

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042922\
 Data File : VX028426.D
 Acq On : 29 Apr 2022 16:13
 Operator : JC/MD
 Sample : N2640-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MWBR3D-B-480-500-042922

Quant Time: Apr 30 09:15:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 19 13:38:04 2022
 Response via : Initial Calibration

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

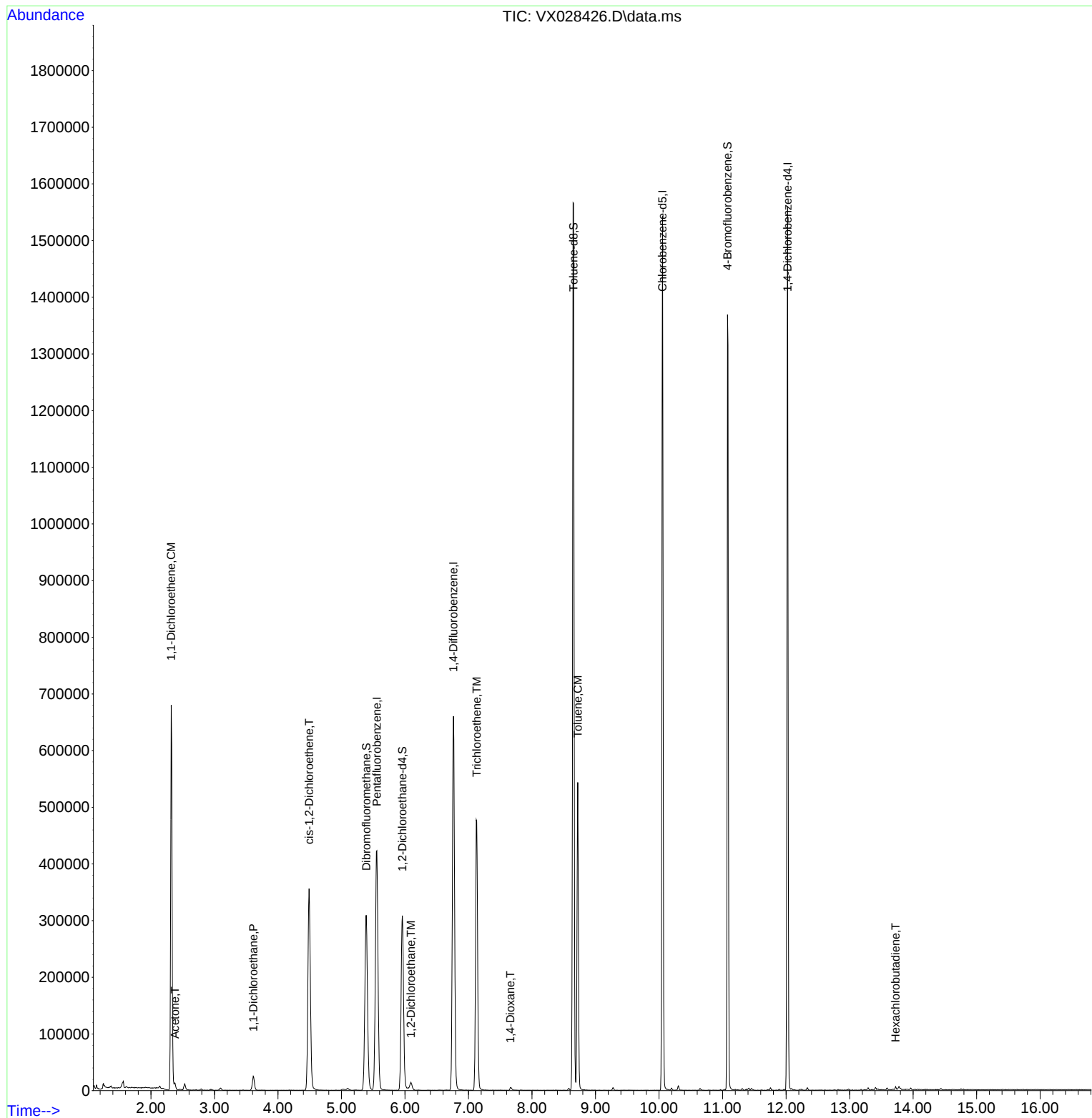
Internal Standards						
1) Pentafluorobenzene	5.556	168	416139	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	714282	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	687385	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	324842	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	292032	53.821	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 107.640%	
35) Dibromofluoromethane	5.391	113	268137	53.529	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 107.060%	
50) Toluene-d8	8.653	98	983433	51.116	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 102.240%	
62) 4-Bromofluorobenzene	11.079	95	356589	48.474	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 96.940%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.319	96	222795	69.664	ug/l	98
16) Acetone	2.380	43	11156	5.366	ug/l	95
24) 1,1-Dichloroethane	3.611	63	25766	3.570	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	230411	44.429	ug/l	84
42) 1,2-Dichloroethane	6.092	62	14279	2.011	ug/l	98
44) Trichloroethene	7.129	130	194005	34.978	ug/l	97
49) 1,4-Dioxane	7.659	88	4510	34.030	ug/l	93
52) Toluene	8.720	92	207272	15.598	ug/l	98
94) Hexachlorobutadiene	13.725	225	758	0.263	ug/l	93

