

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012723\
 Data File : VX033934.D
 Acq On : 27 Jan 2023 14:02
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Jan 28 03:06:15 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)

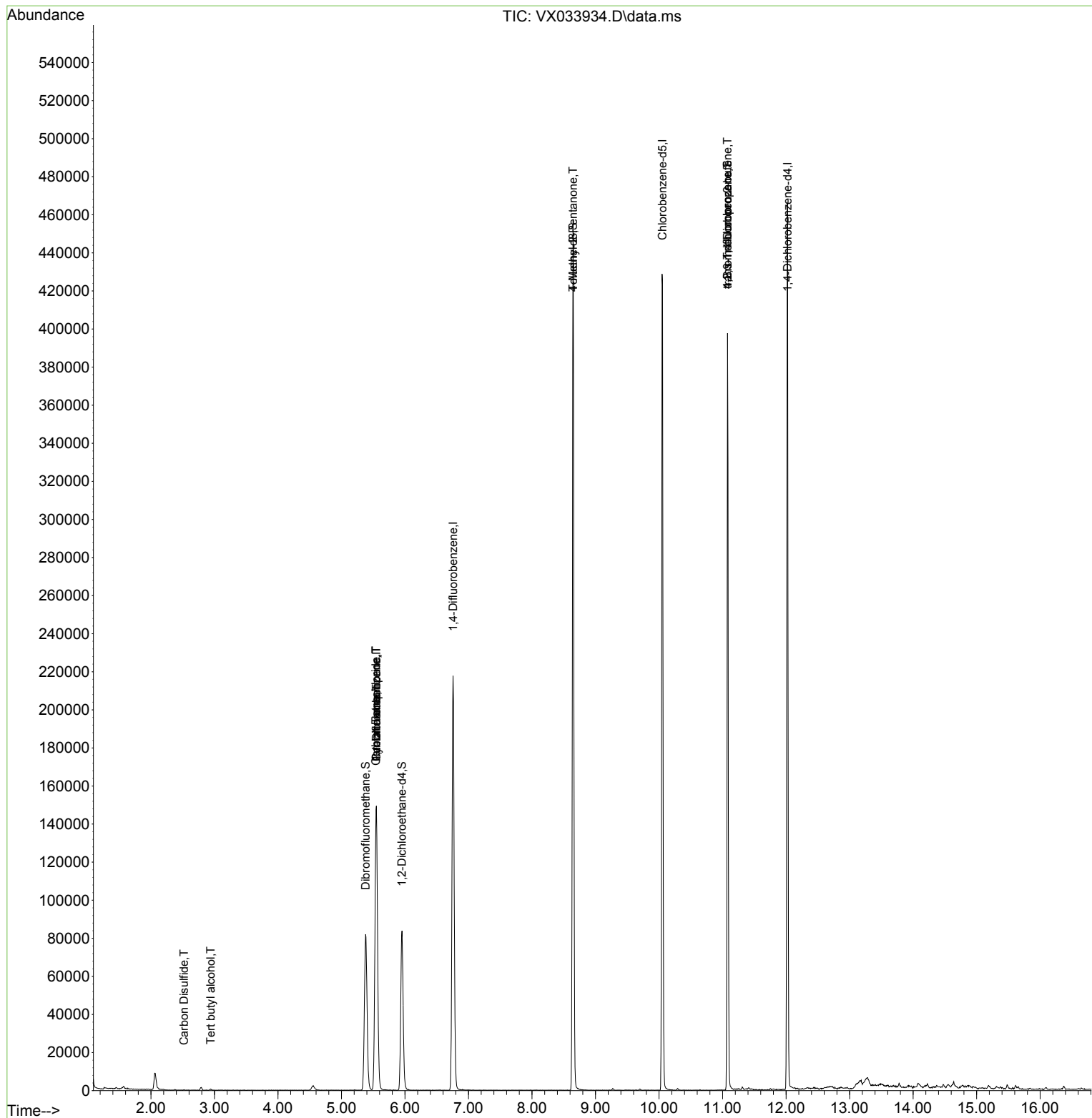
Internal Standards						
1) Pentafluorobenzene	5.550	168	166115	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	238216	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	217213	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	111810	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	78871	45.094	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.180%
35) Dibromofluoromethane	5.379	113	72032	48.697	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.400%
50) Toluene-d8	8.647	98	273038	50.661	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.320%
62) 4-Bromofluorobenzene	11.079	95	98809	49.380	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.760%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.940	59	352	1.159	ug/l #	86
16) Acetone	2.367	43	404	Below Cal		93
17) Carbon Disulfide	2.520	76	131	1.859	ug/l #	76
20) Methylene Chloride	2.782	84	776	Below Cal	#	82
31) Cyclohexane	5.550	56	2343	0.910	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	9687	4.487	ug/l #	48
37) Ethyl Acetate	4.532	43	21	Below Cal	#	68
38) Carbon Tetrachloride	5.544	117	14087	6.300	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	1145	0.547	ug/l #	1
73) Isopropylbenzene	10.963	105	29	Below Cal	#	48
75) 1,1,2,2-Tetrachloroethane	11.323	83	21	Below Cal	#	26
76) 1,2,3-Trichloropropane	11.079	75	45087	21.947	ug/l #	35
79) 2-Chlorotoluene	11.305	91	104	Below Cal	#	39
81) trans-1,4-Dichloro-2-b...	11.079	75	45087	68.209	ug/l #	8
82) 4-Chlorotoluene	11.469	91	48	Below Cal	#	43

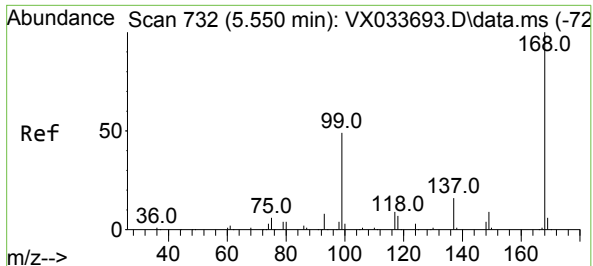
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012723\
Data File : VX033934.D
Acq On : 27 Jan 2023 14:02
Operator : JC/MD
Sample : IBLK
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Quant Time: Jan 28 03:06:15 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

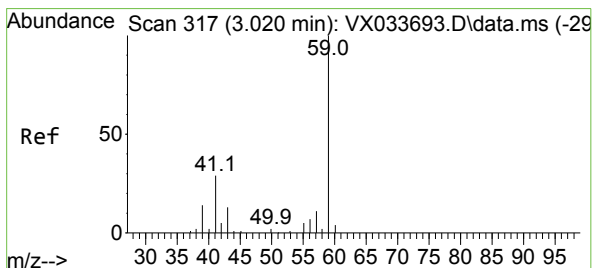
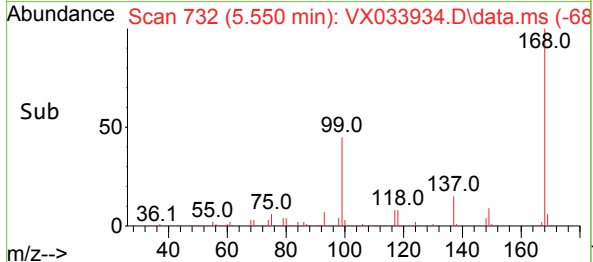
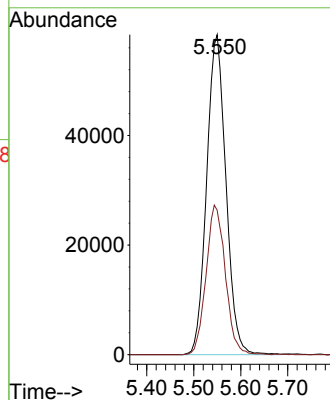
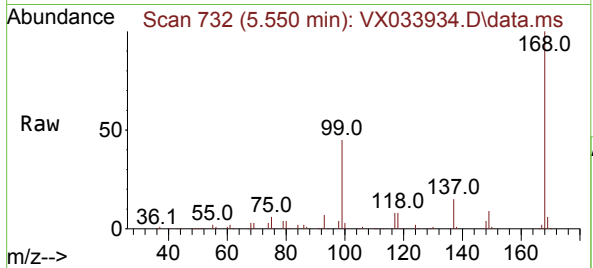




