

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020123\
 Data File : VX033984.D
 Acq On : 01 Feb 2023 13:11
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Feb 02 01:37:50 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)

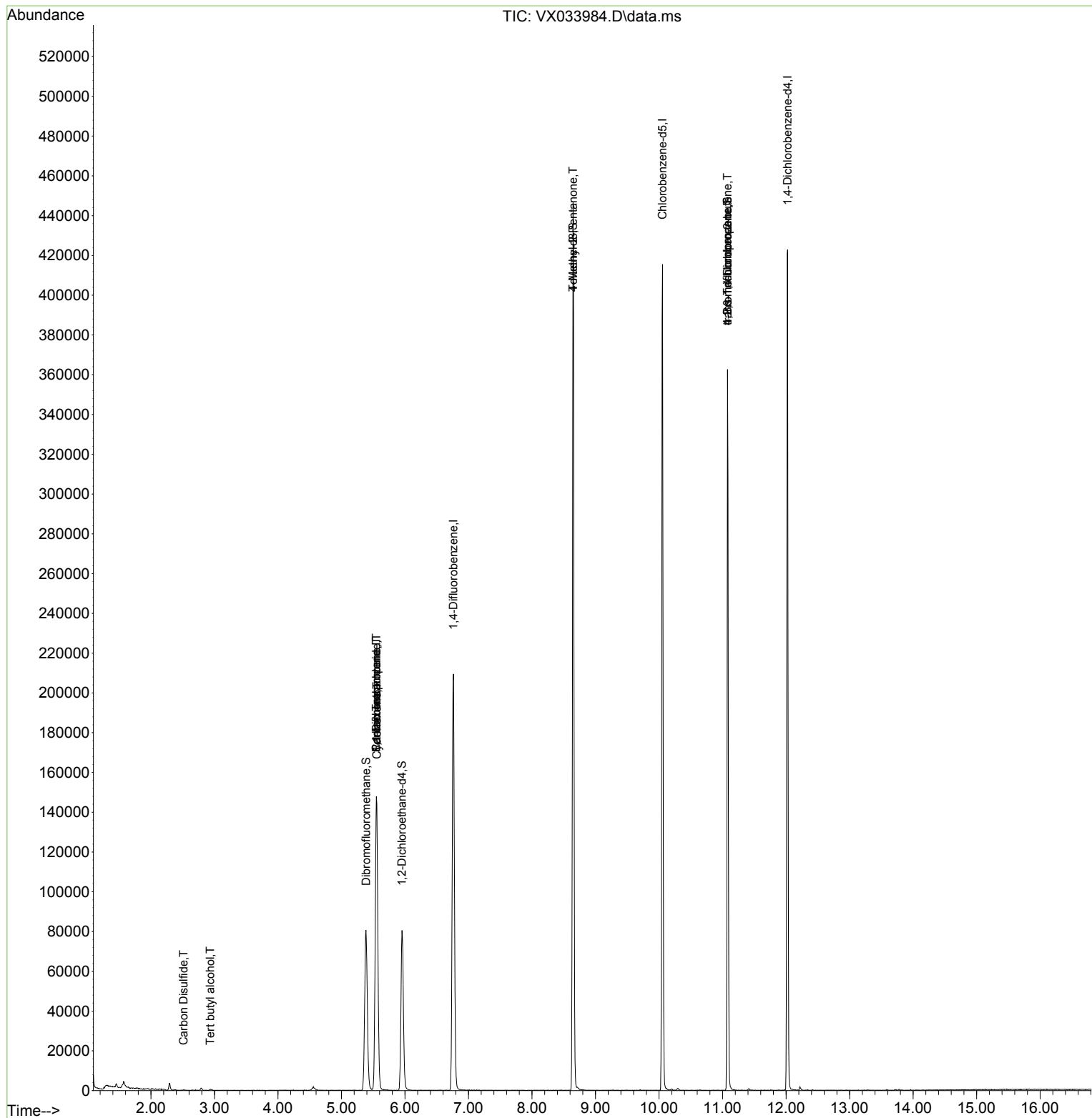
Internal Standards						
1) Pentafluorobenzene	5.550	168	163022	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	231617	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	207329	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	102614	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	76182	44.383	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	88.760%
35) Dibromofluoromethane	5.385	113	71598	49.783	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.560%
50) Toluene-d8	8.647	98	265038	50.578	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.160%
62) 4-Bromofluorobenzene	11.079	95	91571	47.066	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.140%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.934	59	373	1.251	ug/l #	86
16) Acetone	2.380	43	390	Below Cal		98
17) Carbon Disulfide	2.514	76	298	1.908	ug/l #	76
20) Methylene Chloride	2.788	84	479	Below Cal		92
31) Cyclohexane	5.556	56	2348	0.930	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	9213	4.389	ug/l #	49
38) Carbon Tetrachloride	5.550	117	13574	6.244	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	1000	0.491	ug/l #	1
73) Isopropylbenzene	11.073	105	103	Below Cal	#	48
75) 1,1,2,2-Tetrachloroethane	11.079	83	20	Below Cal	#	1
76) 1,2,3-Trichloropropane	11.079	75	41877	22.211	ug/l #	34
79) 2-Chlorotoluene	11.299	91	76	Below Cal	#	39
81) trans-1,4-Dichloro-2-b...	11.079	75	41877	69.031	ug/l #	8
82) 4-Chlorotoluene	11.457	91	91	Below Cal	#	43

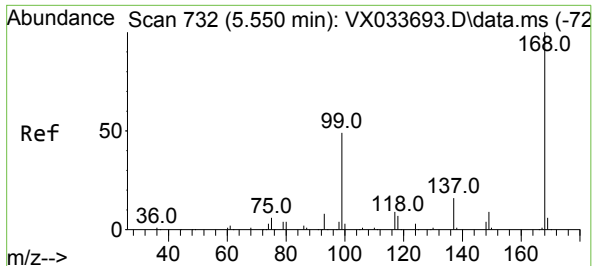
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
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IBLK

Quant Time: Feb 02 01:37:50 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

