

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX013023\
 Data File : VX033952.D
 Acq On : 30 Jan 2023 17:37
 Operator : JC/MD
 Sample : 01328-15
 Misc : 12.01g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 31 04:50:27 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)

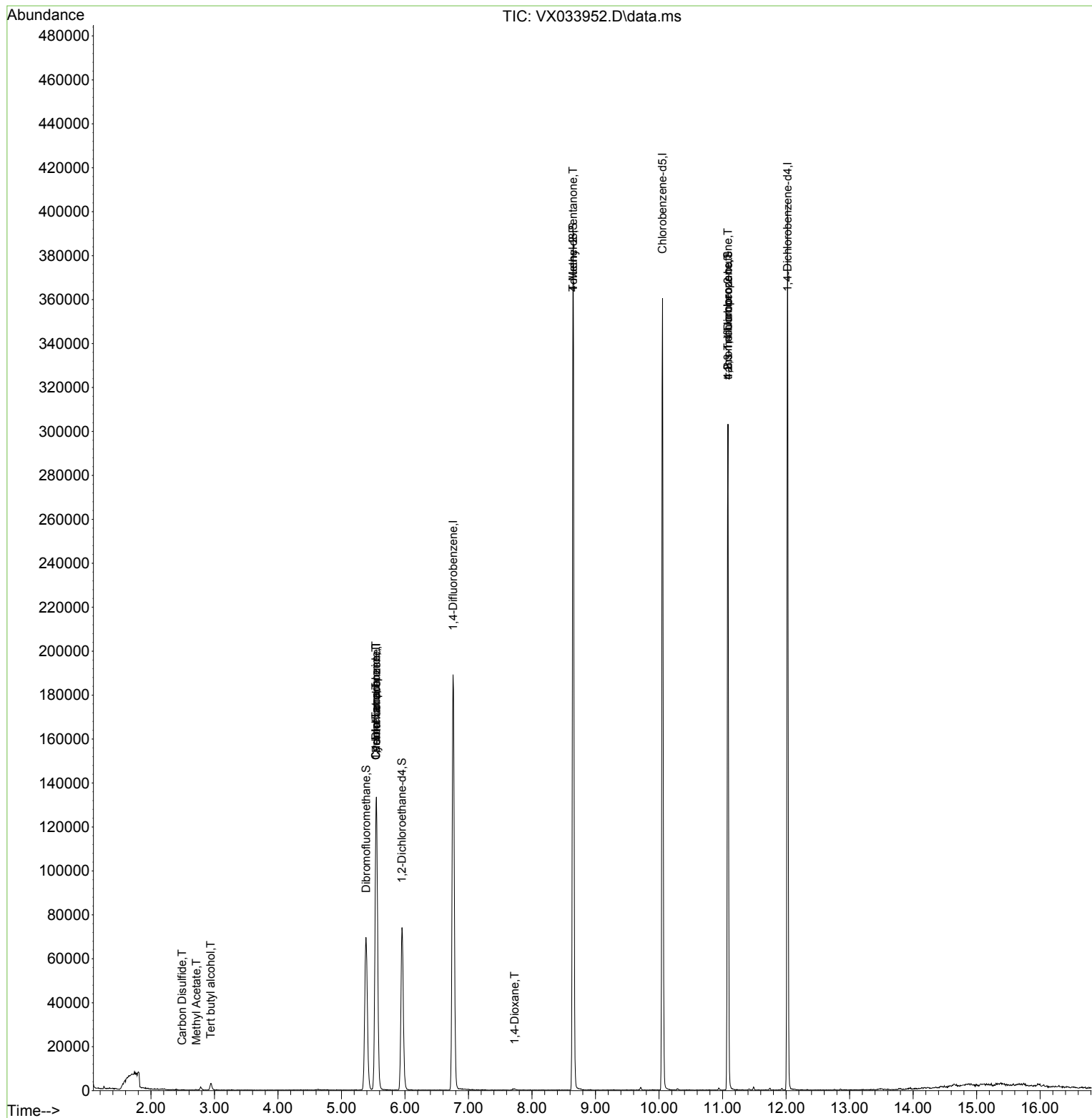
Internal Standards						
1) Pentafluorobenzene	5.550	168	147214	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	210417	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	183376	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	91810	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	69158	44.617	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	89.240%
35) Dibromofluoromethane	5.385	113	61405	46.997	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.000%
50) Toluene-d8	8.647	98	240655	50.552	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.100%
62) 4-Bromofluorobenzene	11.085	95	81080	45.873	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.740%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.941	59	1879	6.978	ug/l #	86
16) Acetone	2.404	43	381	Below Cal		98
17) Carbon Disulfide	2.489	76	134	1.865	ug/l #	76
18) Methyl Acetate	2.715	43	442	0.204	ug/l #	53
20) Methylene Chloride	2.782	84	755	Below Cal		93
31) Cyclohexane	5.544	56	2161	0.947	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	8883	4.658	ug/l #	47
38) Carbon Tetrachloride	5.544	117	12094	6.124	ug/l #	17
49) 1,4-Dioxane	7.726	88	657	19.587	ug/l #	14
51) 4-Methyl-2-Pentanone	8.647	43	991	0.536	ug/l #	1
73) Isopropylbenzene	11.079	105	84	Below Cal	#	48
76) 1,2,3-Trichloropropane	11.085	75	37040	21.958	ug/l #	34
79) 2-Chlorotoluene	11.305	91	128	Below Cal	#	39
81) trans-1,4-Dichloro-2-b...	11.085	75	37040	68.242	ug/l #	8
82) 4-Chlorotoluene	11.488	91	256	Below Cal	#	43

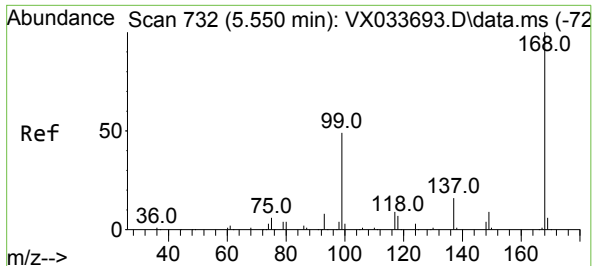
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 31 04:50:27 2023
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Quant Title : SW846 8260
QLast Update : Wed Jan 11 14:48:42 2023
Response via : Initial Calibration

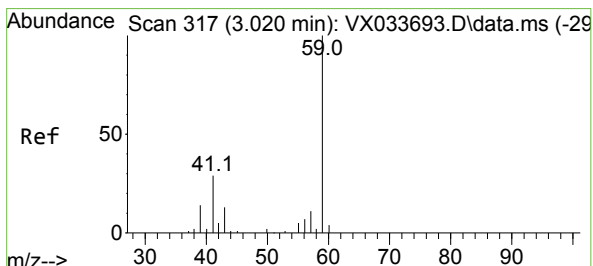
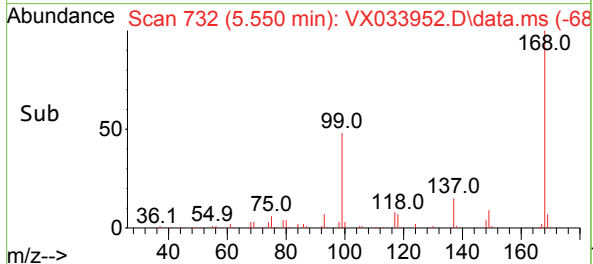
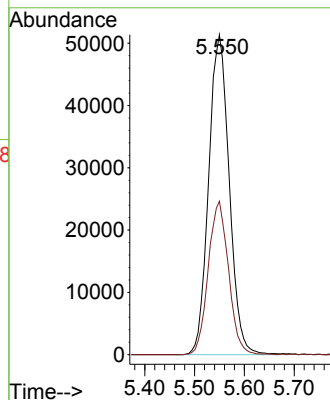
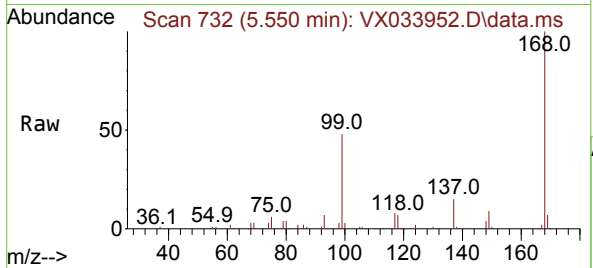




