

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060222\
 Data File : VX029169.D
 Acq On : 03 Jun 2022 05:32
 Operator : JC/MD
 Sample : N3164-09 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 31S-20220531

Quant Time: Jun 03 06:29:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 01 04:45:42 2022
 Response via : Initial Calibration

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

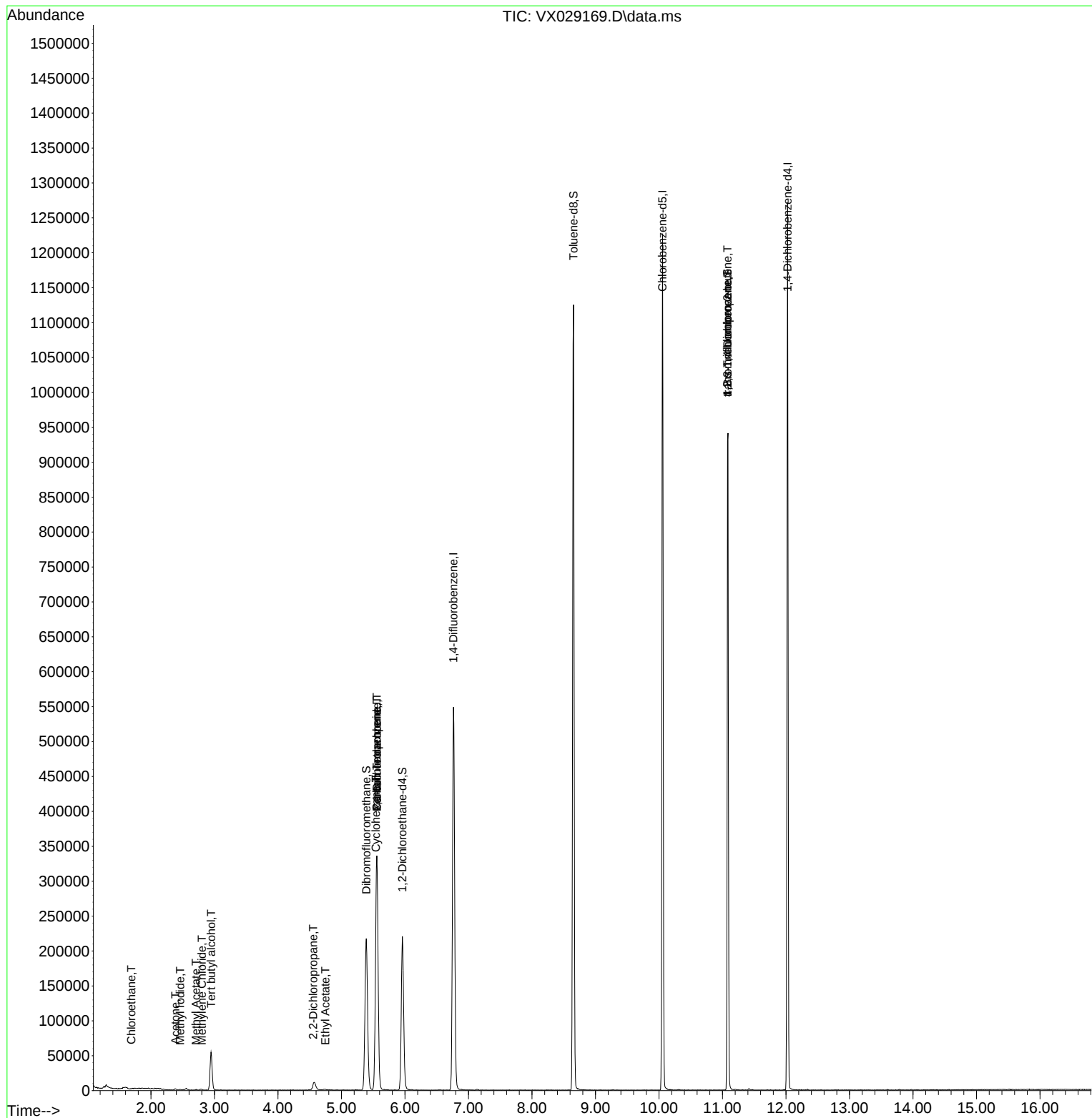
Internal Standards						
1) Pentafluorobenzene	5.556	168	319549	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	588585	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	564534	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	259396	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	206221	57.230	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	114.460%
35) Dibromofluoromethane	5.391	113	194546	49.762	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.520%
50) Toluene-d8	8.653	98	690110	48.264	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.520%
62) 4-Bromofluorobenzene	11.079	95	273044	49.400	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	98.800%
Target Compounds						
					Qvalue	
5) Bromomethane	1.612	94	903	Below Cal	#	63
6) Chloroethane	1.691	64	630	1.623	ug/l #	43
10) Methyl Iodide	2.459	142	1080	4.501	ug/l #	91
11) Tert butyl alcohol	2.947	59	30443	36.470	ug/l #	74
16) Acetone	2.386	43	2117	1.492	ug/l #	83
18) Methyl Acetate	2.709	43	858	0.234	ug/l	90
20) Methylene Chloride	2.800	84	809	0.245	ug/l #	68
26) 2,2-Dichloropropane	4.556	77	1049	0.239	ug/l #	52
31) Cyclohexane	5.544	56	5694	1.215	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	24251	4.821	ug/l #	46
37) Ethyl Acetate	4.745	43	1834	0.376	ug/l #	87
38) Carbon Tetrachloride	5.556	117	33234	5.781	ug/l #	16
44) Trichloroethene	7.135	130	470	Below Cal		86
76) 1,2,3-Trichloropropane	11.079	75	129246	24.579	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	129246	72.110	ug/l #	15
94) Hexachlorobutadiene	13.725	225	110	Below Cal	#	16

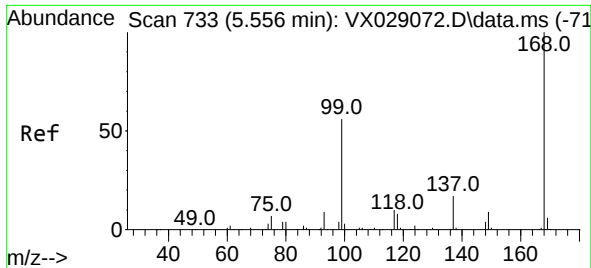
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060222\
Data File : VX029169.D
Acq On : 03 Jun 2022 05:32
Operator : JC/MD
Sample : N3164-09 50X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
31S-20220531

Quant Time: Jun 03 06:29:52 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053122W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 01 04:45:42 2022
Response via : Initial Calibration

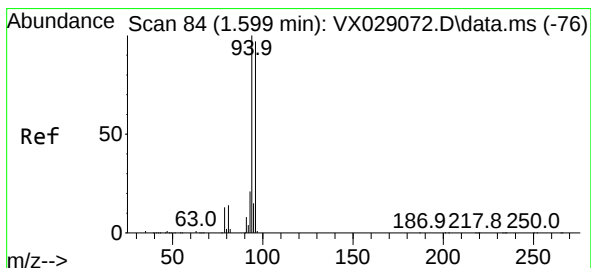
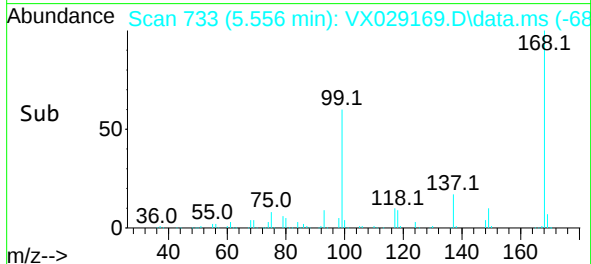
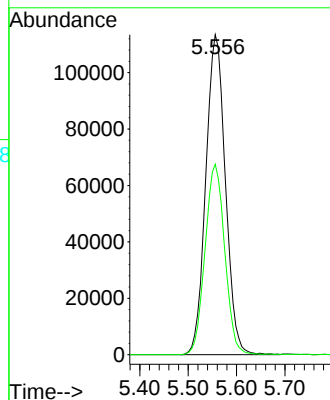
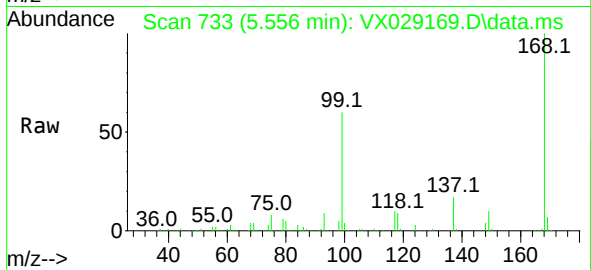




