

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031423\
 Data File : VX034474.D
 Acq On : 14 Mar 2023 18:51
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Mar 15 06:52:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

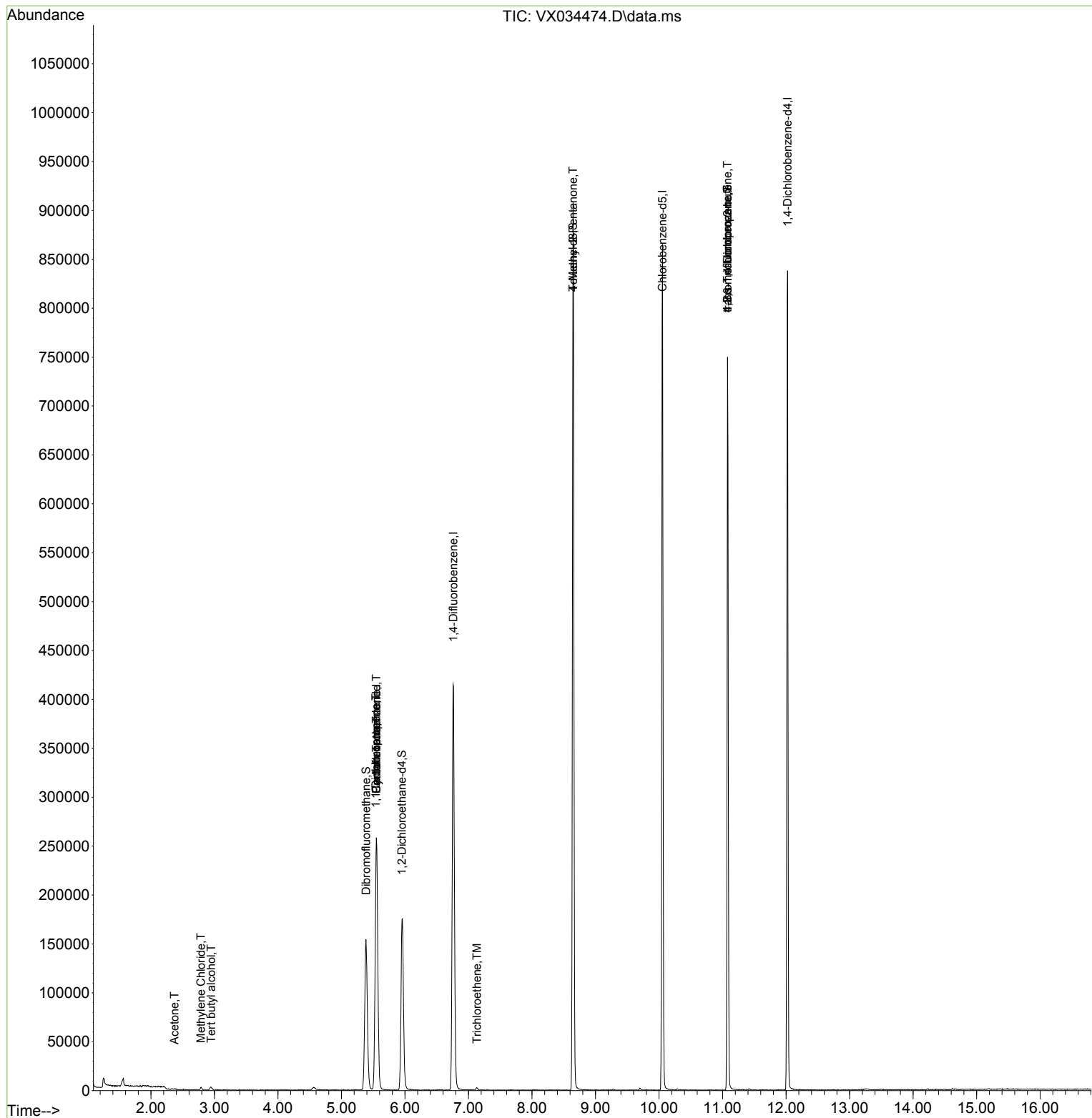
Internal Standards						
1) Pentafluorobenzene	5.550	168	246297	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	423015	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	374904	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	169309	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	167435	46.729	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.460%
35) Dibromofluoromethane	5.385	113	132501	47.441	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.880%
50) Toluene-d8	8.647	98	513275	49.229	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.460%
62) 4-Bromofluorobenzene	11.079	95	193437	45.932	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.860%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	535	Below Cal		94
11) Tert butyl alcohol	2.947	59	1936	2.595 ug/l	#	73
16) Acetone	2.367	43	894	0.530 ug/l	#	72
20) Methylene Chloride	2.788	84	1127	0.344 ug/l	#	81
31) Cyclohexane	5.550	56	5682	1.131 ug/l	#	17
36) 1,1-Dichloropropene	5.544	75	19808	4.617 ug/l	#	51
38) Carbon Tetrachloride	5.550	117	25124	5.887 ug/l	#	15
44) Trichloroethene	7.135	130	872	0.267 ug/l		94
51) 4-Methyl-2-Pentanone	8.647	43	2569	0.558 ug/l	#	1
76) 1,2,3-Trichloropropane	11.079	75	99863	25.688 ug/l	#	34
81) trans-1,4-Dichloro-2-b...	11.079	75	99863	69.494 ug/l	#	8

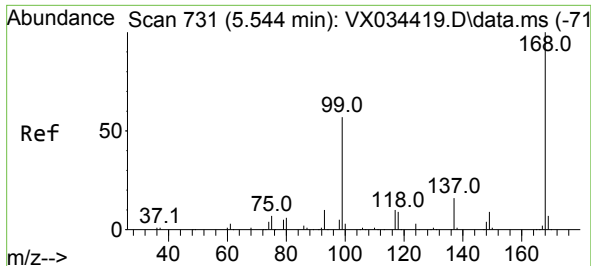
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Mar 13 10:29:32 2023
Response via : Initial Calibration

