

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062422\
 Data File : VX029769.D
 Acq On : 24 Jun 2022 12:49
 Operator : JC/MD
 Sample : N3366-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SW-2

Quant Time: Jun 25 01:59:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 20 01:31:01 2022
 Response via : Initial Calibration

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

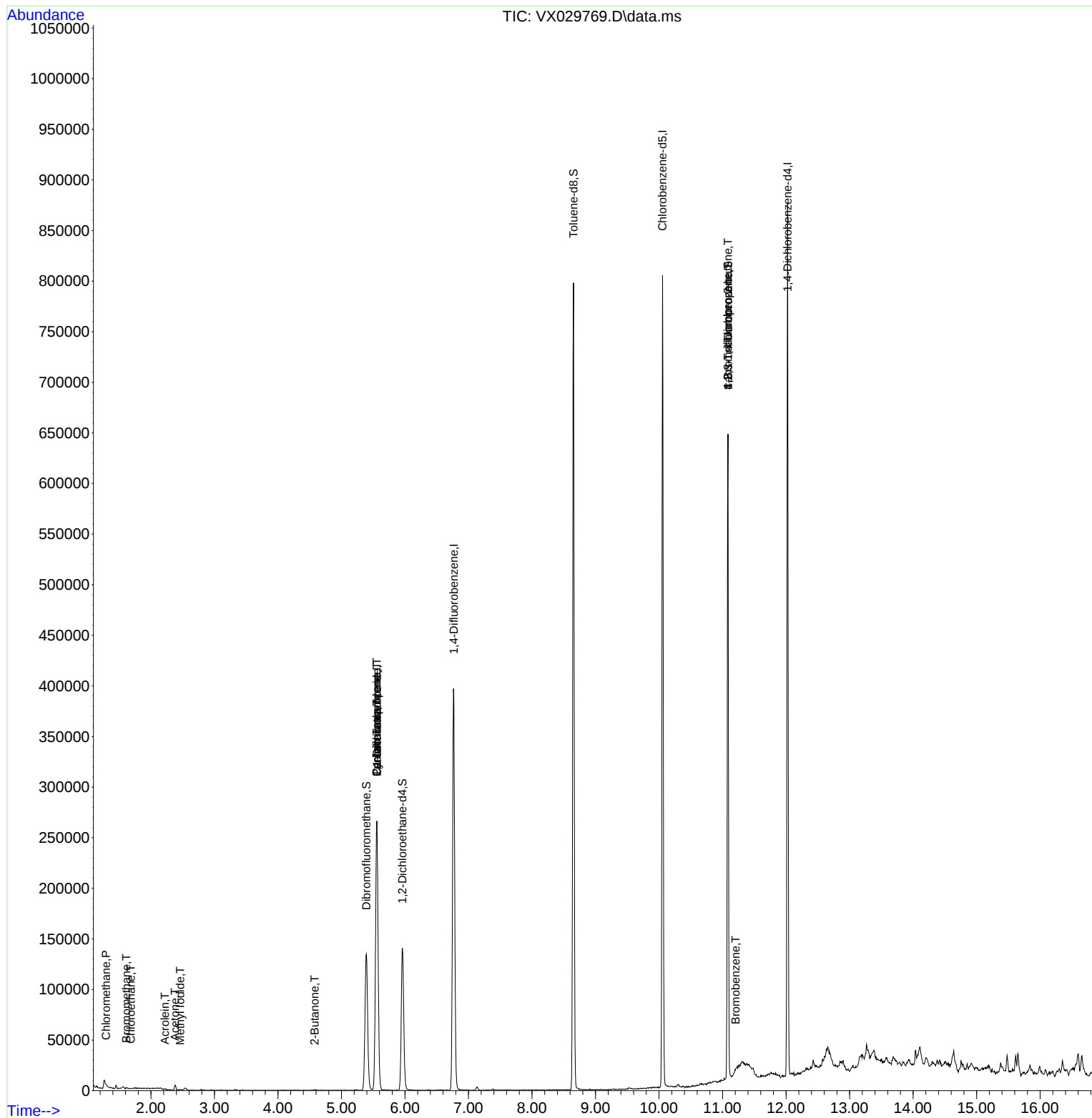
Internal Standards						
1) Pentafluorobenzene	5.556	168	262366	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	429907	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	381300	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	182297	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	136344	39.258	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	78.520%
35) Dibromofluoromethane	5.391	113	122568	43.749	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	87.500%
50) Toluene-d8	8.653	98	487036	47.586	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.180%
62) 4-Bromofluorobenzene	11.085	95	183016	47.417	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.840%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	749	0.219	ug/l #	88
5) Bromomethane	1.611	94	517	0.322	ug/l #	79
6) Chloroethane	1.684	64	252	1.392	ug/l #	43
10) Methyl Iodide	2.459	142	859	3.275	ug/l #	86
11) Tert butyl alcohol	2.965	59	224	Below Cal	#	72
13) Acrolein	2.221	56	144	0.753	ug/l	85
16) Acetone	2.379	43	5351	3.865	ug/l	94
25) 2-Butanone	4.574	43	879	0.402	ug/l #	84
31) Cyclohexane	5.556	56	4391	0.942	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	18377	4.846	ug/l #	49
38) Carbon Tetrachloride	5.556	117	25982	6.968	ug/l #	15
44) Trichloroethene	7.135	130	1377	Below Cal		89
76) 1,2,3-Trichloropropane	11.085	75	84944	21.389	ug/l #	38
77) Bromobenzene	11.207	156	921	0.295	ug/l #	25
81) trans-1,4-Dichloro-2-b...	11.085	75	84944	71.157	ug/l #	15

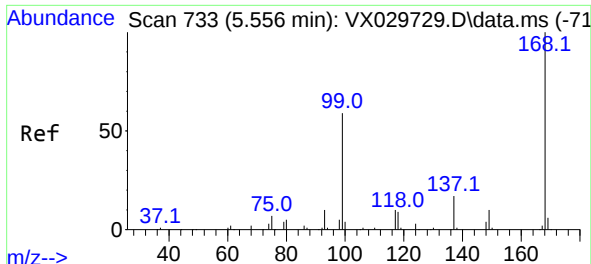
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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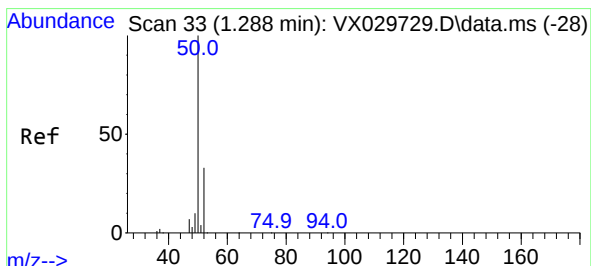
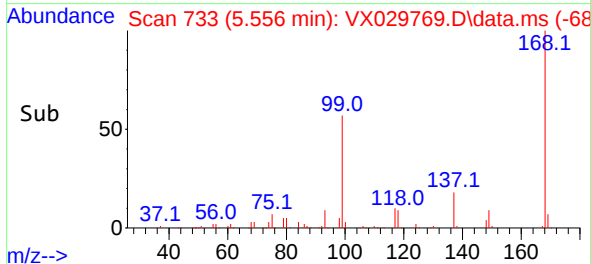
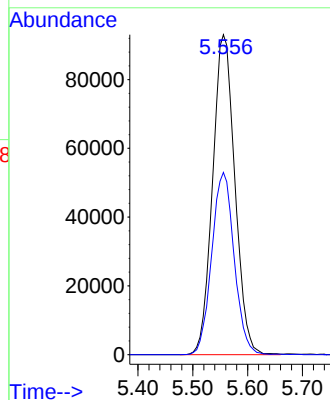
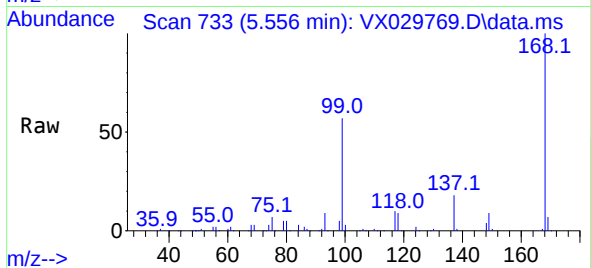