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029169.D
Acq: 03 Jun 2022 05:32

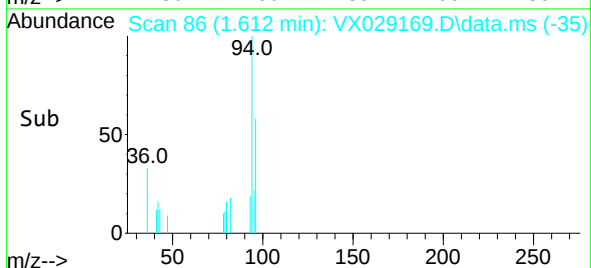
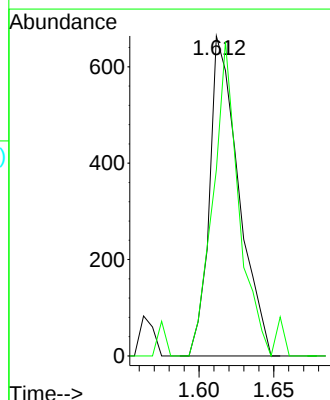
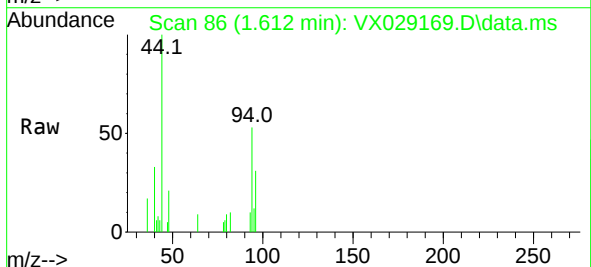
Instrument :
MSVOA_X
ClientSampleId :
31S-20220531

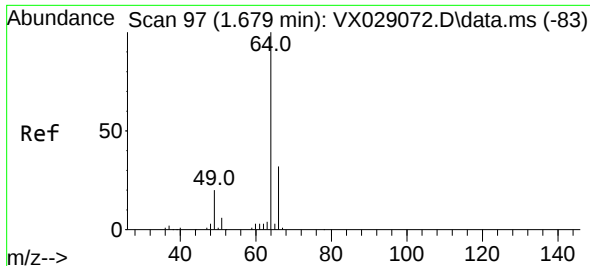
Tgt Ion:168 Resp: 319549
Ion Ratio Lower Upper
168 100
99 59.5 41.7 62.5



#5
Bromomethane
Concen: Below Cal
RT: 1.612 min Scan# 86
Delta R.T. 0.013 min
Lab File: VX029169.D
Acq: 03 Jun 2022 05:32

Tgt Ion: 94 Resp: 903
Ion Ratio Lower Upper
94 100
96 58.1 75.3 112.9#

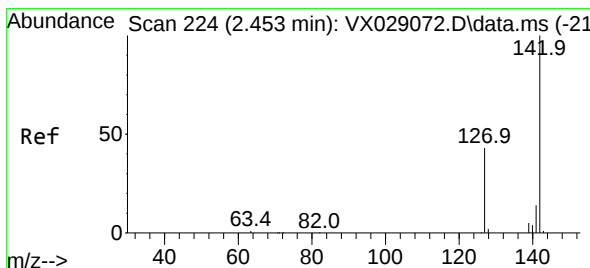
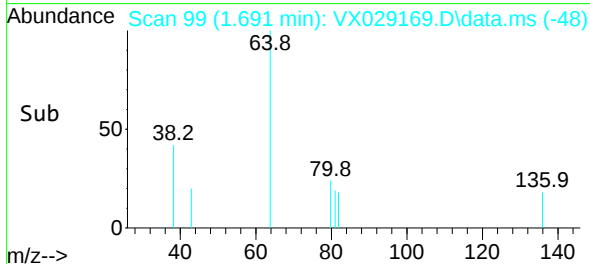
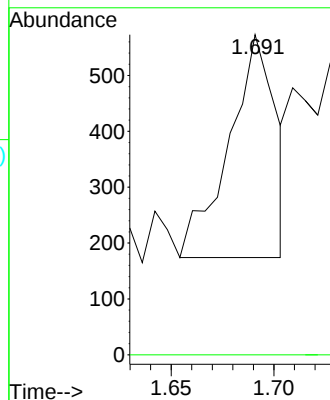
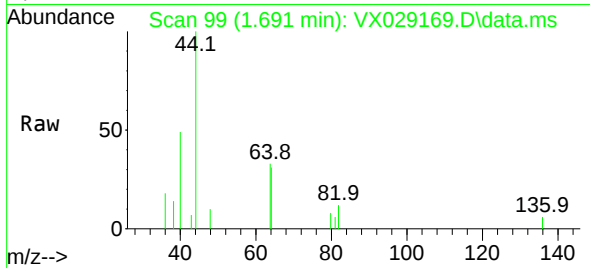




#6
Chloroethane
Concen: 1.623 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.012 min
Lab File: VX029169.D
Acq: 03 Jun 2022 05:32

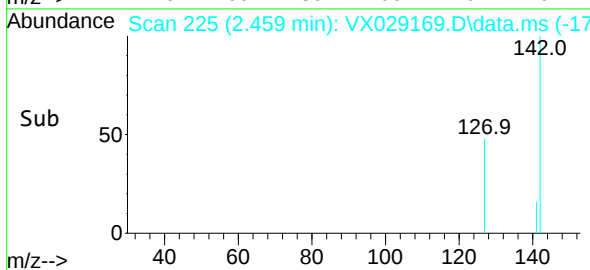
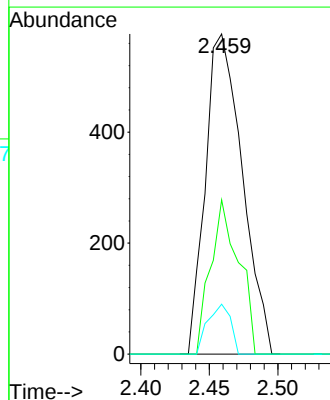
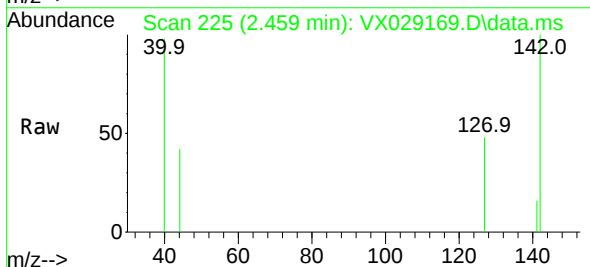
Instrument :
MSVOA_X
ClientSampleId :
31S-20220531

