

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052322\
 Data File : VX028905.D
 Acq On : 23 May 2022 19:29
 Operator : JC/MD
 Sample : N2983-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 16S-20220520

Quant Time: May 24 05:36:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

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

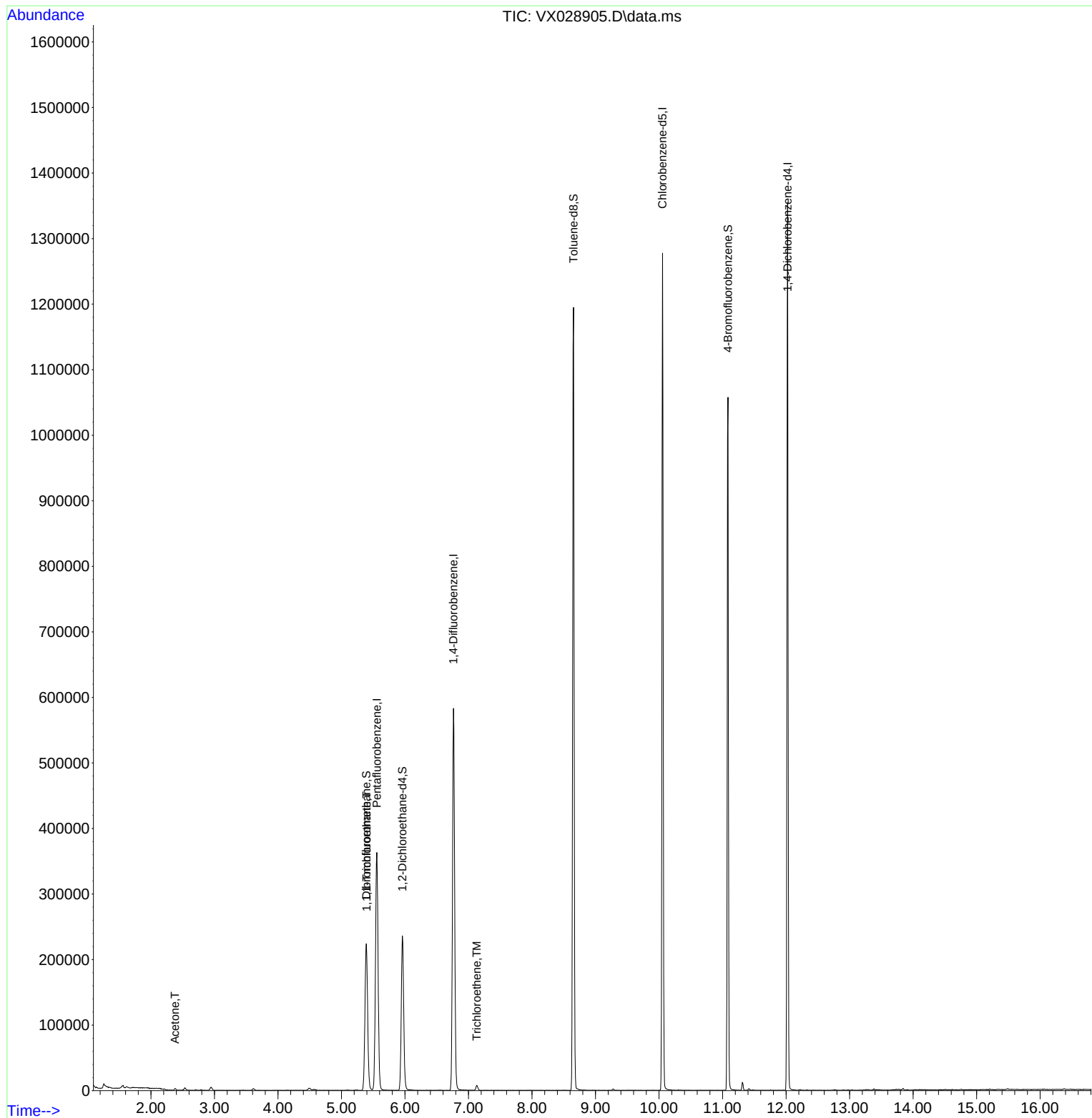
Internal Standards						
1) Pentafluorobenzene	5.556	168	338738	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	599968	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	579400	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	276562	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	234500	50.503	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	=	101.000%	
35) Dibromofluoromethane	5.391	113	196943	50.101	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	=	100.200%	
50) Toluene-d8	8.653	98	718760	48.499	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	=	97.000%	
62) 4-Bromofluorobenzene	11.085	95	289776	52.349	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	=	104.700%	
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	2898	1.454	ug/l	# 76
32) 1,1,1-Trichloroethane	5.397	97	1894	0.287	ug/l	# 48
44) Trichloroethene	7.129	130	2923	0.635	ug/l	100