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033952.D
Acq: 30 Jan 2023 17:37

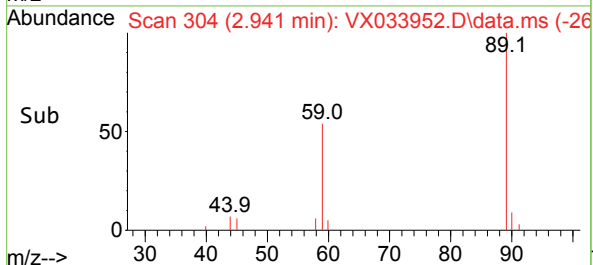
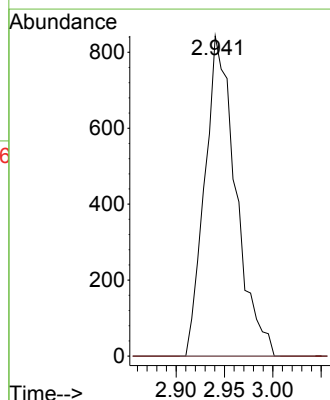
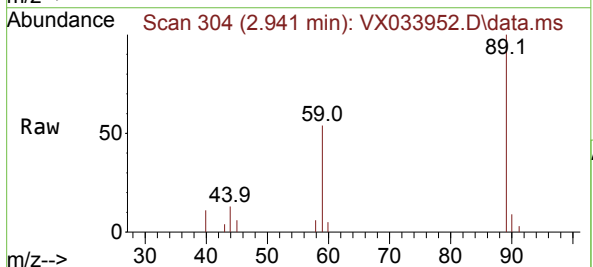
Instrument :
MSVOA_X
ClientSampleId :

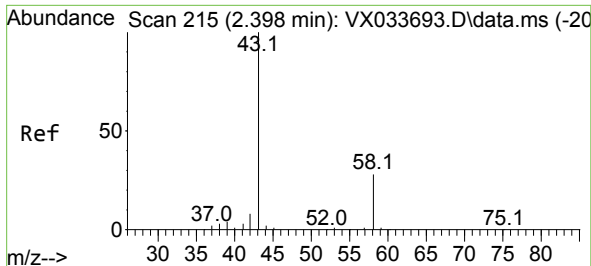
Tgt Ion:168 Resp: 147214
Ion Ratio Lower Upper
168 100
99 48.0 39.6 59.4



#11
Tert butyl alcohol
Concen: 6.978 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.079 min
Lab File: VX033952.D
Acq: 30 Jan 2023 17:37

Tgt Ion: 59 Resp: 1879
Ion Ratio Lower Upper
59 100
57 0.0 3.7 5.5#

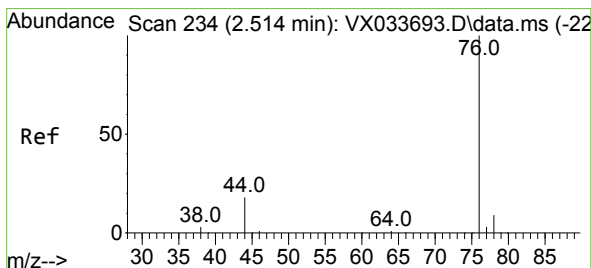
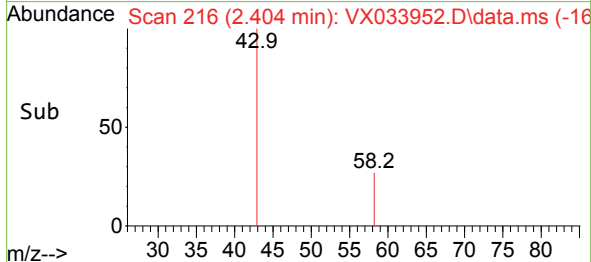
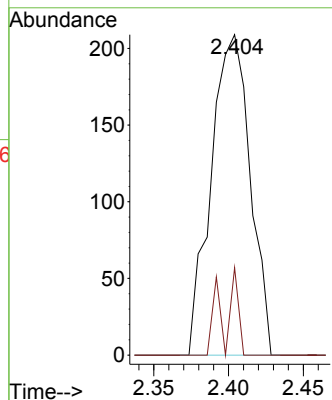
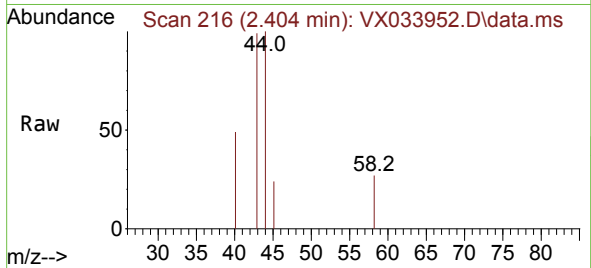




#16
Acetone
Concen: Below Cal
RT: 2.404 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX033952.D
Acq: 30 Jan 2023 17:37

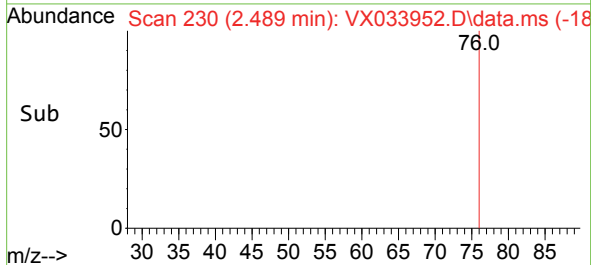
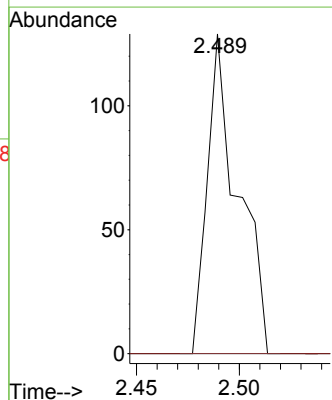
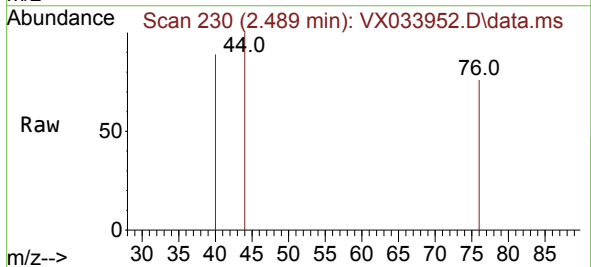
Instrument :
MSVOA_X
ClientSampleId :

