

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051623\
 Data File : VX035693.D
 Acq On : 16 May 2023 16:02
 Operator : JC/MD
 Sample : 02615-01RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 001-1

Quant Time: May 17 05:31:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 11 13:57:54 2023
 Response via : Initial Calibration

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

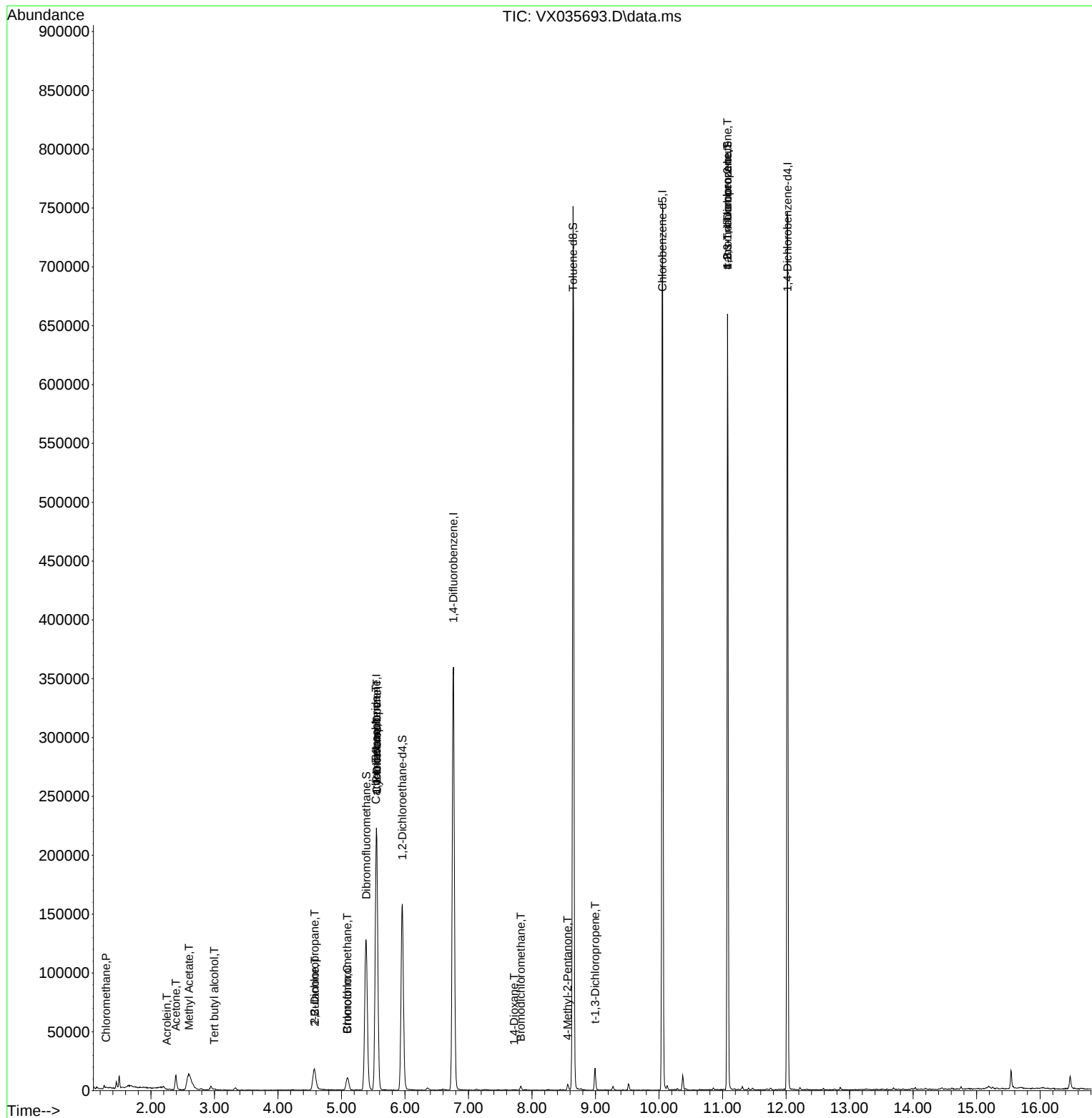
Internal Standards						
1) Pentafluorobenzene	5.550	168	188096	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	345471	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	316300	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	142714	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	157904	48.121	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.240%
35) Dibromofluoromethane	5.391	113	111505	47.859	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.720%
50) Toluene-d8	8.647	98	413204	48.008	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.020%
62) 4-Bromofluorobenzene	11.079	95	172443	49.759	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.520%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	1135	0.382	ug/l	90
11) Tert butyl alcohol	2.995	59	1513	2.613	ug/l	# 77
13) Acrolein	2.251	56	167	0.243	ug/l	# 29
16) Acetone	2.392	43	14878	10.549	ug/l	# 89
18) Methyl Acetate	2.599	43	11044	2.123	ug/l	# 53
25) 2-Butanone	4.580	43	3344	1.713	ug/l	# 87
26) 2,2-Dichloropropane	4.574	77	1357	0.341	ug/l	# 53
28) Bromochloromethane	5.092	49	1213	0.574	ug/l	# 15
30) Chloroform	5.092	83	12730	2.644	ug/l	88
31) Cyclohexane	5.556	56	5172	1.248	ug/l	# 19
36) 1,1-Dichloropropene	5.556	75	18615	5.062	ug/l	# 51
38) Carbon Tetrachloride	5.544	117	21972	6.307	ug/l	# 16
47) Bromodichloromethane	7.824	83	2186	0.606	ug/l	# 97
49) 1,4-Dioxane	7.720	88	47	2.643	ug/l	# 1
51) 4-Methyl-2-Pentanone	8.561	43	5173	1.342	ug/l	# 45
53) t-1,3-Dichloropropene	8.994	75	1219	0.311	ug/l	89
76) 1,2,3-Trichloropropane	11.079	75	94677	27.122	ug/l	# 34
81) trans-1,4-Dichloro-2-b...	11.079	75	94677	87.409	ug/l	# 8

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051623\
Data File : VX035693.D
Acq On : 16 May 2023 16:02
Operator : JC/MD
Sample : 02615-01RE
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
001-1

Quant Time: May 17 05:31:50 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
Quant Title : SW846 8260
QLast Update : Thu May 11 13:57:54 2023
Response via : Initial Calibration

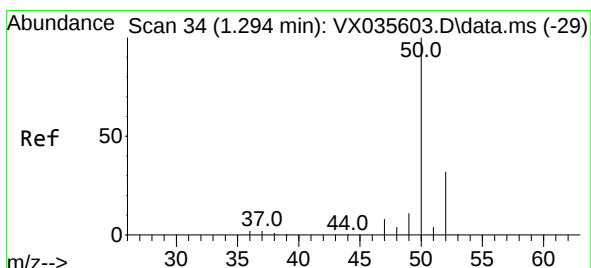
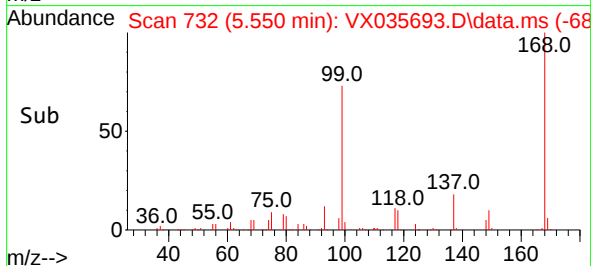
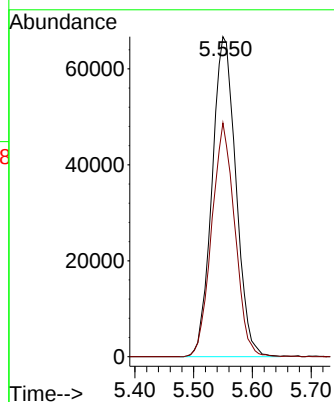
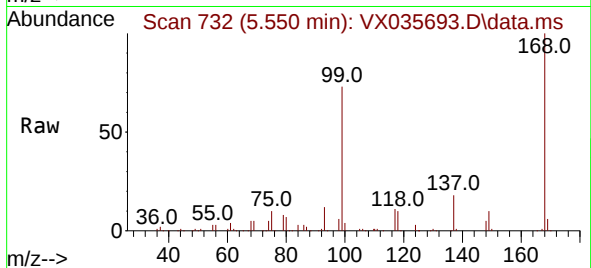




