

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011623\
 Data File : VX033744.D
 Acq On : 16 Jan 2023 12:25
 Operator : JC/MD
 Sample : VX0116MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0116MBL02

Quant Time: Jan 17 00:40:07 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	135498	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	199988	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	224270	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	95235	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	86711	60.779	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 121.560%#	
35) Dibromofluoromethane	5.385	113	67478	54.338	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 108.680%	
50) Toluene-d8	8.647	98	289992	64.092	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 128.180%#	
62) 4-Bromofluorobenzene	11.079	95	89883	53.505	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 107.020%	

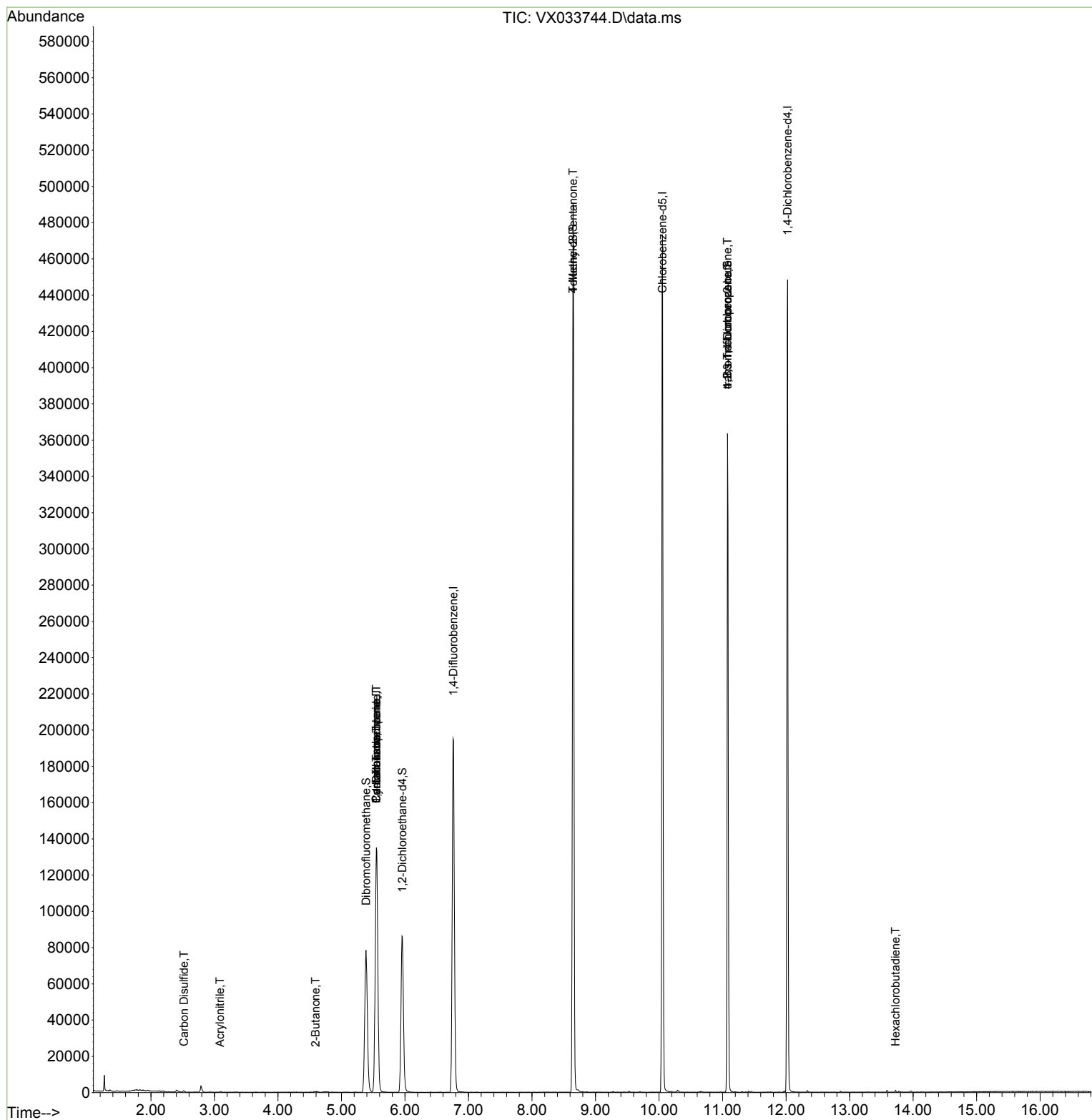
Target Compounds			Qvalue			
15) Acrylonitrile	3.087	53	134	0.205	ug/l #	46
16) Acetone	2.404	43	1603	Below Cal		92
17) Carbon Disulfide	2.520	76	1023	2.176	ug/l #	76
20) Methylene Chloride	2.788	84	1536	Below Cal	#	91
25) 2-Butanone	4.592	43	249	0.267	ug/l #	51
31) Cyclohexane	5.550	56	2661	1.268	ug/l #	33
36) 1,1-Dichloropropene	5.550	75	9783	5.398	ug/l #	49
37) Ethyl Acetate	4.733	43	1180	Below Cal	#	68
38) Carbon Tetrachloride	5.550	117	12731	6.782	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	1141	0.649	ug/l #	1
64) Tetrachloroethene	9.275	164	100	Below Cal	#	77
73) Isopropylbenzene	10.963	105	128	Below Cal	#	48
76) 1,2,3-Trichloropropane	11.079	75	46963	26.839	ug/l #	34
79) 2-Chlorotoluene	11.366	91	165	Below Cal	#	63
81) trans-1,4-Dichloro-2-b...	11.079	75	46963	83.413	ug/l #	8
82) 4-Chlorotoluene	11.457	91	284	Below Cal	#	43
94) Hexachlorobutadiene	13.725	225	222	0.217	ug/l	89

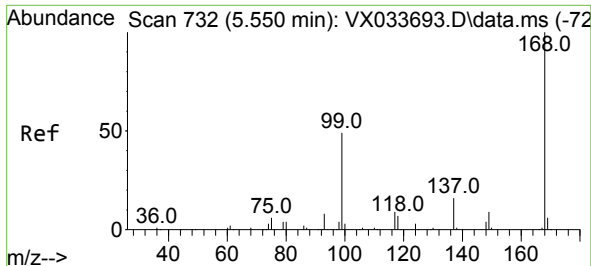
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011623\
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ClientSampleId :
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Quant Time: Jan 17 00:40:07 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

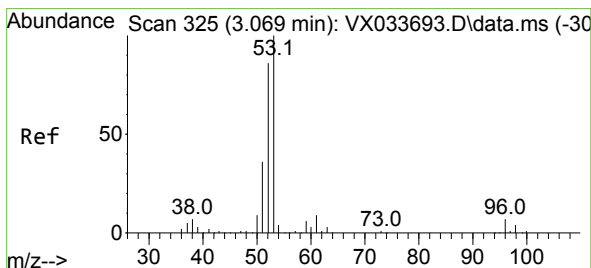
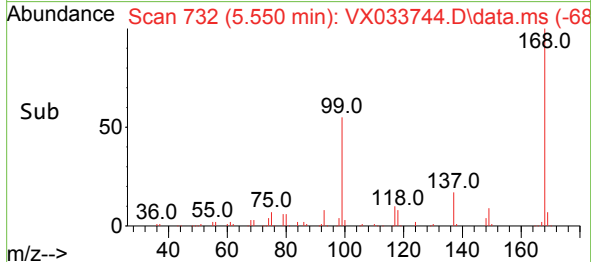
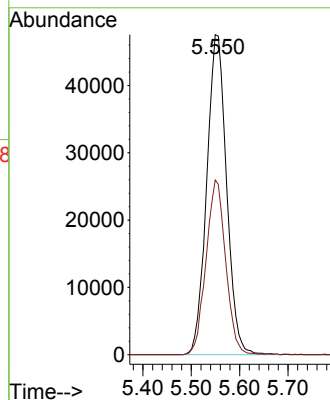
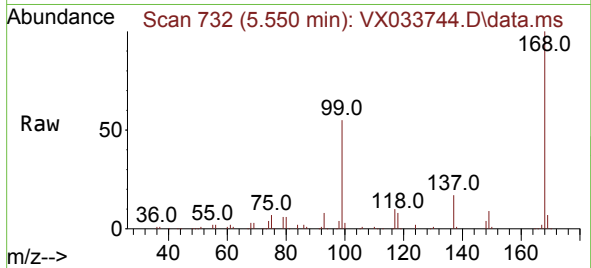