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

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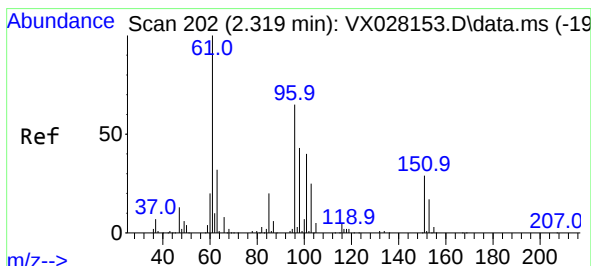
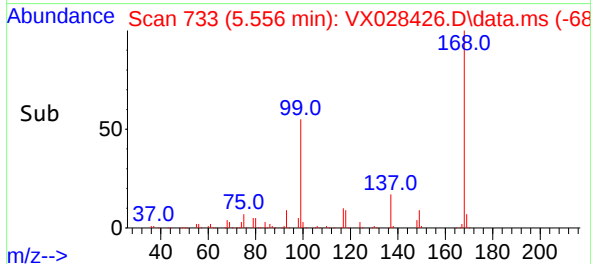
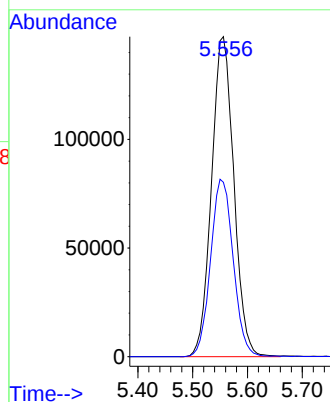
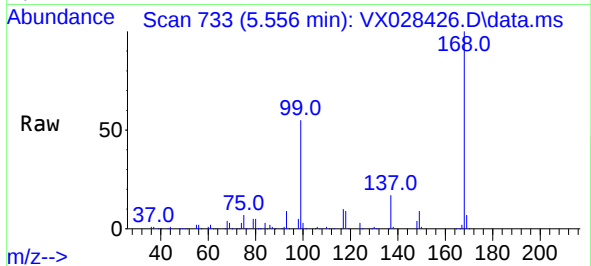




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.000 min
Lab File: VX028426.D
Acq: 29 Apr 2022 16:13

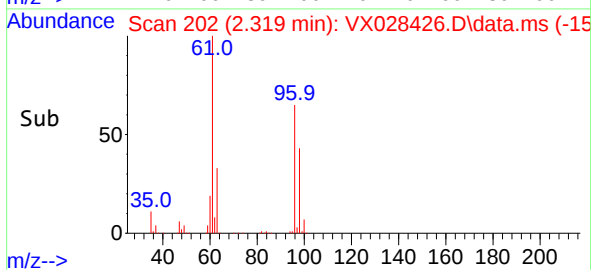
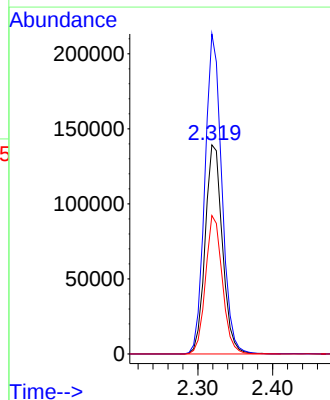
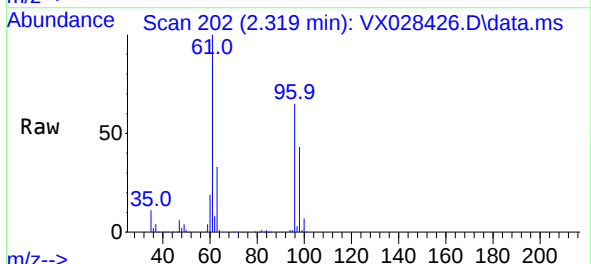
Instrument :
MSVOA_X
ClientSampleId :
MWBR3D-B-480-500-042922

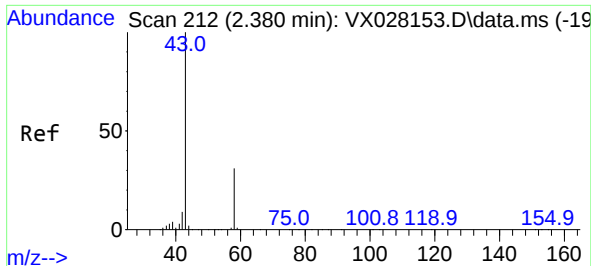
Tgt Ion:168 Resp: 416139
Ion Ratio Lower Upper
168 100
99 54.5 41.7 62.5



#12
1,1-Dichloroethene
Concen: 69.664 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX028426.D
Acq: 29 Apr 2022 16:13

Tgt Ion: 96 Resp: 222795
Ion Ratio Lower Upper
96 100
61 153.0 124.6 187.0
98 66.1 51.0 76.4

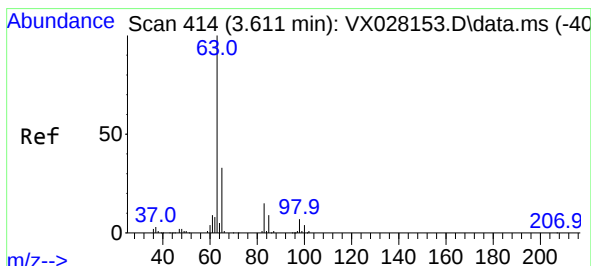
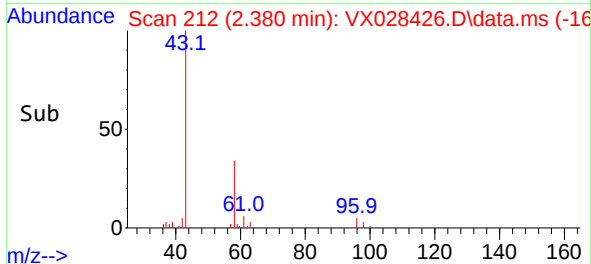
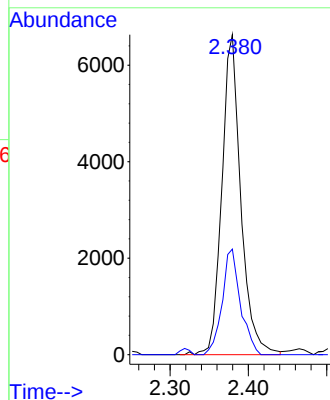
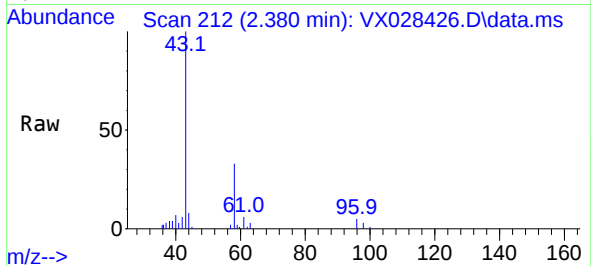




