

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX013023\
 Data File : VX033953.D
 Acq On : 30 Jan 2023 18:00
 Operator : JC/MD
 Sample : 01328-20
 Misc : 13.38g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 31 04:51:09 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)

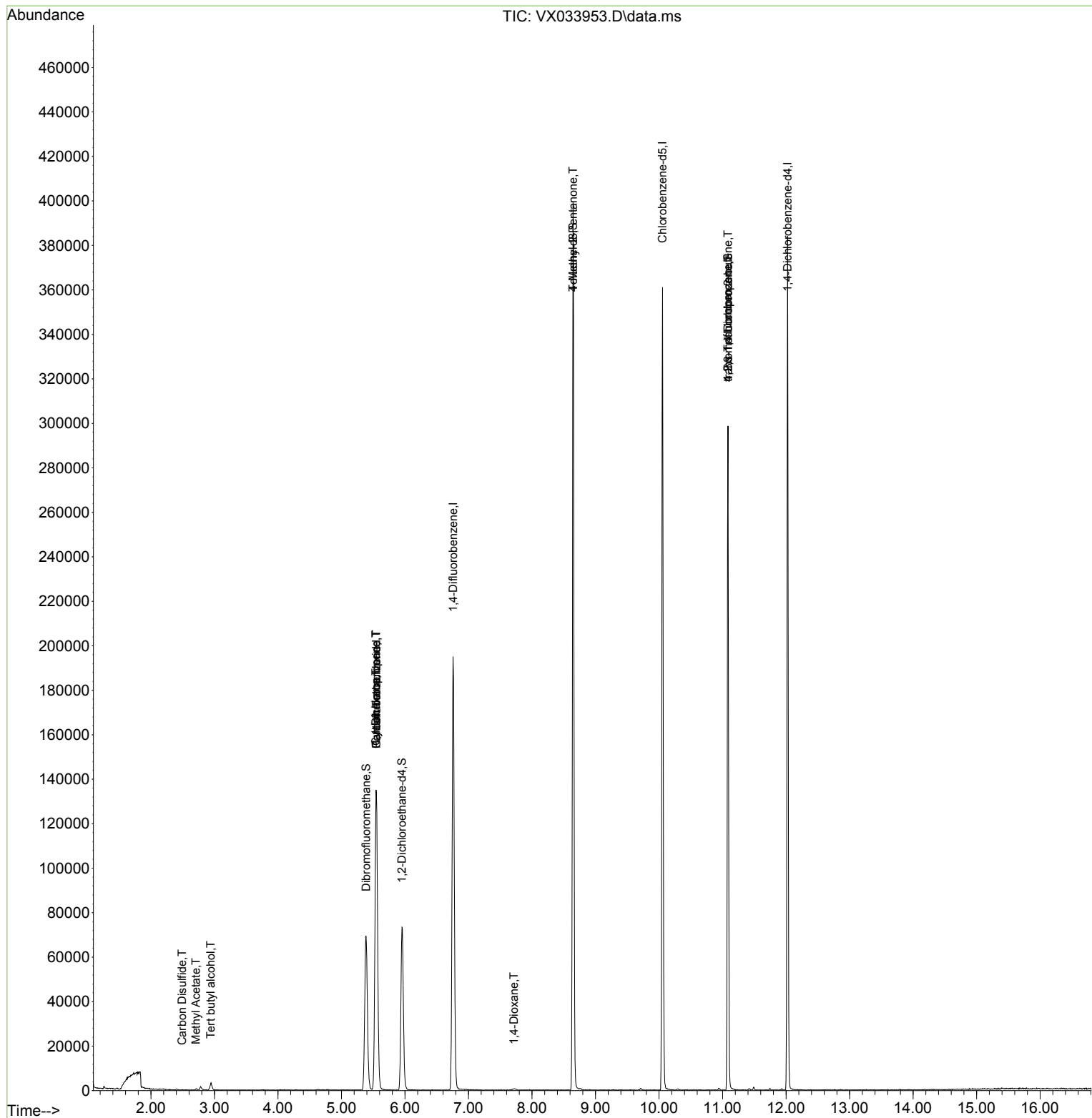
Internal Standards						
1) Pentafluorobenzene	5.550	168	151779	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	216080	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	181926	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	89458	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	70530	44.134	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	88.260%
35) Dibromofluoromethane	5.385	113	61471	45.814	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.620%
50) Toluene-d8	8.647	98	242761	49.658	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.320%
62) 4-Bromofluorobenzene	11.085	95	80758	44.493	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.980%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.940	59	2007	7.229	ug/l #	86
16) Acetone	2.398	43	396	Below Cal	#	47
17) Carbon Disulfide	2.489	76	112	1.857	ug/l #	76
18) Methyl Acetate	2.709	43	678	0.304	ug/l	99
20) Methylene Chloride	2.782	84	906	Below Cal	#	82
31) Cyclohexane	5.544	56	2167	0.922	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	8751	4.469	ug/l #	50
38) Carbon Tetrachloride	5.550	117	12584	6.205	ug/l #	16
49) 1,4-Dioxane	7.714	88	890	25.837	ug/l #	55
51) 4-Methyl-2-Pentanone	8.647	43	978	0.515	ug/l #	1
73) Isopropylbenzene	10.957	105	22	Below Cal	#	48
76) 1,2,3-Trichloropropane	11.085	75	37094	22.568	ug/l #	34
79) 2-Chlorotoluene	11.305	91	31	Below Cal	#	39
81) trans-1,4-Dichloro-2-b...	11.085	75	37094	70.139	ug/l #	8
82) 4-Chlorotoluene	11.494	91	363	Below Cal	#	43

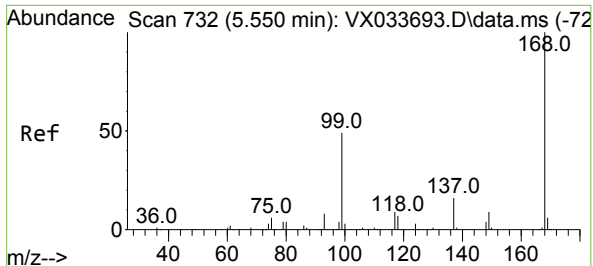
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_X
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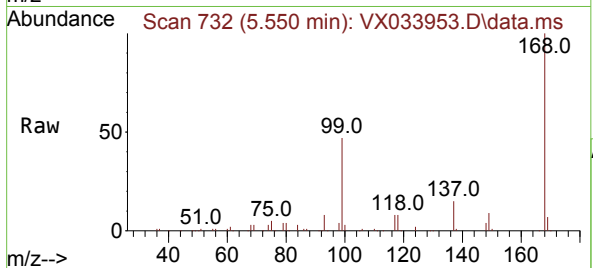
Quant Time: Jan 31 04:51:09 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011123W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 11 14:48:42 2023
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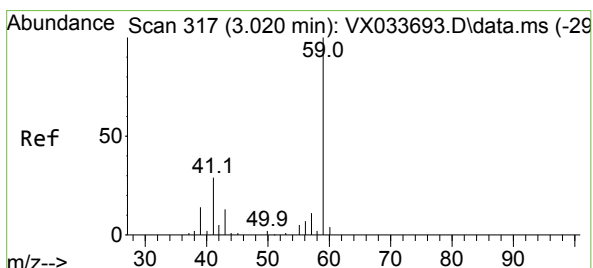
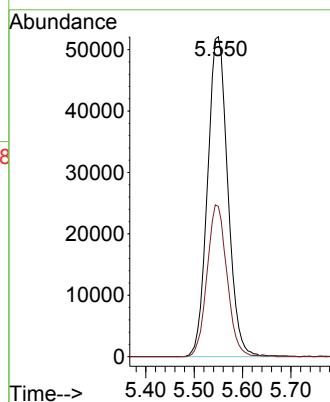
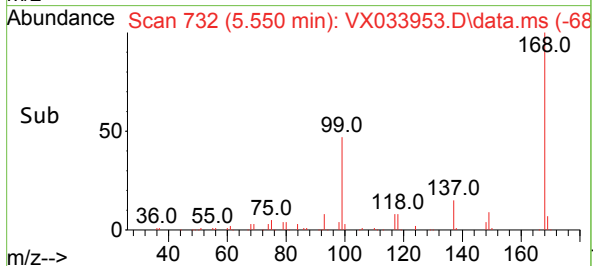