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033934.D
Acq: 27 Jan 2023 14:02

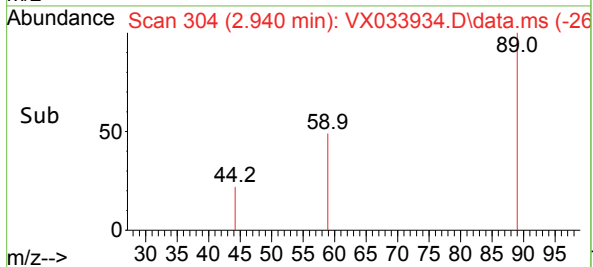
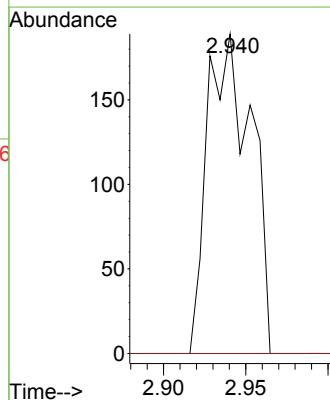
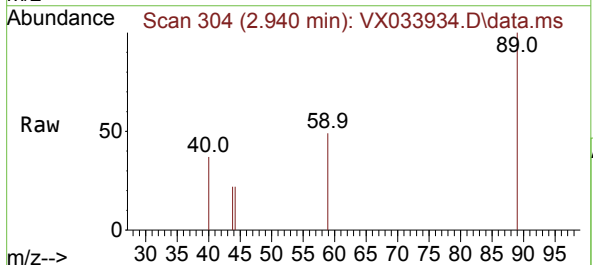
Instrument :
MSVOA_X
ClientSampleId :
IBLK

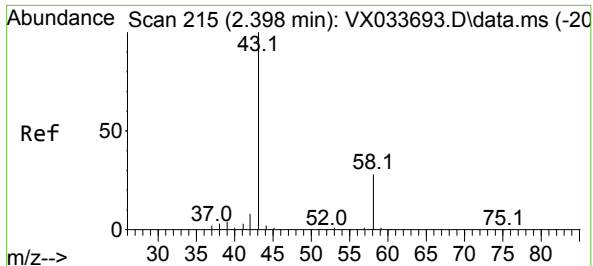
Tgt Ion:168 Resp: 166115
Ion Ratio Lower Upper
168 100
99 45.2 39.6 59.4



#11
Tert butyl alcohol
Concen: 1.159 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.079 min
Lab File: VX033934.D
Acq: 27 Jan 2023 14:02

Tgt Ion: 59 Resp: 352
Ion Ratio Lower Upper
59 100
57 0.0 3.7 5.5#

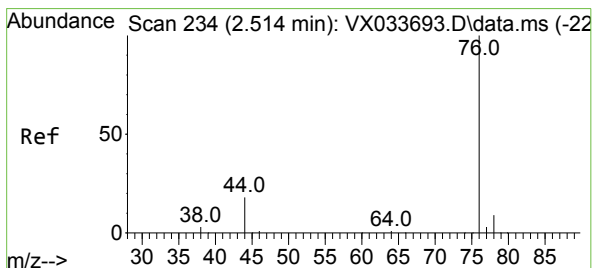
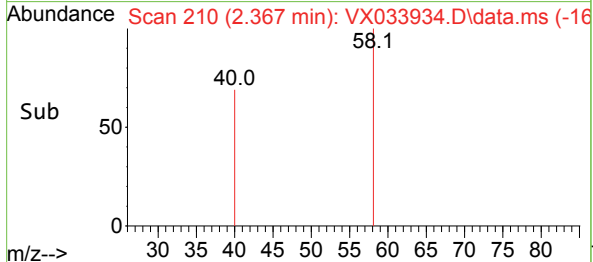
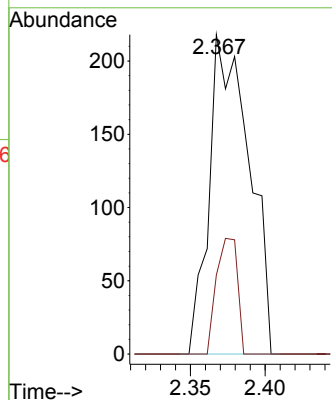
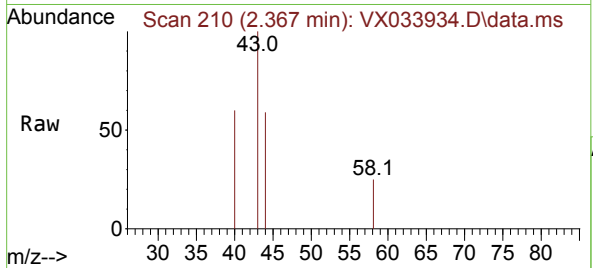




#16
Acetone
Concen: Below Cal
RT: 2.367 min Scan# 215
Delta R.T. -0.031 min
Lab File: VX033934.D
Acq: 27 Jan 2023 14:02

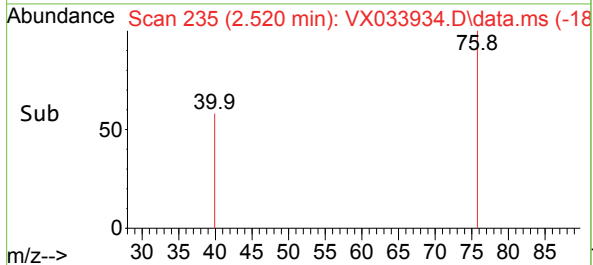
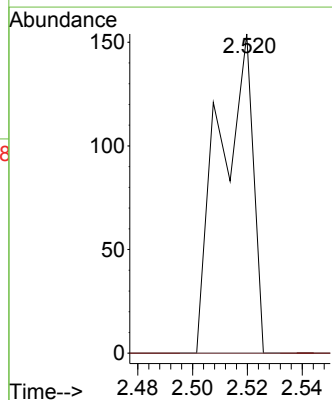
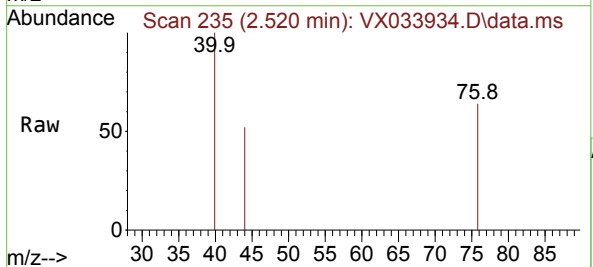
Instrument :
MSVOA_X
ClientSampleId :
IBLK