#16
Acetone
Concen: 5.366 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX028426.D
Acq: 29 Apr 2022 16:13

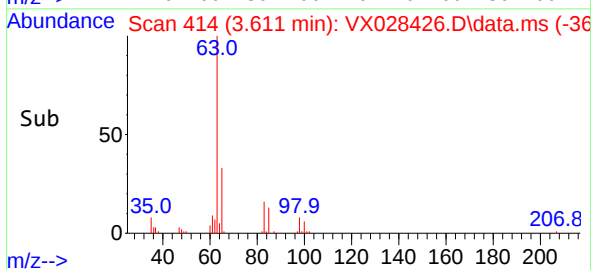
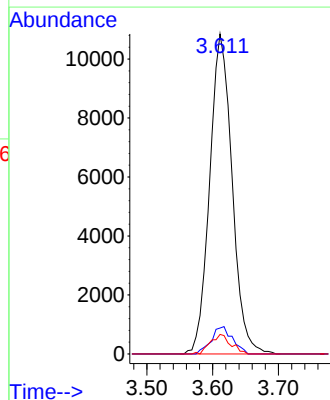
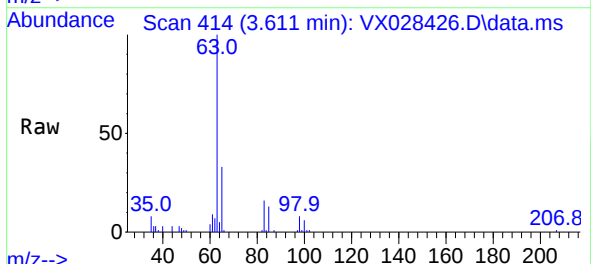
Instrument : MSVOA_X
ClientSampleId : MWBR3D-B-480-500-042922

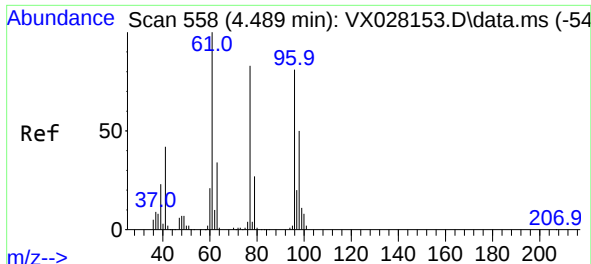
Tgt Ion: 43 Resp: 11156
Ion Ratio Lower Upper
43 100
58 33.0 28.8 43.2



#24
1,1-Dichloroethane
Concen: 3.570 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.000 min
Lab File: VX028426.D
Acq: 29 Apr 2022 16:13

Tgt Ion: 63 Resp: 25766
Ion Ratio Lower Upper
63 100
98 8.1 3.9 11.7
100 6.1 2.4 7.2



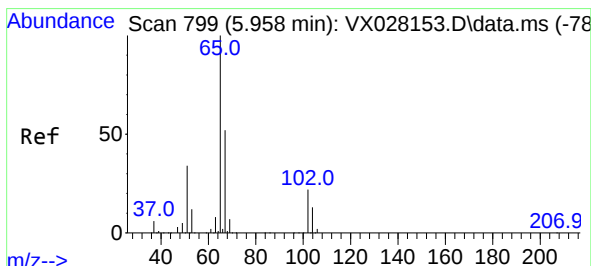
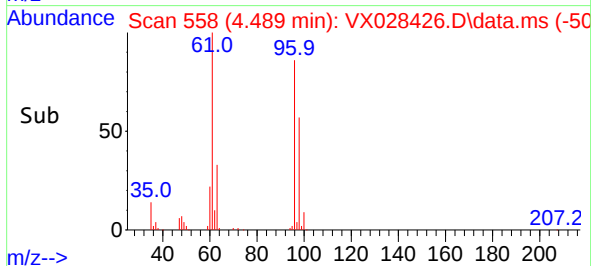
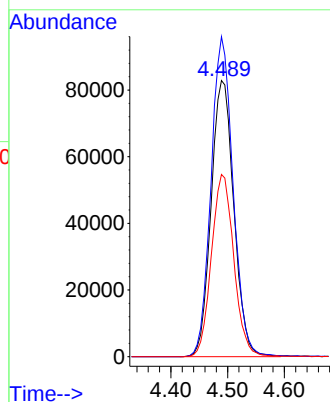
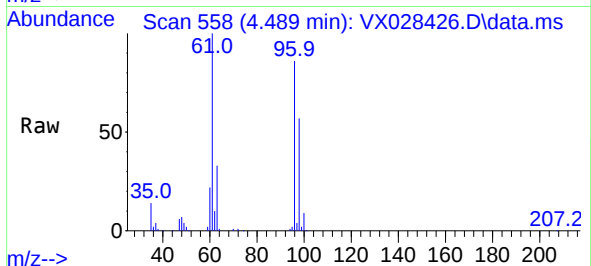


