

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX013023\
 Data File : VX033954.D
 Acq On : 30 Jan 2023 18:23
 Operator : JC/MD
 Sample : 01328-25
 Misc : 13.53g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 31 04:51:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011123W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 11 14:48:42 2023
 Response via : Initial Calibration

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

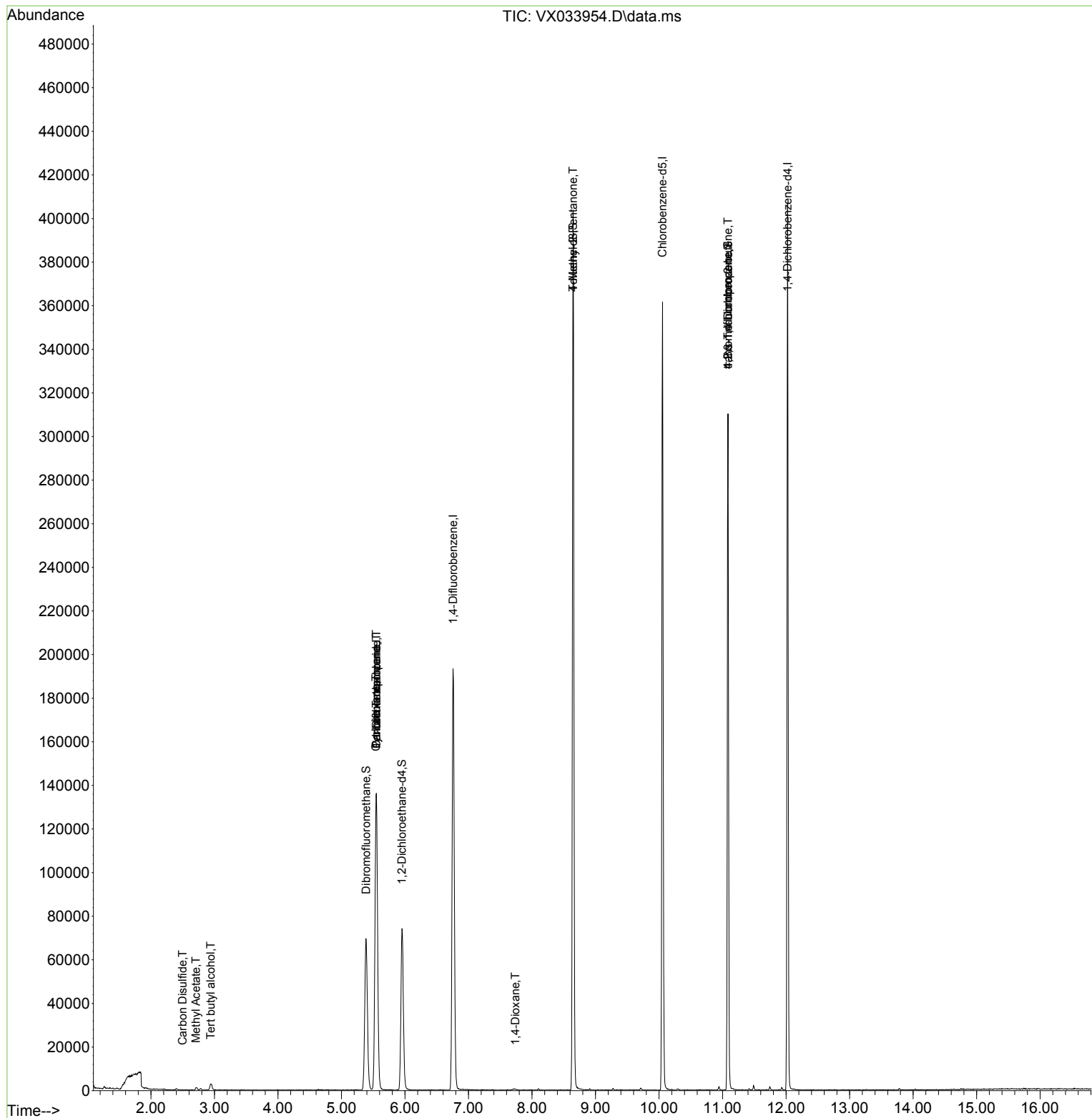
Internal Standards						
1) Pentafluorobenzene	5.550	168	152988	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	215904	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	186139	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	95135	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	70697	43.889	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	87.780%	
35) Dibromofluoromethane	5.385	113	61437	45.826	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	91.660%	
50) Toluene-d8	8.647	98	241852	49.512	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	99.020%	
62) 4-Bromofluorobenzene	11.085	95	85120	46.934	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	93.860%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.940	59	1983	7.086	ug/l #	86
16) Acetone	2.404	43	606	Below Cal	#	87
17) Carbon Disulfide	2.495	76	53	1.838	ug/l #	76
18) Methyl Acetate	2.709	43	1596	0.710	ug/l	98
20) Methylene Chloride	2.782	84	338	Below Cal	#	85
31) Cyclohexane	5.544	56	2122	0.895	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	8958	4.578	ug/l #	49
38) Carbon Tetrachloride	5.550	117	12784	6.308	ug/l #	15
49) 1,4-Dioxane	7.738	88	1024	29.752	ug/l #	88
51) 4-Methyl-2-Pentanone	8.647	43	925	0.488	ug/l #	1
64) Tetrachloroethene	9.275	164	143	Below Cal	#	86
73) Isopropylbenzene	10.951	105	53	Below Cal	#	48
76) 1,2,3-Trichloropropane	11.085	75	38827	22.213	ug/l #	34
79) 2-Chlorotoluene	11.305	91	96	Below Cal	#	39
81) trans-1,4-Dichloro-2-b...	11.085	75	38827	69.035	ug/l #	8
82) 4-Chlorotoluene	11.494	91	295	Below Cal	#	43

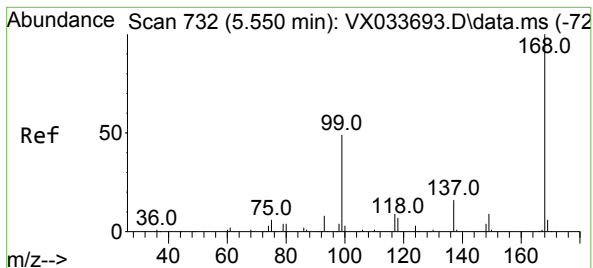
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 31 04:51:50 2023
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Quant Title : SW846 8260
QLast Update : Wed Jan 11 14:48:42 2023
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.000 min

Lab File: VX033954.D

Acq: 30 Jan 2023 18:23

Instrument :

MSVOA_X

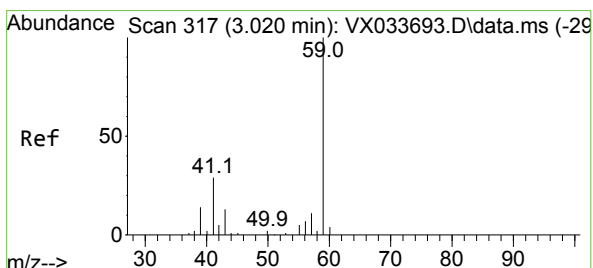
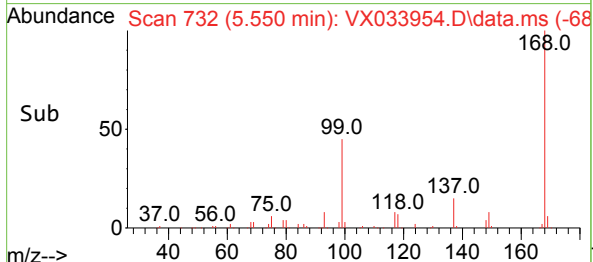
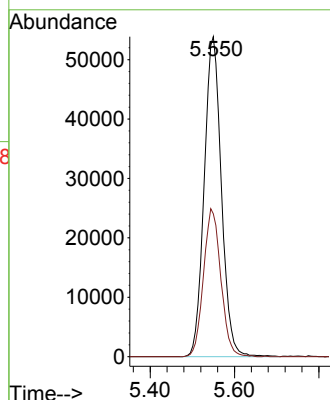
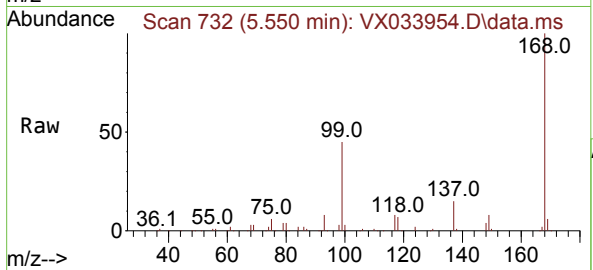
ClientSampleId :

