

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022024\
 Data File : VX040362.D
 Acq On : 20 Feb 2024 17:19
 Operator : JC/MD
 Sample : P1520-04 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE108D2-20240215

Quant Time: Feb 21 01:16:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 12 00:21:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	70582	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	125051	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	123041	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	64195	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	56294	53.611	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	107.220%
35) Dibromofluoromethane	5.391	113	41198	47.176	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.360%
50) Toluene-d8	8.647	98	154425	47.272	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.540%
62) 4-Bromofluorobenzene	11.079	95	60498	45.409	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.820%

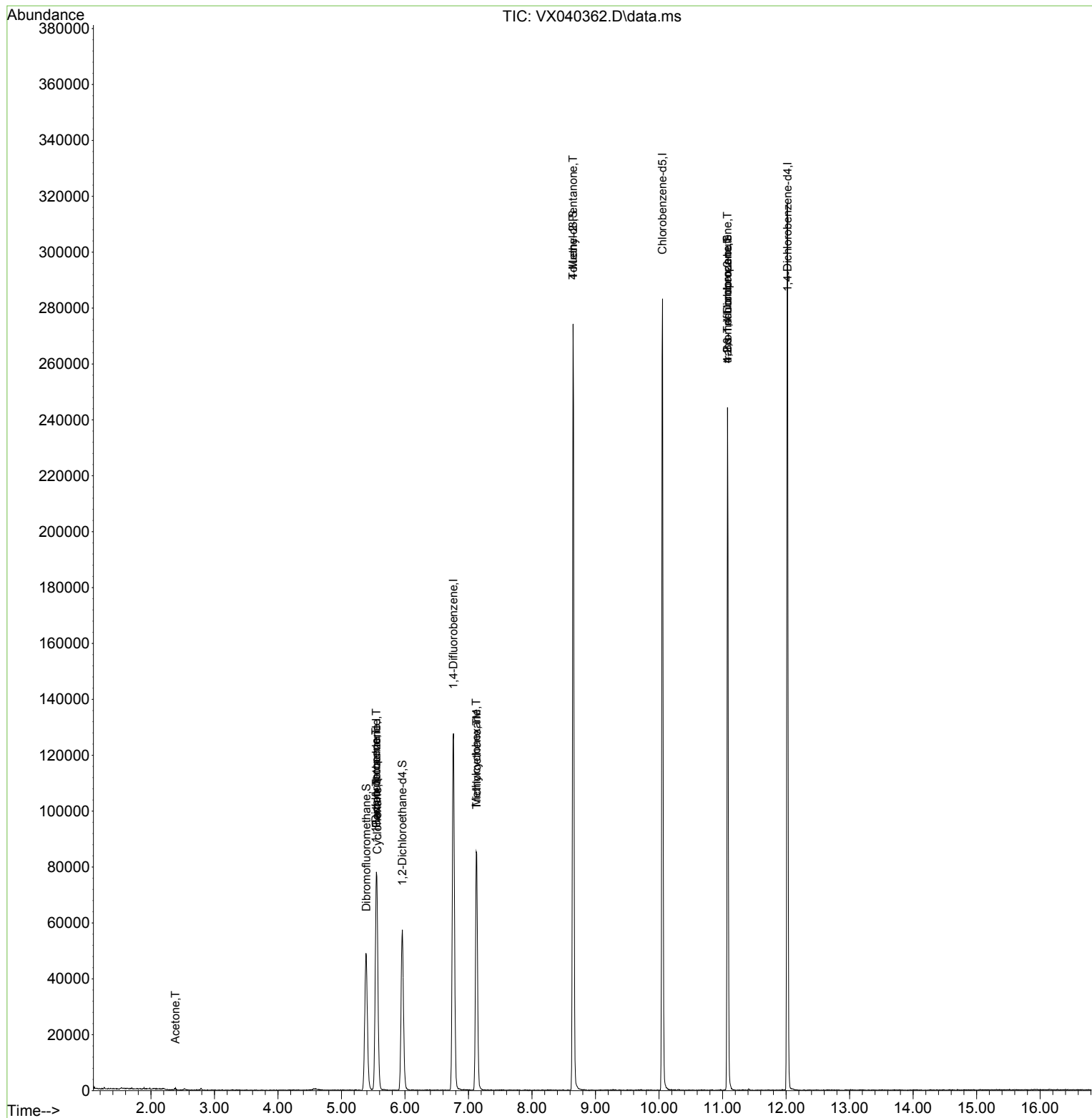
Target Compounds					Qvalue	
16) Acetone	2.386	43	755	1.751	ug/l #	88
20) Methylene Chloride	2.788	84	218	Below Cal	#	60
31) Cyclohexane	5.562	56	1990	1.589	ug/l #	40
36) 1,1-Dichloropropene	5.544	75	6388	5.222	ug/l #	51
38) Carbon Tetrachloride	5.550	117	7786	6.694	ug/l #	14
39) Methylcyclohexane	7.123	83	412	0.290	ug/l #	1
44) Trichloroethene	7.129	130	31828	33.729	ug/l	98
51) 4-Methyl-2-Pentanone	8.647	43	786	0.542	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	33946	26.113	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	33946	71.672	ug/l #	5

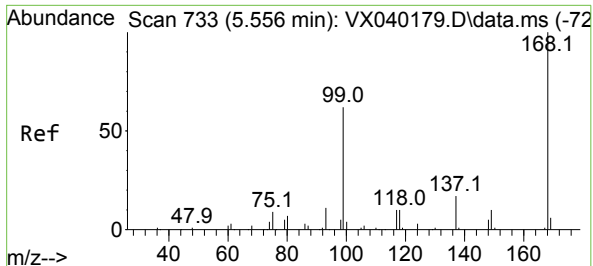
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022024\
Data File : VX040362.D
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RE108D2-20240215