#27
 cis-1,2-Dichloroethene
 Concen: 44.429 ug/l
 RT: 4.489 min Scan# 511
 Delta R.T. -0.000 min
 Lab File: VX028426.D
 Acq: 29 Apr 2022 16:13

Instrument :
 MSVOA_X
 ClientSampleId :
 MWBR3D-B-480-500-042922

Tgt Ion: 96 Resp: 230411

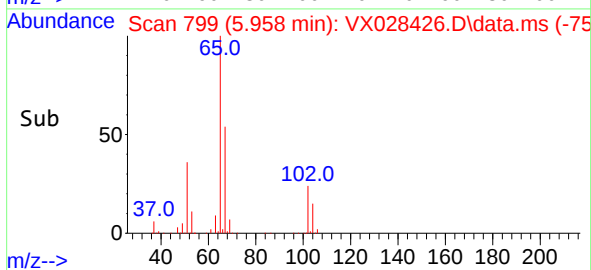
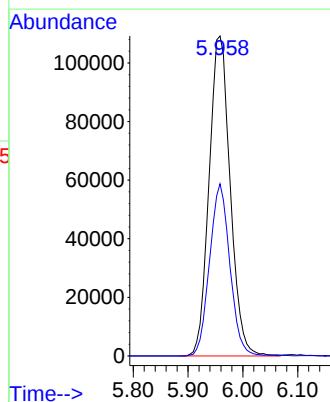
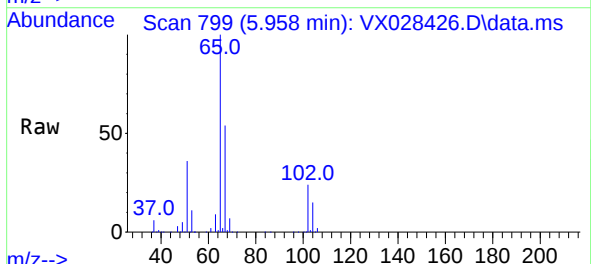
Ion	Ratio	Lower	Upper
96	100		
61	112.6	0.0	283.8
98	65.1	0.0	129.8

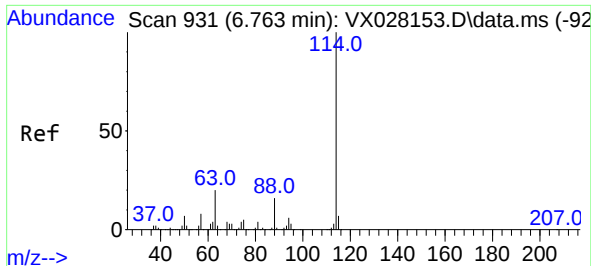


#33
 1,2-Dichloroethane-d4
 Concen: 53.821 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX028426.D
 Acq: 29 Apr 2022 16:13

Tgt Ion: 65 Resp: 292032

Ion	Ratio	Lower	Upper
65	100		
67	51.6	0.0	107.4

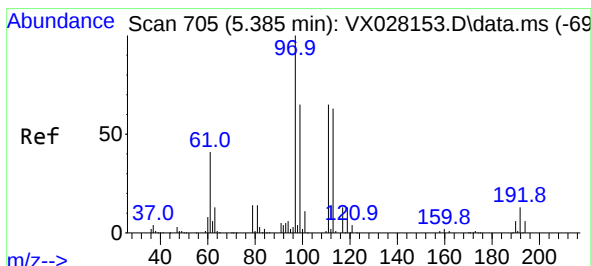
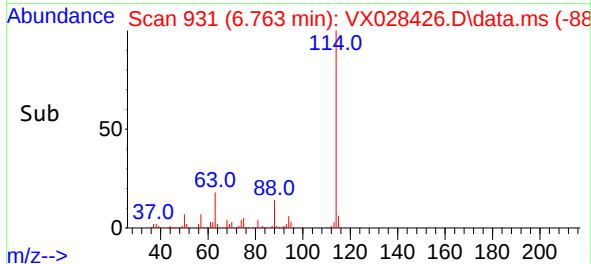
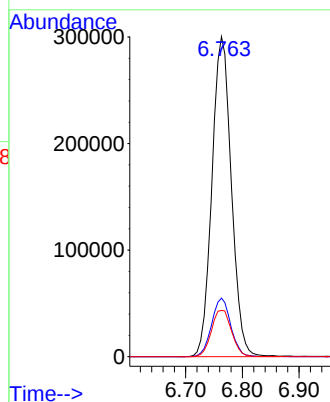
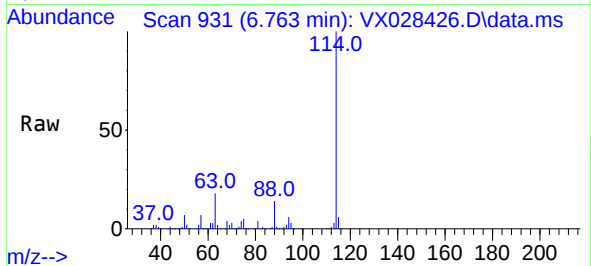




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX028426.D
Acq: 29 Apr 2022 16:13