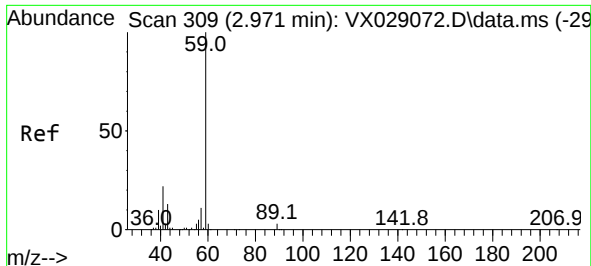
Tgt Ion: 64 Resp: 630
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



#10
Methyl Iodide
Concen: 4.501 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX029169.D
Acq: 03 Jun 2022 05:32

Tgt Ion: 142 Resp: 1080
Ion Ratio Lower Upper
142 100
127 36.9 33.9 50.9
141 9.6 11.4 17.2#





#11

Tert butyl alcohol

Concen: 36.470 ug/l

RT: 2.947 min Scan# 305

Delta R.T. -0.024 min

Lab File: VX029169.D

Acq: 03 Jun 2022 05:32

Instrument :

MSVOA_X

ClientSampleId :

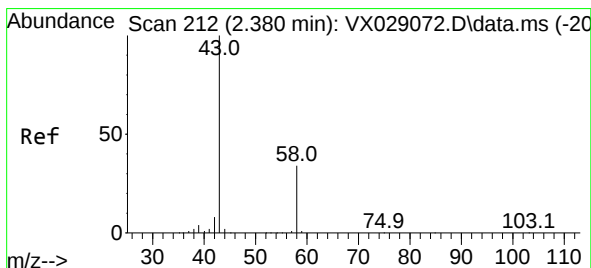
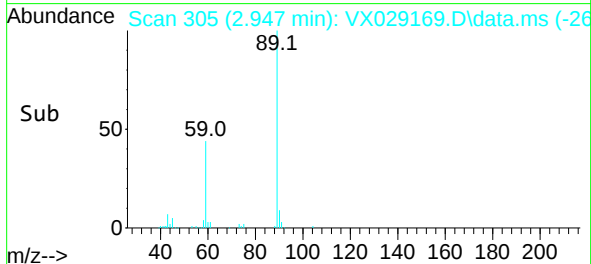
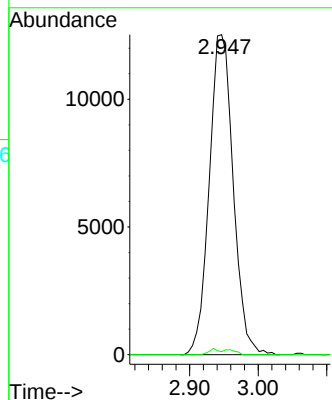
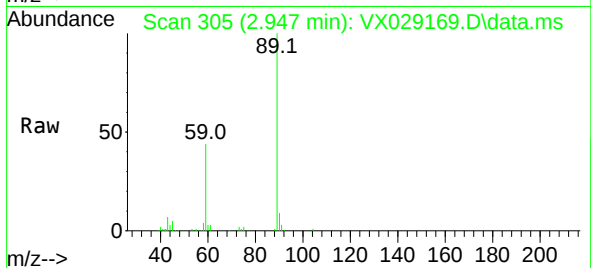
31S-20220531

Tgt Ion: 59 Resp: 30443

Ion Ratio Lower Upper

59 100

57 0.8 8.3 12.5#



#16

Acetone

Concen: 1.492 ug/l

RT: 2.386 min Scan# 213

Delta R.T. 0.006 min

Lab File: VX029169.D

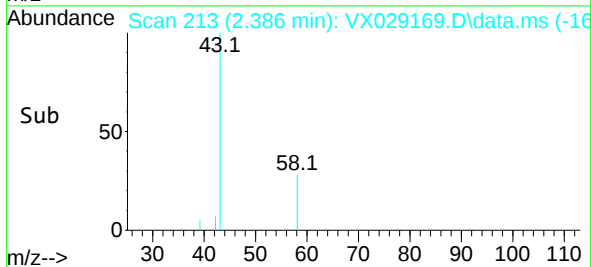
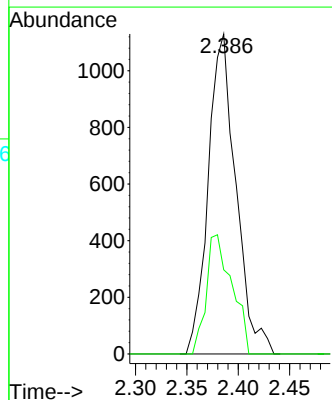
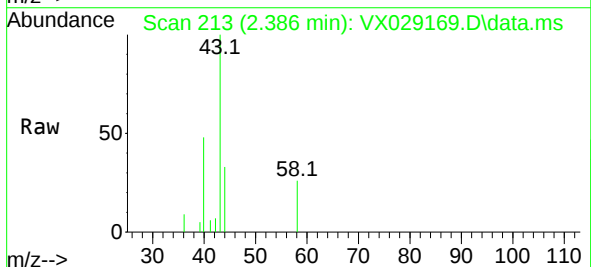
Acq: 03 Jun 2022 05:32

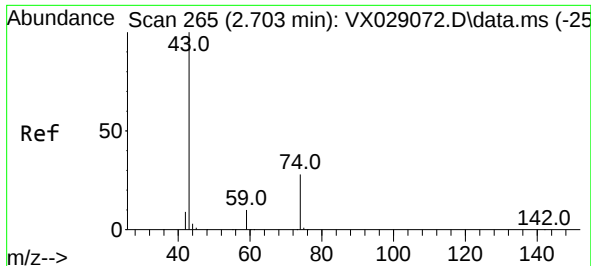
Tgt Ion: 43 Resp: 2117

Ion Ratio Lower Upper

43 100

58 26.3 28.8 43.2#

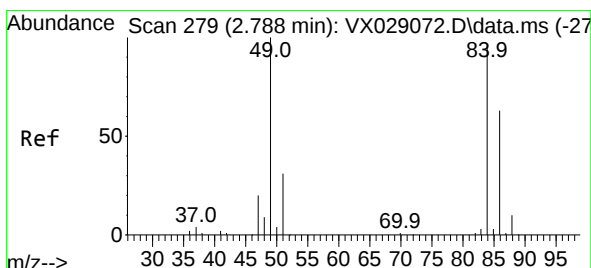
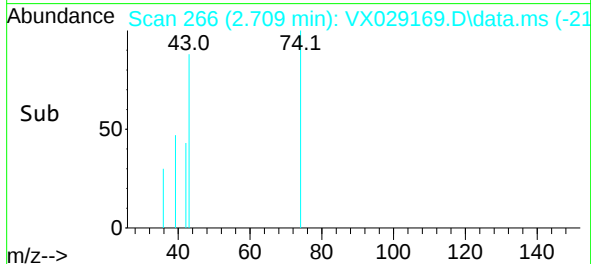
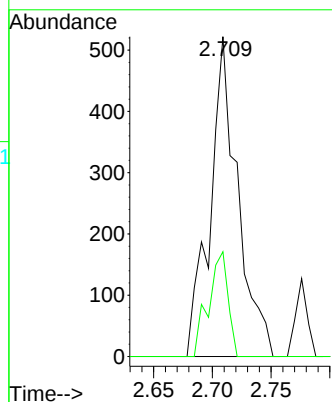
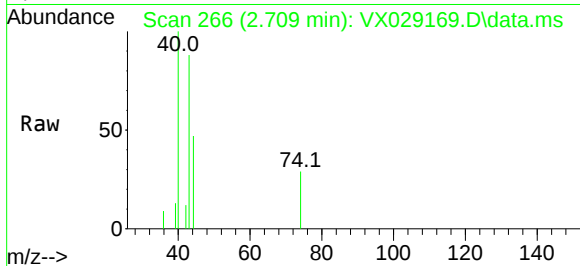




#18
Methyl Acetate
Concen: 0.234 ug/l
RT: 2.709 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX029169.D
Acq: 03 Jun 2022 05:32