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029769.D
Acq: 24 Jun 2022 12:49

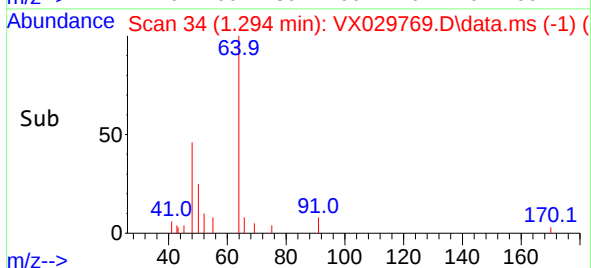
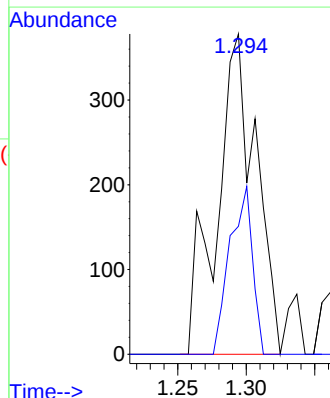
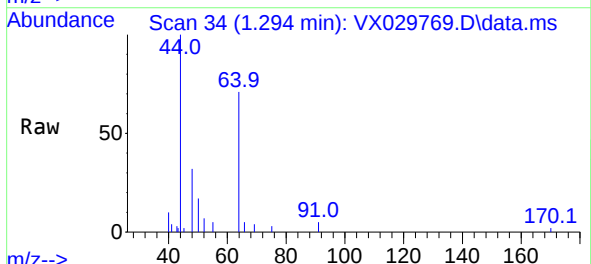
Instrument :
MSVOA_X
ClientSampleId :
SW-2

Tgt Ion:168 Resp: 262366
Ion Ratio Lower Upper
168 100
99 57.0 41.7 62.5

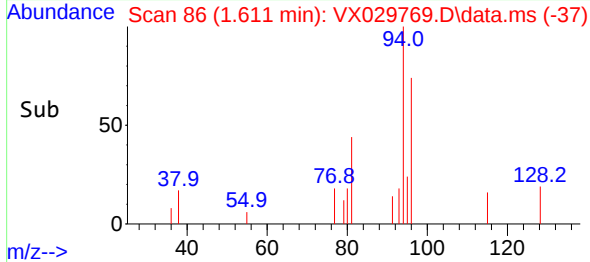
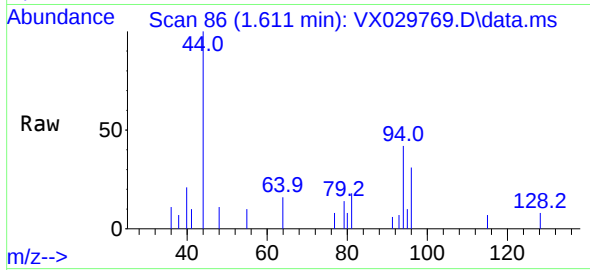
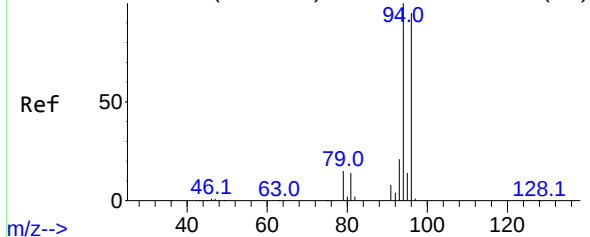


#3
Chloromethane
Concen: 0.219 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX029769.D
Acq: 24 Jun 2022 12:49

Tgt Ion: 50 Resp: 749
Ion Ratio Lower Upper
50 100
52 39.9 26.4 39.6#



Abundance Scan 86 (1.612 min): VX029729.D\data.ms (-81)



#5

Bromomethane

Concen: 0.322 ug/l

RT: 1.611 min Scan# 80

Delta R.T. 0.000 min

Lab File: VX029769.D

Acq: 24 Jun 2022 12:49

Instrument :

MSVOA_X

ClientSampleId :

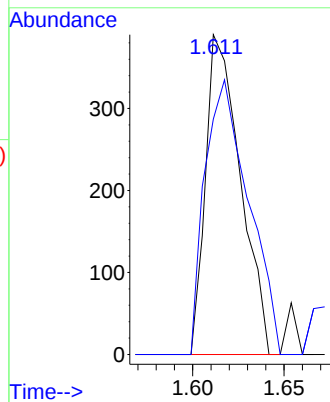
SW-2

Tgt Ion: 94 Resp: 517

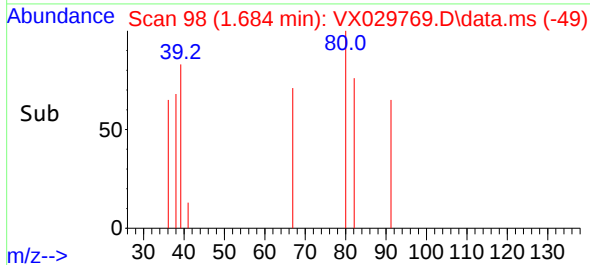
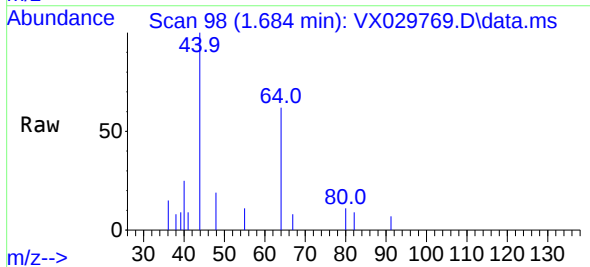
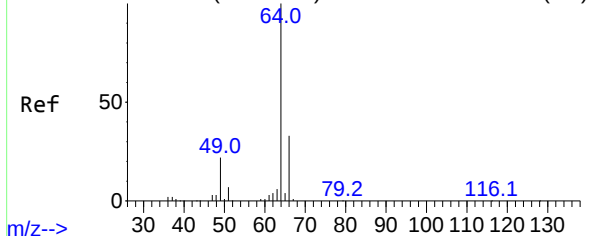
Ion Ratio Lower Upper

94 100

96 73.6 75.3 112.9#



Abundance Scan 98 (1.685 min): VX029729.D\data.ms (-89)