Tgt Ion:168 Resp: 152988

Ion Ratio Lower Upper

168 100

99 44.7 39.6 59.4



#11

Tert butyl alcohol

Concen: 7.086 ug/l

RT: 2.940 min Scan# 304

Delta R.T. -0.079 min

Lab File: VX033954.D

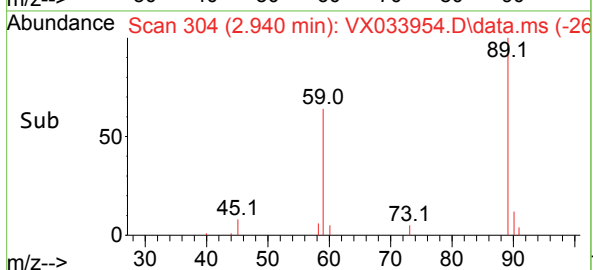
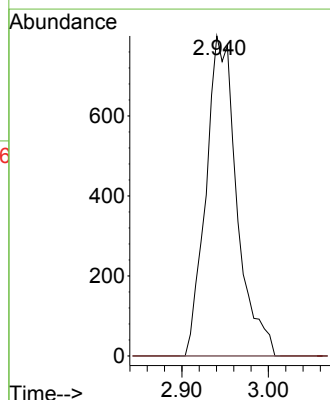
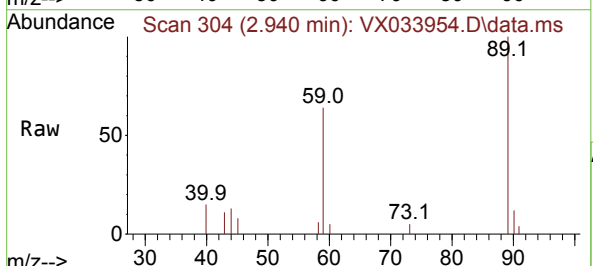
Acq: 30 Jan 2023 18:23

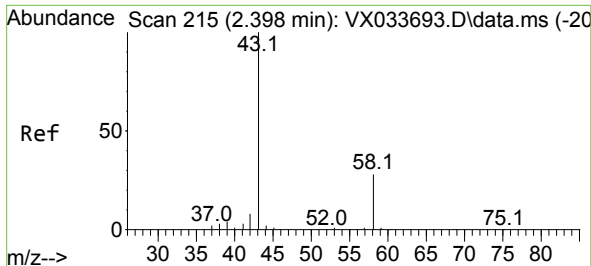
Tgt Ion: 59 Resp: 1983

Ion Ratio Lower Upper

59 100

57 0.0 3.7 5.5#

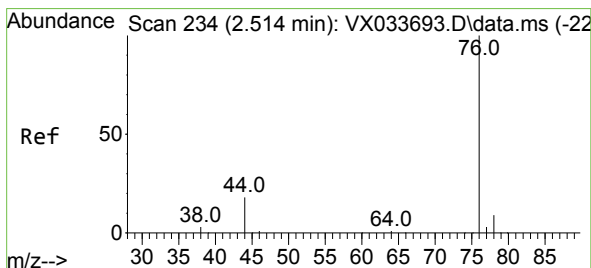
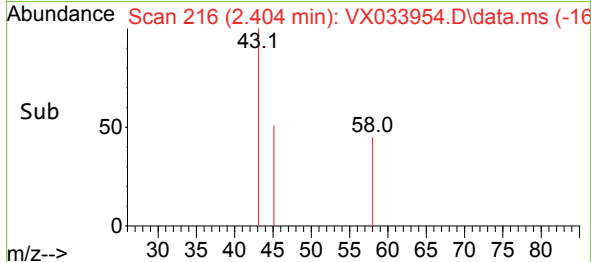
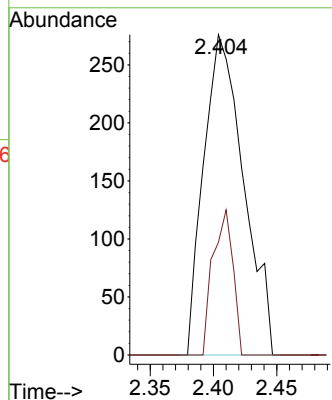
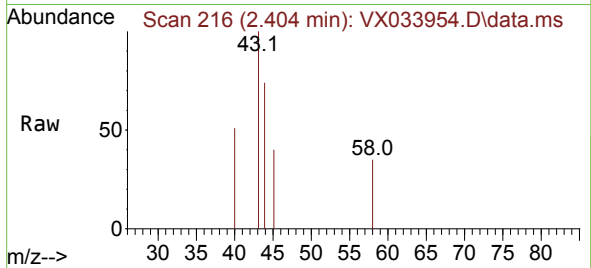




#16
Acetone
Concen: Below Cal
RT: 2.404 min Scan# 215
Delta R.T. 0.006 min
Lab File: VX033954.D
Acq: 30 Jan 2023 18:23

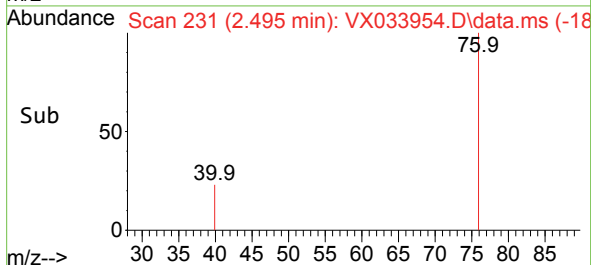
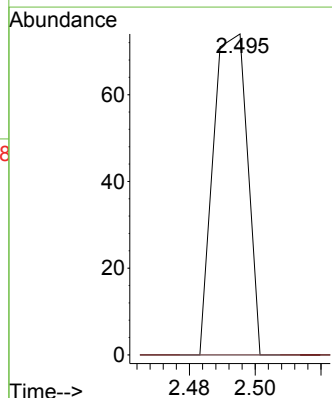
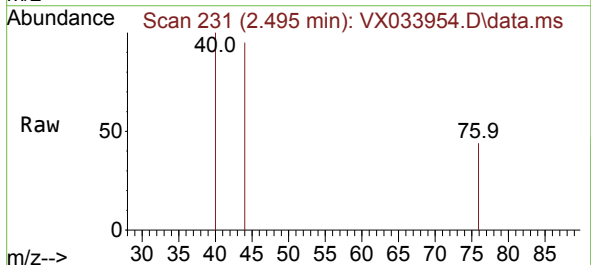
Instrument :
MSVOA_X
ClientSampleId :

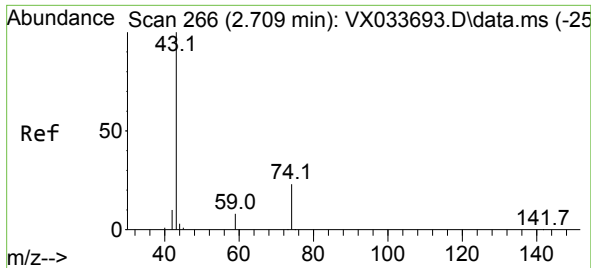
Tgt Ion: 43 Resp: 606
Ion Ratio Lower Upper
43 100
58 35.1 22.6 33.8#