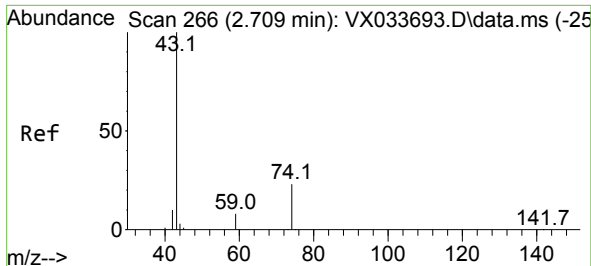
Tgt Ion: 43 Resp: 381
Ion Ratio Lower Upper
43 100
58 27.3 22.6 33.8



#17
Carbon Disulfide
Concen: 1.865 ug/l
RT: 2.489 min Scan# 230
Delta R.T. -0.025 min
Lab File: VX033952.D
Acq: 30 Jan 2023 17:37

Tgt Ion: 76 Resp: 134
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#

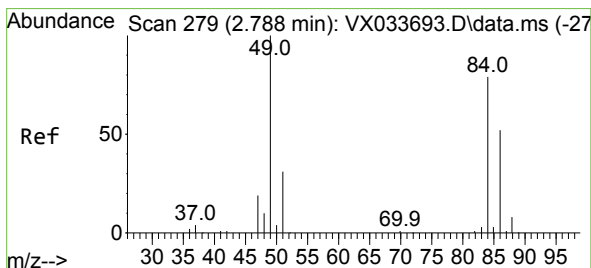
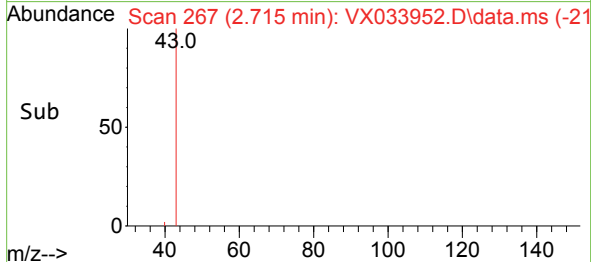
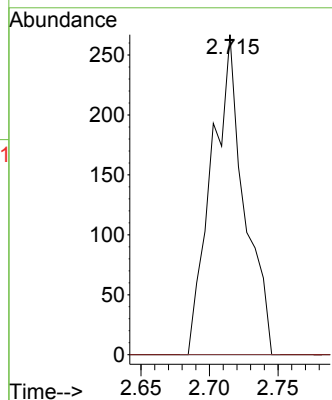
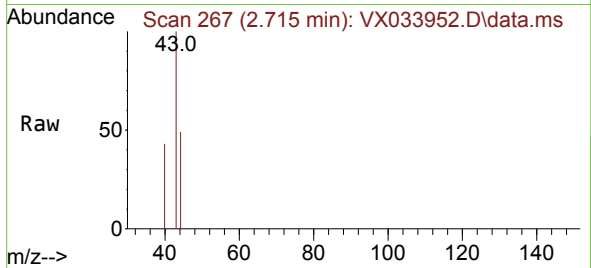




#18
Methyl Acetate
Concen: 0.204 ug/l
RT: 2.715 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX033952.D
Acq: 30 Jan 2023 17:37

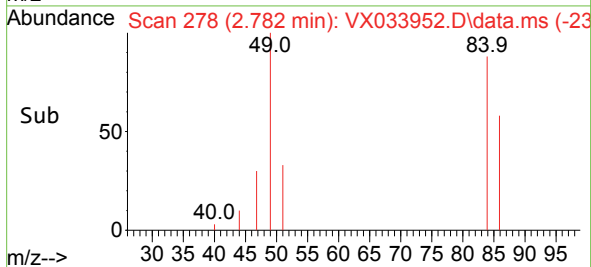
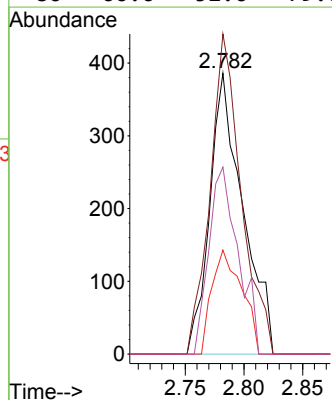
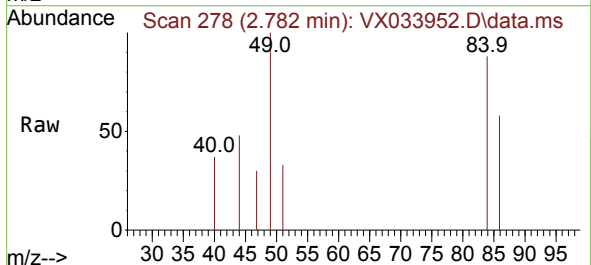
Instrument :
MSVOA_X
ClientSampleId :

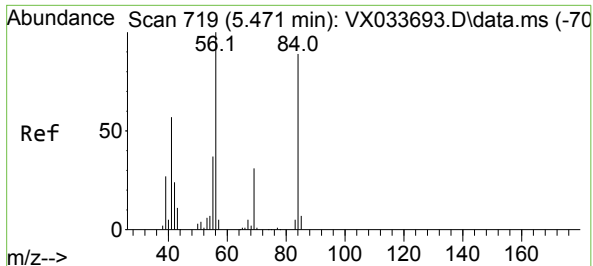
Tgt Ion: 43 Resp: 442
Ion Ratio Lower Upper
43 100
74 0.0 18.2 27.4#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX033952.D
Acq: 30 Jan 2023 17:37

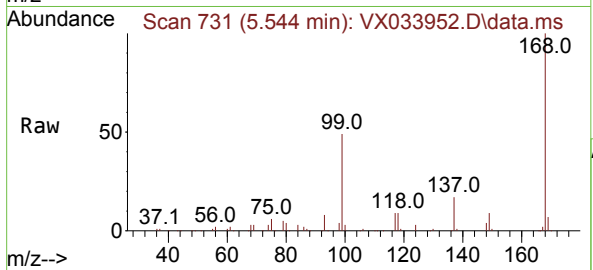
Tgt Ion: 84 Resp: 755
Ion Ratio Lower Upper
84 100
49 114.0 101.1 151.7
51 37.0 31.0 46.6
86 66.6 52.6 79.0



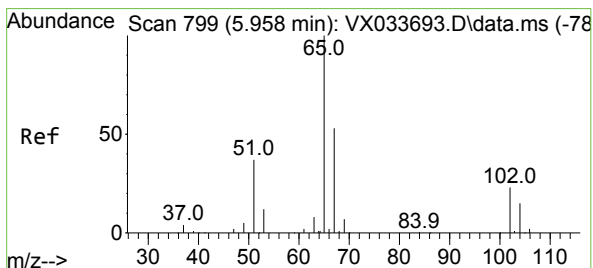
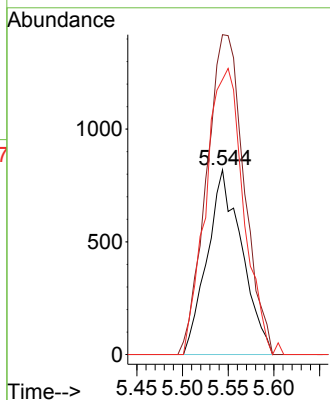
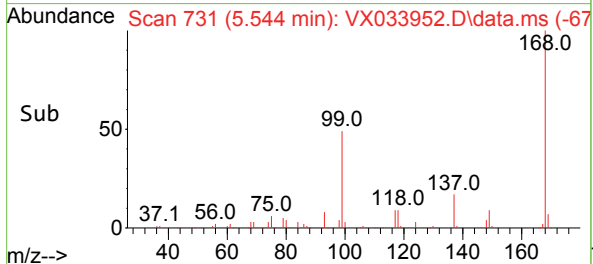