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX035693.D
Acq: 16 May 2023 16:02

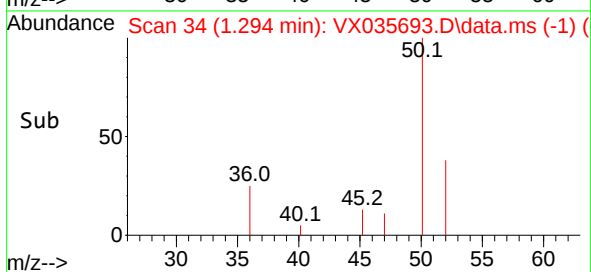
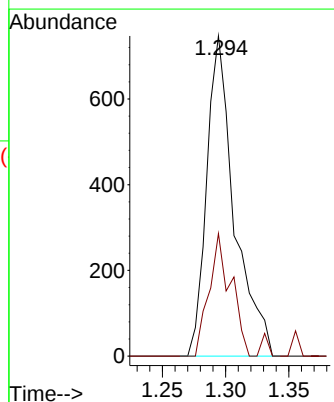
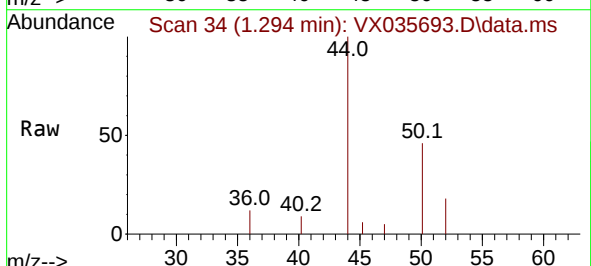
Instrument :
MSVOA_X
ClientSampleId :
001-1

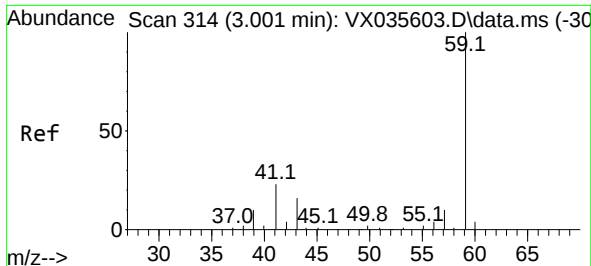
Tgt Ion:168 Resp: 188096
Ion Ratio Lower Upper
168 100
99 73.1 45.7 68.5#



#3
Chloromethane
Concen: 0.382 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX035693.D
Acq: 16 May 2023 16:02

Tgt Ion: 50 Resp: 1135
Ion Ratio Lower Upper
50 100
52 38.3 25.9 38.9





#11

Tert butyl alcohol

Concen: 2.613 ug/l

RT: 2.995 min Scan# 31

Delta R.T. -0.006 min

Lab File: VX035693.D

Acq: 16 May 2023 16:02

Instrument :

MSVOA_X

ClientSampleId :

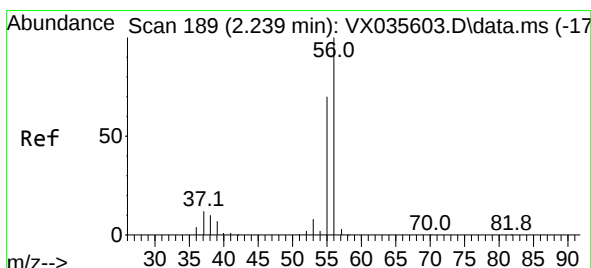
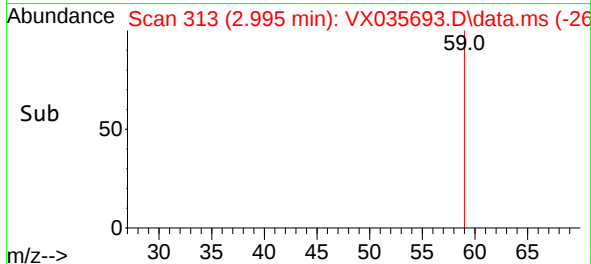
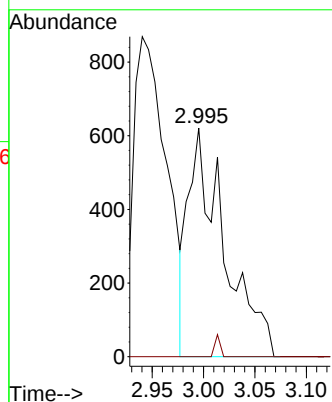
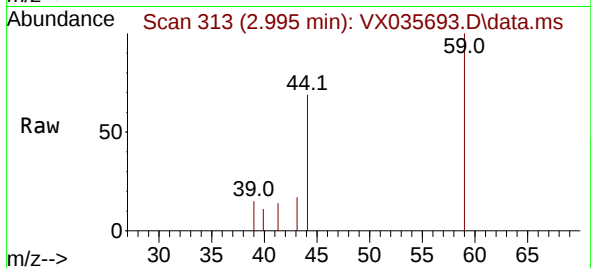
001-1

Tgt Ion: 59 Resp: 1513

Ion Ratio Lower Upper

59 100

57 1.5 8.1 12.1#



#13

Acrolein

Concen: 0.243 ug/l

RT: 2.251 min Scan# 191

Delta R.T. 0.012 min

Lab File: VX035693.D

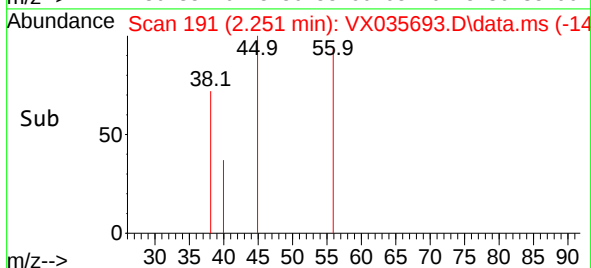
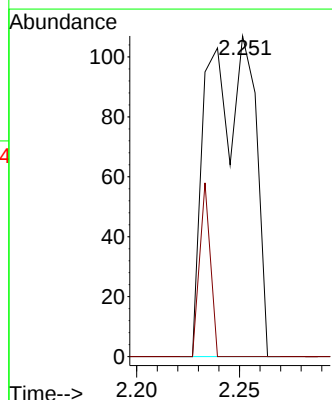
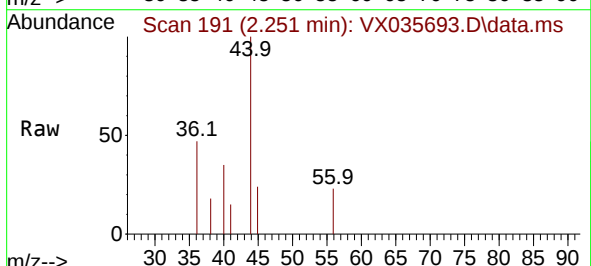
Acq: 16 May 2023 16:02