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033744.D
Acq: 16 Jan 2023 12:25

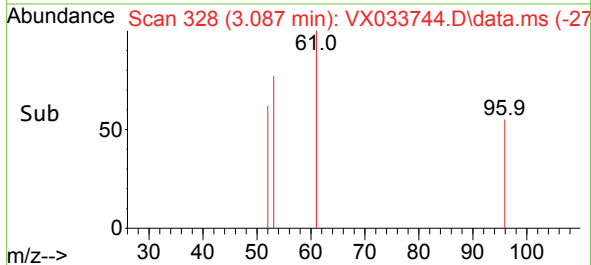
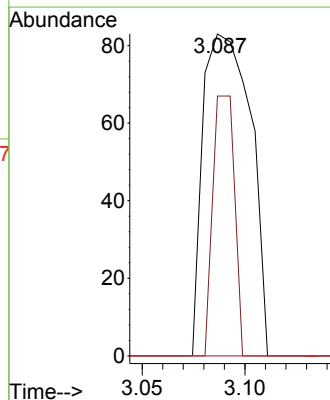
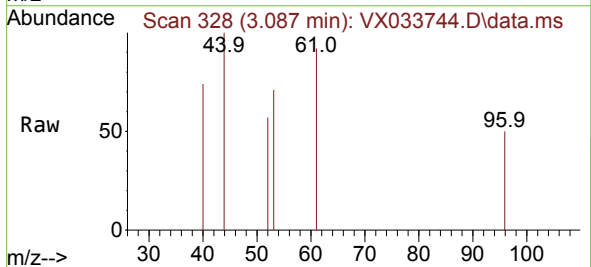
Instrument :
MSVOA_X
ClientSampleId :
VX0116MBL02

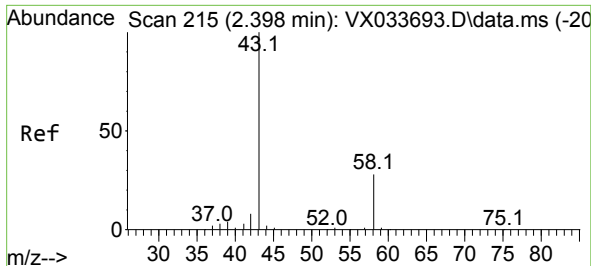
Tgt Ion:168 Resp: 135498
Ion Ratio Lower Upper
168 100
99 54.6 39.6 59.4



#15
Acrylonitrile
Concen: 0.205 ug/l
RT: 3.087 min Scan# 328
Delta R.T. 0.018 min
Lab File: VX033744.D
Acq: 16 Jan 2023 12:25

Tgt Ion: 53 Resp: 134
Ion Ratio Lower Upper
53 100
52 36.6 65.7 98.5#
51 0.0 29.0 43.4#

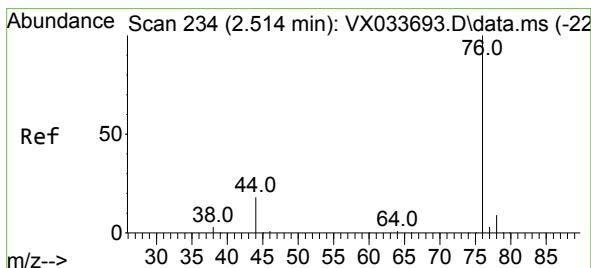
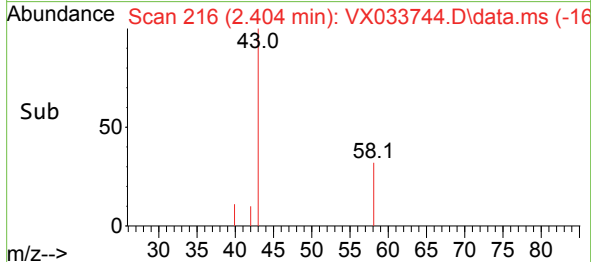
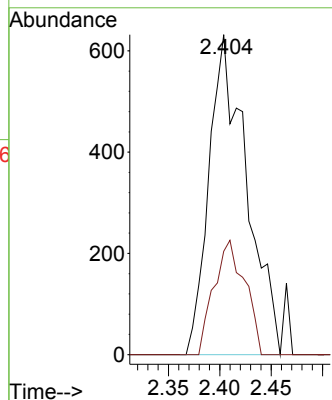
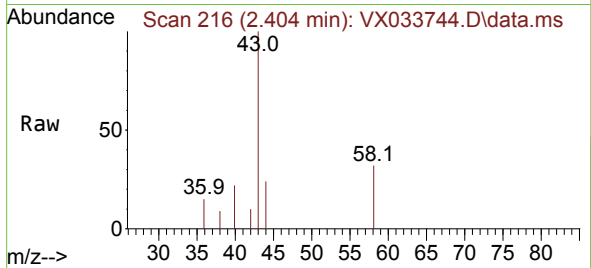




#16
Acetone
Concen: Below Cal
RT: 2.404 min Scan# 215
Delta R.T. 0.006 min
Lab File: VX033744.D
Acq: 16 Jan 2023 12:25

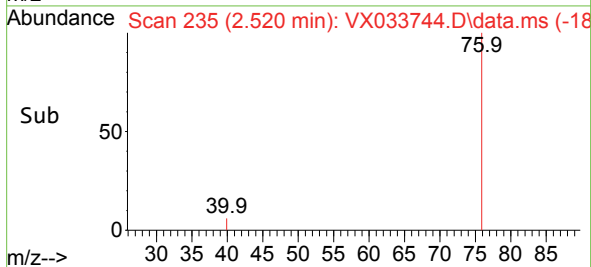
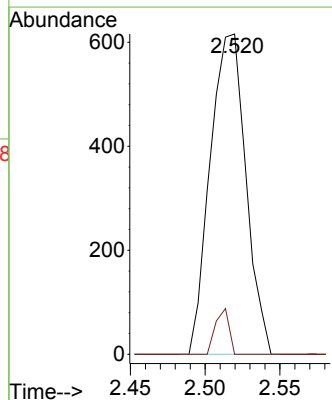
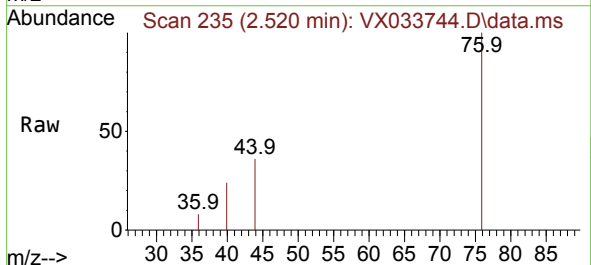
Instrument :
MSVOA_X
ClientSampleId :
VX0116MBL02

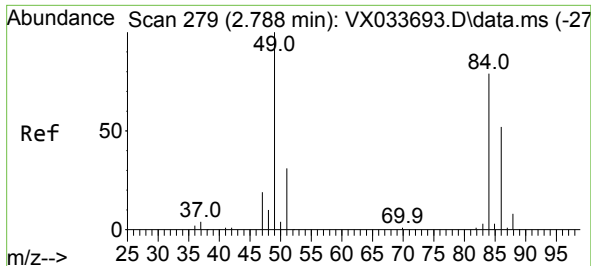
Tgt Ion: 43 Resp: 1603
Ion Ratio Lower Upper
43 100
58 32.3 22.6 33.8



#17
Carbon Disulfide
Concen: 2.176 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.006 min
Lab File: VX033744.D
Acq: 16 Jan 2023 12:25

Tgt Ion: 76 Resp: 1023
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#





#20

Methylene Chloride

Concen: Below Cal

RT: 2.788 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX033744.D

Acq: 16 Jan 2023 12:25

Instrument :

MSVOA_X

ClientSampleId :

