

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)

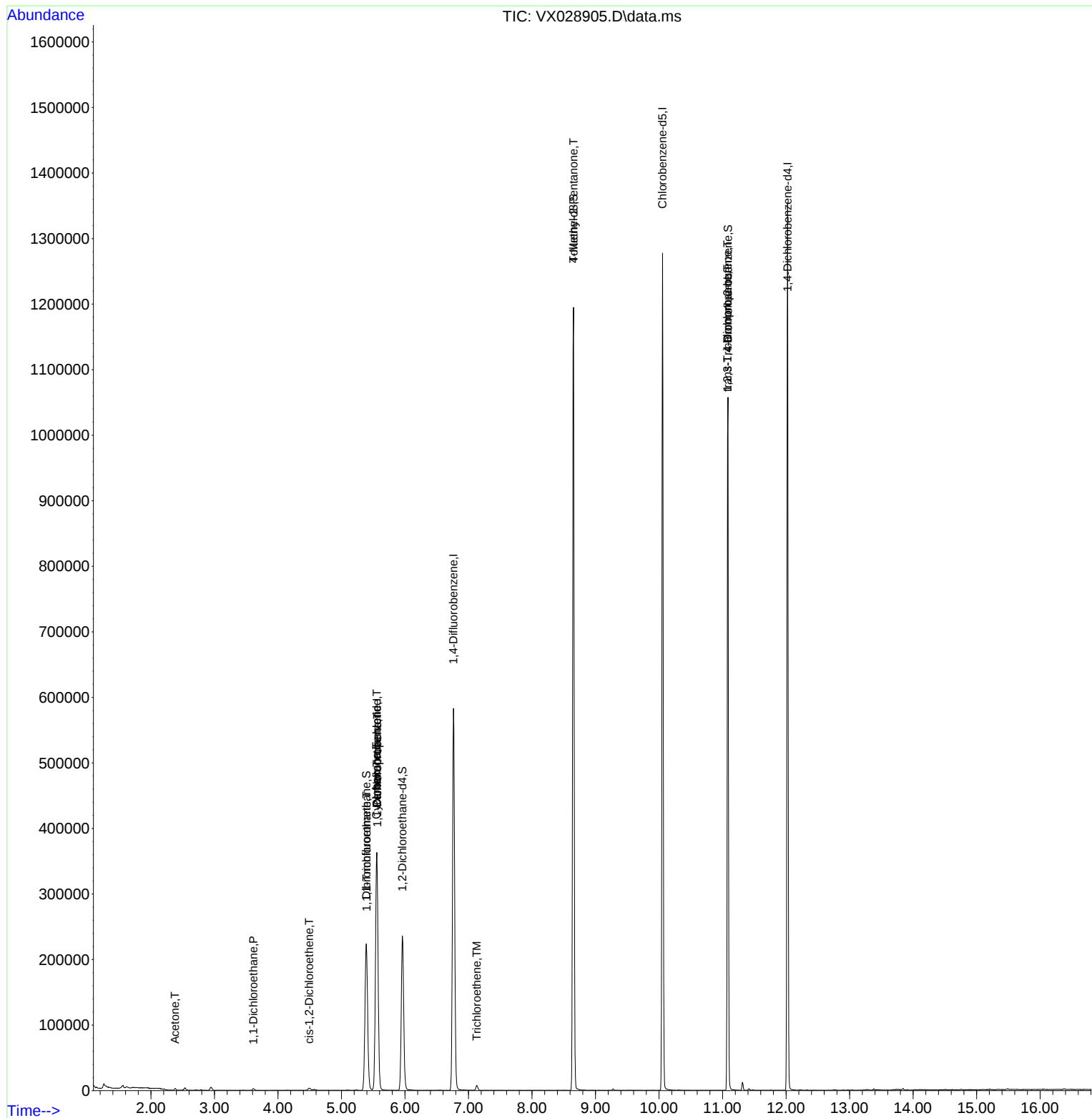
Internal Standards						
1) Pentafluorobenzene	5.556	168	338738	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	599968	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	579400	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	276562	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	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	
5) Bromomethane	1.612	94	1090	Below Cal		97
6) Chloroethane	1.654	64	1143	Below Cal	#	43
11) Tert butyl alcohol	2.947	59	2849	Below Cal	#	72
16) Acetone	2.380	43	2898	1.454	ug/l #	76
24) 1,1-Dichloroethane	3.611	63	2808	0.402	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	2048	0.444	ug/l	80
31) Cyclohexane	5.550	56	6652	1.032	ug/l #	1
32) 1,1,1-Trichloroethane	5.397	97	1894	0.287	ug/l #	48
36) 1,1-Dichloropropene	5.562	75	26631	4.511	ug/l #	50
38) Carbon Tetrachloride	5.556	117	36262	6.103	ug/l #	15
44) Trichloroethene	7.129	130	2923	0.635	ug/l	100
51) 4-Methyl-2-Pentanone	8.653	43	2933	0.462	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	145177	22.415	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	145177	65.563	ug/l #	15

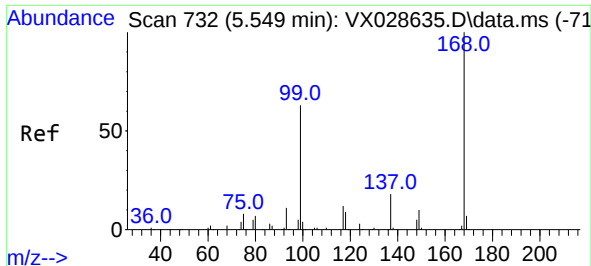
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#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 :

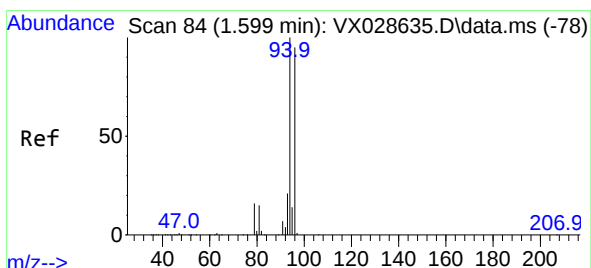
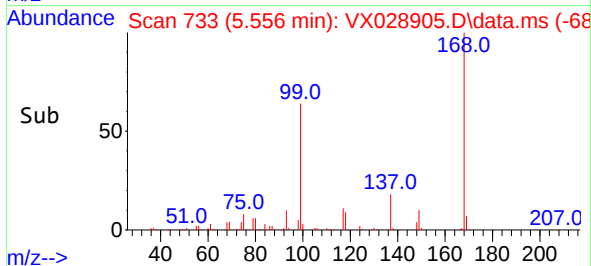
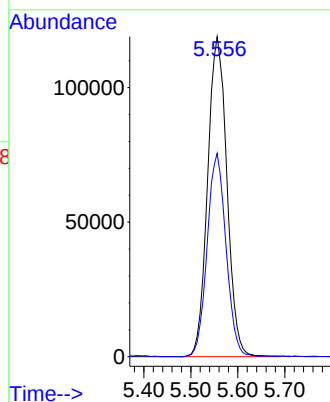
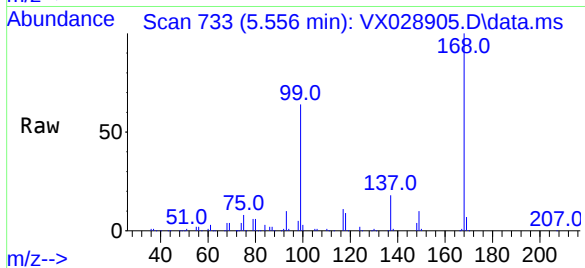
16S-20220520