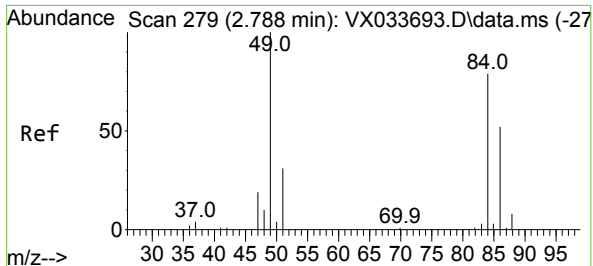
Tgt Ion: 43 Resp: 404
Ion Ratio Lower Upper
43 100
58 24.8 22.6 33.8



#17
Carbon Disulfide
Concen: 1.859 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.006 min
Lab File: VX033934.D
Acq: 27 Jan 2023 14:02

Tgt Ion: 76 Resp: 131
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#

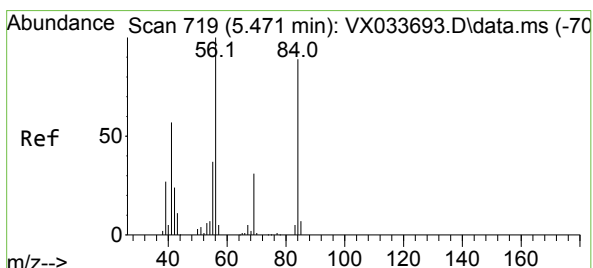
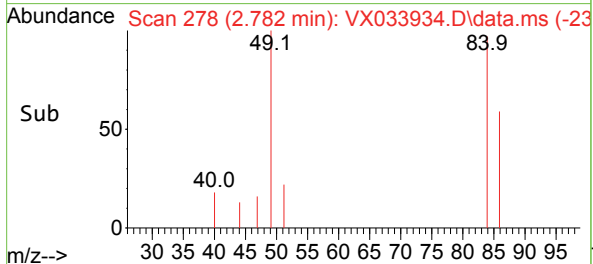
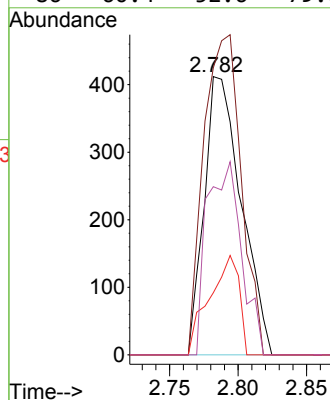
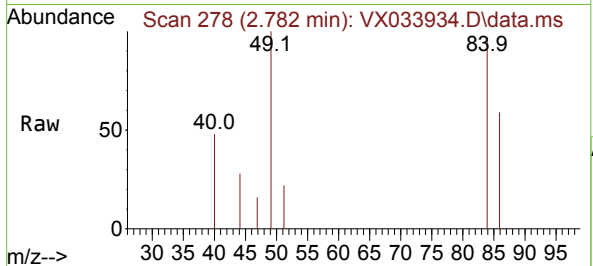




#20
Methylene Chloride
Concen: Below Cal
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX033934.D
Acq: 27 Jan 2023 14:02

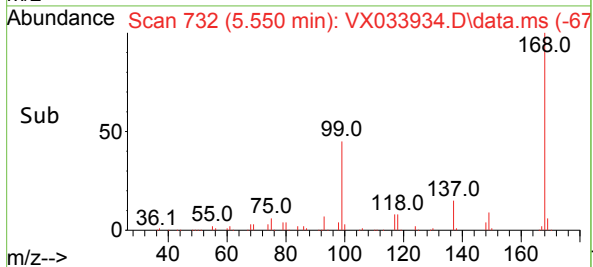
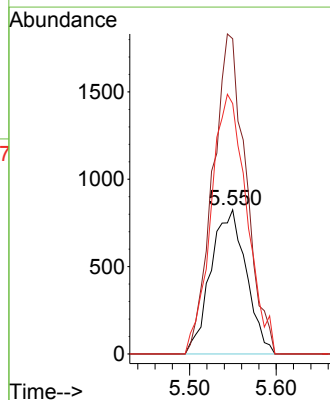
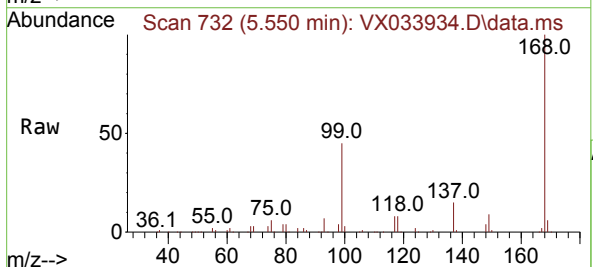
Instrument :
MSVOA_X
ClientSampleId :
IBLK

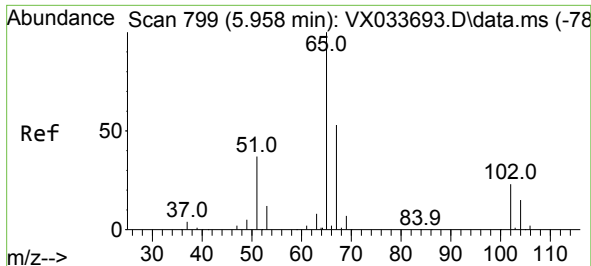
Tgt Ion:	84	Resp:	776
Ion	Ratio	Lower	Upper
84	100		
49	103.2	101.1	151.7
51	22.3	31.0	46.6#
86	60.4	52.6	79.0



#31
Cyclohexane
Concen: 0.910 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX033934.D
Acq: 27 Jan 2023 14:02

Tgt Ion:	56	Resp:	2343
Ion	Ratio	Lower	Upper
56	100		
69	218.8	24.6	37.0#
84	173.8	71.0	106.6#

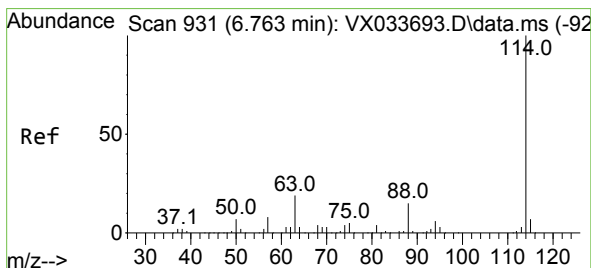
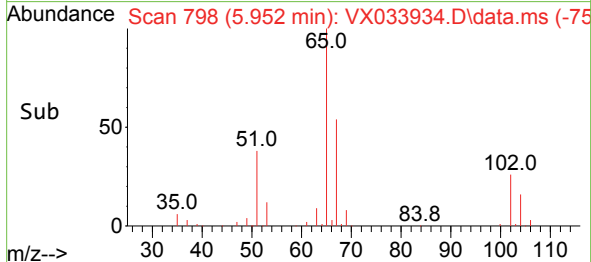
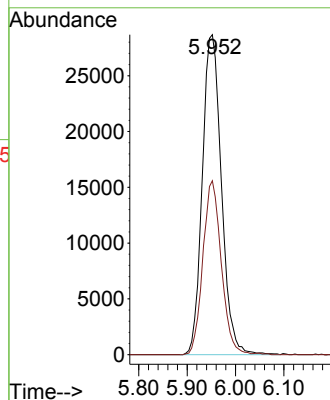
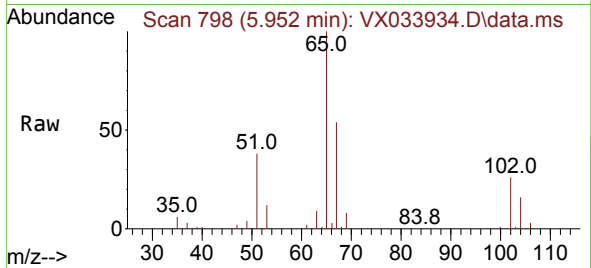