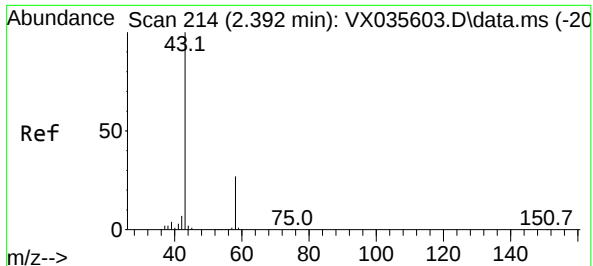
Tgt Ion: 56 Resp: 167

Ion Ratio Lower Upper

56 100

55 12.6 56.6 85.0#

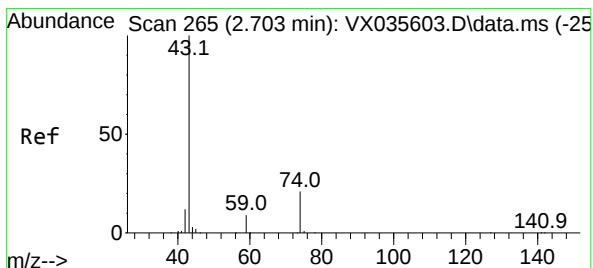
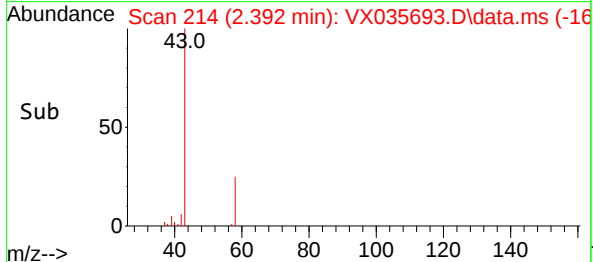
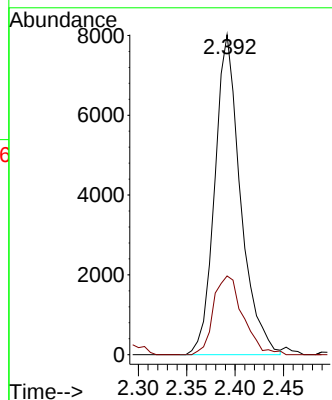
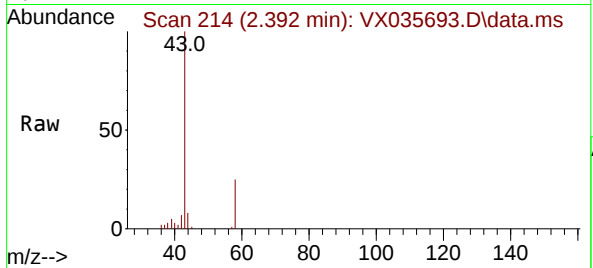




#16
Acetone
Concen: 10.549 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX035693.D
Acq: 16 May 2023 16:02

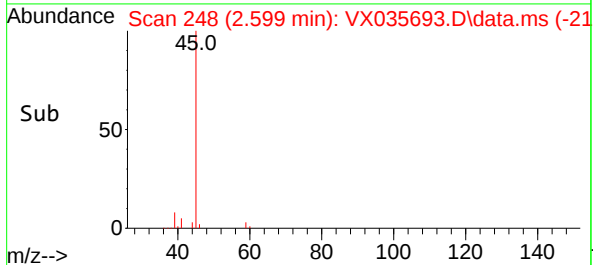
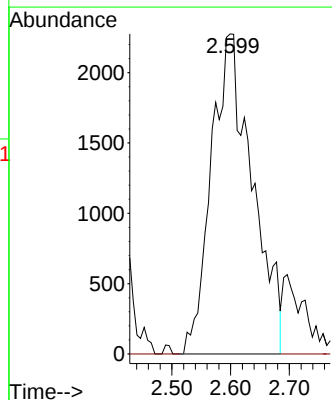
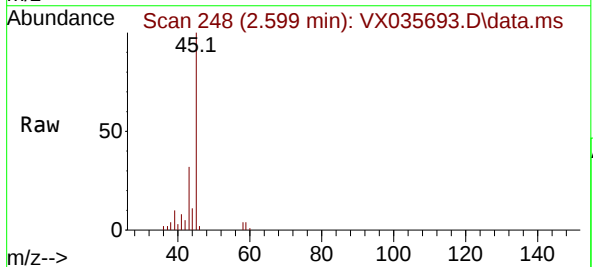
Instrument :
MSVOA_X
ClientSampleId :
001-1

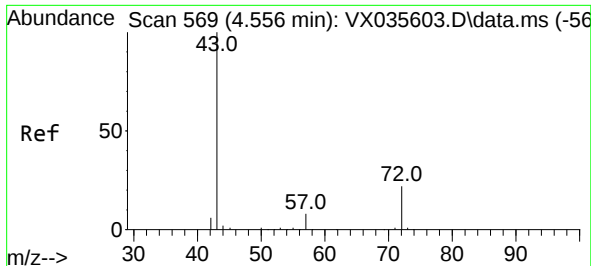
Tgt Ion: 43 Resp: 14878
Ion Ratio Lower Upper
43 100
58 24.6 24.7 37.1#



#18
Methyl Acetate
Concen: 2.123 ug/l
RT: 2.599 min Scan# 248
Delta R.T. -0.104 min
Lab File: VX035693.D
Acq: 16 May 2023 16:02

Tgt Ion: 43 Resp: 11044
Ion Ratio Lower Upper
43 100
74 0.0 18.3 27.5#





#25

2-Butanone

Concen: 1.713 ug/l

RT: 4.580 min Scan# 51

Delta R.T. 0.024 min

Lab File: VX035693.D

Acq: 16 May 2023 16:02

Instrument :

MSVOA_X

ClientSampleId :

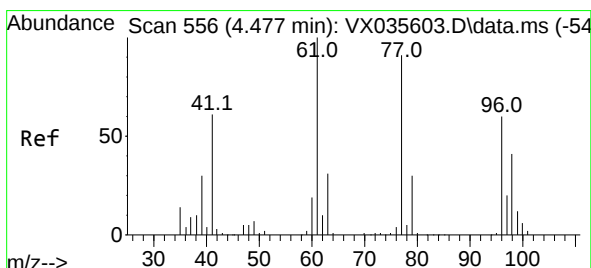
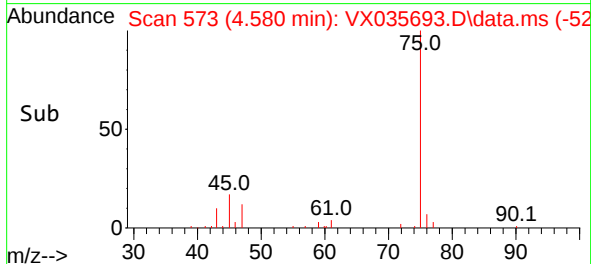
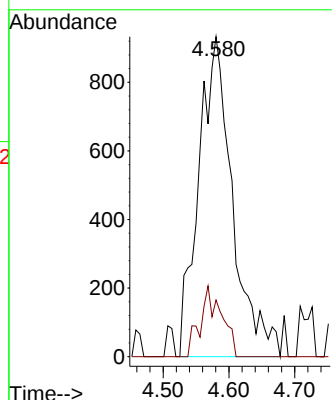
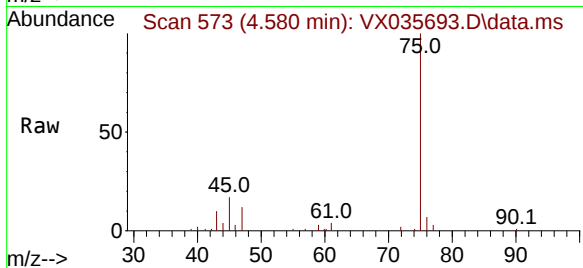
001-1

Tgt Ion: 43 Resp: 3344

Ion Ratio Lower Upper

43 100

72 17.7 19.3 28.9#



#26

2,2-Dichloropropane

Concen: 0.341 ug/l

RT: 4.574 min Scan# 572

Delta R.T. 0.097 min

Lab File: VX035693.D

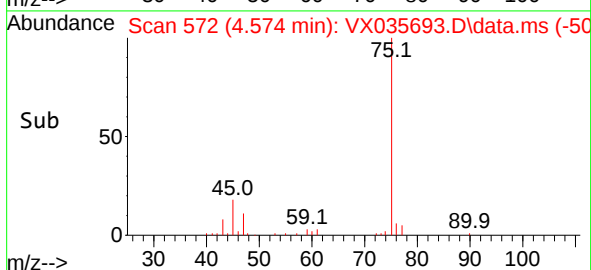
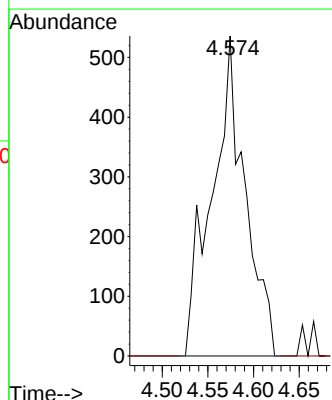
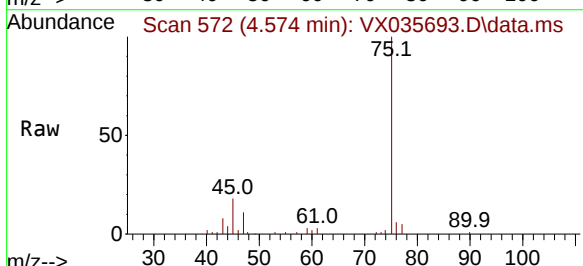
Acq: 16 May 2023 16:02