Tgt Ion:168 Resp: 338738

Ion Ratio Lower Upper

168 100

99 63.6 41.7 62.5#



#5

Bromomethane

Concen: Below Cal

RT: 1.612 min Scan# 86

Delta R.T. 0.013 min

Lab File: VX028905.D

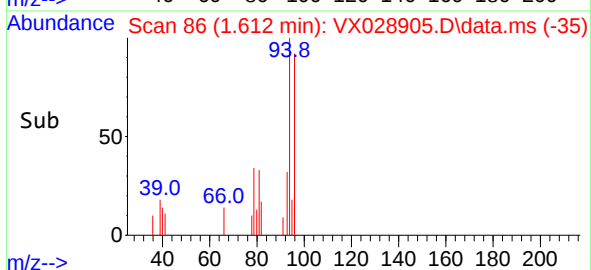
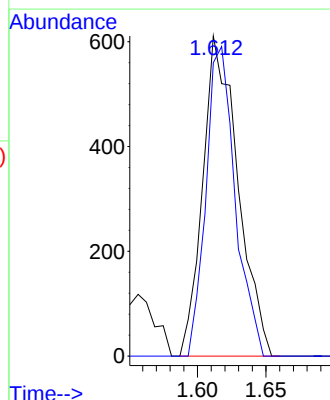
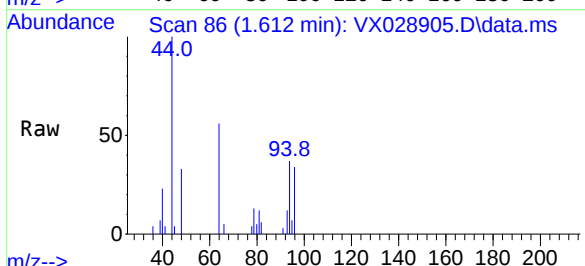
Acq: 23 May 2022 19:29

Tgt Ion: 94 Resp: 1090

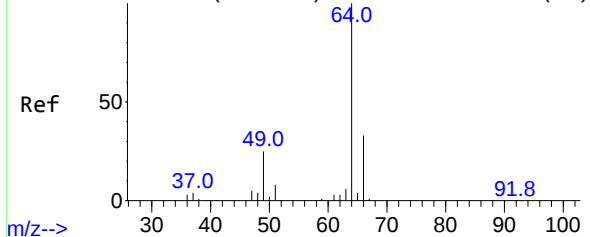
Ion Ratio Lower Upper

94 100

96 91.7 75.3 112.9



Abundance Scan 97 (1.678 min): VX028635.D\data.ms (-90)



#6

Chloroethane

Concen: Below Cal

RT: 1.654 min Scan# 91

Delta R.T. -0.024 min

Lab File: VX028905.D

Acq: 23 May 2022 19:29

Instrument :

MSVOA_X

ClientSampleId :

16S-20220520

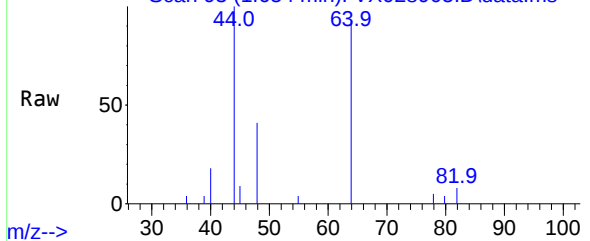
Tgt Ion: 64 Resp: 1143

Ion Ratio Lower Upper

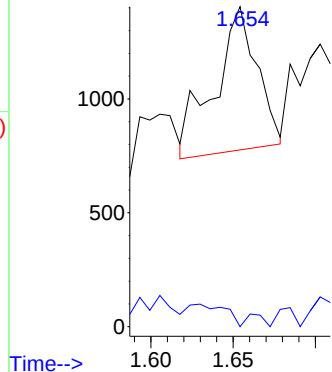
64 100

66 0.0 25.3 37.9#

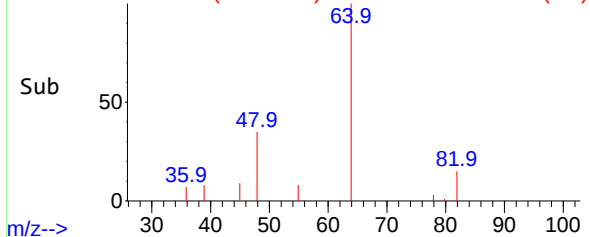
Abundance Scan 93 (1.654 min): VX028905.D\data.ms



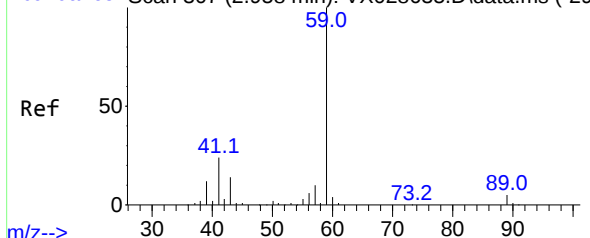
Abundance



Abundance Scan 93 (1.654 min): VX028905.D\data.ms (-48)



Abundance Scan 307 (2.958 min): VX028635.D\data.ms (-29)



#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.947 min Scan# 305

Delta R.T. -0.011 min

Lab File: VX028905.D

Acq: 23 May 2022 19:29

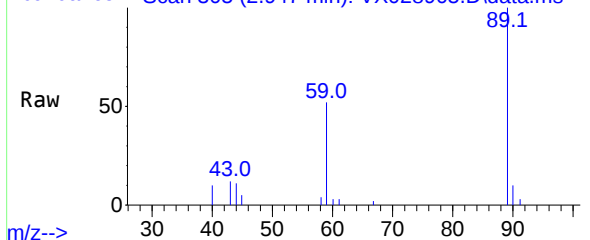
Tgt Ion: 59 Resp: 2849

Ion Ratio Lower Upper

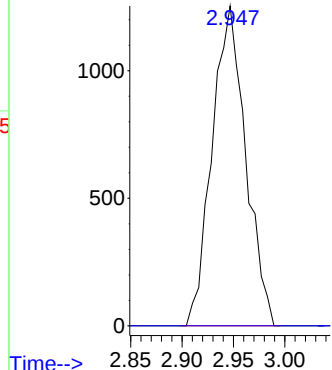
59 100

57 0.0 8.3 12.5#

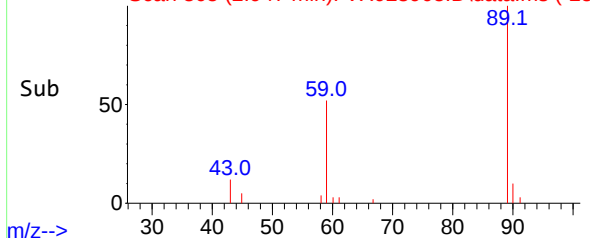
Abundance Scan 305 (2.947 min): VX028905.D\data.ms