#31
Cyclohexane
Concen: 0.947 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX033952.D
Acq: 30 Jan 2023 17:37

Instrument :
MSVOA_X
ClientSampleId :

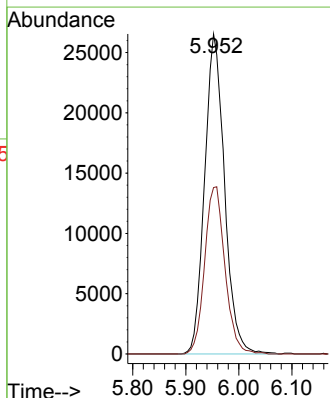
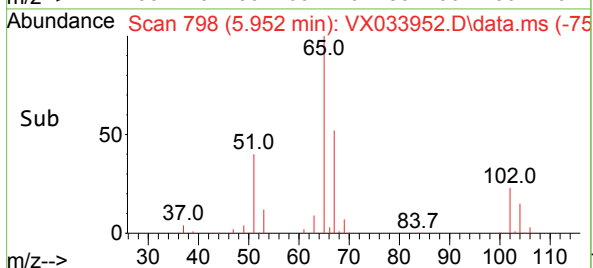
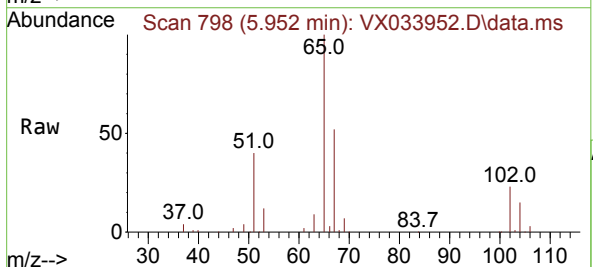


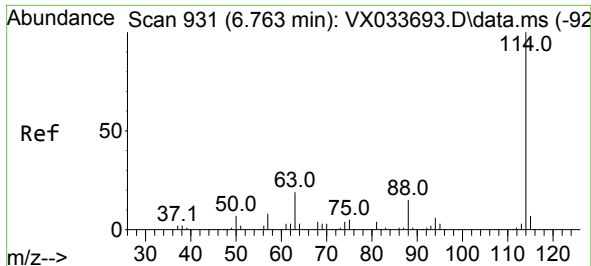
Tgt Ion: 56 Resp: 2161
Ion Ratio Lower Upper
56 100
69 173.3 24.6 37.0#
84 149.0 71.0 106.6#



#33
1,2-Dichloroethane-d4
Concen: 44.617 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX033952.D
Acq: 30 Jan 2023 17:37

Tgt Ion: 65 Resp: 69158
Ion Ratio Lower Upper
65 100
67 53.4 0.0 104.8

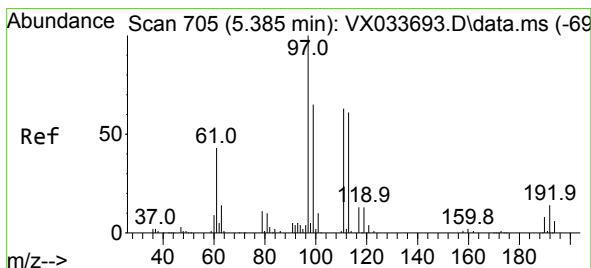
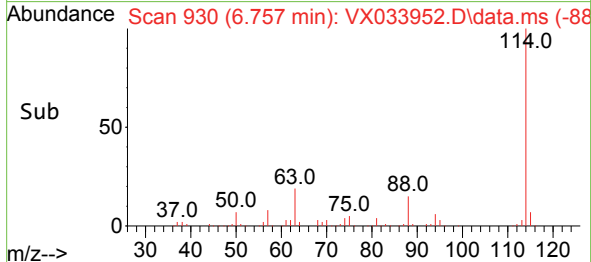
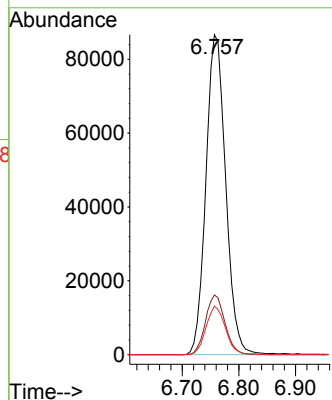
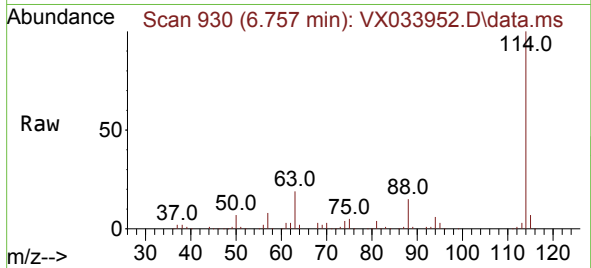




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX033952.D
Acq: 30 Jan 2023 17:37

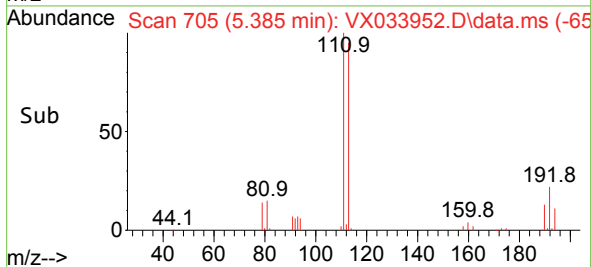
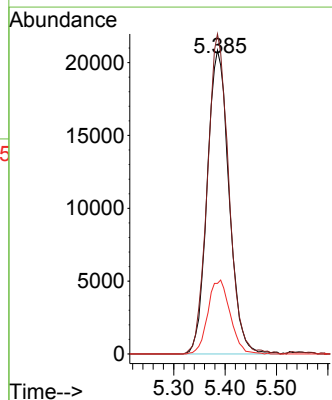
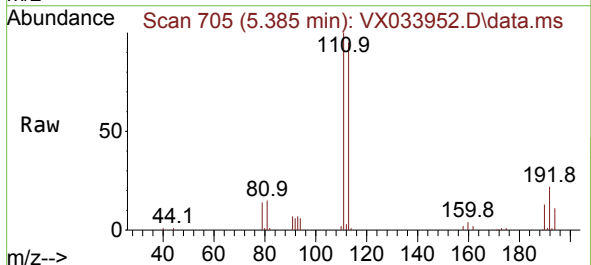
Instrument :
MSVOA_X
ClientSampleId :

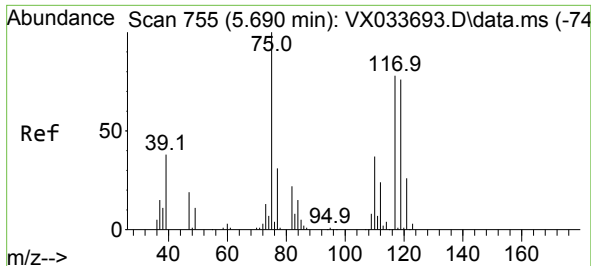
Tgt Ion:114 Resp: 210417
Ion Ratio Lower Upper
114 100
63 18.7 0.0 37.4
88 15.2 0.0 30.6