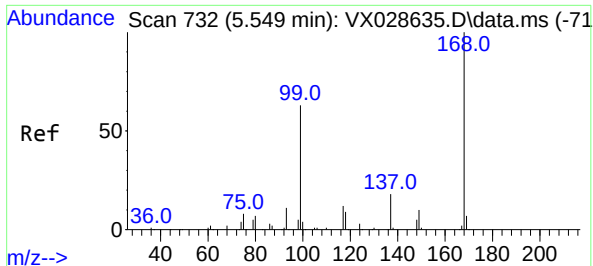
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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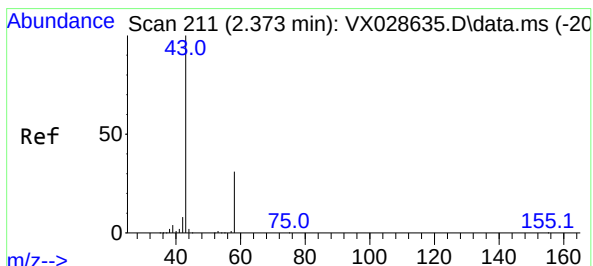
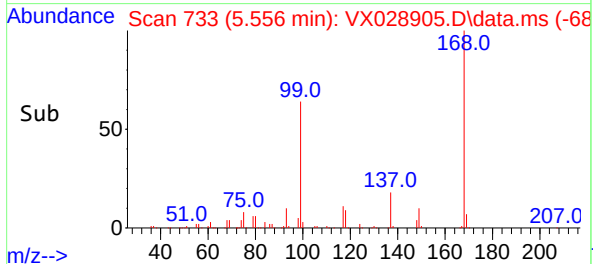
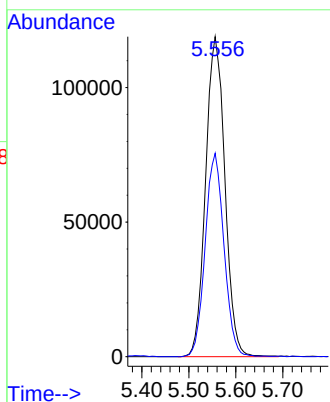
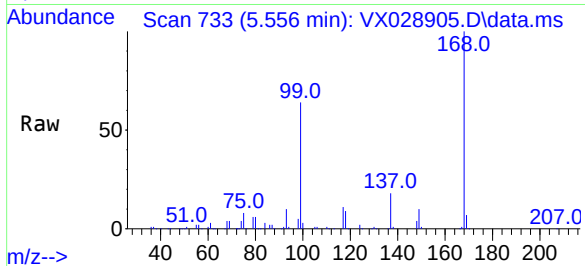




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028905.D
Acq: 23 May 2022 19:29

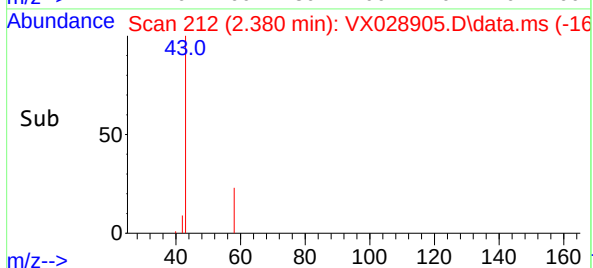
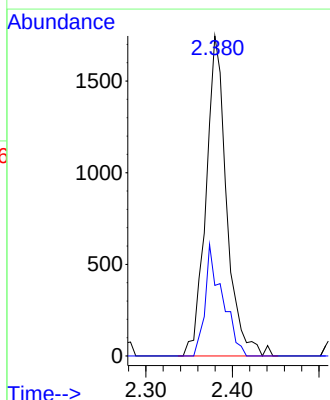
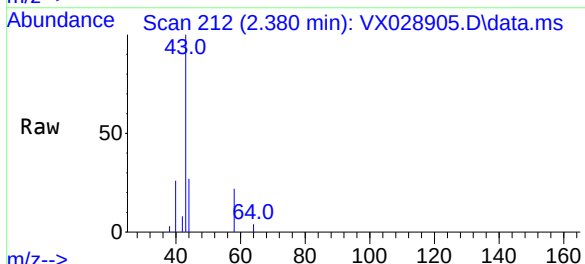
Instrument :
MSVOA_X
ClientSampleId :
16S-20220520