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033953.D
Acq: 30 Jan 2023 18:00

Instrument :
MSVOA_X
ClientSampleId :

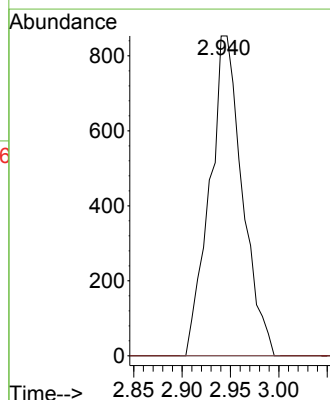
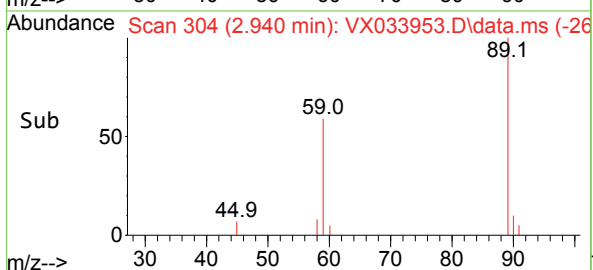
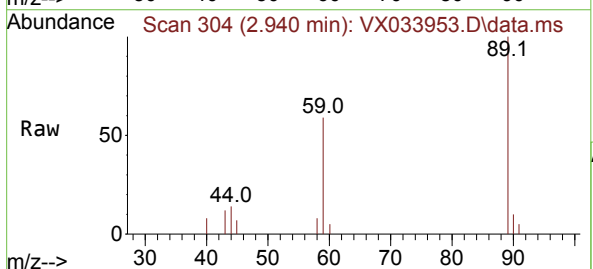


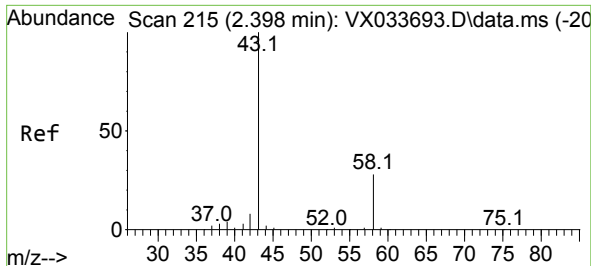
Tgt Ion:168 Resp: 151779
Ion Ratio Lower Upper
168 100
99 47.0 39.6 59.4



#11
Tert butyl alcohol
Concen: 7.229 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.079 min
Lab File: VX033953.D
Acq: 30 Jan 2023 18:00

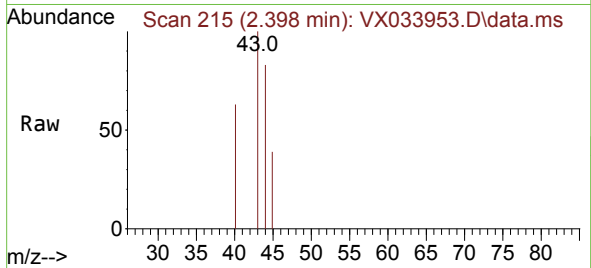
Tgt Ion: 59 Resp: 2007
Ion Ratio Lower Upper
59 100
57 0.0 3.7 5.5#



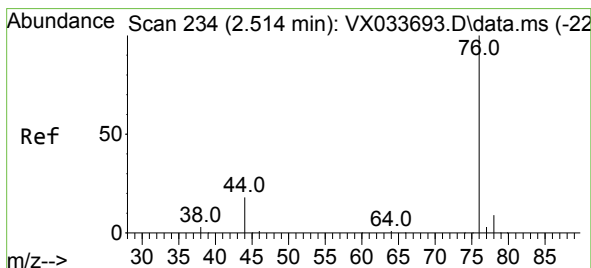
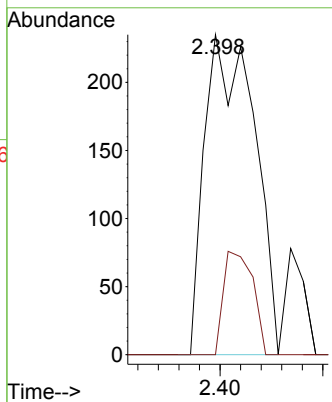
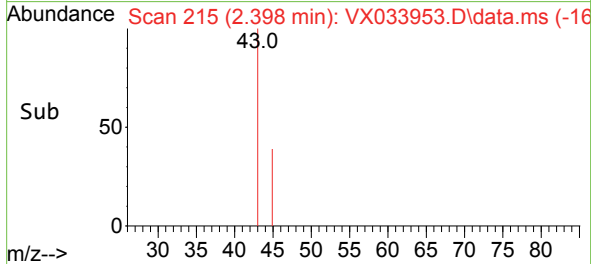


#16
Acetone
Concen: Below Cal
RT: 2.398 min Scan# 215
Delta R.T. -0.000 min
Lab File: VX033953.D
Acq: 30 Jan 2023 18:00

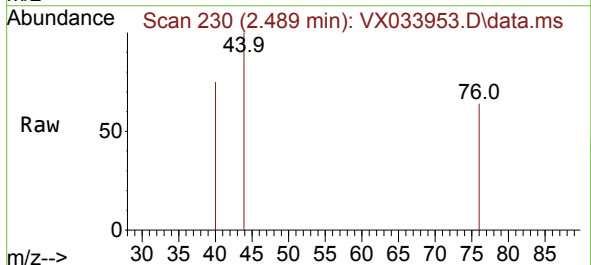
Instrument :
MSVOA_X
ClientSampleId :



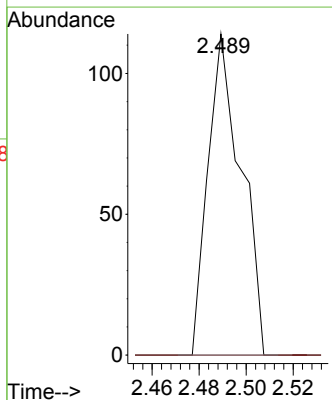
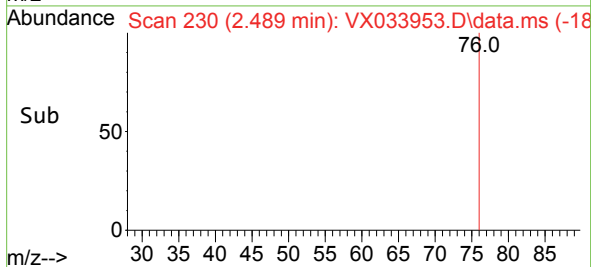
Tgt Ion: 43 Resp: 396
Ion Ratio Lower Upper
43 100
58 0.0 22.6 33.8#

