

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042523\
 Data File : VX035295.D
 Acq On : 25 Apr 2023 19:42
 Operator : JC/MD
 Sample : 02423-17
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EB-1

Quant Time: Apr 26 01:45:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:31:40 2023
 Response via : Initial Calibration

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

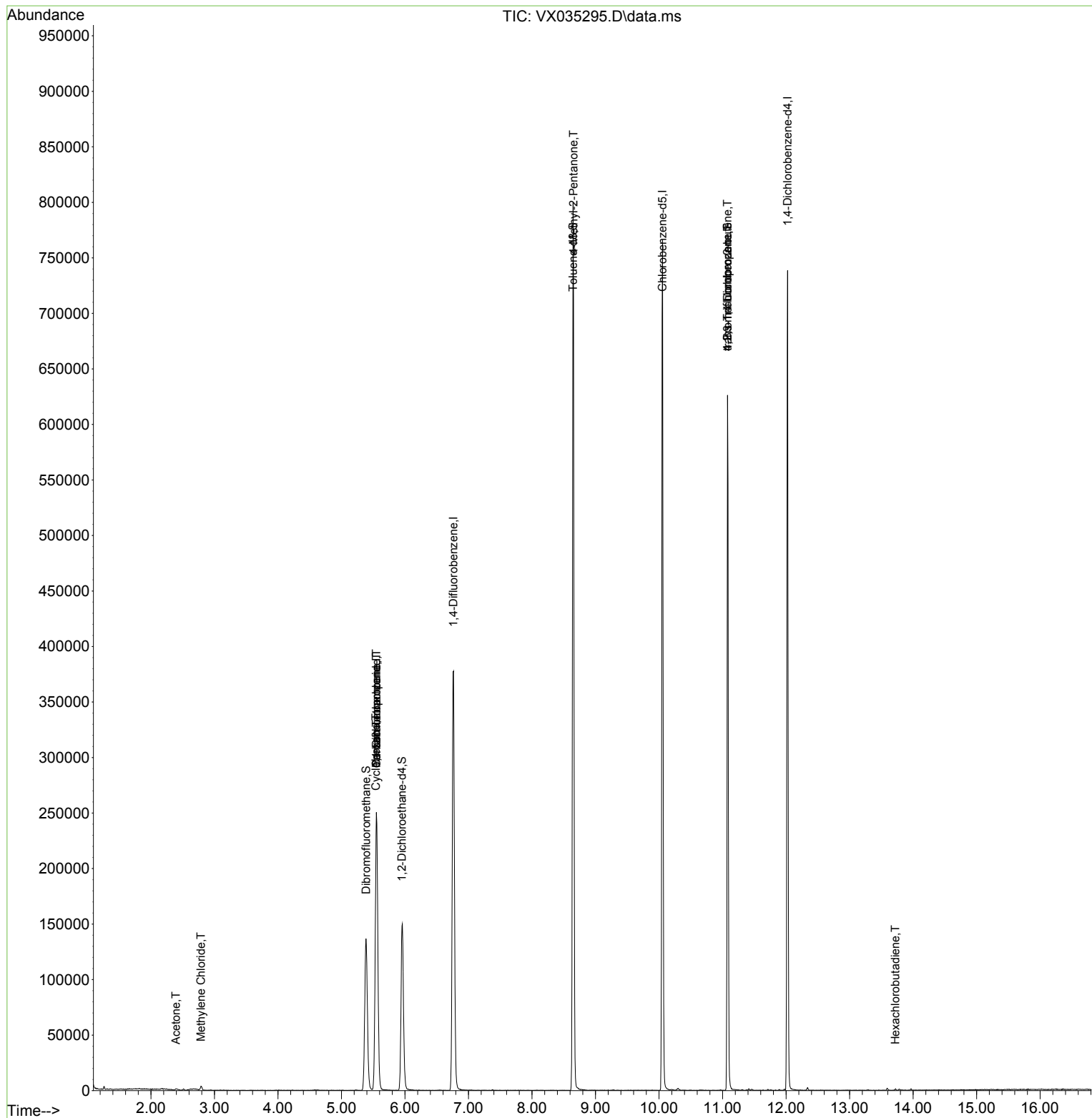
Internal Standards						
1) Pentafluorobenzene	5.550	168	242449	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	404830	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	361166	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	158328	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	145830	49.856	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.720%
35) Dibromofluoromethane	5.385	113	123330	49.635	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.280%
50) Toluene-d8	8.647	98	470370	50.182	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.360%
62) 4-Bromofluorobenzene	11.079	95	172497	48.921	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.840%
Target Compounds						
					Qvalue	
16) Acetone	2.392	43	1994	1.570	ug/l #	77
20) Methylene Chloride	2.788	84	1724	0.592	ug/l #	81
31) Cyclohexane	5.544	56	4756	1.146	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	17780	4.583	ug/l #	46
38) Carbon Tetrachloride	5.550	117	24546	6.665	ug/l #	16
51) 4-Methyl-2-Pentanone	8.653	43	1914	0.523	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	83440	26.419	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	83440	85.567	ug/l #	8
94) Hexachlorobutadiene	13.719	225	327	0.217	ug/l	95

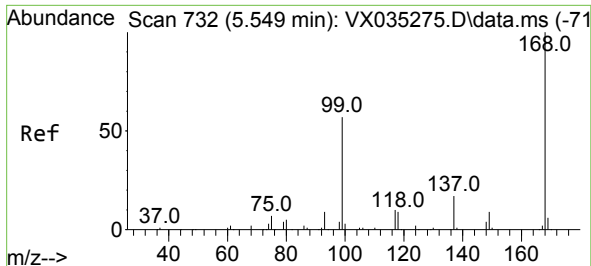
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Apr 25 16:31:40 2023
Response via : Initial Calibration