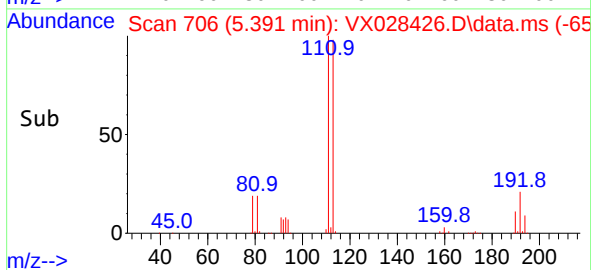
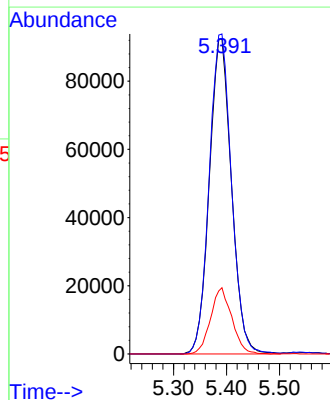
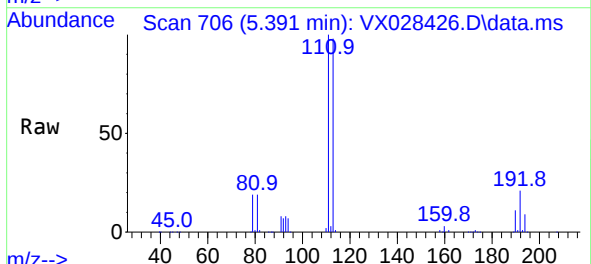
Instrument :
MSVOA_X
ClientSampleId :
MWBR3D-B-480-500-042922

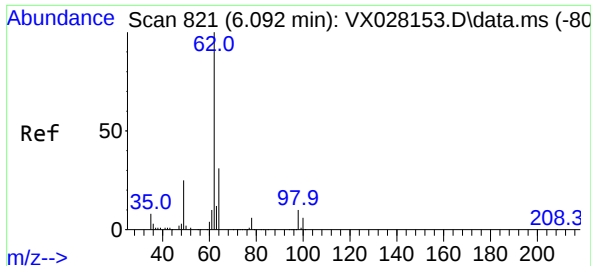
Tgt Ion:114 Resp: 714282
Ion Ratio Lower Upper
114 100
63 18.3 0.0 36.8
88 14.5 0.0 32.4



#35
Dibromofluoromethane
Concen: 53.529 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX028426.D
Acq: 29 Apr 2022 16:13

Tgt Ion:113 Resp: 268137
Ion Ratio Lower Upper
113 100
111 102.0 82.8 124.2
192 20.1 16.9 25.3





#42

1,2-Dichloroethane

Concen: 2.011 ug/l

RT: 6.092 min Scan# 821

Delta R.T. 0.000 min

Lab File: VX028426.D

Acq: 29 Apr 2022 16:13

Instrument :

MSVOA_X

ClientSampleId :

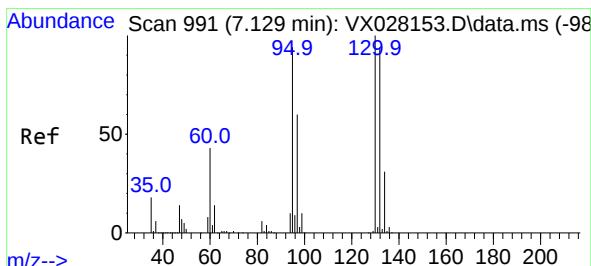
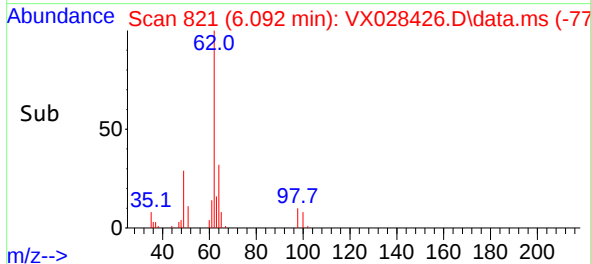
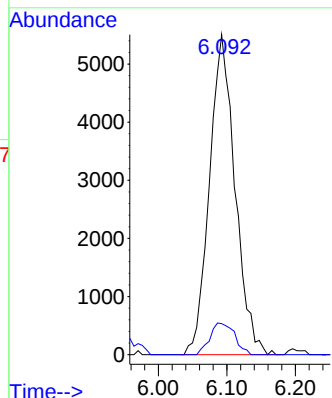
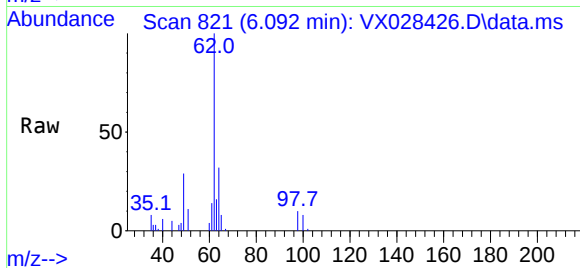
MWBR3D-B-480-500-042922

Tgt Ion: 62 Resp: 14279

Ion Ratio Lower Upper

62 100

98 9.5 0.0 20.4



#44

Trichloroethene

Concen: 34.978 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX028426.D

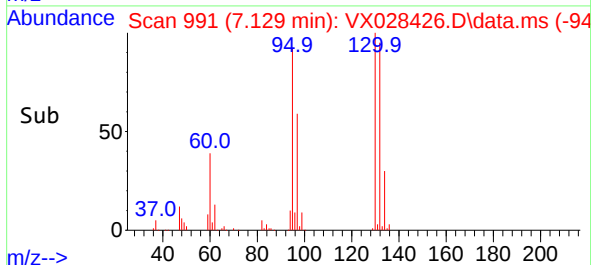
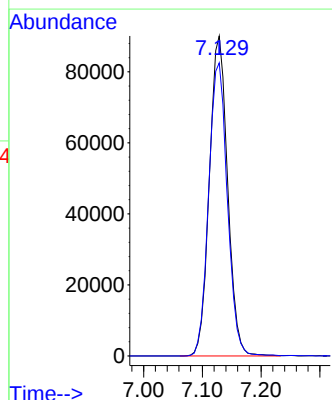
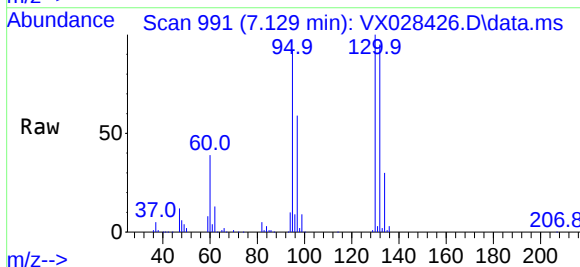
Acq: 29 Apr 2022 16:13