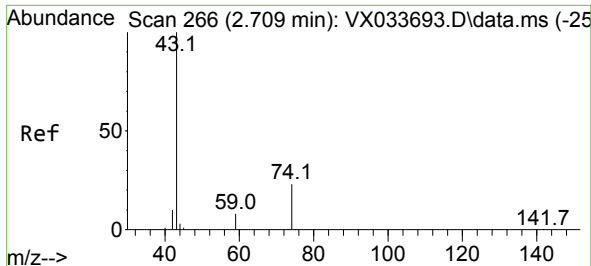


#17
Carbon Disulfide
Concen: 1.857 ug/l
RT: 2.489 min Scan# 230
Delta R.T. -0.025 min
Lab File: VX033953.D
Acq: 30 Jan 2023 18:00



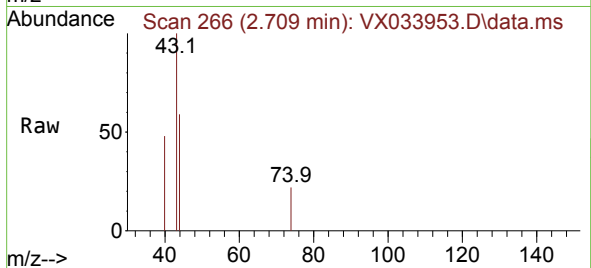
Tgt Ion: 76 Resp: 112
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#



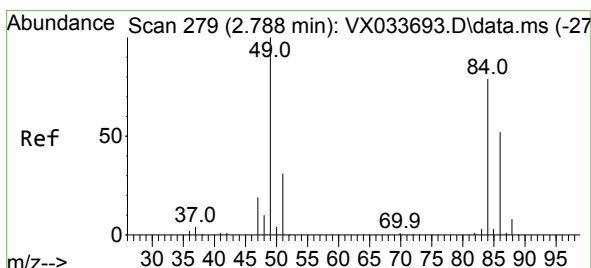
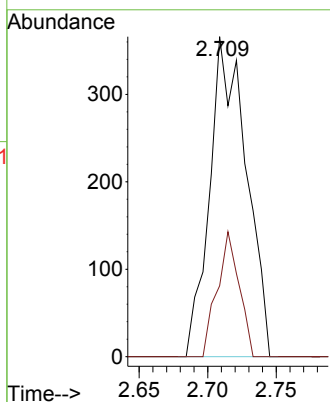
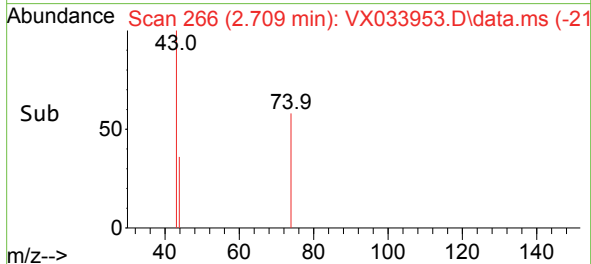


#18
Methyl Acetate
Concen: 0.304 ug/l
RT: 2.709 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX033953.D
Acq: 30 Jan 2023 18:00

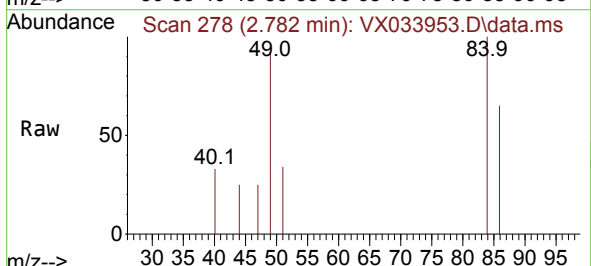
Instrument :
MSVOA_X
ClientSampleId :



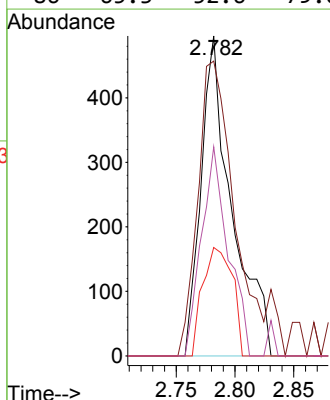
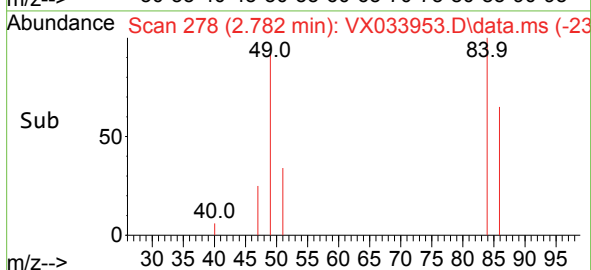
Tgt Ion: 43 Resp: 678
Ion Ratio Lower Upper
43 100
74 23.3 18.2 27.4

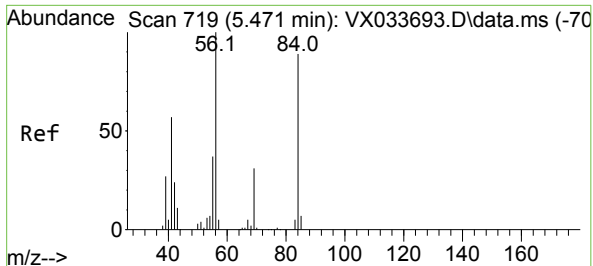


#20
Methylene Chloride
Concen: Below Cal
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX033953.D
Acq: 30 Jan 2023 18:00



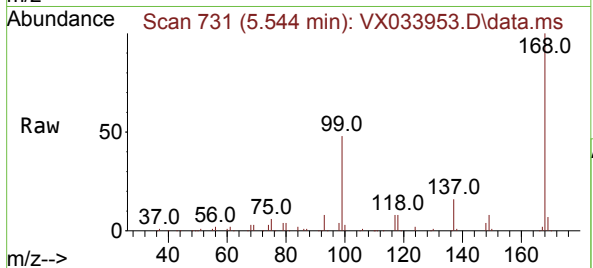
Tgt Ion: 84 Resp: 906
Ion Ratio Lower Upper
84 100
49 92.1 101.1 151.7#
51 33.9 31.0 46.6
86 65.3 52.6 79.0



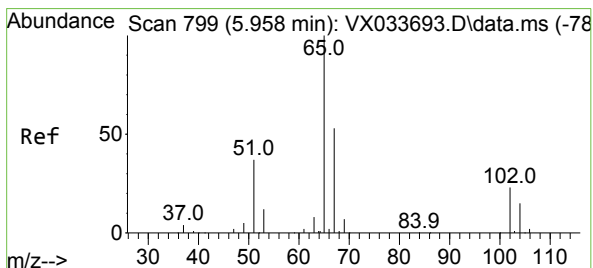
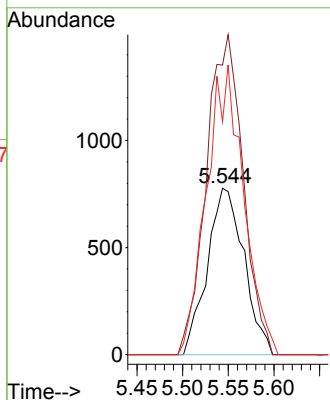
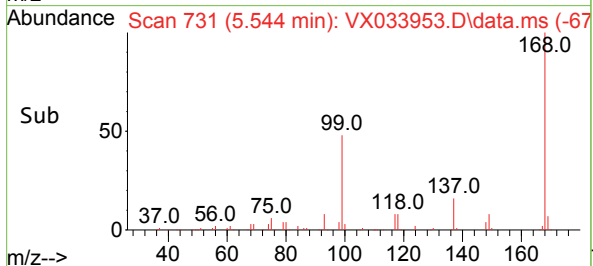