#17
Carbon Disulfide
Concen: 1.838 ug/l
RT: 2.495 min Scan# 231
Delta R.T. -0.019 min
Lab File: VX033954.D
Acq: 30 Jan 2023 18:23

Tgt Ion: 76 Resp: 53
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#

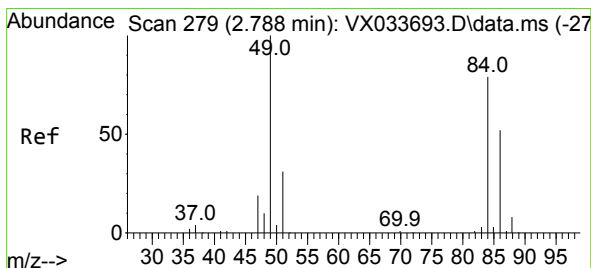
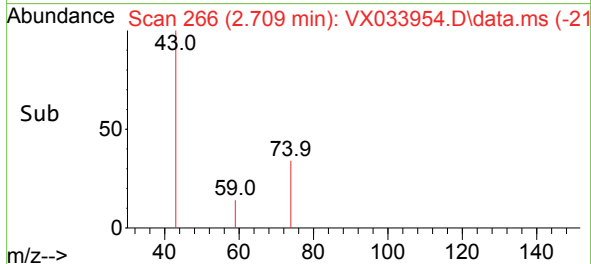
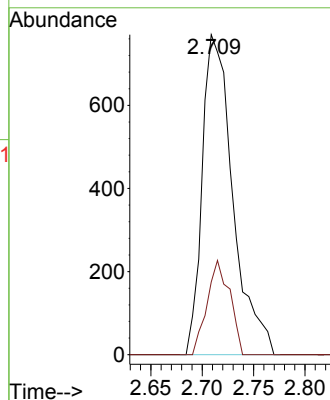
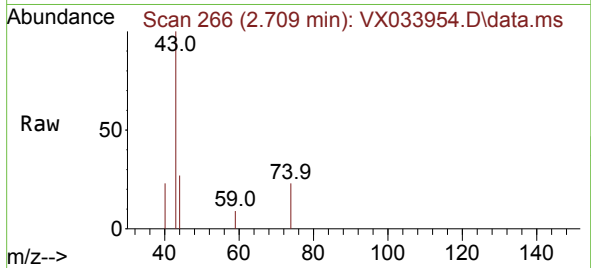




#18
Methyl Acetate
Concen: 0.710 ug/l
RT: 2.709 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX033954.D
Acq: 30 Jan 2023 18:23

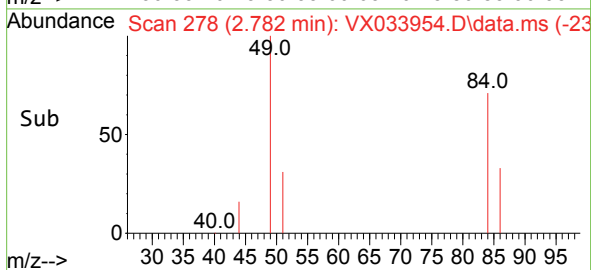
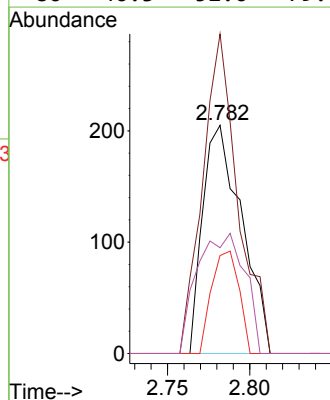
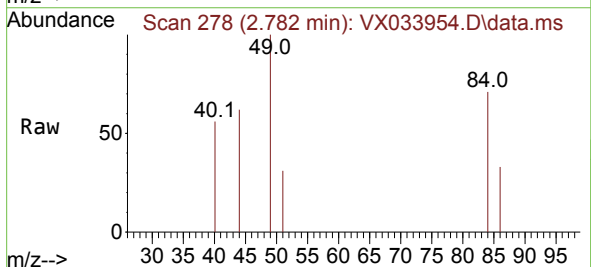
Instrument :
MSVOA_X
ClientSampleId :

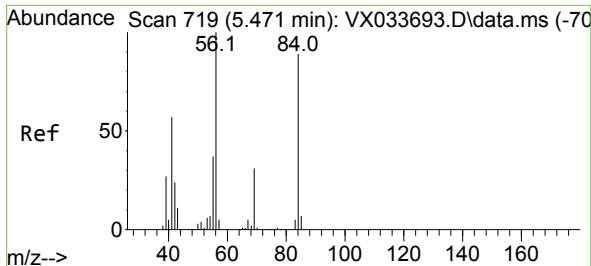
Tgt Ion: 43 Resp: 1596
Ion Ratio Lower Upper
43 100
74 21.8 18.2 27.4



#20
Methylene Chloride
Concen: Below Cal
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX033954.D
Acq: 30 Jan 2023 18:23

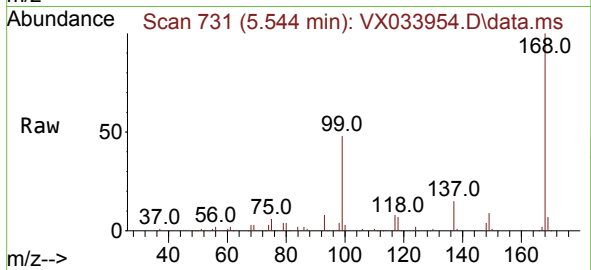
Tgt Ion: 84 Resp: 338
Ion Ratio Lower Upper
84 100
49 140.0 101.1 151.7
51 42.9 31.0 46.6
86 46.3 52.6 79.0#



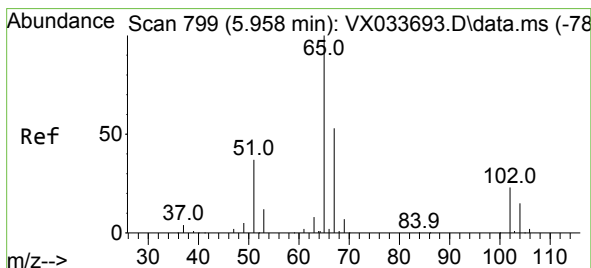
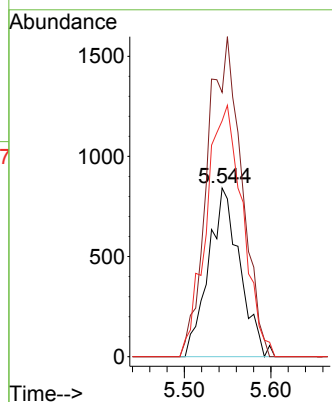
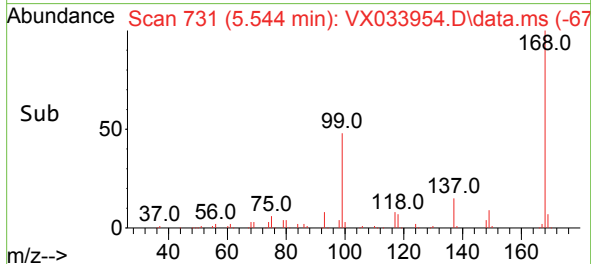


#31
Cyclohexane
Concen: 0.895 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX033954.D
Acq: 30 Jan 2023 18:23

Instrument :
MSVOA_X
ClientSampleId :