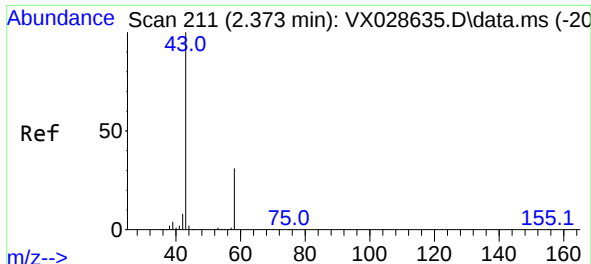


Abundance



Abundance Scan 305 (2.947 min): VX028905.D\data.ms (-25)

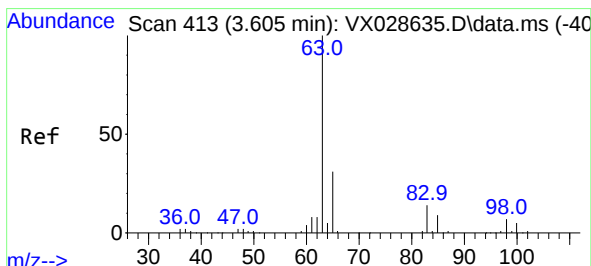
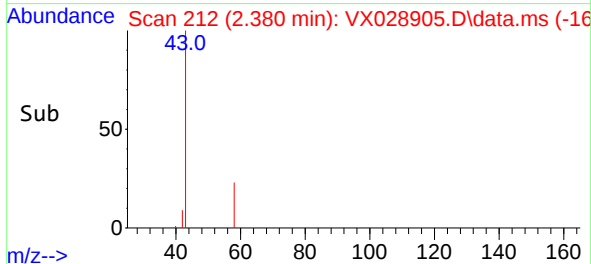
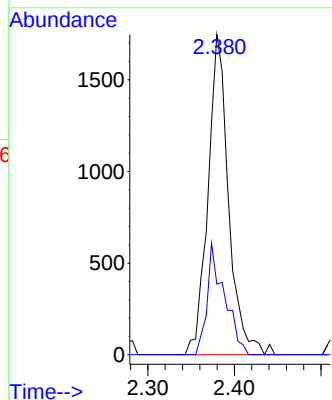
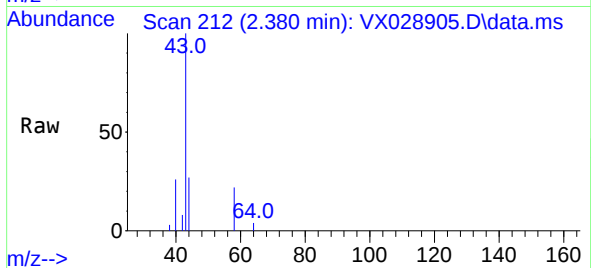




#16
Acetone
Concen: 1.454 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.007 min
Lab File: VX028905.D
Acq: 23 May 2022 19:29

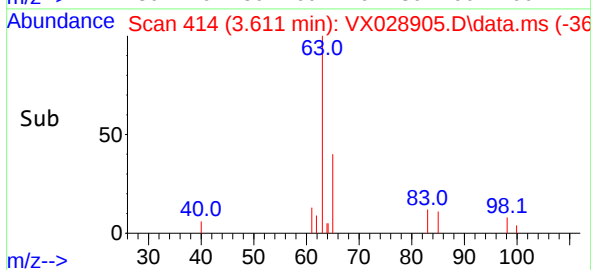
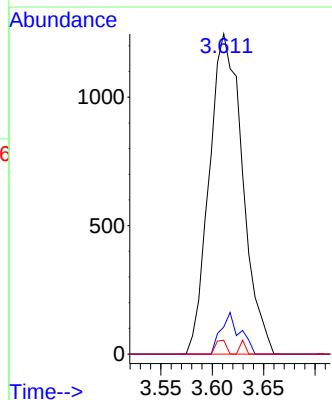
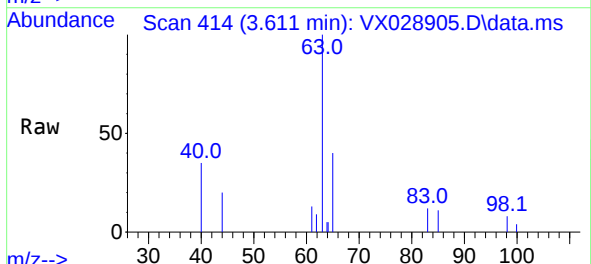
Instrument :
MSVOA_X
ClientSampleId :
16S-20220520

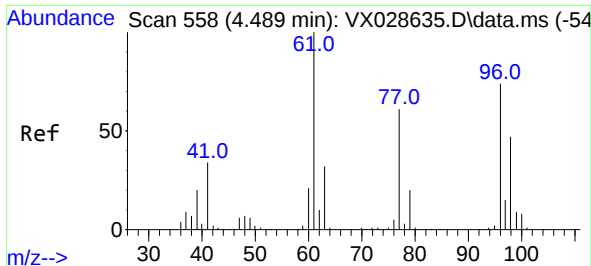
Tgt Ion: 43 Resp: 2898
Ion Ratio Lower Upper
43 100
58 22.1 28.8 43.2#



#24
1,1-Dichloroethane
Concen: 0.402 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.006 min
Lab File: VX028905.D
Acq: 23 May 2022 19:29

Tgt Ion: 63 Resp: 2808
Ion Ratio Lower Upper
63 100
98 8.4 3.9 11.7
100 4.3 2.4 7.2