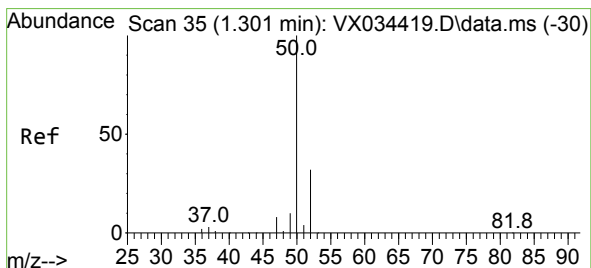
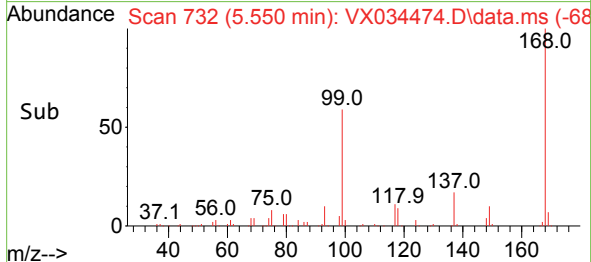
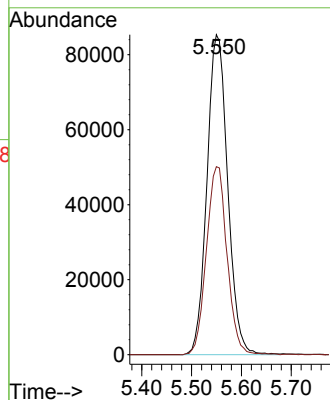
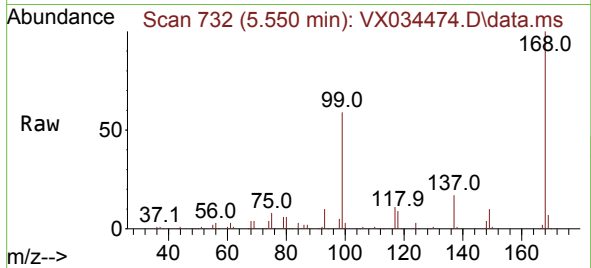




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034474.D
Acq: 14 Mar 2023 18:51

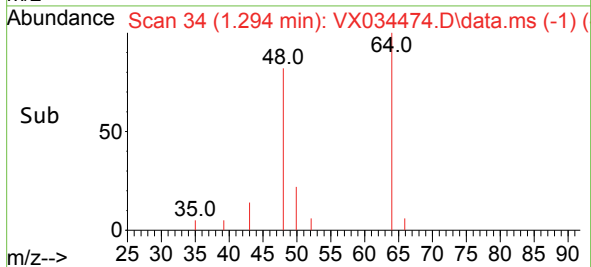
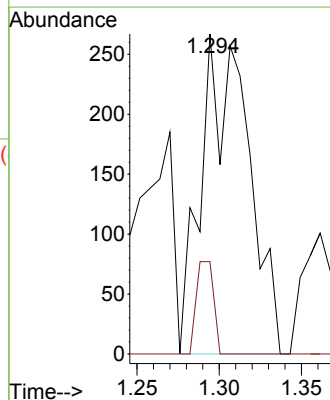
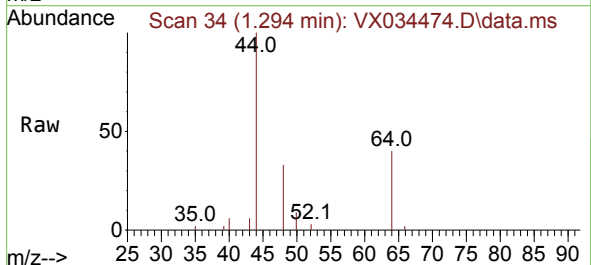
Instrument :
MSVOA_X
ClientSampleId :
IBLK

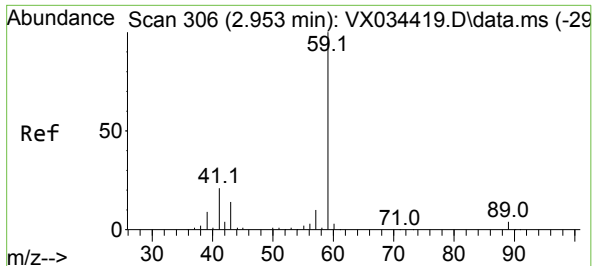
Tgt Ion:168 Resp: 246297
Ion Ratio Lower Upper
168 100
99 58.8 45.7 68.5



#3
Chloromethane
Concen: Below Cal
RT: 1.294 min Scan# 34
Delta R.T. -0.007 min
Lab File: VX034474.D
Acq: 14 Mar 2023 18:51

Tgt Ion: 50 Resp: 535
Ion Ratio Lower Upper
50 100
52 28.8 25.9 38.9





#11

Tert butyl alcohol

Concen: 2.595 ug/l

RT: 2.947 min Scan# 306

Delta R.T. -0.006 min

Lab File: VX034474.D

Acq: 14 Mar 2023 18:51

Instrument :

MSVOA_X

ClientSampleId :

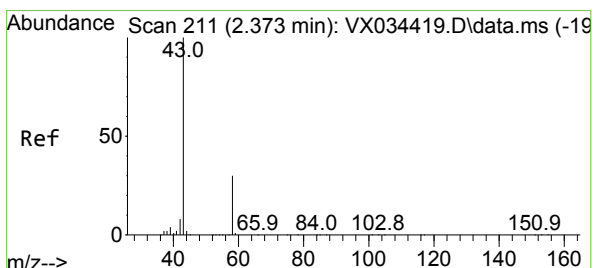
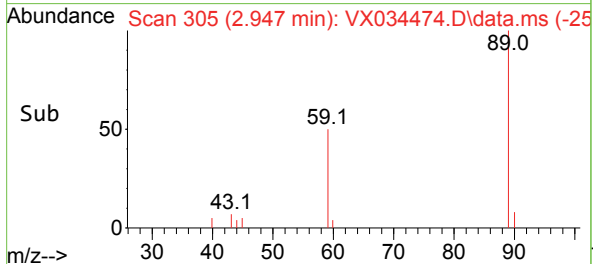
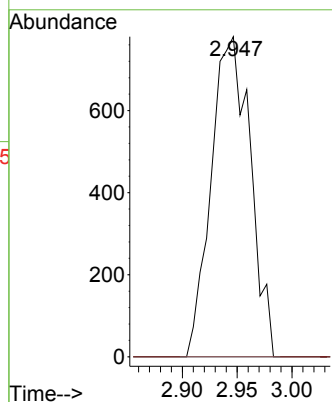
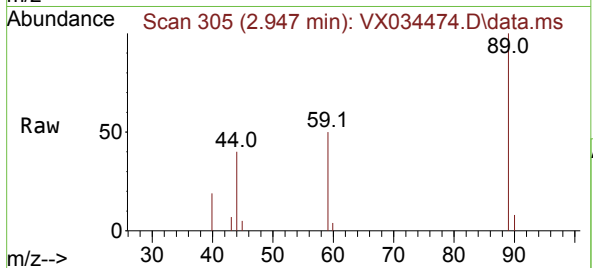
IBLK