#31
Cyclohexane
Concen: 0.922 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX033953.D
Acq: 30 Jan 2023 18:00

Instrument :
MSVOA_X
ClientSampleId :

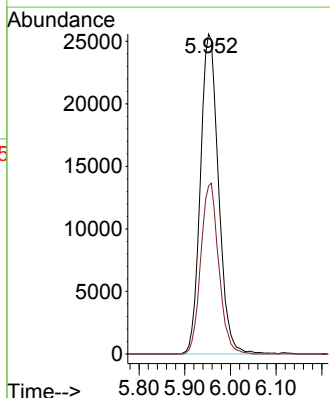
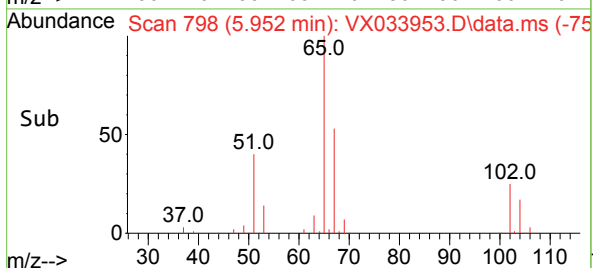
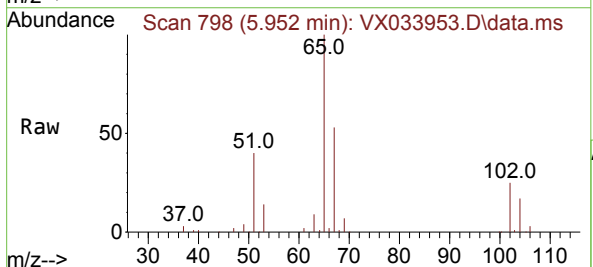


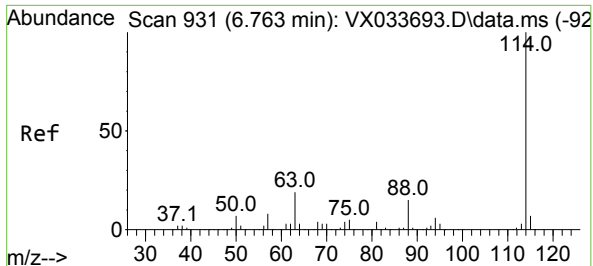
Tgt Ion: 56 Resp: 2167
Ion Ratio Lower Upper
56 100
69 174.0 24.6 37.0#
84 139.9 71.0 106.6#



#33
1,2-Dichloroethane-d4
Concen: 44.134 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX033953.D
Acq: 30 Jan 2023 18:00

Tgt Ion: 65 Resp: 70530
Ion Ratio Lower Upper
65 100
67 52.7 0.0 104.8

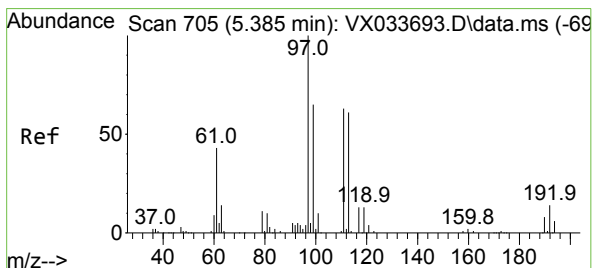
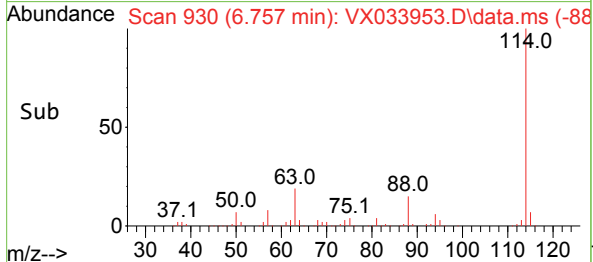
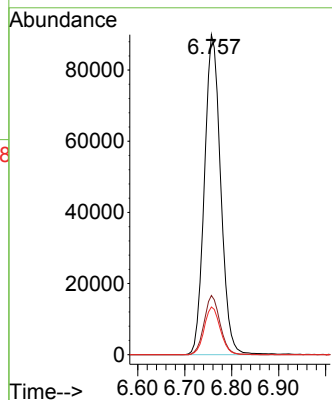
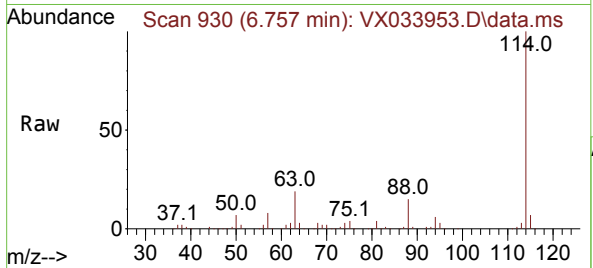




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX033953.D
Acq: 30 Jan 2023 18:00

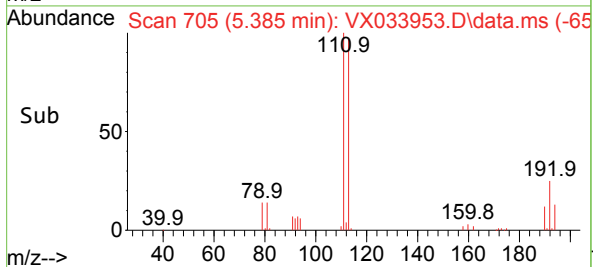
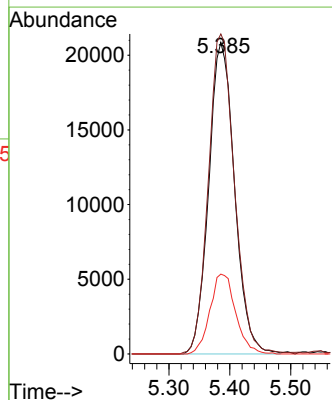
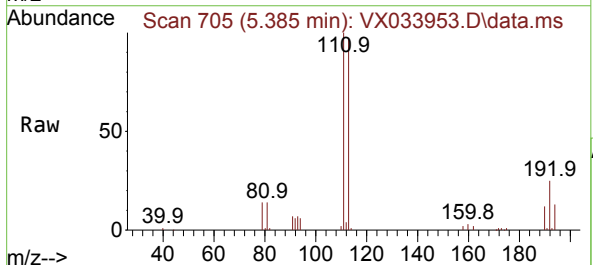
Instrument :
MSVOA_X
ClientSampleId :

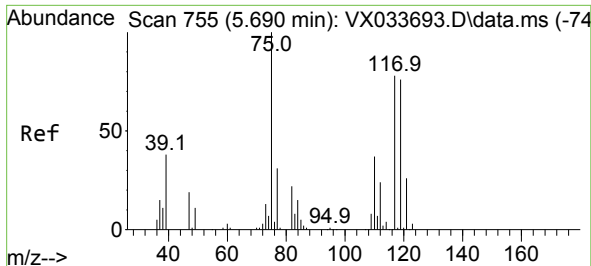
Tgt Ion:114 Resp: 216080
Ion Ratio Lower Upper
114 100
63 18.5 0.0 37.4
88 14.9 0.0 30.6



#35
Dibromofluoromethane
Concen: 45.814 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX033953.D
Acq: 30 Jan 2023 18:00

