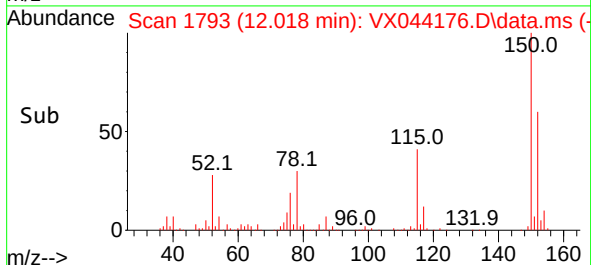
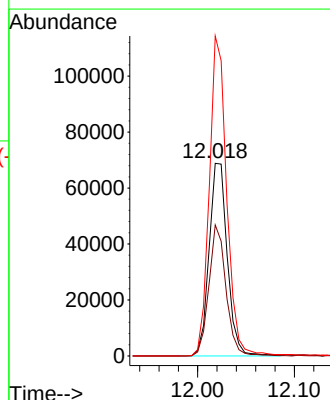
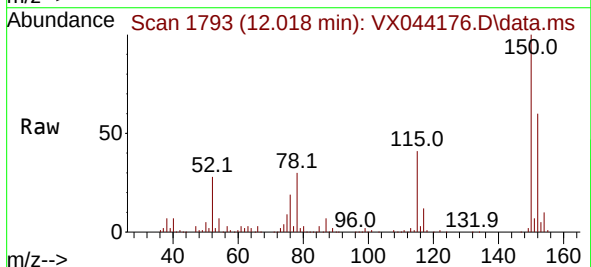
RT: 12.018 min Scan# 1793

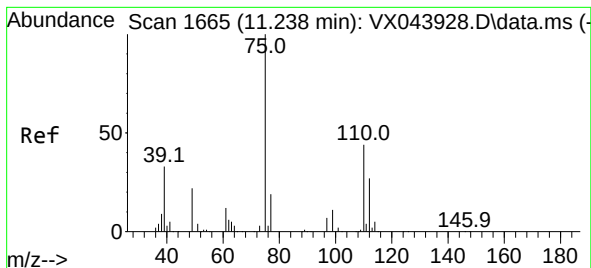
Delta R.T. -0.006 min

Lab File: VX044176.D

Acq: 09 Dec 2024 10:35

Tgt Ion:152	Resp:	90543
Ion Ratio	Lower	Upper
152	100	
115	63.8	45.4 136.2
150	159.0	0.0 353.0





#76

1,2,3-Trichloropropane

Concen: 29.020 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.159 min

Lab File: VX044176.D

Acq: 09 Dec 2024 10:35

Instrument :

MSVOA_X

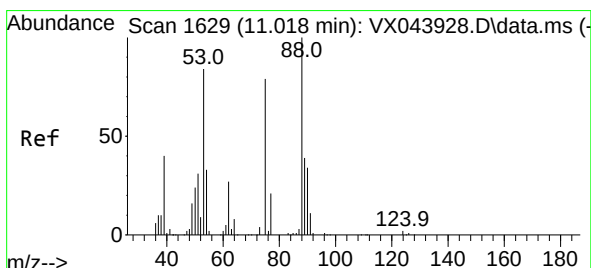
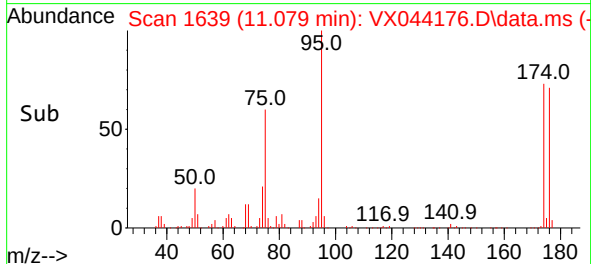
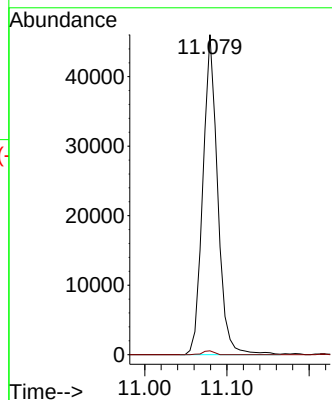
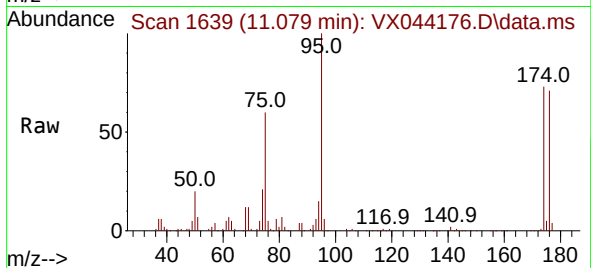
ClientSampleId :