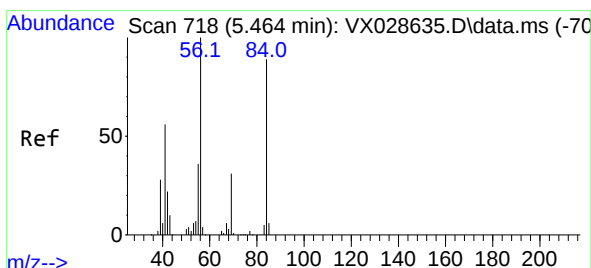
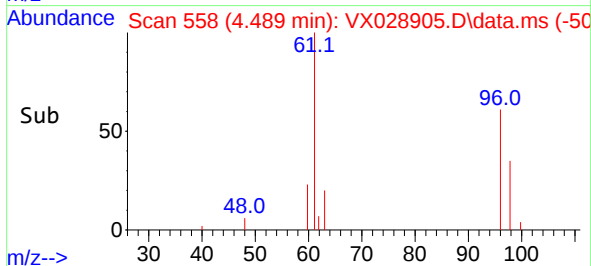
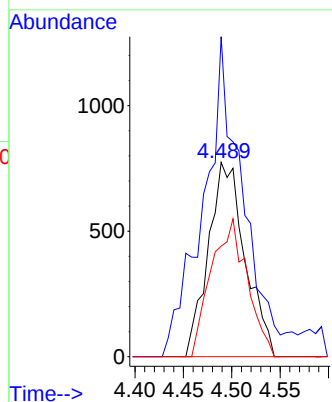
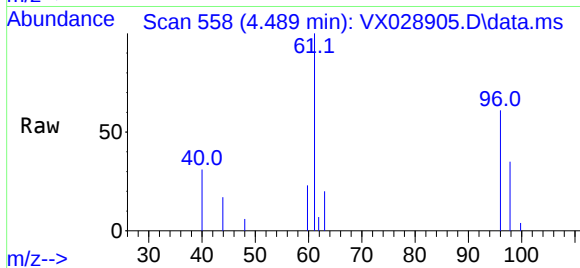


#27
 cis-1,2-Dichloroethene
 Concen: 0.444 ug/l
 RT: 4.489 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VX028905.D
 Acq: 23 May 2022 19:29

Instrument :
 MSVOA_X
 ClientSampleId :
 16S-20220520

Tgt Ion: 96 Resp: 2048

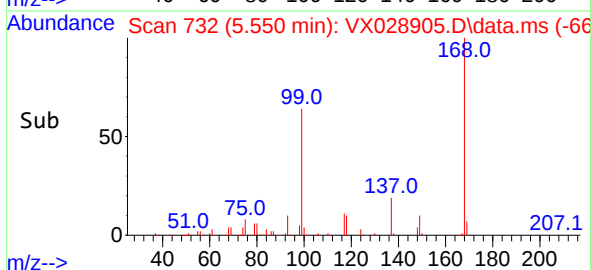
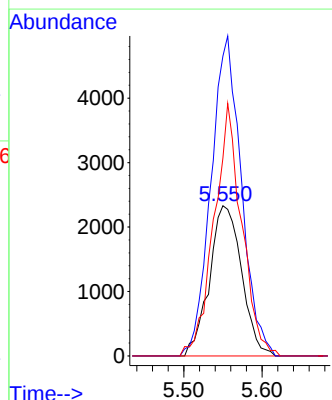
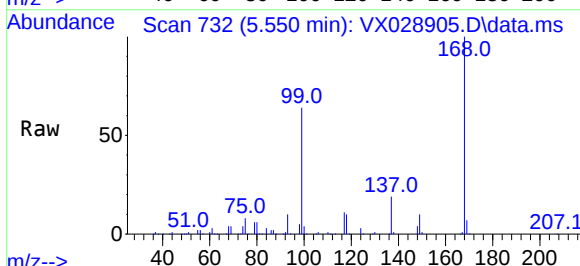
Ion	Ratio	Lower	Upper
96	100		
61	174.7	0.0	283.8
98	69.2	0.0	129.8

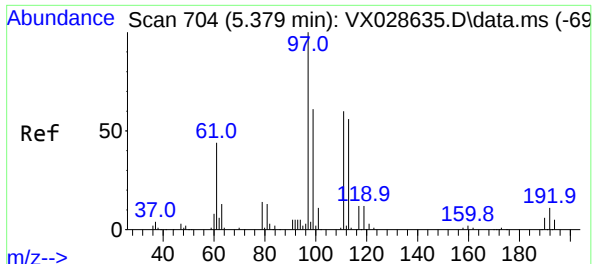


#31
 Cyclohexane
 Concen: 1.032 ug/l
 RT: 5.550 min Scan# 732
 Delta R.T. 0.086 min
 Lab File: VX028905.D
 Acq: 23 May 2022 19:29

Tgt Ion: 56 Resp: 6652

Ion	Ratio	Lower	Upper
56	100		
69	199.7	26.7	40.1#
84	131.8	77.2	115.8#

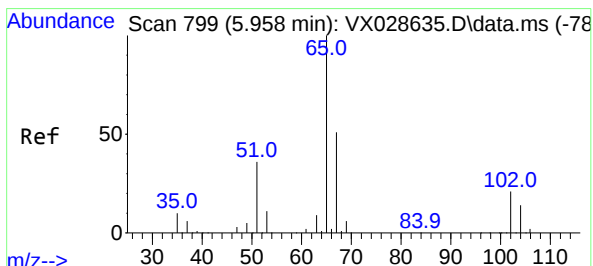
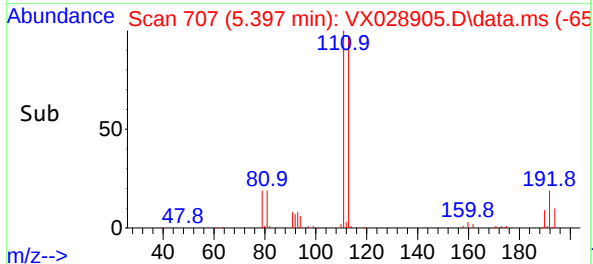
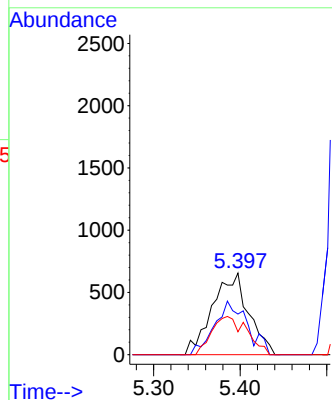
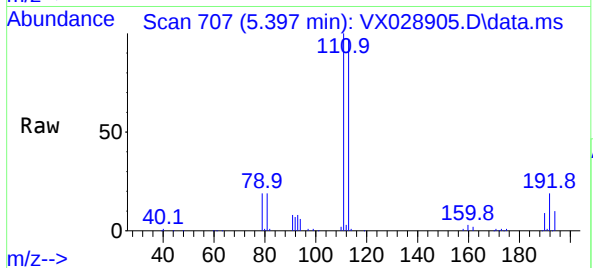




#32
1,1,1-Trichloroethane
Concen: 0.287 ug/l
RT: 5.397 min Scan# 704
Delta R.T. 0.018 min
Lab File: VX028905.D
Acq: 23 May 2022 19:29