Tgt Ion: 59 Resp: 1936

Ion Ratio Lower Upper

59 100

57 0.0 8.1 12.1#



#16

Acetone

Concen: 0.530 ug/l

RT: 2.367 min Scan# 210

Delta R.T. -0.006 min

Lab File: VX034474.D

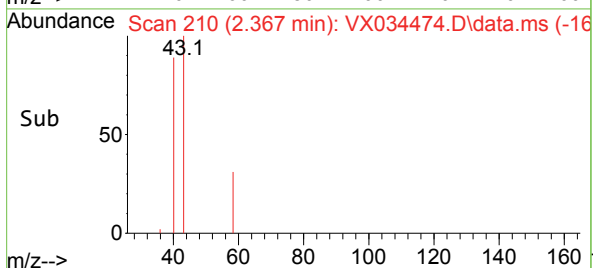
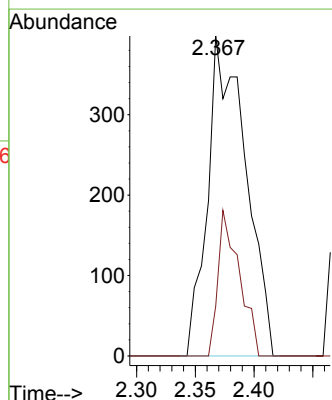
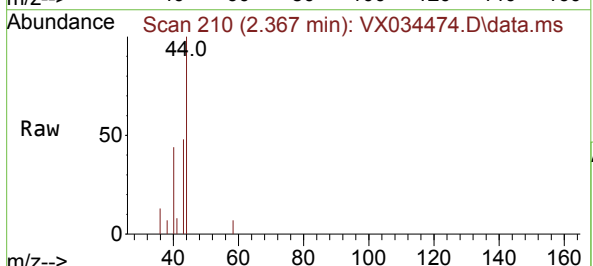
Acq: 14 Mar 2023 18:51

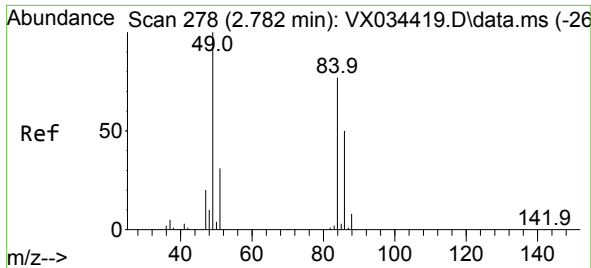
Tgt Ion: 43 Resp: 894

Ion Ratio Lower Upper

43 100

58 15.6 24.7 37.1#

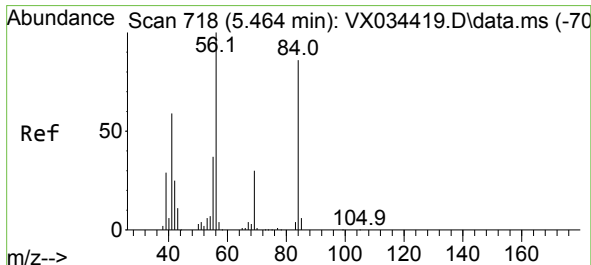
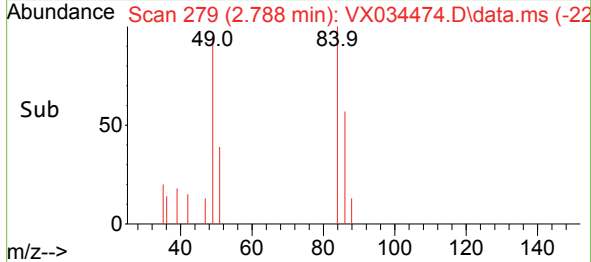
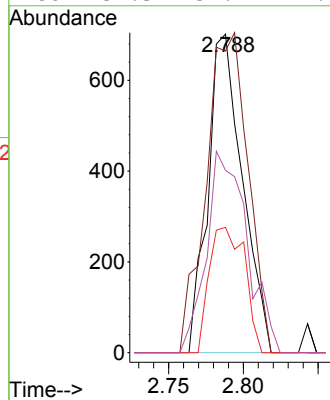
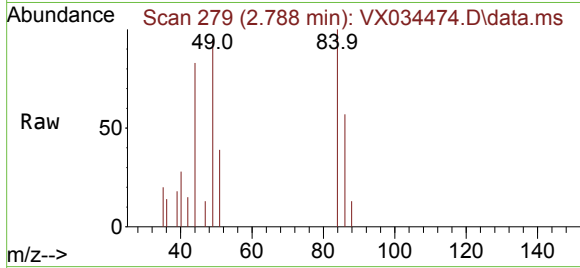




#20
Methylene Chloride
Concen: 0.344 ug/l
RT: 2.788 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX034474.D
Acq: 14 Mar 2023 18:51