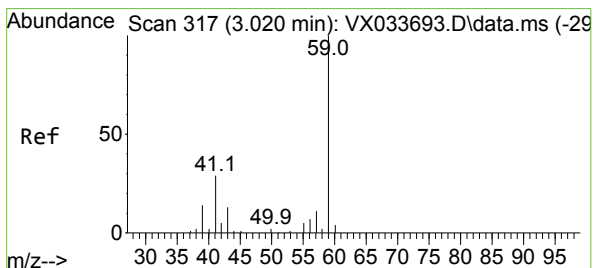
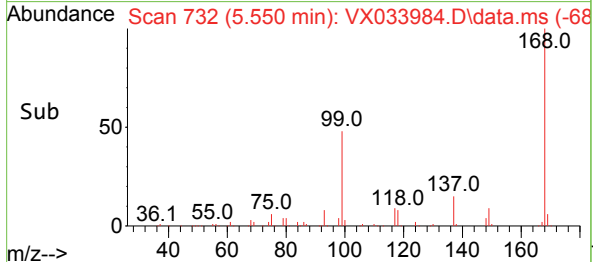
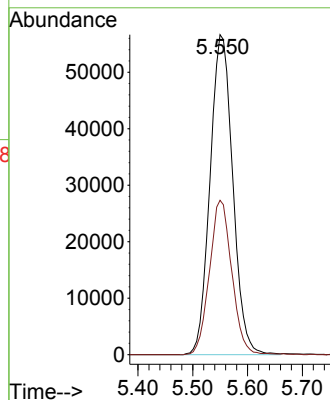
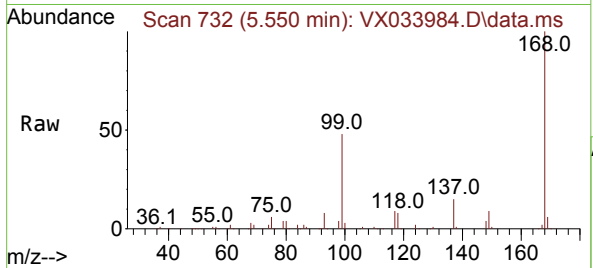




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033984.D
Acq: 01 Feb 2023 13:11

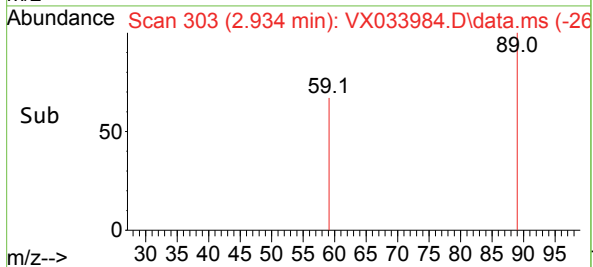
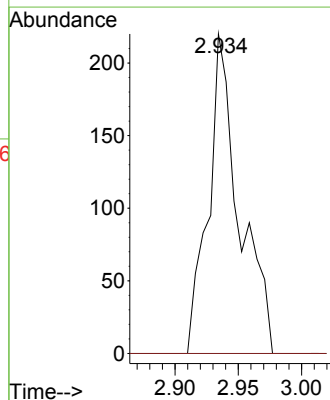
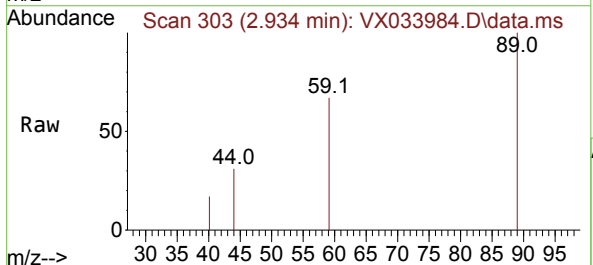
Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:168 Resp: 163022
Ion Ratio Lower Upper
168 100
99 48.3 39.6 59.4



#11
Tert butyl alcohol
Concen: 1.251 ug/l
RT: 2.934 min Scan# 303
Delta R.T. -0.086 min
Lab File: VX033984.D
Acq: 01 Feb 2023 13:11

Tgt Ion: 59 Resp: 373
Ion Ratio Lower Upper
59 100
57 0.0 3.7 5.5#

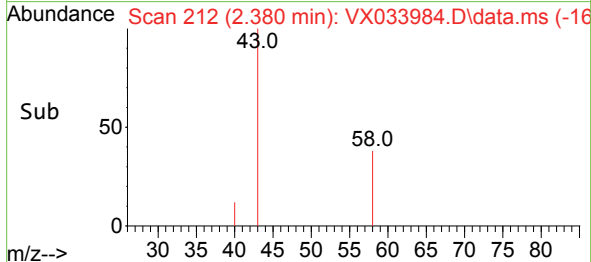
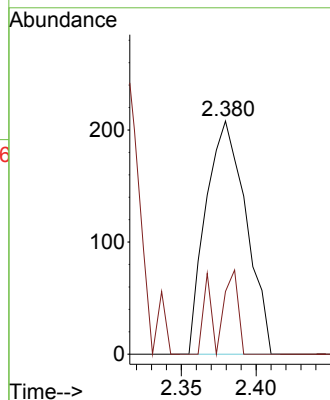
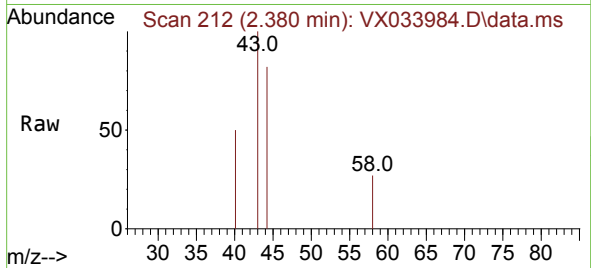




#16
Acetone
Concen: Below Cal
RT: 2.380 min Scan# 215
Delta R.T. -0.018 min
Lab File: VX033984.D
Acq: 01 Feb 2023 13:11

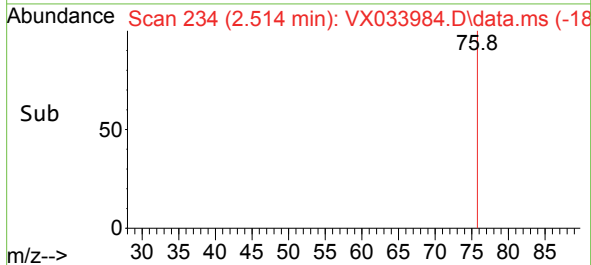
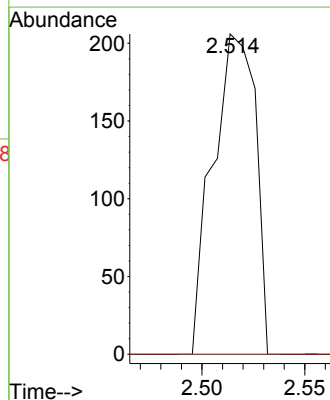
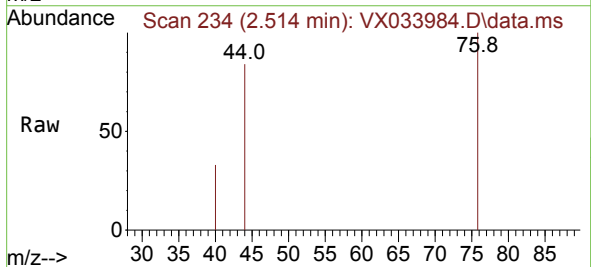
Instrument :
MSVOA_X
ClientSampleId :
IBLK