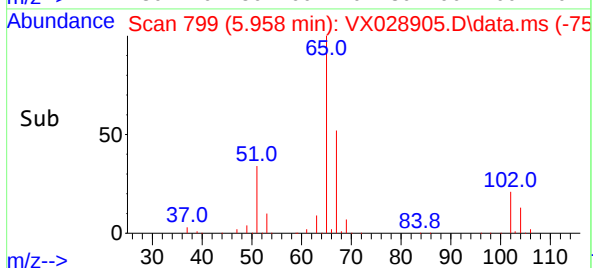
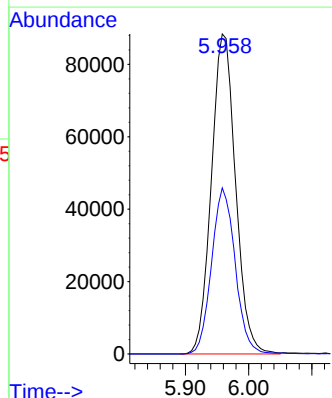
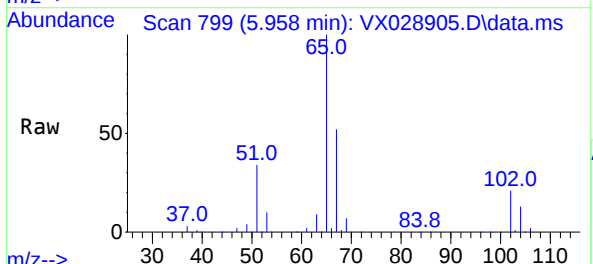
Instrument :
MSVOA_X
ClientSampleId :
16S-20220520

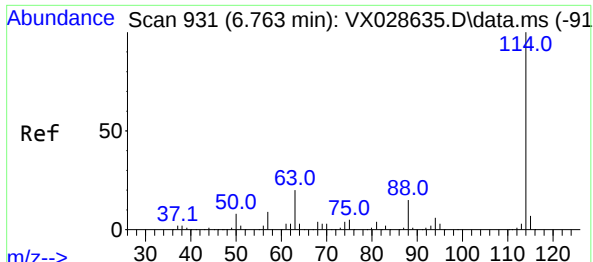
Tgt Ion: 97 Resp: 1894
Ion Ratio Lower Upper
97 100
99 0.0 51.8 77.6#
61 45.8 34.0 51.0



#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

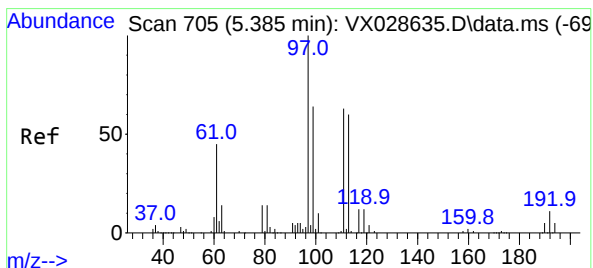
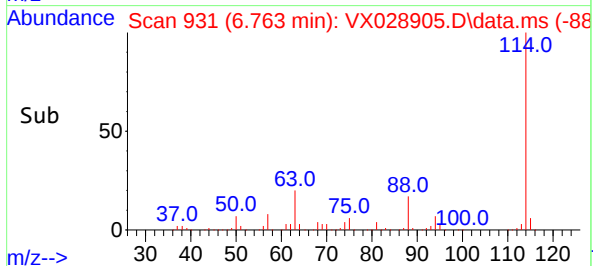
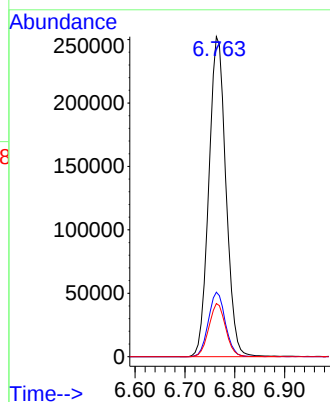
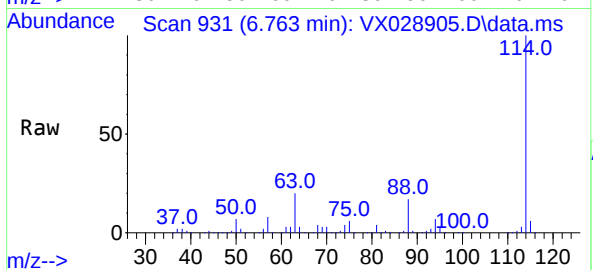




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX028905.D
Acq: 23 May 2022 19:29

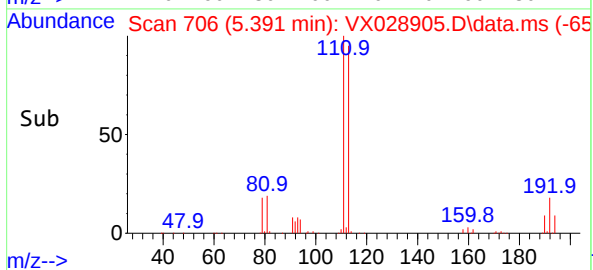
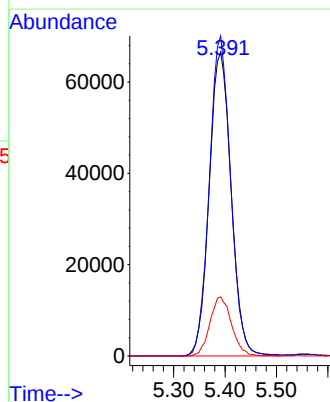
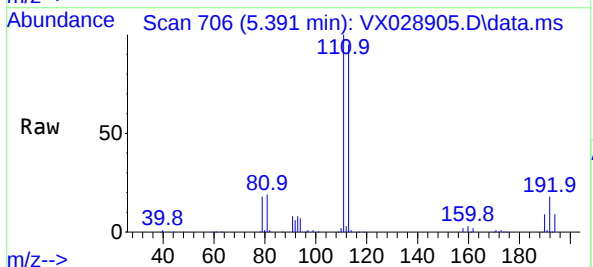
Instrument :
MSVOA_X
ClientSampleId :
16S-20220520

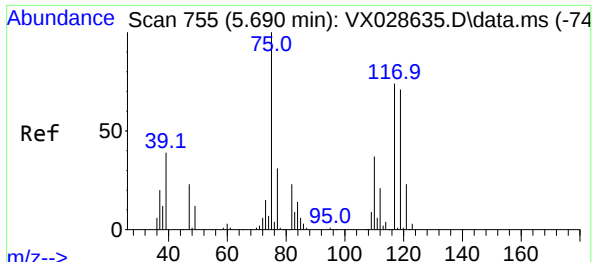
Tgt Ion:114 Resp: 599968
Ion Ratio Lower Upper
114 100
63 20.2 0.0 36.8
88 16.6 0.0 32.4