VX0116MBL02

Tgt Ion: 84 Resp: 1536

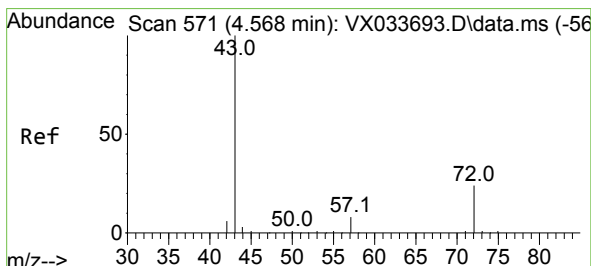
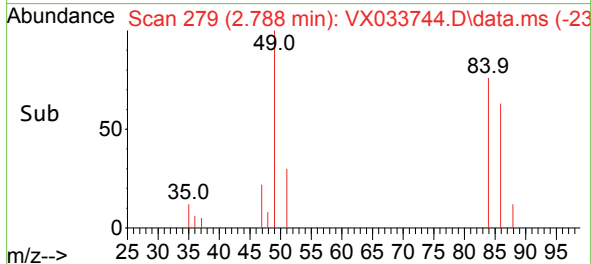
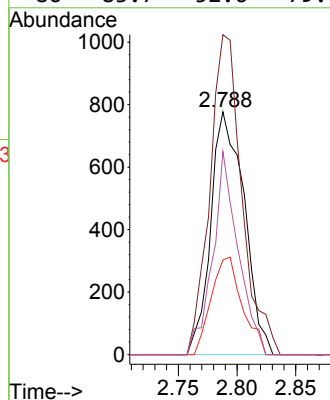
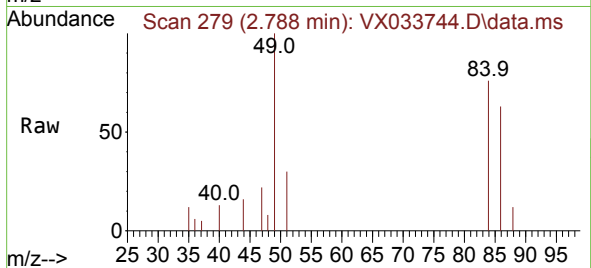
Ion Ratio Lower Upper

84 100

49 131.8 101.1 151.7

51 39.0 31.0 46.6

86 83.7 52.6 79.0#



#25

2-Butanone

Concen: 0.267 ug/l

RT: 4.592 min Scan# 575

Delta R.T. 0.024 min

Lab File: VX033744.D

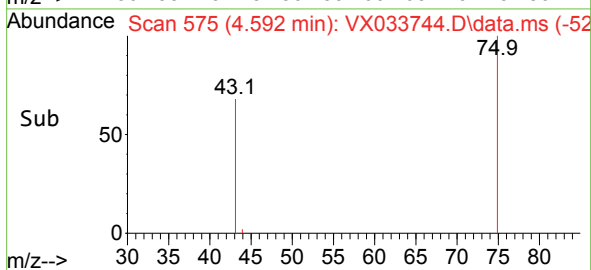
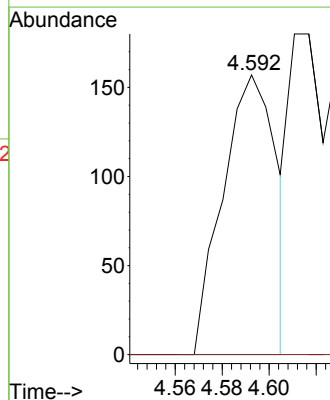
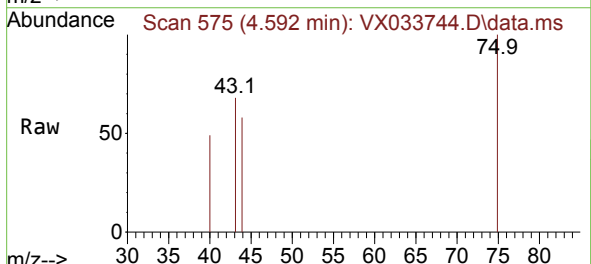
Acq: 16 Jan 2023 12:25

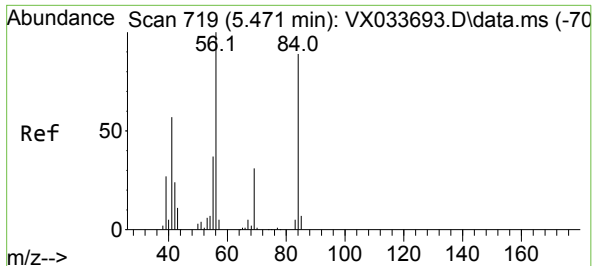
Tgt Ion: 43 Resp: 249

Ion Ratio Lower Upper

43 100

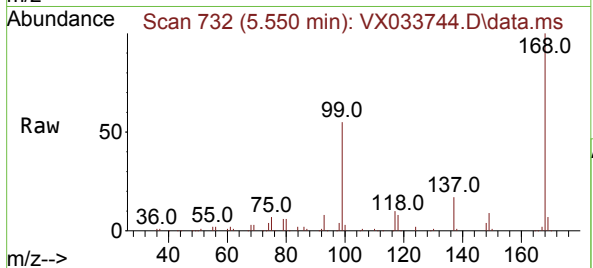
72 0.0 19.4 29.2#



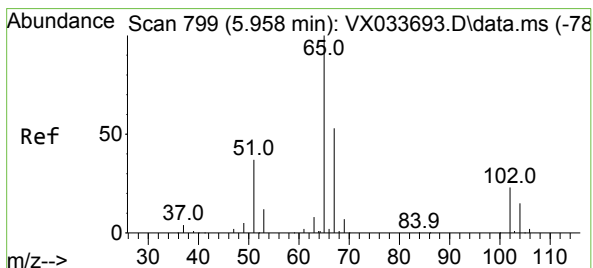
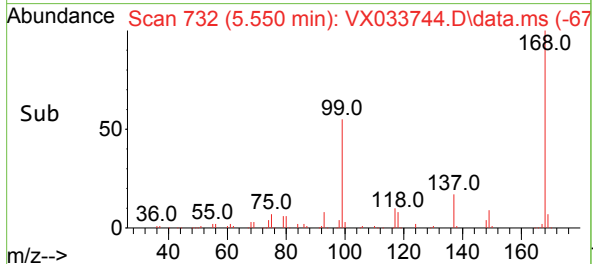
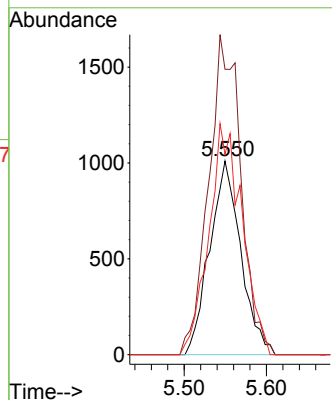


#31
Cyclohexane
Concen: 1.268 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX033744.D
Acq: 16 Jan 2023 12:25

Instrument :
MSVOA_X
ClientSampleId :
VX0116MBL02

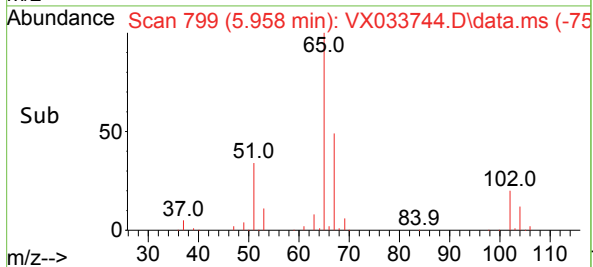
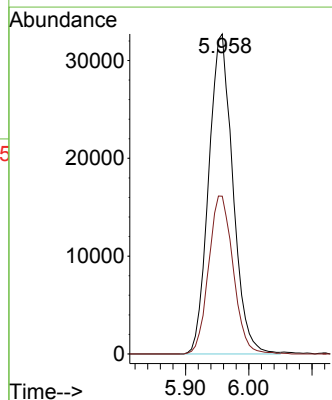
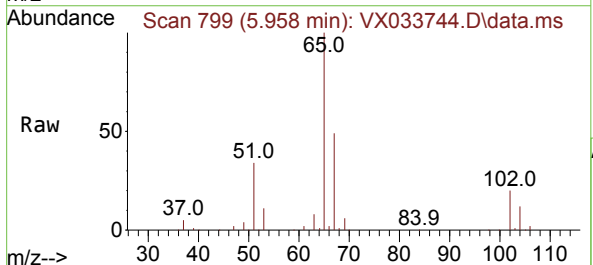


