

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031423\
 Data File : VX034459.D
 Acq On : 14 Mar 2023 12:58
 Operator : JC/MD
 Sample : 01879-09DL 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE108D2-20230308DL

Quant Time: Mar 15 06:39:01 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)

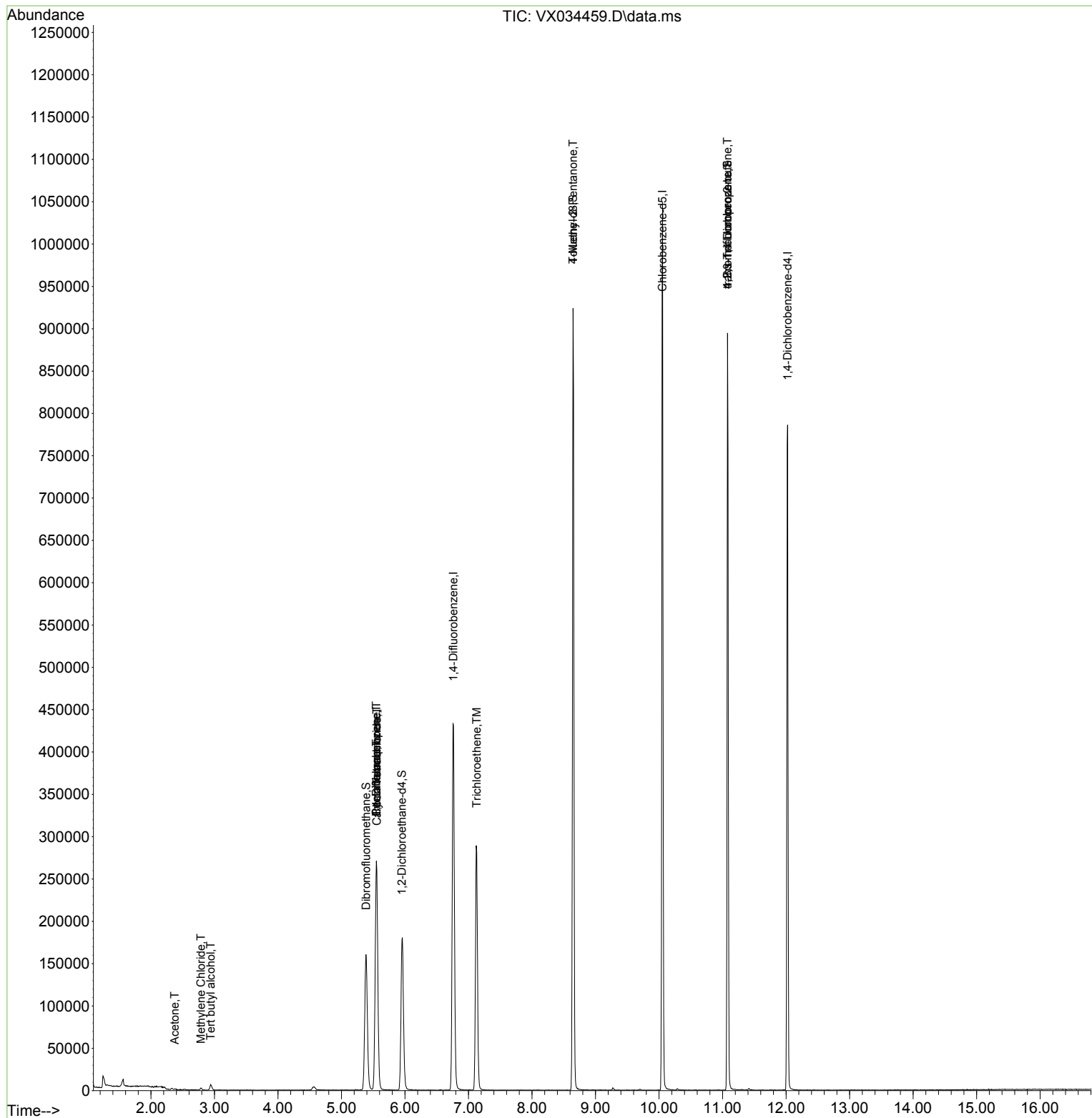
Internal Standards						
1) Pentafluorobenzene	5.550	168	257723	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	440802	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	436223	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	163442	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	170046	45.353	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.700%
35) Dibromofluoromethane	5.385	113	138998	47.759	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.520%
50) Toluene-d8	8.647	98	532948	49.053	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.100%
62) 4-Bromofluorobenzene	11.079	95	235407	53.642	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	107.280%
Target Compounds						
					Qvalue	
3) Chloromethane	1.313	50	292	Below Cal	#	42
11) Tert butyl alcohol	2.940	59	3972	5.087	ug/l #	73
16) Acetone	2.373	43	1037	0.587	ug/l	92
20) Methylene Chloride	2.788	84	993	0.290	ug/l #	79
31) Cyclohexane	5.550	56	6419	1.221	ug/l #	16
36) 1,1-Dichloropropene	5.550	75	20480	4.581	ug/l #	51
38) Carbon Tetrachloride	5.556	117	25804	5.803	ug/l #	16
44) Trichloroethene	7.129	130	111826	32.912	ug/l	97
51) 4-Methyl-2-Pentanone	8.647	43	2673	0.557	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	126424	33.688	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	126424	91.136	ug/l #	8