#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

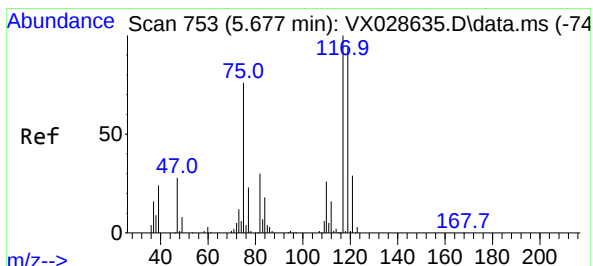
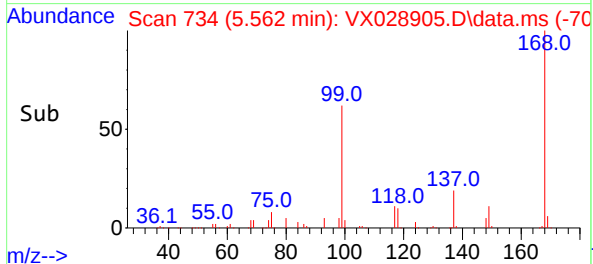
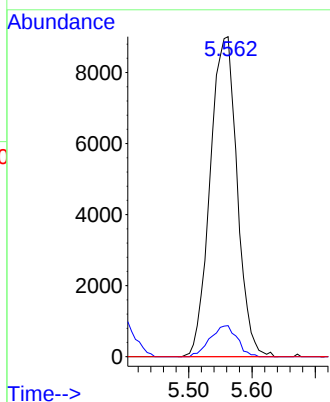
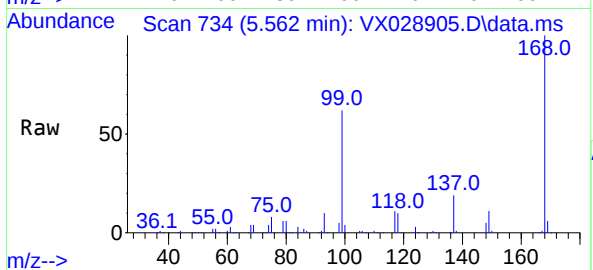




#36
1,1-Dichloropropene
Concen: 4.511 ug/l
RT: 5.562 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX028905.D
Acq: 23 May 2022 19:29

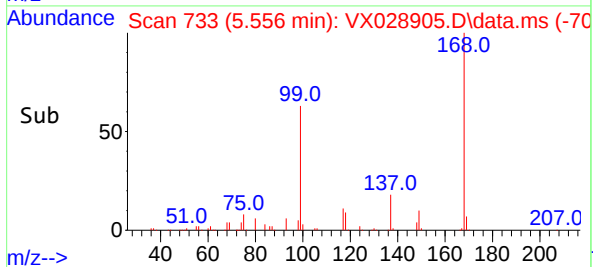
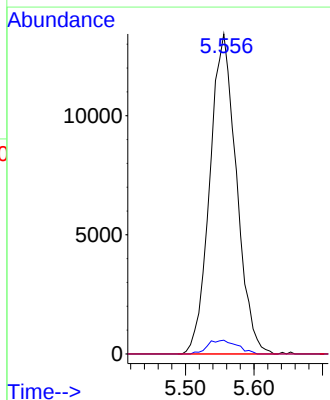
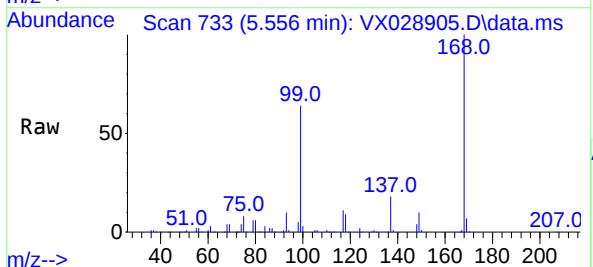
Instrument :
MSVOA_X
ClientSampleId :
16S-20220520

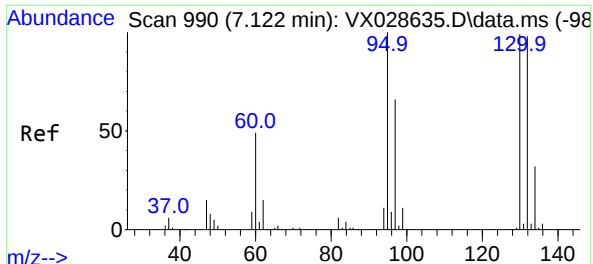
Tgt Ion: 75 Resp: 26631
Ion Ratio Lower Upper
75 100
110 9.8 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 6.103 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.121 min
Lab File: VX028905.D
Acq: 23 May 2022 19:29

Tgt Ion: 117 Resp: 36262
Ion Ratio Lower Upper
117 100
119 4.3 77.3 115.9#
121 0.0 24.2 36.2#





#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 :

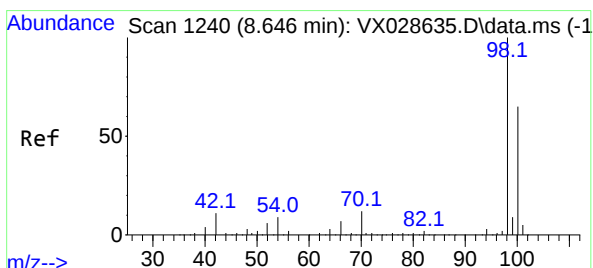
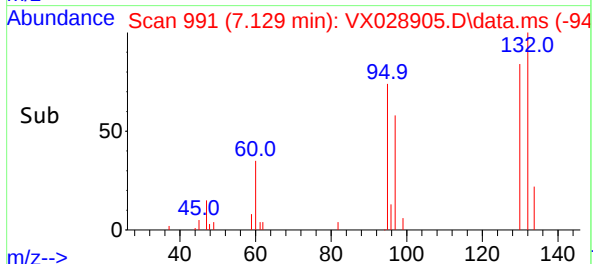
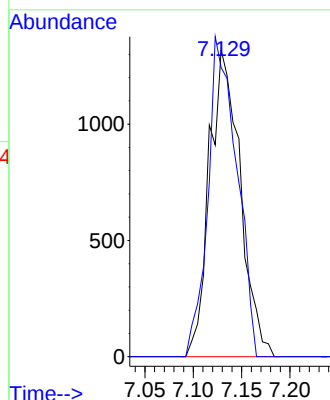
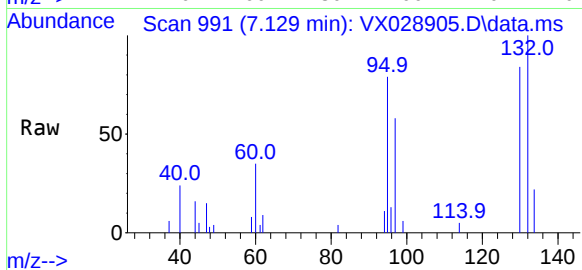
16S-20220520