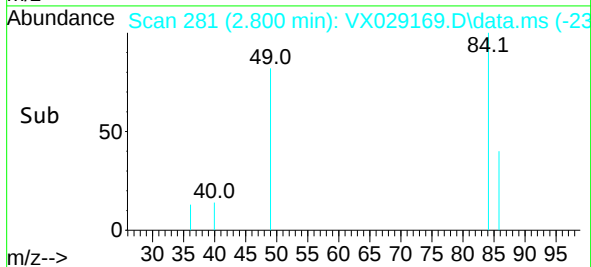
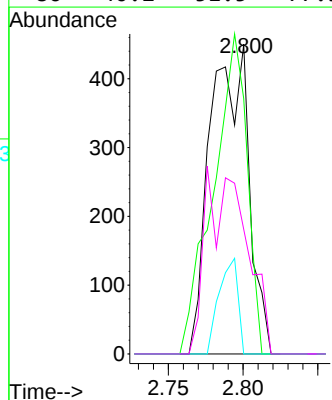
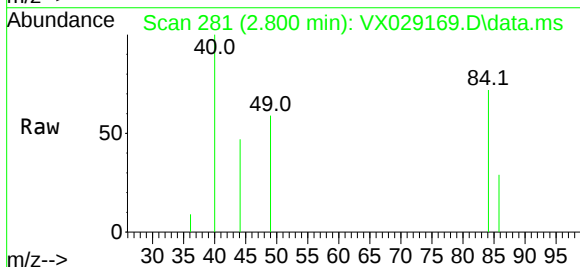
Instrument :
MSVOA_X
ClientSampleId :
31S-20220531

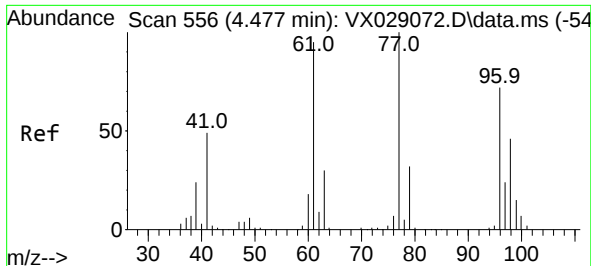
Tgt Ion: 43 Resp: 858
Ion Ratio Lower Upper
43 100
74 23.1 22.8 34.2



#20
Methylene Chloride
Concen: 0.245 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.012 min
Lab File: VX029169.D
Acq: 03 Jun 2022 05:32

Tgt Ion: 84 Resp: 809
Ion Ratio Lower Upper
84 100
49 82.4 85.5 128.3#
51 0.0 26.6 39.8#
86 40.2 51.5 77.3#





#26

2,2-Dichloropropane

Concen: 0.239 ug/l

RT: 4.556 min Scan# 51

Delta R.T. 0.079 min

Lab File: VX029169.D

Acq: 03 Jun 2022 05:32

Instrument :

MSVOA_X

ClientSampleId :

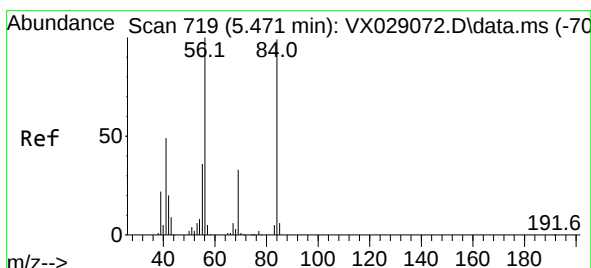
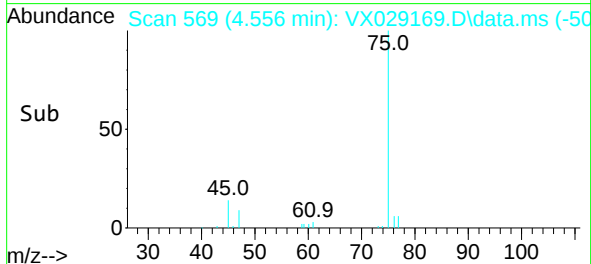
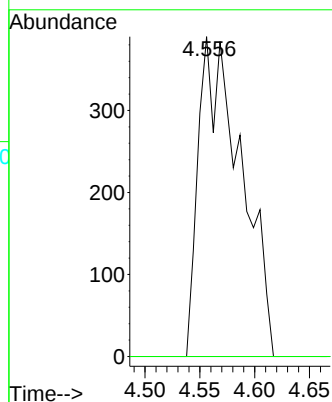
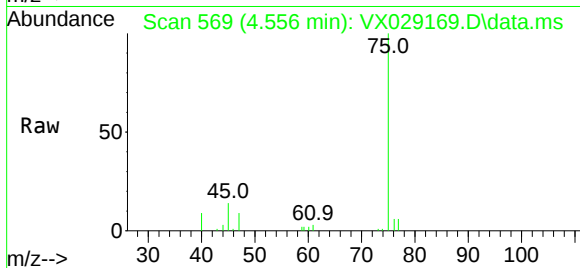
31S-20220531

Tgt Ion: 77 Resp: 1049

Ion Ratio Lower Upper

77 100

97 0.0 11.8 35.4#



#31

Cyclohexane

Concen: 1.215 ug/l

RT: 5.544 min Scan# 731

Delta R.T. 0.073 min

Lab File: VX029169.D

Acq: 03 Jun 2022 05:32

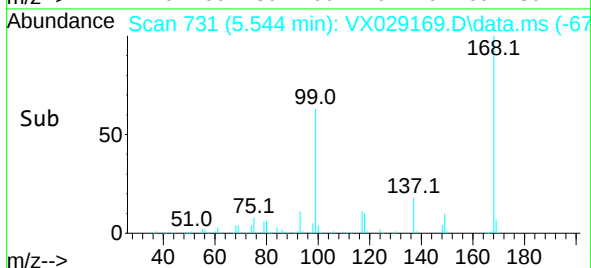
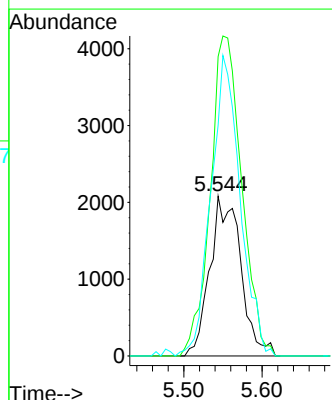
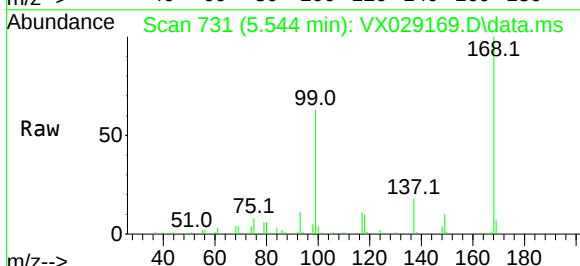
Tgt Ion: 56 Resp: 5694

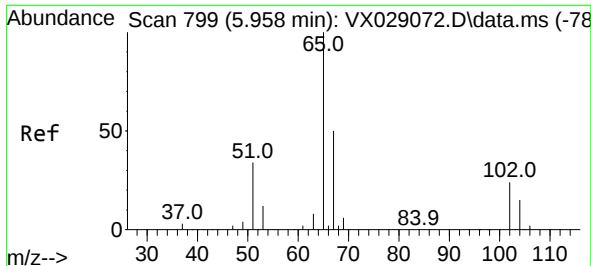
Ion Ratio Lower Upper

56 100

69 187.5 26.7 40.1#

84 144.5 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 57.230 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX029169.D

Acq: 03 Jun 2022 05:32

Instrument :

MSVOA_X

ClientSampleId :