Quant Time: Feb 21 01:16:35 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
Quant Title : SW846 8260
QLast Update : Mon Feb 12 00:21:14 2024
Response via : Initial Calibration

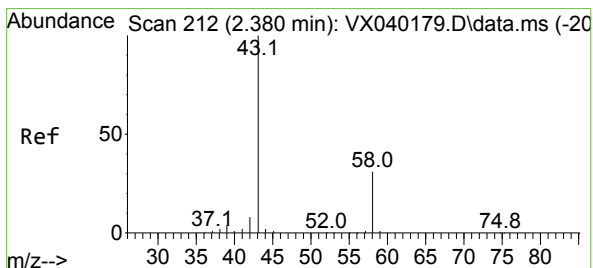
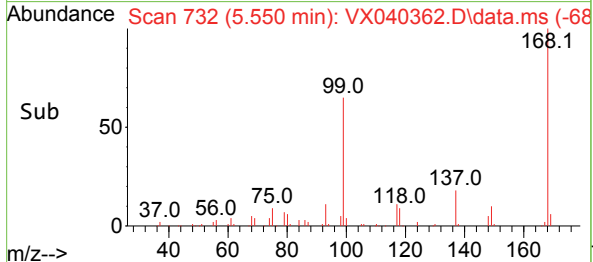
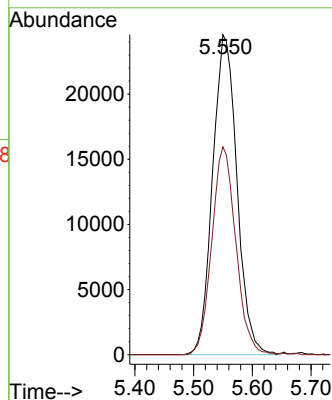
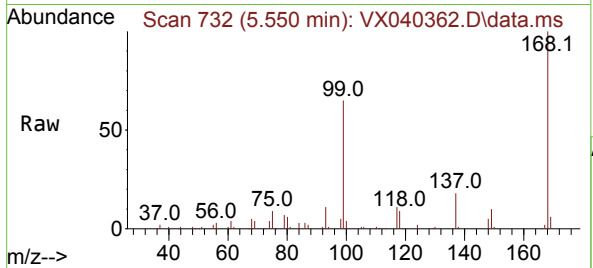




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX040362.D
Acq: 20 Feb 2024 17:19

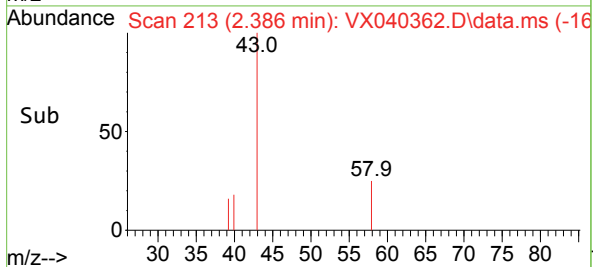
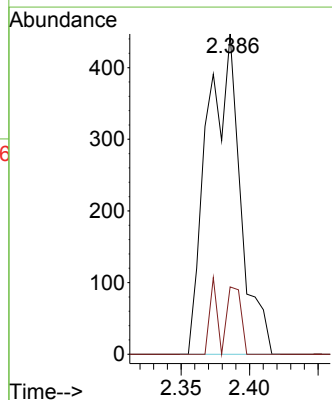
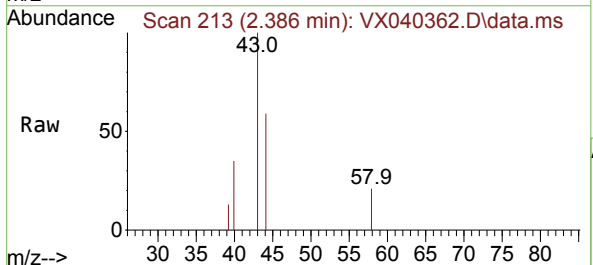
Instrument :
MSVOA_X
ClientSampleId :
RE108D2-20240215

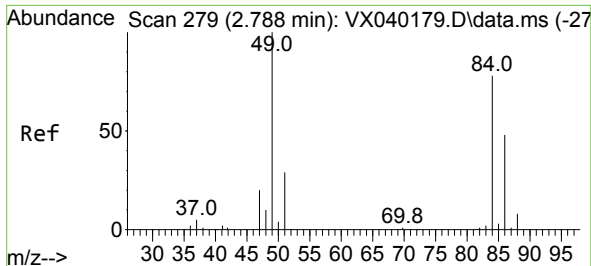
Tgt Ion:168 Resp: 70582
Ion Ratio Lower Upper
168 100
99 64.9 56.6 85.0



#16
Acetone
Concen: 1.751 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX040362.D
Acq: 20 Feb 2024 17:19

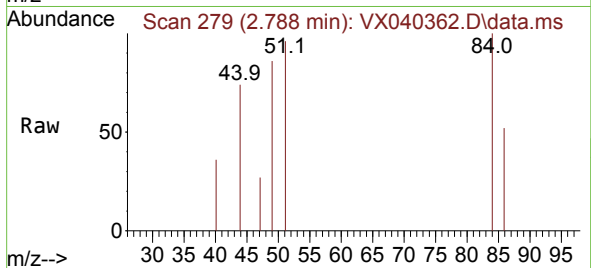
Tgt Ion: 43 Resp: 755
Ion Ratio Lower Upper
43 100
58 21.0 21.9 32.9#