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

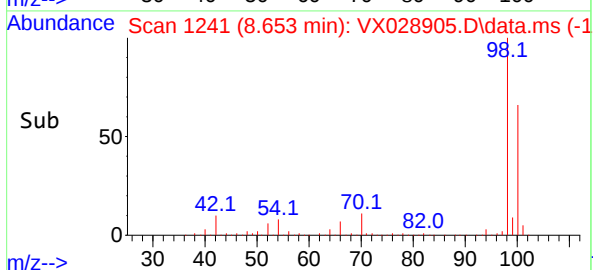
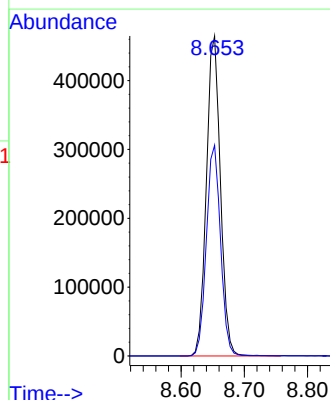
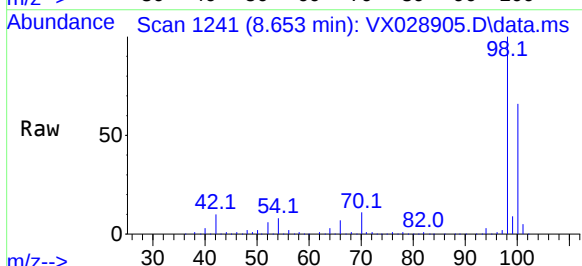
Acq: 23 May 2022 19:29

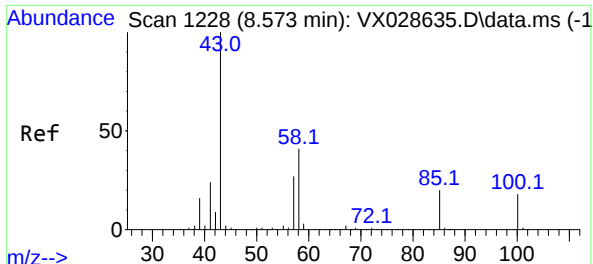
Tgt Ion: 98 Resp: 718760

Ion Ratio Lower Upper

98 100

100 66.4 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 0.462 ug/l

RT: 8.653 min Scan# 11

Delta R.T. 0.080 min

Lab File: VX028905.D

Acq: 23 May 2022 19:29

Instrument :

MSVOA_X

ClientSampleId :

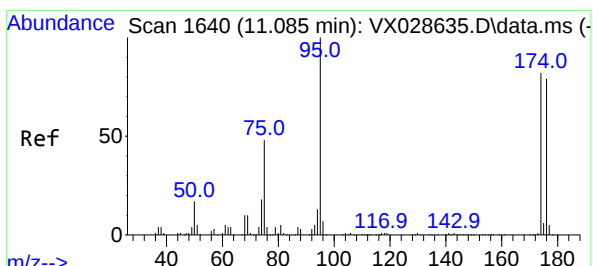
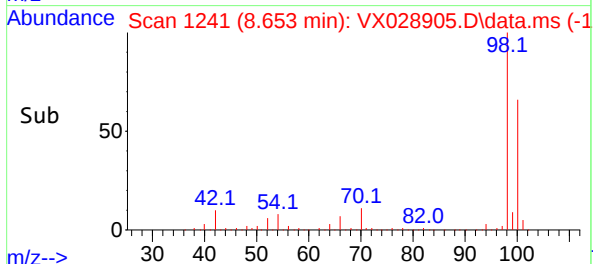
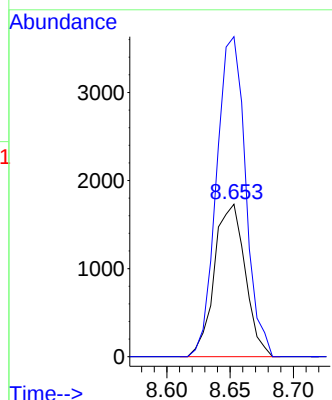
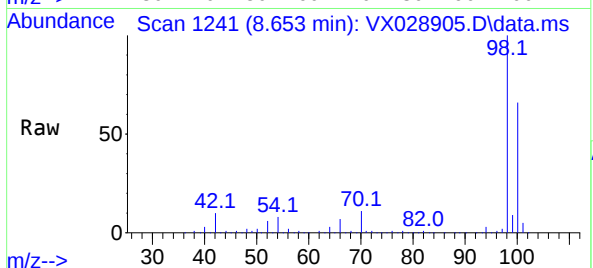
16S-20220520

Tgt Ion: 43 Resp: 2933

Ion Ratio Lower Upper

43 100

58 197.7 36.1 54.1#



#62

4-Bromofluorobenzene

Concen: 52.349 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX028905.D

Acq: 23 May 2022 19:29

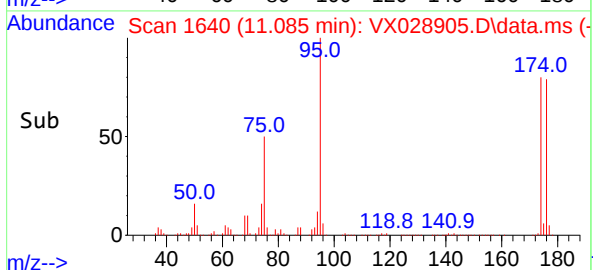
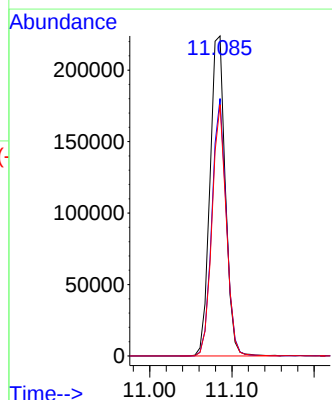
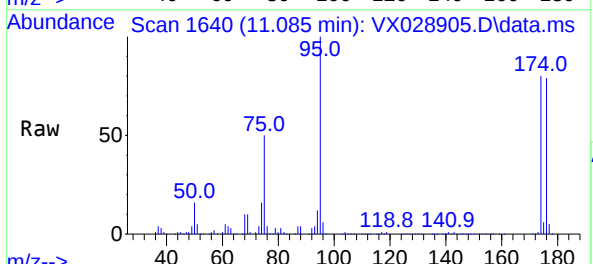
Tgt Ion: 95 Resp: 289776