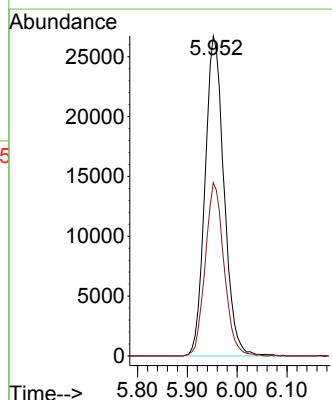
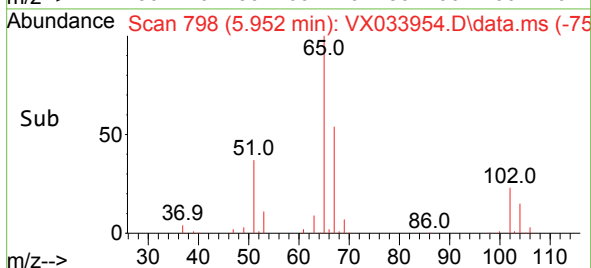
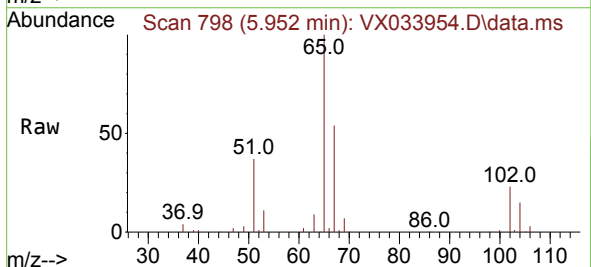


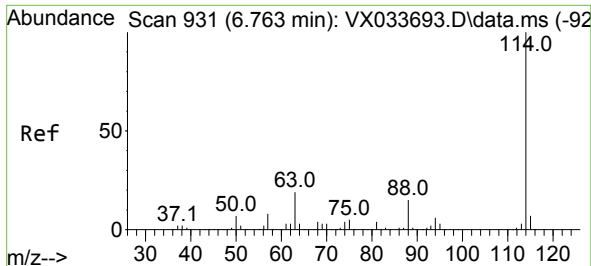
Tgt Ion: 56 Resp: 2122
Ion Ratio Lower Upper
56 100
69 156.8 24.6 37.0#
84 139.9 71.0 106.6#



#33
1,2-Dichloroethane-d4
Concen: 43.889 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX033954.D
Acq: 30 Jan 2023 18:23

Tgt Ion: 65 Resp: 70697
Ion Ratio Lower Upper
65 100
67 53.5 0.0 104.8

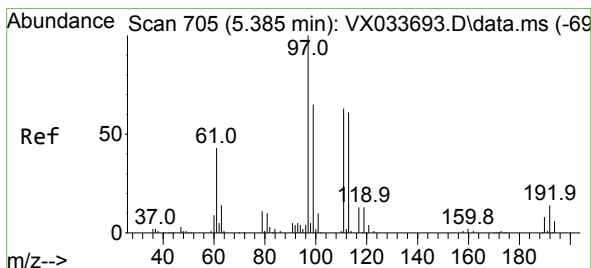
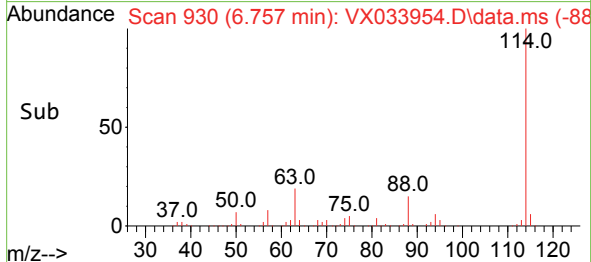
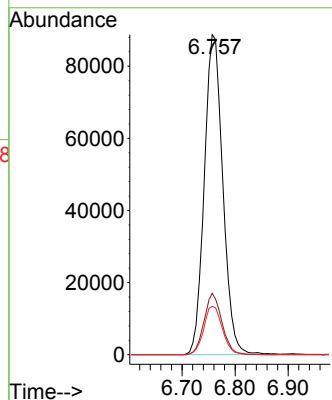
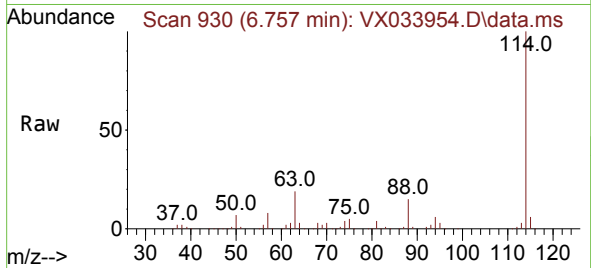




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX033954.D
Acq: 30 Jan 2023 18:23

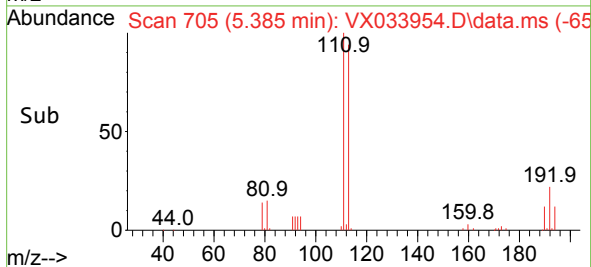
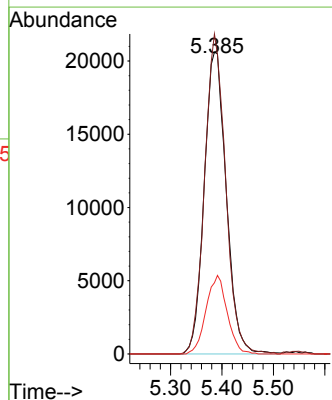
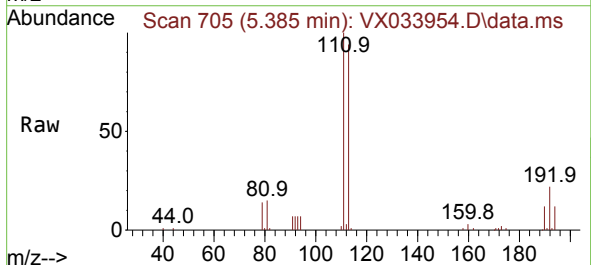
Instrument :
MSVOA_X
ClientSampleId :

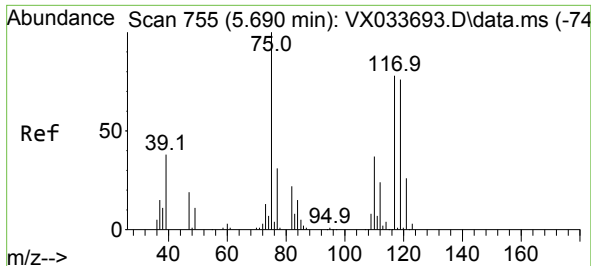
Tgt Ion:114 Resp: 215904
Ion Ratio Lower Upper
114 100
63 19.2 0.0 37.4
88 15.1 0.0 30.6



#35
Dibromofluoromethane
Concen: 45.826 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX033954.D
Acq: 30 Jan 2023 18:23

Tgt Ion:113 Resp: 61437
Ion Ratio Lower Upper
113 100
111 101.2 83.0 124.6
192 24.9 19.0 28.4