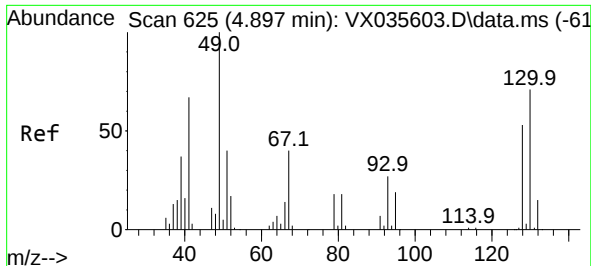
Tgt Ion: 77 Resp: 1357

Ion Ratio Lower Upper

77 100

97 0.0 11.4 34.1#





#28

Bromochloromethane

Concen: 0.574 ug/l

RT: 5.092 min Scan# 61

Delta R.T. 0.195 min

Lab File: VX035693.D

Acq: 16 May 2023 16:02

Instrument :

MSVOA_X

ClientSampleId :

001-1

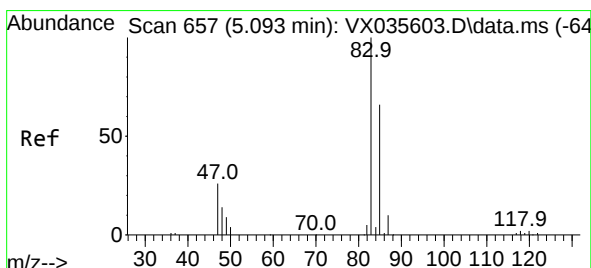
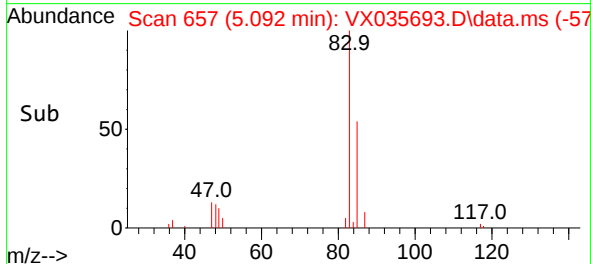
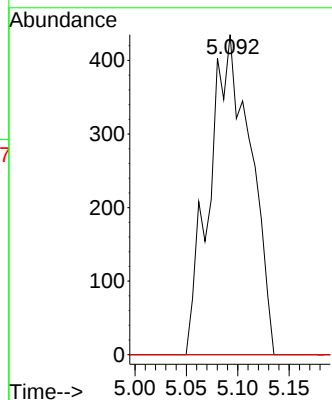
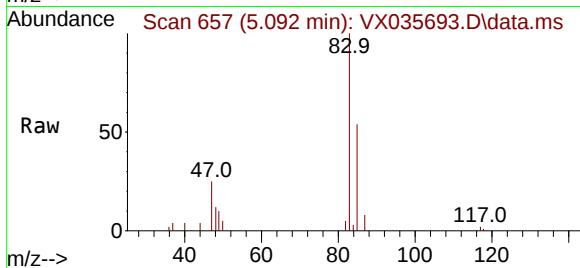
Tgt Ion: 49 Resp: 1213

Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.0

130 0.0 58.2 87.2#



#30

Chloroform

Concen: 2.644 ug/l

RT: 5.092 min Scan# 657

Delta R.T. -0.001 min

Lab File: VX035693.D

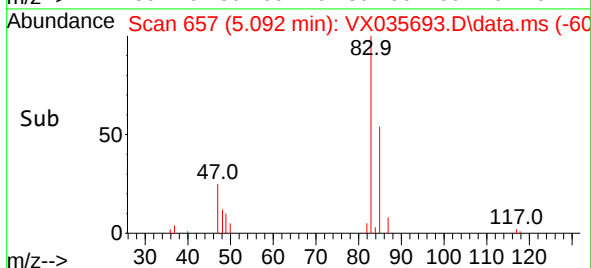
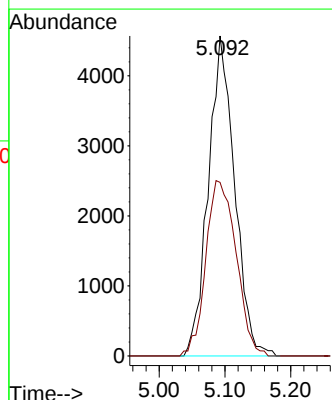
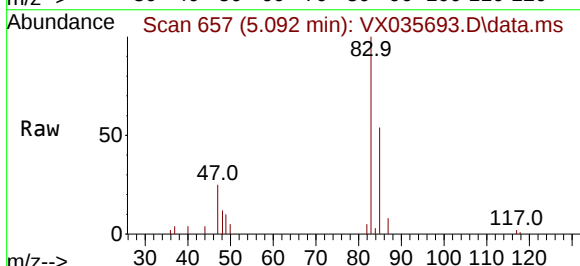
Acq: 16 May 2023 16:02

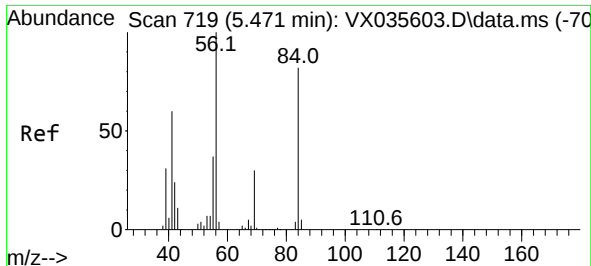
Tgt Ion: 83 Resp: 12730

Ion Ratio Lower Upper

83 100

85 54.3 50.6 76.0

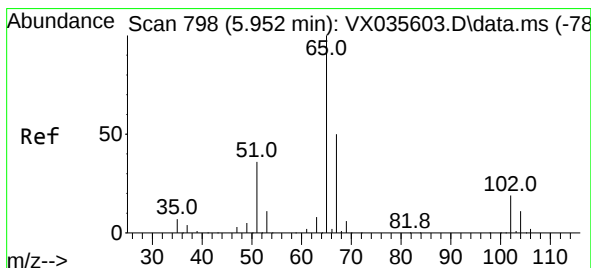
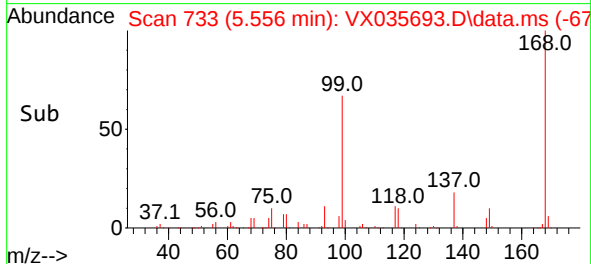
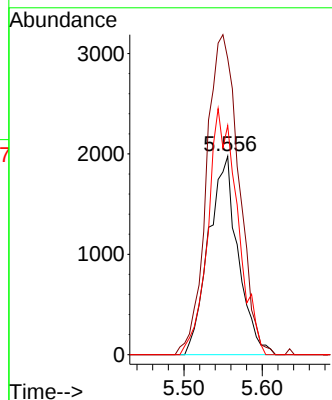
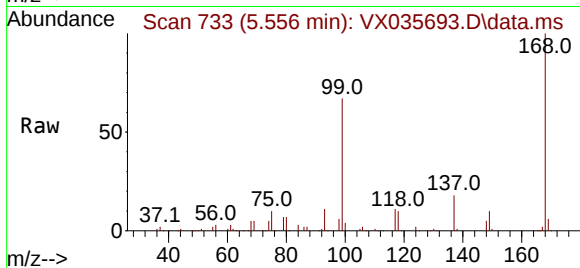




#31
Cyclohexane
Concen: 1.248 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX035693.D
Acq: 16 May 2023 16:02