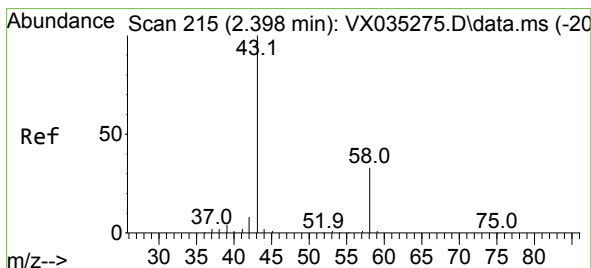
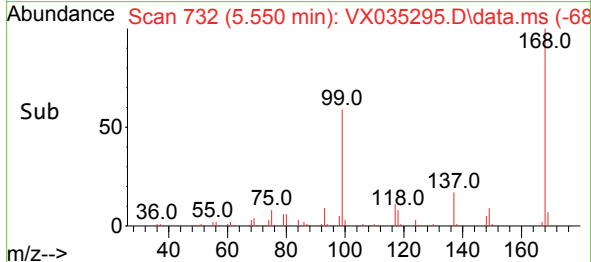
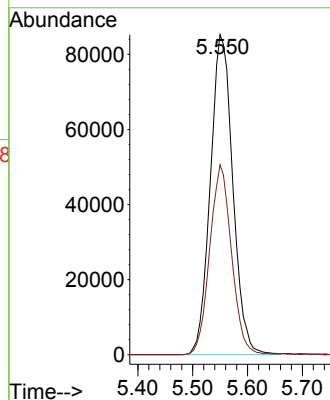
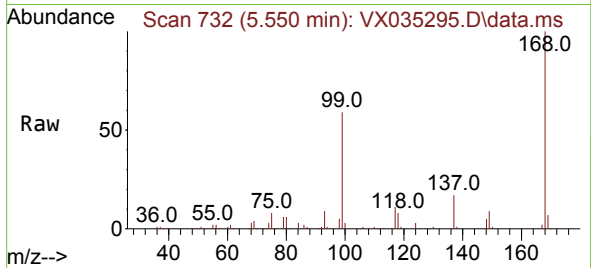




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX035295.D
Acq: 25 Apr 2023 19:42

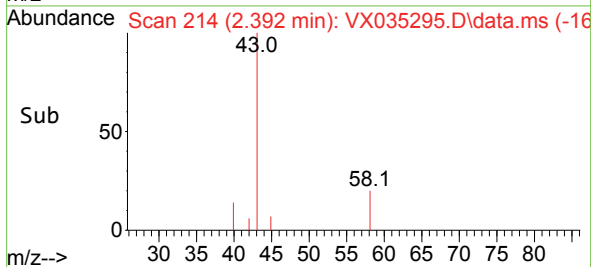
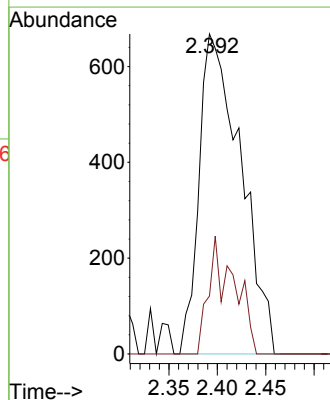
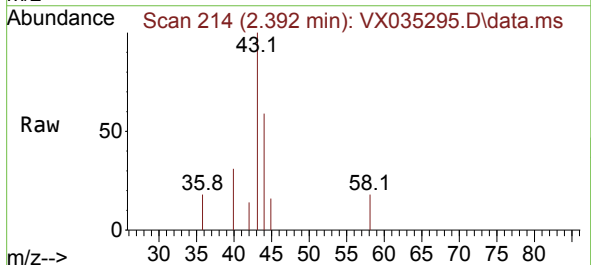
Instrument :
MSVOA_X
ClientSampleId :
EB-1

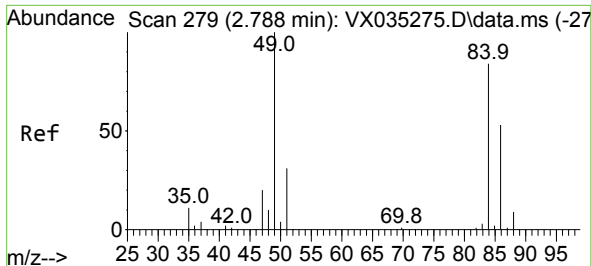
Tgt Ion:168 Resp: 242449
Ion Ratio Lower Upper
168 100
99 59.4 45.7 68.5



#16
Acetone
Concen: 1.570 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX035295.D
Acq: 25 Apr 2023 19:42