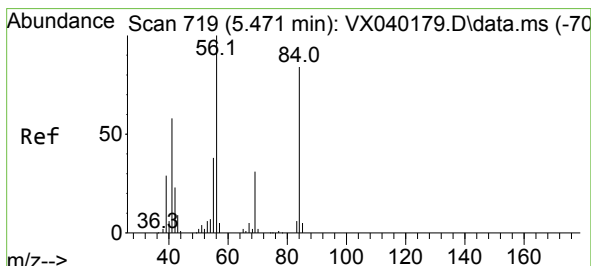
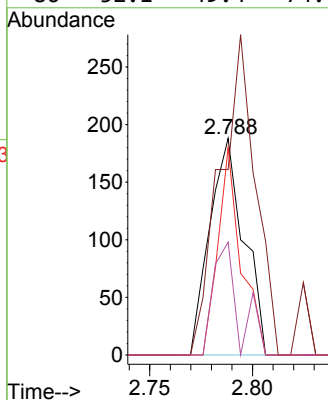
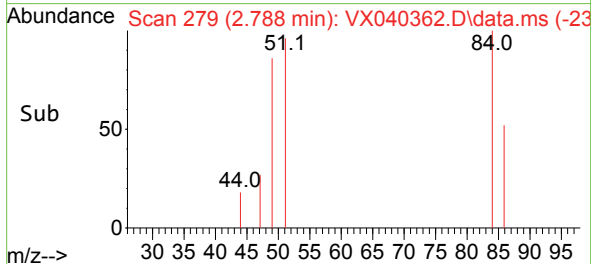


#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX040362.D
Acq: 20 Feb 2024 17:19

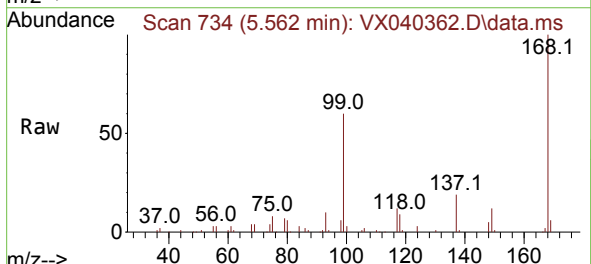
Instrument :
MSVOA_X
ClientSampleId :
RE108D2-20240215



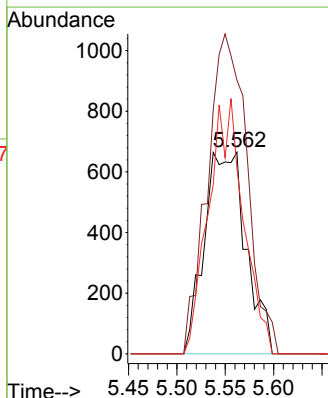
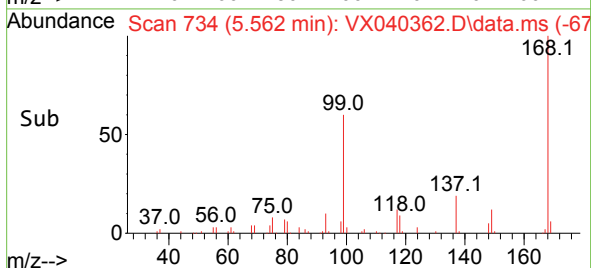
Tgt Ion:	84	Resp:	218
Ion	Ratio	Lower	Upper
84	100		
49	85.6	103.6	155.4#
51	95.7	33.8	50.6#
86	52.1	49.4	74.0

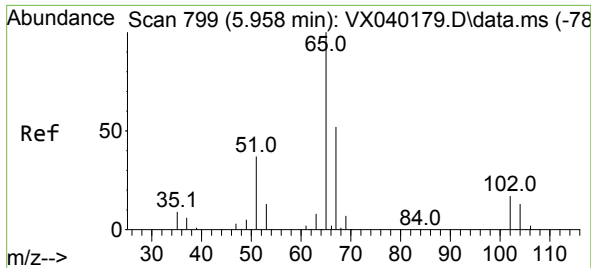


#31
Cyclohexane
Concen: 1.589 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.092 min
Lab File: VX040362.D
Acq: 20 Feb 2024 17:19



Tgt Ion:	56	Resp:	1990
Ion	Ratio	Lower	Upper
56	100		
69	135.8	23.4	35.2#
84	92.3	65.9	98.9

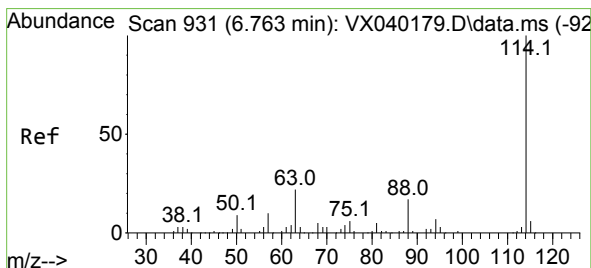
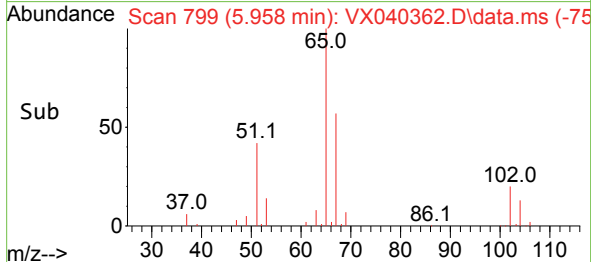
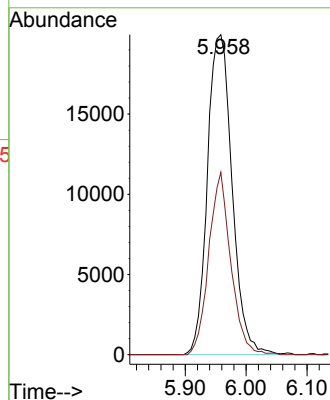
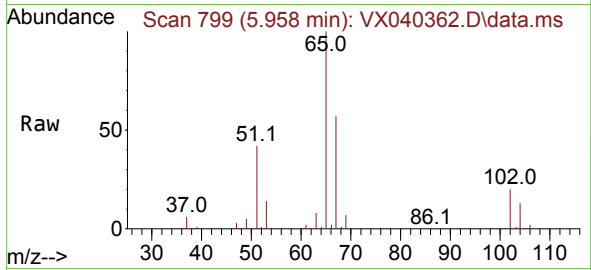