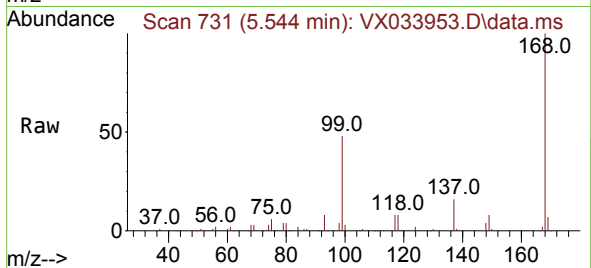
Tgt Ion:113 Resp: 61471
Ion Ratio Lower Upper
113 100
111 103.7 83.0 124.6
192 25.5 19.0 28.4



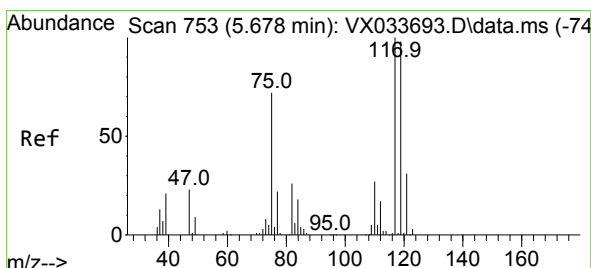
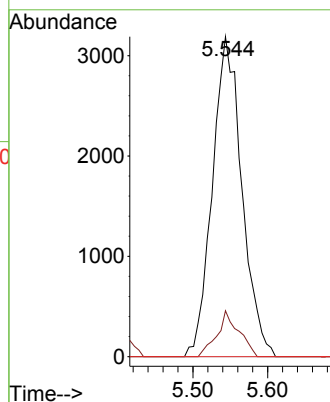
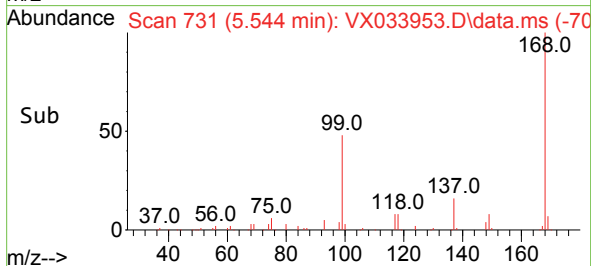


#36
1,1-Dichloropropene
Concen: 4.469 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.147 min
Lab File: VX033953.D
Acq: 30 Jan 2023 18:00

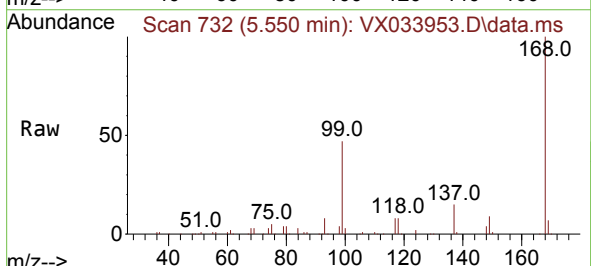
Instrument :
MSVOA_X
ClientSampleId :



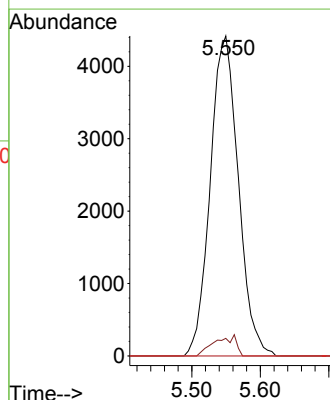
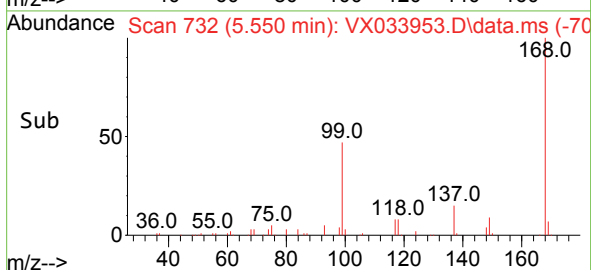
Tgt Ion: 75 Resp: 8751
Ion Ratio Lower Upper
75 100
110 10.6 18.8 56.4#
77 0.0 25.1 37.7#

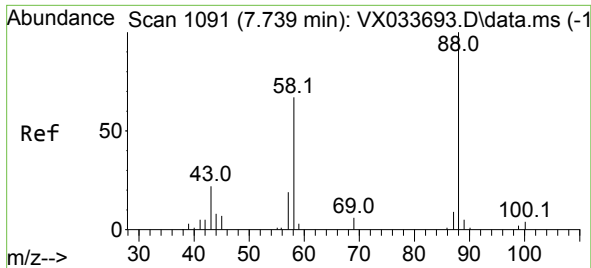


#38
Carbon Tetrachloride
Concen: 6.205 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX033953.D
Acq: 30 Jan 2023 18:00



Tgt Ion: 117 Resp: 12584
Ion Ratio Lower Upper
117 100
119 5.5 78.0 117.0#
121 0.0 24.4 36.6#

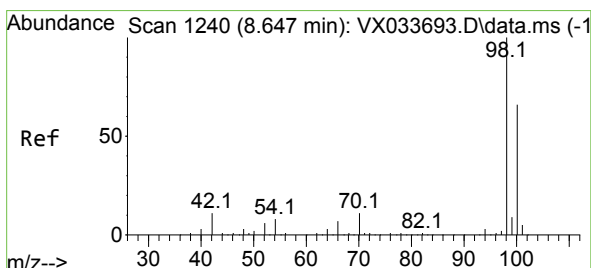
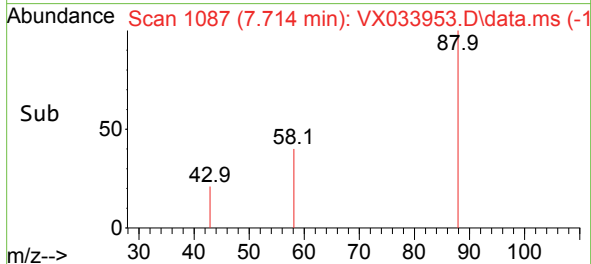
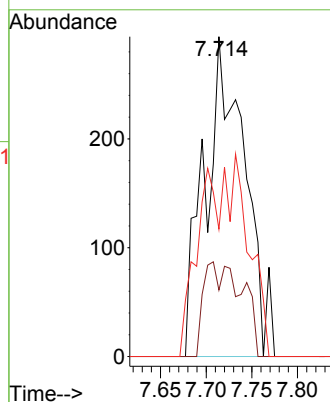
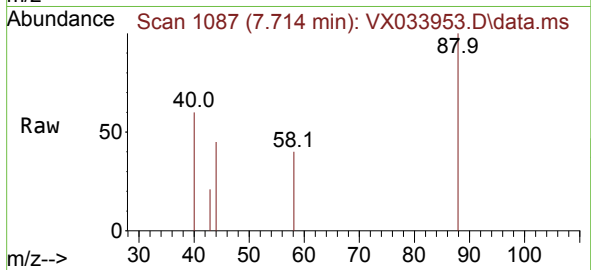




#49
1,4-Dioxane
Concen: 25.837 ug/l
RT: 7.714 min Scan# 1087
Delta R.T. -0.025 min
Lab File: VX033953.D
Acq: 30 Jan 2023 18:00