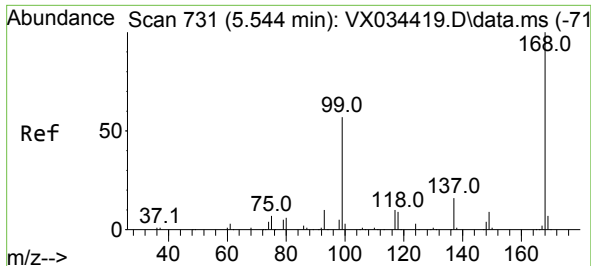
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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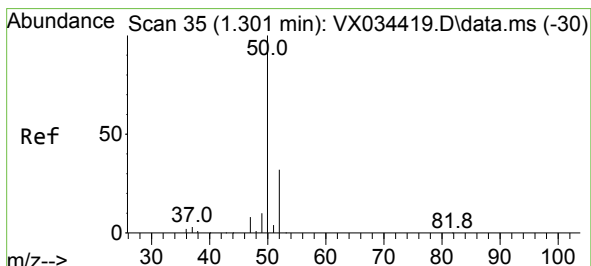
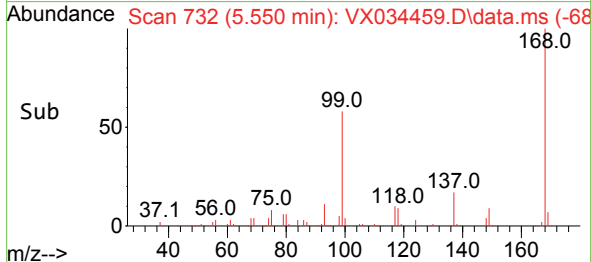
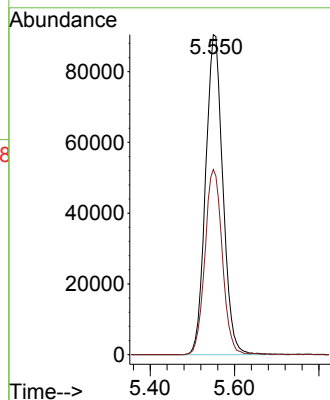
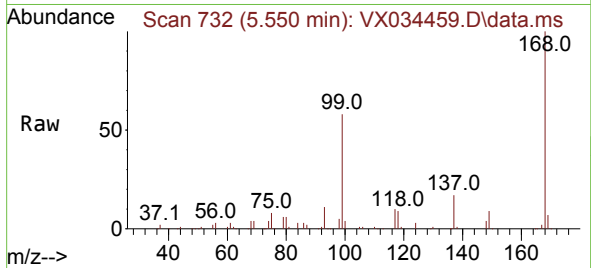




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034459.D
Acq: 14 Mar 2023 12:58

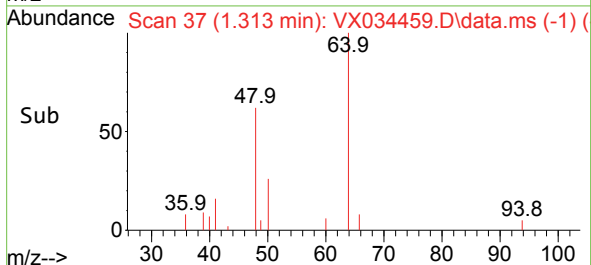
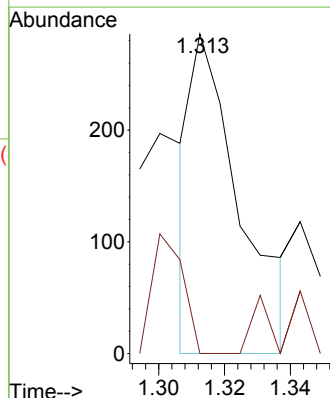
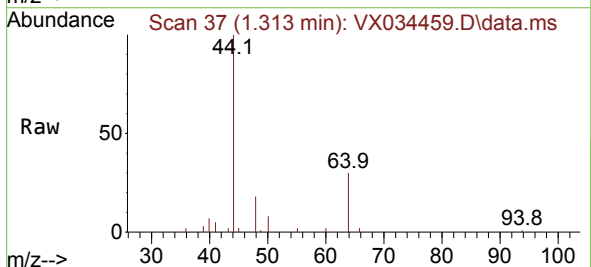
Instrument :
MSVOA_X
ClientSampleId :
RE108D2-20230308DL

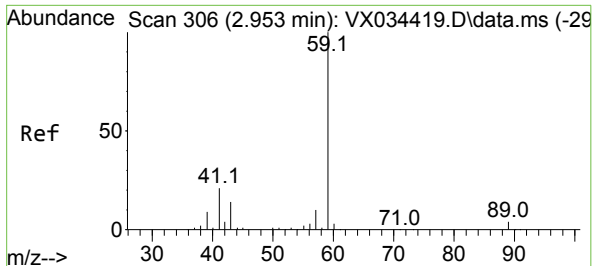
Tgt Ion:168 Resp: 257723
Ion Ratio Lower Upper
168 100
99 57.9 45.7 68.5



#3
Chloromethane
Concen: Below Cal
RT: 1.313 min Scan# 37
Delta R.T. 0.012 min
Lab File: VX034459.D
Acq: 14 Mar 2023 12:58

Tgt Ion: 50 Resp: 292
Ion Ratio Lower Upper
50 100
52 0.0 25.9 38.9#





#11

Tert butyl alcohol

Concen: 5.087 ug/l

RT: 2.940 min Scan# 306

Delta R.T. -0.012 min

Lab File: VX034459.D

Acq: 14 Mar 2023 12:58

Instrument :

MSVOA_X

ClientSampleId :

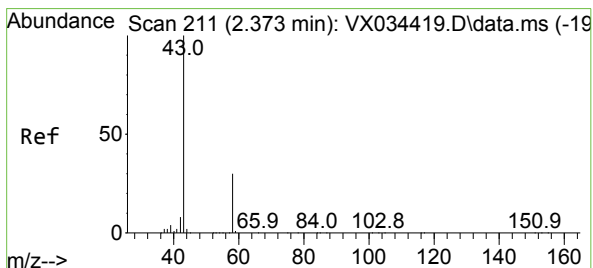
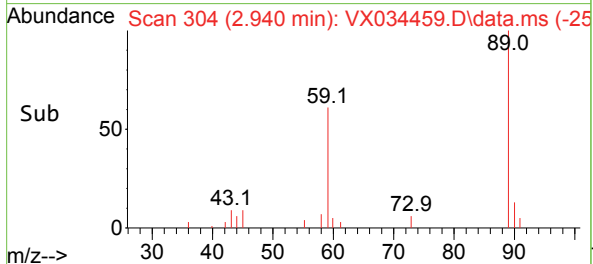
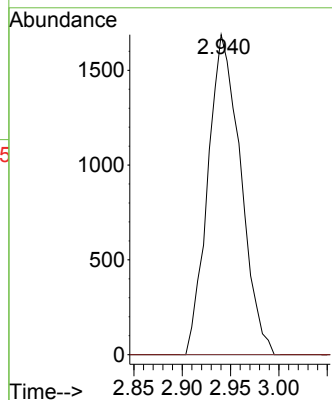
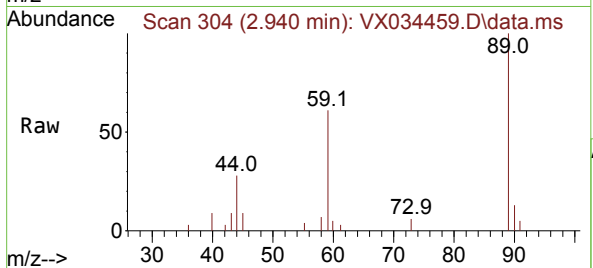
RE108D2-20230308DL