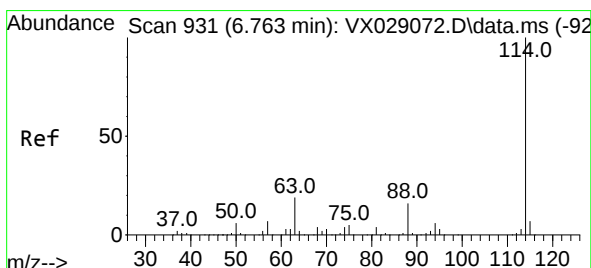
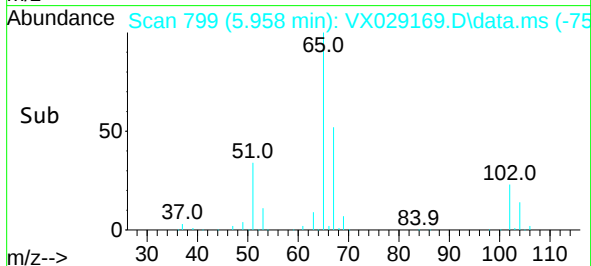
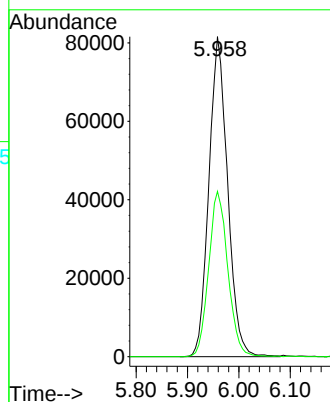
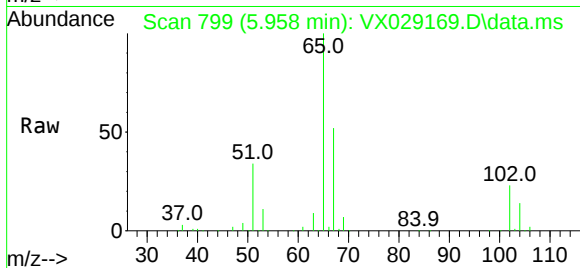
31S-20220531

Tgt Ion: 65 Resp: 206221

Ion Ratio Lower Upper

65 100

67 52.9 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX029169.D

Acq: 03 Jun 2022 05:32

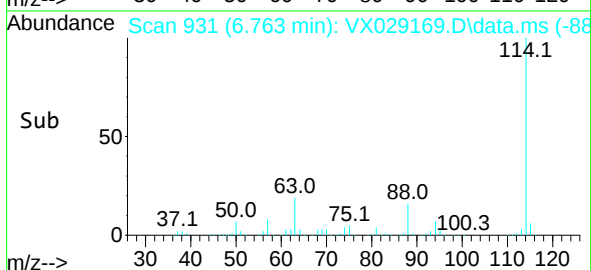
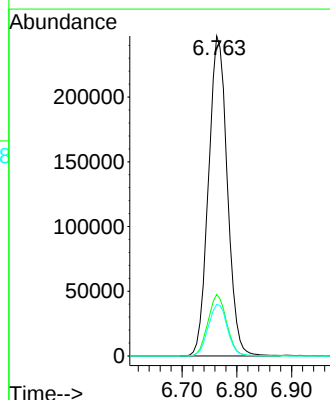
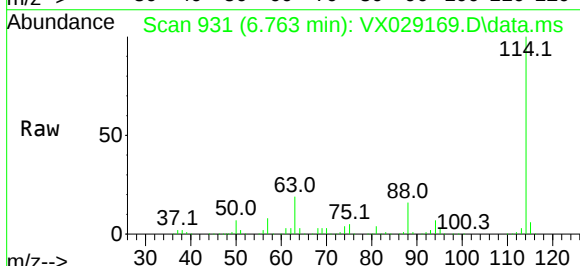
Tgt Ion: 114 Resp: 588585

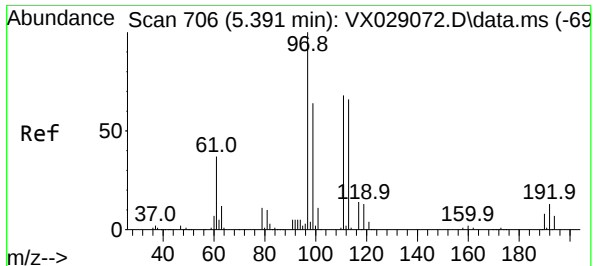
Ion Ratio Lower Upper

114 100

63 19.2 0.0 36.8

88 16.1 0.0 32.4

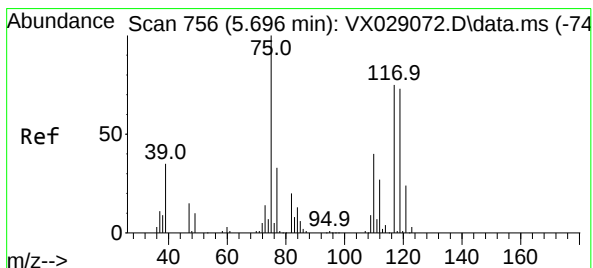
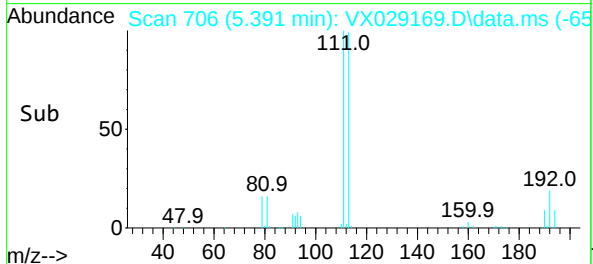
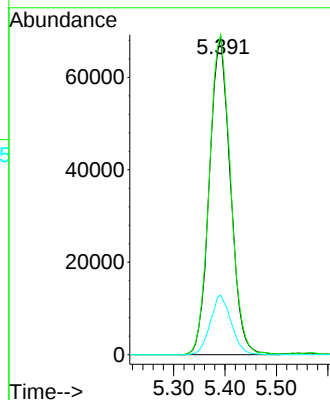
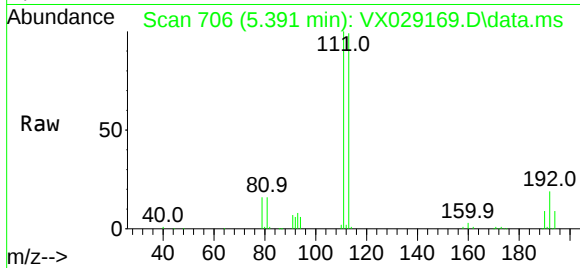




#35
Dibromofluoromethane
Concen: 49.762 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029169.D
Acq: 03 Jun 2022 05:32

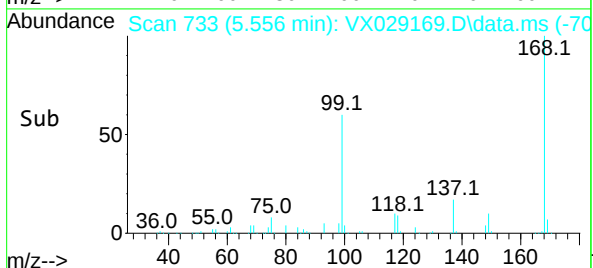
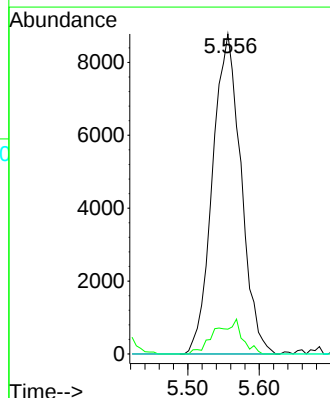
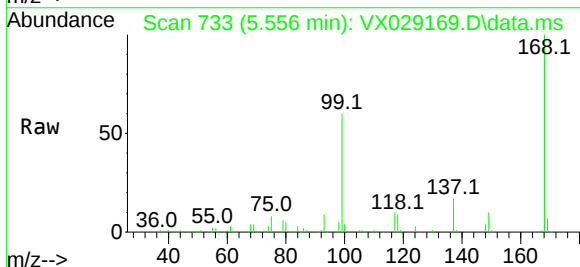
Instrument :
MSVOA_X
ClientSampleId :
31S-20220531