Tgt Ion: 43 Resp: 1994
Ion Ratio Lower Upper
43 100
58 18.1 24.7 37.1#

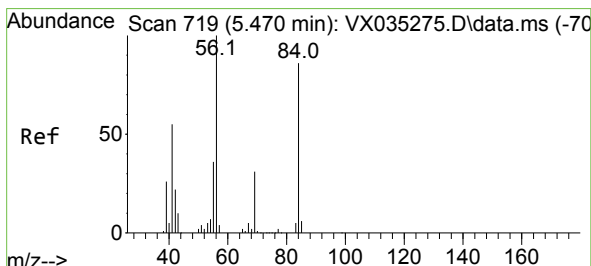
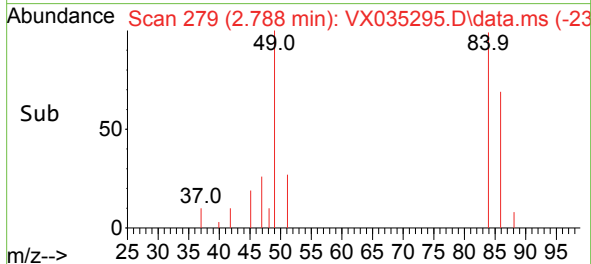
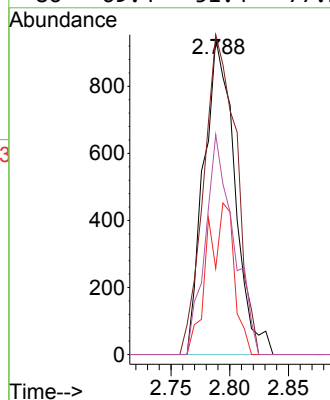
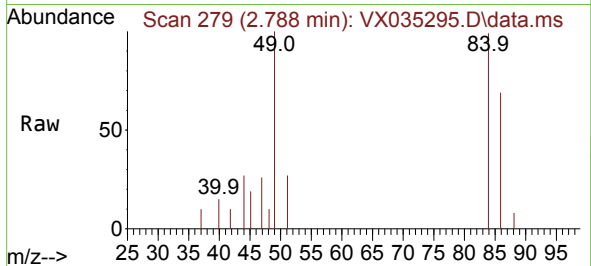




#20
Methylene Chloride
Concen: 0.592 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX035295.D
Acq: 25 Apr 2023 19:42

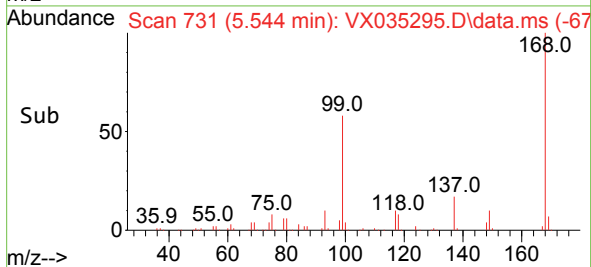
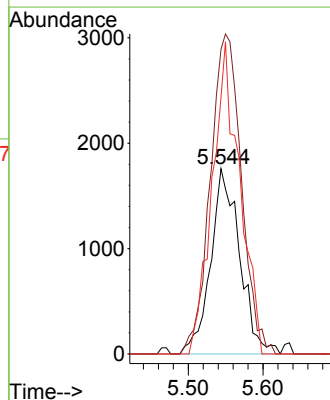
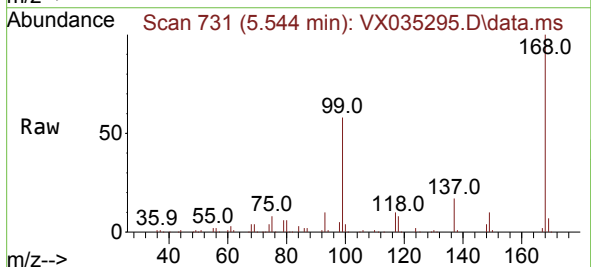
Instrument :
MSVOA_X
ClientSampleId :
EB-1

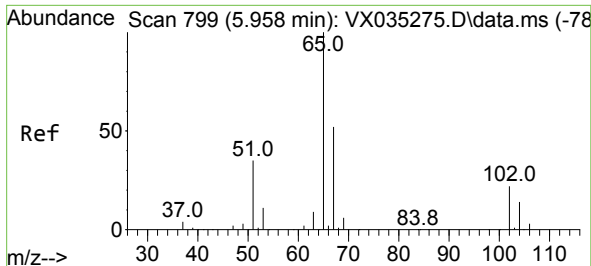
Tgt Ion:	84	Resp:	1724
Ion	Ratio	Lower	Upper
84	100		
49	101.0	103.8	155.8#
51	27.2	31.8	47.8#
86	69.4	51.4	77.2



#31
Cyclohexane
Concen: 1.146 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.074 min
Lab File: VX035295.D
Acq: 25 Apr 2023 19:42

Tgt Ion:	56	Resp:	4756
Ion	Ratio	Lower	Upper
56	100		
69	164.4	23.7	35.5#
84	138.7	68.5	102.7#





#33

1,2-Dichloroethane-d4

Concen: 49.856 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX035295.D

Acq: 25 Apr 2023 19:42

Instrument :

MSVOA_X

ClientSampleId :

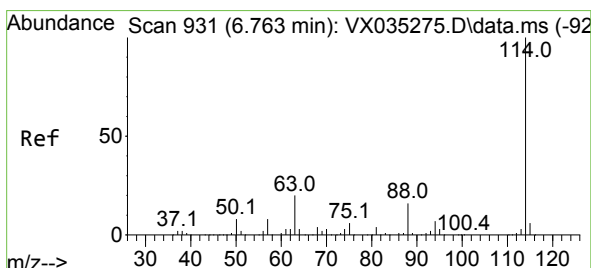
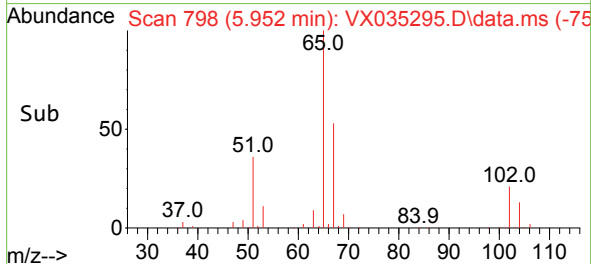
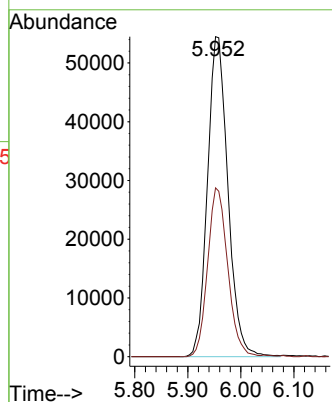
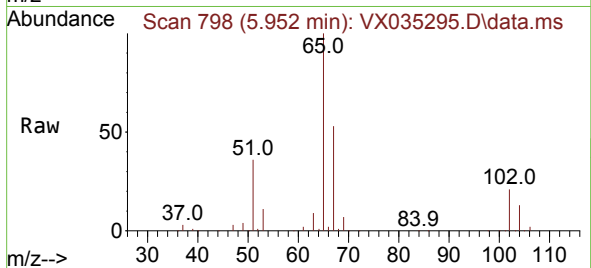
EB-1