#33
1,2-Dichloroethane-d4
Concen: 45.094 ug/l
RT: 5.952 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX033934.D
Acq: 27 Jan 2023 14:02

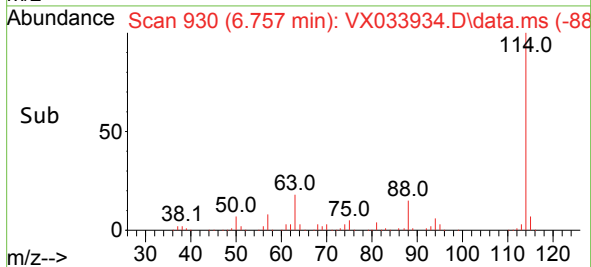
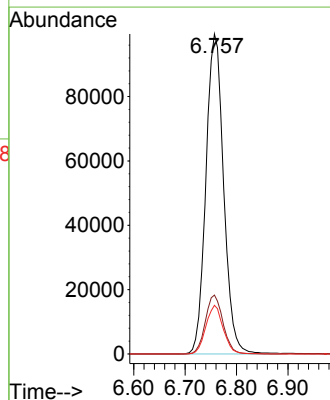
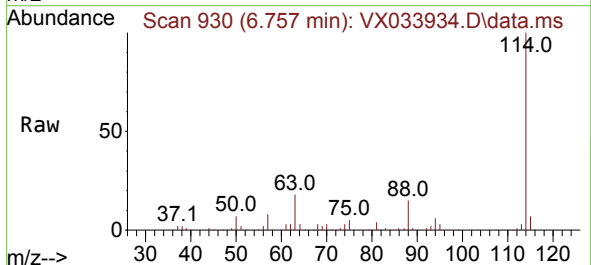
Instrument :
MSVOA_X
ClientSampleId :
IBLK

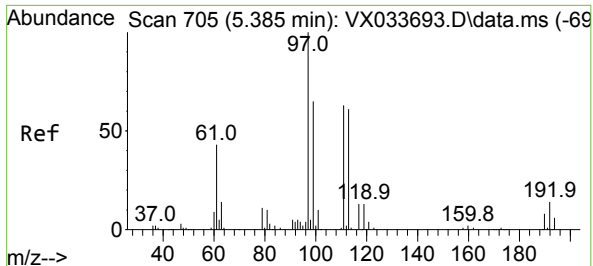
Tgt Ion: 65 Resp: 78871
Ion Ratio Lower Upper
65 100
67 52.2 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.006 min
Lab File: VX033934.D
Acq: 27 Jan 2023 14:02

Tgt Ion: 114 Resp: 238216
Ion Ratio Lower Upper
114 100
63 18.4 0.0 37.4
88 15.2 0.0 30.6

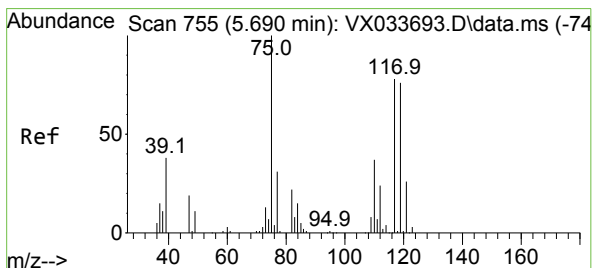
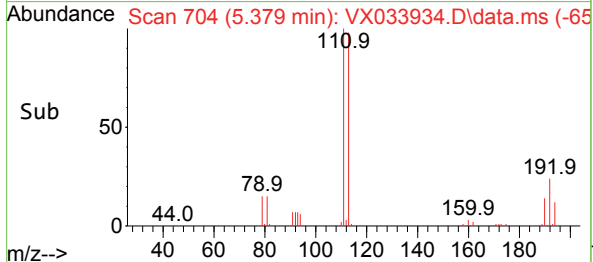
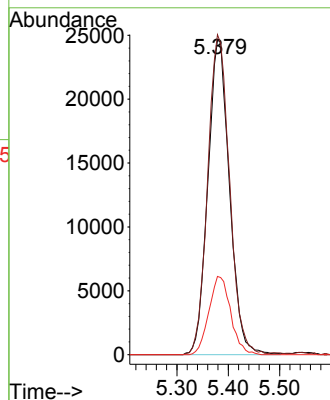
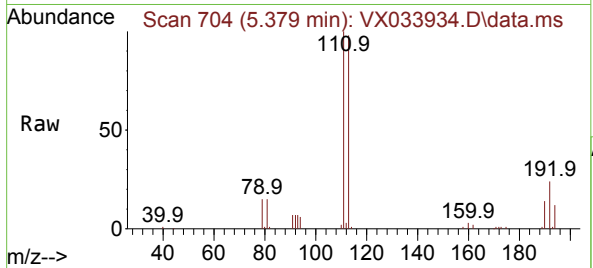




#35
Dibromofluoromethane
Concen: 48.697 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX033934.D
Acq: 27 Jan 2023 14:02

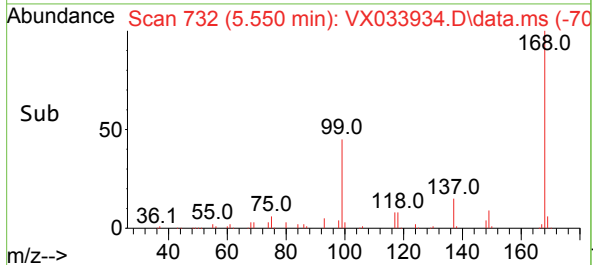
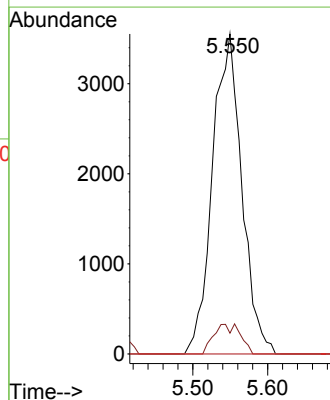
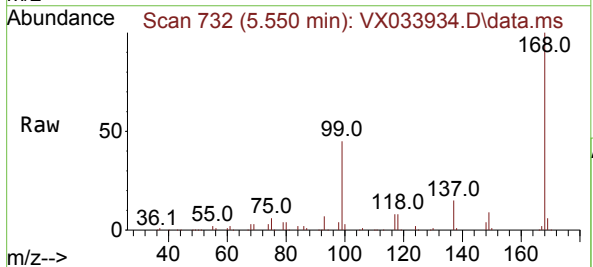
Instrument :
MSVOA_X
ClientSampleId :
IBLK

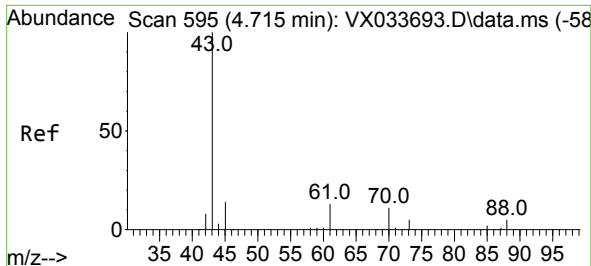
Tgt Ion:113 Resp: 72032
Ion Ratio Lower Upper
113 100
111 102.6 83.0 124.6
192 25.0 19.0 28.4