#6

Chloroethane

Concen: 1.392 ug/l

RT: 1.684 min Scan# 98

Delta R.T. -0.001 min

Lab File: VX029769.D

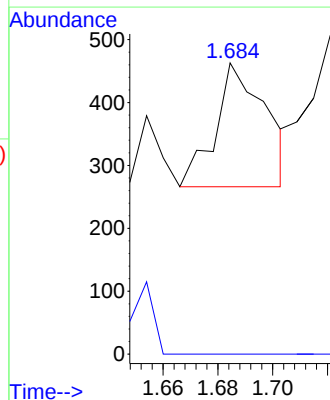
Acq: 24 Jun 2022 12:49

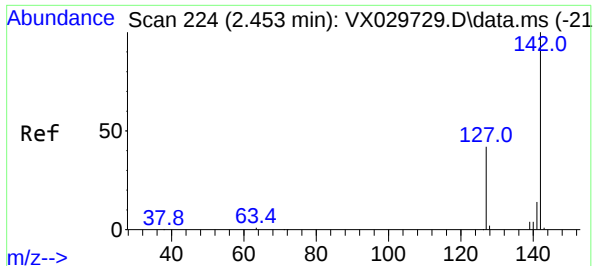
Tgt Ion: 64 Resp: 252

Ion Ratio Lower Upper

64 100

66 0.0 25.3 37.9#

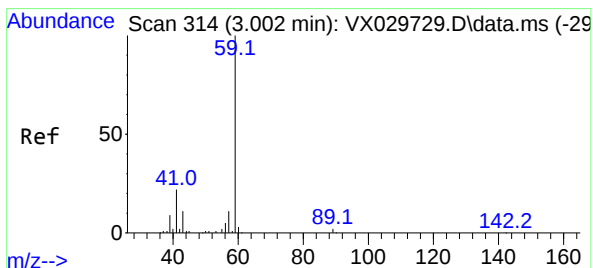
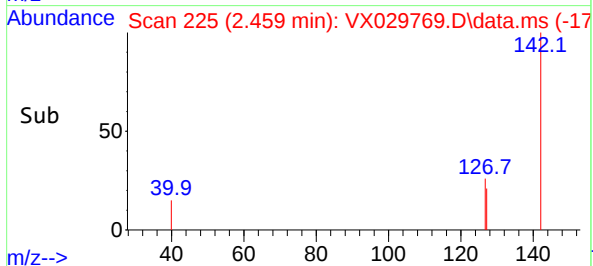
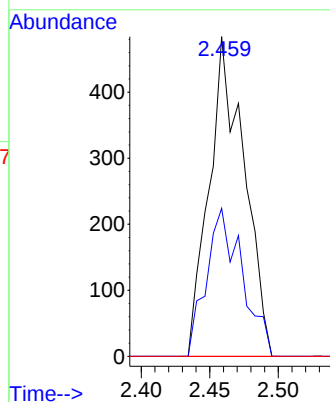
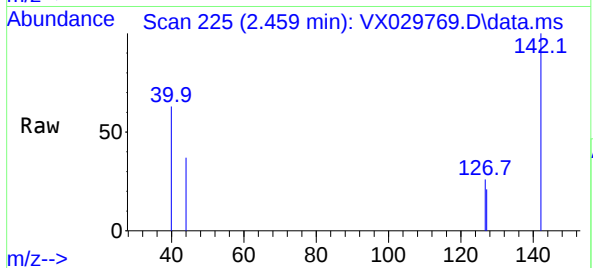




#10
Methyl Iodide
Concen: 3.275 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX029769.D
Acq: 24 Jun 2022 12:49

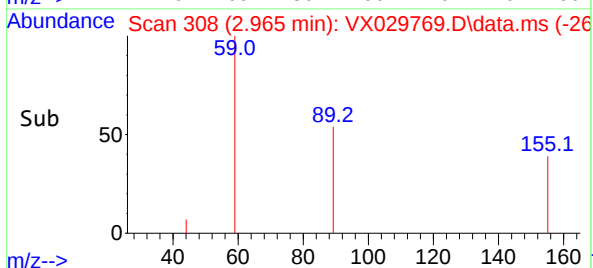
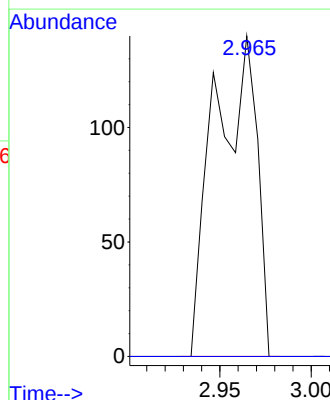
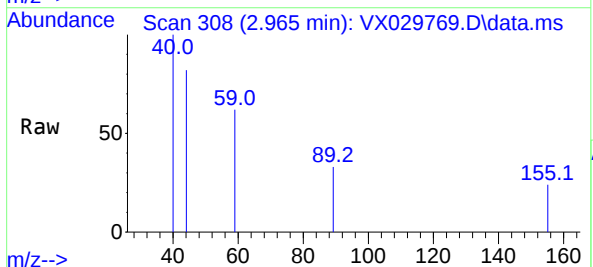
Instrument :
MSVOA_X
ClientSampleId :
SW-2

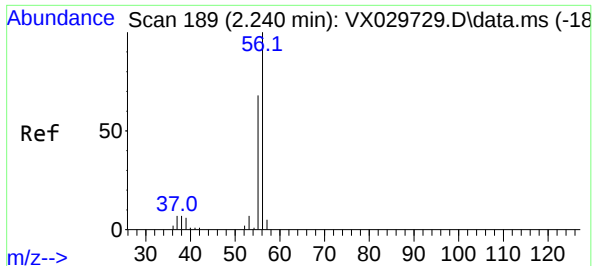
Tgt Ion:	142	Resp:	859
Ion	Ratio	Lower	Upper
142	100		
127	47.1	33.9	50.9
141	0.0	11.4	17.2#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.965 min Scan# 308
Delta R.T. -0.018 min
Lab File: VX029769.D
Acq: 24 Jun 2022 12:49

Tgt Ion:	59	Resp:	224
Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.3	12.5#

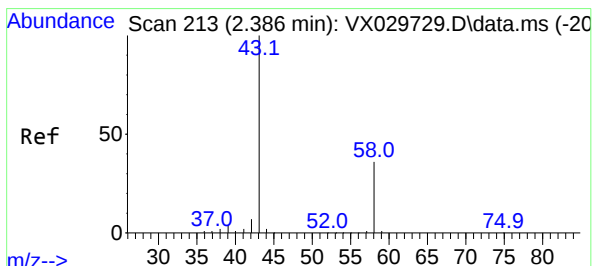
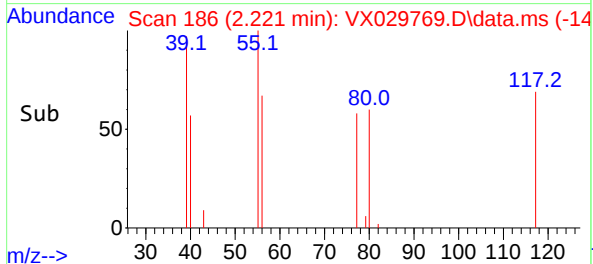
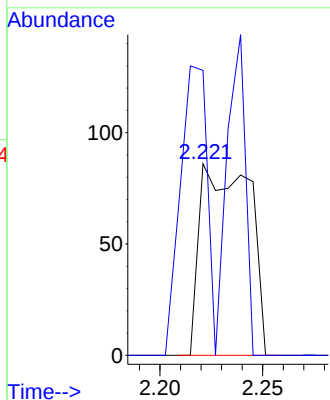
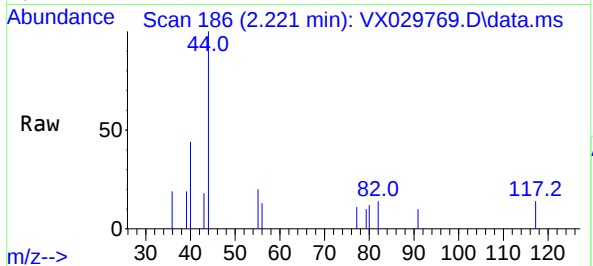