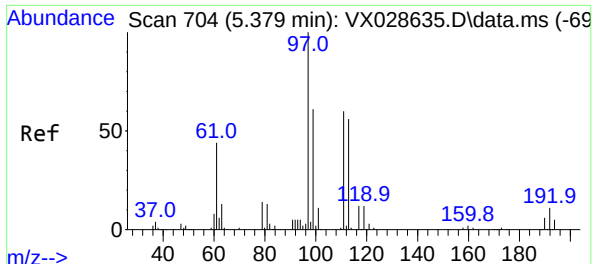
Tgt Ion:168 Resp: 338738
Ion Ratio Lower Upper
168 100
99 63.6 41.7 62.5#



#16
Acetone
Concen: 1.454 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.007 min
Lab File: VX028905.D
Acq: 23 May 2022 19:29

Tgt Ion: 43 Resp: 2898
Ion Ratio Lower Upper
43 100
58 22.1 28.8 43.2#

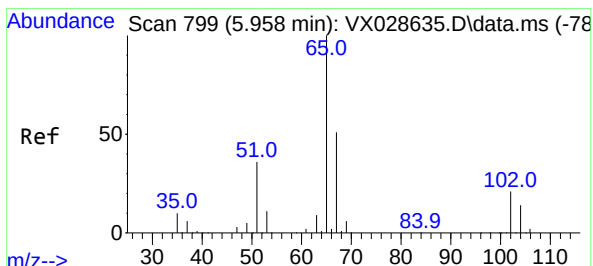
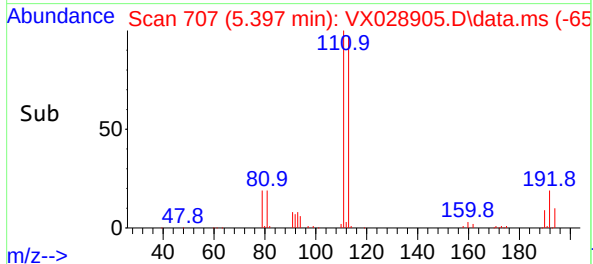
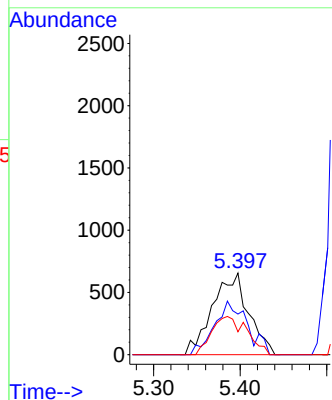
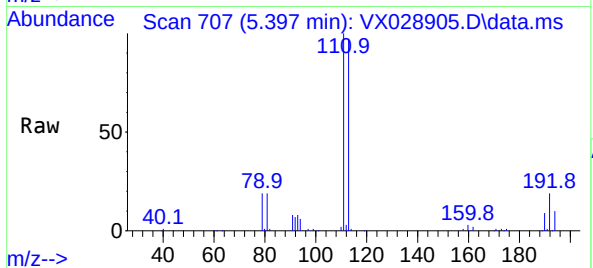




#32
1,1,1-Trichloroethane
Concen: 0.287 ug/l
RT: 5.397 min Scan# 704
Delta R.T. 0.018 min
Lab File: VX028905.D
Acq: 23 May 2022 19:29