Tgt Ion: 65 Resp: 145830

Ion Ratio Lower Upper

65 100

67 51.8 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX035295.D

Acq: 25 Apr 2023 19:42

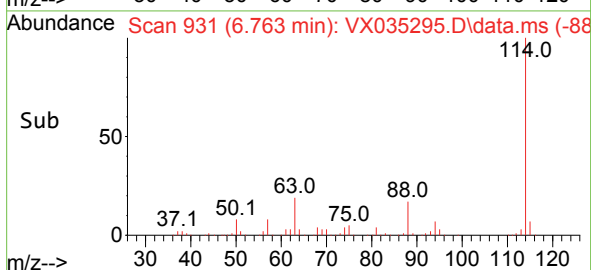
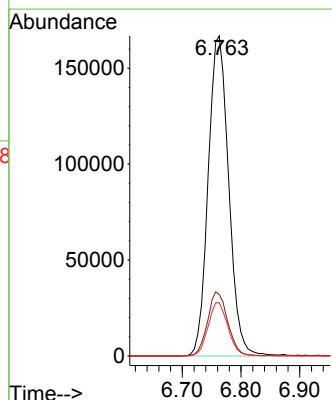
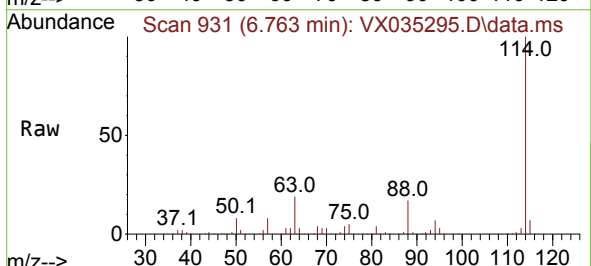
Tgt Ion: 114 Resp: 404830

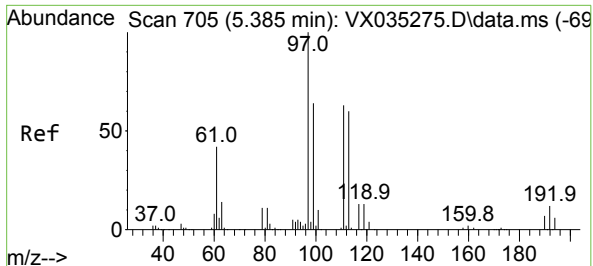
Ion Ratio Lower Upper

114 100

63 19.2 0.0 42.2

88 16.6 0.0 33.2

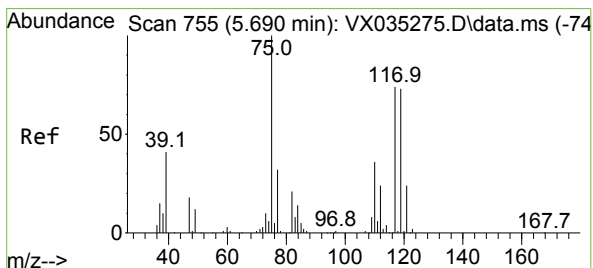
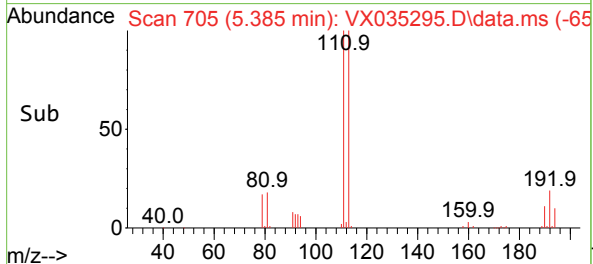
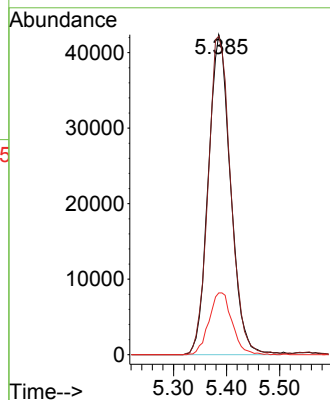
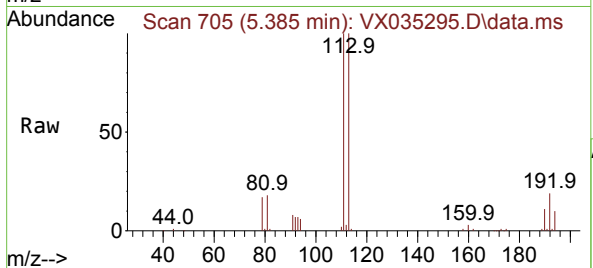




#35
Dibromofluoromethane
Concen: 49.635 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035295.D
Acq: 25 Apr 2023 19:42