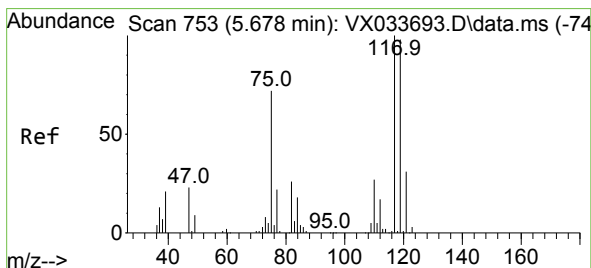
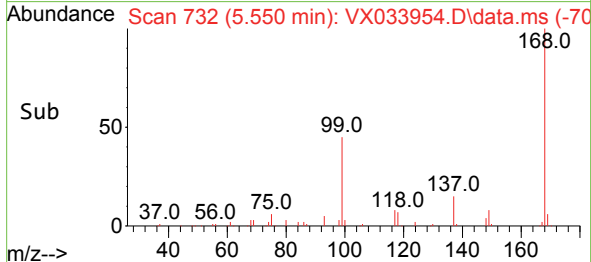
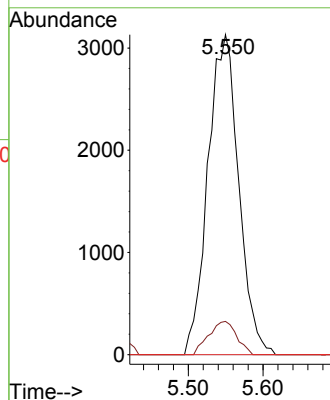
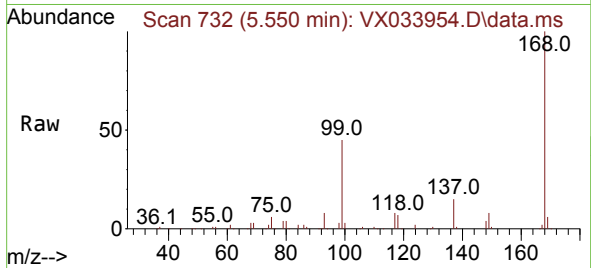




#36
1,1-Dichloropropene
Concen: 4.578 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.140 min
Lab File: VX033954.D
Acq: 30 Jan 2023 18:23

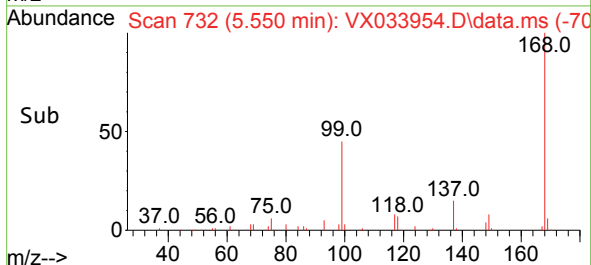
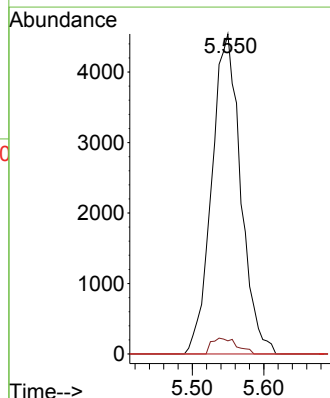
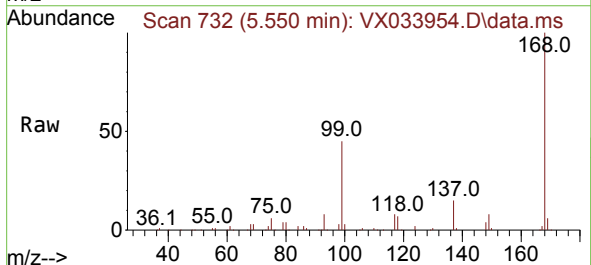
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MSVOA_X
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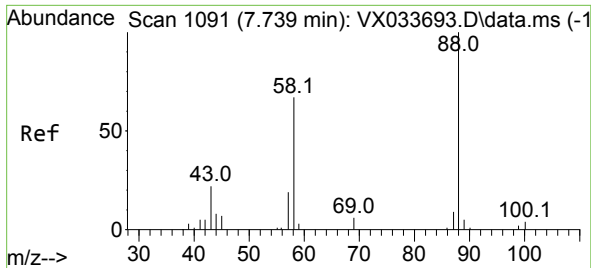
Tgt Ion: 75 Resp: 8958
Ion Ratio Lower Upper
75 100
110 9.5 18.8 56.4#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 6.308 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX033954.D
Acq: 30 Jan 2023 18:23

Tgt Ion: 117 Resp: 12784
Ion Ratio Lower Upper
117 100
119 4.1 78.0 117.0#
121 0.0 24.4 36.6#

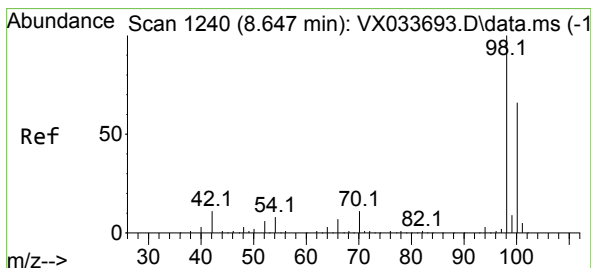
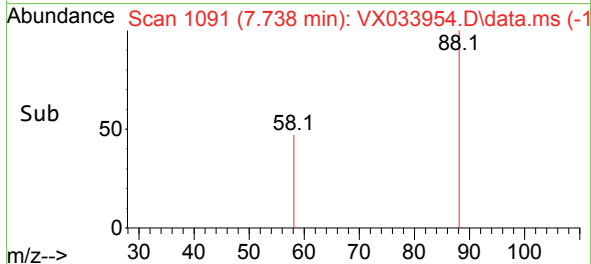
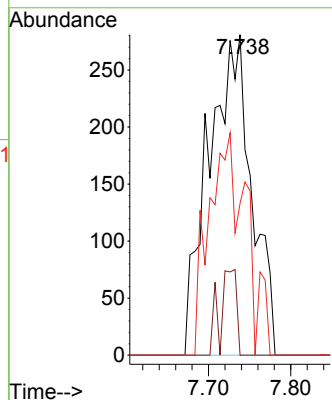
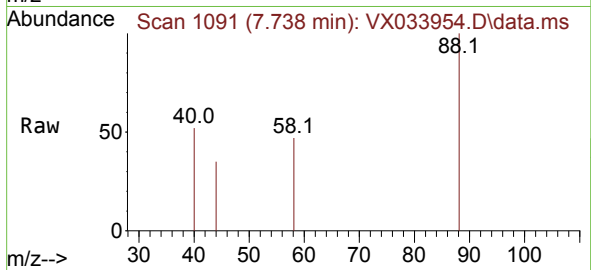




#49
1,4-Dioxane
Concen: 29.752 ug/l
RT: 7.738 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VX033954.D
Acq: 30 Jan 2023 18:23

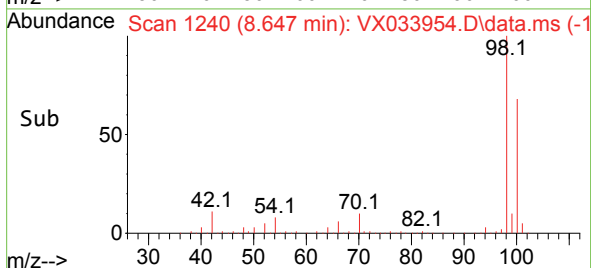
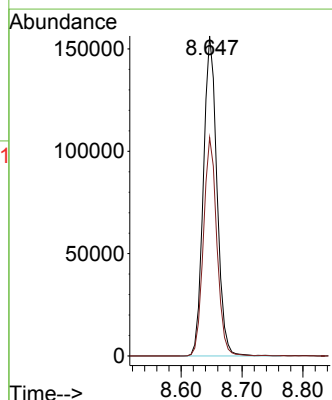
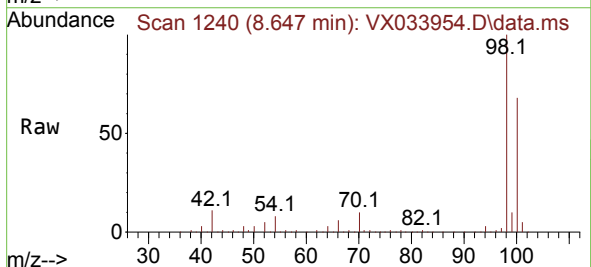
Instrument :
MSVOA_X
ClientSampleId :