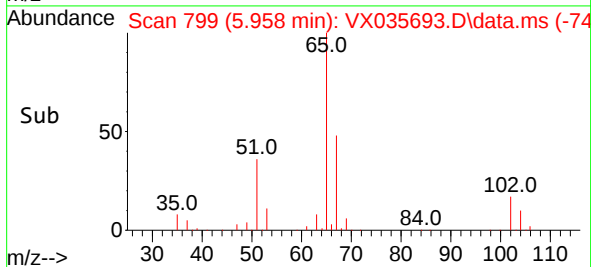
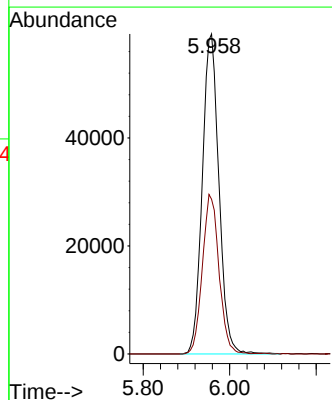
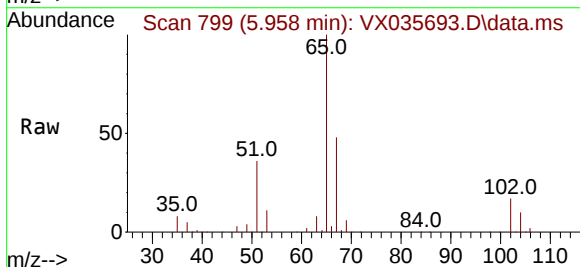
Instrument :
MSVOA_X
ClientSampleId :
001-1

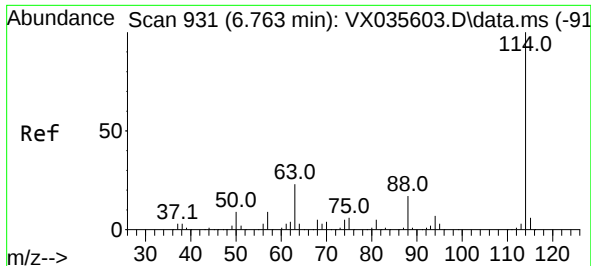
Tgt Ion: 56 Resp: 5172
Ion Ratio Lower Upper
56 100
69 149.3 23.7 35.5#
84 115.5 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 48.121 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX035693.D
Acq: 16 May 2023 16:02

Tgt Ion: 65 Resp: 157904
Ion Ratio Lower Upper
65 100
67 49.8 0.0 104.0

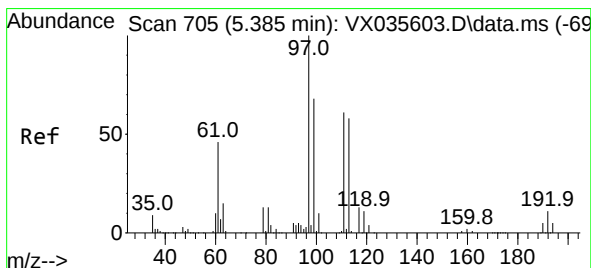
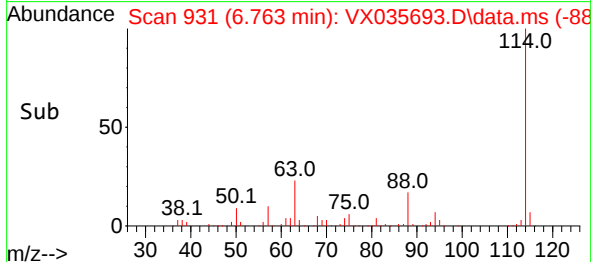
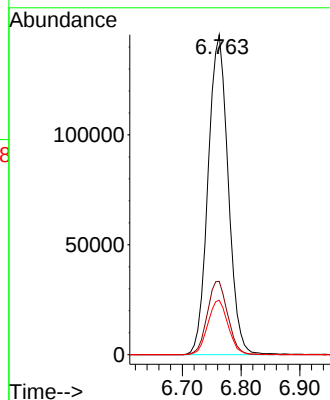
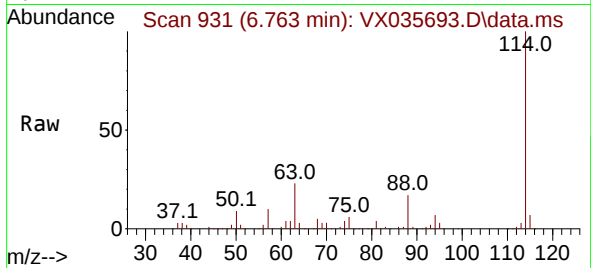




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX035693.D
Acq: 16 May 2023 16:02

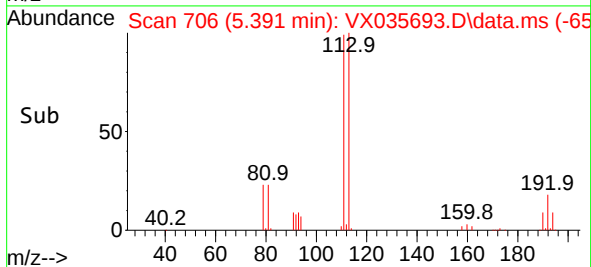
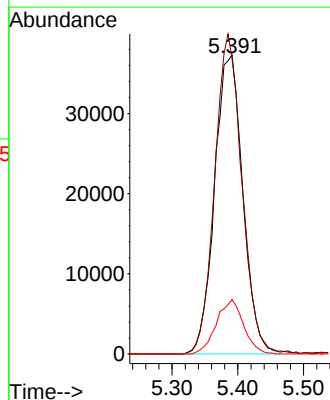
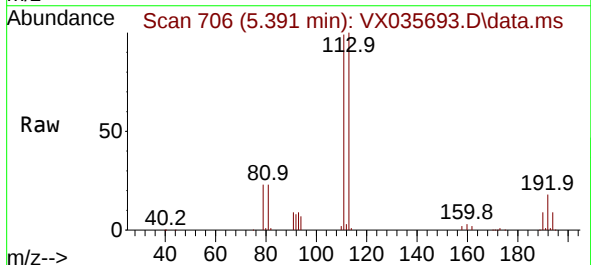
Instrument :
MSVOA_X
ClientSampleId :
001-1

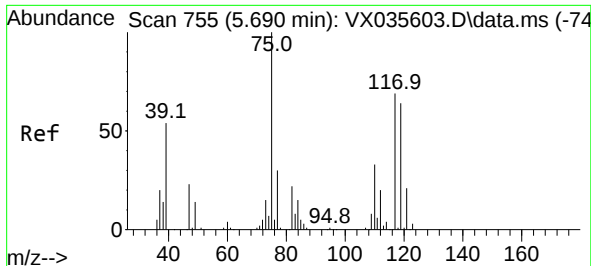
Tgt Ion:114 Resp: 345471
Ion Ratio Lower Upper
114 100
63 22.9 0.0 42.2
88 17.0 0.0 33.2



#35
Dibromofluoromethane
Concen: 47.859 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX035693.D
Acq: 16 May 2023 16:02

Tgt Ion:113 Resp: 111505
Ion Ratio Lower Upper
113 100
111 103.1 83.7 125.5
192 17.4 15.4 23.2

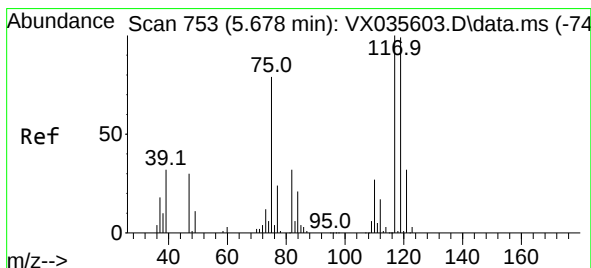
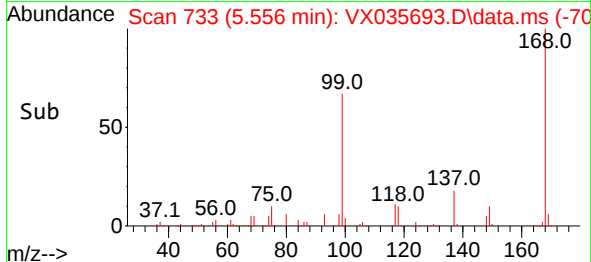
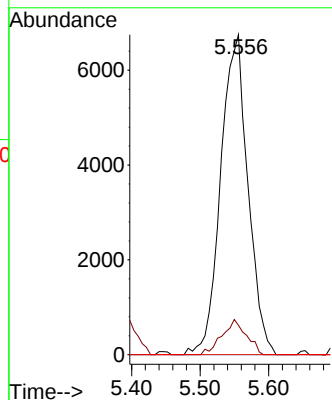
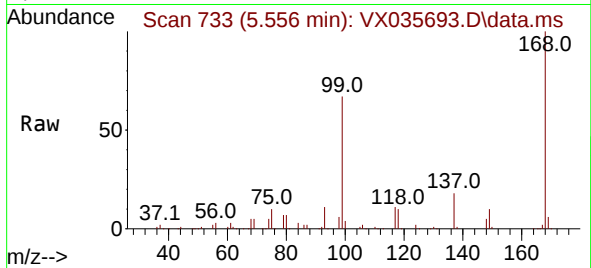