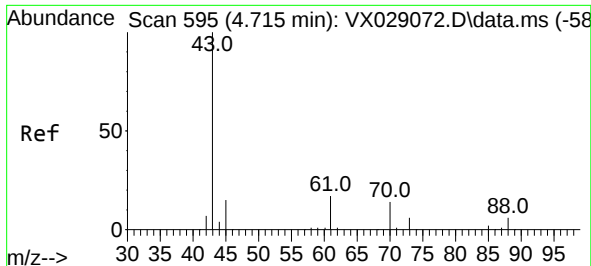
Tgt Ion:113 Resp: 194546
Ion Ratio Lower Upper
113 100
111 102.4 82.8 124.2
192 18.7 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.821 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX029169.D
Acq: 03 Jun 2022 05:32

Tgt Ion: 75 Resp: 24251
Ion Ratio Lower Upper
75 100
110 5.9 18.3 54.8#
77 0.0 24.8 37.2#





#37

Ethyl Acetate

Concen: 0.376 ug/l

RT: 4.745 min Scan# 600

Delta R.T. 0.030 min

Lab File: VX029169.D

Acq: 03 Jun 2022 05:32

Instrument :

MSVOA_X

ClientSampleId :

31S-20220531

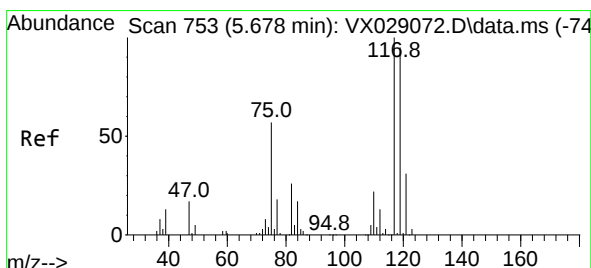
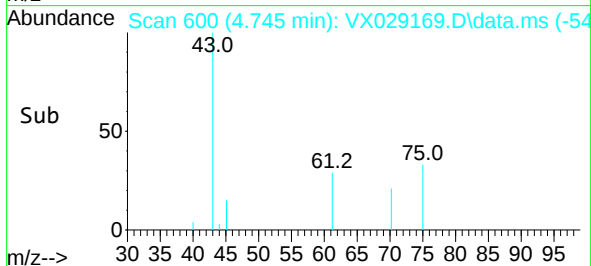
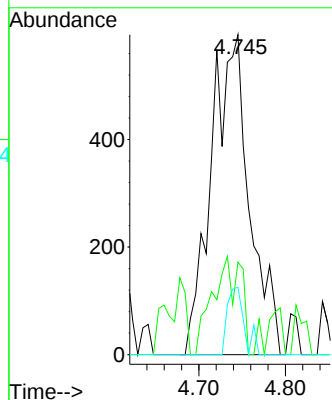
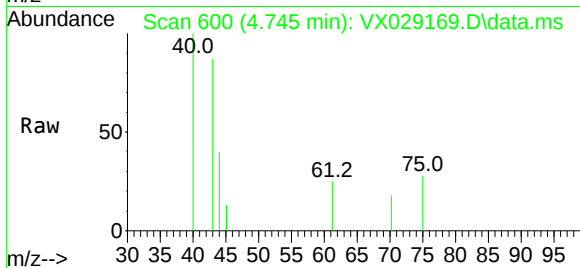
Tgt Ion: 43 Resp: 1834

Ion Ratio Lower Upper

43 100

61 22.6 12.6 19.0#

70 9.2 10.2 15.2#



#38

Carbon Tetrachloride

Concen: 5.781 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.122 min

Lab File: VX029169.D

Acq: 03 Jun 2022 05:32

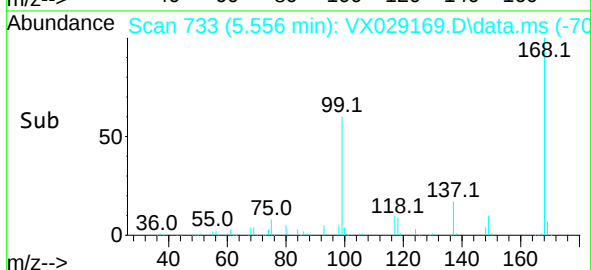
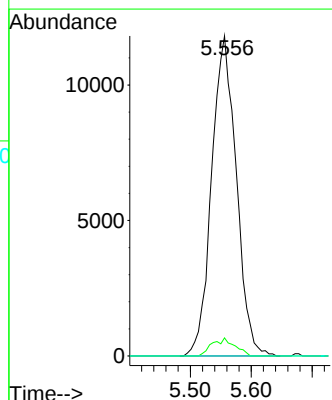
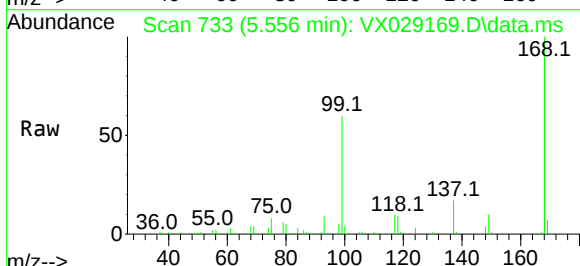
Tgt Ion: 117 Resp: 33234

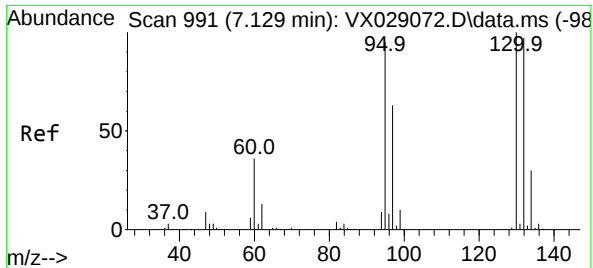
Ion Ratio Lower Upper

117 100

119 5.6 77.3 115.9#

121 0.0 24.2 36.2#

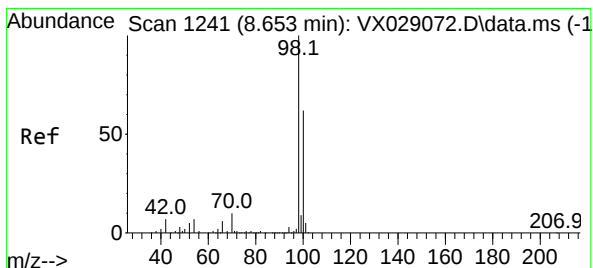
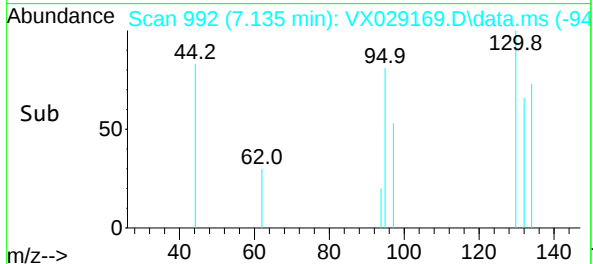
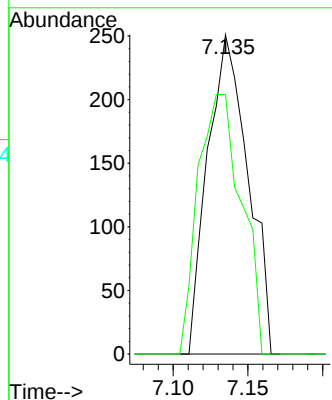
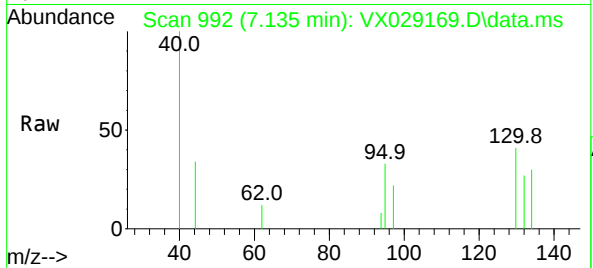