Tgt Ion: 59 Resp: 3972

Ion Ratio Lower Upper

59 100

57 0.0 8.1 12.1#



#16

Acetone

Concen: 0.587 ug/l

RT: 2.373 min Scan# 211

Delta R.T. -0.000 min

Lab File: VX034459.D

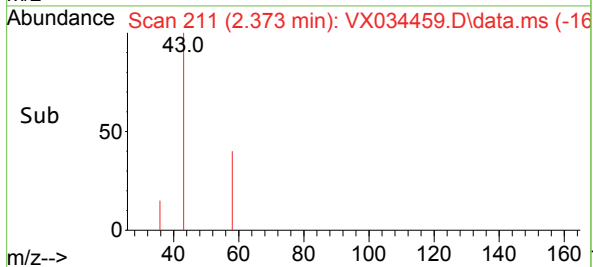
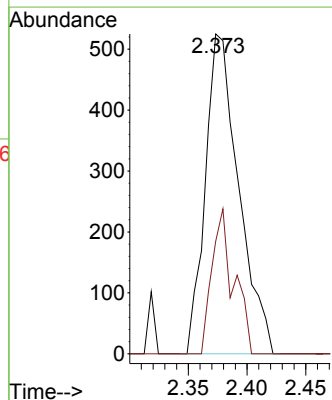
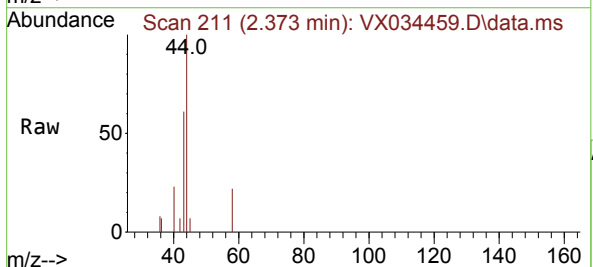
Acq: 14 Mar 2023 12:58

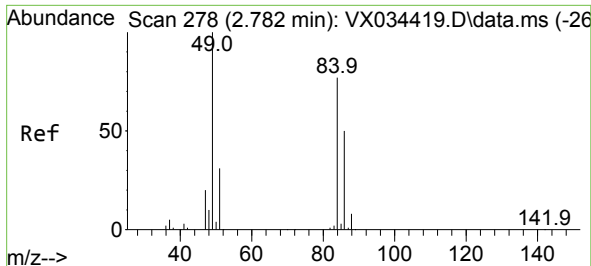
Tgt Ion: 43 Resp: 1037

Ion Ratio Lower Upper

43 100

58 35.2 24.7 37.1

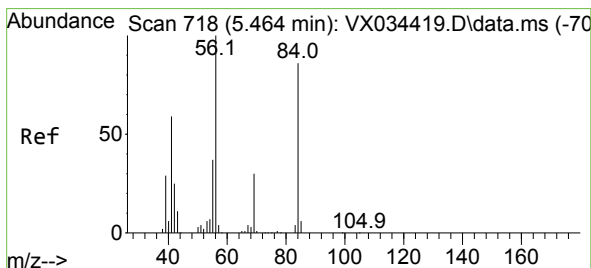
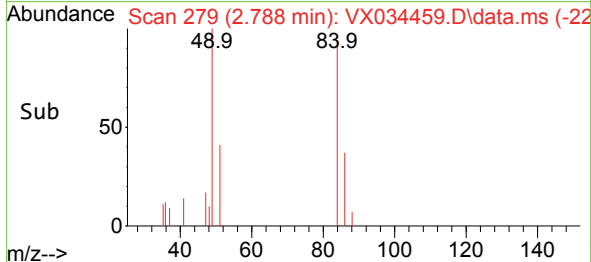
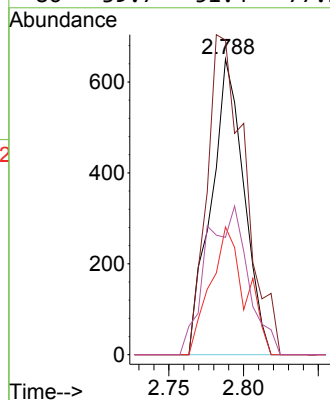
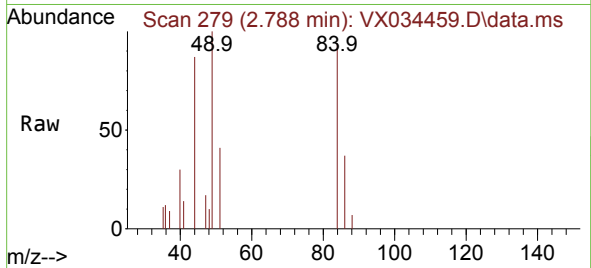




#20
Methylene Chloride
Concen: 0.290 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX034459.D
Acq: 14 Mar 2023 12:58

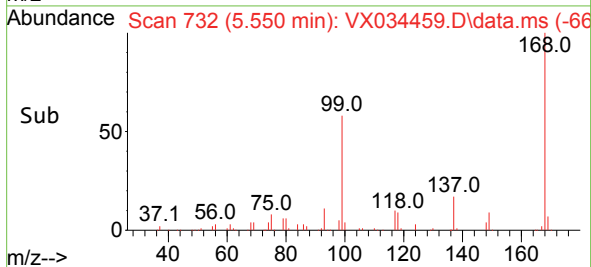
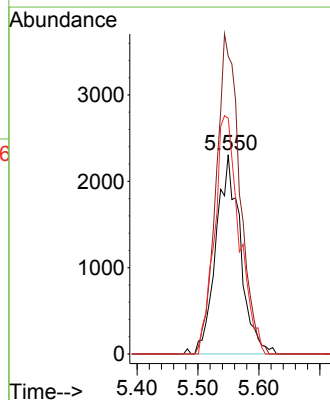
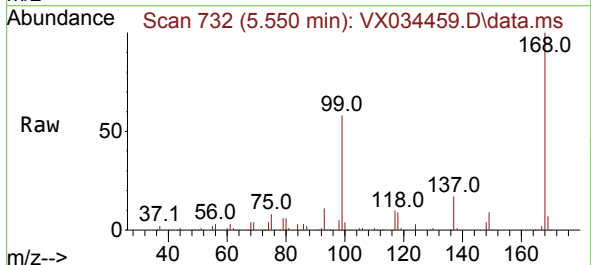
Instrument :
MSVOA_X
ClientSampleId :
RE108D2-20230308DL