#33
 1,2-Dichloroethane-d4
 Concen: 53.611 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX040362.D
 Acq: 20 Feb 2024 17:19

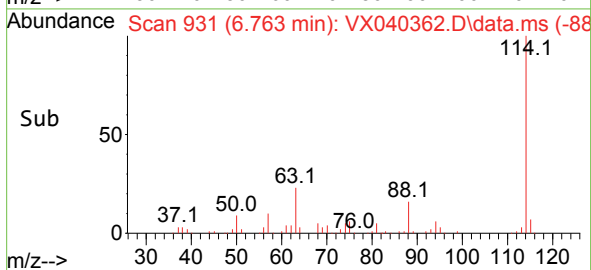
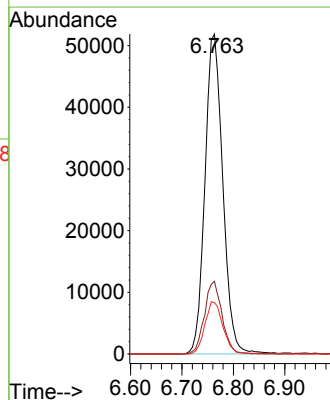
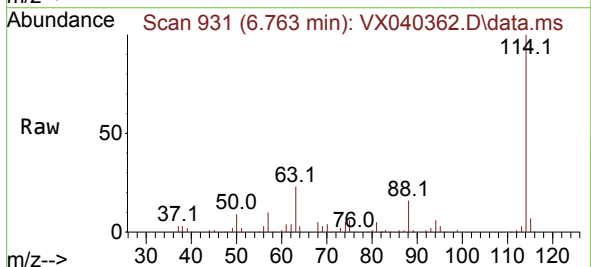
Instrument :
 MSVOA_X
 ClientSampleId :
 RE108D2-20240215

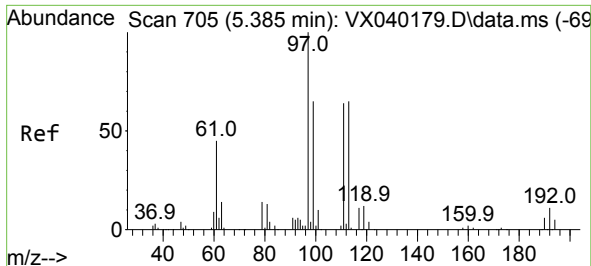
Tgt Ion: 65 Resp: 56294
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX040362.D
 Acq: 20 Feb 2024 17:19

Tgt Ion: 114 Resp: 125051
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 45.0
 88 16.1 0.0 36.6

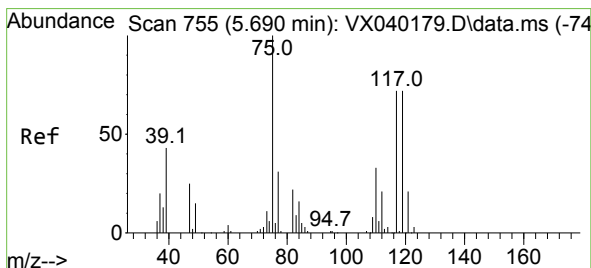
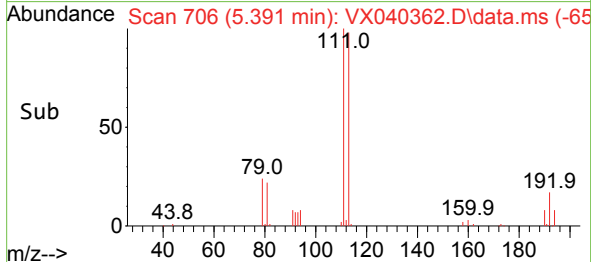
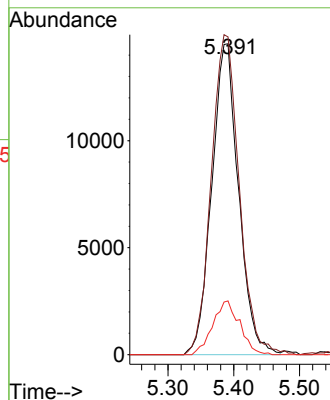
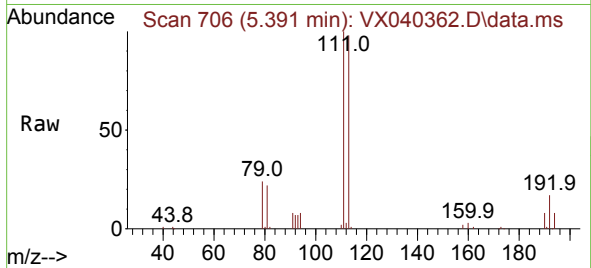




#35
Dibromofluoromethane
Concen: 47.176 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX040362.D
Acq: 20 Feb 2024 17:19

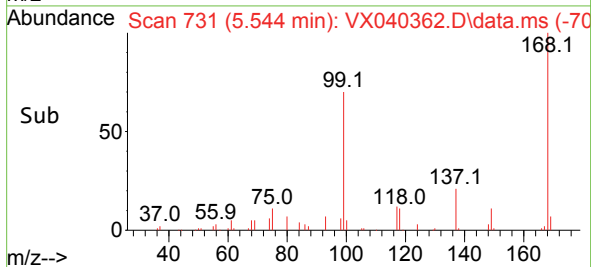
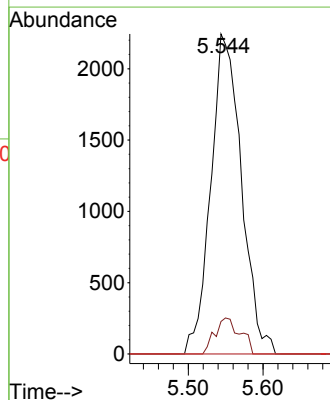
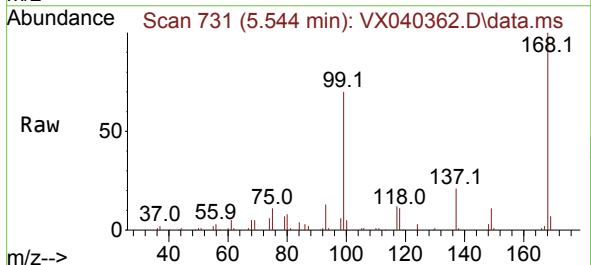
Instrument :
MSVOA_X
ClientSampleId :
RE108D2-20240215