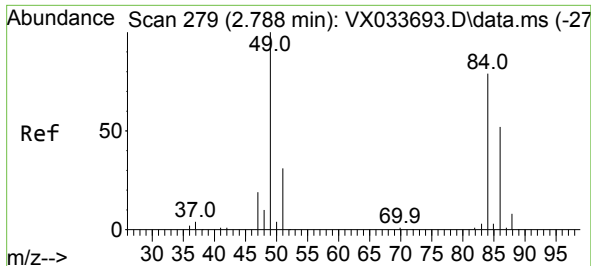
Tgt Ion: 43 Resp: 390
Ion Ratio Lower Upper
43 100
58 26.9 22.6 33.8



#17
Carbon Disulfide
Concen: 1.908 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX033984.D
Acq: 01 Feb 2023 13:11

Tgt Ion: 76 Resp: 298
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#

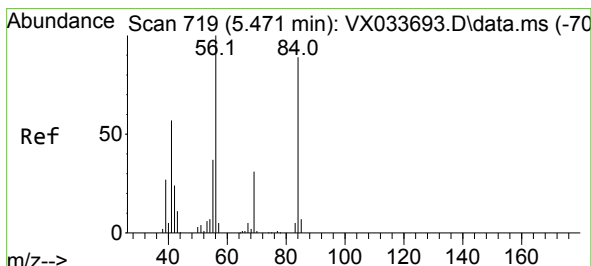
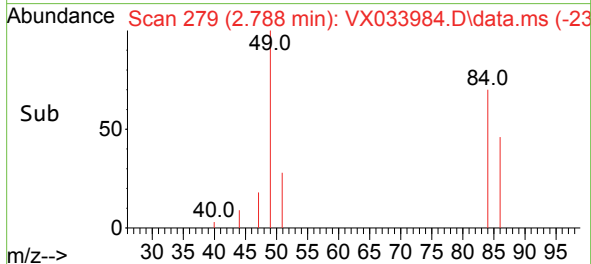
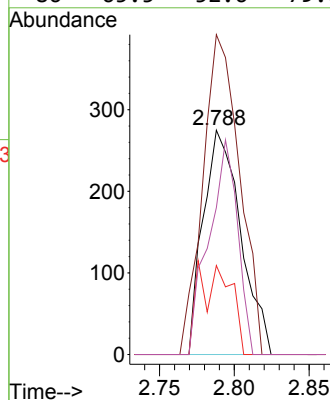
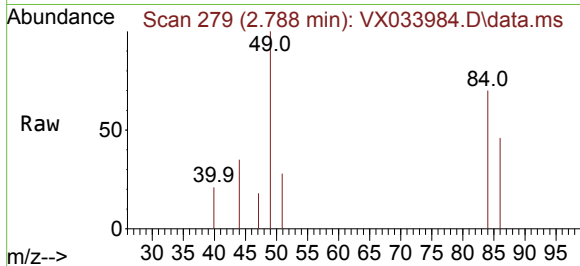




#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX033984.D
Acq: 01 Feb 2023 13:11

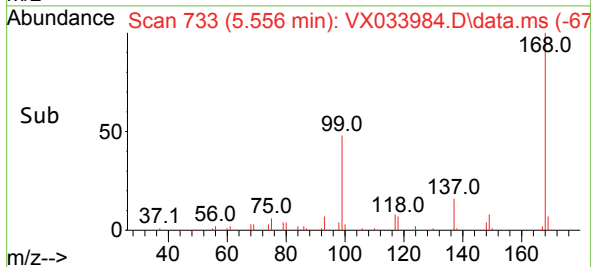
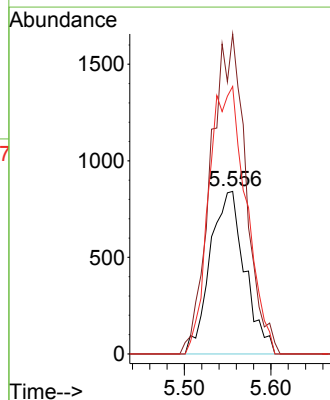
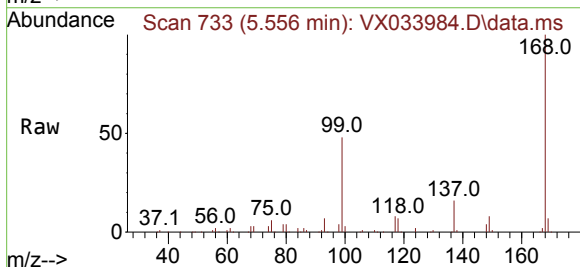
Instrument :
MSVOA_X
ClientSampleId :
IBLK

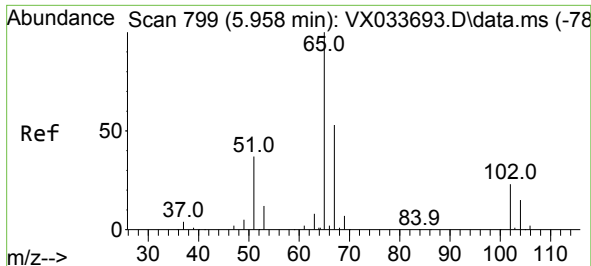
Tgt Ion:	84	Resp:	479
Ion	Ratio	Lower	Upper
84	100		
49	142.5	101.1	151.7
51	39.6	31.0	46.6
86	65.5	52.6	79.0



#31
Cyclohexane
Concen: 0.930 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.085 min
Lab File: VX033984.D
Acq: 01 Feb 2023 13:11

Tgt Ion:	56	Resp:	2348
Ion	Ratio	Lower	Upper
56	100		
69	196.8	24.6	37.0#
84	164.5	71.0	106.6#





#33

1,2-Dichloroethane-d4

Concen: 44.383 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX033984.D

Acq: 01 Feb 2023 13:11

Instrument :

MSVOA_X

ClientSampleId :

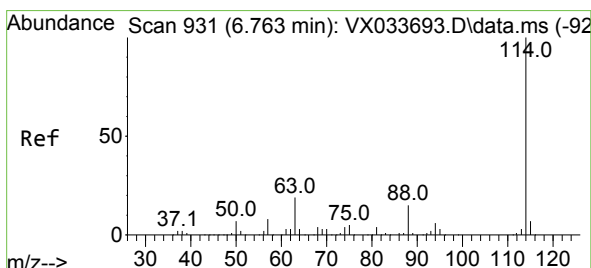
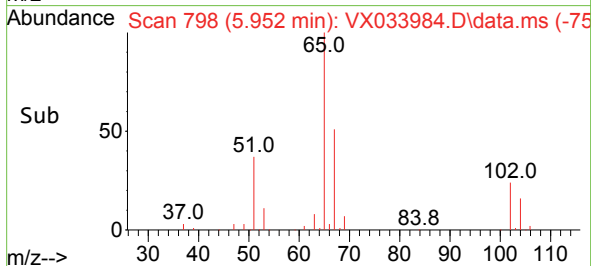
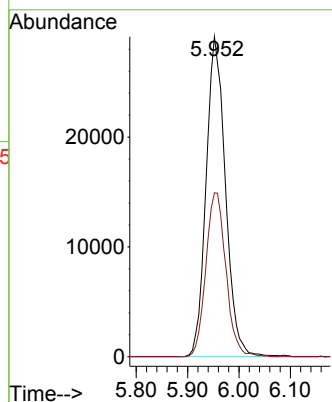
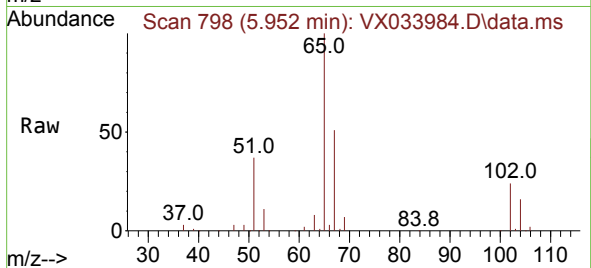
IBLK