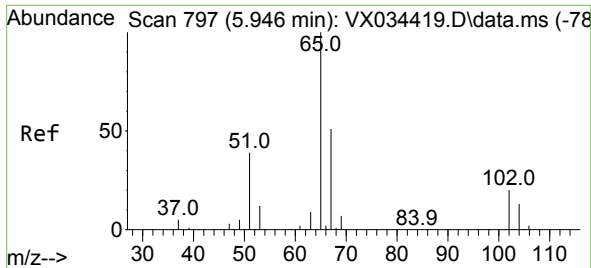
Tgt Ion:	84	Resp:	993
Ion	Ratio	Lower	Upper
84	100		
49	106.5	103.8	155.8
51	43.2	31.8	47.8
86	39.7	51.4	77.2



#31
Cyclohexane
Concen: 1.221 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.085 min
Lab File: VX034459.D
Acq: 14 Mar 2023 12:58

Tgt Ion:	56	Resp:	6419
Ion	Ratio	Lower	Upper
56	100		
69	149.5	23.7	35.5
84	118.4	68.5	102.7





#33

1,2-Dichloroethane-d4

Concen: 45.353 ug/l

RT: 5.952 min Scan# 797

Delta R.T. 0.006 min

Lab File: VX034459.D

Acq: 14 Mar 2023 12:58

Instrument :

MSVOA_X

ClientSampleId :

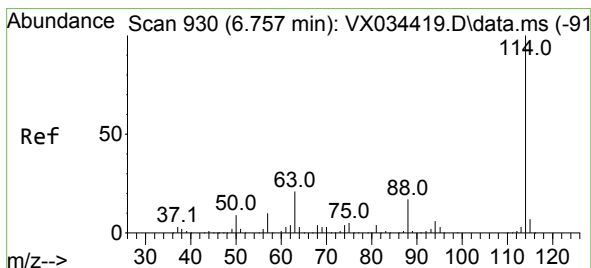
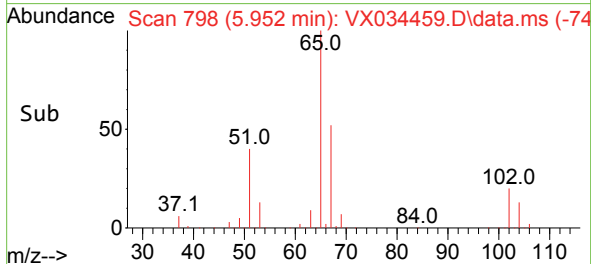
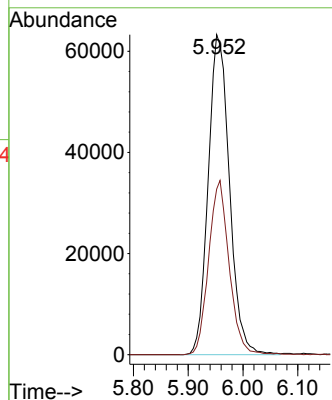
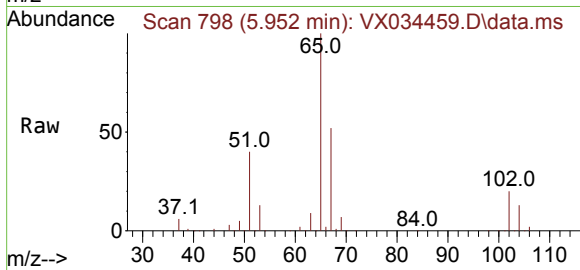
RE108D2-20230308DL

Tgt Ion: 65 Resp: 170046

Ion Ratio Lower Upper

65 100

67 52.7 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: VX034459.D

Acq: 14 Mar 2023 12:58

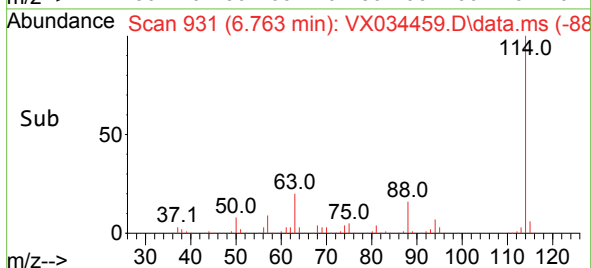
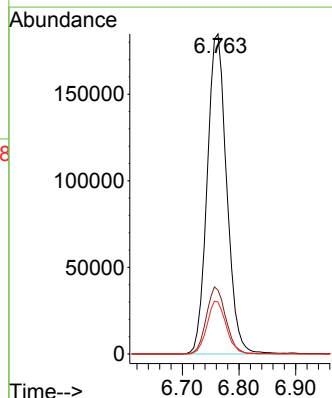
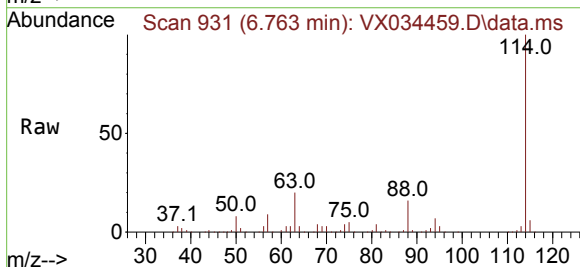
Tgt Ion: 114 Resp: 440802