#13
Acrolein
Concen: 0.753 ug/l
RT: 2.221 min Scan# 11
Delta R.T. -0.018 min
Lab File: VX029769.D
Acq: 24 Jun 2022 12:49

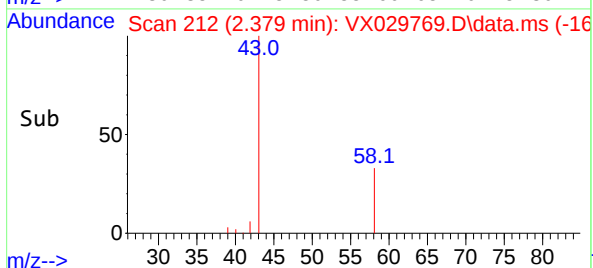
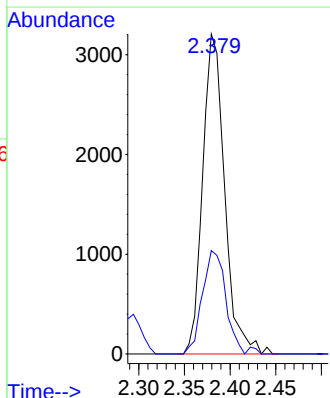
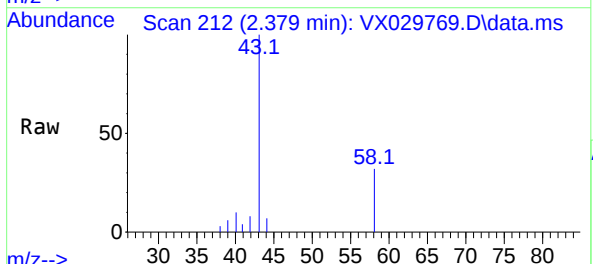
Instrument :
MSVOA_X
ClientSampleId :
SW-2

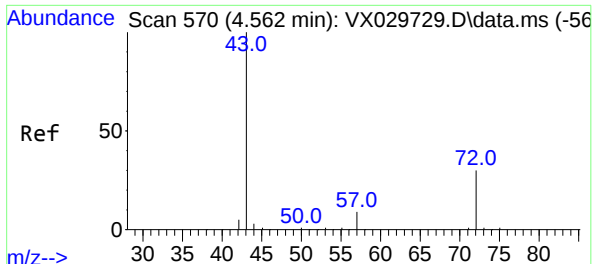
Tgt Ion: 56 Resp: 144
Ion Ratio Lower Upper
56 100
55 81.3 55.0 82.6



#16
Acetone
Concen: 3.865 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.007 min
Lab File: VX029769.D
Acq: 24 Jun 2022 12:49

Tgt Ion: 43 Resp: 5351
Ion Ratio Lower Upper
43 100
58 32.3 28.8 43.2





#25

2-Butanone

Concen: 0.402 ug/l

RT: 4.574 min Scan# 51

Delta R.T. 0.012 min

Lab File: VX029769.D

Acq: 24 Jun 2022 12:49

Instrument :

MSVOA_X

ClientSampleId :

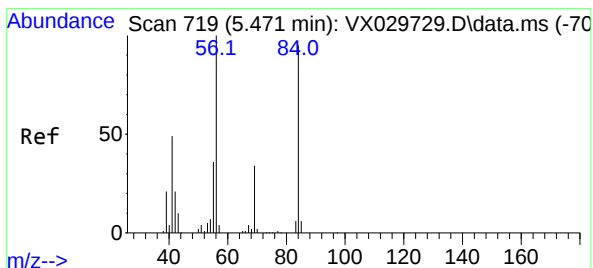
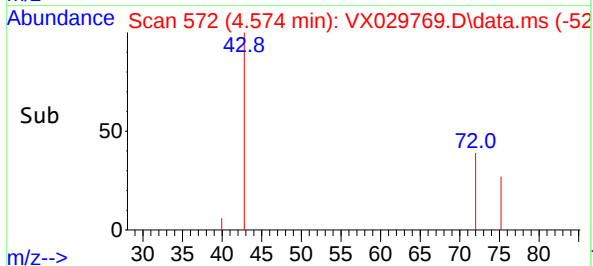
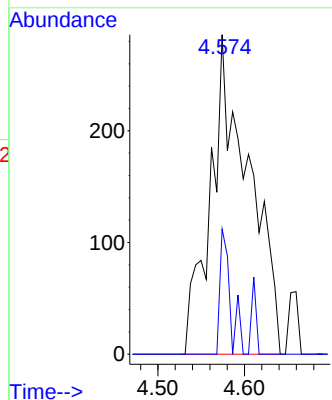
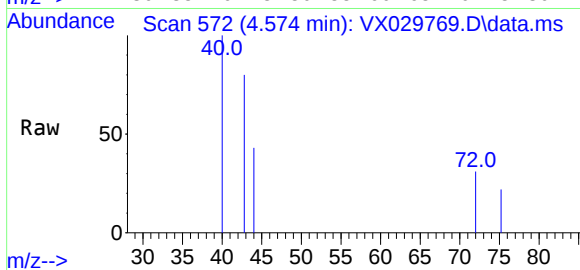
SW-2

Tgt Ion: 43 Resp: 879

Ion Ratio Lower Upper

43 100

72 39.2 24.4 36.6#



#31

Cyclohexane

Concen: 0.942 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.079 min

Lab File: VX029769.D

Acq: 24 Jun 2022 12:49

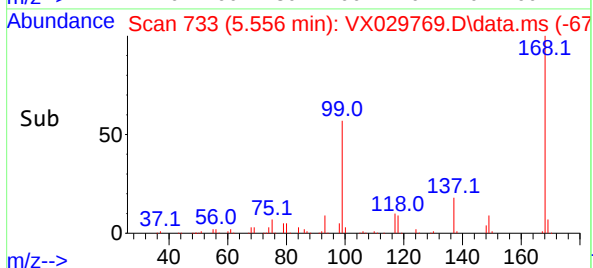
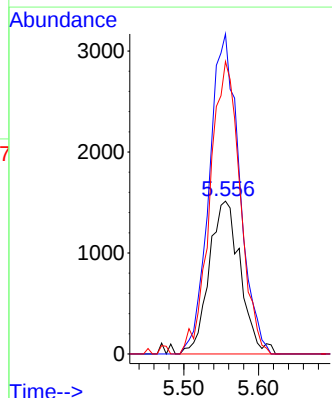
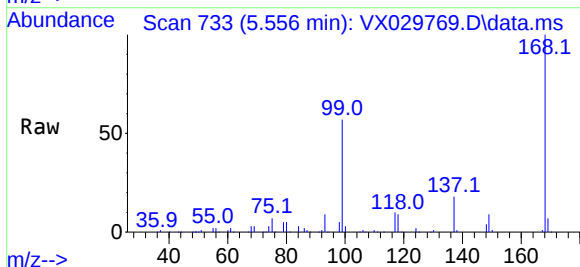
Tgt Ion: 56 Resp: 4391