Tgt Ion: 65 Resp: 76182

Ion Ratio Lower Upper

65 100

67 53.0 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX033984.D

Acq: 01 Feb 2023 13:11

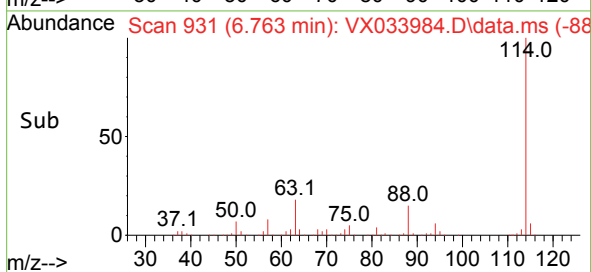
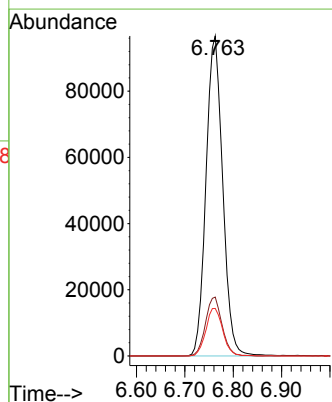
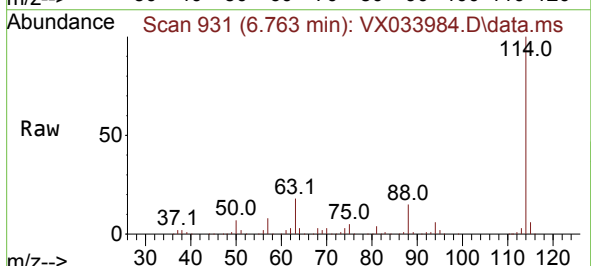
Tgt Ion:114 Resp: 231617

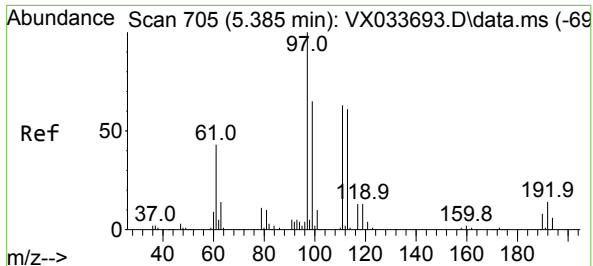
Ion Ratio Lower Upper

114 100

63 18.4 0.0 37.4

88 14.8 0.0 30.6





#35

Dibromofluoromethane

Concen: 49.783 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX033984.D

Acq: 01 Feb 2023 13:11

Instrument :

MSVOA_X

ClientSampleId :

IBLK

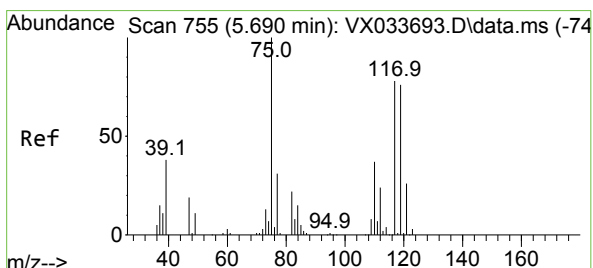
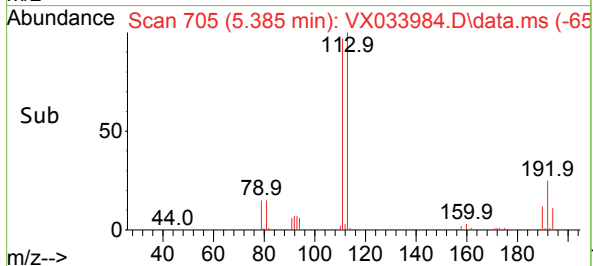
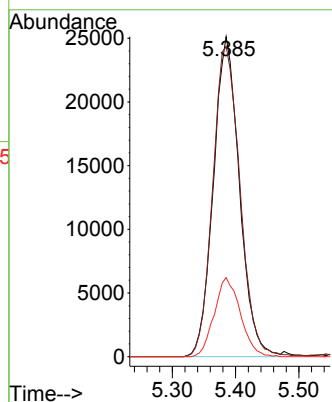
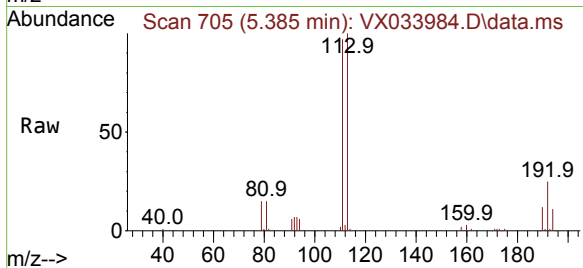
Tgt Ion:113 Resp: 71598

Ion Ratio Lower Upper

113 100

111 101.7 83.0 124.6

192 24.8 19.0 28.4



#36

1,1-Dichloropropene

Concen: 4.389 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.140 min

Lab File: VX033984.D

Acq: 01 Feb 2023 13:11

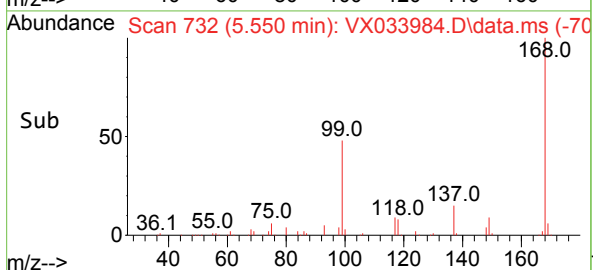
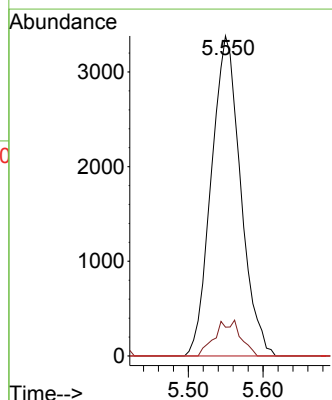
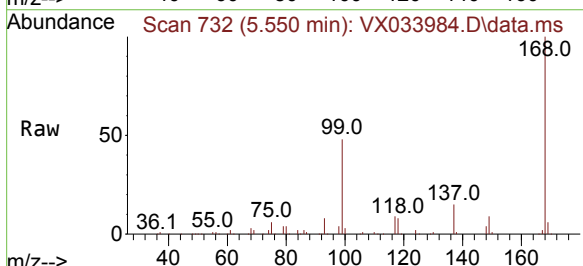
Tgt Ion: 75 Resp: 9213