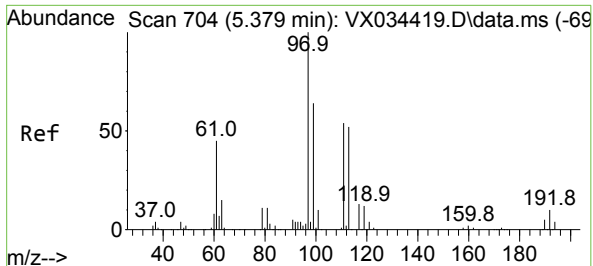
Ion Ratio Lower Upper

114 100

63 20.0 0.0 42.2

88 16.3 0.0 33.2

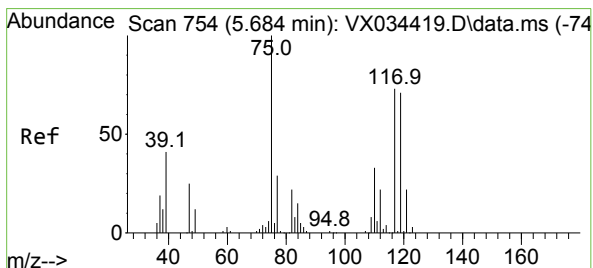
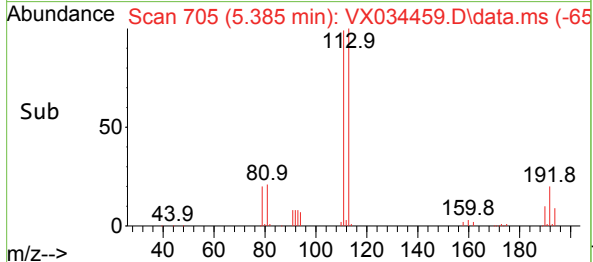
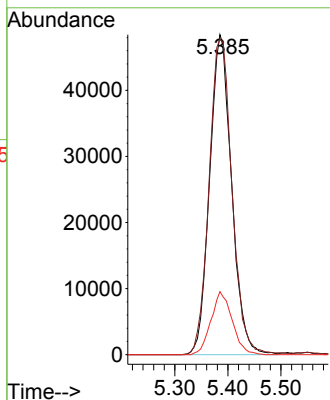
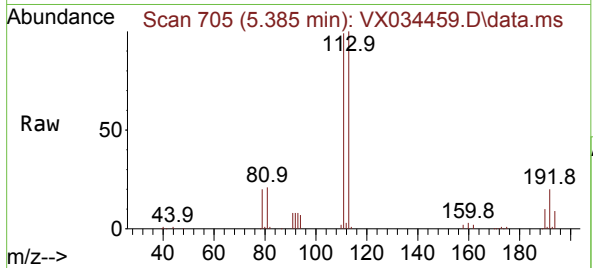




#35
Dibromofluoromethane
Concen: 47.759 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX034459.D
Acq: 14 Mar 2023 12:58

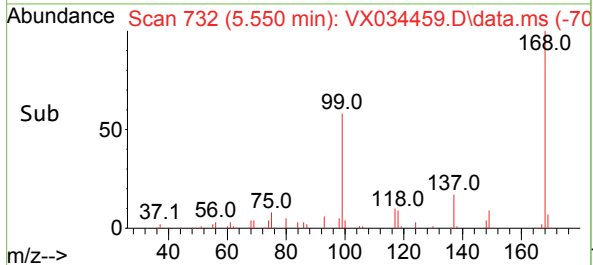
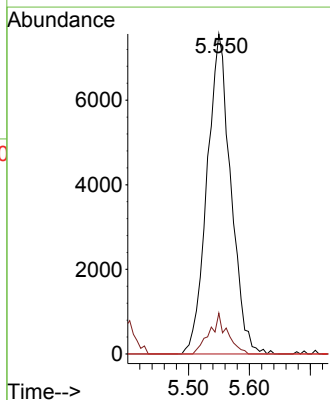
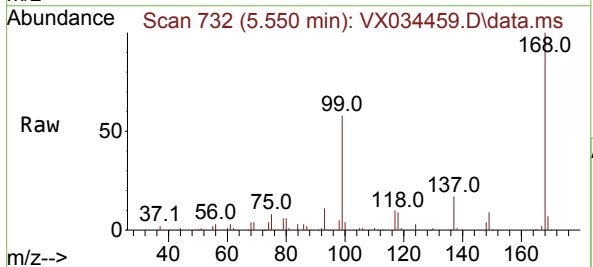
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RE108D2-20230308DL

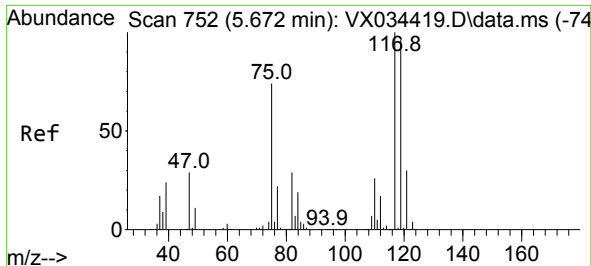
Tgt Ion:113 Resp: 138998
Ion Ratio Lower Upper
113 100
111 103.1 83.7 125.5
192 19.1 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.581 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX034459.D
Acq: 14 Mar 2023 12:58

Tgt Ion: 75 Resp: 20480
Ion Ratio Lower Upper
75 100
110 9.5 17.5 52.5#
77 0.0 24.3 36.5#





#38

Carbon Tetrachloride

Concen: 5.803 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.116 min

Lab File: VX034459.D

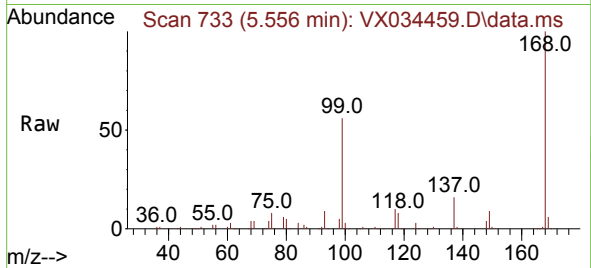
Acq: 14 Mar 2023 12:58

Instrument :

MSVOA_X

ClientSampleId :