Tgt Ion: 75 Resp: 57622

Ion Ratio Lower Upper

75 100

77 0.9 21.8 65.3#



#81

trans-1,4-Dichloro-2-butene

Concen: 79.189 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX044176.D

Acq: 09 Dec 2024 10:35

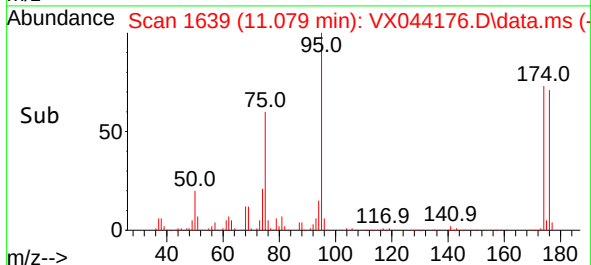
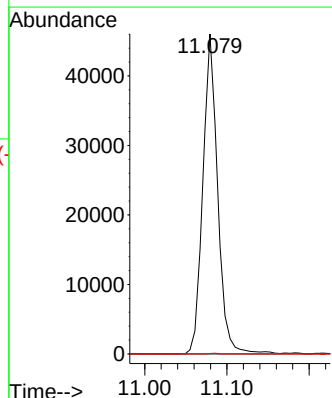
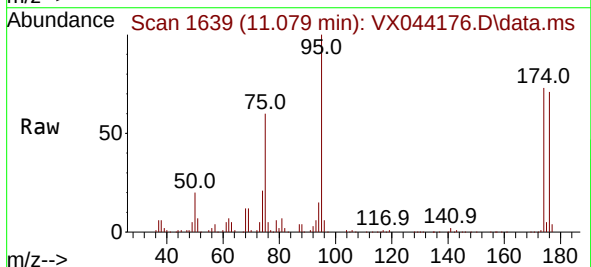
Tgt Ion: 75 Resp: 57622

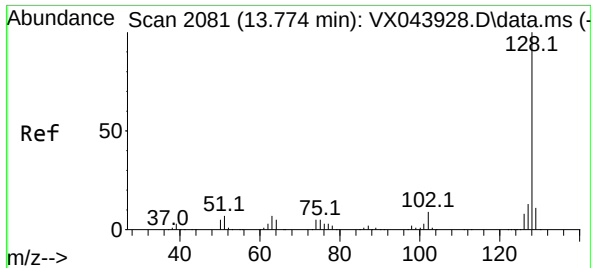
Ion Ratio Lower Upper

75 100

53 0.0 86.7 130.1#

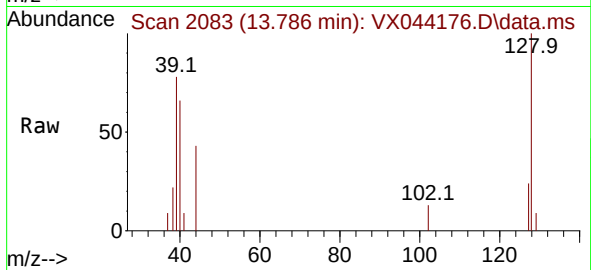
89 0.1 38.2 57.2#





#95
Naphthalene
Concen: 0.202 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.012 min
Lab File: VX044176.D
Acq: 09 Dec 2024 10:35

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 1308
Ion Ratio Lower Upper
128 100
127 7.2 10.2 15.2#
129 1.8 8.6 12.8#