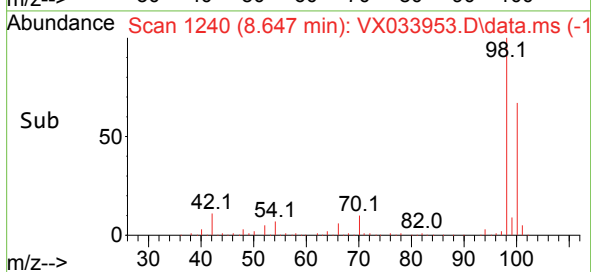
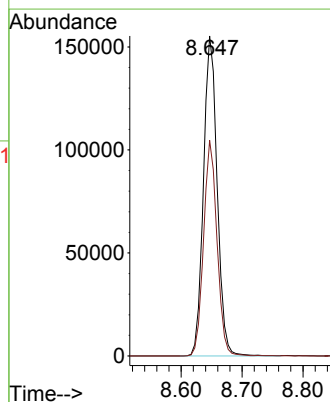
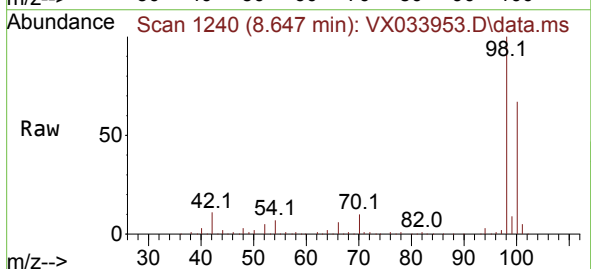
Instrument :
MSVOA_X
ClientSampleId :

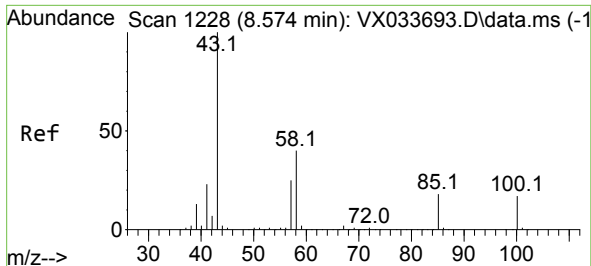
Tgt Ion: 88 Resp: 890
Ion Ratio Lower Upper
88 100
43 11.9 0.0 0.0#
58 33.1 56.5 84.7#



#50
Toluene-d8
Concen: 49.658 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX033953.D
Acq: 30 Jan 2023 18:00

Tgt Ion: 98 Resp: 242761
Ion Ratio Lower Upper
98 100
100 66.1 53.6 80.4

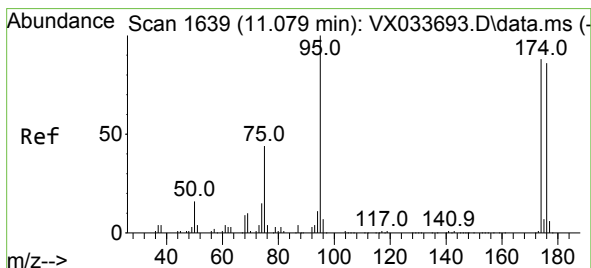
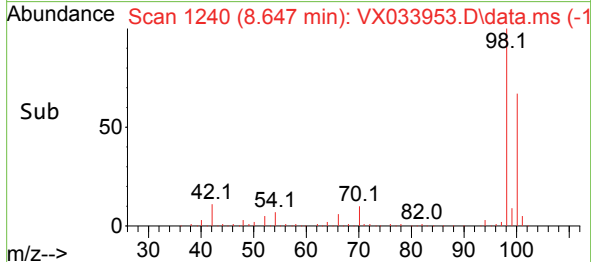
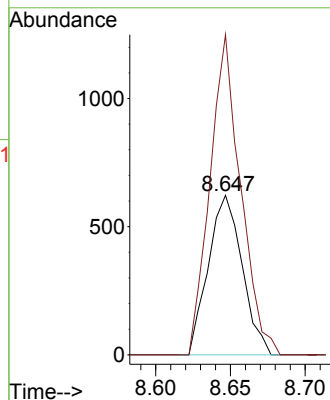
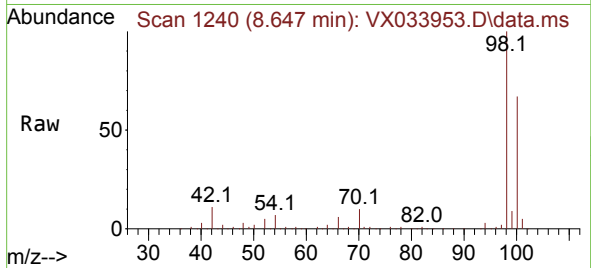




#51
4-Methyl-2-Pentanone
Concen: 0.515 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX033953.D
Acq: 30 Jan 2023 18:00

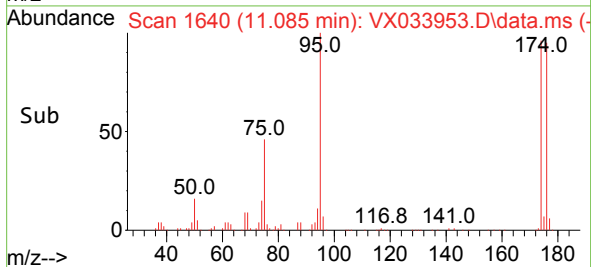
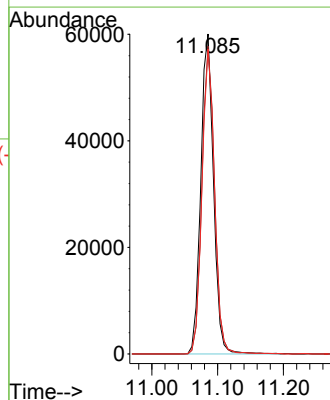
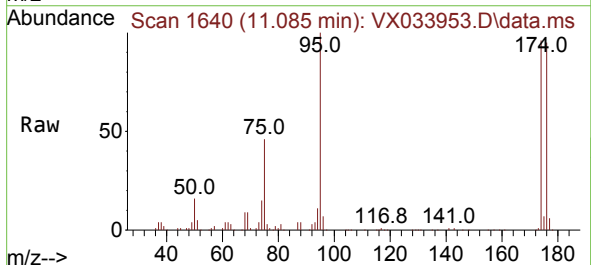
Instrument :
MSVOA_X
ClientSampleId :

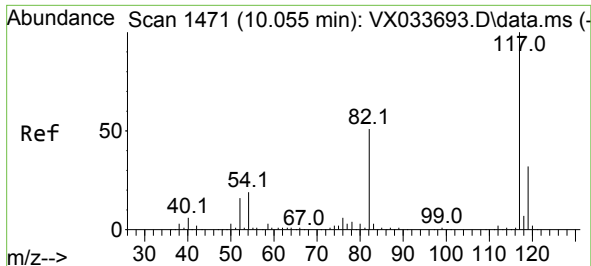
Tgt Ion: 43 Resp: 978
Ion Ratio Lower Upper
43 100
58 182.2 31.2 46.8#



#62
4-Bromofluorobenzene
Concen: 44.493 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX033953.D
Acq: 30 Jan 2023 18:00

Tgt Ion: 95 Resp: 80758
Ion Ratio Lower Upper
95 100
174 95.8 0.0 184.4
176 94.2 0.0 178.8