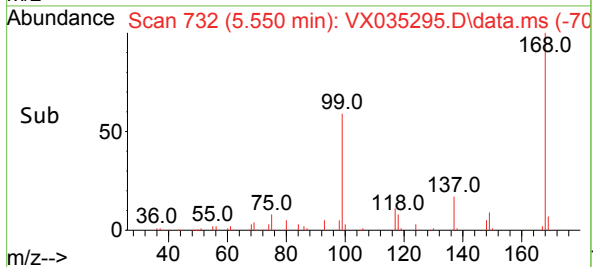
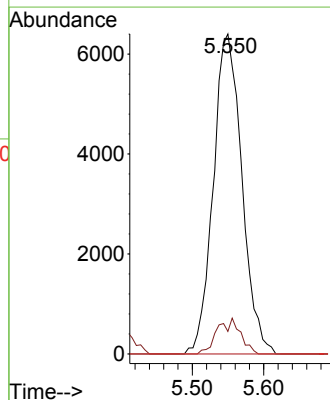
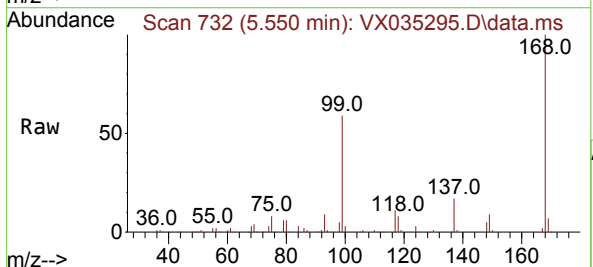
Instrument :
MSVOA_X
ClientSampleId :
EB-1

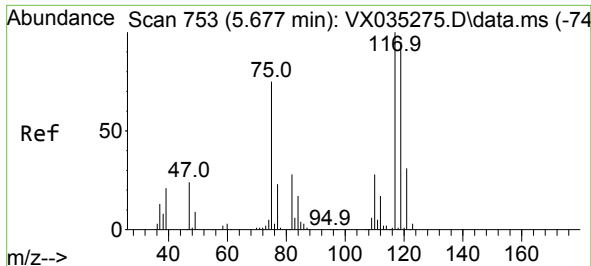
Tgt Ion:113 Resp: 123330
Ion Ratio Lower Upper
113 100
111 101.1 83.7 125.5
192 20.1 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.583 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX035295.D
Acq: 25 Apr 2023 19:42

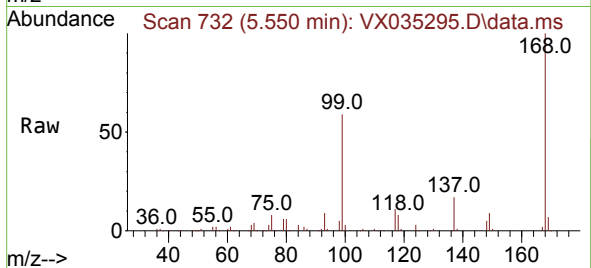
Tgt Ion: 75 Resp: 17780
Ion Ratio Lower Upper
75 100
110 4.9 17.5 52.5#
77 0.0 24.3 36.5#



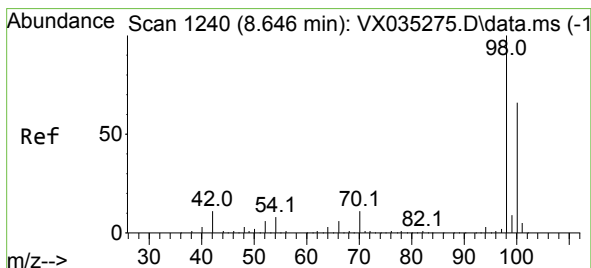
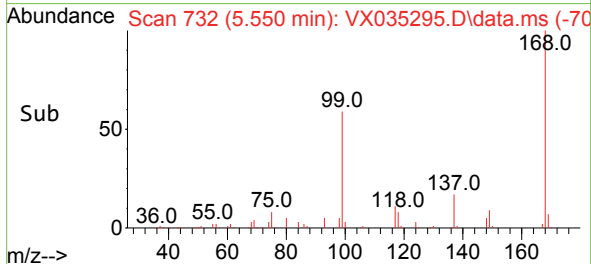
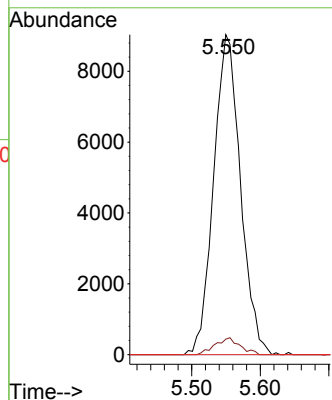


#38
Carbon Tetrachloride
Concen: 6.665 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX035295.D
Acq: 25 Apr 2023 19:42

Instrument :
MSVOA_X
ClientSampleId :
EB-1

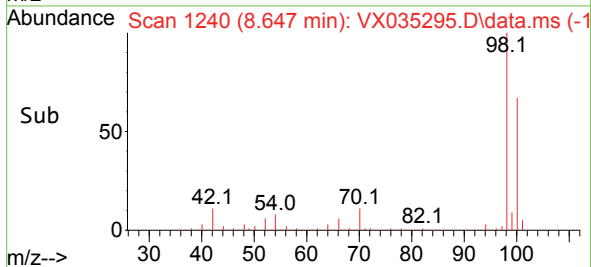
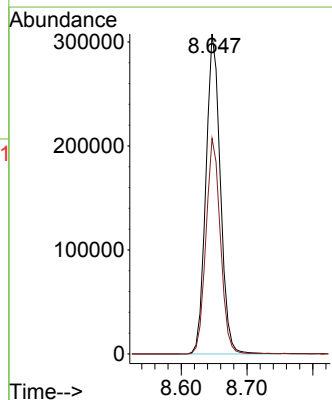
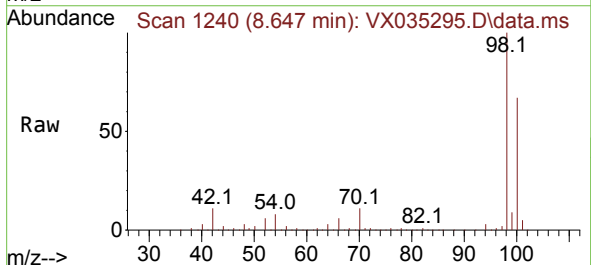