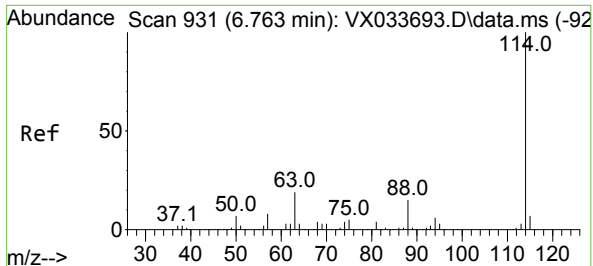
Tgt Ion: 56 Resp: 2661
Ion Ratio Lower Upper
56 100
69 147.4 24.6 37.0#
84 103.6 71.0 106.6



#33
1,2-Dichloroethane-d4
Concen: 60.779 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX033744.D
Acq: 16 Jan 2023 12:25

Tgt Ion: 65 Resp: 86711
Ion Ratio Lower Upper
65 100
67 50.2 0.0 104.8

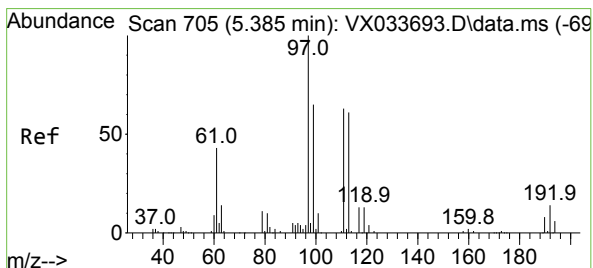
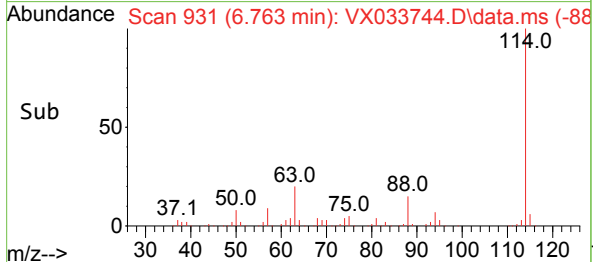
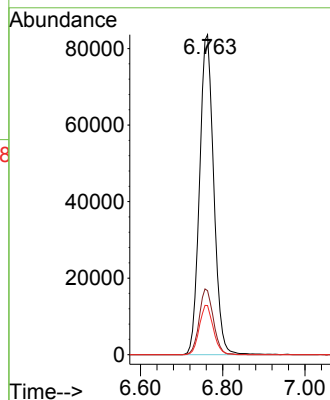
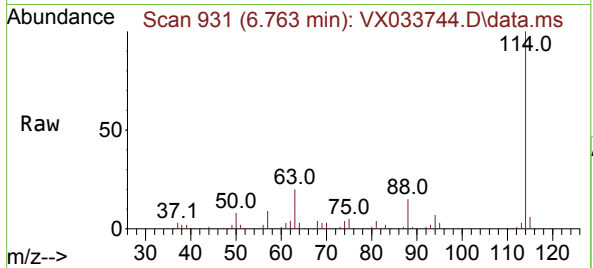




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX033744.D
Acq: 16 Jan 2023 12:25

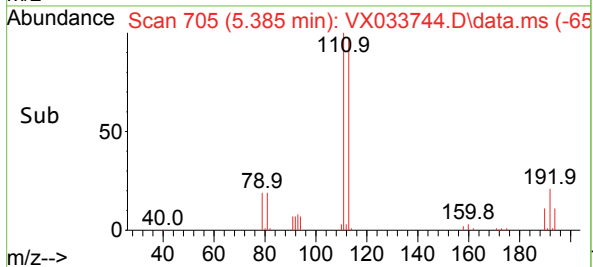
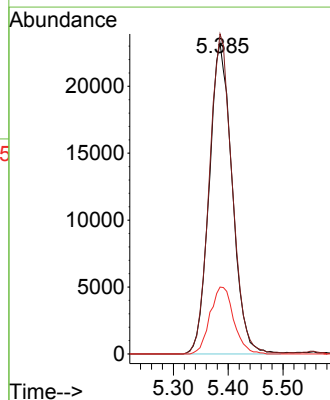
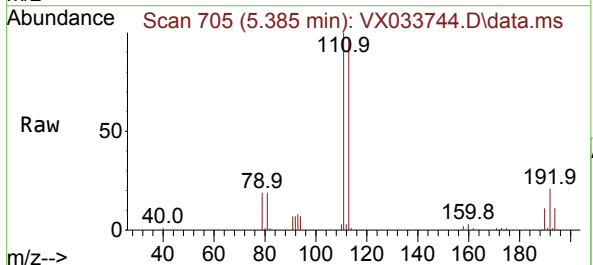
Instrument :
MSVOA_X
ClientSampleId :
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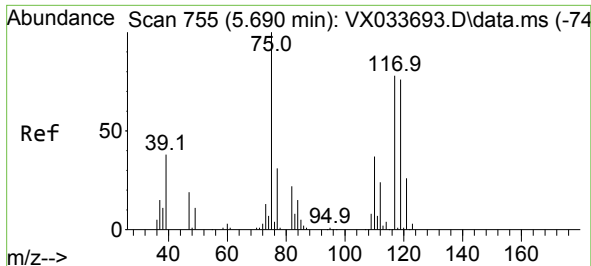
Tgt Ion:114 Resp: 199988
Ion Ratio Lower Upper
114 100
63 20.0 0.0 37.4
88 15.3 0.0 30.6



#35
Dibromofluoromethane
Concen: 54.338 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX033744.D
Acq: 16 Jan 2023 12:25

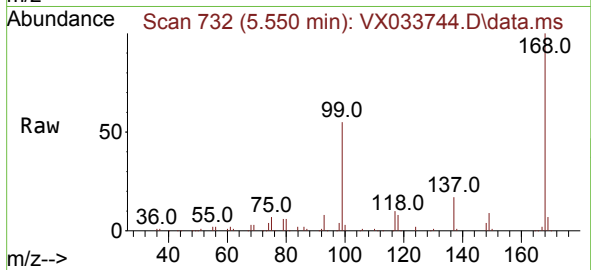
Tgt Ion:113 Resp: 67478
Ion Ratio Lower Upper
113 100
111 102.2 83.0 124.6
192 22.2 19.0 28.4



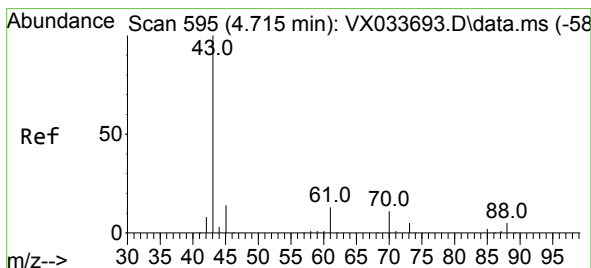
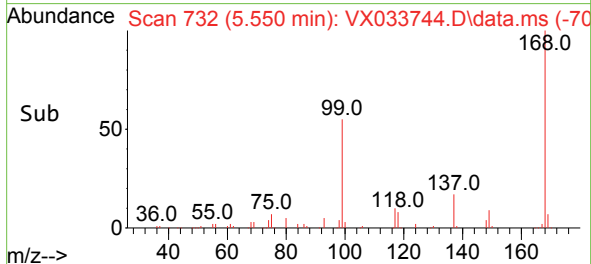
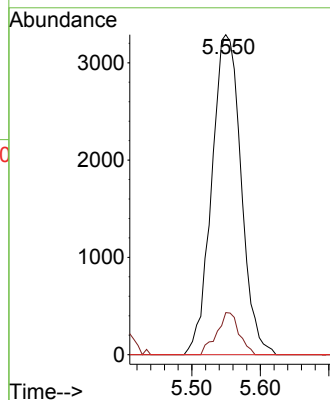