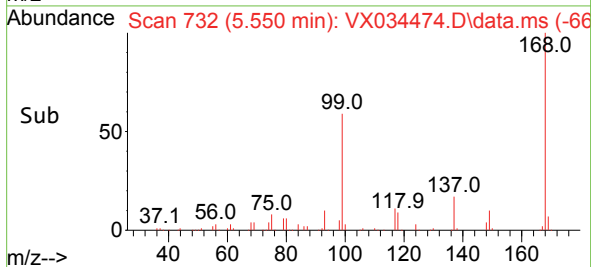
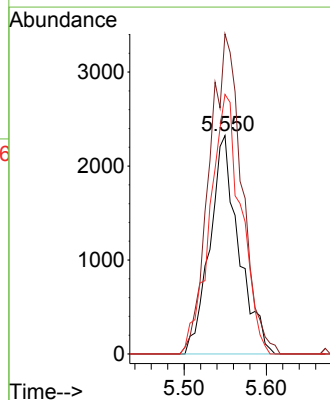
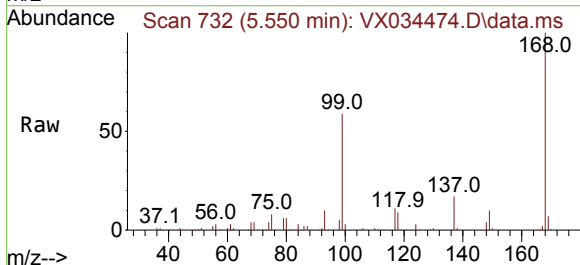
Instrument :
MSVOA_X
ClientSampleId :
IBLK

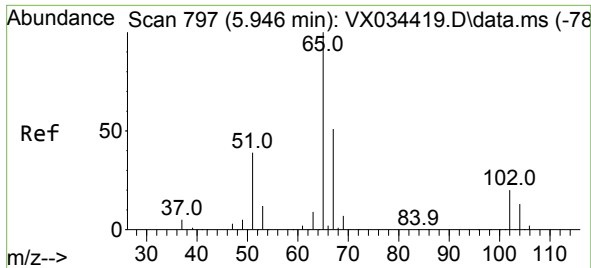
Tgt Ion:	84	Resp:	1127
Ion	Ratio	Lower	Upper
84	100		
49	94.7	103.8	155.8#
51	39.3	31.8	47.8
86	57.3	51.4	77.2



#31
Cyclohexane
Concen: 1.131 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.085 min
Lab File: VX034474.D
Acq: 14 Mar 2023 18:51

Tgt Ion:	56	Resp:	5682
Ion	Ratio	Lower	Upper
56	100		
69	146.5	23.7	35.5#
84	118.8	68.5	102.7#





#33

1,2-Dichloroethane-d4

Concen: 46.729 ug/l

RT: 5.952 min Scan# 79

Delta R.T. 0.006 min

Lab File: VX034474.D

Acq: 14 Mar 2023 18:51

Instrument :

MSVOA_X

ClientSampleId :

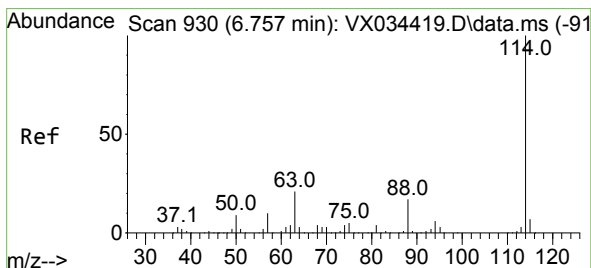
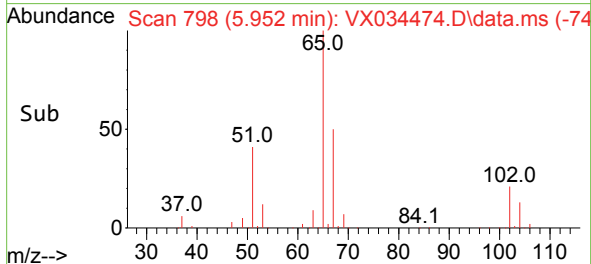
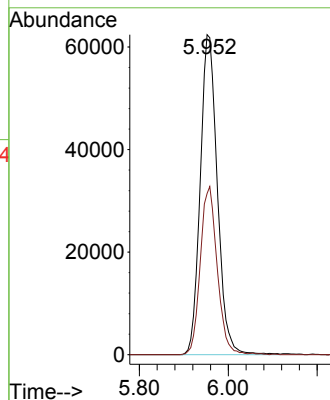
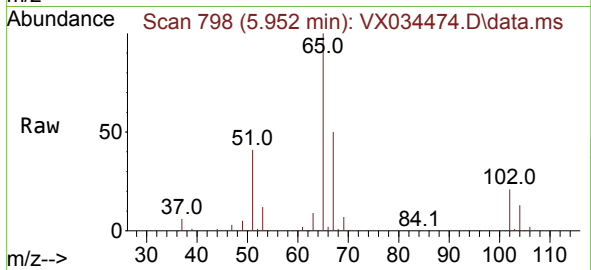
IBLK

Tgt Ion: 65 Resp: 167435

Ion Ratio Lower Upper

65 100

67 51.7 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX034474.D

Acq: 14 Mar 2023 18:51

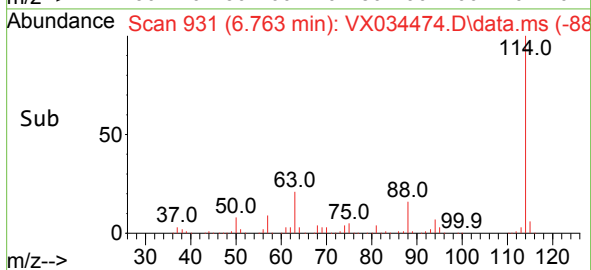
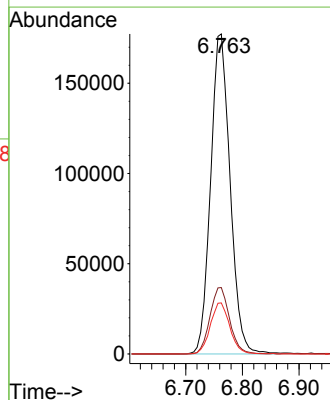
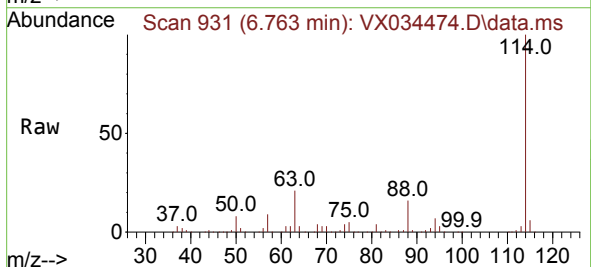
Tgt Ion:114 Resp: 423015