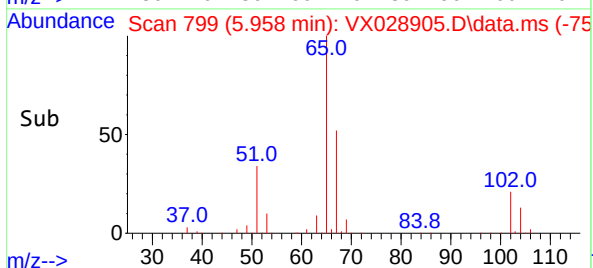
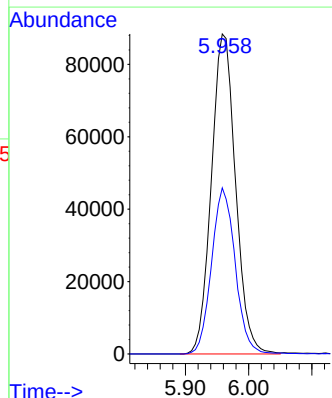
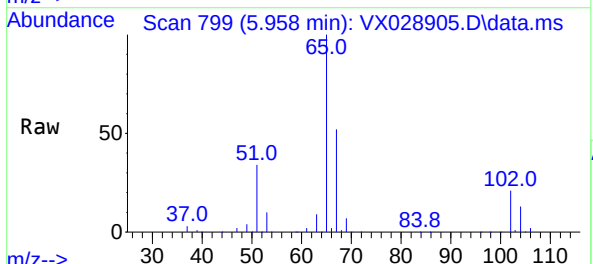
Instrument :
MSVOA_X
ClientSampleId :
16S-20220520

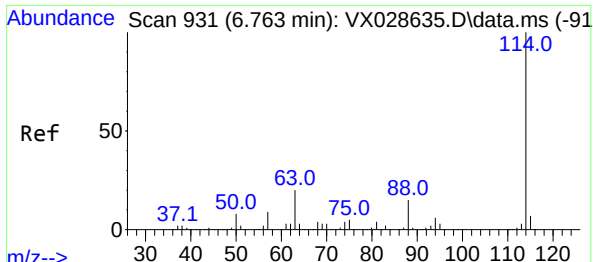
Tgt Ion: 97 Resp: 1894
Ion Ratio Lower Upper
97 100
99 0.0 51.8 77.6#
61 45.8 34.0 51.0



#33
1,2-Dichloroethane-d4
Concen: 50.503 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028905.D
Acq: 23 May 2022 19:29

Tgt Ion: 65 Resp: 234500
Ion Ratio Lower Upper
65 100
67 50.7 0.0 107.4

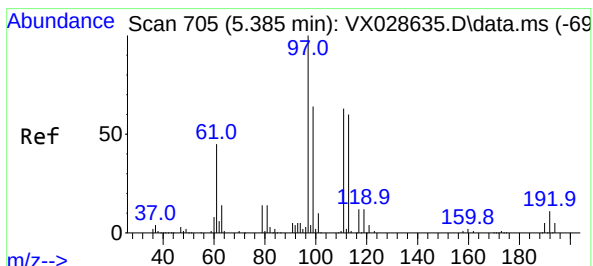
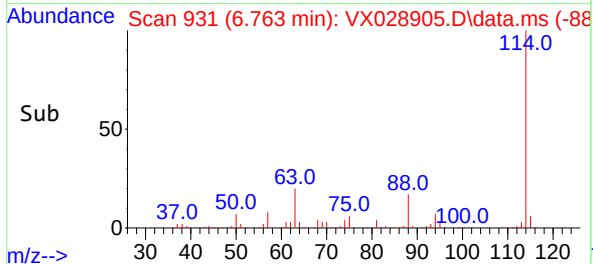
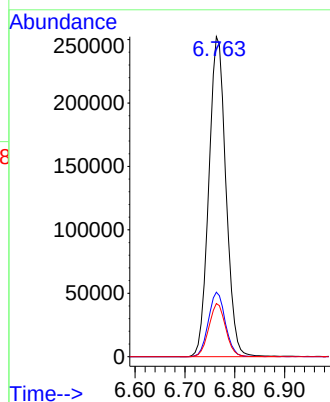
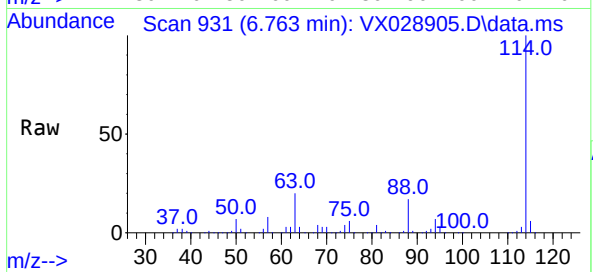




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX028905.D
Acq: 23 May 2022 19:29