#36
1,1-Dichloropropene
Concen: 5.398 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX033744.D
Acq: 16 Jan 2023 12:25

Instrument :
MSVOA_X
ClientSampleId :
VX0116MBL02

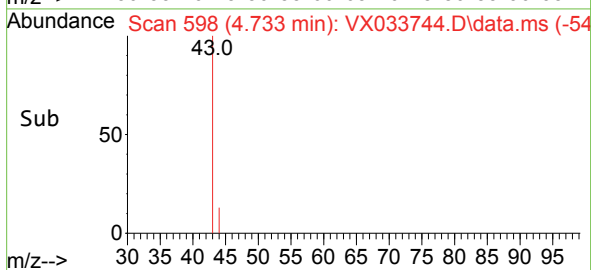
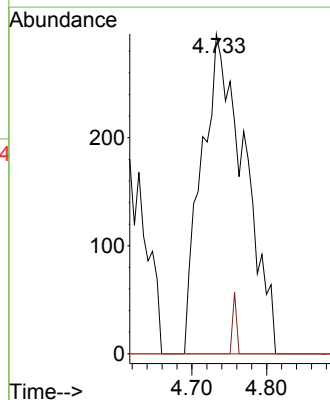
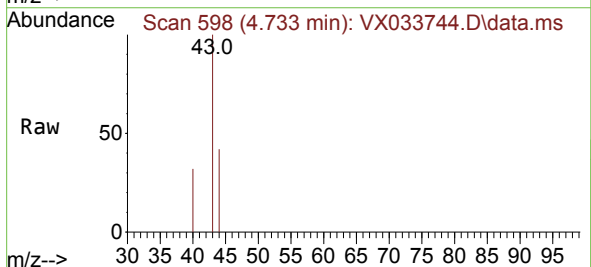


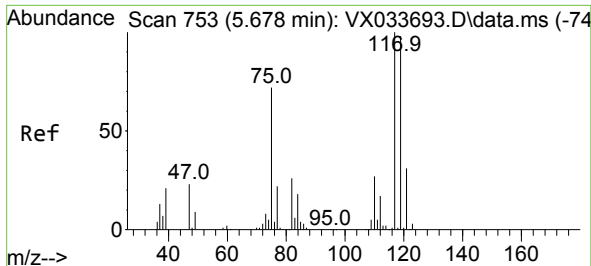
Tgt Ion: 75 Resp: 9783
Ion Ratio Lower Upper
75 100
110 10.0 18.8 56.4#
77 0.0 25.1 37.7#



#37
Ethyl Acetate
Concen: Below Cal
RT: 4.733 min Scan# 598
Delta R.T. 0.018 min
Lab File: VX033744.D
Acq: 16 Jan 2023 12:25

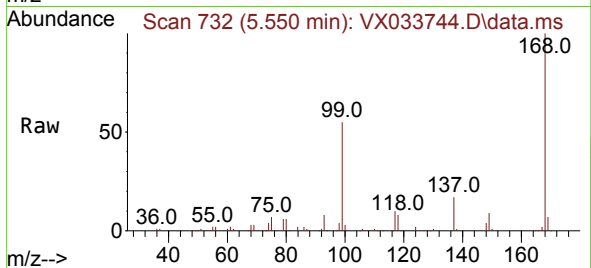
Tgt Ion: 43 Resp: 1180
Ion Ratio Lower Upper
43 100
61 0.0 11.1 16.7#
70 0.0 8.5 12.7#



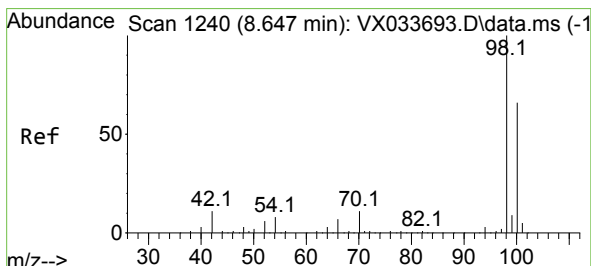
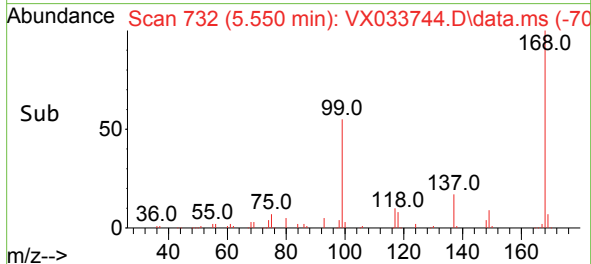
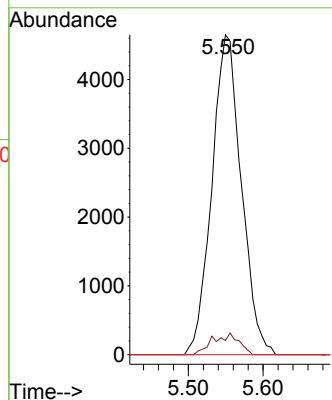


#38
Carbon Tetrachloride
Concen: 6.782 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX033744.D
Acq: 16 Jan 2023 12:25

Instrument :
MSVOA_X
ClientSampleId :
VX0116MBL02

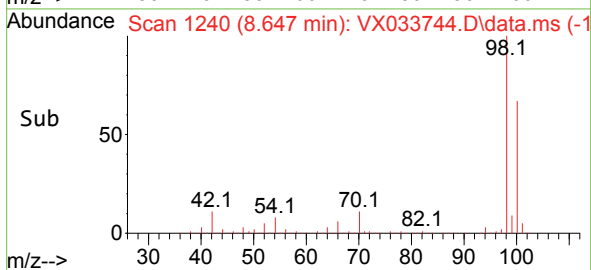
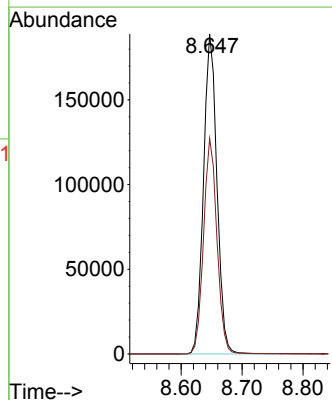
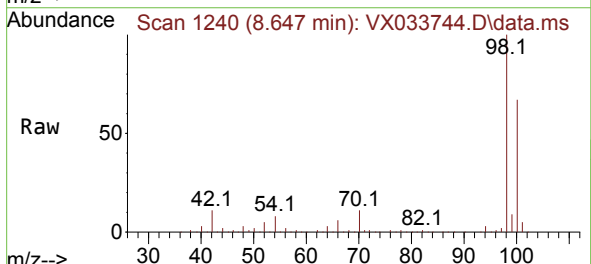


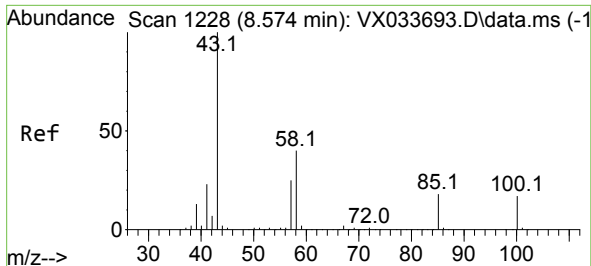
Tgt Ion:117 Resp: 12731
Ion Ratio Lower Upper
117 100
119 4.4 78.0 117.0#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 64.092 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX033744.D
Acq: 16 Jan 2023 12:25