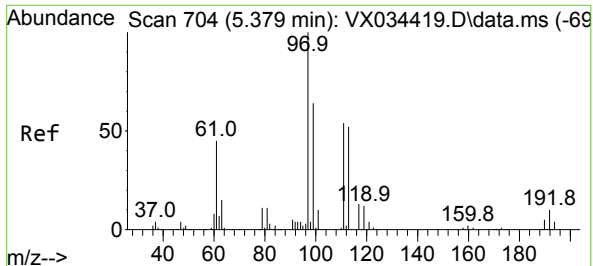
Ion Ratio Lower Upper

114 100

63 20.7 0.0 42.2

88 16.0 0.0 33.2

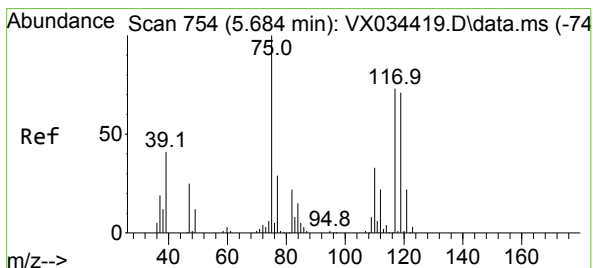
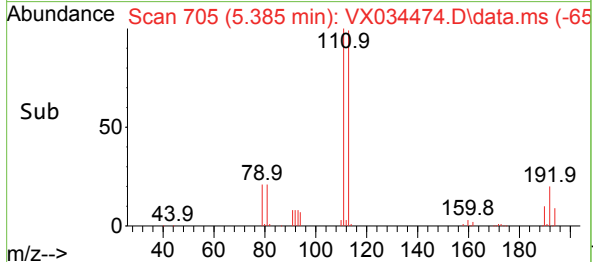
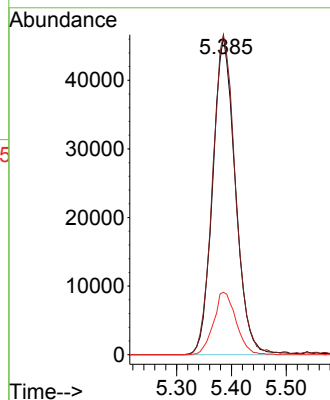
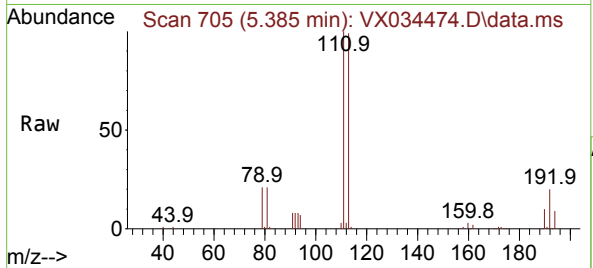




#35
Dibromofluoromethane
Concen: 47.441 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX034474.D
Acq: 14 Mar 2023 18:51

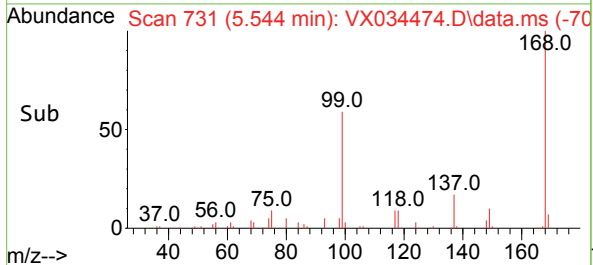
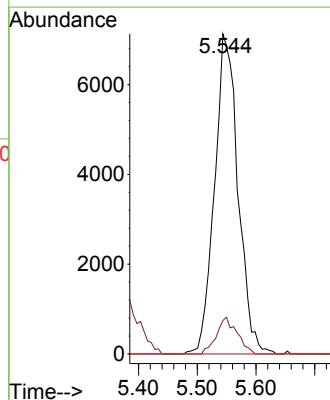
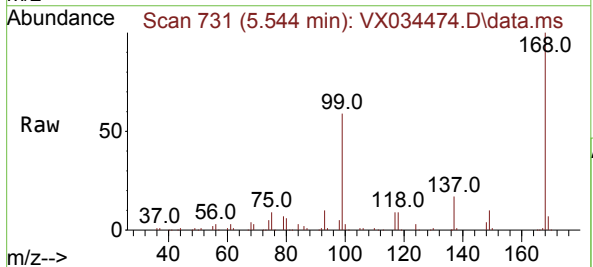
Instrument :
MSVOA_X
ClientSampleId :
IBLK

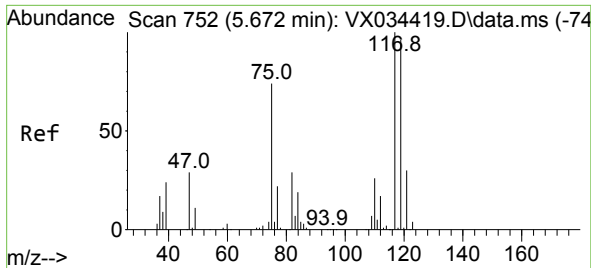
Tgt Ion:113 Resp: 132501
Ion Ratio Lower Upper
113 100
111 102.2 83.7 125.5
192 19.6 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.617 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.140 min
Lab File: VX034474.D
Acq: 14 Mar 2023 18:51

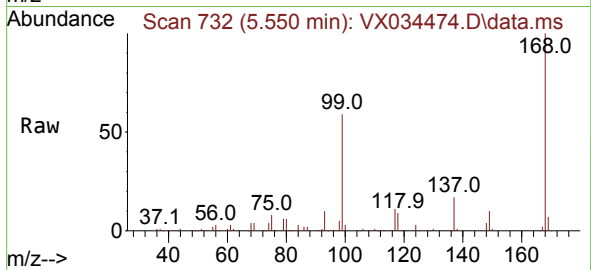
Tgt Ion: 75 Resp: 19808
Ion Ratio Lower Upper
75 100
110 10.0 17.5 52.5#
77 0.0 24.3 36.5#