RE108D2-20230308DL



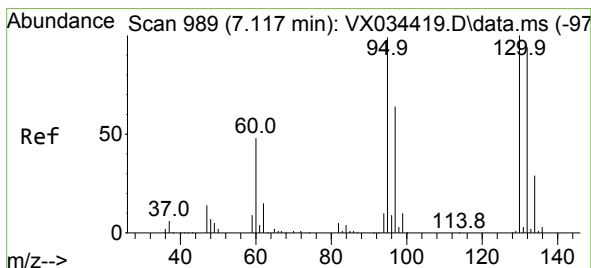
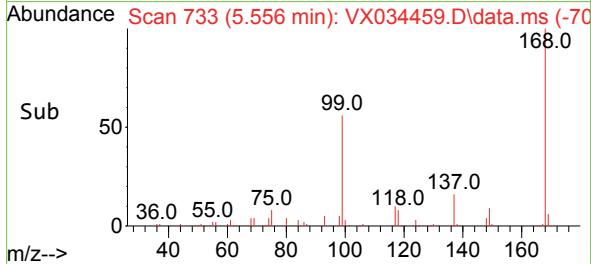
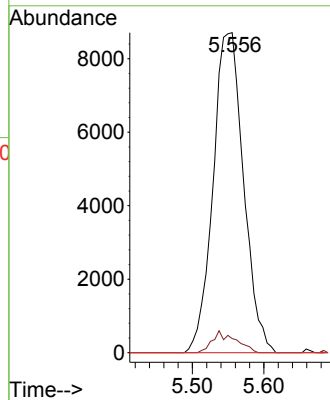
Tgt Ion:117 Resp: 25804

Ion Ratio Lower Upper

117 100

119 4.4 76.6 114.8#

121 0.0 23.8 35.6#



#44

Trichloroethene

Concen: 32.912 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.012 min

Lab File: VX034459.D

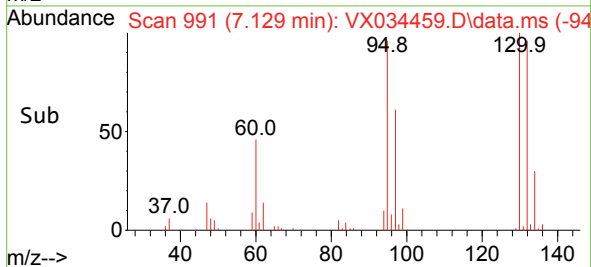
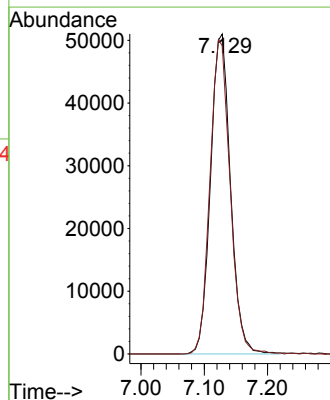
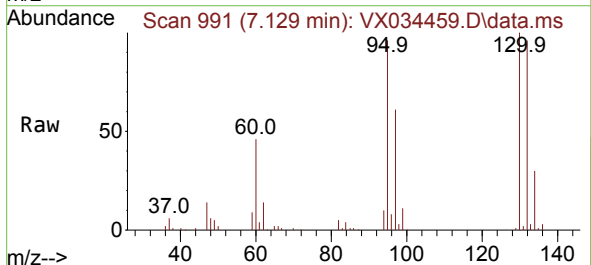
Acq: 14 Mar 2023 12:58

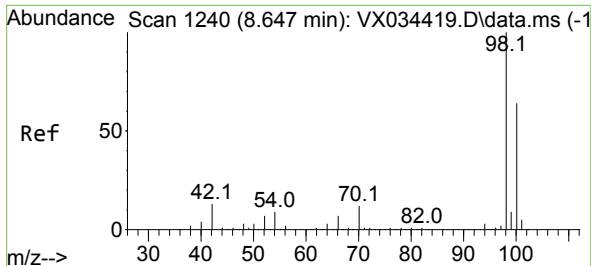
Tgt Ion:130 Resp: 111826

Ion Ratio Lower Upper

130 100

95 96.2 0.0 198.4

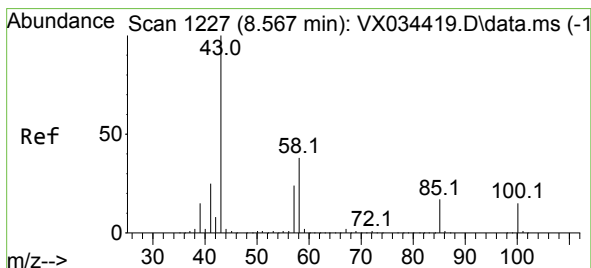
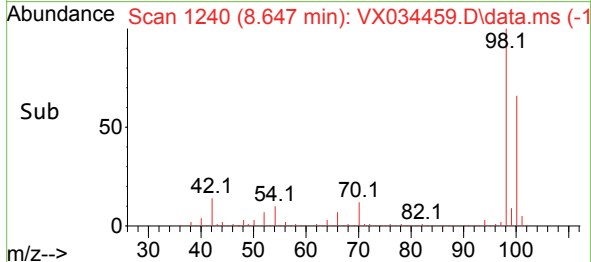
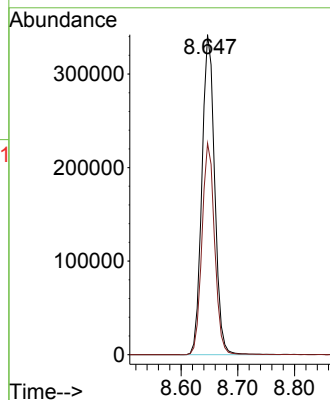
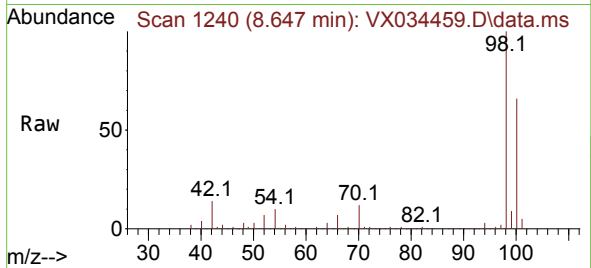




#50
Toluene-d8
Concen: 49.053 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034459.D
Acq: 14 Mar 2023 12:58