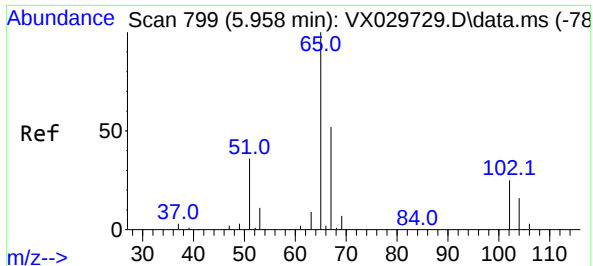
Ion Ratio Lower Upper

56 100

69 209.3 26.7 40.1#

84 191.3 77.2 115.8#

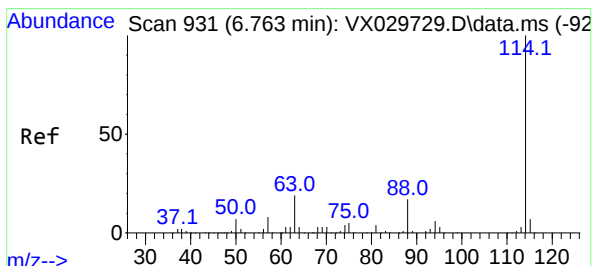
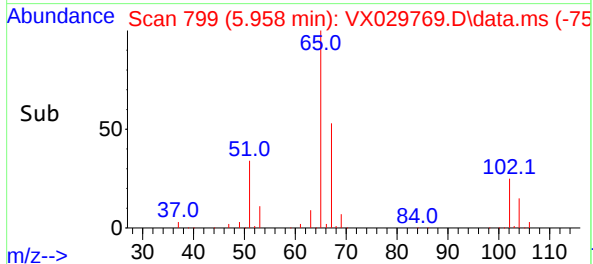
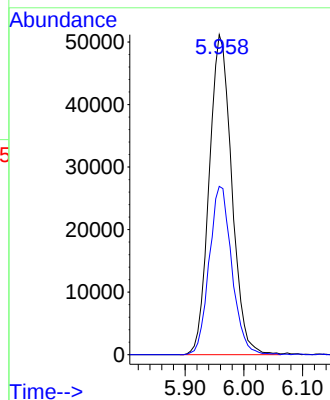
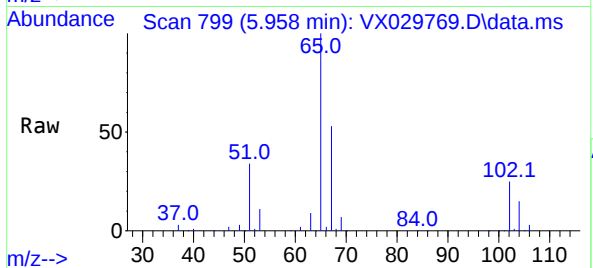




#33
1,2-Dichloroethane-d4
Concen: 39.258 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX029769.D
Acq: 24 Jun 2022 12:49

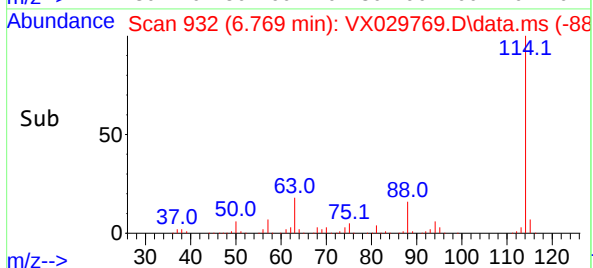
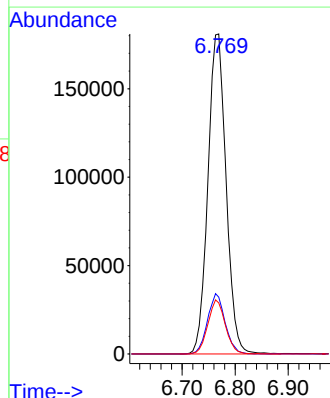
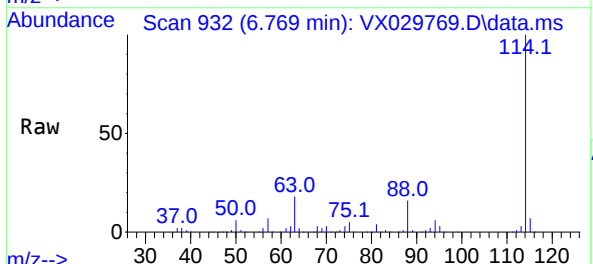
Instrument :
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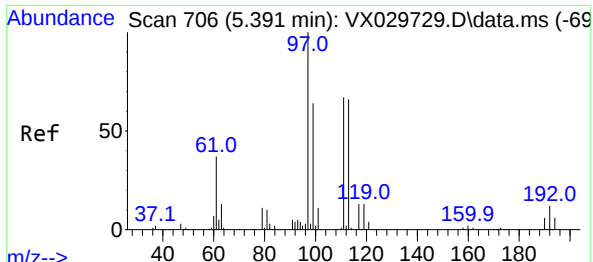
Tgt Ion: 65 Resp: 136344
Ion Ratio Lower Upper
65 100
67 52.8 0.0 107.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.006 min
Lab File: VX029769.D
Acq: 24 Jun 2022 12:49

Tgt Ion: 114 Resp: 429907
Ion Ratio Lower Upper
114 100
63 17.8 0.0 36.8
88 15.9 0.0 32.4

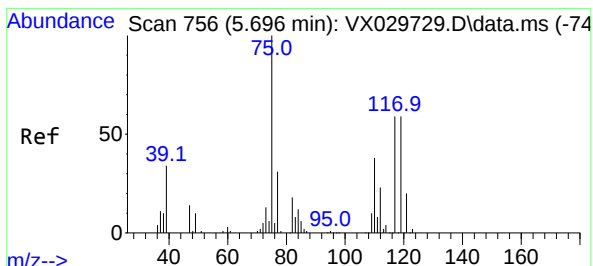
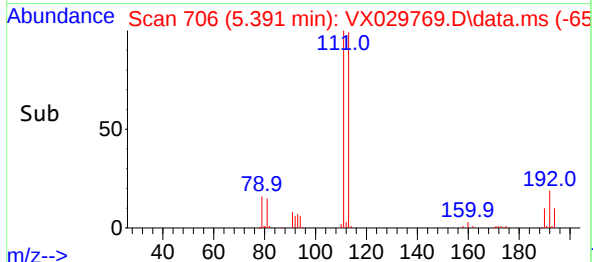
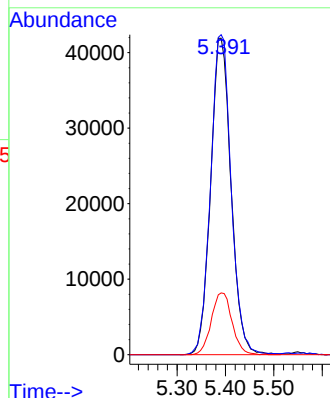
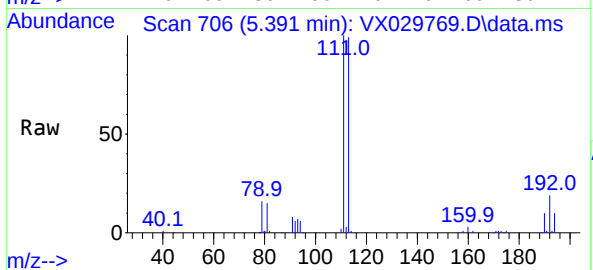