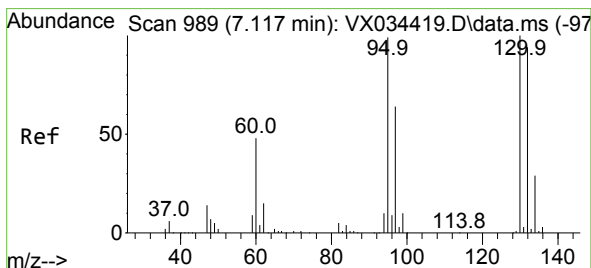
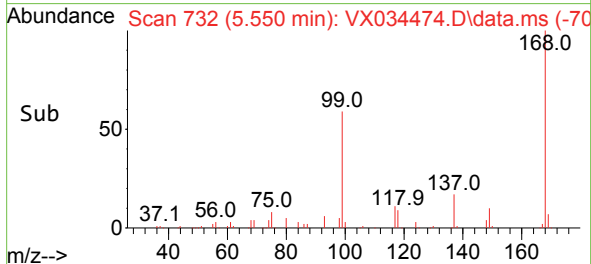
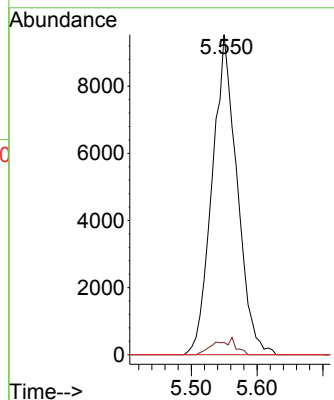


#38
Carbon Tetrachloride
Concen: 5.887 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.122 min
Lab File: VX034474.D
Acq: 14 Mar 2023 18:51

Instrument :
MSVOA_X
ClientSampleId :
IBLK

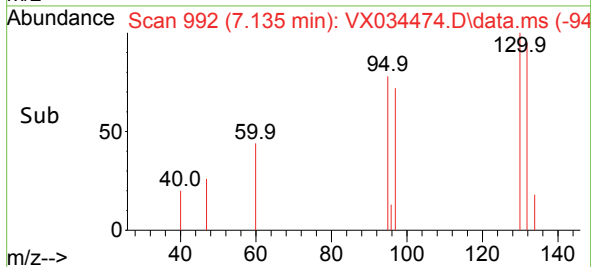
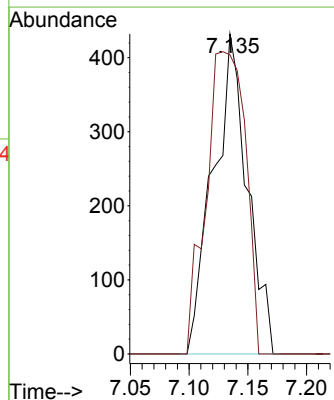
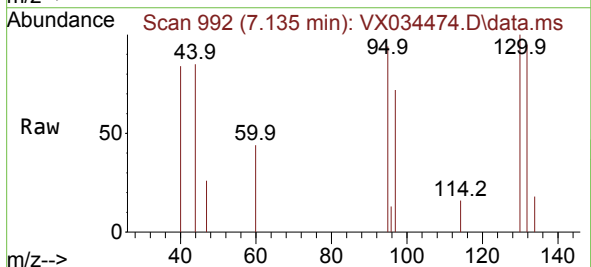


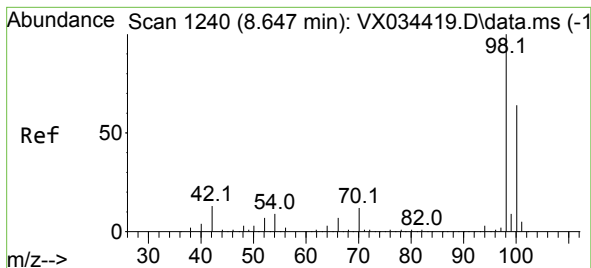
Tgt Ion:117 Resp: 25124
Ion Ratio Lower Upper
117 100
119 3.8 76.6 114.8#
121 0.0 23.8 35.6#



#44
Trichloroethene
Concen: 0.267 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.018 min
Lab File: VX034474.D
Acq: 14 Mar 2023 18:51

Tgt Ion:130 Resp: 872
Ion Ratio Lower Upper
130 100
95 93.5 0.0 198.4





#50

Toluene-d8

Concen: 49.229 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX034474.D

Acq: 14 Mar 2023 18:51

Instrument :

MSVOA_X

ClientSampleId :

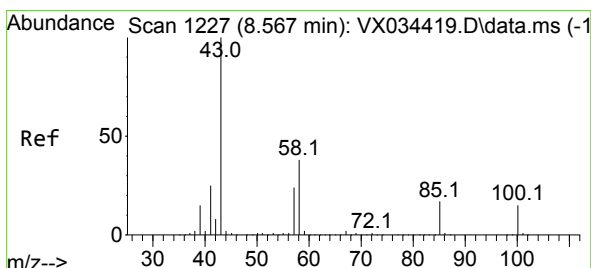
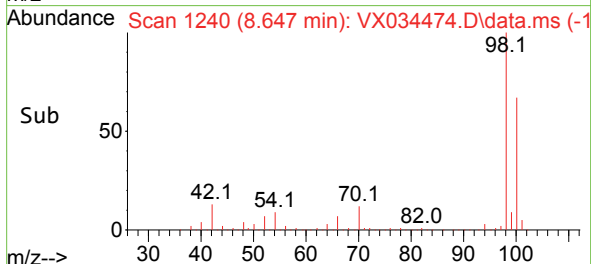
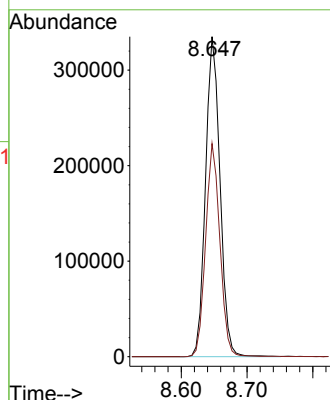
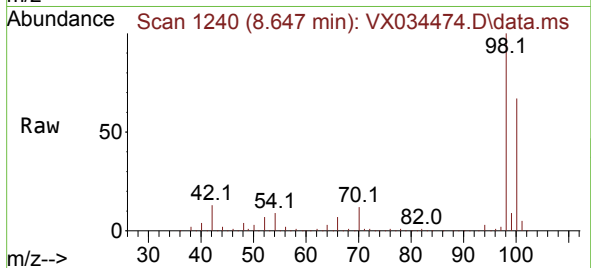
IBLK