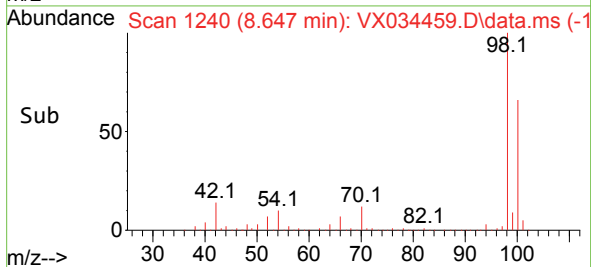
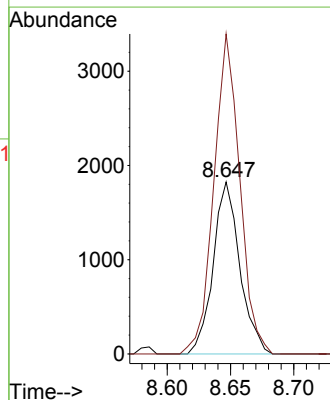
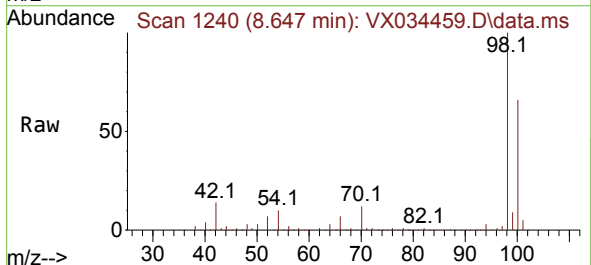
Instrument :
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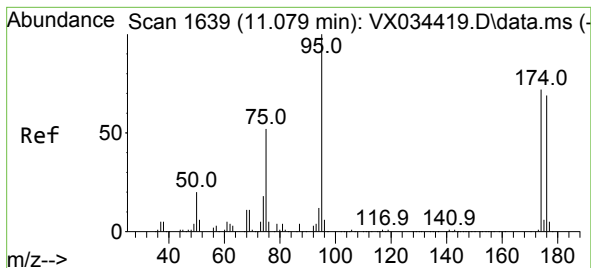
Tgt Ion: 98 Resp: 532948
Ion Ratio Lower Upper
98 100
100 65.7 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.557 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.079 min
Lab File: VX034459.D
Acq: 14 Mar 2023 12:58

Tgt Ion: 43 Resp: 2673
Ion Ratio Lower Upper
43 100
58 180.8 30.6 46.0#

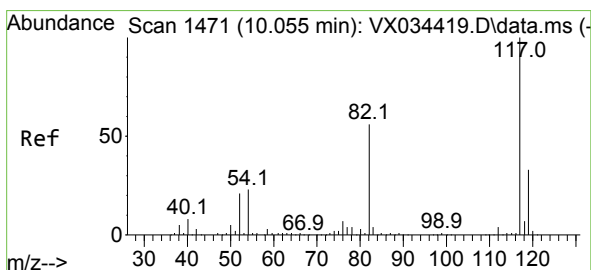
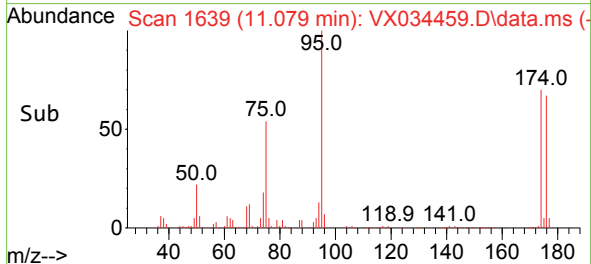
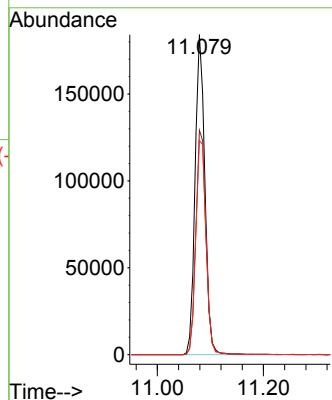
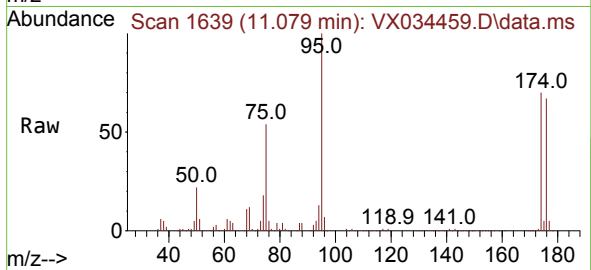




#62
4-Bromofluorobenzene
Concen: 53.642 ug/l
RT: 11.079 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034459.D
Acq: 14 Mar 2023 12:58

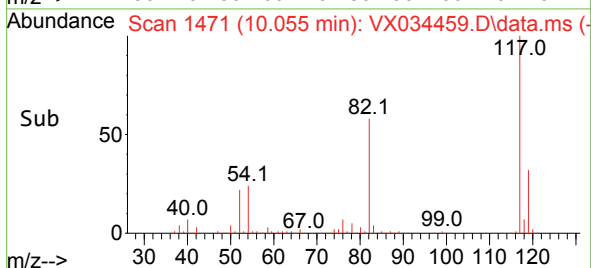
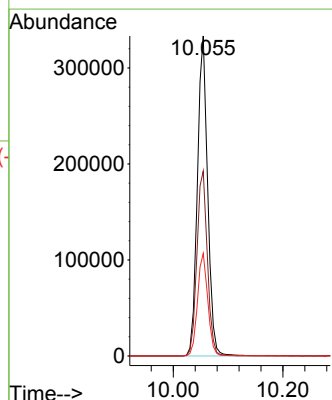
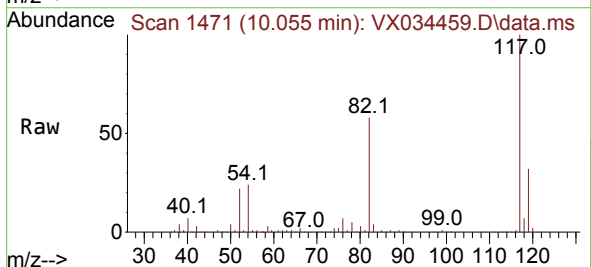
Instrument :
MSVOA_X
ClientSampleId :
RE108D2-20230308DL