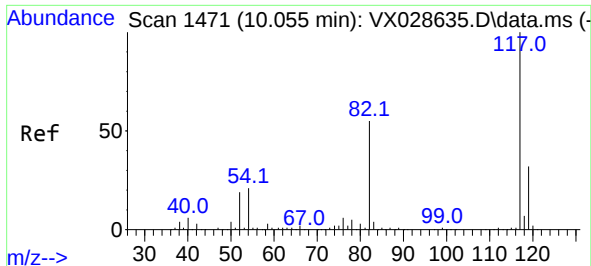
Ion Ratio Lower Upper

95 100

174 75.4 0.0 163.0

176 73.3 0.0 155.0

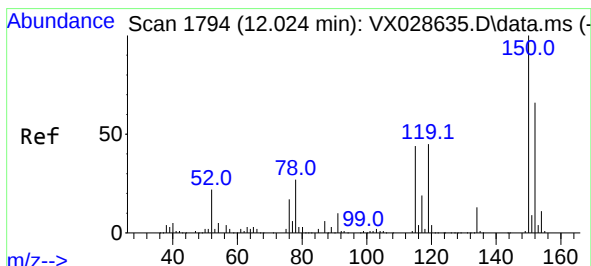
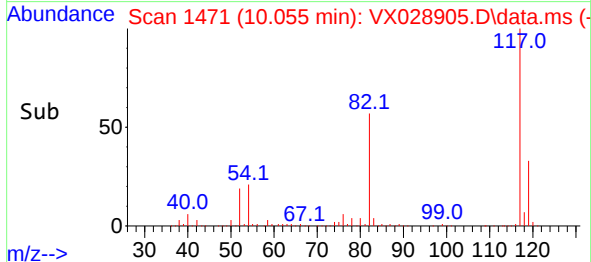
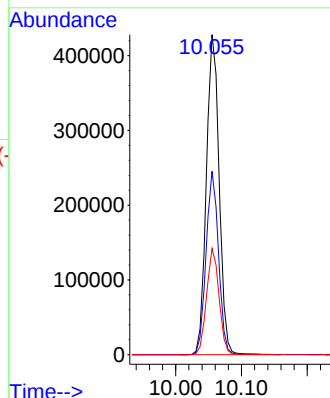
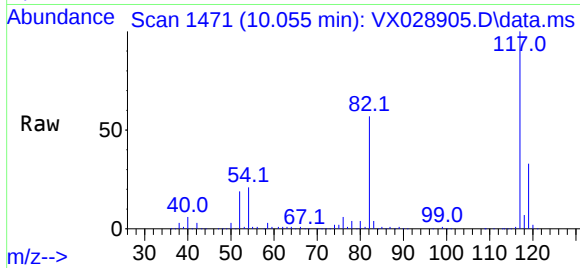




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028905.D
Acq: 23 May 2022 19:29

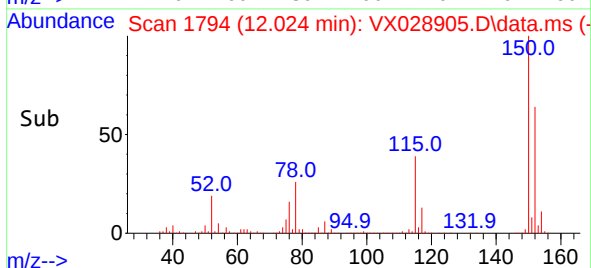
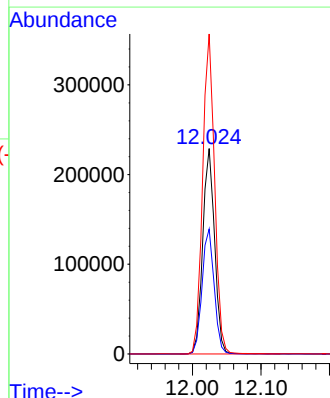
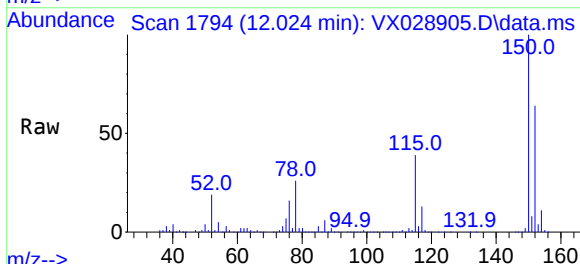
Instrument :
MSVOA_X
ClientSampleId :
16S-20220520

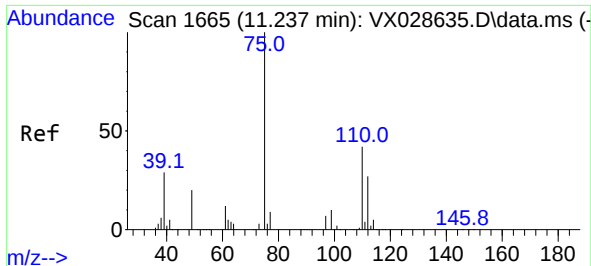
Tgt Ion:117 Resp: 579400
Ion Ratio Lower Upper
117 100
82 57.3 41.8 62.8
119 33.2 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028905.D
Acq: 23 May 2022 19:29

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

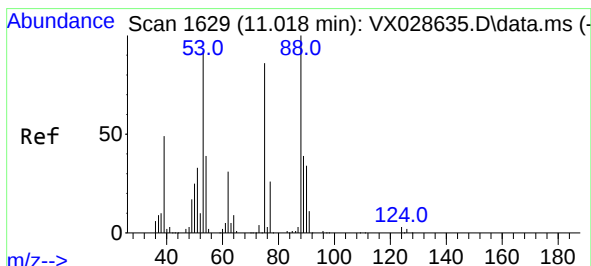
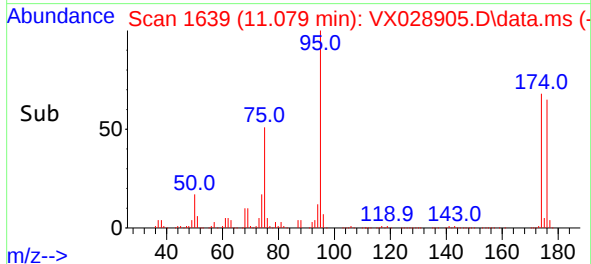
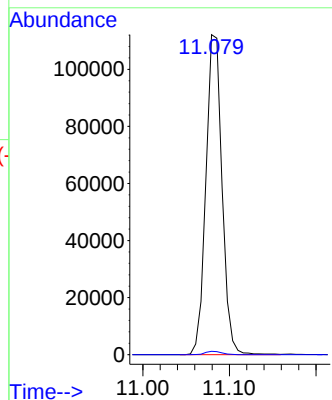
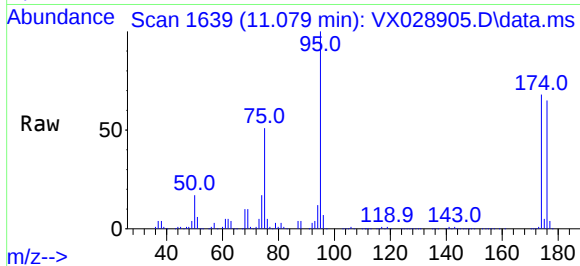




#76
1,2,3-Trichloropropane
Concen: 22.415 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX028905.D
Acq: 23 May 2022 19:29

Instrument :
MSVOA_X
ClientSampleId :
16S-20220520

Tgt Ion: 75 Resp: 145177
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 65.563 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX028905.D
Acq: 23 May 2022 19:29

Tgt Ion: 75 Resp: 145177
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