Tgt Ion: 98 Resp: 513275

Ion Ratio Lower Upper

98 100

100 65.8 52.5 78.7



#51

4-Methyl-2-Pentanone

Concen: 0.558 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.079 min

Lab File: VX034474.D

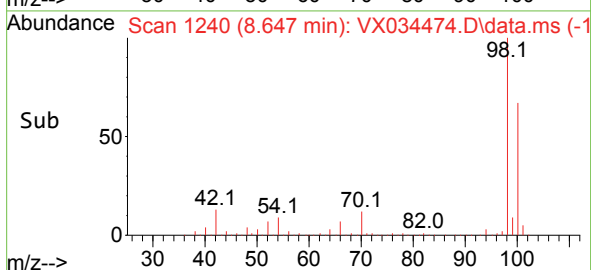
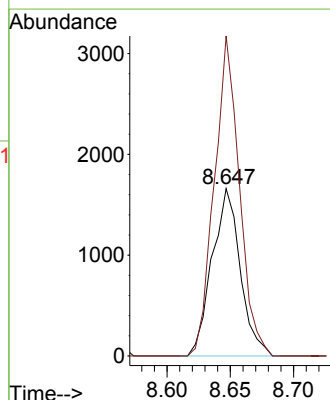
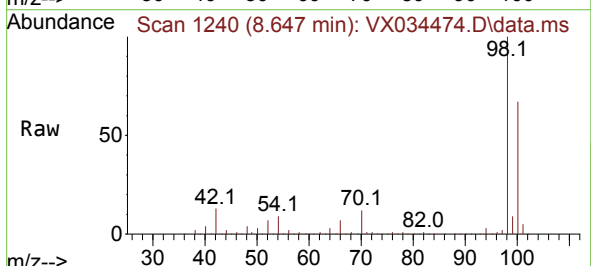
Acq: 14 Mar 2023 18:51

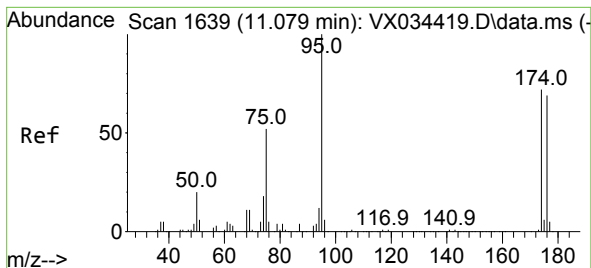
Tgt Ion: 43 Resp: 2569

Ion Ratio Lower Upper

43 100

58 170.2 30.6 46.0#

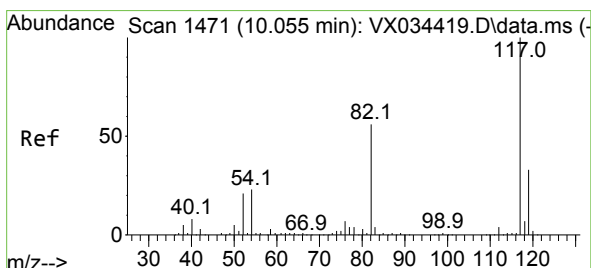
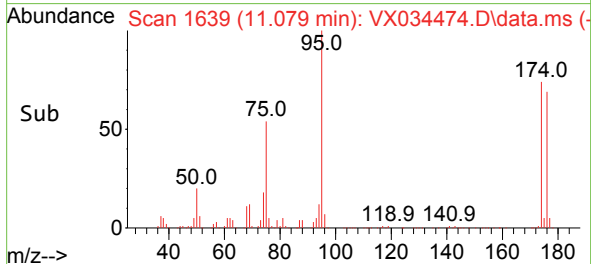
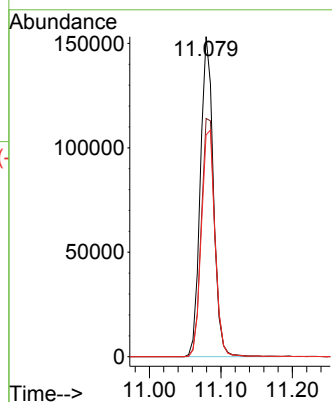
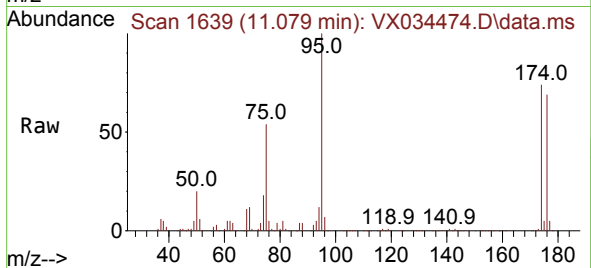




#62
4-Bromofluorobenzene
Concen: 45.932 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX034474.D
Acq: 14 Mar 2023 18:51

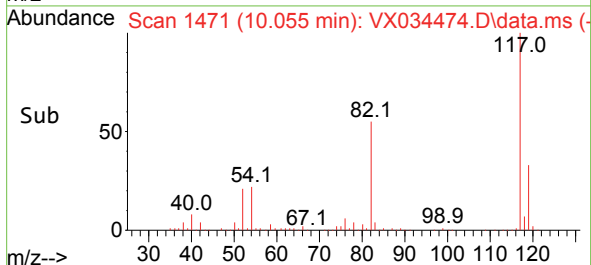
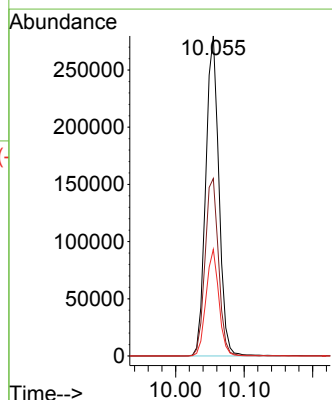
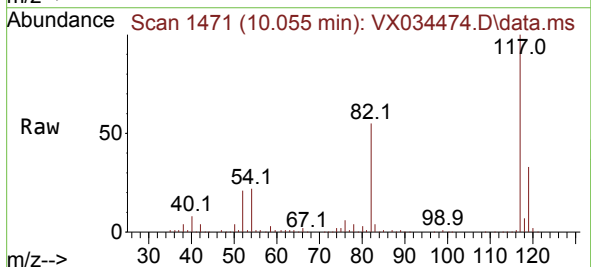
Instrument :
MSVOA_X
ClientSampleId :
IBLK