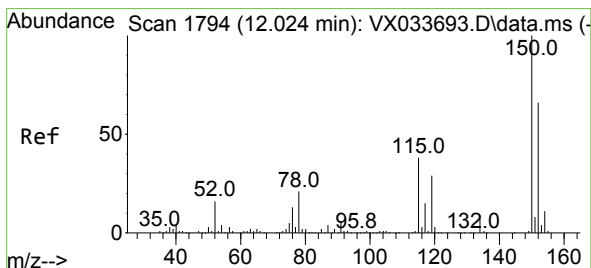
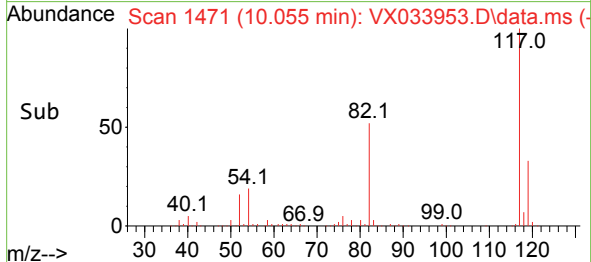
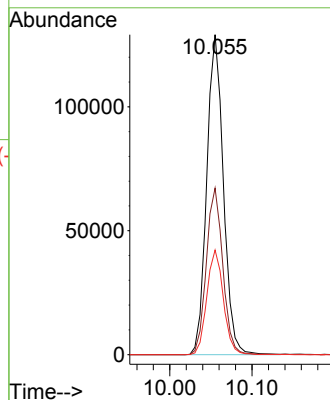
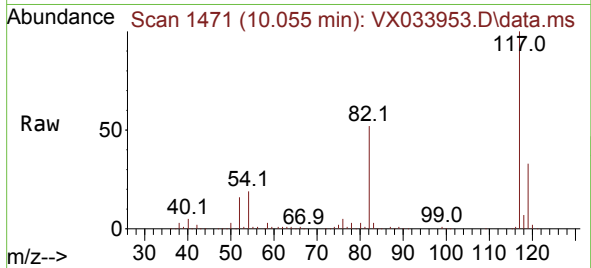




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX033953.D
Acq: 30 Jan 2023 18:00

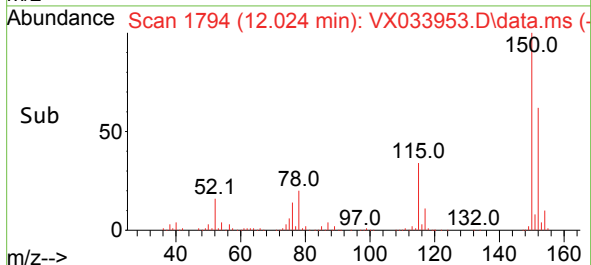
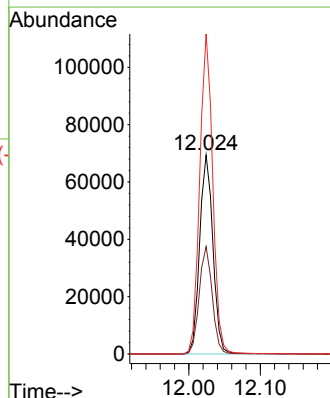
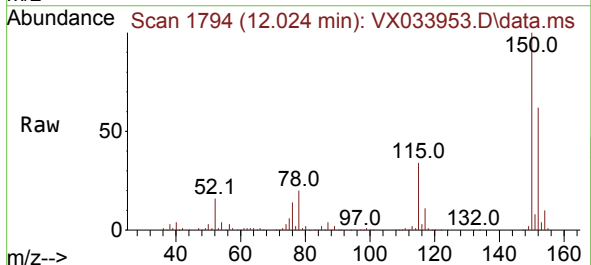
Instrument :
MSVOA_X
ClientSampleId :

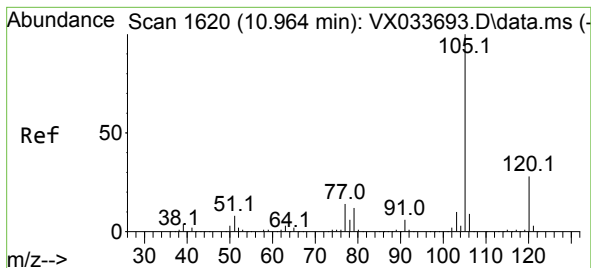
Tgt Ion:117 Resp: 181926
Ion Ratio Lower Upper
117 100
82 52.1 40.6 60.8
119 32.7 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX033953.D
Acq: 30 Jan 2023 18:00

Tgt Ion:152 Resp: 89458
Ion Ratio Lower Upper
152 100
115 52.9 38.7 116.1
150 157.7 0.0 348.2





#73

Isopropylbenzene

Concen: Below Cal

RT: 10.957 min Scan# 1

Delta R.T. -0.007 min

Lab File: VX033953.D

Acq: 30 Jan 2023 18:00

Instrument :

MSVOA_X

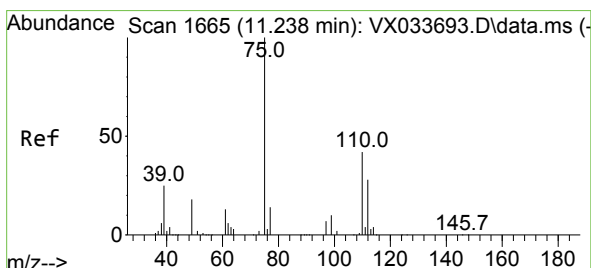
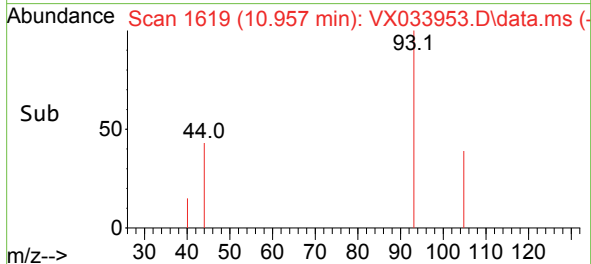
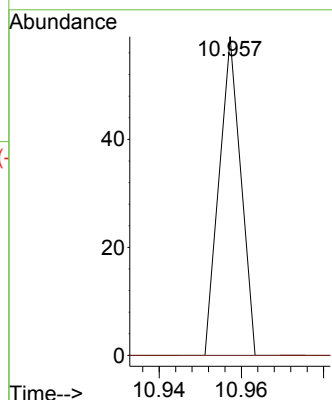
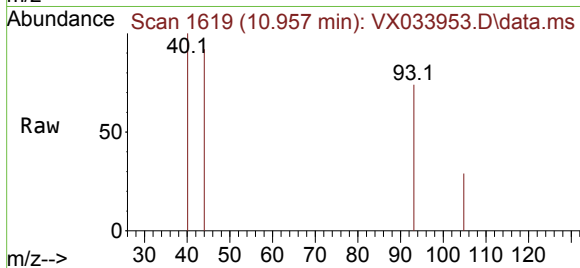
ClientSampleId :