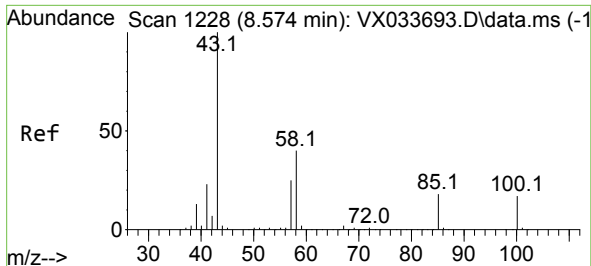
Tgt Ion: 88 Resp: 1024
Ion Ratio Lower Upper
88 100
43 10.3 0.0 0.0#
58 60.5 56.5 84.7



#50
Toluene-d8
Concen: 49.512 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX033954.D
Acq: 30 Jan 2023 18:23

Tgt Ion: 98 Resp: 241852
Ion Ratio Lower Upper
98 100
100 67.5 53.6 80.4

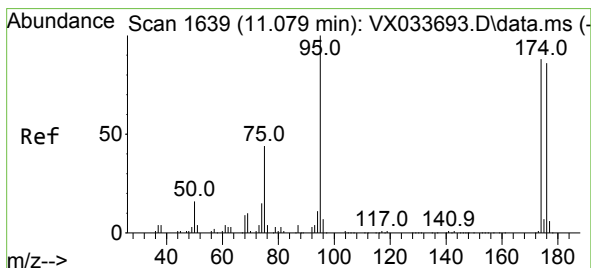
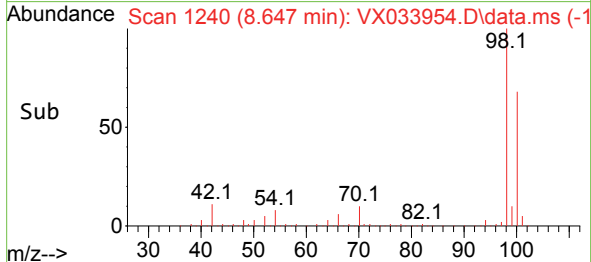
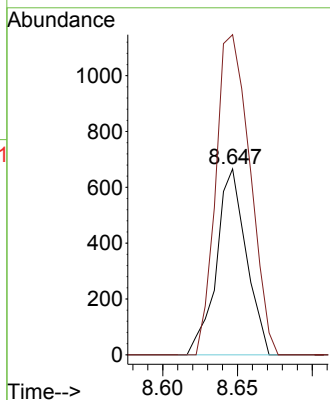
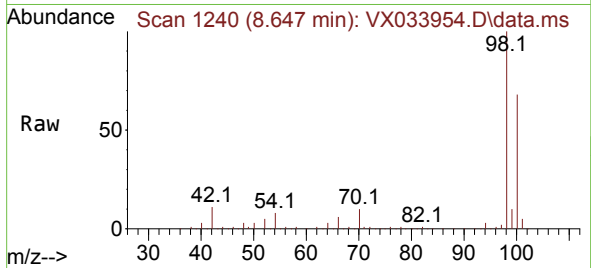




#51
4-Methyl-2-Pentanone
Concen: 0.488 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX033954.D
Acq: 30 Jan 2023 18:23

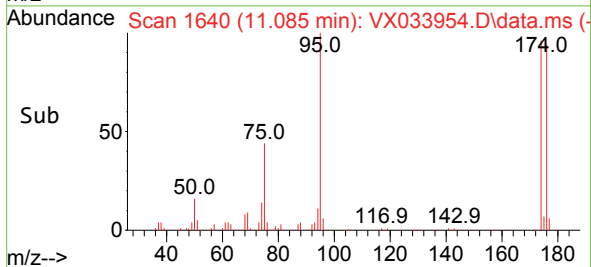
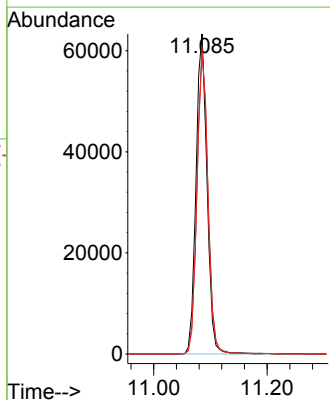
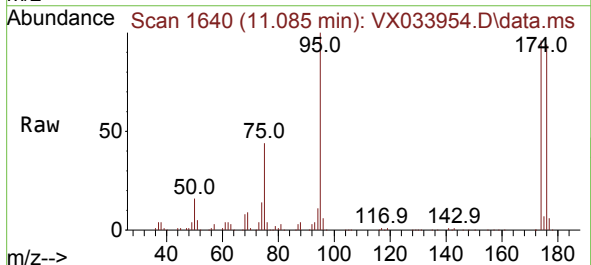
Instrument :
MSVOA_X
ClientSampleId :

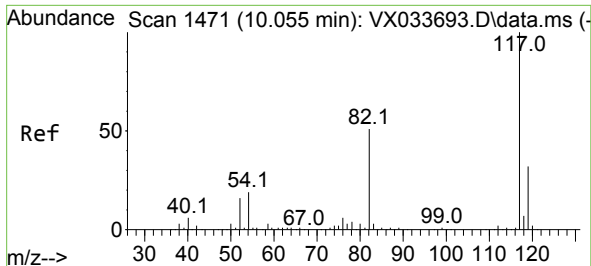
Tgt Ion: 43 Resp: 925
Ion Ratio Lower Upper
43 100
58 196.4 31.2 46.8#



#62
4-Bromofluorobenzene
Concen: 46.934 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX033954.D
Acq: 30 Jan 2023 18:23

Tgt Ion: 95 Resp: 85120
Ion Ratio Lower Upper
95 100
174 95.0 0.0 184.4
176 93.5 0.0 178.8

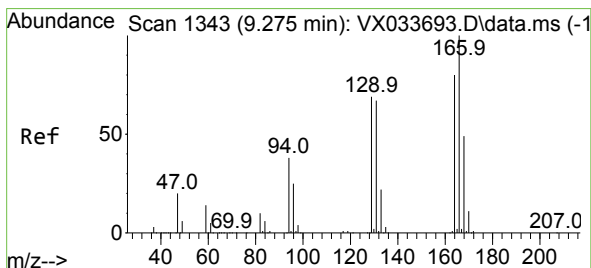
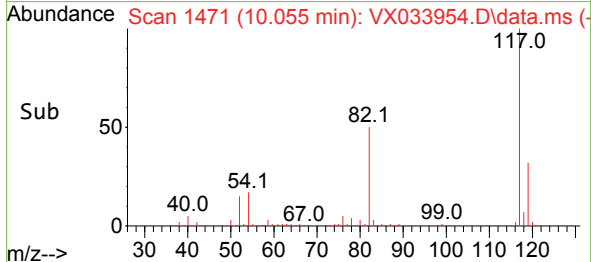
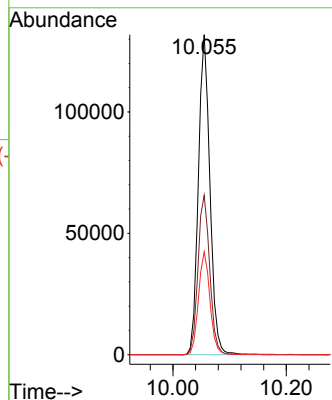
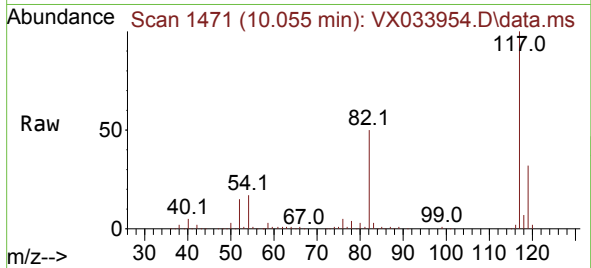