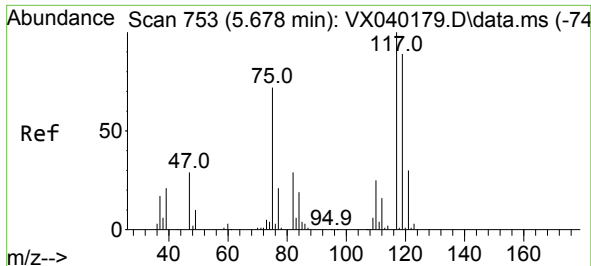
Tgt Ion:113 Resp: 41198
Ion Ratio Lower Upper
113 100
111 107.1 82.9 124.3
192 17.4 13.3 19.9



#36
1,1-Dichloropropene
Concen: 5.222 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.152 min
Lab File: VX040362.D
Acq: 20 Feb 2024 17:19

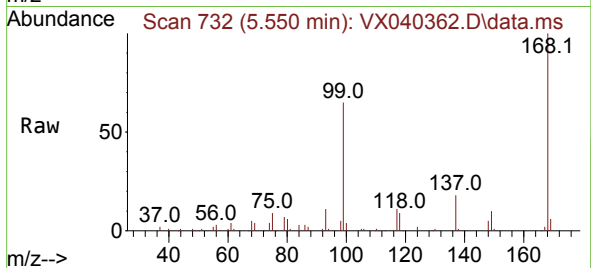
Tgt Ion: 75 Resp: 6388
Ion Ratio Lower Upper
75 100
110 9.3 17.0 50.9#
77 0.0 24.7 37.1#



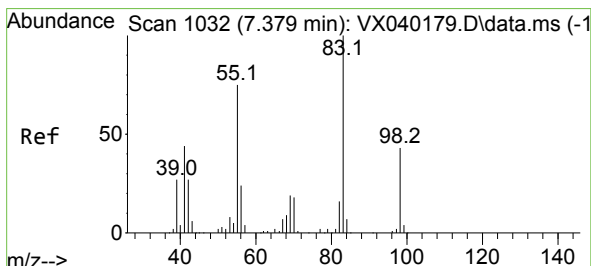
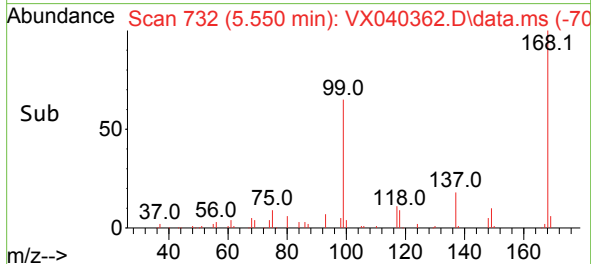
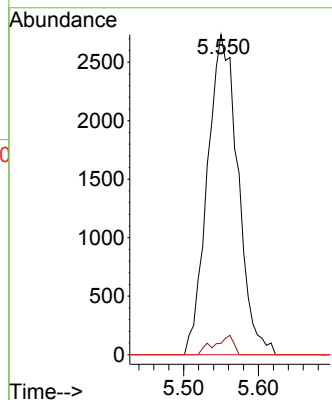


#38
Carbon Tetrachloride
Concen: 6.694 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX040362.D
Acq: 20 Feb 2024 17:19

Instrument :
MSVOA_X
ClientSampleId :
RE108D2-20240215

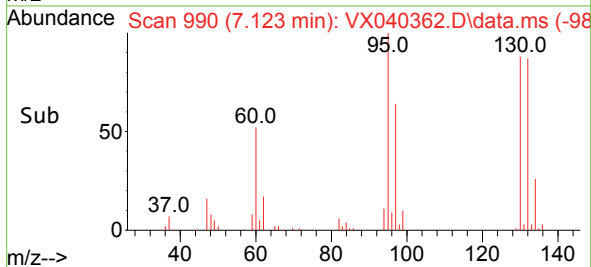
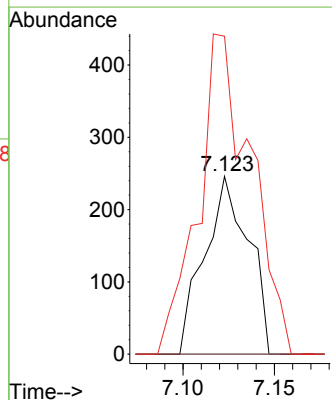
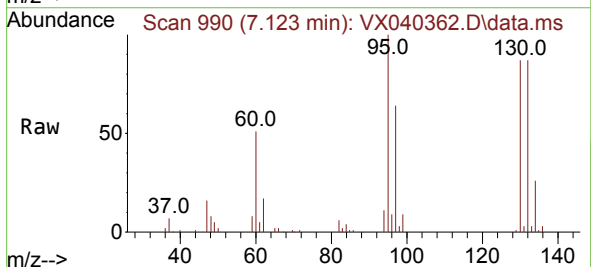