#35
Dibromofluoromethane
Concen: 46.997 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX033952.D
Acq: 30 Jan 2023 17:37

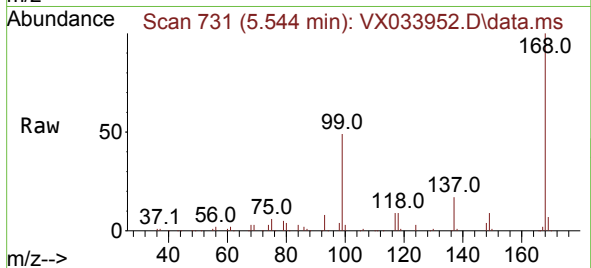
Tgt Ion:113 Resp: 61405
Ion Ratio Lower Upper
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111 103.4 83.0 124.6
192 24.9 19.0 28.4



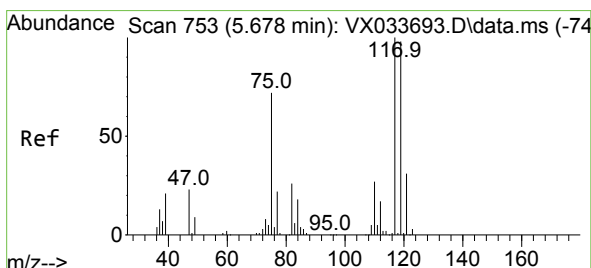
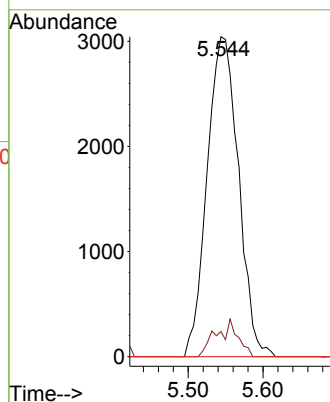
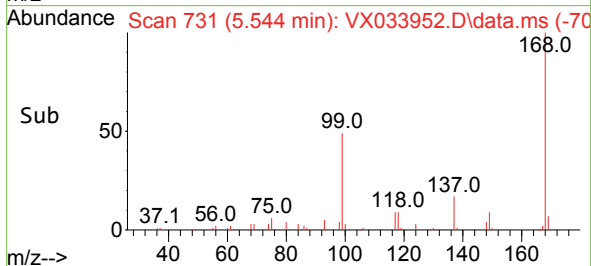


#36
1,1-Dichloropropene
Concen: 4.658 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.146 min
Lab File: VX033952.D
Acq: 30 Jan 2023 17:37

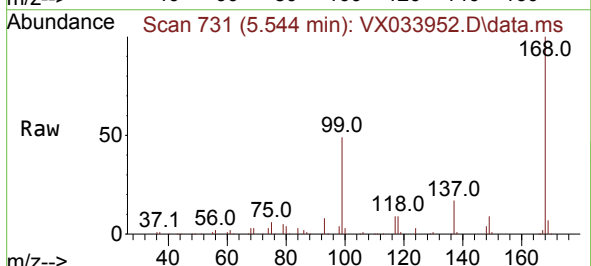
Instrument :
MSVOA_X
ClientSampleId :



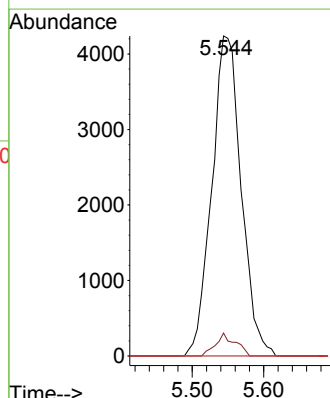
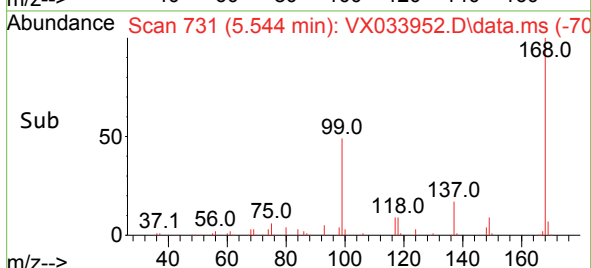
Tgt Ion: 75 Resp: 8883
Ion Ratio Lower Upper
75 100
110 8.1 18.8 56.4#
77 0.0 25.1 37.7#

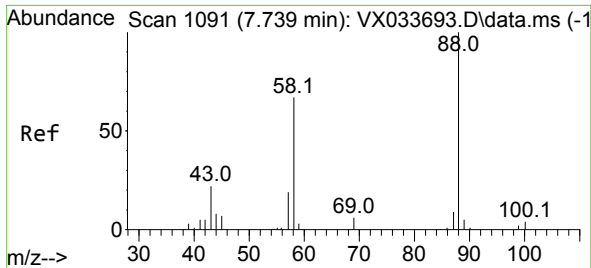


#38
Carbon Tetrachloride
Concen: 6.124 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.134 min
Lab File: VX033952.D
Acq: 30 Jan 2023 17:37



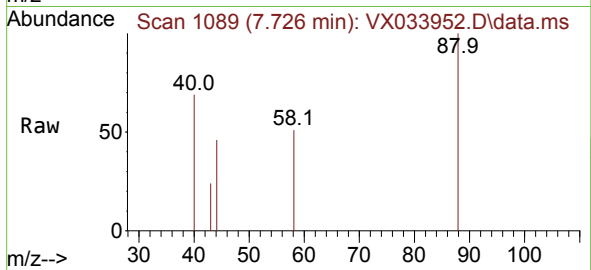
Tgt Ion: 117 Resp: 12094
Ion Ratio Lower Upper
117 100
119 7.2 78.0 117.0#
121 0.0 24.4 36.6#



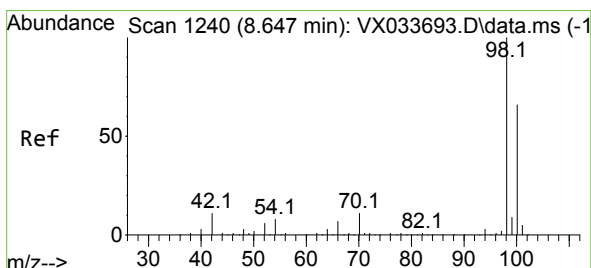
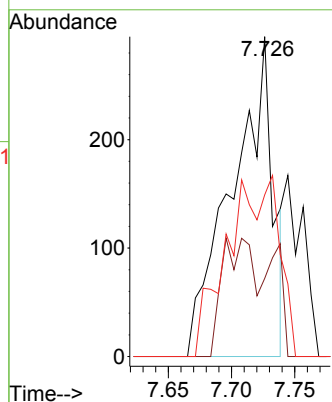
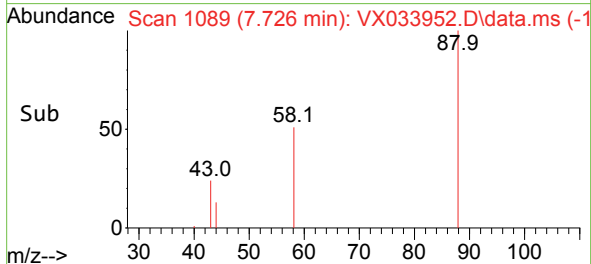