#35
Dibromofluoromethane
Concen: 43.749 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029769.D
Acq: 24 Jun 2022 12:49

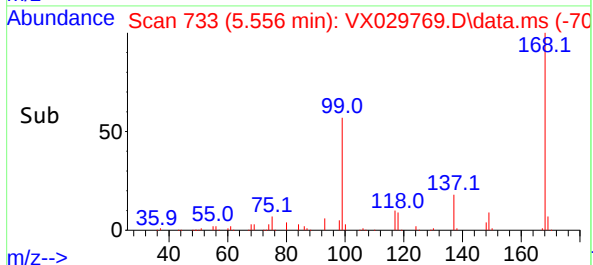
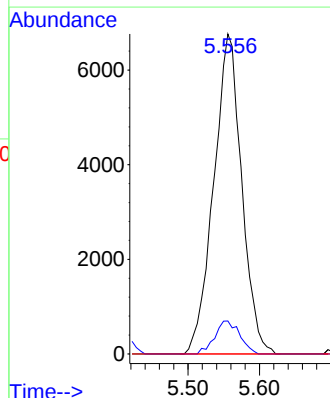
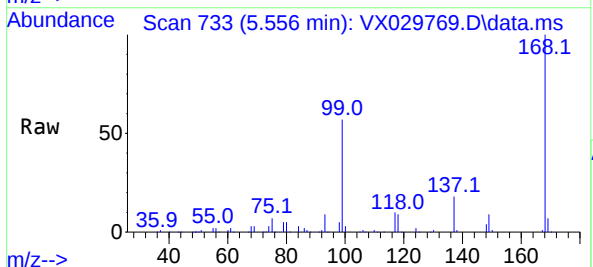
Instrument :
MSVOA_X
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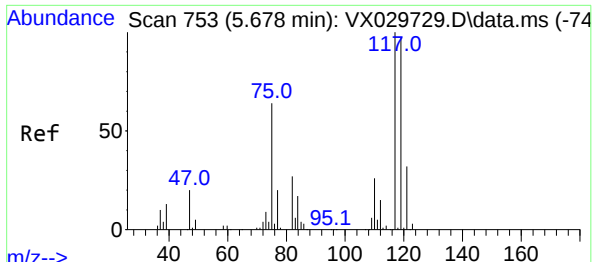
Tgt Ion:113 Resp: 122568
Ion Ratio Lower Upper
113 100
111 102.0 82.8 124.2
192 19.8 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.846 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX029769.D
Acq: 24 Jun 2022 12:49

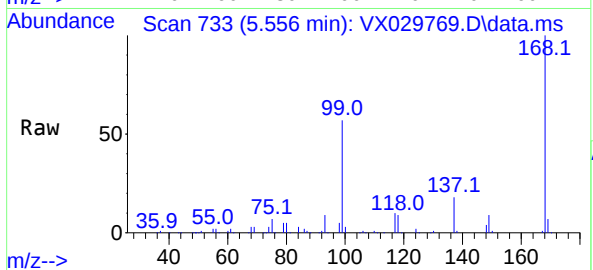
Tgt Ion: 75 Resp: 18377
Ion Ratio Lower Upper
75 100
110 9.2 18.3 54.8#
77 0.0 24.8 37.2#



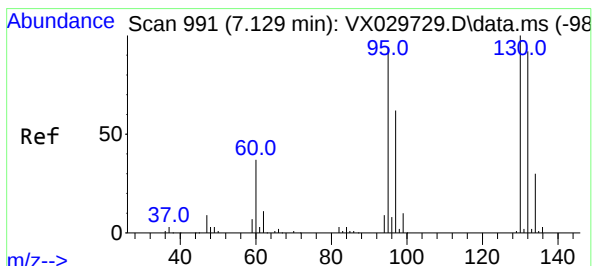
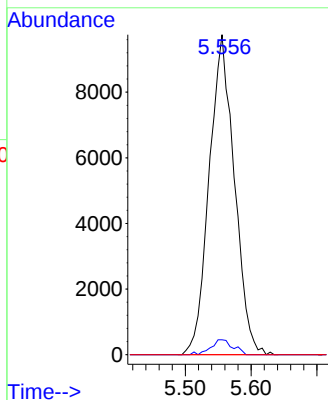
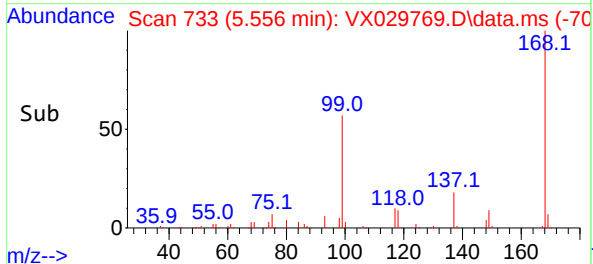


#38
Carbon Tetrachloride
Concen: 6.968 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX029769.D
Acq: 24 Jun 2022 12:49

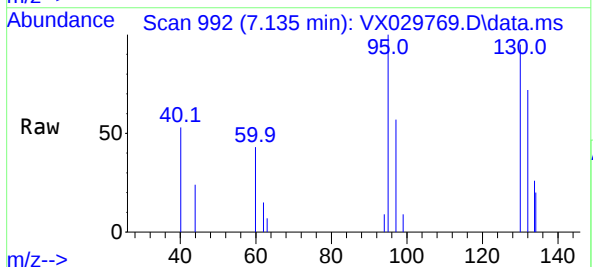
Instrument :
MSVOA_X
ClientSampleId :
SW-2



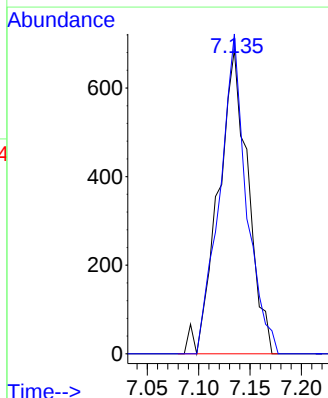
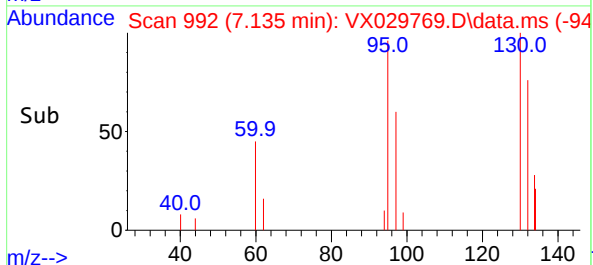
Tgt Ion:117 Resp: 25982
Ion Ratio Lower Upper
117 100
119 4.6 77.3 115.9#
121 0.0 24.2 36.2#

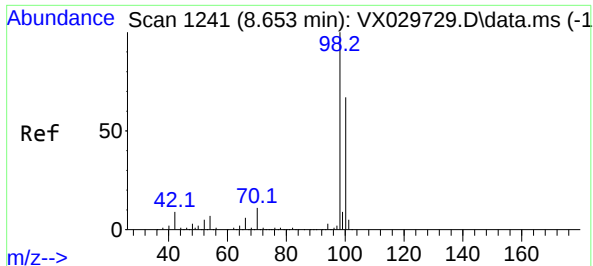


#44
Trichloroethene
Concen: Below Cal
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX029769.D
Acq: 24 Jun 2022 12:49