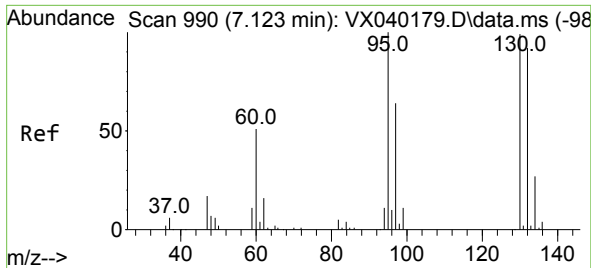
Tgt Ion:117 Resp: 7786
Ion Ratio Lower Upper
117 100
119 3.5 78.2 117.2#
121 0.0 24.4 36.6#



#39
Methylcyclohexane
Concen: 0.290 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.256 min
Lab File: VX040362.D
Acq: 20 Feb 2024 17:19

Tgt Ion: 83 Resp: 412
Ion Ratio Lower Upper
83 100
55 0.0 64.6 97.0#
98 148.4 36.7 55.1#

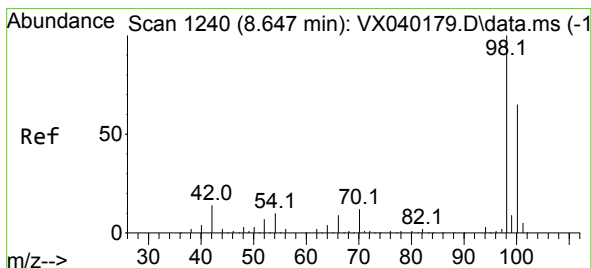
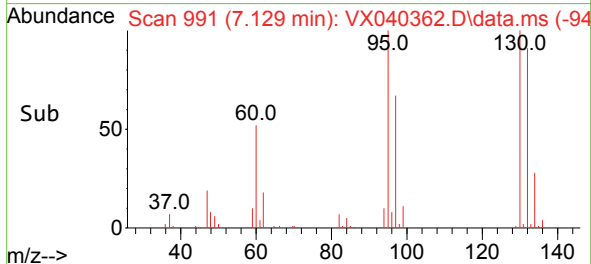
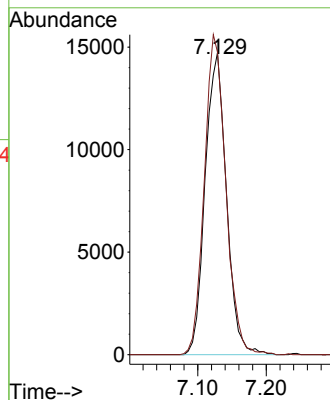
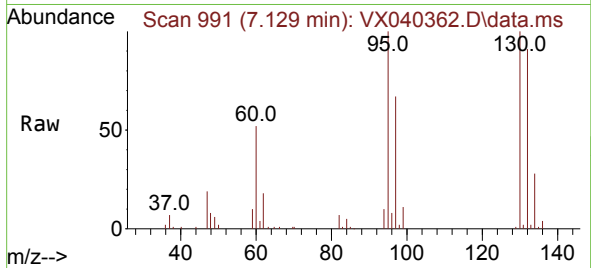




#44
Trichloroethene
Concen: 33.729 ug/l
RT: 7.129 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX040362.D
Acq: 20 Feb 2024 17:19

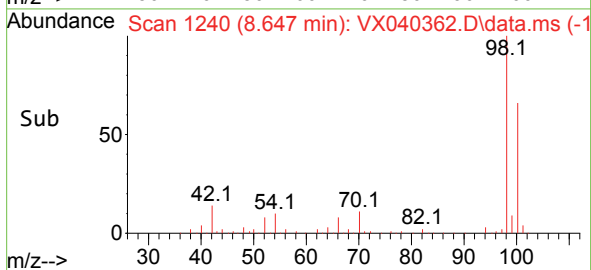
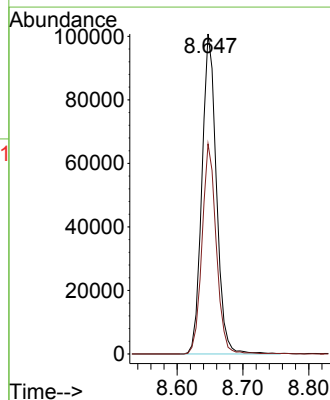
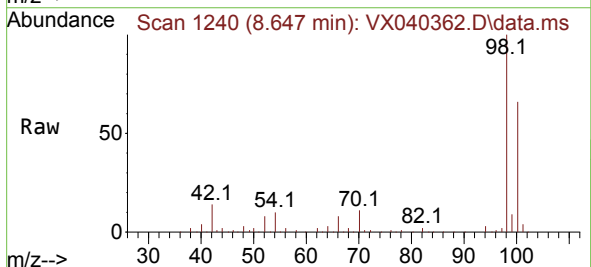
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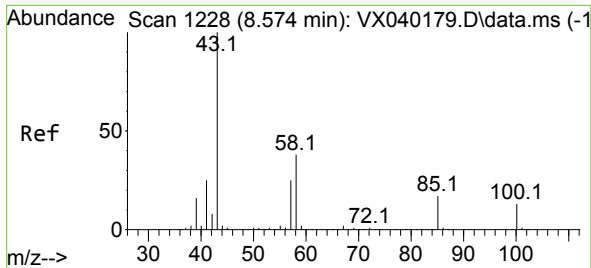
Tgt Ion:130 Resp: 31828
Ion Ratio Lower Upper
130 100
95 100.2 0.0 204.4



#50
Toluene-d8
Concen: 47.272 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX040362.D
Acq: 20 Feb 2024 17:19