#44
Trichloroethene
Concen: Below Cal
RT: 7.135 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX029169.D
Acq: 03 Jun 2022 05:32

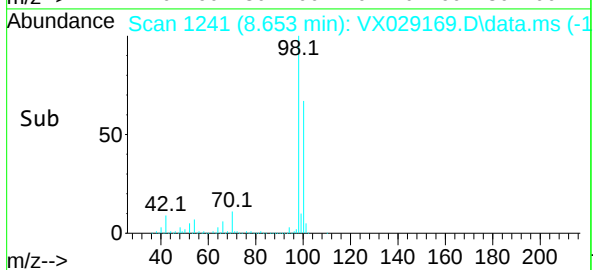
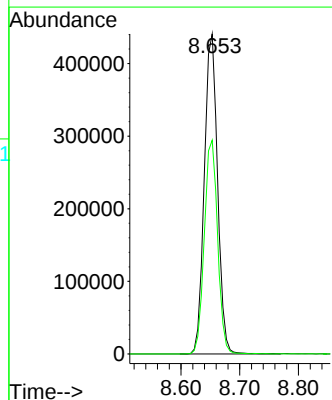
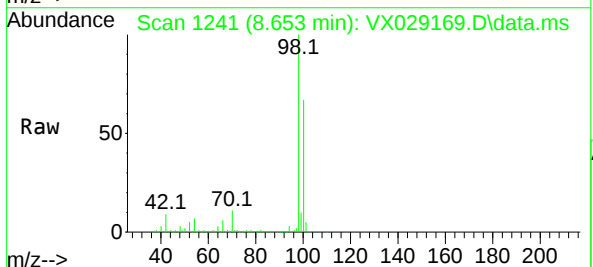
Instrument :
MSVOA_X
ClientSampleId :
31S-20220531

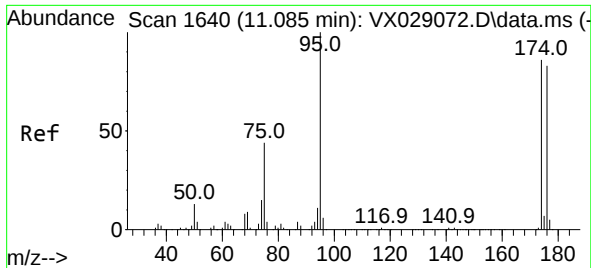
Tgt Ion:130 Resp: 470
Ion Ratio Lower Upper
130 100
95 81.3 0.0 188.8



#50
Toluene-d8
Concen: 48.264 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX029169.D
Acq: 03 Jun 2022 05:32

Tgt Ion: 98 Resp: 690110
Ion Ratio Lower Upper
98 100
100 67.0 52.6 78.8

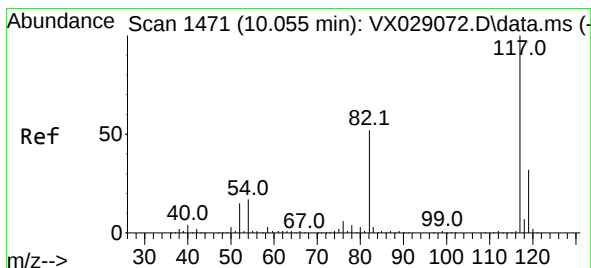
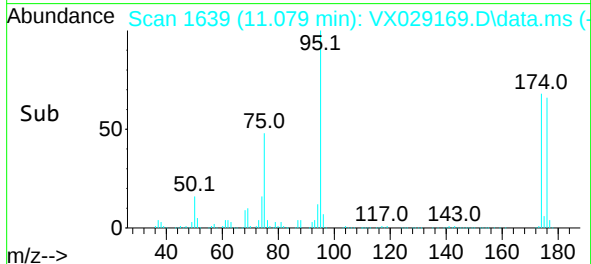
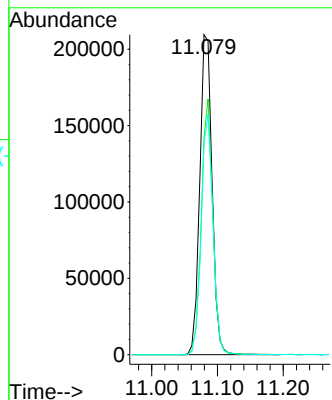
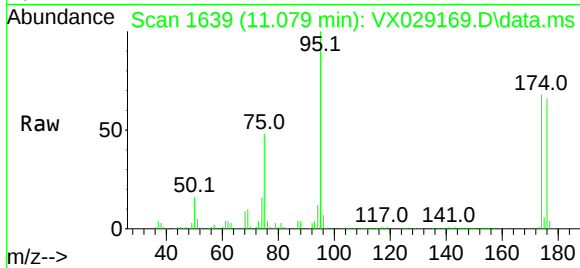




#62
4-Bromofluorobenzene
Concen: 49.400 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX029169.D
Acq: 03 Jun 2022 05:32

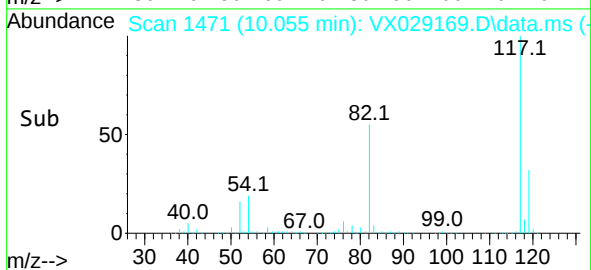
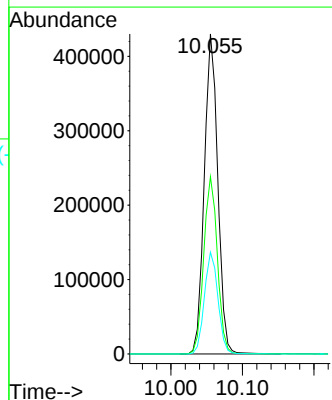
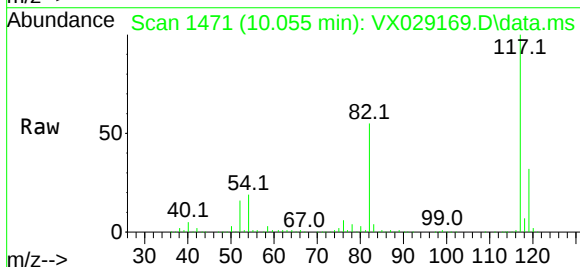
Instrument :
MSVOA_X
ClientSampleId :
31S-20220531

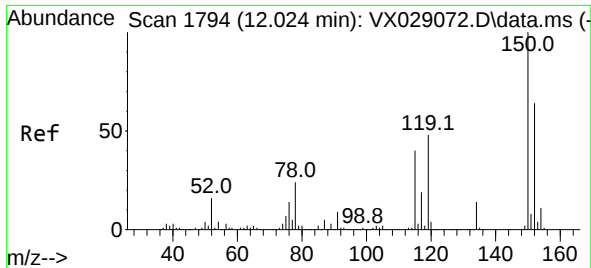
Tgt Ion: 95 Resp: 273044
Ion Ratio Lower Upper
95 100
174 74.3 0.0 163.0
176 71.9 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029169.D
Acq: 03 Jun 2022 05:32