Tgt Ion:130 Resp: 1377
Ion Ratio Lower Upper
130 100
95 105.1 0.0 188.8

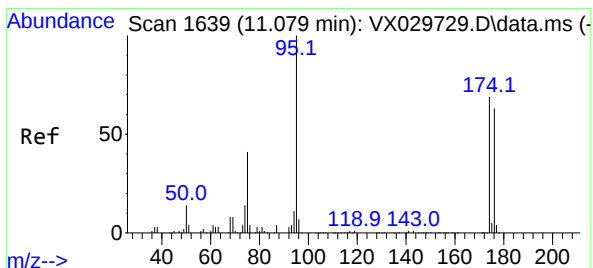
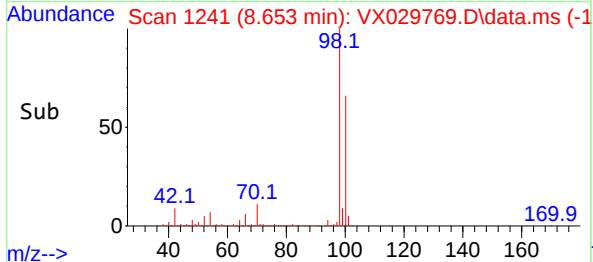
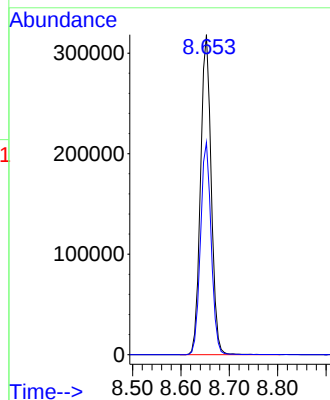
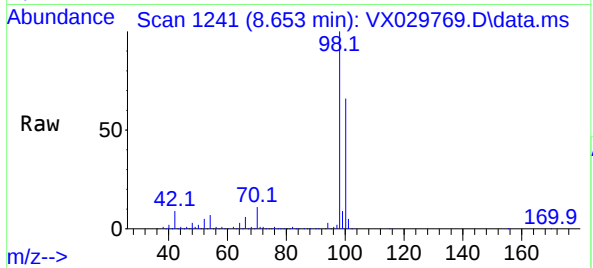




#50
Toluene-d8
Concen: 47.586 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029769.D
Acq: 24 Jun 2022 12:49

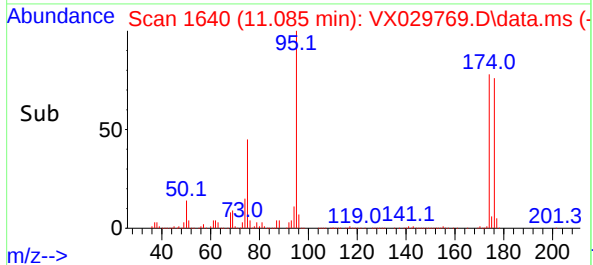
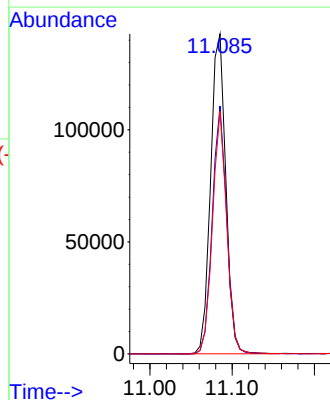
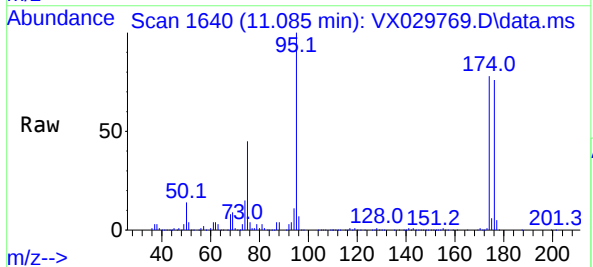
Instrument :
MSVOA_X
ClientSampleId :
SW-2

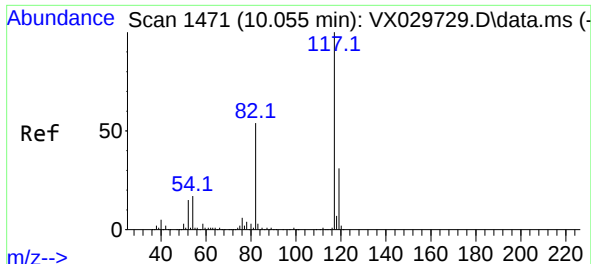
Tgt Ion: 98 Resp: 487036
Ion Ratio Lower Upper
98 100
100 66.4 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 47.417 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX029769.D
Acq: 24 Jun 2022 12:49

Tgt Ion: 95 Resp: 183016
Ion Ratio Lower Upper
95 100
174 74.3 0.0 163.0
176 71.4 0.0 155.0

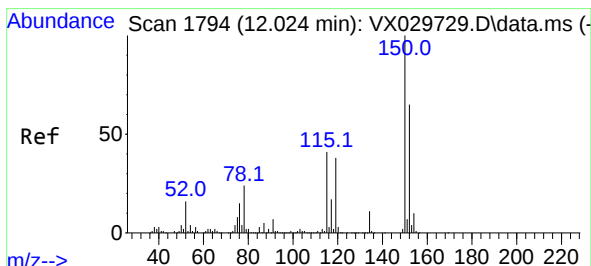
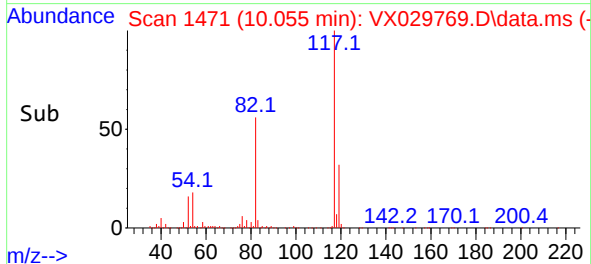
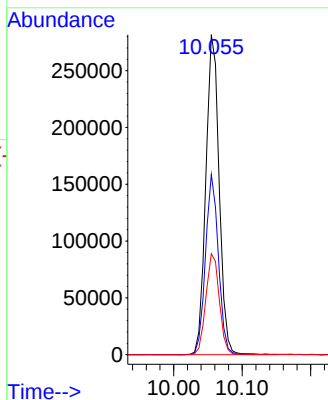
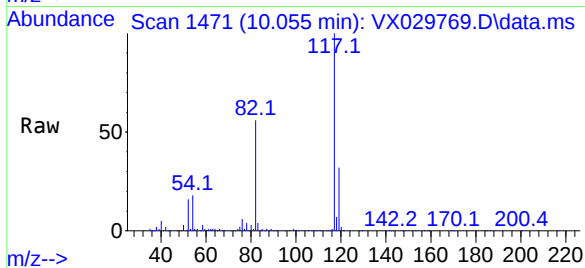




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029769.D
Acq: 24 Jun 2022 12:49