Tgt Ion: 98 Resp: 154425
Ion Ratio Lower Upper
98 100
100 64.3 53.1 79.7

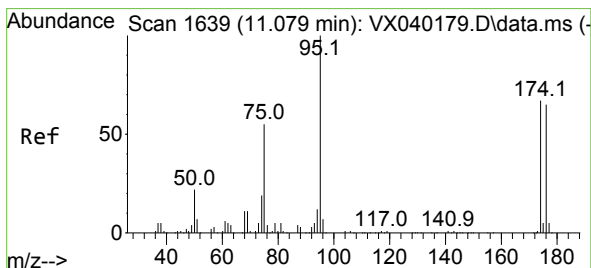
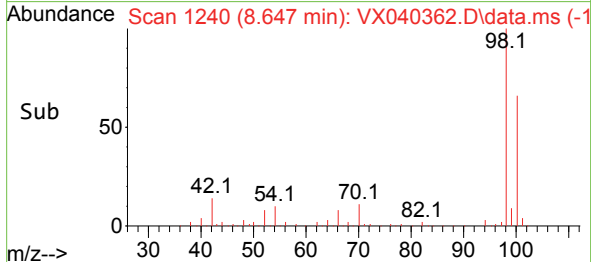
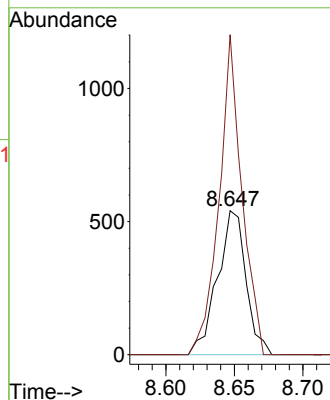
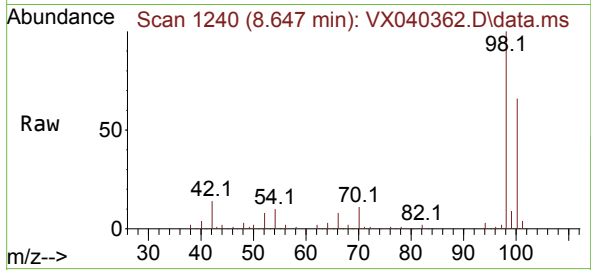




#51
4-Methyl-2-Pentanone
Concen: 0.542 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX040362.D
Acq: 20 Feb 2024 17:19

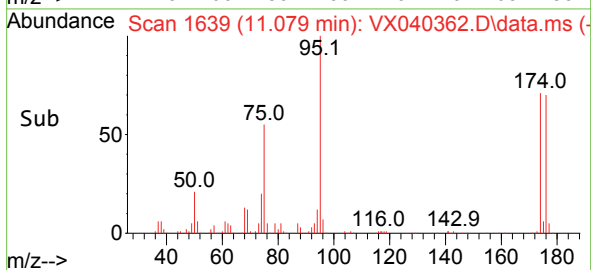
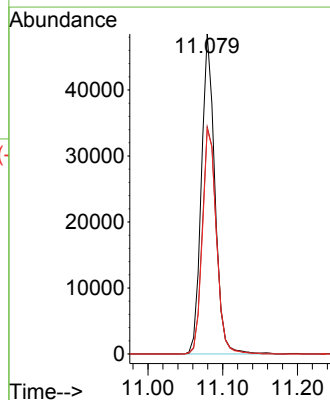
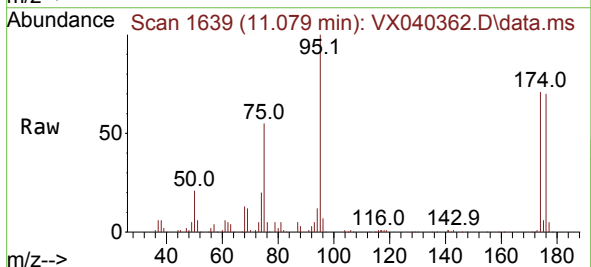
Instrument :
MSVOA_X
ClientSampleId :
RE108D2-20240215

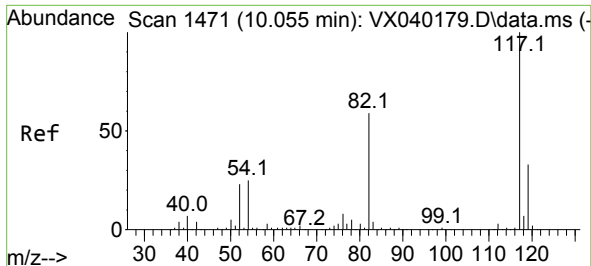
Tgt Ion: 43 Resp: 786
Ion Ratio Lower Upper
43 100
58 177.4 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 45.409 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040362.D
Acq: 20 Feb 2024 17:19

Tgt Ion: 95 Resp: 60498
Ion Ratio Lower Upper
95 100
174 74.7 0.0 135.6
176 73.3 0.0 131.0

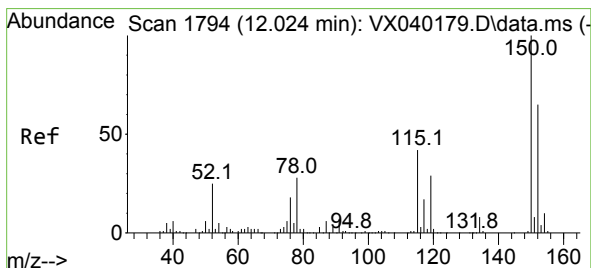
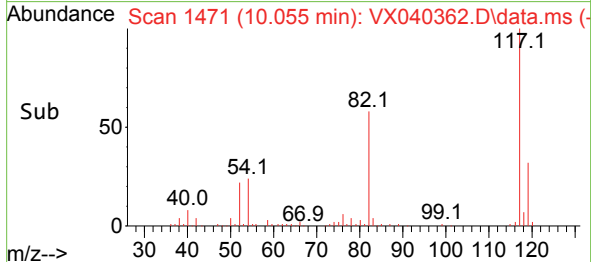
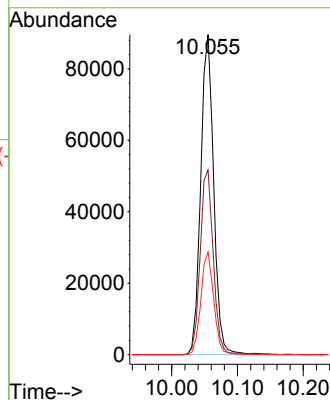
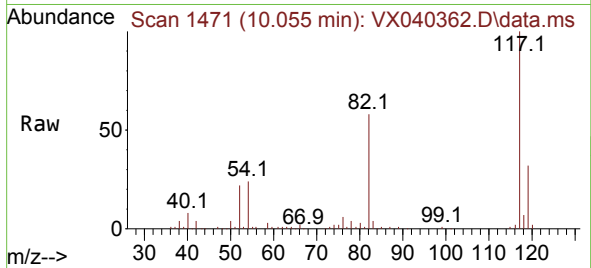