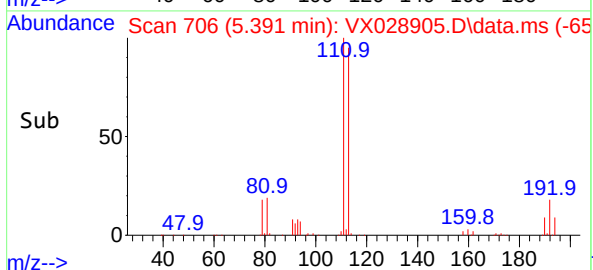
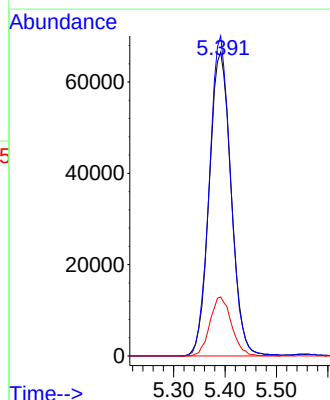
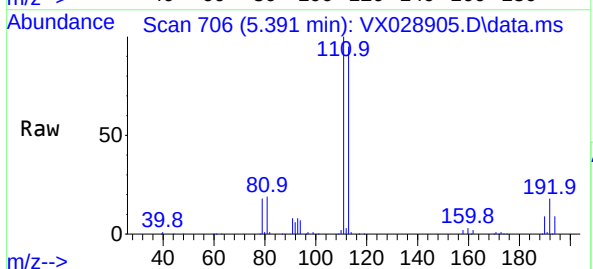
Instrument :
MSVOA_X
ClientSampleId :
16S-20220520

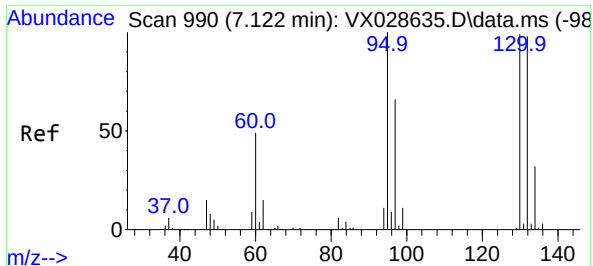
Tgt Ion:114 Resp: 599968
Ion Ratio Lower Upper
114 100
63 20.2 0.0 36.8
88 16.6 0.0 32.4



#35
Dibromofluoromethane
Concen: 50.101 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX028905.D
Acq: 23 May 2022 19:29

Tgt Ion:113 Resp: 196943
Ion Ratio Lower Upper
113 100
111 102.6 82.8 124.2
192 19.1 16.9 25.3





#44

Trichloroethene

Concen: 0.635 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.007 min

Lab File: VX028905.D

Acq: 23 May 2022 19:29

Instrument :

MSVOA_X

ClientSampleId :

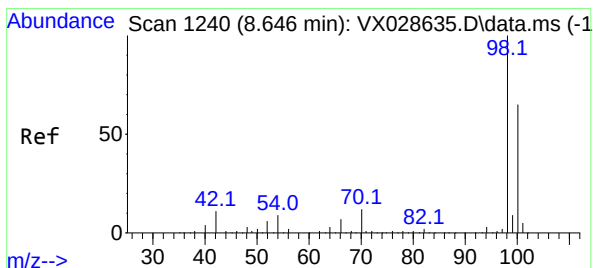
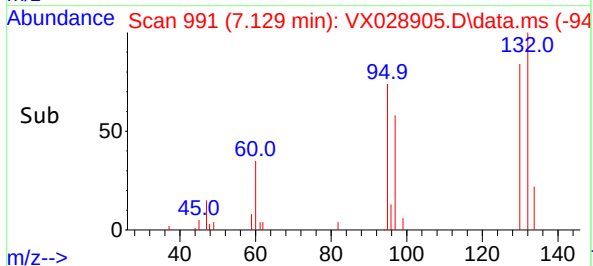
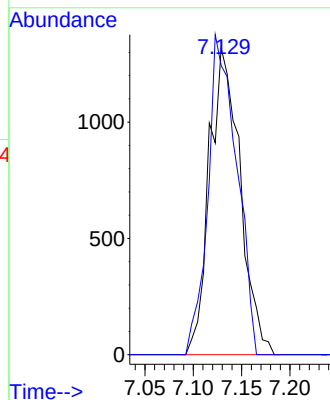
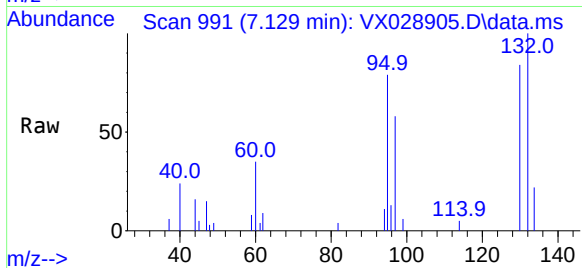
16S-20220520