#49
1,4-Dioxane
Concen: 19.587 ug/l
RT: 7.726 min Scan# 1089
Delta R.T. -0.012 min
Lab File: VX033952.D
Acq: 30 Jan 2023 17:37

Instrument :
MSVOA_X
ClientSampleId :

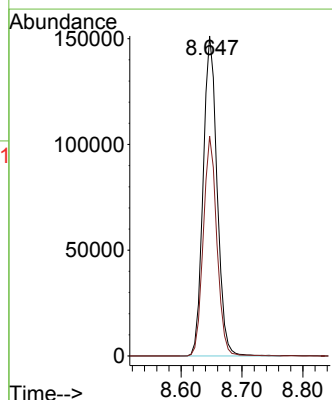
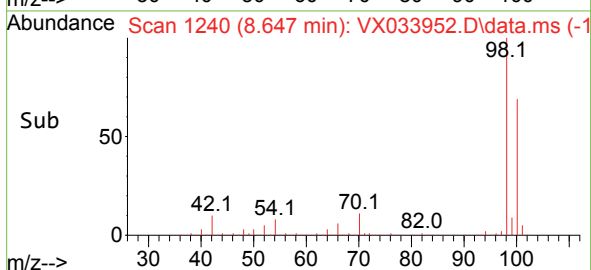
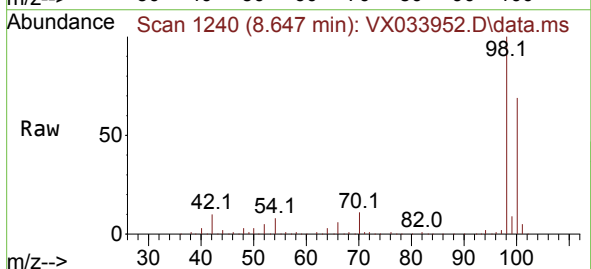


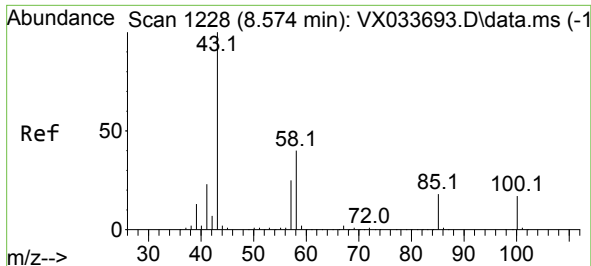
Tgt Ion: 88 Resp: 657
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 0.0 56.5 84.7#



#50
Toluene-d8
Concen: 50.552 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX033952.D
Acq: 30 Jan 2023 17:37

Tgt Ion: 98 Resp: 240655
Ion Ratio Lower Upper
98 100
100 67.0 53.6 80.4





#51

4-Methyl-2-Pentanone

Concen: 0.536 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.073 min

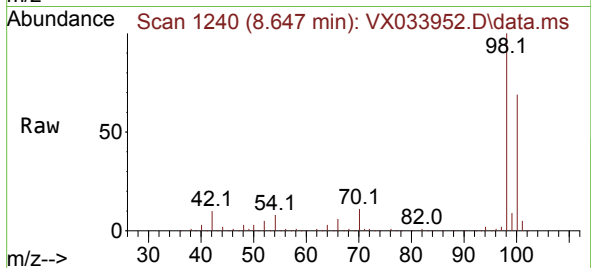
Lab File: VX033952.D

Acq: 30 Jan 2023 17:37

Instrument :

MSVOA_X

ClientSampleId :

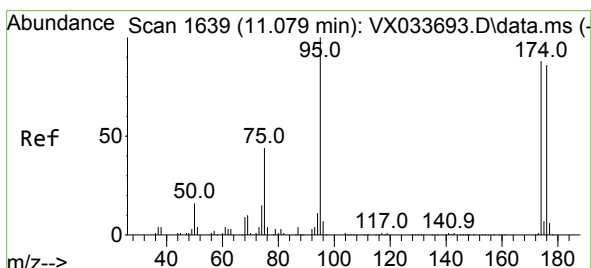
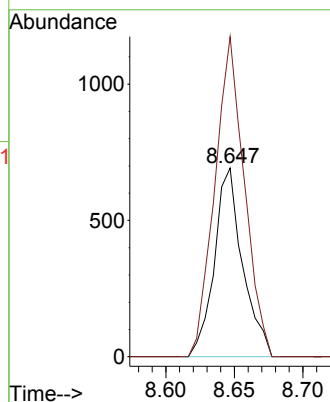
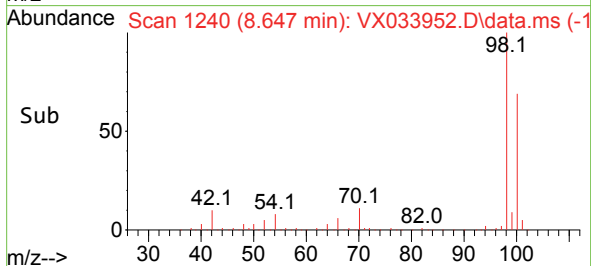


Tgt Ion: 43 Resp: 991

Ion Ratio Lower Upper

43 100

58 177.8 31.2 46.8#



#62

4-Bromofluorobenzene

Concen: 45.873 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.006 min

Lab File: VX033952.D

Acq: 30 Jan 2023 17:37

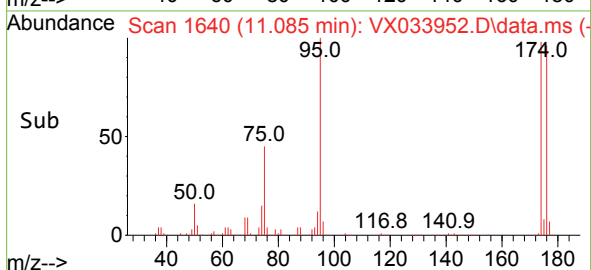
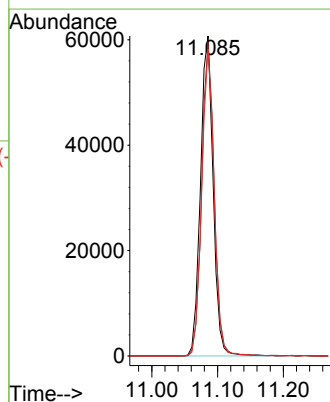
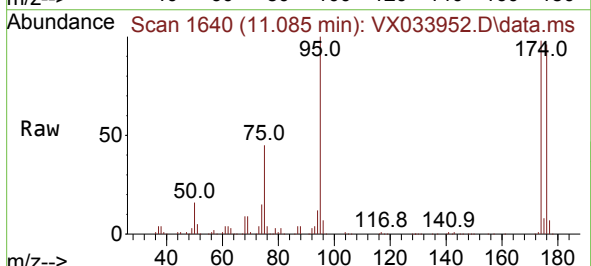
Tgt Ion: 95 Resp: 81080