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040362.D
Acq: 20 Feb 2024 17:19

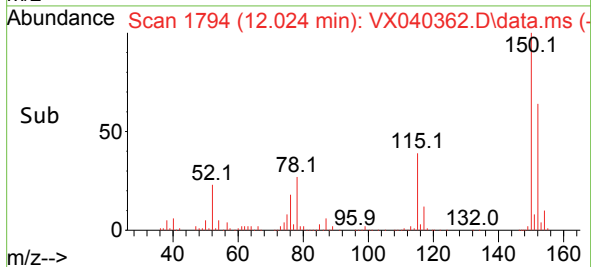
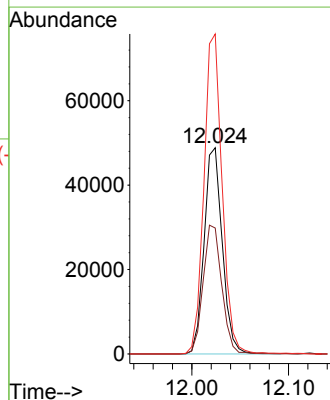
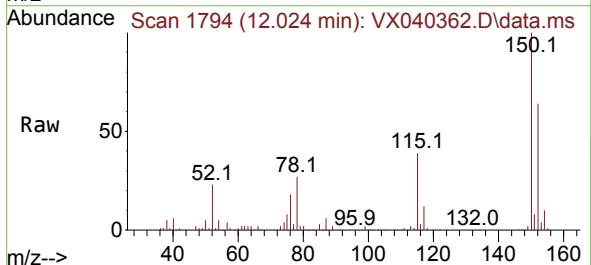
Instrument :
MSVOA_X
ClientSampleId :
RE108D2-20240215

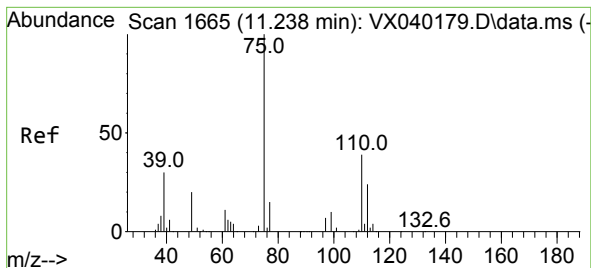
Tgt Ion:117 Resp: 123041
Ion Ratio Lower Upper
117 100
82 57.7 46.2 69.4
119 32.0 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX040362.D
Acq: 20 Feb 2024 17:19

Tgt Ion:152 Resp: 64195
Ion Ratio Lower Upper
152 100
115 64.0 43.3 129.9
150 155.1 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 26.113 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX040362.D

Acq: 20 Feb 2024 17:19

Instrument :

MSVOA_X

ClientSampleId :

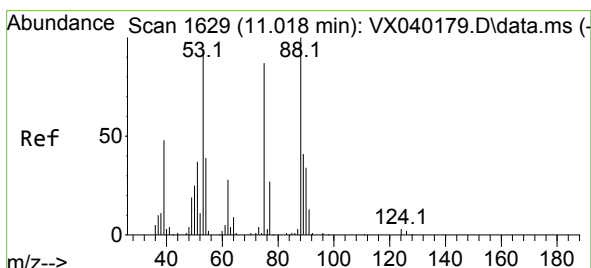
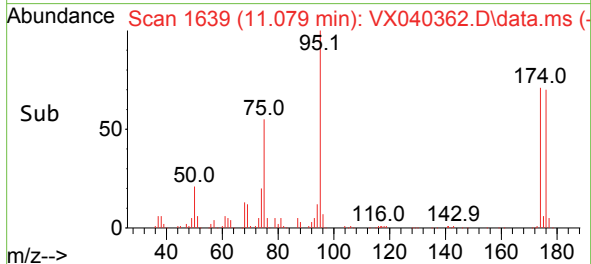
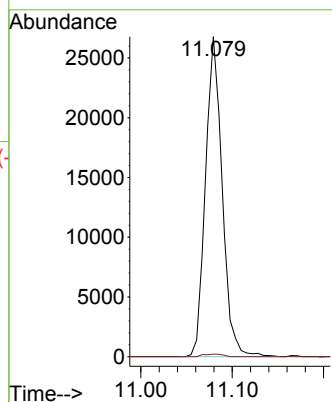
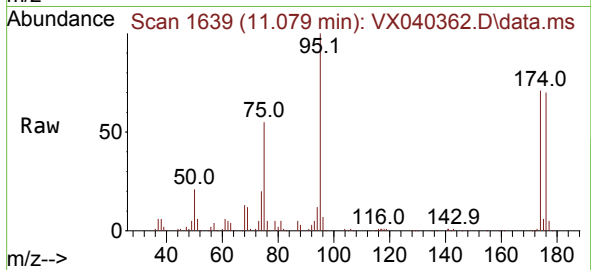
RE108D2-20240215

Tgt Ion: 75 Resp: 33946

Ion Ratio Lower Upper

75 100

77 0.9 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 71.672 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX040362.D

Acq: 20 Feb 2024 17:19

Tgt Ion: 75 Resp: 33946

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