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX033954.D
Acq: 30 Jan 2023 18:23

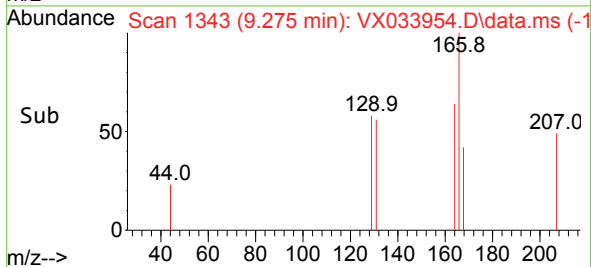
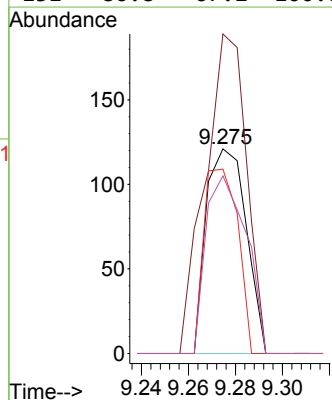
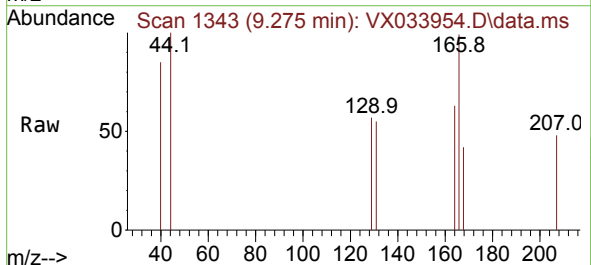
Instrument :
MSVOA_X
ClientSampleId :

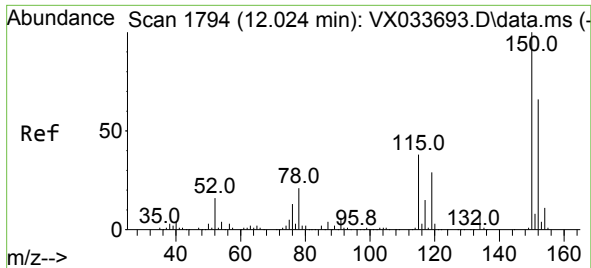
Tgt Ion:117 Resp: 186139
Ion Ratio Lower Upper
117 100
82 49.8 40.6 60.8
119 32.2 25.6 38.4



#64
Tetrachloroethene
Concen: Below Cal
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX033954.D
Acq: 30 Jan 2023 18:23

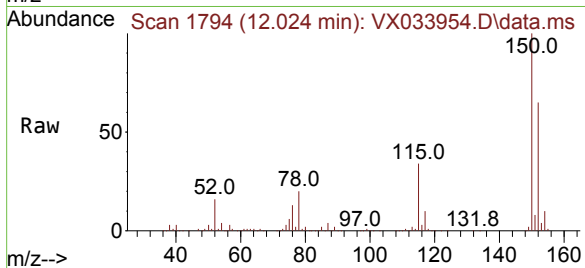
Tgt Ion:164 Resp: 143
Ion Ratio Lower Upper
164 100
166 156.2 100.2 150.2#
129 90.1 69.2 103.8
131 86.8 67.2 100.8



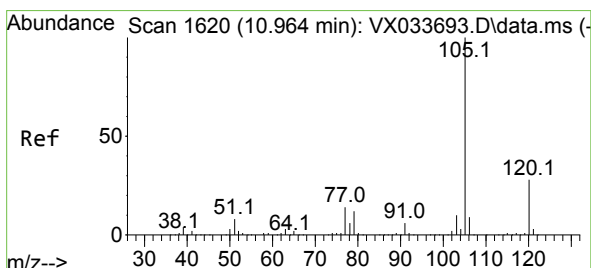
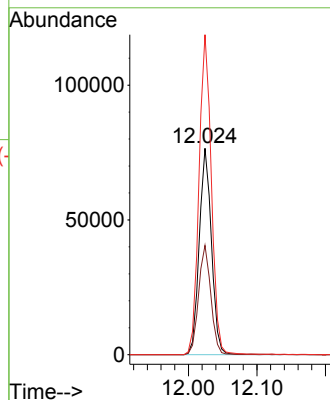
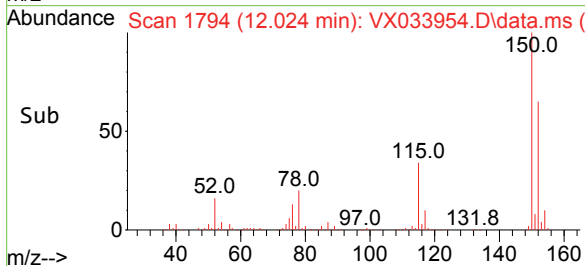


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033954.D
Acq: 30 Jan 2023 18:23

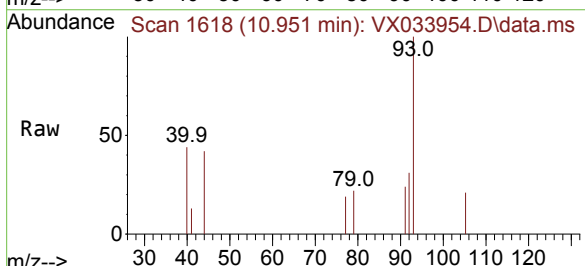
Instrument :
MSVOA_X
ClientSampleId :



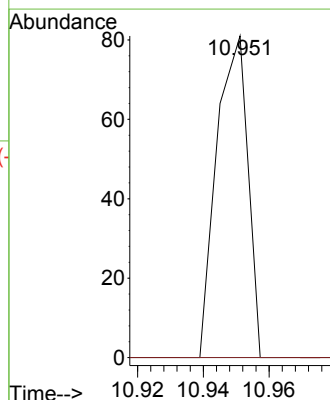
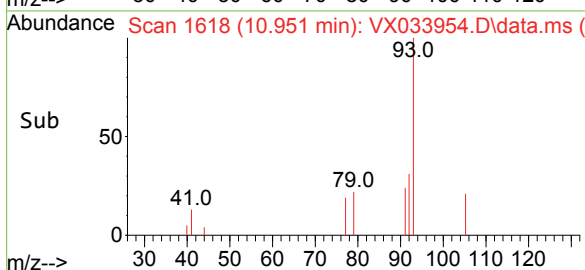
Tgt Ion:152 Resp: 95135
Ion Ratio Lower Upper
152 100
115 53.0 38.7 116.1
150 157.2 0.0 348.2

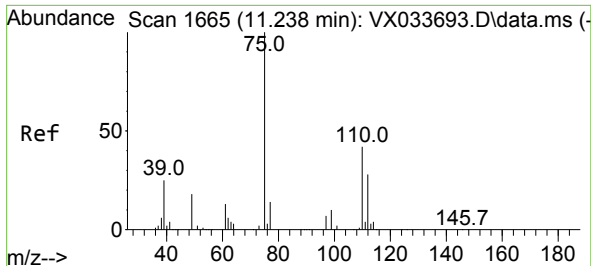


#73
Isopropylbenzene
Concen: Below Cal
RT: 10.951 min Scan# 1618
Delta R.T. -0.013 min
Lab File: VX033954.D
Acq: 30 Jan 2023 18:23