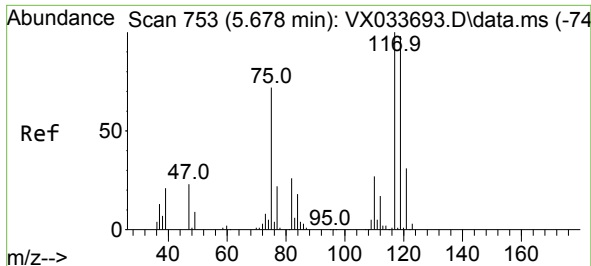
Ion Ratio Lower Upper

75 100

110 9.8 18.8 56.4#

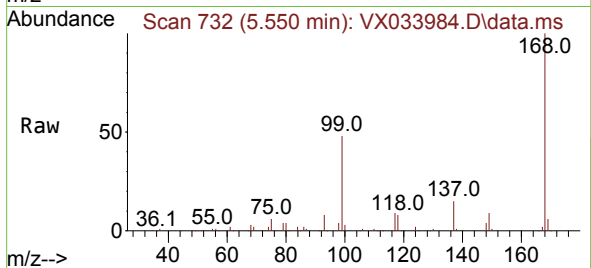
77 0.0 25.1 37.7#



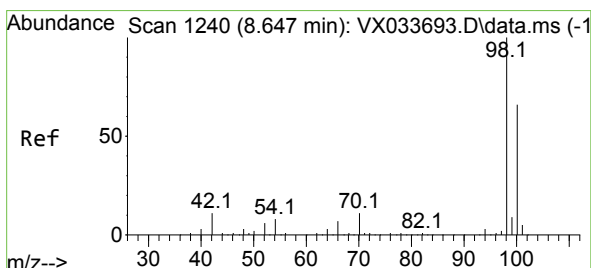
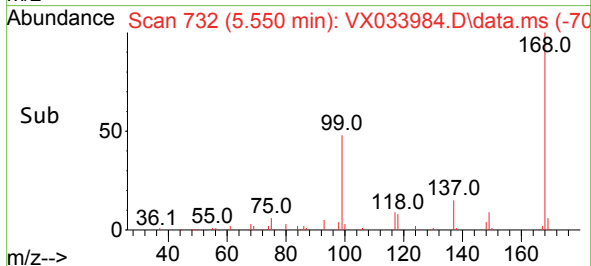
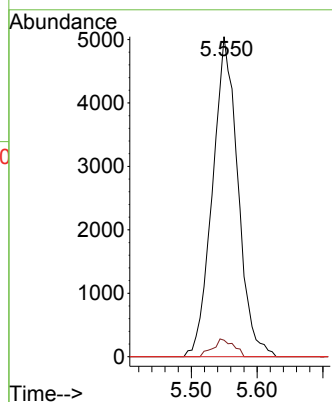


#38
Carbon Tetrachloride
Concen: 6.244 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX033984.D
Acq: 01 Feb 2023 13:11

Instrument :
MSVOA_X
ClientSampleId :
IBLK

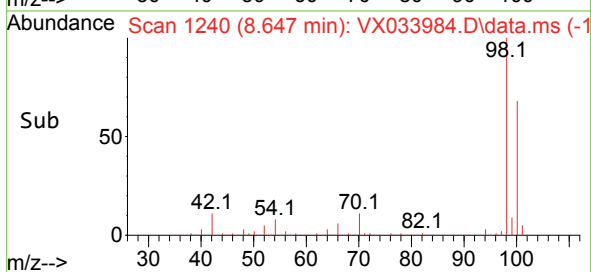
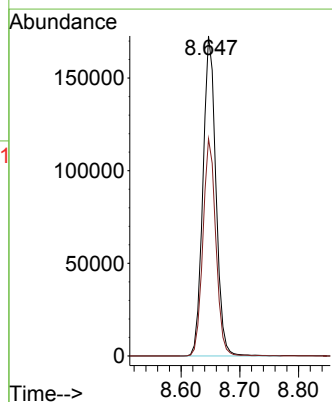
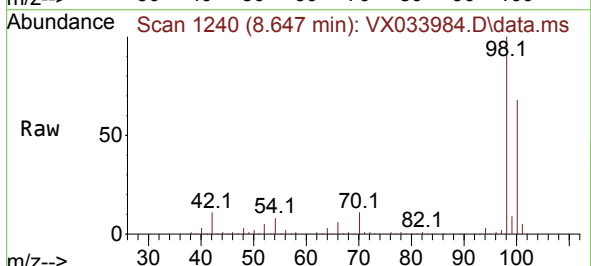


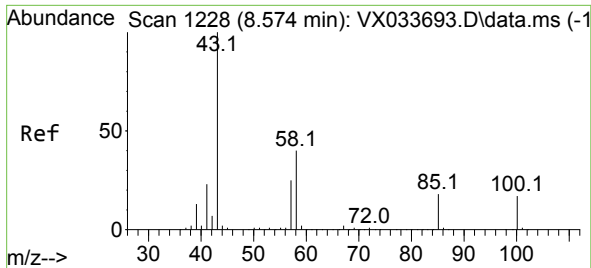
Tgt Ion:117 Resp: 13574
Ion Ratio Lower Upper
117 100
119 5.1 78.0 117.0#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 50.578 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX033984.D
Acq: 01 Feb 2023 13:11