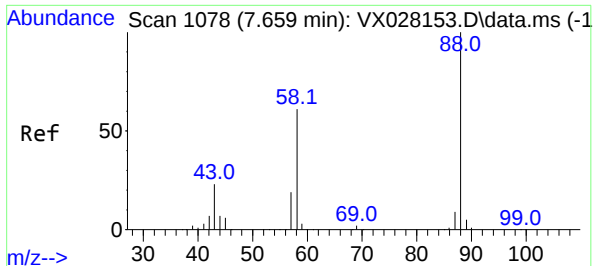
Tgt Ion:130 Resp: 194005

Ion Ratio Lower Upper

130 100

95 91.6 0.0 188.8





#49

1,4-Dioxane

Concen: 34.030 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. 0.000 min

Lab File: VX028426.D

Acq: 29 Apr 2022 16:13

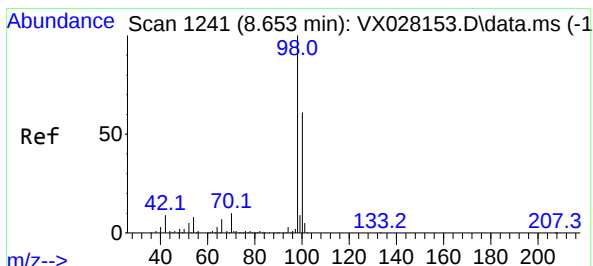
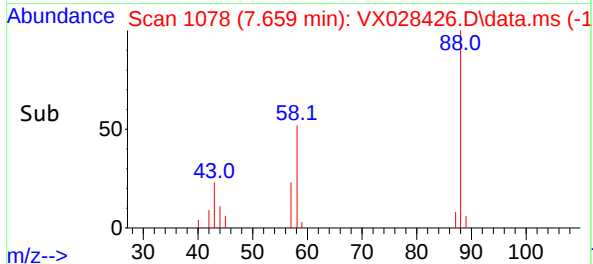
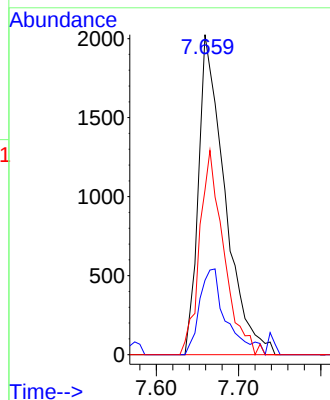
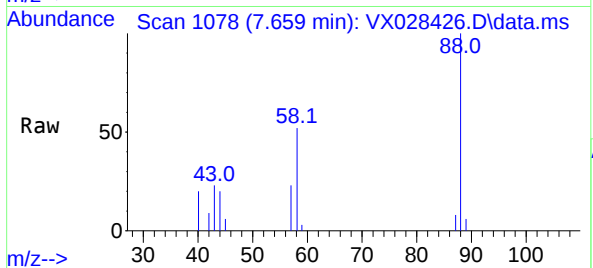
Instrument :

MSVOA_X

ClientSampleId :

MWBR3D-B-480-500-042922

Tgt Ion:	88	Resp:	4510
Ion	Ratio	Lower	Upper
88	100		
43	27.2	21.9	32.9
58	58.9	53.7	80.5



#50

Toluene-d8

Concen: 51.116 ug/l

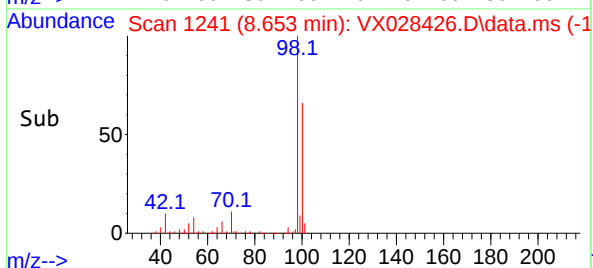
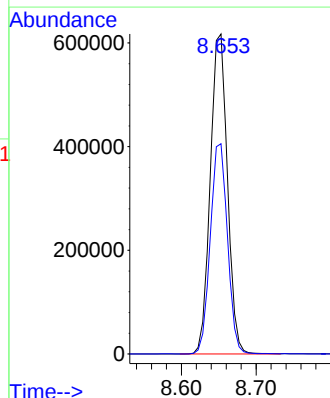
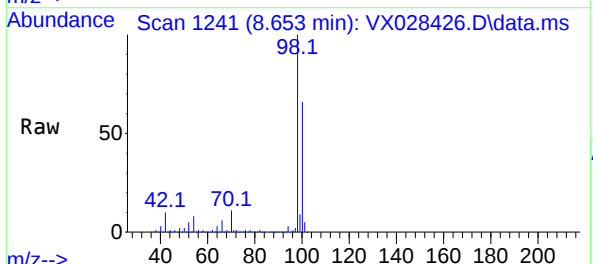
RT: 8.653 min Scan# 1241