Tgt Ion: 98 Resp: 289992
Ion Ratio Lower Upper
98 100
100 67.2 53.6 80.4

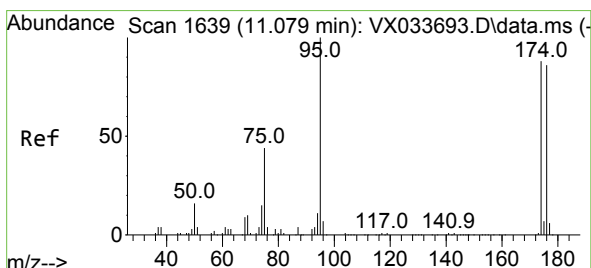
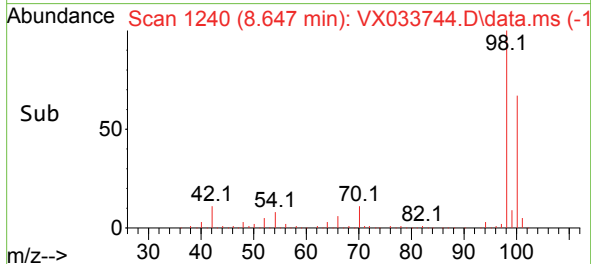
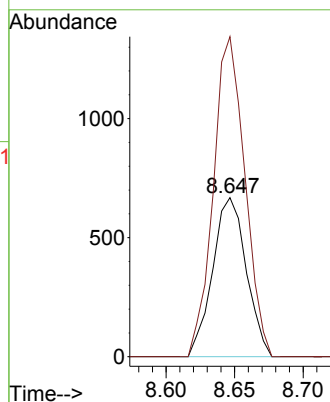
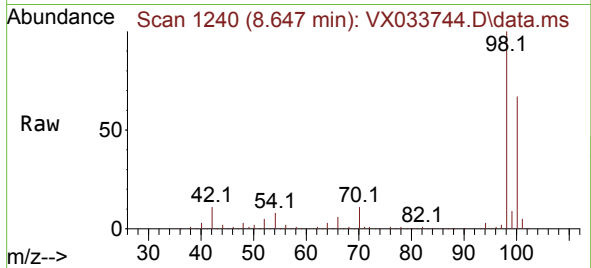




#51
4-Methyl-2-Pentanone
Concen: 0.649 ug/l
RT: 8.647 min Scan# 1141
Delta R.T. 0.073 min
Lab File: VX033744.D
Acq: 16 Jan 2023 12:25

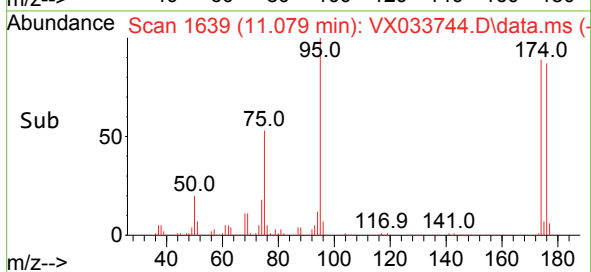
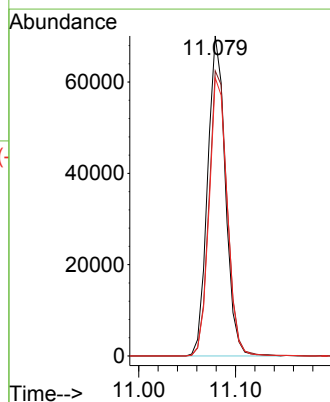
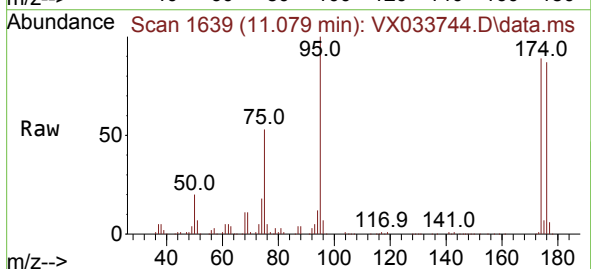
Instrument :
MSVOA_X
ClientSampleId :
VX0116MBL02

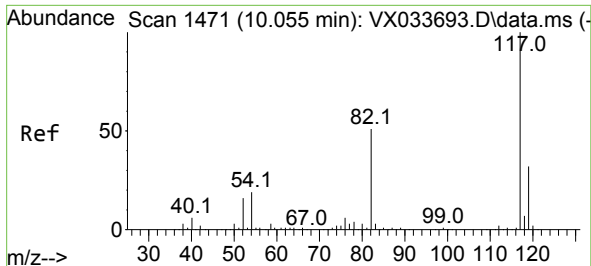
Tgt Ion: 43 Resp: 1141
Ion Ratio Lower Upper
43 100
58 188.5 31.2 46.8#



#62
4-Bromofluorobenzene
Concen: 53.505 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX033744.D
Acq: 16 Jan 2023 12:25

Tgt Ion: 95 Resp: 89883
Ion Ratio Lower Upper
95 100
174 91.2 0.0 184.4
176 88.4 0.0 178.8

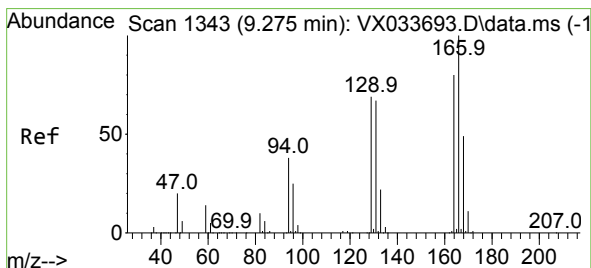
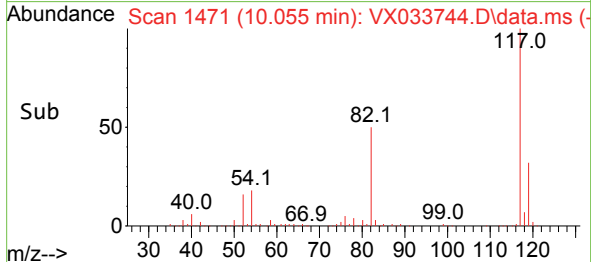
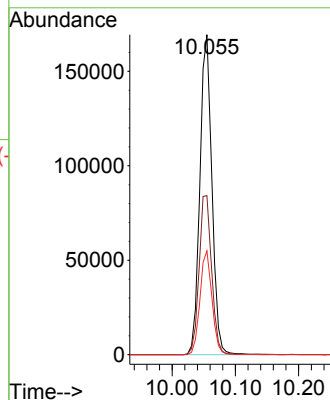
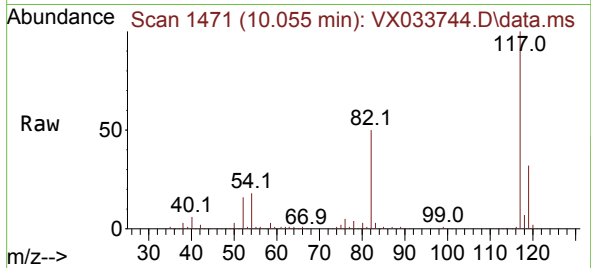




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX033744.D
Acq: 16 Jan 2023 12:25

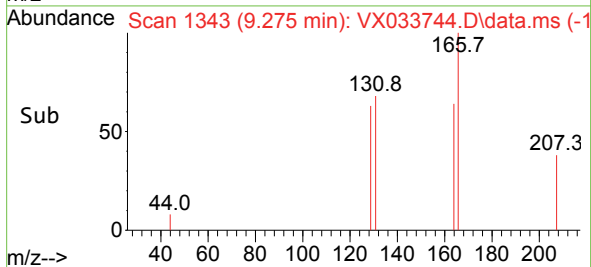
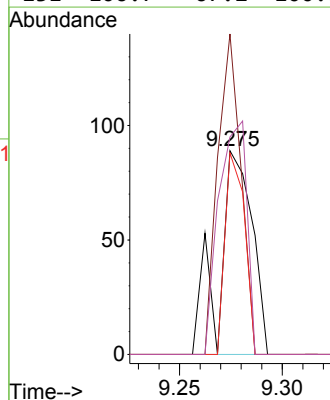
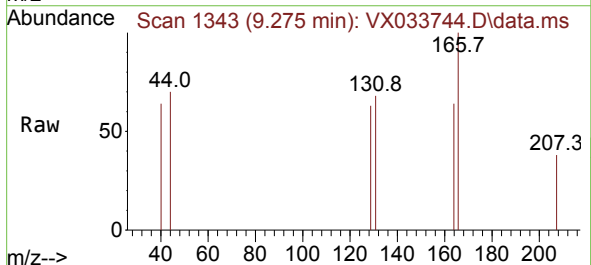
Instrument :
MSVOA_X
ClientSampleId :
VX0116MBL02