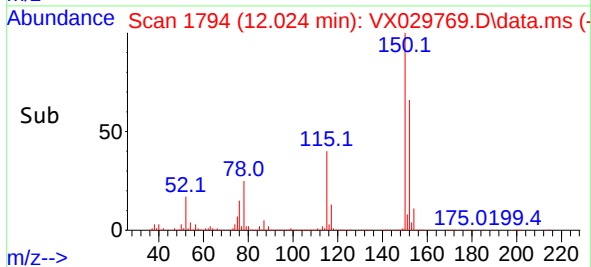
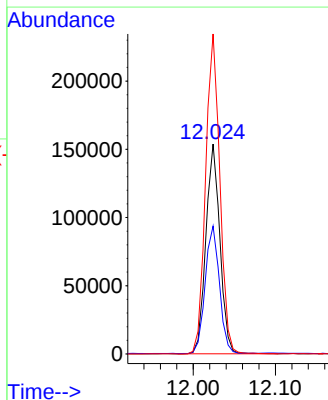
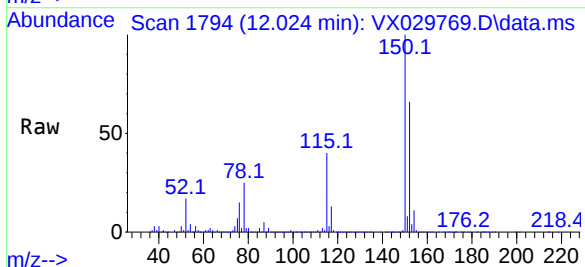
Instrument :
MSVOA_X
ClientSampleId :
SW-2

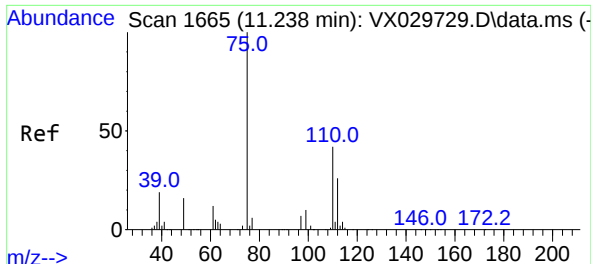
Tgt Ion:117 Resp: 381300
Ion Ratio Lower Upper
117 100
82 56.3 41.8 62.8
119 31.5 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX029769.D
Acq: 24 Jun 2022 12:49

Tgt Ion:152 Resp: 182297
Ion Ratio Lower Upper
152 100
115 61.9 37.5 112.7
150 154.7 0.0 338.2

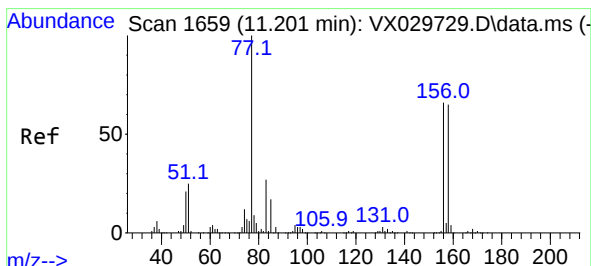
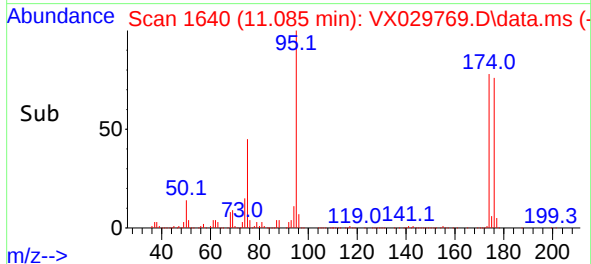
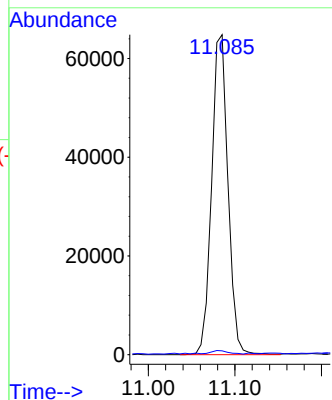
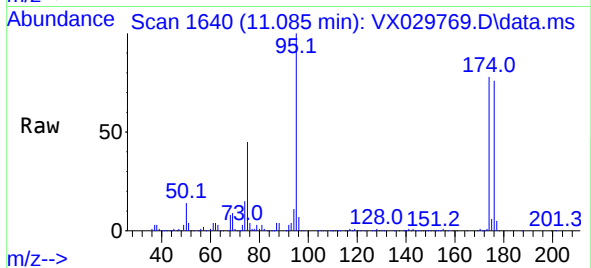




#76
1,2,3-Trichloropropane
Concen: 21.389 ug/l
RT: 11.085 min Scan# 11085
Delta R.T. -0.159 min
Lab File: VX029769.D
Acq: 24 Jun 2022 12:49

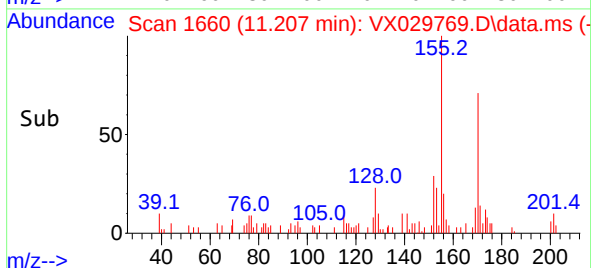
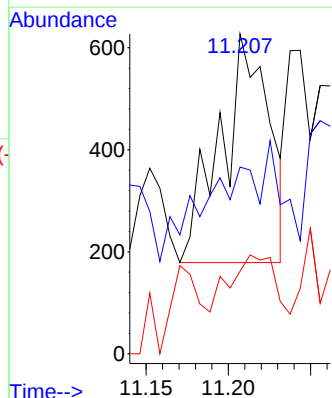
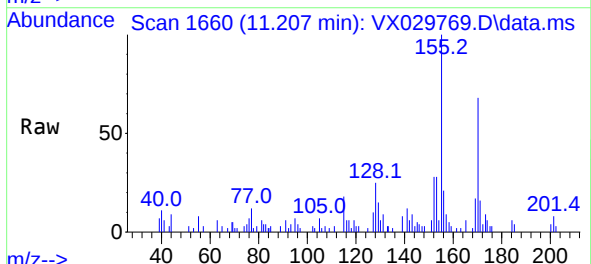
Instrument :
MSVOA_X
ClientSampleId :
SW-2

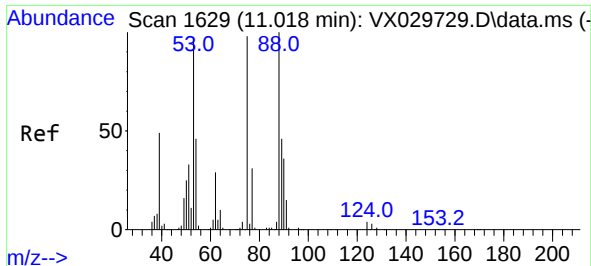
Tgt Ion: 75 Resp: 84944
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#



#77
Bromobenzene
Concen: 0.295 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. 0.006 min
Lab File: VX029769.D
Acq: 24 Jun 2022 12:49

Tgt Ion: 156 Resp: 921
Ion Ratio Lower Upper
156 100
77 58.1 78.5 235.3#
158 27.5 50.2 150.7#





#81
trans-1,4-Dichloro-2-butene
Concen: 71.157 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.067 min
Lab File: VX029769.D
Acq: 24 Jun 2022 12:49

Instrument :
MSVOA_X
ClientSampleId :
SW-2

Tgt Ion: 75 Resp: 84944
Ion Ratio Lower Upper
75 100
53 0.1 69.0 103.4#
89 0.0 37.0 55.6#