#36
 1,1-Dichloropropene
 Concen: 5.062 ug/l
 RT: 5.556 min Scan# 711
 Delta R.T. -0.134 min
 Lab File: VX035693.D
 Acq: 16 May 2023 16:02

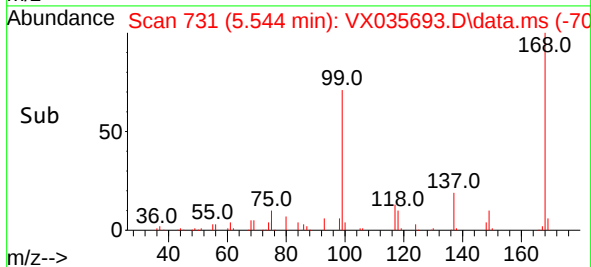
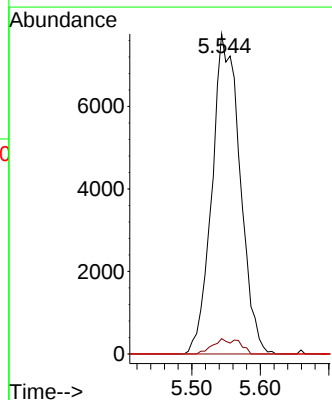
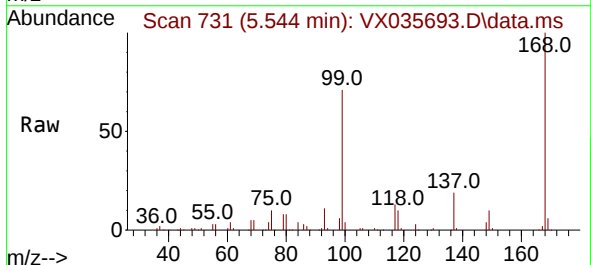
Instrument :
 MSVOA_X
 ClientSampleId :
 001-1

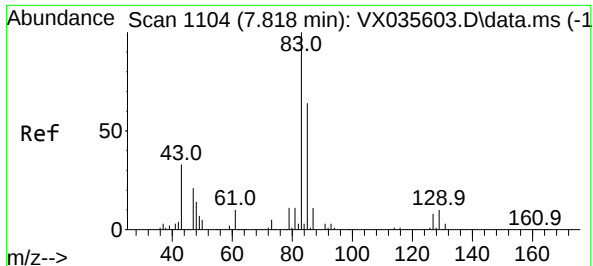
Tgt Ion: 75 Resp: 18615
 Ion Ratio Lower Upper
 75 100
 110 9.8 17.5 52.5#
 77 0.0 24.3 36.5#



#38
 Carbon Tetrachloride
 Concen: 6.307 ug/l
 RT: 5.544 min Scan# 731
 Delta R.T. -0.134 min
 Lab File: VX035693.D
 Acq: 16 May 2023 16:02

Tgt Ion: 117 Resp: 21972
 Ion Ratio Lower Upper
 117 100
 119 4.8 76.6 114.8#
 121 0.0 23.8 35.6#





#47

Bromodichloromethane

Concen: 0.606 ug/l

RT: 7.824 min Scan# 1105

Delta R.T. 0.006 min

Lab File: VX035693.D

Acq: 16 May 2023 16:02

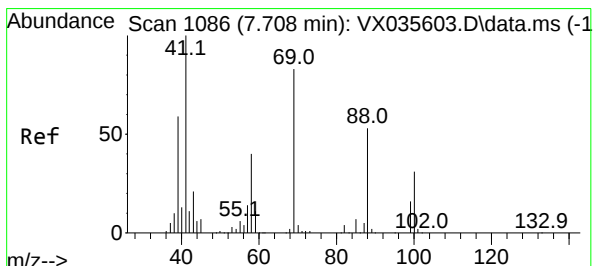
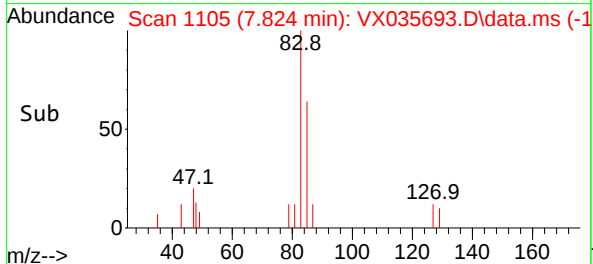
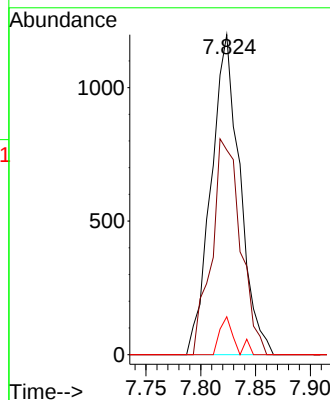
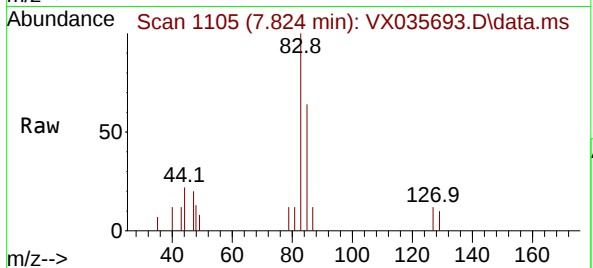
Instrument :

MSVOA_X

ClientSampleId :

001-1

Tgt Ion: 83	Resp:	2186
Ion	Ratio	Lower Upper
83	100	
85	63.9	52.2 78.4
127	11.9	6.6 9.8#



#49

1,4-Dioxane

Concen: 2.643 ug/l

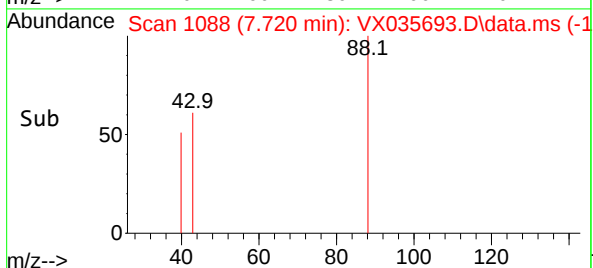
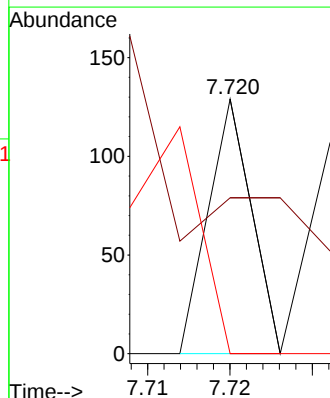
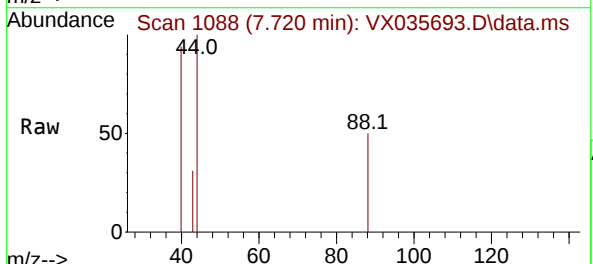
RT: 7.720 min Scan# 1088

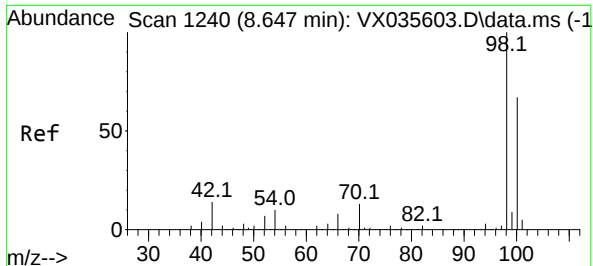
Delta R.T. 0.012 min

Lab File: VX035693.D

Acq: 16 May 2023 16:02

Tgt Ion: 88	Resp:	47
Ion	Ratio	Lower Upper
88	100	
43	863.8	27.7 41.5#
58	146.8	56.8 85.2#