Tgt Ion:105 Resp: 53
Ion Ratio Lower Upper
105 100
120 0.0 13.6 40.8#

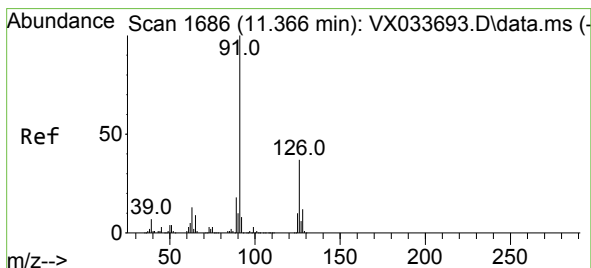
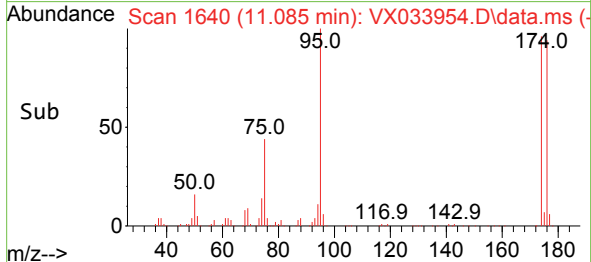
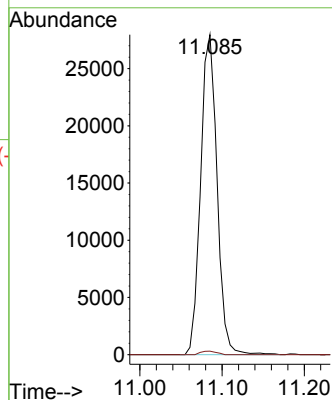
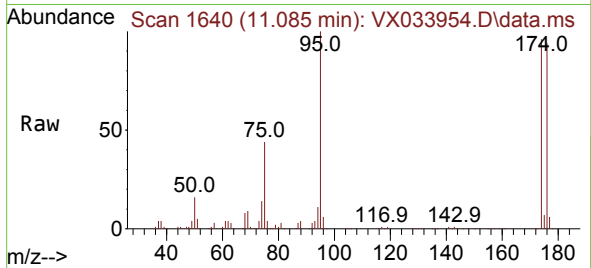




#76
1,2,3-Trichloropropane
Concen: 22.213 ug/l
RT: 11.085 min Scan# 11
Delta R.T. -0.153 min
Lab File: VX033954.D
Acq: 30 Jan 2023 18:23

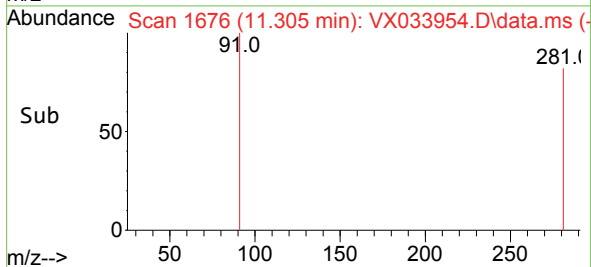
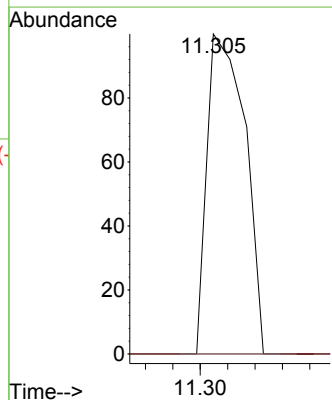
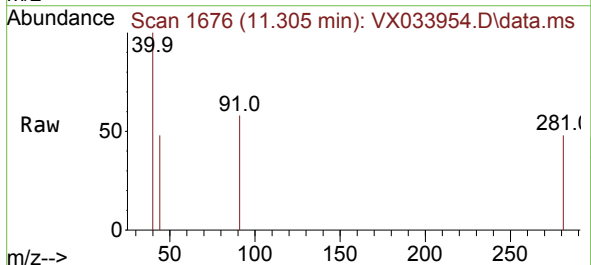
Instrument :
MSVOA_X
ClientSampleId :

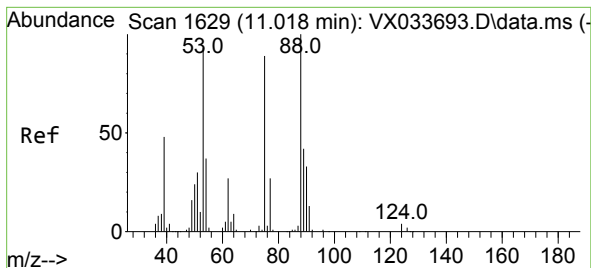
Tgt Ion: 75 Resp: 38827
Ion Ratio Lower Upper
75 100
77 1.1 21.8 65.4#



#79
2-Chlorotoluene
Concen: Below Cal
RT: 11.305 min Scan# 1676
Delta R.T. -0.061 min
Lab File: VX033954.D
Acq: 30 Jan 2023 18:23

Tgt Ion: 91 Resp: 96
Ion Ratio Lower Upper
91 100
126 0.0 18.1 54.1#

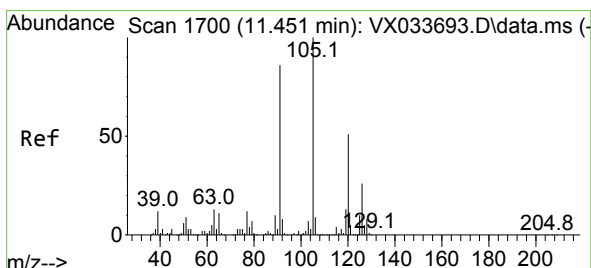
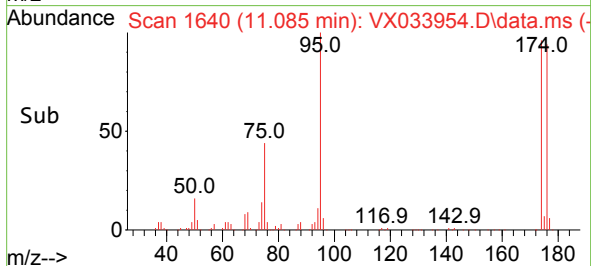
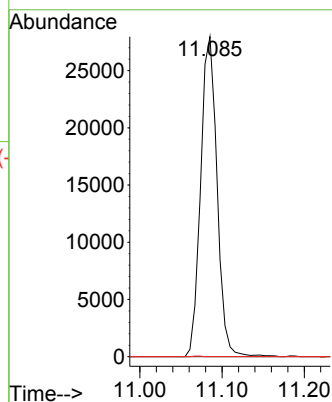
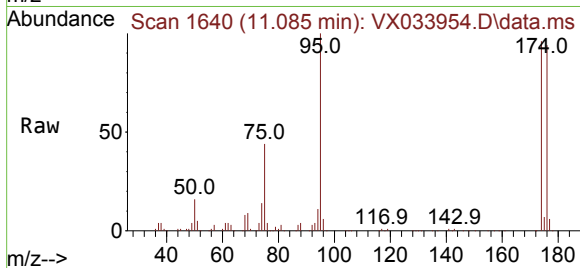




#81
 trans-1,4-Dichloro-2-butene
 Concen: 69.035 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.067 min
 Lab File: VX033954.D
 Acq: 30 Jan 2023 18:23

Instrument :
 MSVOA_X
 ClientSampleId :

Tgt Ion: 75 Resp: 38827
 Ion Ratio Lower Upper
 75 100
 53 0.0 83.0 124.6#
 89 0.1 37.7 56.5#



#82
 4-Chlorotoluene
 Concen: Below Cal
 RT: 11.494 min Scan# 1707
 Delta R.T. 0.043 min
 Lab File: VX033954.D
 Acq: 30 Jan 2023 18:23

Tgt Ion: 91 Resp: 295
 Ion Ratio Lower Upper
 91 100
 126 0.0 15.8 47.4#