#36
1,1-Dichloropropene
Concen: 4.487 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX033934.D
Acq: 27 Jan 2023 14:02

Tgt Ion: 75 Resp: 9687
Ion Ratio Lower Upper
75 100
110 8.4 18.8 56.4#
77 0.0 25.1 37.7#





#37

Ethyl Acetate

Concen: Below Cal

RT: 4.532 min Scan# 50

Delta R.T. -0.183 min

Lab File: VX033934.D

Acq: 27 Jan 2023 14:02

Instrument :

MSVOA_X

ClientSampleId :

IBLK

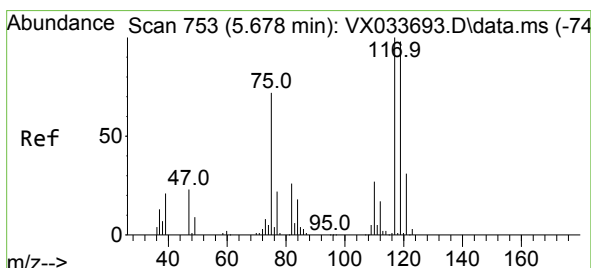
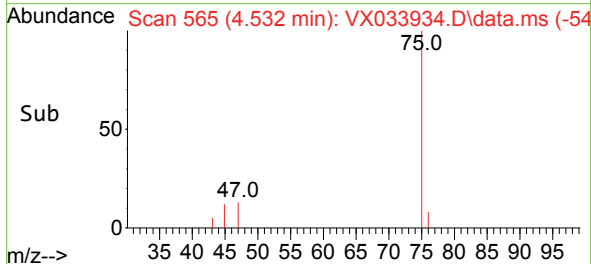
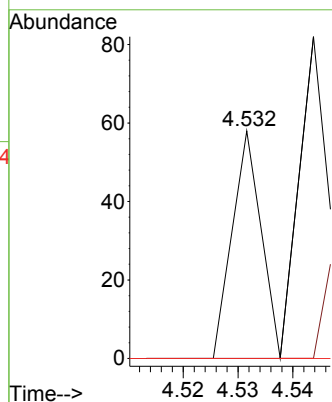
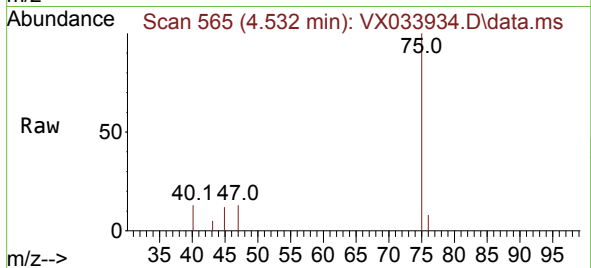
Tgt Ion: 43 Resp: 21

Ion Ratio Lower Upper

43 100

61 0.0 11.1 16.7#

70 0.0 8.5 12.7#



#38

Carbon Tetrachloride

Concen: 6.300 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.134 min

Lab File: VX033934.D

Acq: 27 Jan 2023 14:02

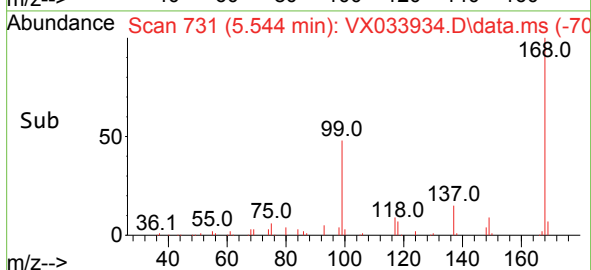
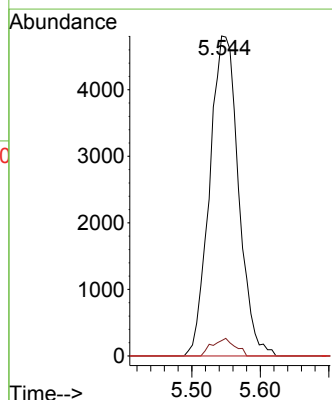
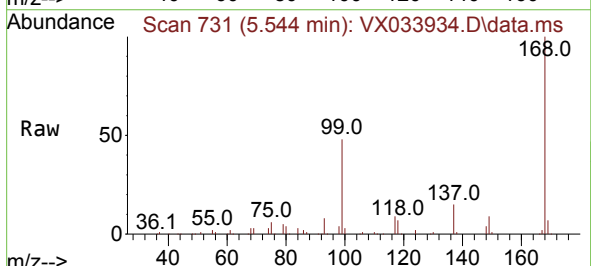
Tgt Ion: 117 Resp: 14087

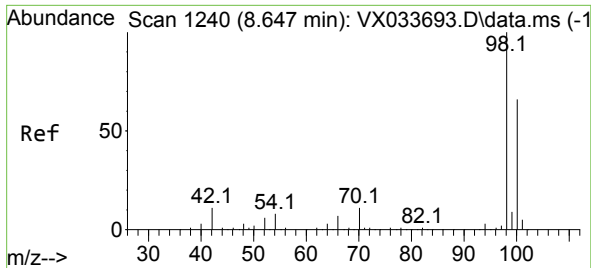
Ion Ratio Lower Upper

117 100

119 4.8 78.0 117.0#

121 0.0 24.4 36.6#

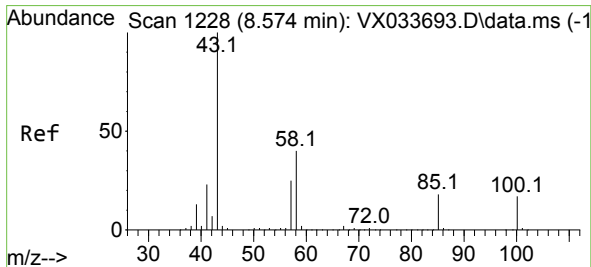
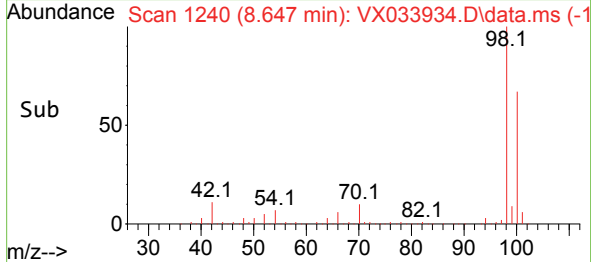
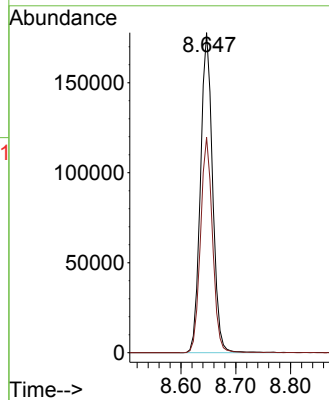
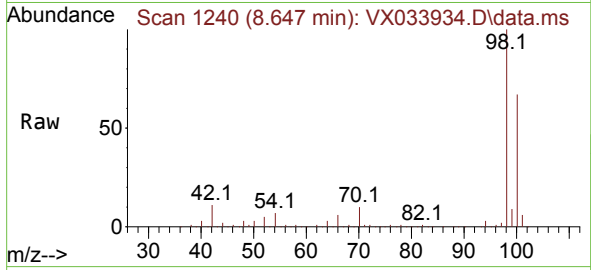