Tgt Ion:130 Resp: 2923

Ion Ratio Lower Upper

130 100

95 94.2 0.0 188.8



#50

Toluene-d8

Concen: 48.499 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.007 min

Lab File: VX028905.D

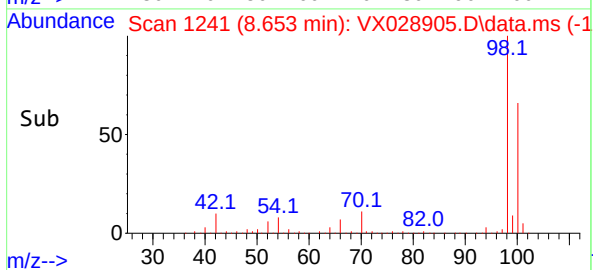
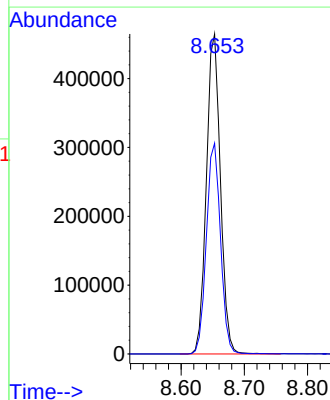
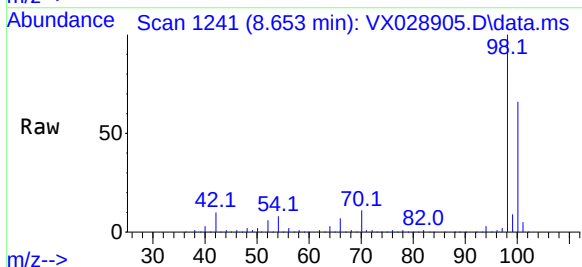
Acq: 23 May 2022 19:29

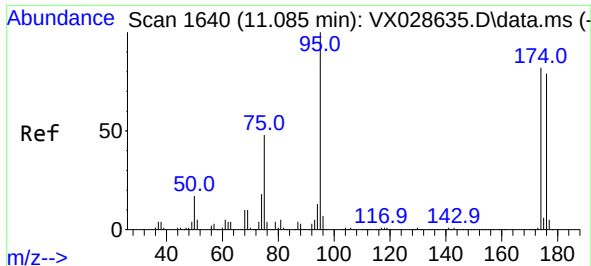
Tgt Ion: 98 Resp: 718760

Ion Ratio Lower Upper

98 100

100 66.4 52.6 78.8

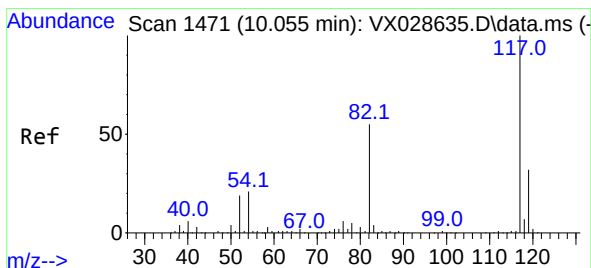
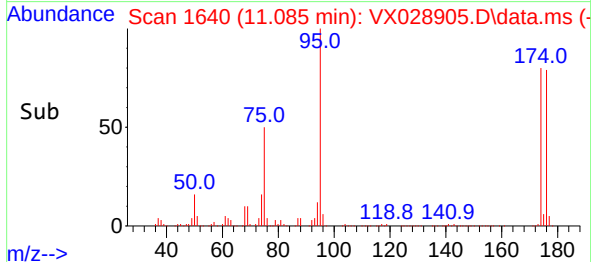
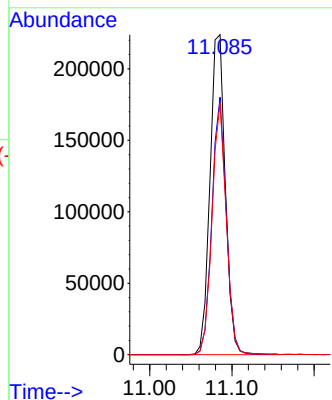
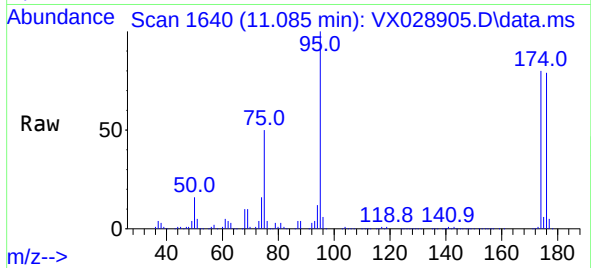