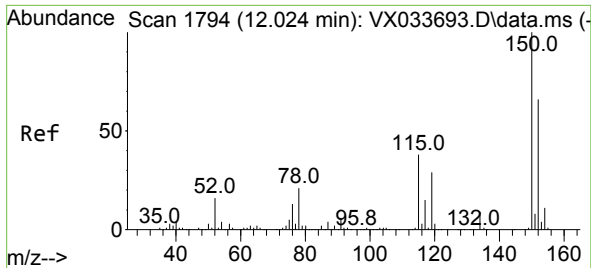
Tgt Ion:117 Resp: 224270
Ion Ratio Lower Upper
117 100
82 49.7 40.6 60.8
119 32.5 25.6 38.4



#64
Tetrachloroethene
Concen: Below Cal
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX033744.D
Acq: 16 Jan 2023 12:25

Tgt Ion:164 Resp: 100
Ion Ratio Lower Upper
164 100
166 157.3 100.2 150.2#
129 98.9 69.2 103.8
131 106.7 67.2 100.8#

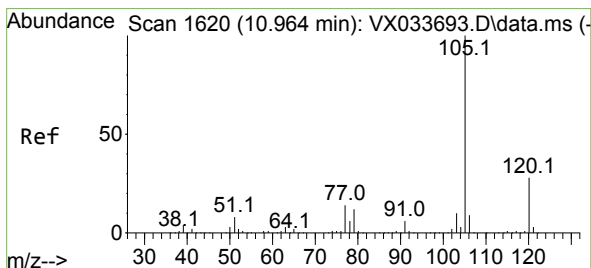
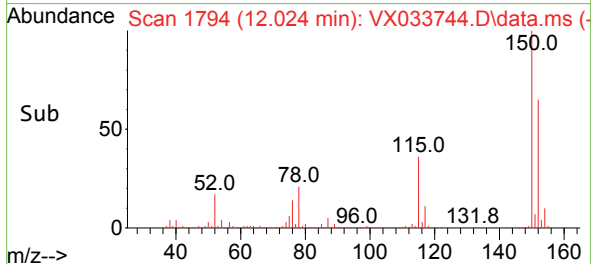
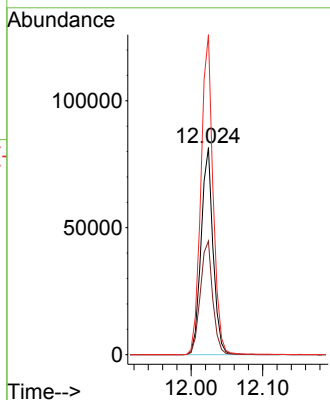
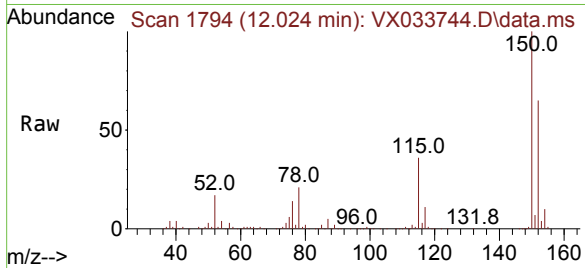




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033744.D
Acq: 16 Jan 2023 12:25

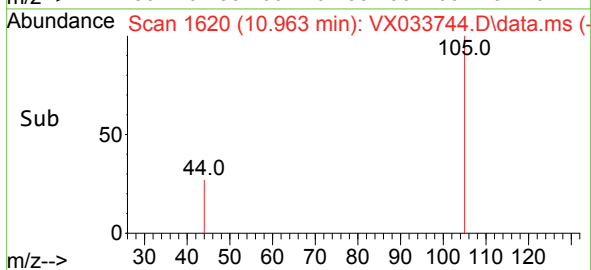
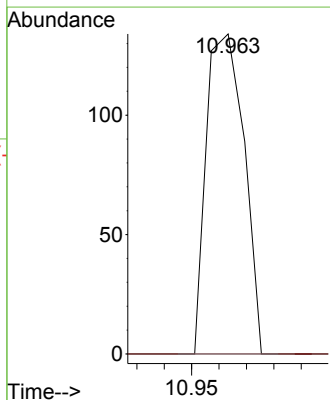
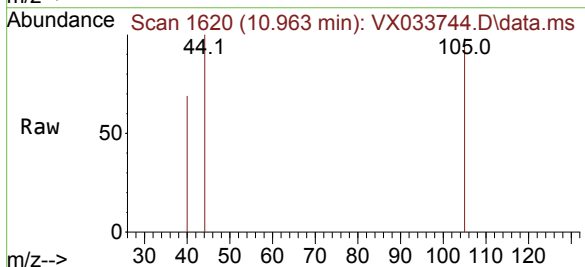
Instrument :
MSVOA_X
ClientSampleId :
VX0116MBL02

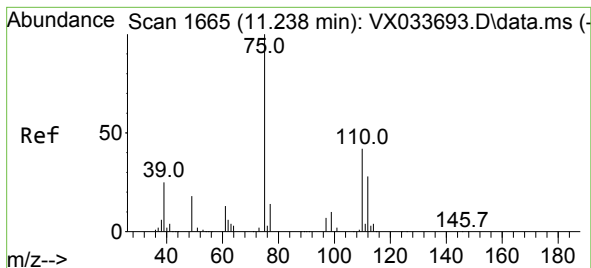
Tgt Ion:152 Resp: 95235
Ion Ratio Lower Upper
152 100
115 56.6 38.7 116.1
150 155.8 0.0 348.2



#73
Isopropylbenzene
Concen: Below Cal
RT: 10.963 min Scan# 1620
Delta R.T. -0.001 min
Lab File: VX033744.D
Acq: 16 Jan 2023 12:25

Tgt Ion:105 Resp: 128
Ion Ratio Lower Upper
105 100
120 0.0 13.6 40.8#





#76

1,2,3-Trichloropropane

Concen: 26.839 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.159 min

Lab File: VX033744.D

Acq: 16 Jan 2023 12:25

Instrument :

MSVOA_X

ClientSampleId :

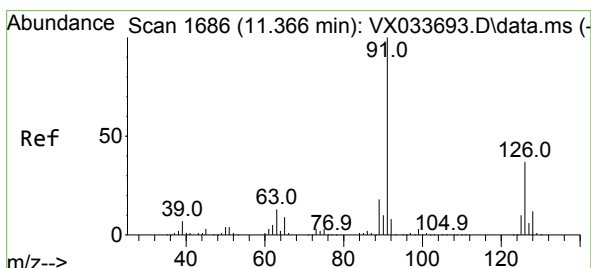
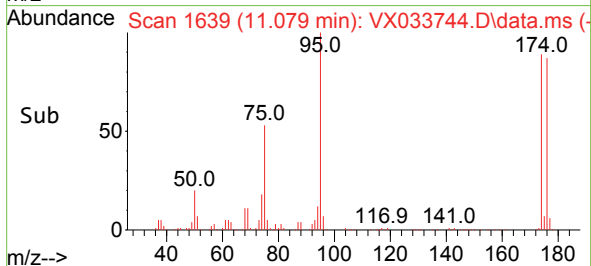
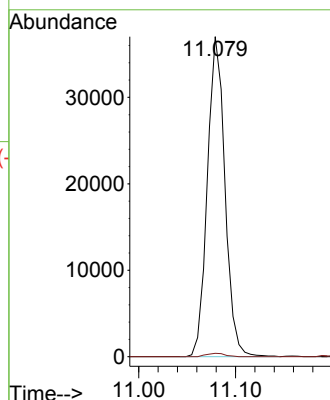
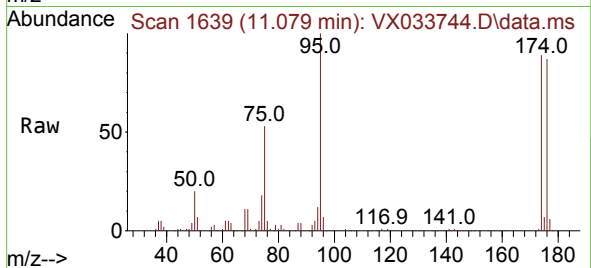
VX0116MBL02