#50
Toluene-d8
Concen: 50.661 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033934.D
Acq: 27 Jan 2023 14:02

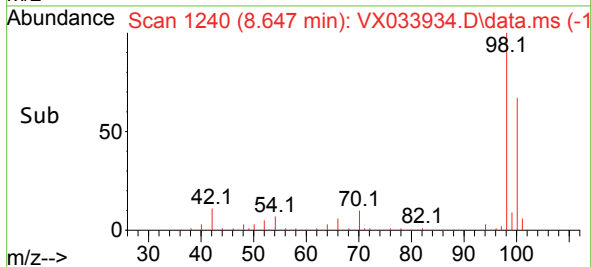
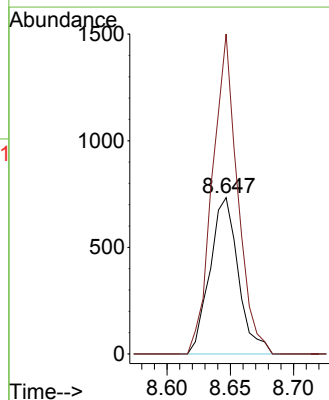
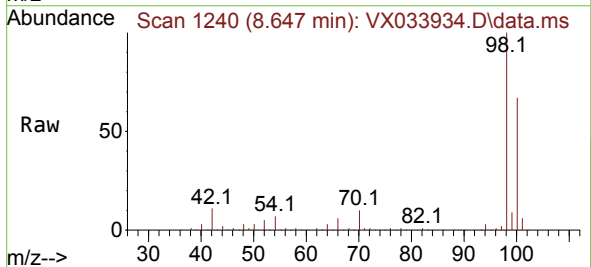
Instrument :
MSVOA_X
ClientSampleId :
IBLK

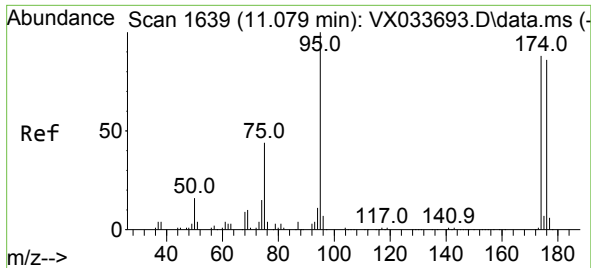
Tgt Ion: 98 Resp: 273038
Ion Ratio Lower Upper
98 100
100 66.8 53.6 80.4



#51
4-Methyl-2-Pentanone
Concen: 0.547 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX033934.D
Acq: 27 Jan 2023 14:02

Tgt Ion: 43 Resp: 1145
Ion Ratio Lower Upper
43 100
58 181.4 31.2 46.8#

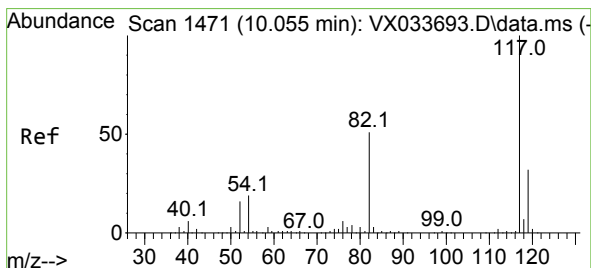
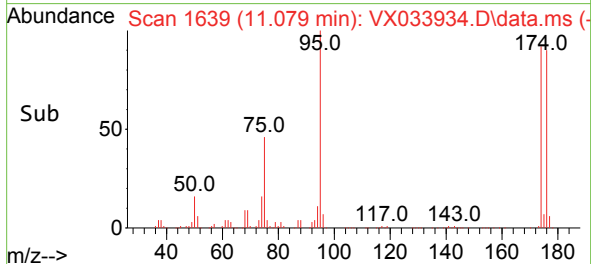
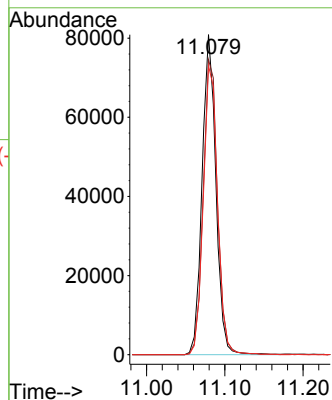
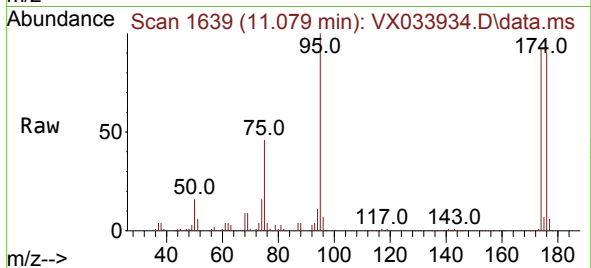




#62
4-Bromofluorobenzene
Concen: 49.380 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX033934.D
Acq: 27 Jan 2023 14:02

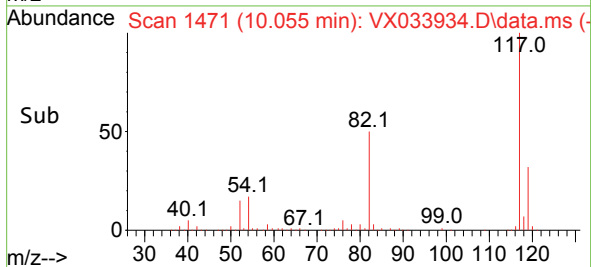
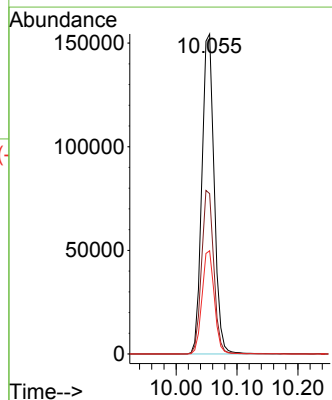
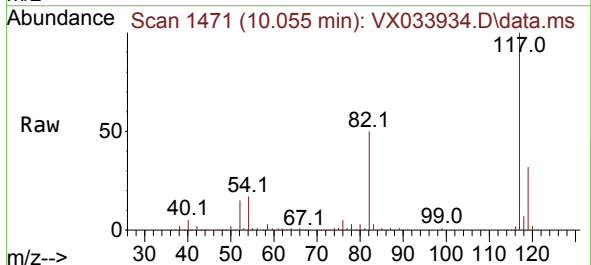
Instrument :
MSVOA_X
ClientSampleId :
IBLK

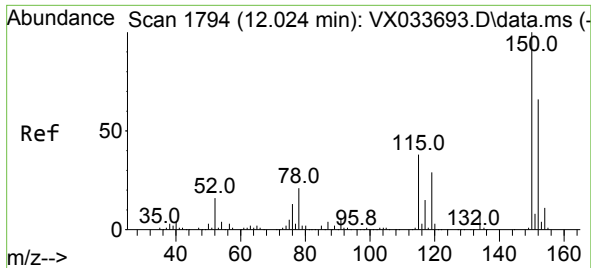
Tgt Ion: 95 Resp: 98809
Ion Ratio Lower Upper
95 100
174 95.7 0.0 184.4
176 93.4 0.0 178.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX033934.D
Acq: 27 Jan 2023 14:02

Tgt Ion: 117 Resp: 217213
Ion Ratio Lower Upper
117 100
82 50.1 40.6 60.8
119 32.2 25.6 38.4