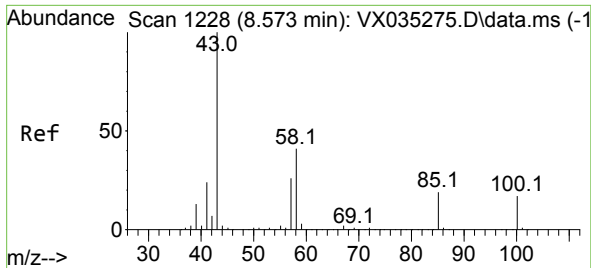
Tgt Ion:117 Resp: 24546
Ion Ratio Lower Upper
117 100
119 4.9 76.6 114.8#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 50.182 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX035295.D
Acq: 25 Apr 2023 19:42

Tgt Ion: 98 Resp: 470370
Ion Ratio Lower Upper
98 100
100 67.3 52.5 78.7

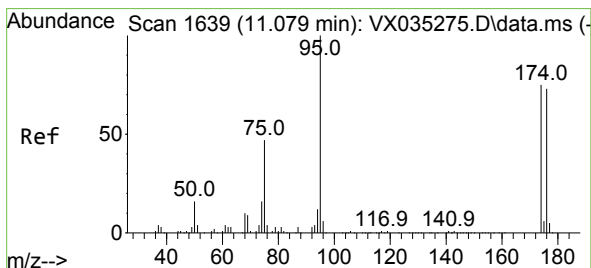
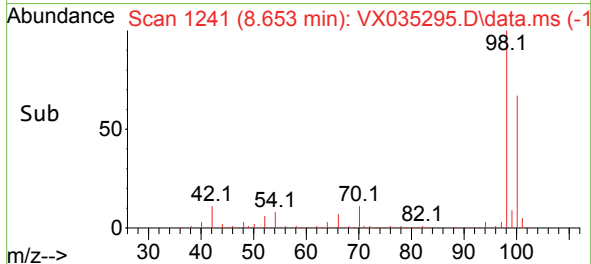
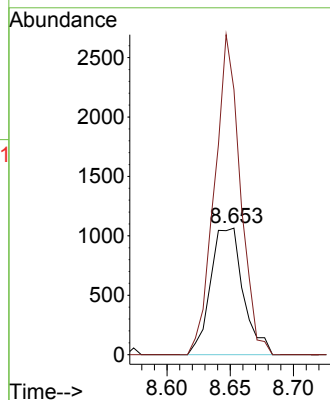
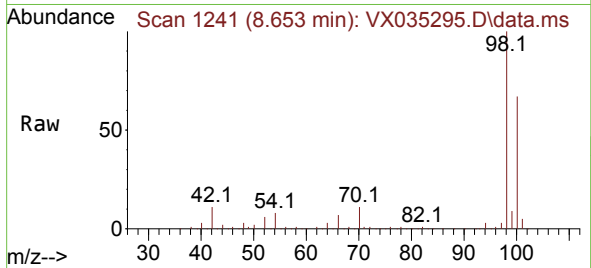




#51
4-Methyl-2-Pentanone
Concen: 0.523 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.080 min
Lab File: VX035295.D
Acq: 25 Apr 2023 19:42

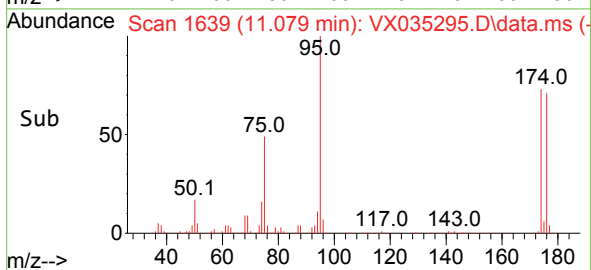
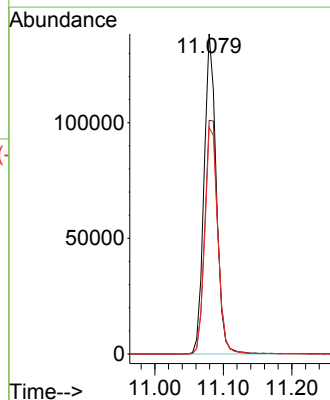
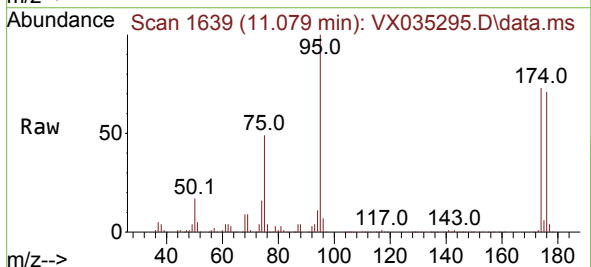
Instrument :
MSVOA_X
ClientSampleId :
EB-1