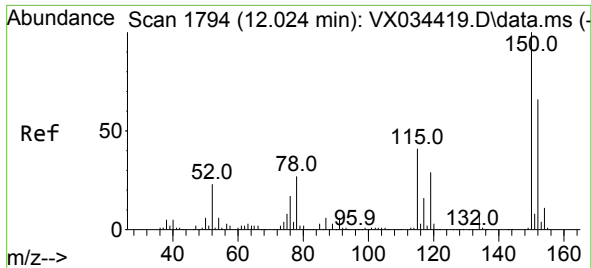
Tgt Ion: 95 Resp: 235407
Ion Ratio Lower Upper
95 100
174 71.8 0.0 147.4
176 70.7 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034459.D
Acq: 14 Mar 2023 12:58

Tgt Ion: 117 Resp: 436223
Ion Ratio Lower Upper
117 100
82 57.8 45.0 67.4
119 32.1 26.0 39.0

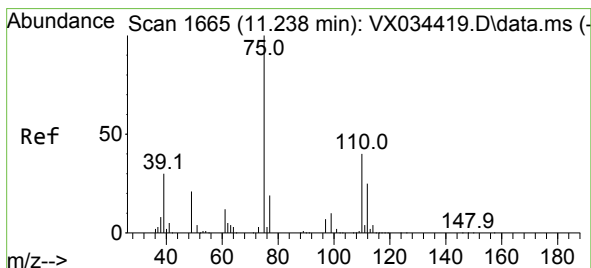
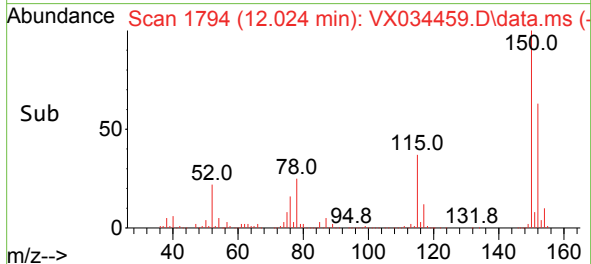
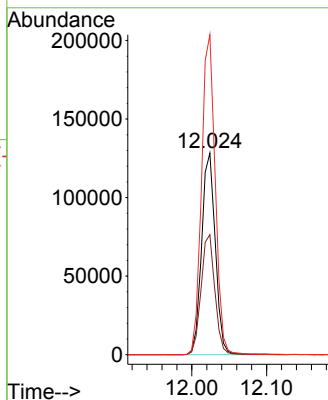
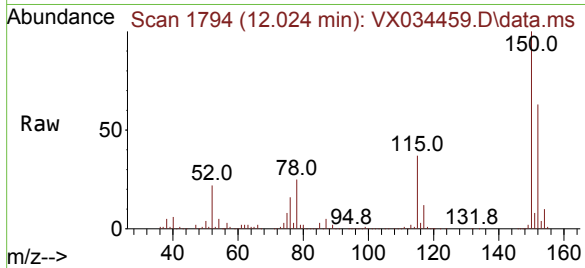




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034459.D
Acq: 14 Mar 2023 12:58

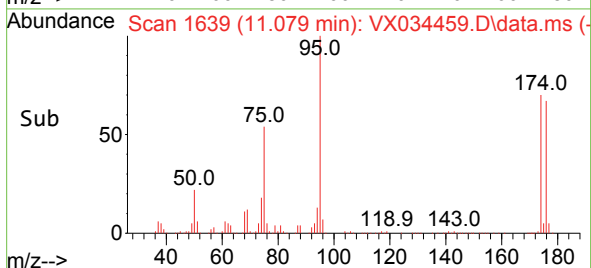
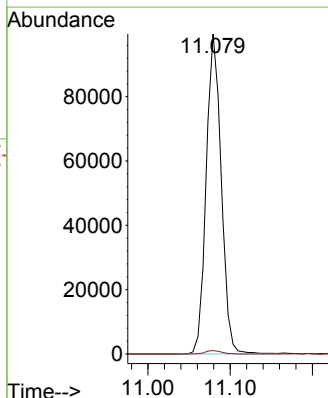
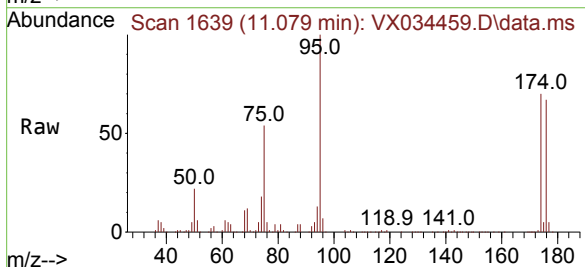
Instrument :
MSVOA_X
ClientSampleId :
RE108D2-20230308DL

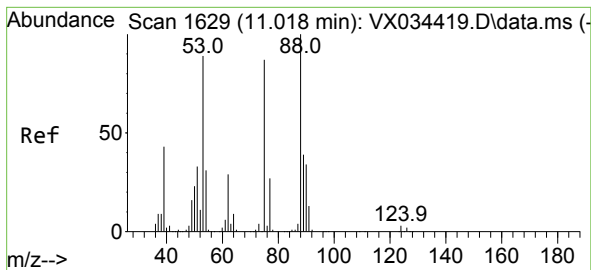
Tgt Ion:152 Resp: 163442
Ion Ratio Lower Upper
152 100
115 60.2 45.0 135.0
150 158.7 0.0 352.4



#76
1,2,3-Trichloropropane
Concen: 33.688 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX034459.D
Acq: 14 Mar 2023 12:58

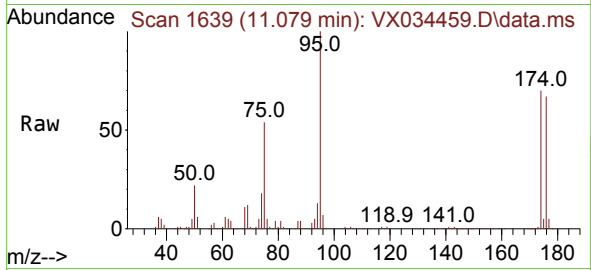
Tgt Ion: 75 Resp: 126424
Ion Ratio Lower Upper
75 100
77 1.1 21.6 64.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 91.136 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX034459.D
 Acq: 14 Mar 2023 12:58

Instrument :
 MSVOA_X
 ClientSampleId :
 RE108D2-20230308DL



Tgt Ion: 75 Resp: 126424
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.6 124.0#
 89 0.0 36.9 55.3#