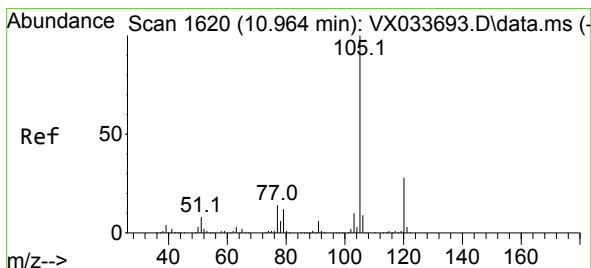
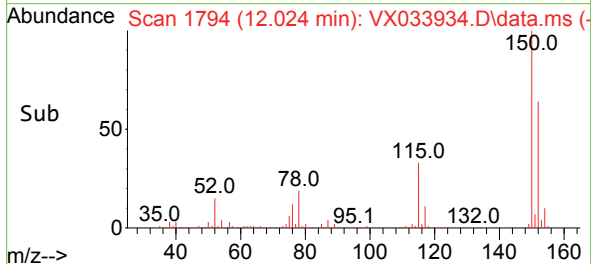
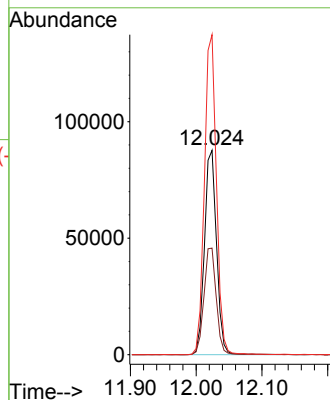
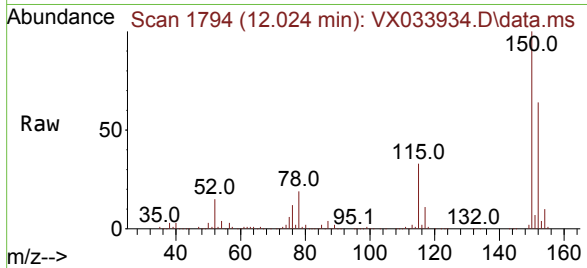




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033934.D
Acq: 27 Jan 2023 14:02

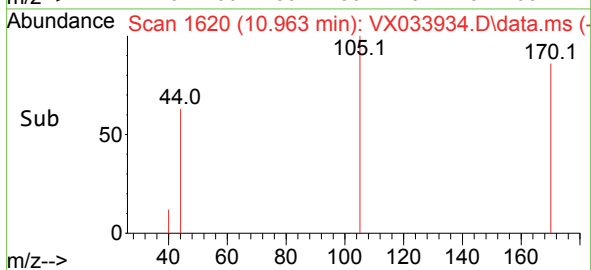
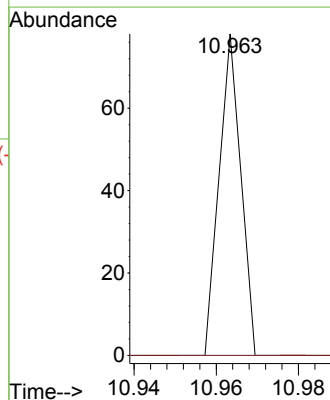
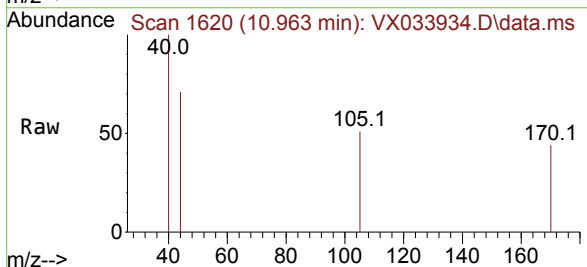
Instrument :
MSVOA_X
ClientSampleId :
IBLK

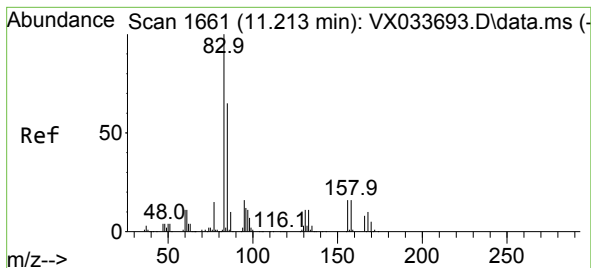
Tgt Ion:152 Resp: 111810
Ion Ratio Lower Upper
152 100
115 53.5 38.7 116.1
150 156.0 0.0 348.2



#73
Isopropylbenzene
Concen: Below Cal
RT: 10.963 min Scan# 1620
Delta R.T. -0.001 min
Lab File: VX033934.D
Acq: 27 Jan 2023 14:02

Tgt Ion:105 Resp: 29
Ion Ratio Lower Upper
105 100
120 0.0 13.6 40.8#

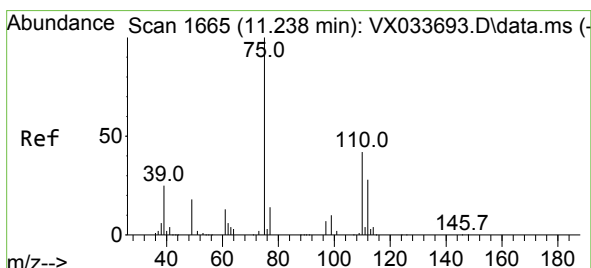
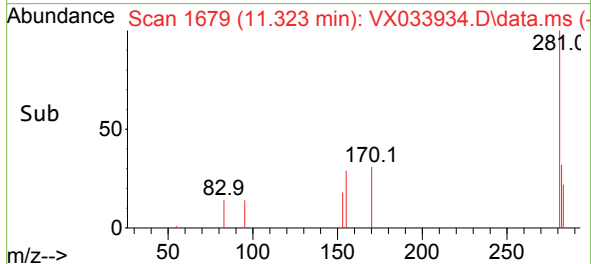
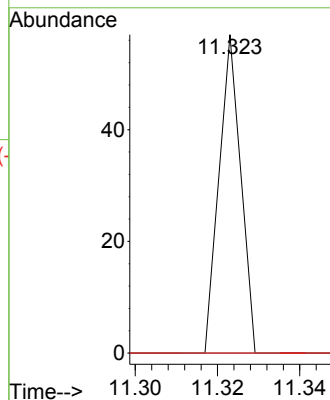
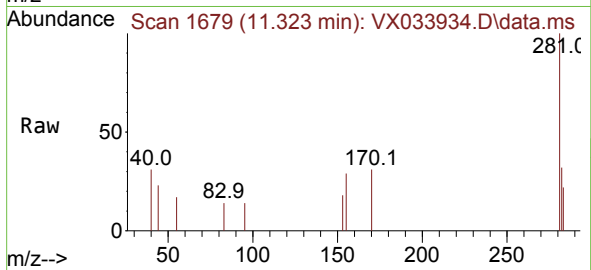




#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 11.323 min Scan# 1639
Delta R.T. 0.110 min
Lab File: VX033934.D
Acq: 27 Jan 2023 14:02