#62
4-Bromofluorobenzene
Concen: 52.349 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX028905.D
Acq: 23 May 2022 19:29

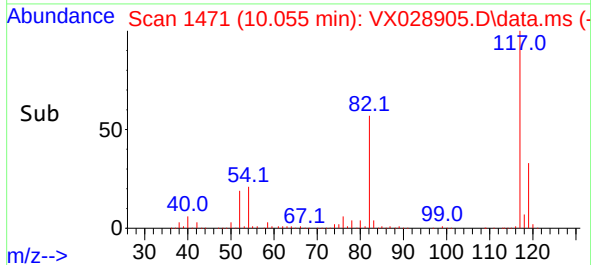
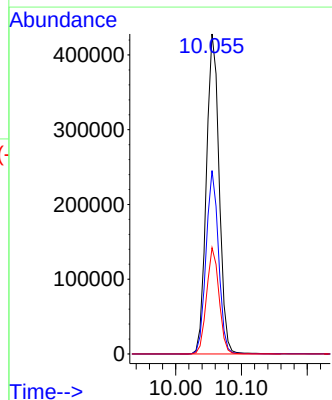
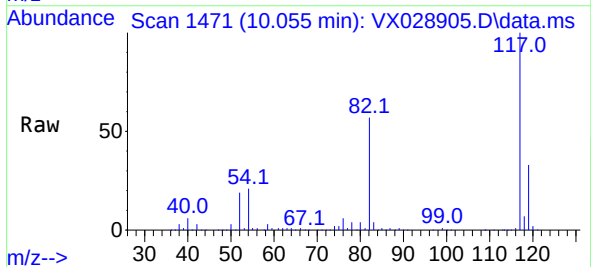
Instrument :
MSVOA_X
ClientSampleId :
16S-20220520

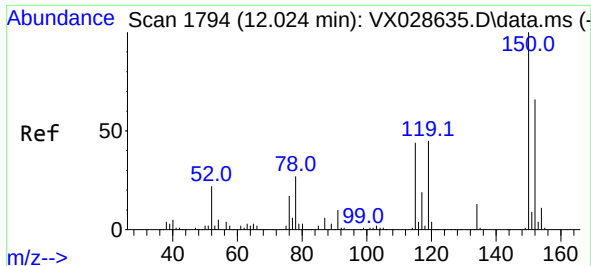
Tgt Ion: 95 Resp: 289776
Ion Ratio Lower Upper
95 100
174 75.4 0.0 163.0
176 73.3 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028905.D
Acq: 23 May 2022 19:29

Tgt Ion: 117 Resp: 579400
Ion Ratio Lower Upper
117 100
82 57.3 41.8 62.8
119 33.2 24.8 37.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX028905.D

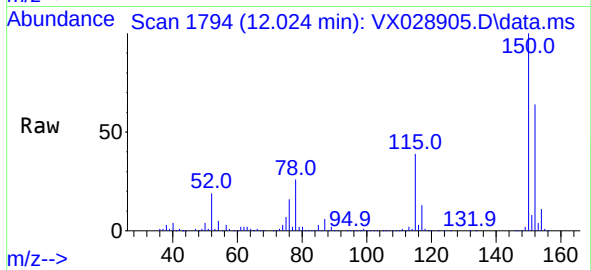
Acq: 23 May 2022 19:29

Instrument :

MSVOA_X

ClientSampleId :

16S-20220520



Tgt Ion:152 Resp: 276562

Ion Ratio Lower Upper

152 100

115 62.0 37.5 112.7

150 157.0 0.0 338.2