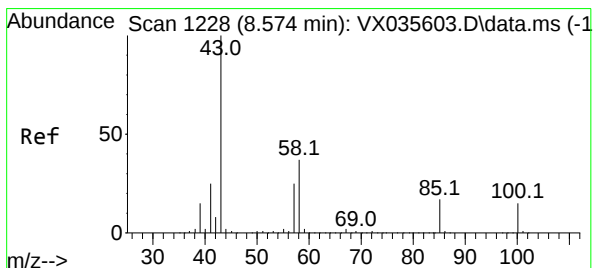
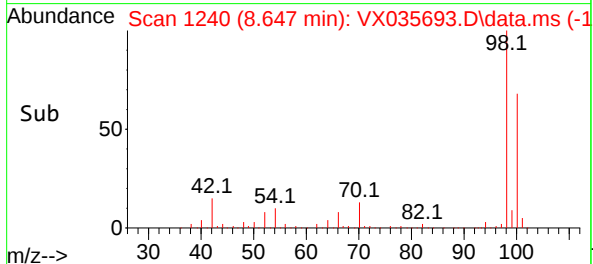
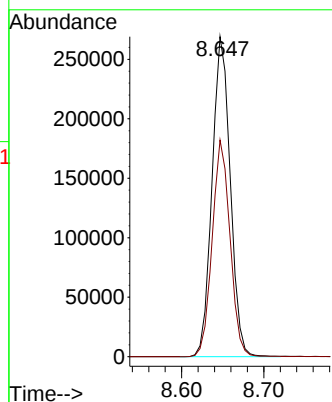
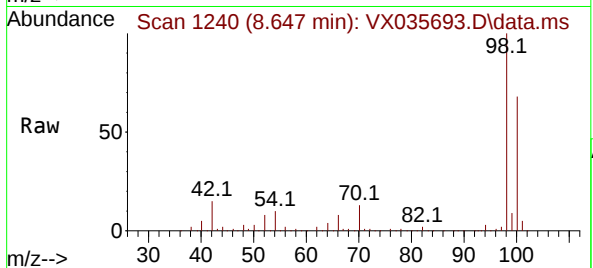




#50
Toluene-d8
Concen: 48.008 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035693.D
Acq: 16 May 2023 16:02

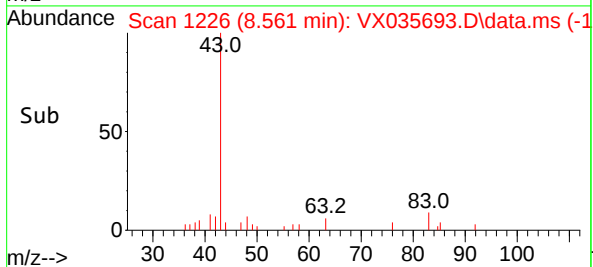
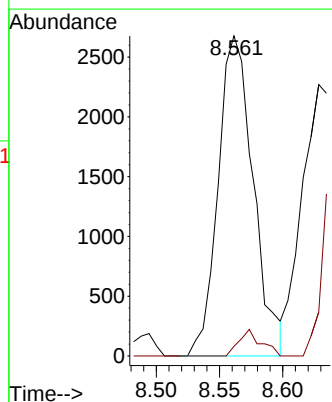
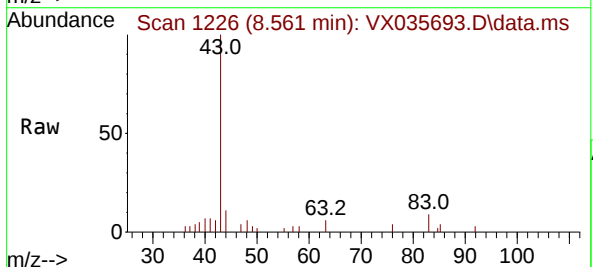
Instrument :
MSVOA_X
ClientSampleId :
001-1

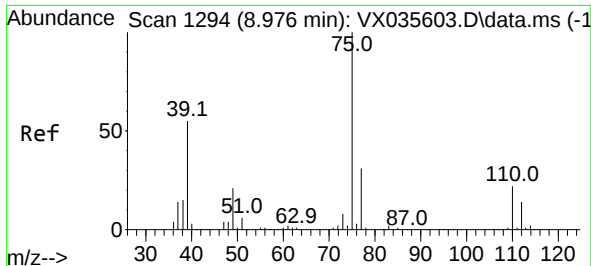
Tgt Ion: 98 Resp: 413204
Ion Ratio Lower Upper
98 100
100 66.4 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 1.342 ug/l
RT: 8.561 min Scan# 1226
Delta R.T. -0.013 min
Lab File: VX035693.D
Acq: 16 May 2023 16:02

Tgt Ion: 43 Resp: 5173
Ion Ratio Lower Upper
43 100
58 5.2 30.6 46.0#





#53

t-1,3-Dichloropropene

Concen: 0.311 ug/l

RT: 8.994 min Scan# 11

Delta R.T. 0.018 min

Lab File: VX035693.D

Acq: 16 May 2023 16:02

Instrument :

MSVOA_X

ClientSampleId :

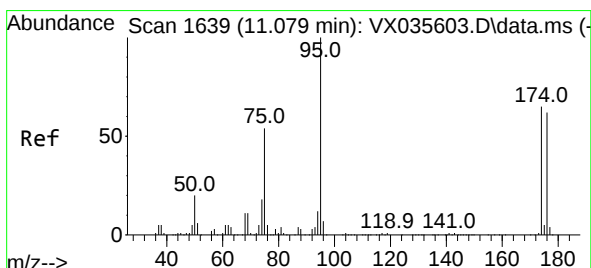
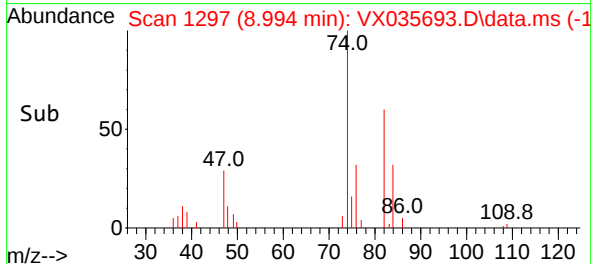
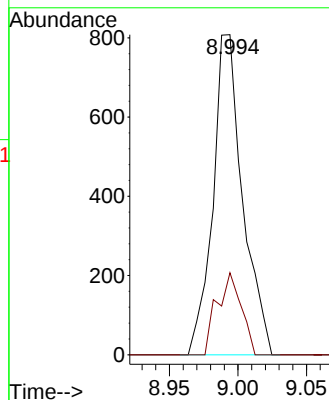
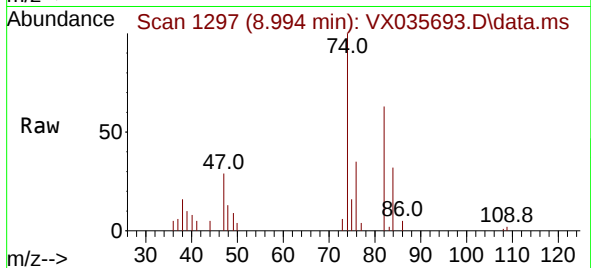
001-1

Tgt Ion: 75 Resp: 1219

Ion Ratio Lower Upper

75 100

77 25.6 25.4 38.2



#62

4-Bromofluorobenzene

Concen: 49.759 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX035693.D

Acq: 16 May 2023 16:02

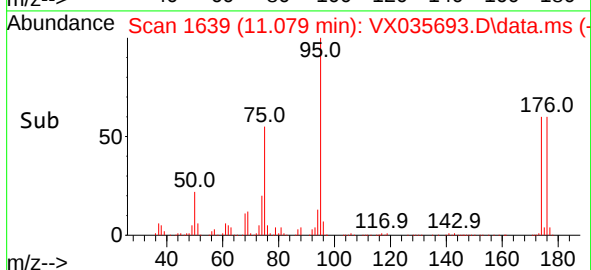
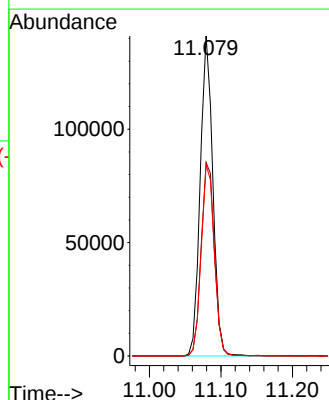
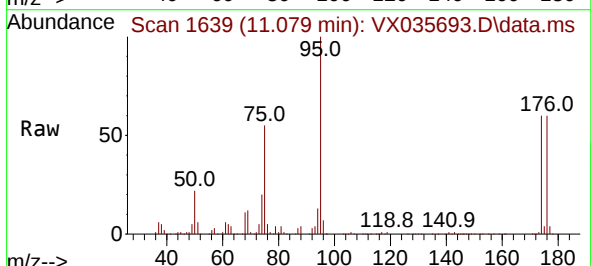
Tgt Ion: 95 Resp: 172443