Tgt Ion: 75 Resp: 46963

Ion Ratio Lower Upper

75 100

77 1.1 21.8 65.4#



#79

2-Chlorotoluene

Concen: Below Cal

RT: 11.366 min Scan# 1686

Delta R.T. -0.000 min

Lab File: VX033744.D

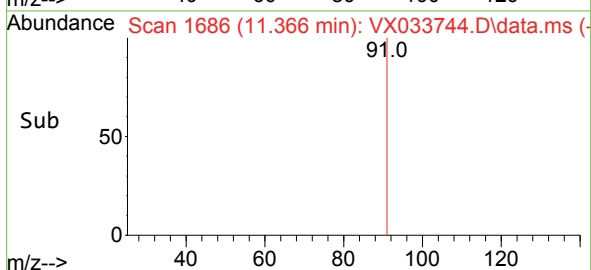
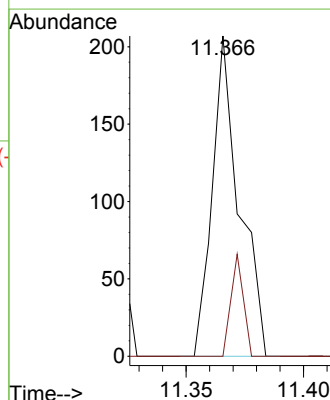
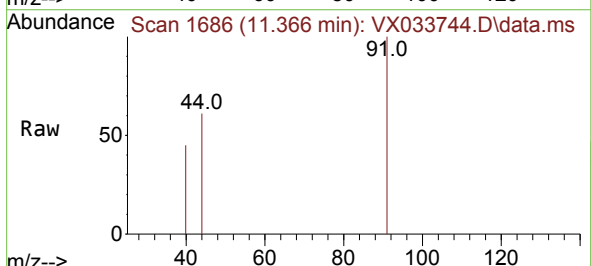
Acq: 16 Jan 2023 12:25

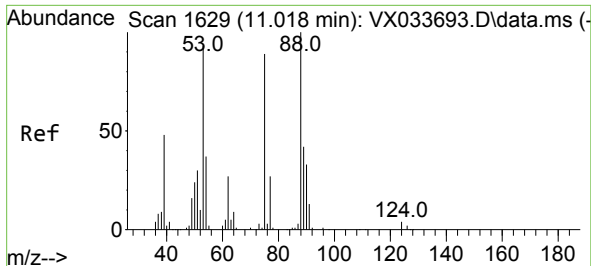
Tgt Ion: 91 Resp: 165

Ion Ratio Lower Upper

91 100

126 14.5 18.1 54.1#

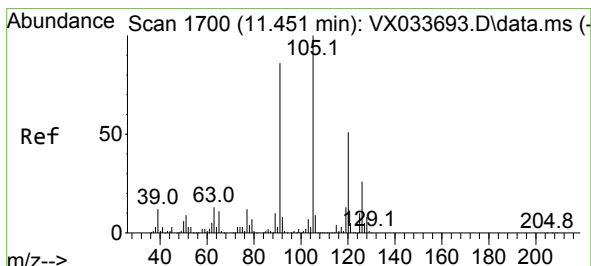
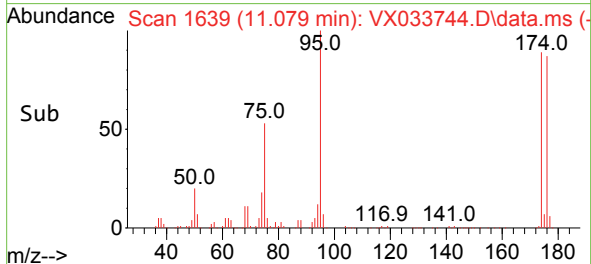
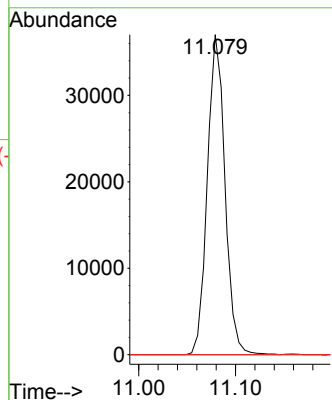
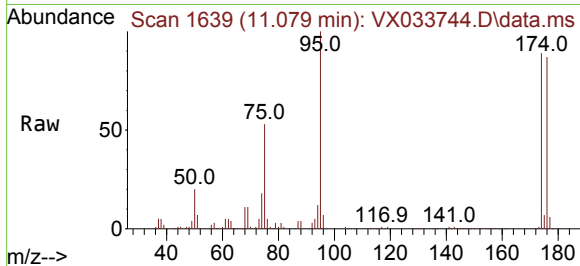




#81
trans-1,4-Dichloro-2-butene
Concen: 83.413 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX033744.D
Acq: 16 Jan 2023 12:25

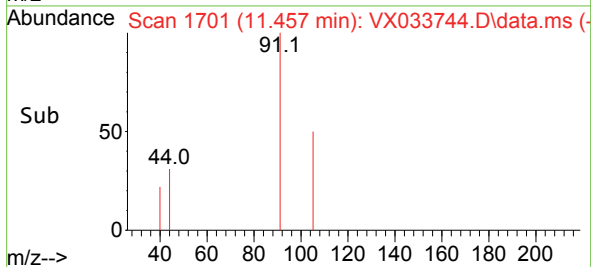
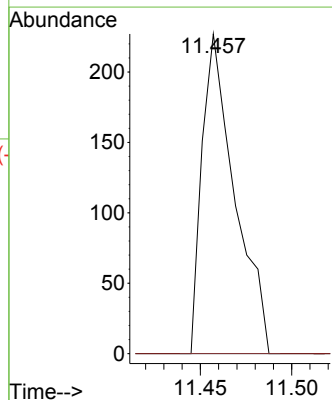
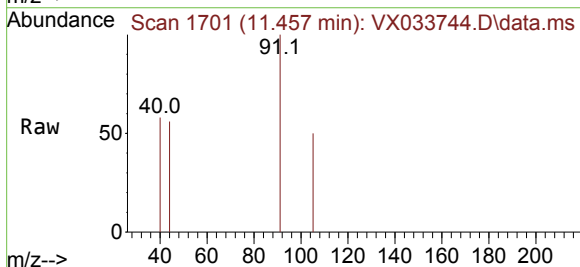
Instrument :
MSVOA_X
ClientSampleId :
VX0116MBL02

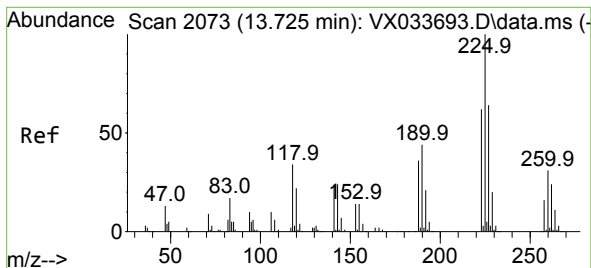
Tgt Ion: 75 Resp: 46963
Ion Ratio Lower Upper
75 100
53 0.0 83.0 124.6#
89 0.0 37.7 56.5#



#82
4-Chlorotoluene
Concen: Below Cal
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX033744.D
Acq: 16 Jan 2023 12:25

Tgt Ion: 91 Resp: 284
Ion Ratio Lower Upper
91 100
126 0.0 15.8 47.4#





#94

Hexachlorobutadiene

Concen: 0.217 ug/l

RT: 13.725 min Scan# 20

Delta R.T. -0.000 min

Lab File: VX033744.D

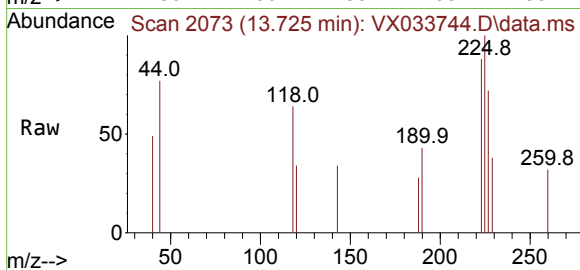
Acq: 16 Jan 2023 12:25

Instrument :

MSVOA_X

ClientSampleId :

VX0116MBL02



Tgt Ion:	225	Resp:	222
Ion	Ratio	Lower	Upper
225	100		
223	46.8	31.3	93.9
227	63.5	32.3	96.9