Tgt Ion: 98 Resp: 265038
Ion Ratio Lower Upper
98 100
100 67.5 53.6 80.4

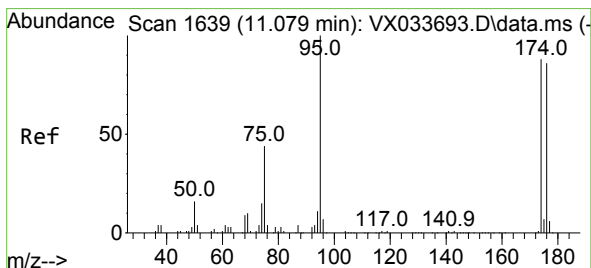
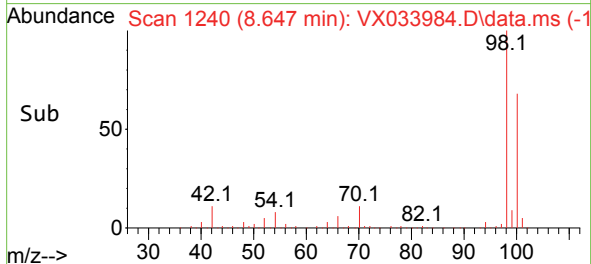
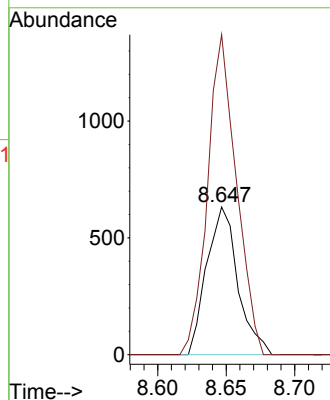
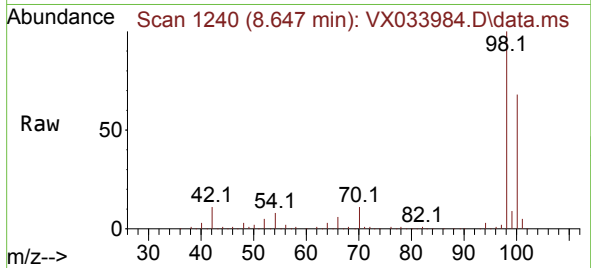




#51
4-Methyl-2-Pentanone
Concen: 0.491 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX033984.D
Acq: 01 Feb 2023 13:11

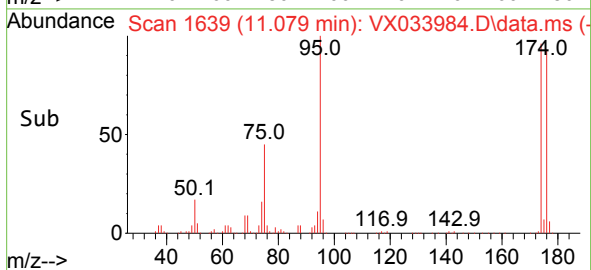
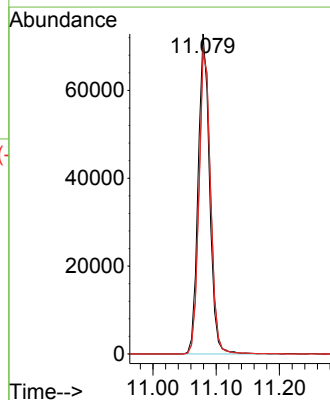
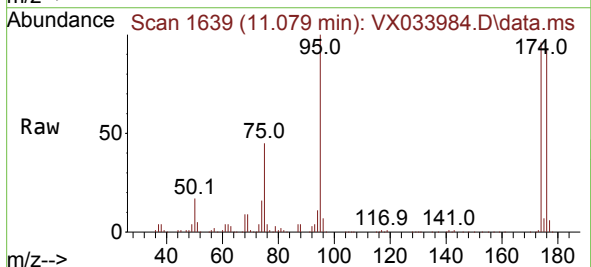
Instrument :
MSVOA_X
ClientSampleId :
IBLK

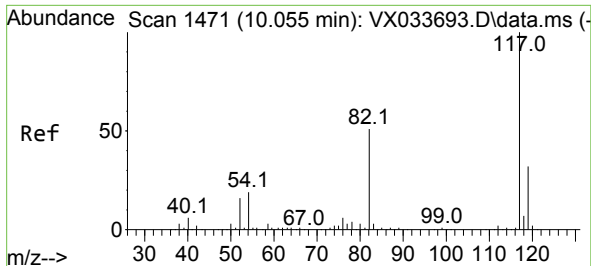
Tgt Ion: 43 Resp: 1000
Ion Ratio Lower Upper
43 100
58 200.5 31.2 46.8#



#62
4-Bromofluorobenzene
Concen: 47.066 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX033984.D
Acq: 01 Feb 2023 13:11

Tgt Ion: 95 Resp: 91571
Ion Ratio Lower Upper
95 100
174 98.1 0.0 184.4
176 95.6 0.0 178.8

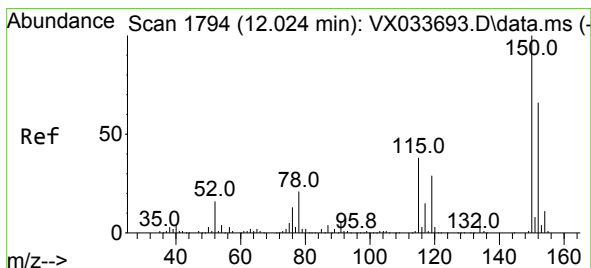
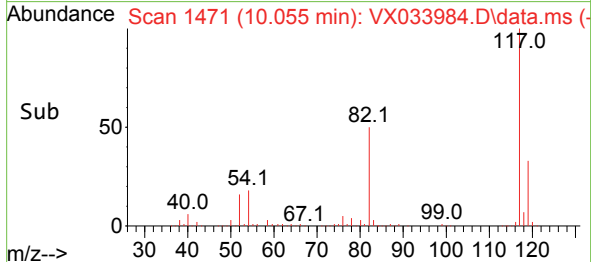
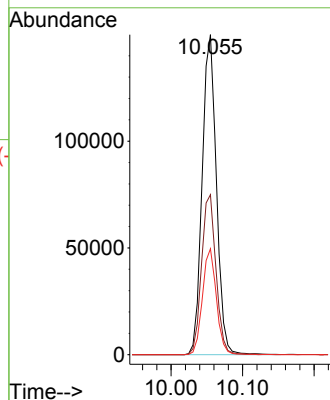
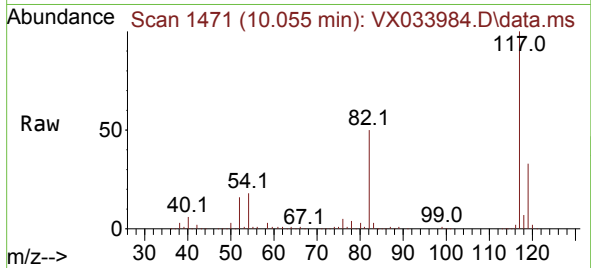




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX033984.D
Acq: 01 Feb 2023 13:11

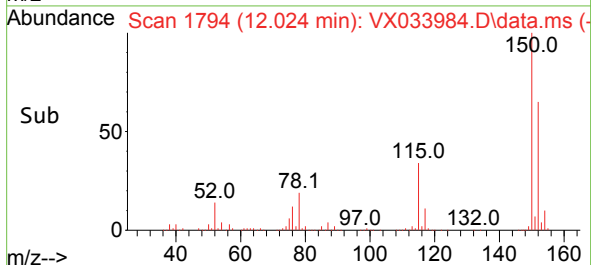
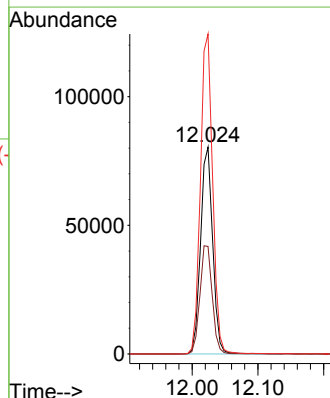
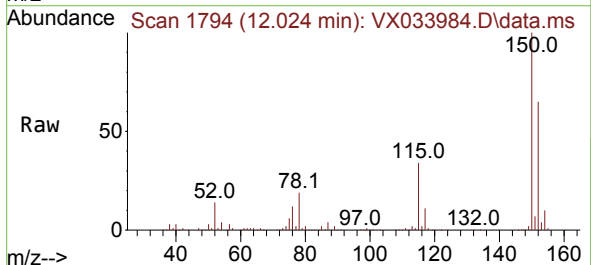
Instrument :
MSVOA_X
ClientSampleId :
IBLK