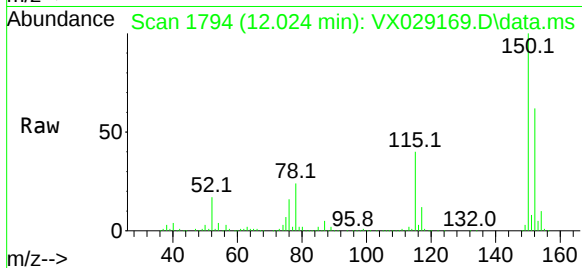
Tgt Ion: 117 Resp: 564534
Ion Ratio Lower Upper
117 100
82 55.4 41.8 62.8
119 31.8 24.8 37.2



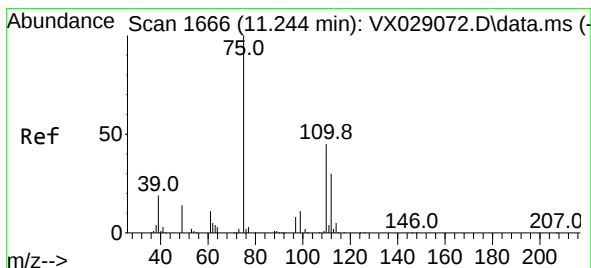
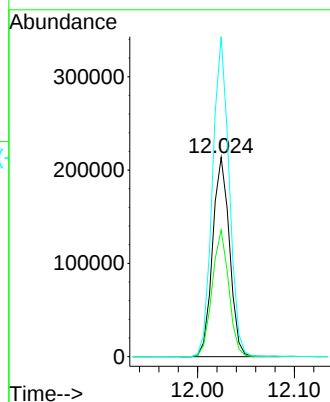
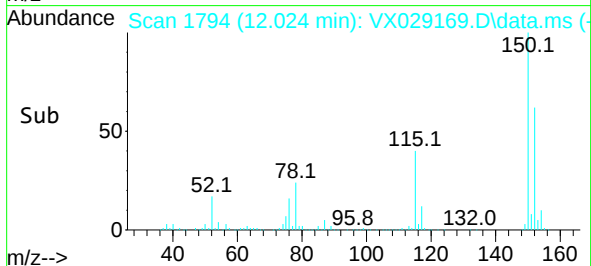


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029169.D
Acq: 03 Jun 2022 05:32

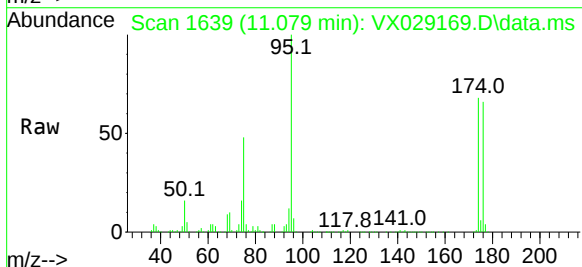
Instrument :
MSVOA_X
ClientSampleId :
31S-20220531



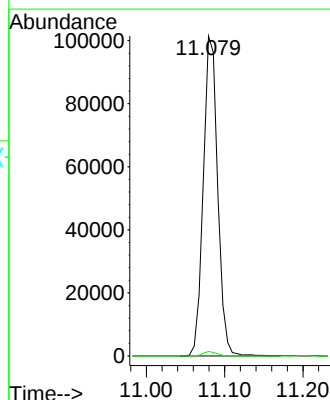
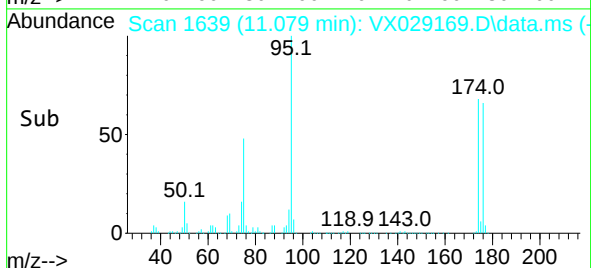
Tgt Ion:152 Resp: 259396
Ion Ratio Lower Upper
152 100
115 62.4 37.5 112.7
150 158.5 0.0 338.2

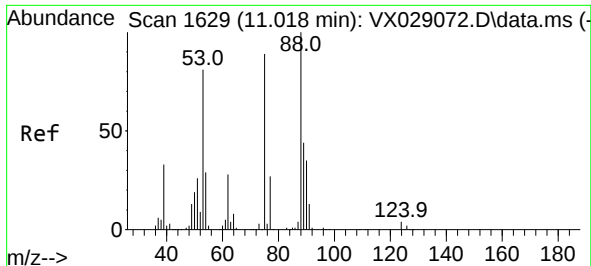


#76
1,2,3-Trichloropropane
Concen: 24.579 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX029169.D
Acq: 03 Jun 2022 05:32



Tgt Ion: 75 Resp: 129246
Ion Ratio Lower Upper
75 100
77 1.3 19.4 58.2#

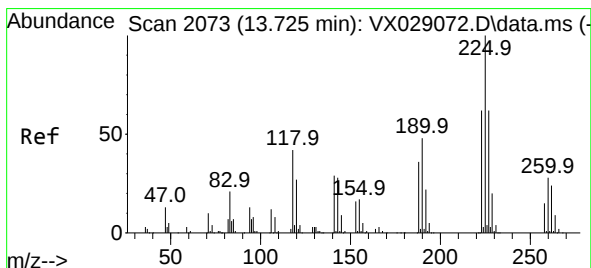
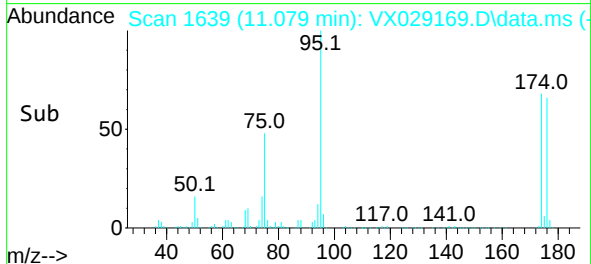
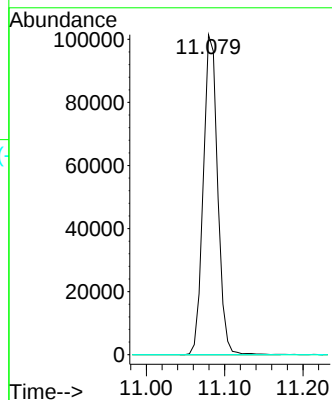
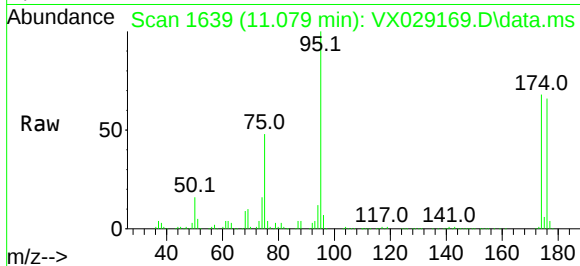




#81
trans-1,4-Dichloro-2-butene
Concen: 72.110 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX029169.D
Acq: 03 Jun 2022 05:32

Instrument :
MSVOA_X
ClientSampleId :
31S-20220531

Tgt Ion: 75 Resp: 129246
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#



#94
Hexachlorobutadiene
Concen: Below Cal
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX029169.D
Acq: 03 Jun 2022 05:32

Tgt Ion: 225 Resp: 110
Ion Ratio Lower Upper
225 100
223 0.0 34.2 102.5#
227 0.0 33.9 101.7#