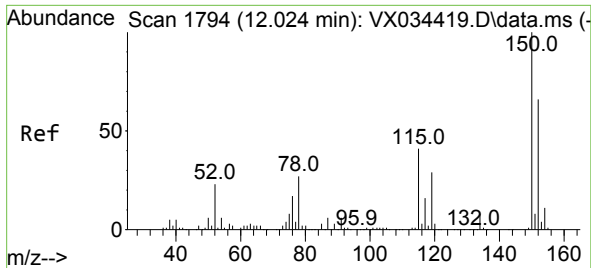
Tgt Ion: 95 Resp: 193437
Ion Ratio Lower Upper
95 100
174 77.8 0.0 147.4
176 74.2 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034474.D
Acq: 14 Mar 2023 18:51

Tgt Ion: 117 Resp: 374904
Ion Ratio Lower Upper
117 100
82 55.4 45.0 67.4
119 33.3 26.0 39.0

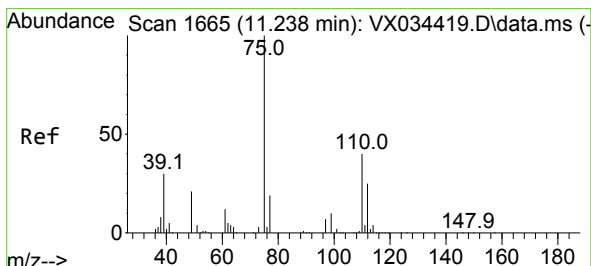
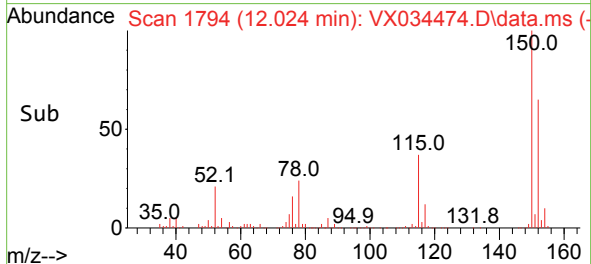
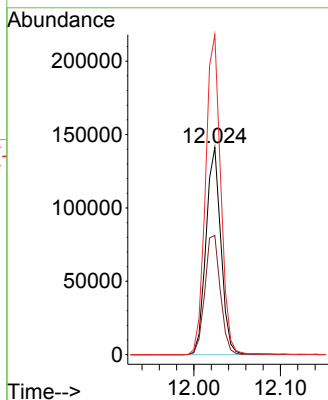
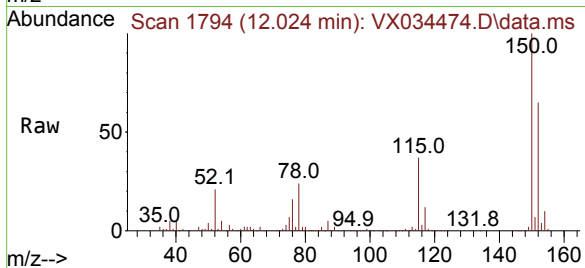




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX034474.D
 Acq: 14 Mar 2023 18:51

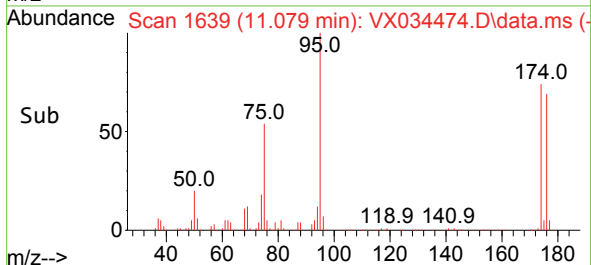
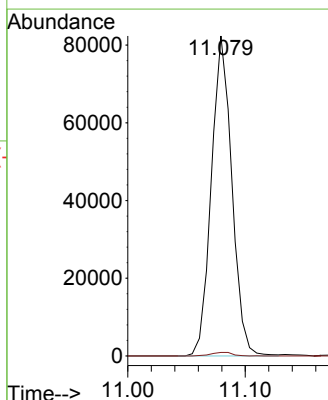
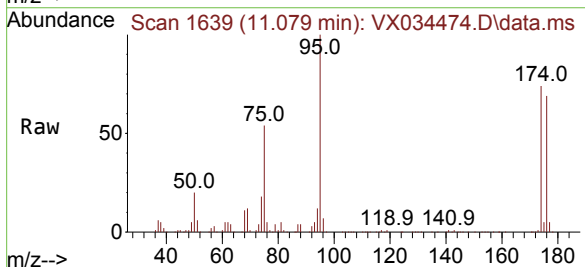
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

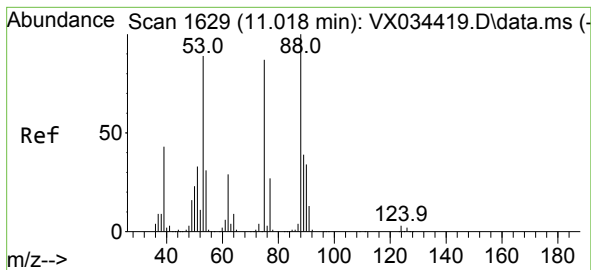
Tgt Ion:152 Resp: 169309
 Ion Ratio Lower Upper
 152 100
 115 59.9 45.0 135.0
 150 157.2 0.0 352.4



#76
 1,2,3-Trichloropropane
 Concen: 25.688 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX034474.D
 Acq: 14 Mar 2023 18:51

Tgt Ion: 75 Resp: 99863
 Ion Ratio Lower Upper
 75 100
 77 1.2 21.6 64.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 69.494 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX034474.D
 Acq: 14 Mar 2023 18:51

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Tgt Ion: 75 Resp: 99863
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.6 124.0#
 89 0.0 36.9 55.3#