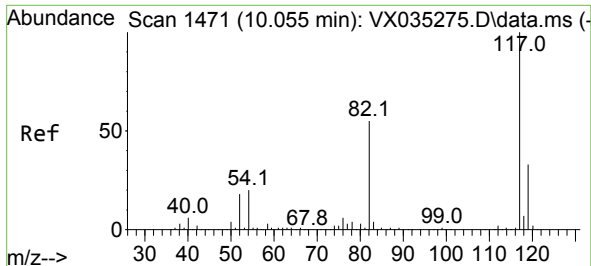
Tgt Ion: 43 Resp: 1914
Ion Ratio Lower Upper
43 100
58 199.4 30.6 46.0#



#62
4-Bromofluorobenzene
Concen: 48.921 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035295.D
Acq: 25 Apr 2023 19:42

Tgt Ion: 95 Resp: 172497
Ion Ratio Lower Upper
95 100
174 78.0 0.0 147.4
176 75.0 0.0 140.6

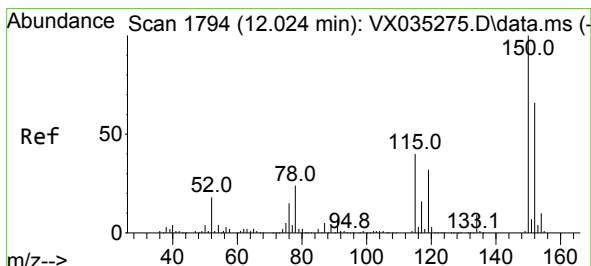
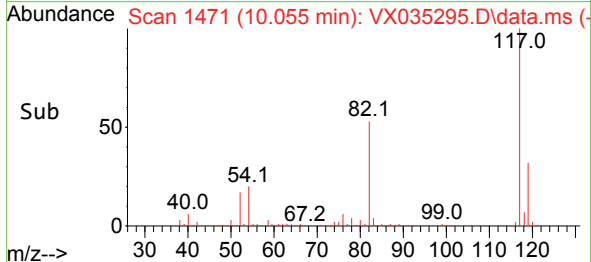
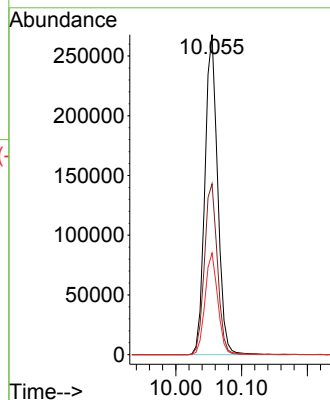
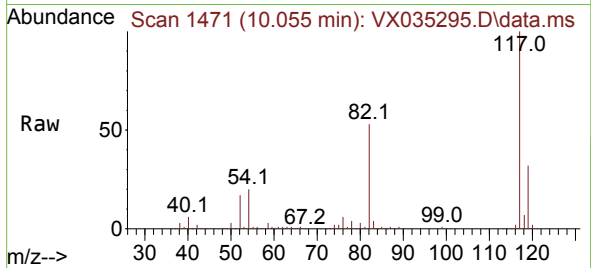




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035295.D
Acq: 25 Apr 2023 19:42

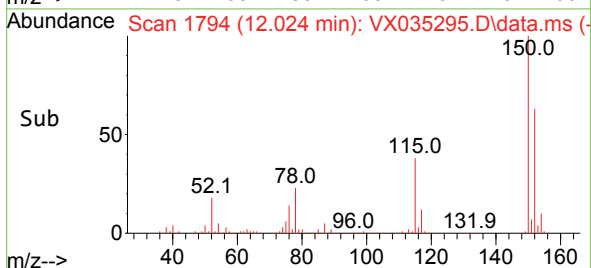
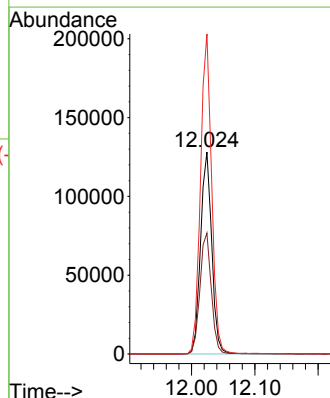
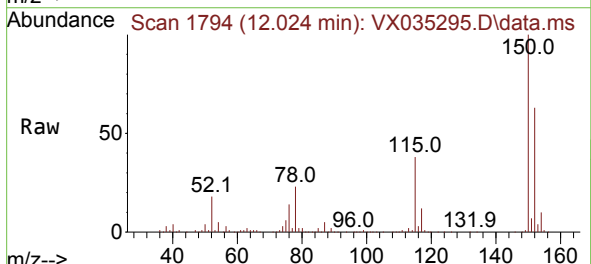
Instrument :
MSVOA_X
ClientSampleId :
EB-1

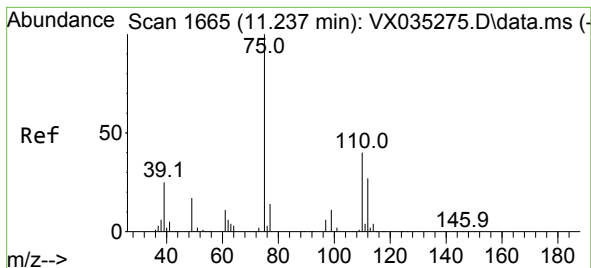
Tgt Ion:117 Resp: 361166
Ion Ratio Lower Upper
117 100
82 53.4 45.0 67.4
119 31.7 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035295.D
Acq: 25 Apr 2023 19:42

Tgt Ion:152 Resp: 158328
Ion Ratio Lower Upper
152 100
115 61.0 45.0 135.0
150 157.7 0.0 352.4





#76

1,2,3-Trichloropropane

Concen: 26.419 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX035295.D

Acq: 25 Apr 2023 19:42

Instrument :