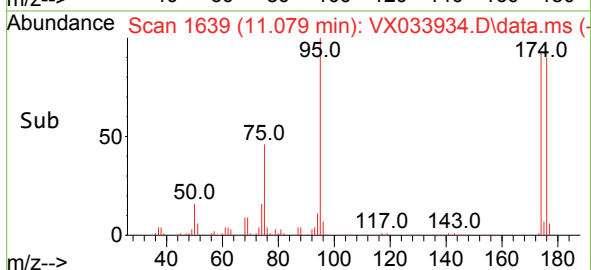
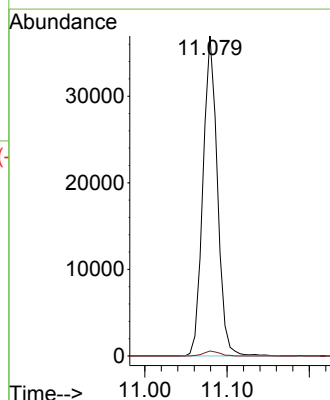
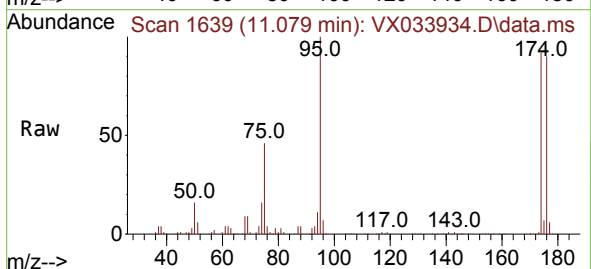
Instrument :
MSVOA_X
ClientSampleId :
IBLK

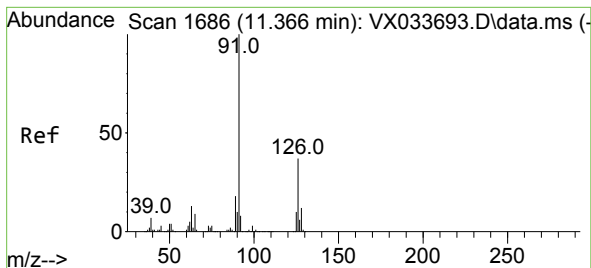
Tgt Ion: 83 Resp: 21
Ion Ratio Lower Upper
83 100
131 0.0 5.5 16.7#
85 0.0 32.3 96.9#



#76
1,2,3-Trichloropropane
Concen: 21.947 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX033934.D
Acq: 27 Jan 2023 14:02

Tgt Ion: 75 Resp: 45087
Ion Ratio Lower Upper
75 100
77 1.7 21.8 65.4#





#79

2-Chlorotoluene

Concen: Below Cal

RT: 11.305 min Scan# 1

Delta R.T. -0.061 min

Lab File: VX033934.D

Acq: 27 Jan 2023 14:02

Instrument :

MSVOA_X

ClientSampleId :

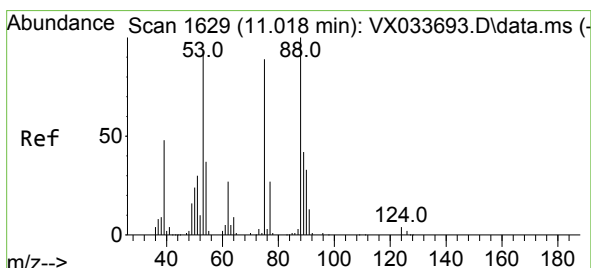
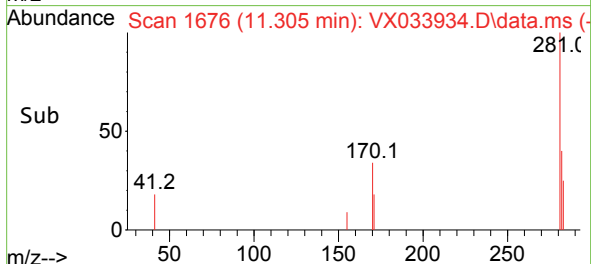
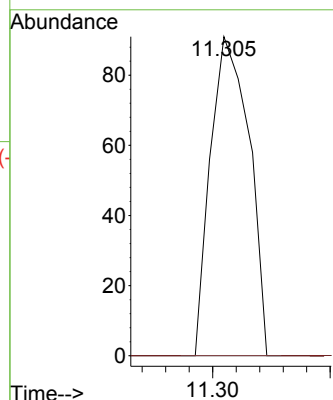
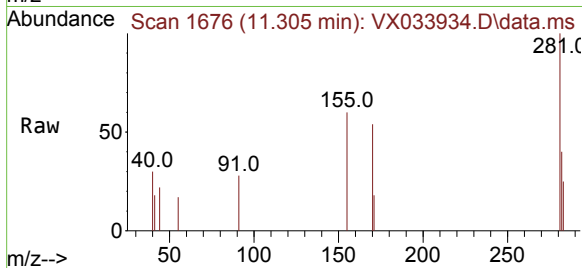
IBLK

Tgt Ion: 91 Resp: 104

Ion Ratio Lower Upper

91 100

126 0.0 18.1 54.1#



#81

trans-1,4-Dichloro-2-butene

Concen: 68.209 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX033934.D

Acq: 27 Jan 2023 14:02

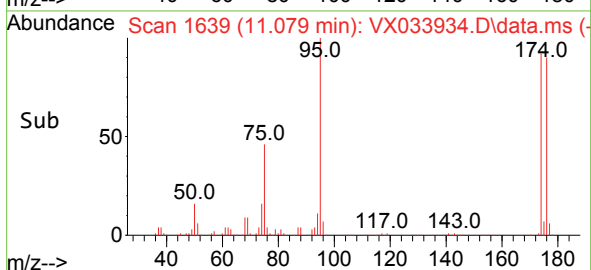
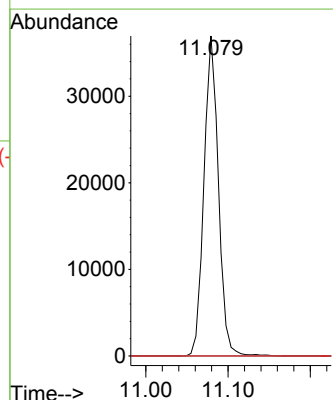
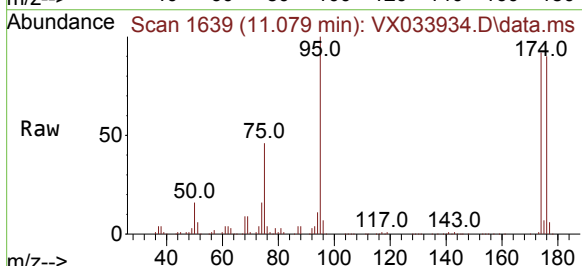
Tgt Ion: 75 Resp: 45087

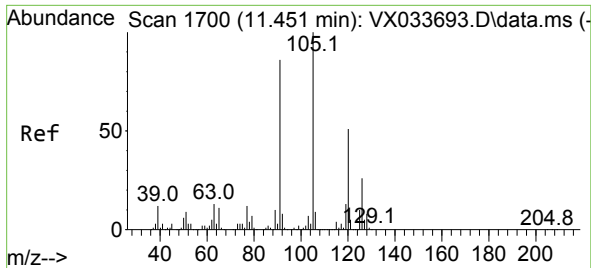
Ion Ratio Lower Upper

75 100

53 0.0 83.0 124.6#

89 0.0 37.7 56.5#





#82
 4-Chlorotoluene
 Concen: Below Cal
 RT: 11.469 min Scan# 11
 Delta R.T. 0.018 min
 Lab File: VX033934.D
 Acq: 27 Jan 2023 14:02

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Tgt Ion: 91 Resp: 48
 Ion Ratio Lower Upper
 91 100
 126 0.0 15.8 47.4#