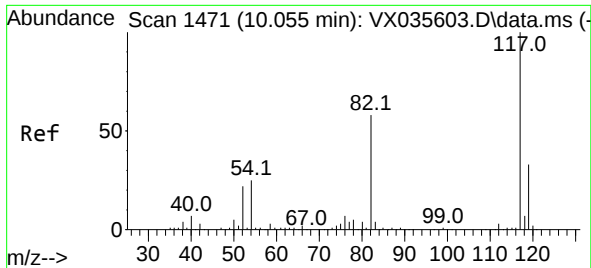
Ion Ratio Lower Upper

95 100

174 63.6 0.0 147.4

176 62.1 0.0 140.6

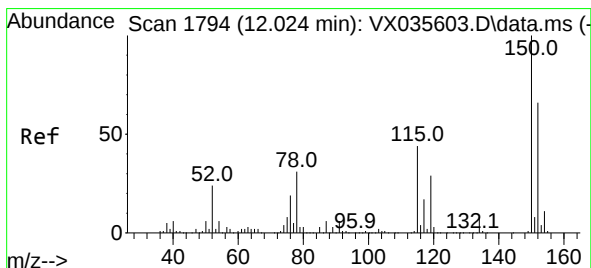
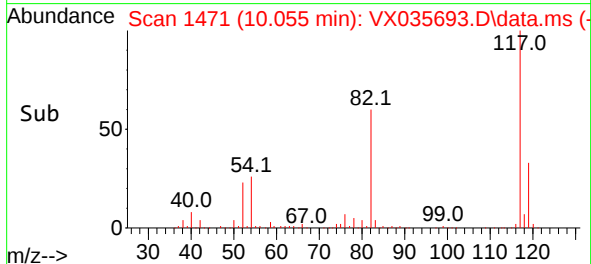
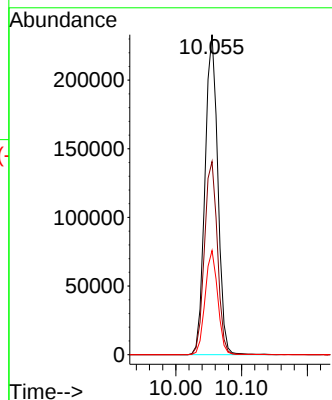
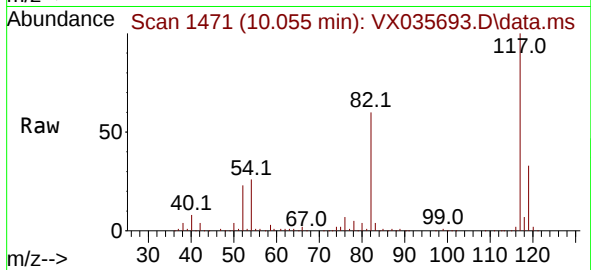




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035693.D
Acq: 16 May 2023 16:02

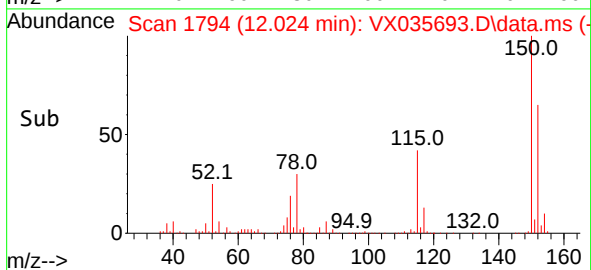
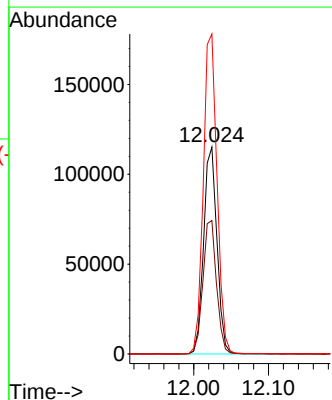
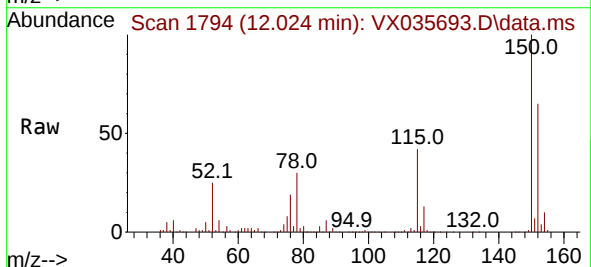
Instrument :
MSVOA_X
ClientSampleId :
001-1

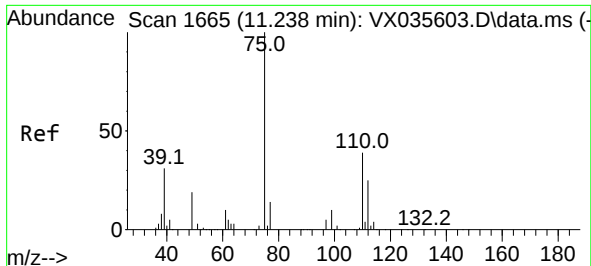
Tgt Ion:117 Resp: 316300
Ion Ratio Lower Upper
117 100
82 60.4 45.0 67.4
119 32.6 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035693.D
Acq: 16 May 2023 16:02

Tgt Ion:152 Resp: 142714
Ion Ratio Lower Upper
152 100
115 65.8 45.0 135.0
150 158.9 0.0 352.4

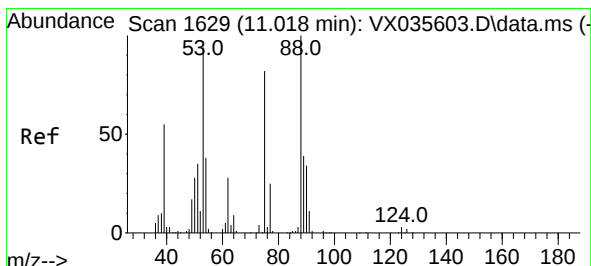
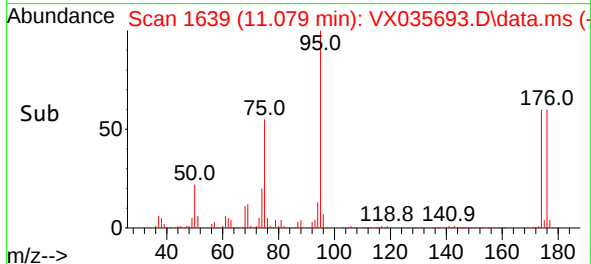
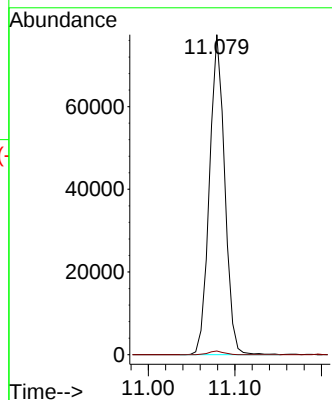
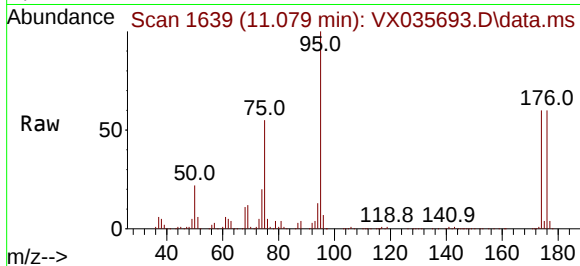




#76
1,2,3-Trichloropropane
Concen: 27.122 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX035693.D
Acq: 16 May 2023 16:02

Instrument :
MSVOA_X
ClientSampleId :
001-1

Tgt Ion: 75 Resp: 94677
Ion Ratio Lower Upper
75 100
77 1.1 21.6 64.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 87.409 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX035693.D
Acq: 16 May 2023 16:02

Tgt Ion: 75 Resp: 94677
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#