MSVOA_X

ClientSampleId :

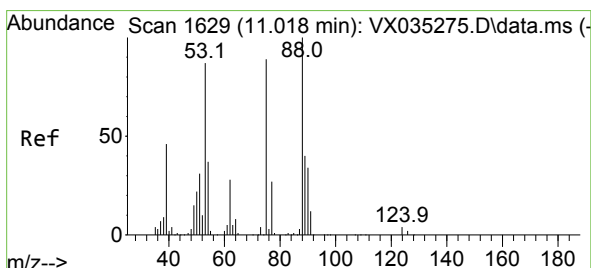
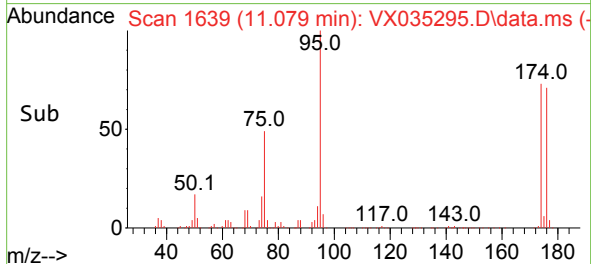
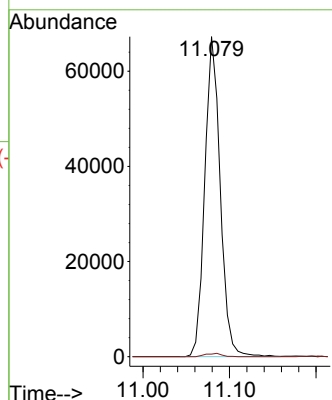
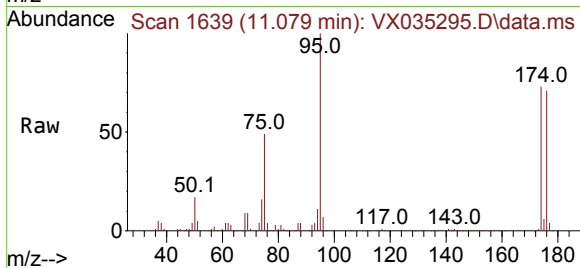
EB-1

Tgt Ion: 75 Resp: 83440

Ion Ratio Lower Upper

75 100

77 1.1 21.6 64.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 85.567 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX035295.D

Acq: 25 Apr 2023 19:42

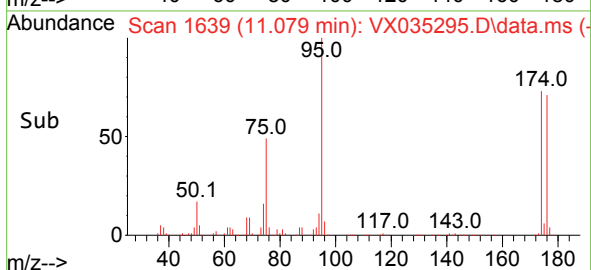
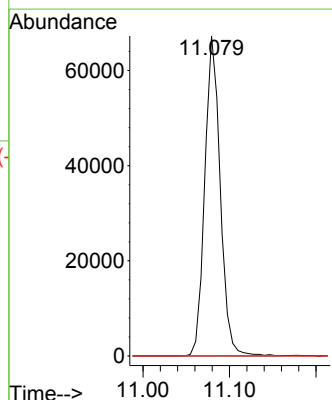
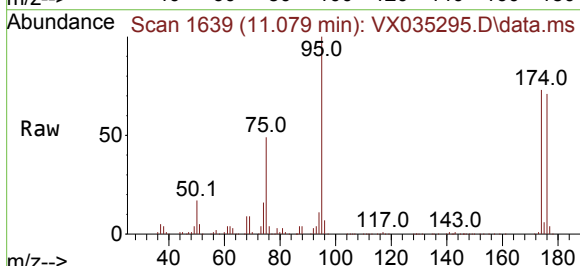
Tgt Ion: 75 Resp: 83440

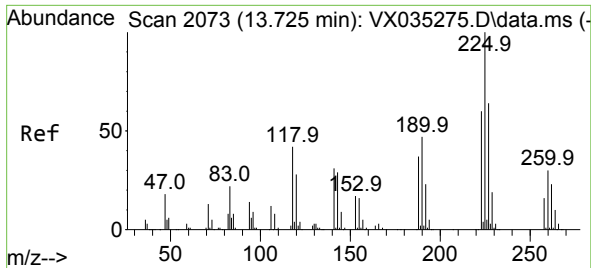
Ion Ratio Lower Upper

75 100

53 0.0 82.6 124.0#

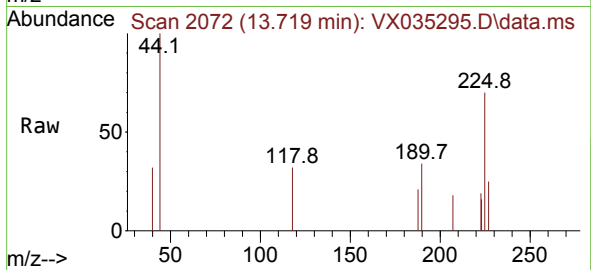
89 0.0 36.9 55.3#





#94
 Hexachlorobutadiene
 Concen: 0.217 ug/l
 RT: 13.719 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VX035295.D
 Acq: 25 Apr 2023 19:42

Instrument :
 MSVOA_X
 ClientSampleId :
 EB-1



Tgt Ion:	225	Resp:	327
Ion	Ratio	Lower	Upper
225	100		
223	65.7	32.1	96.5
227	57.8	31.8	95.4