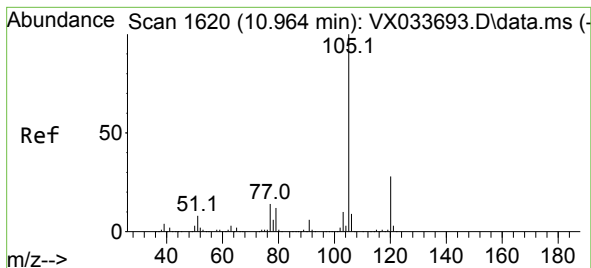
Tgt Ion:117 Resp: 207329
Ion Ratio Lower Upper
117 100
82 50.0 40.6 60.8
119 33.1 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX033984.D
Acq: 01 Feb 2023 13:11

Tgt Ion:152 Resp: 102614
Ion Ratio Lower Upper
152 100
115 53.1 38.7 116.1
150 155.8 0.0 348.2





#73

Isopropylbenzene

Concen: Below Cal

RT: 11.073 min Scan# 1638

Delta R.T. 0.109 min

Lab File: VX033984.D

Acq: 01 Feb 2023 13:11

Instrument :

MSVOA_X

ClientSampleId :

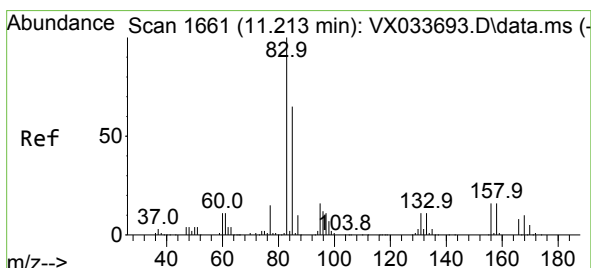
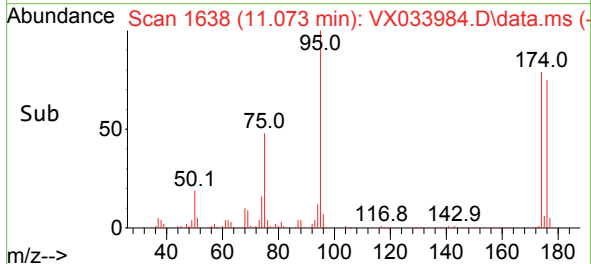
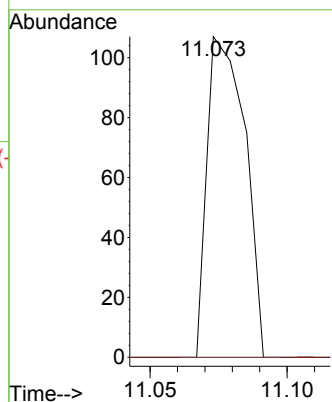
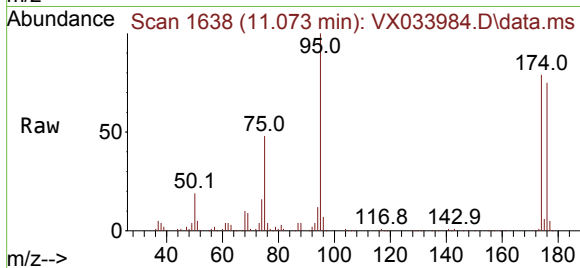
IBLK

Tgt Ion:105 Resp: 103

Ion Ratio Lower Upper

105 100

120 0.0 13.6 40.8#



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 11.079 min Scan# 1639

Delta R.T. -0.134 min

Lab File: VX033984.D

Acq: 01 Feb 2023 13:11

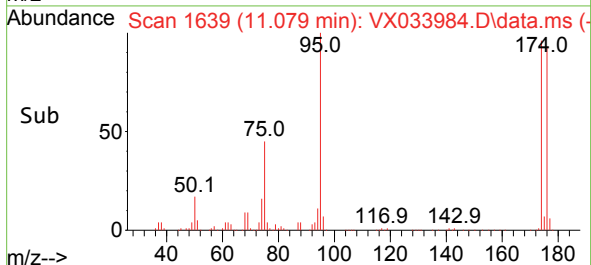
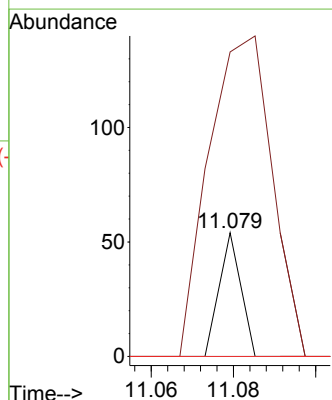
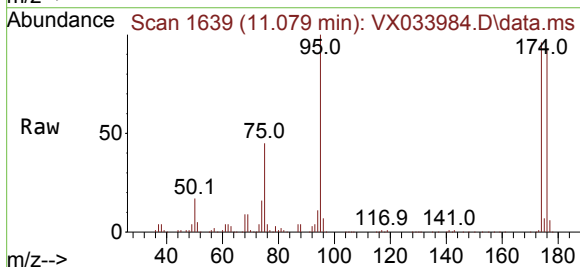
Tgt Ion: 83 Resp: 20