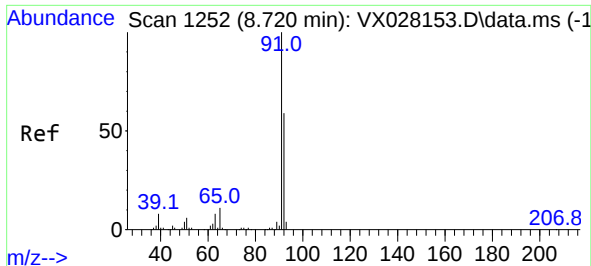
Delta R.T. -0.000 min

Lab File: VX028426.D

Acq: 29 Apr 2022 16:13

Tgt Ion:	98	Resp:	983433
Ion	Ratio	Lower	Upper
98	100		
100	65.9	52.6	78.8

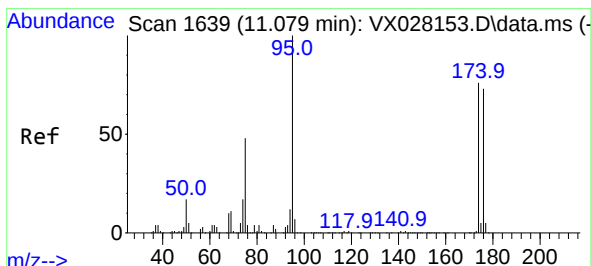
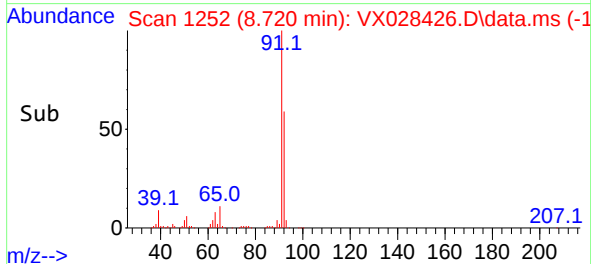
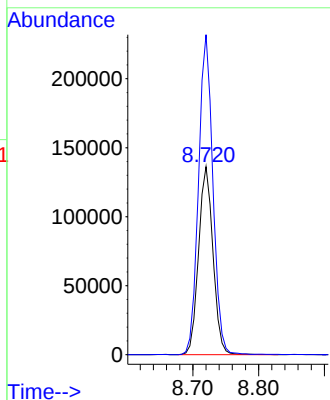
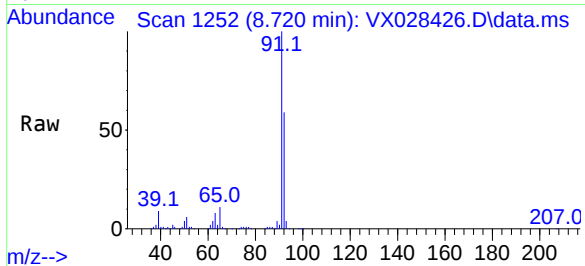




#52
Toluene
Concen: 15.598 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX028426.D
Acq: 29 Apr 2022 16:13

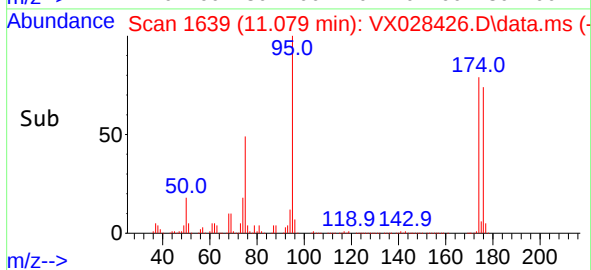
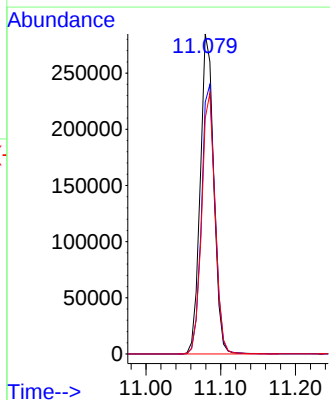
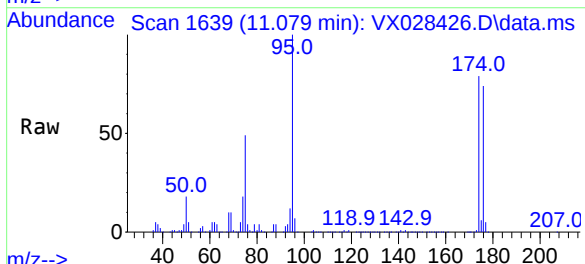
Instrument : MSVOA_X
ClientSampleId : MWBR3D-B-480-500-042922

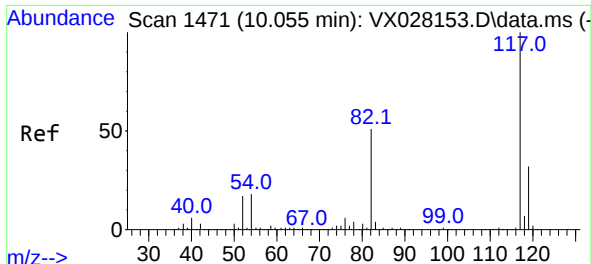
Tgt Ion: 92 Resp: 207272
Ion Ratio Lower Upper
92 100
91 169.3 137.5 206.3



#62
4-Bromofluorobenzene
Concen: 48.474 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX028426.D
Acq: 29 Apr 2022 16:13

Tgt Ion: 95 Resp: 356589
Ion Ratio Lower Upper
95 100
174 84.5 0.0 163.0
176 81.4 0.0 155.0