Tgt Ion:105 Resp: 22

Ion Ratio Lower Upper

105 100

120 0.0 13.6 40.8#



#76

1,2,3-Trichloropropane

Concen: 22.568 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. -0.153 min

Lab File: VX033953.D

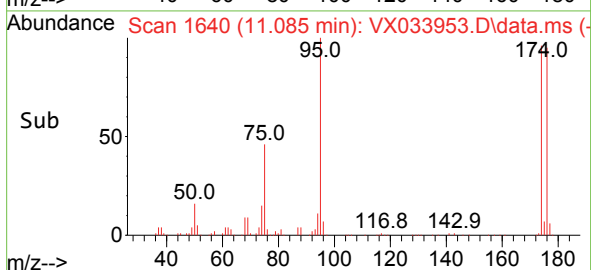
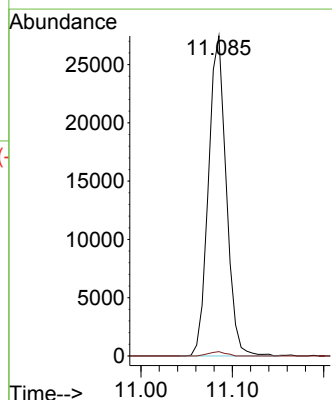
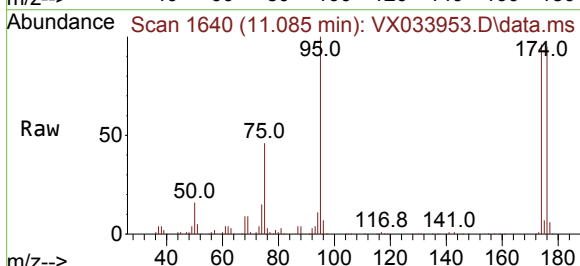
Acq: 30 Jan 2023 18:00

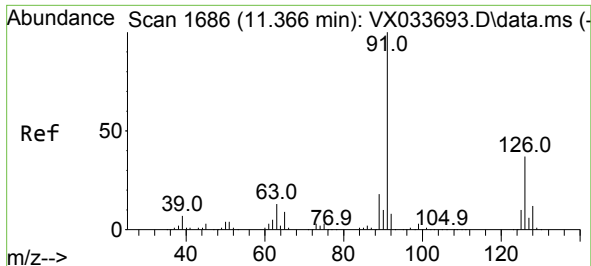
Tgt Ion: 75 Resp: 37094

Ion Ratio Lower Upper

75 100

77 1.3 21.8 65.4#

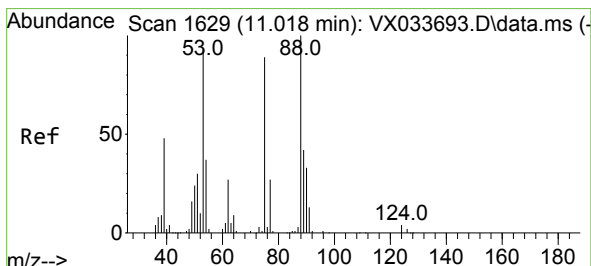
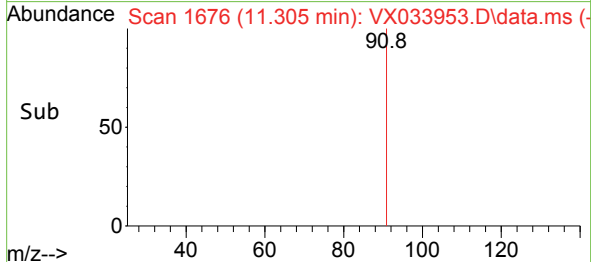
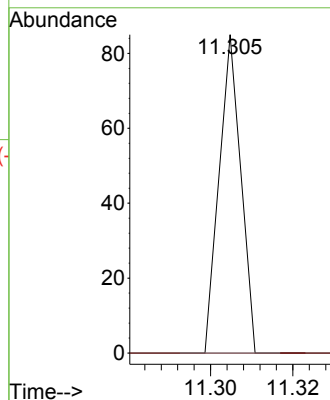
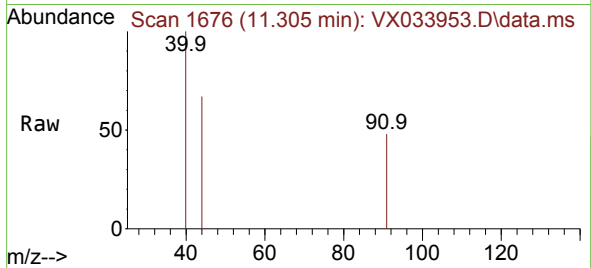




#79
2-Chlorotoluene
Concen: Below Cal
RT: 11.305 min Scan# 1676
Delta R.T. -0.061 min
Lab File: VX033953.D
Acq: 30 Jan 2023 18:00

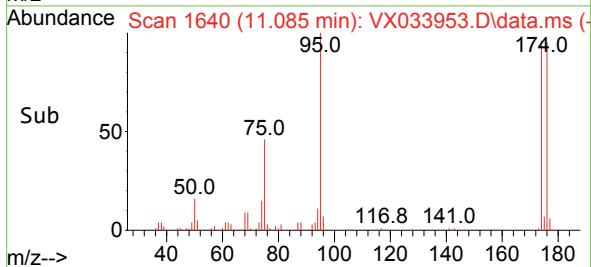
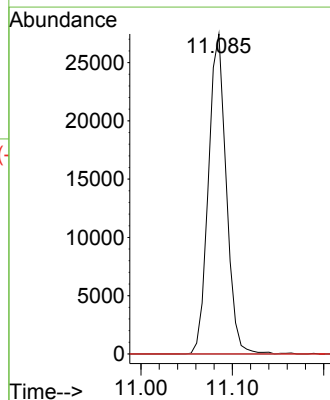
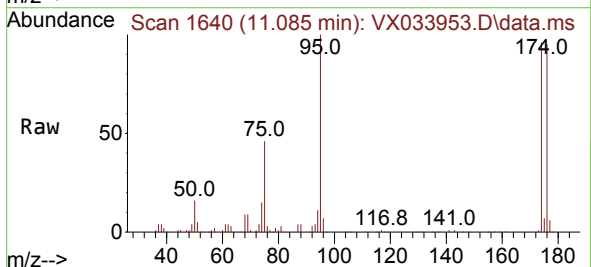
Instrument :
MSVOA_X
ClientSampleId :

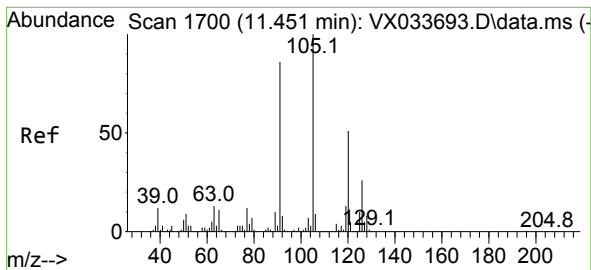
Tgt Ion: 91 Resp: 31
Ion Ratio Lower Upper
91 100
126 0.0 18.1 54.1#



#81
trans-1,4-Dichloro-2-butene
Concen: 70.139 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX033953.D
Acq: 30 Jan 2023 18:00

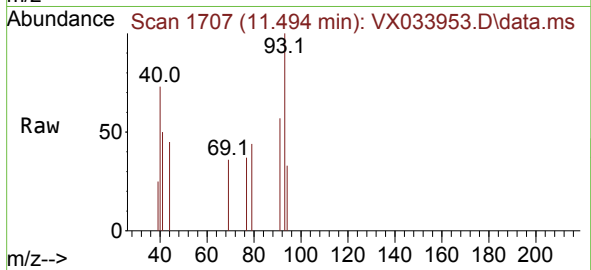
Tgt Ion: 75 Resp: 37094
Ion Ratio Lower Upper
75 100
53 0.0 83.0 124.6#
89 0.0 37.7 56.5#





#82
 4-Chlorotoluene
 Concen: Below Cal
 RT: 11.494 min Scan# 11
 Delta R.T. 0.043 min
 Lab File: VX033953.D
 Acq: 30 Jan 2023 18:00

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 91 Resp: 363
 Ion Ratio Lower Upper
 91 100
 126 0.0 15.8 47.4#