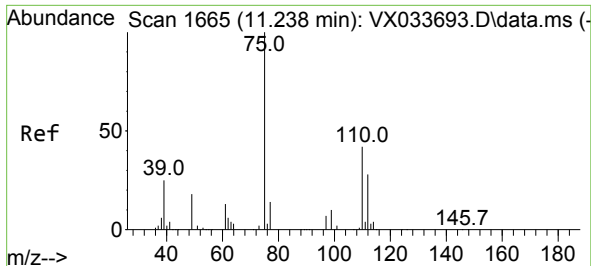
Ion Ratio Lower Upper

83 100

131 750.0 5.5 16.7#

85 0.0 32.3 96.9#

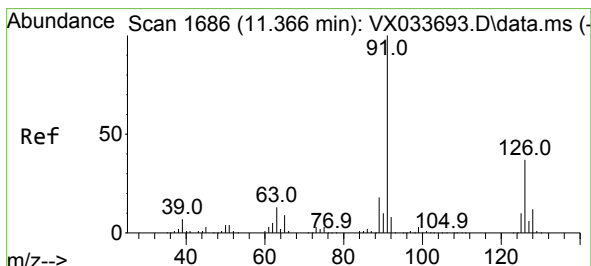
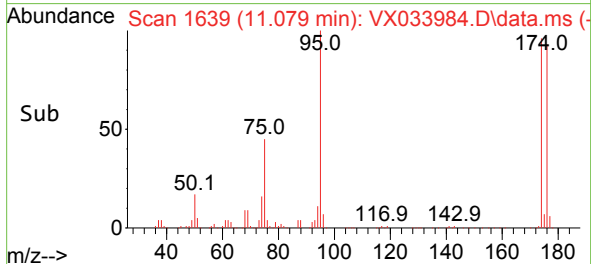
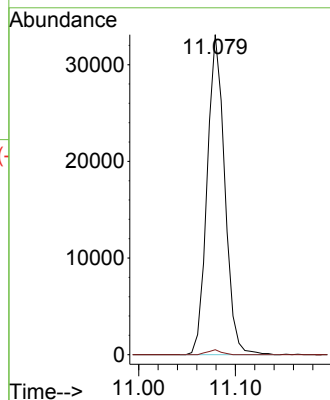
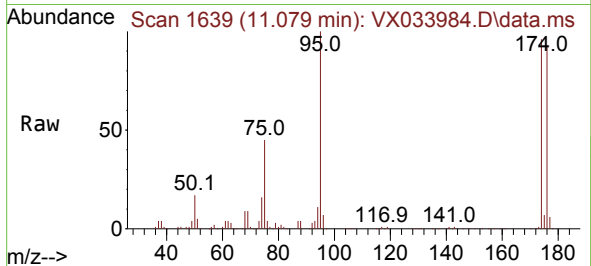




#76
1,2,3-Trichloropropane
Concen: 22.211 ug/l
RT: 11.079 min Scan# 1675
Delta R.T. -0.159 min
Lab File: VX033984.D
Acq: 01 Feb 2023 13:11

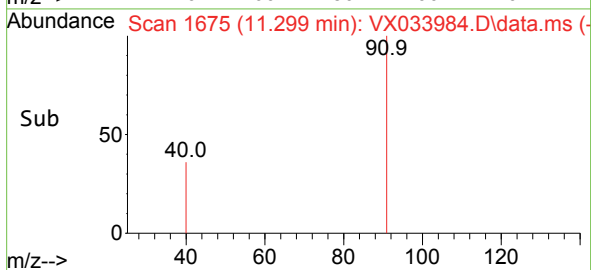
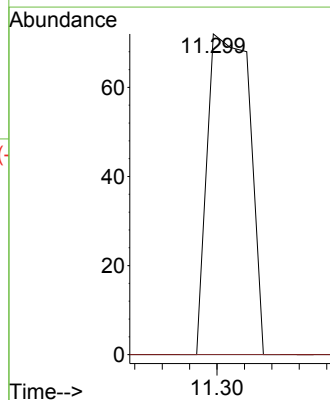
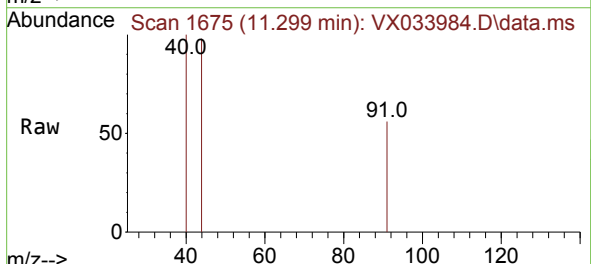
Instrument :
MSVOA_X
ClientSampleId :
IBLK

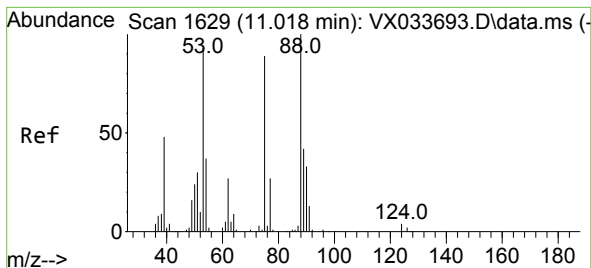
Tgt Ion: 75 Resp: 41877
Ion Ratio Lower Upper
75 100
77 1.2 21.8 65.4#



#79
2-Chlorotoluene
Concen: Below Cal
RT: 11.299 min Scan# 1675
Delta R.T. -0.067 min
Lab File: VX033984.D
Acq: 01 Feb 2023 13:11

Tgt Ion: 91 Resp: 76
Ion Ratio Lower Upper
91 100
126 0.0 18.1 54.1#

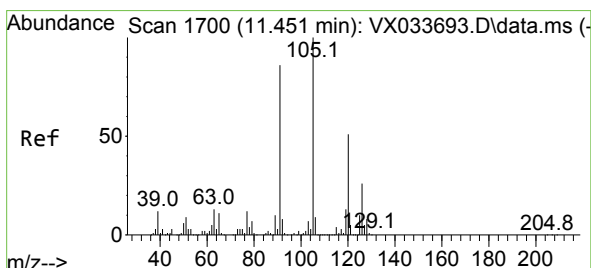
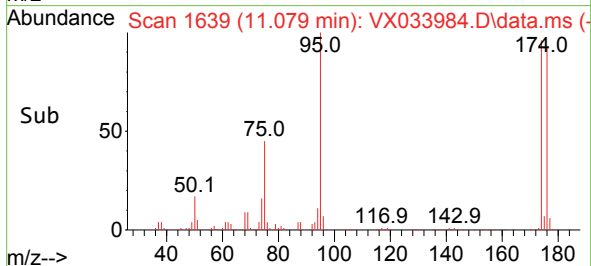
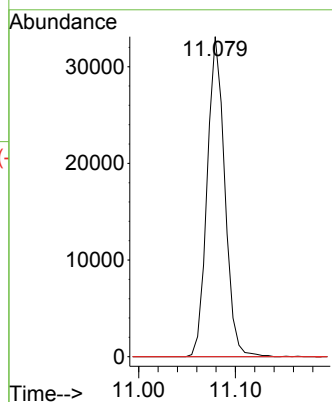
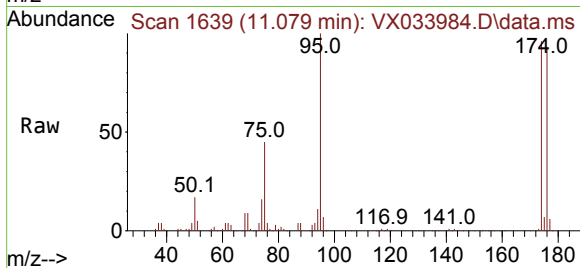




#81
trans-1,4-Dichloro-2-butene
Concen: 69.031 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX033984.D
Acq: 01 Feb 2023 13:11

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion: 75 Resp: 41877
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: VX033984.D
Acq: 01 Feb 2023 13:11

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