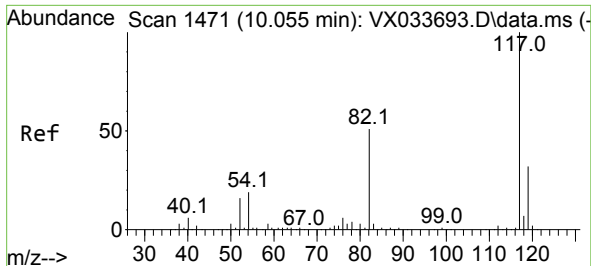
Ion Ratio Lower Upper

95 100

174 96.5 0.0 184.4

176 94.7 0.0 178.8

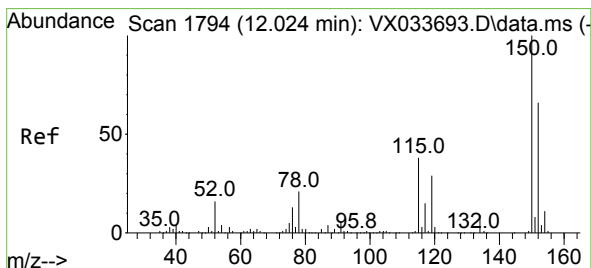
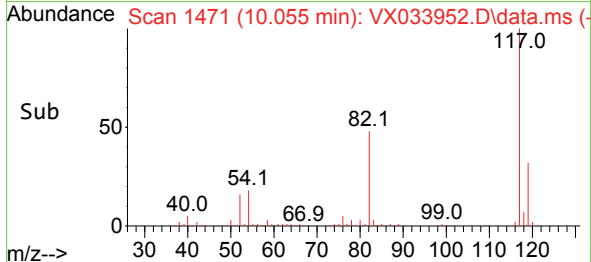
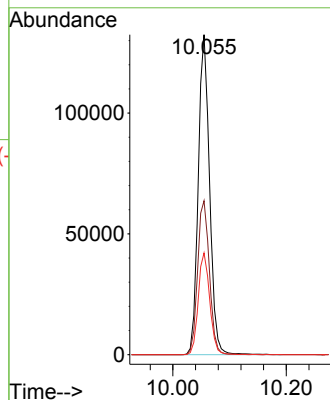
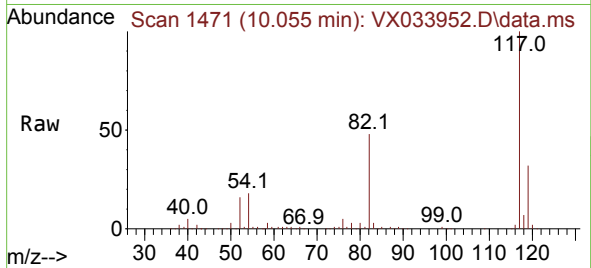




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033952.D
Acq: 30 Jan 2023 17:37

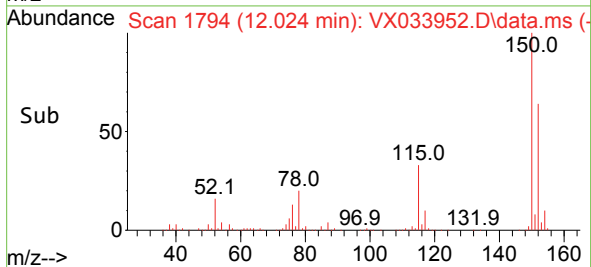
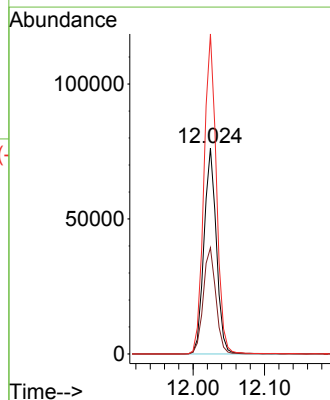
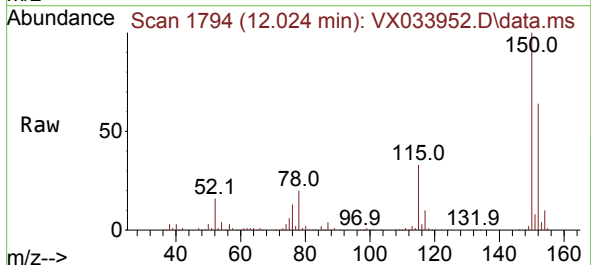
Instrument :
MSVOA_X
ClientSampleId :

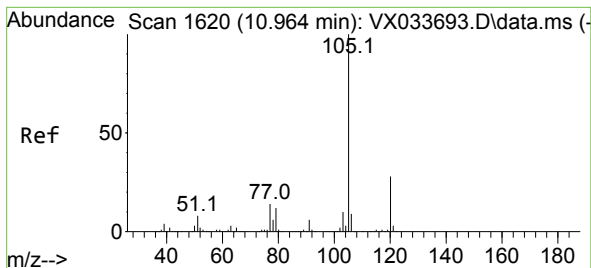
Tgt Ion:117 Resp: 183376
Ion Ratio Lower Upper
117 100
82 48.1 40.6 60.8
119 31.8 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX033952.D
Acq: 30 Jan 2023 17:37

Tgt Ion:152 Resp: 91810
Ion Ratio Lower Upper
152 100
115 52.6 38.7 116.1
150 157.1 0.0 348.2





#73

Isopropylbenzene

Concen: Below Cal

RT: 11.079 min Scan# 1

Delta R.T. 0.115 min

Lab File: VX033952.D

Acq: 30 Jan 2023 17:37

Instrument :

MSVOA_X

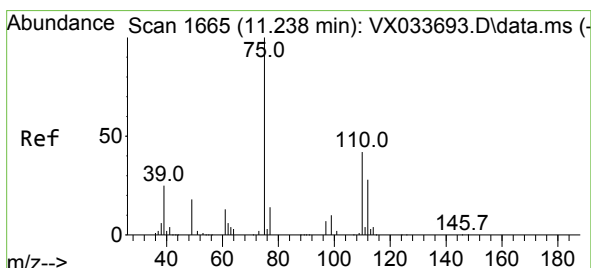
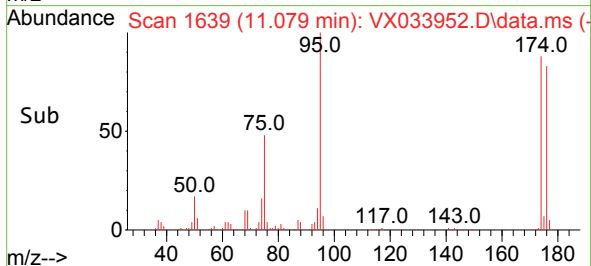
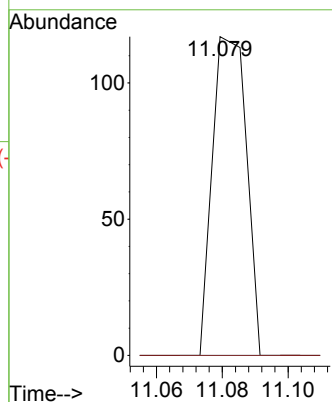
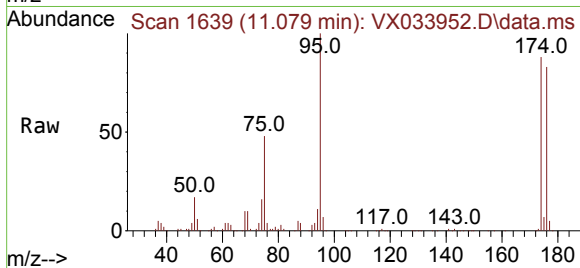
ClientSampleId :