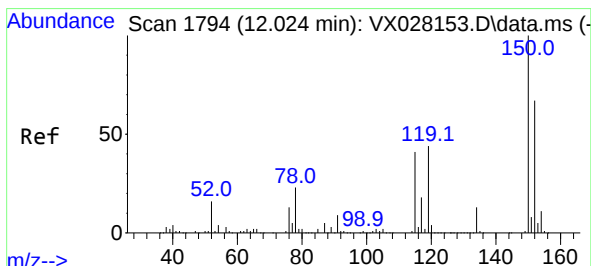
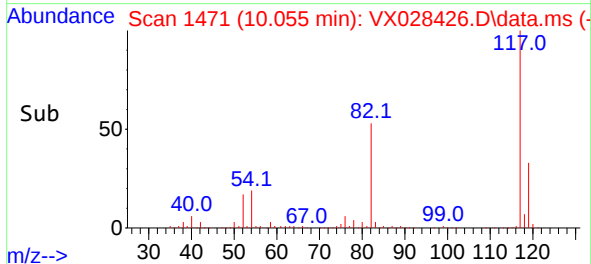
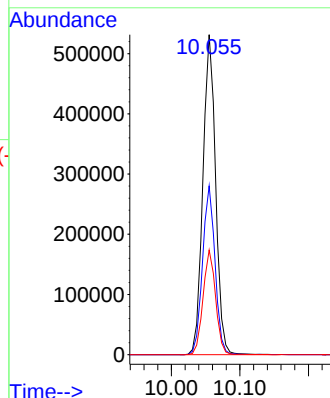
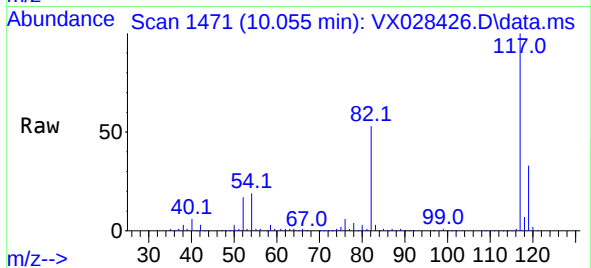




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028426.D
Acq: 29 Apr 2022 16:13

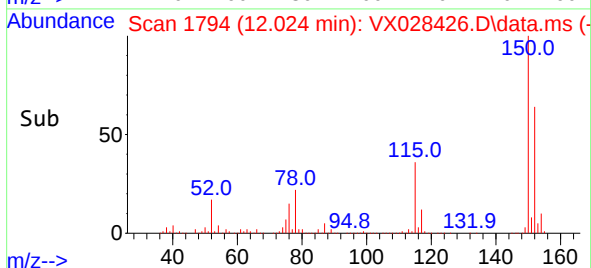
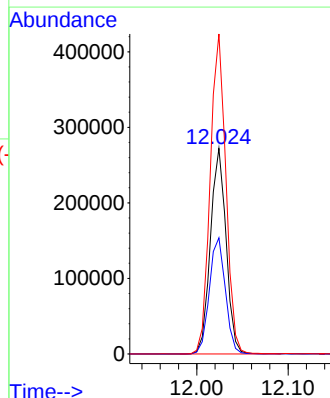
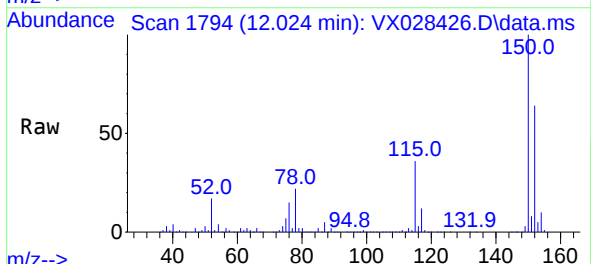
Instrument :
MSVOA_X
ClientSampleId :
MWBR3D-B-480-500-042922

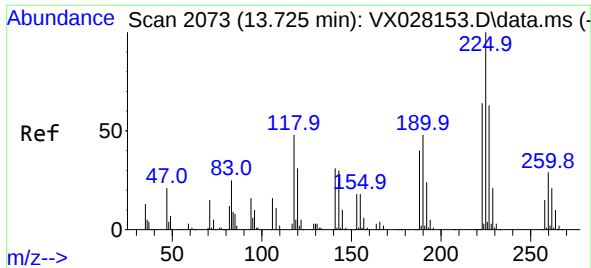
Tgt Ion:117 Resp: 687385
Ion Ratio Lower Upper
117 100
82 52.8 41.8 62.8
119 32.7 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028426.D
Acq: 29 Apr 2022 16:13

Tgt Ion:152 Resp: 324842
Ion Ratio Lower Upper
152 100
115 57.7 37.5 112.7
150 155.7 0.0 338.2





#94

Hexachlorobutadiene

Concen: 0.263 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX028426.D

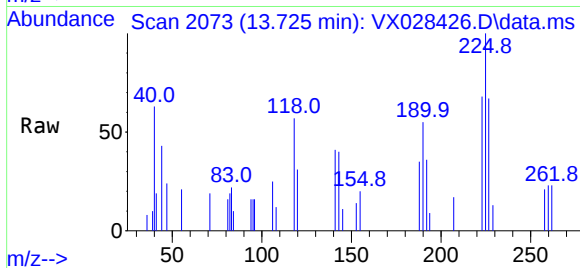
Acq: 29 Apr 2022 16:13

Instrument :

MSVOA_X

ClientSampleId :

MWBR3D-B-480-500-042922



Tgt Ion:225 Resp: 758

Ion Ratio Lower Upper

225 100

223 59.9 34.2 102.5

227 65.4 33.9 101.7