Tgt Ion:105 Resp: 84

Ion Ratio Lower Upper

105 100

120 0.0 13.6 40.8#



#76

1,2,3-Trichloropropane

Concen: 21.958 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. -0.152 min

Lab File: VX033952.D

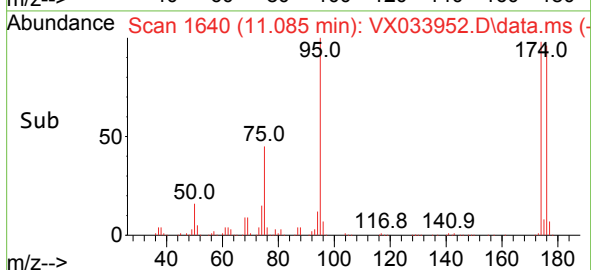
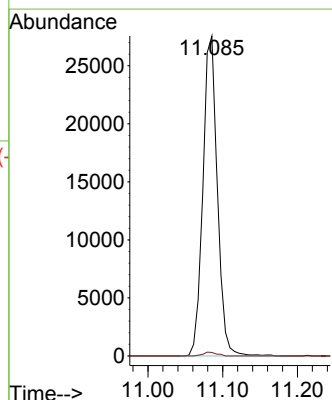
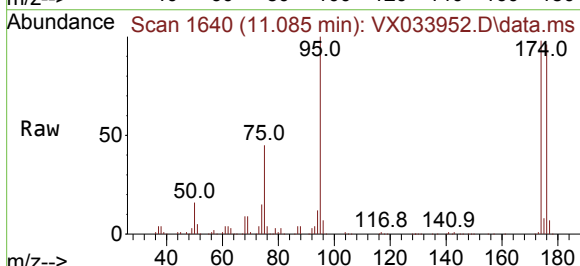
Acq: 30 Jan 2023 17:37

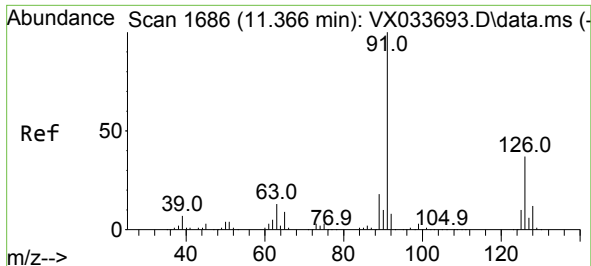
Tgt Ion: 75 Resp: 37040

Ion Ratio Lower Upper

75 100

77 1.1 21.8 65.4#

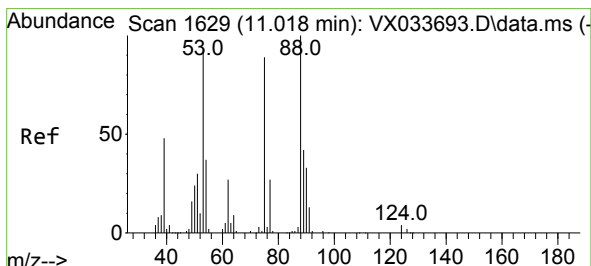
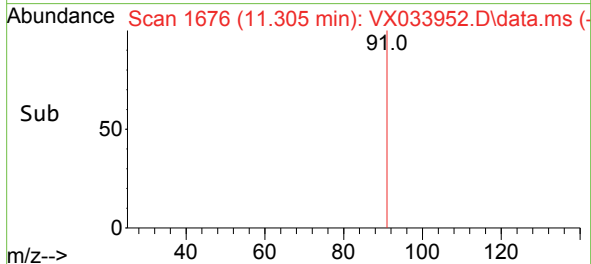
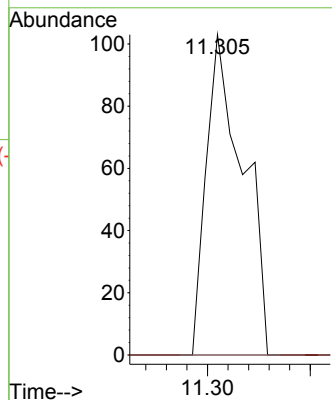
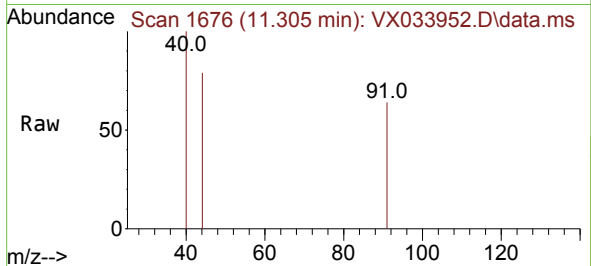




#79
2-Chlorotoluene
Concen: Below Cal
RT: 11.305 min Scan# 1676
Delta R.T. -0.061 min
Lab File: VX033952.D
Acq: 30 Jan 2023 17:37

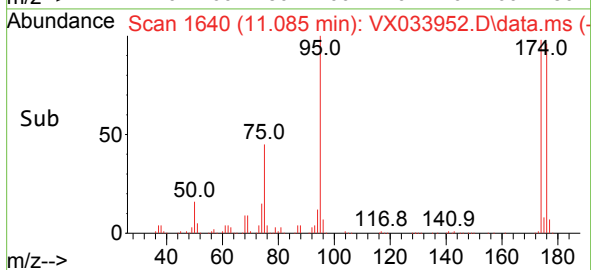
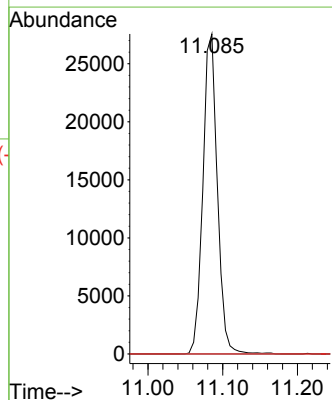
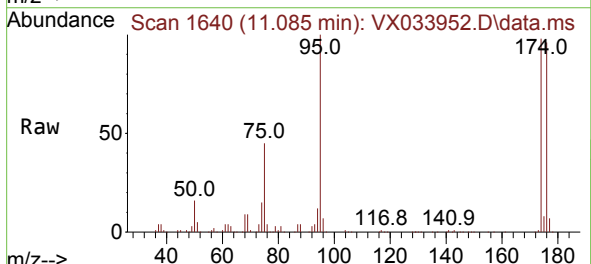
Instrument :
MSVOA_X
ClientSampleId :

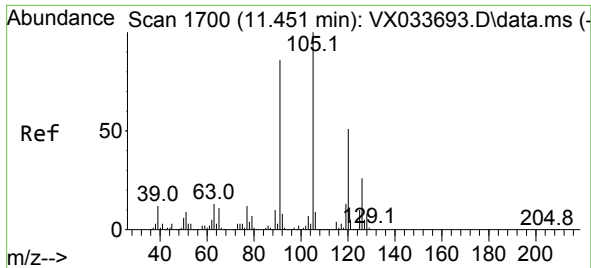
Tgt Ion: 91 Resp: 128
Ion Ratio Lower Upper
91 100
126 0.0 18.1 54.1#



#81
trans-1,4-Dichloro-2-butene
Concen: 68.242 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX033952.D
Acq: 30 Jan 2023 17:37

Tgt Ion: 75 Resp: 37040
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: 11.488 min Scan# 11
 Delta R.T. 0.037 min
 Lab File: VX033952.D
 Acq: 30 Jan 2023 17:37

Instrument :
 MSVOA_X
 ClientSampleId :

Tgt Ion: 91 Resp: 256
 Ion Ratio Lower Upper
 91 100
 126 0.0 15.8 47.4#

