

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060222\
 Data File : VX029149.D
 Acq On : 02 Jun 2022 20:36
 Operator : JC/MD
 Sample : N3022-10 25X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

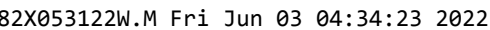
Instrument :
 MSVOA_X
 ClientSampleId :

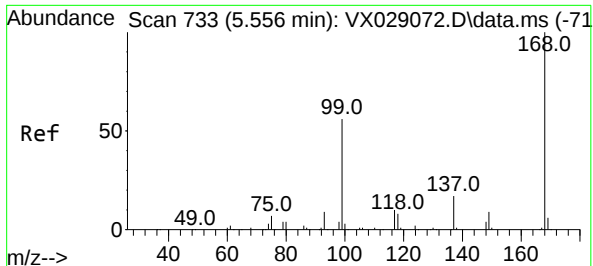
Quant Time: Jun 03 04:34:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 01 04:45:42 2022
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	292038	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	538128	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	528466	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	244640	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	194029	58.919	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	117.840%
35) Dibromofluoromethane	5.391	113	177963	49.789	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.580%
50) Toluene-d8	8.653	98	636866	48.716	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.440%
62) 4-Bromofluorobenzene	11.079	95	256633	50.784	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	101.560%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	1435	0.565	ug/l	98
3) Chloromethane	1.294	50	588	0.221	ug/l	99
4) Vinyl Chloride	1.374	62	57653	19.732	ug/l	99
5) Bromomethane	1.611	94	551	Below Cal	#	57
6) Chloroethane	1.703	64	460	1.579	ug/l #	43
10) Methyl Iodide	2.459	142	314	4.314	ug/l #	82
11) Tert butyl alcohol	2.947	59	30789	40.359	ug/l #	75
12) 1,1-Dichloroethene	2.325	96	972	0.369	ug/l #	88
15) Acrylonitrile	2.947	53	536	0.341	ug/l #	18
16) Acetone	2.386	43	1941	1.497	ug/l	98
18) Methyl Acetate	2.709	43	707	0.211	ug/l #	68
20) Methylene Chloride	2.794	84	1256	0.415	ug/l #	88
21) trans-1,2-Dichloroethene	3.093	96	1879	0.633	ug/l	81
26) 2,2-Dichloropropane	4.568	77	1098	0.274	ug/l #	52
27) cis-1,2-Dichloroethene	4.489	96	440586	124.413	ug/l	87
29) Tetrahydrofuran	5.038	42	476	0.355	ug/l #	25
31) Cyclohexane	5.556	56	5856	1.368	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	22527	4.898	ug/l #	50
38) Carbon Tetrachloride	5.556	117	30534	5.809	ug/l #	15
44) Trichloroethene	7.129	130	88124	21.421	ug/l	92
76) 1,2,3-Trichloropropane	11.079	75	123385	24.880	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	123385	72.992	ug/l #	15

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

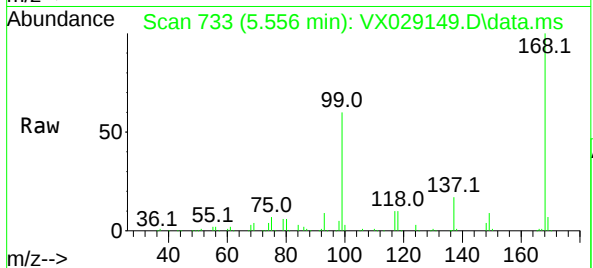
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053122W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 01 04:45:42 2022
Response via : Initial Calibration



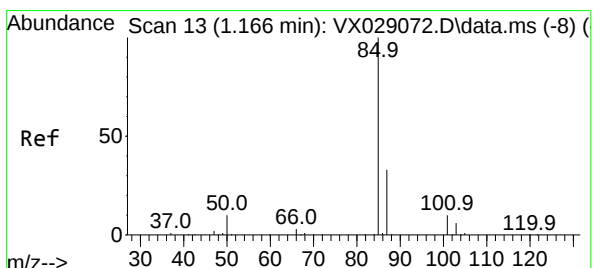
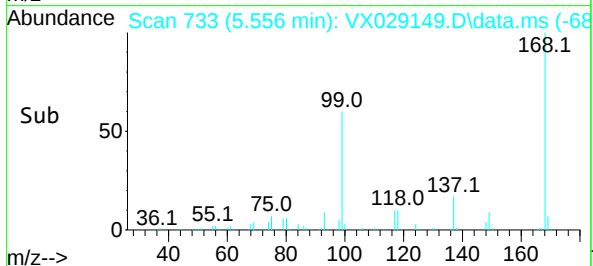
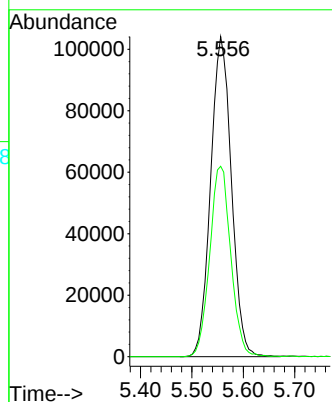


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029149.D
Acq: 02 Jun 2022 20:36

Instrument :
MSVOA_X
ClientSampleId :

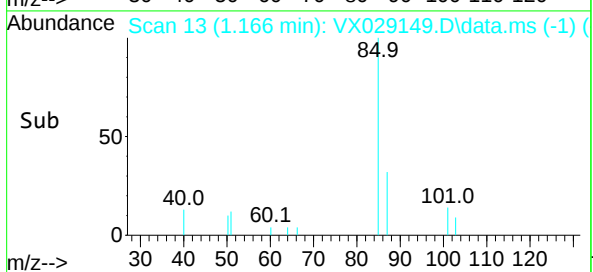
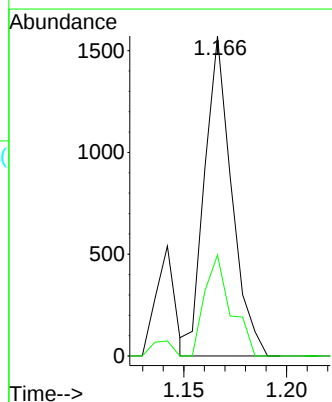
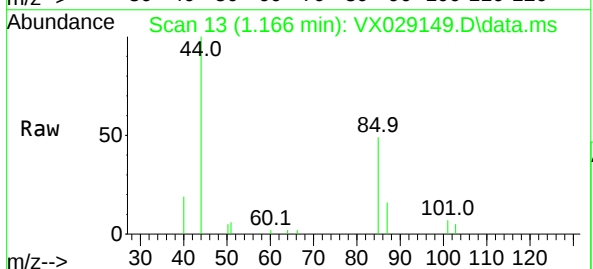


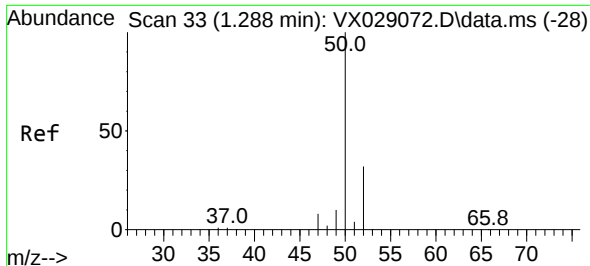
Tgt Ion:168 Resp: 292038
Ion Ratio Lower Upper
168 100
99 59.5 41.7 62.5



#2
Dichlorodifluoromethane
Concen: 0.565 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX029149.D
Acq: 02 Jun 2022 20:36

Tgt Ion: 85 Resp: 1435
Ion Ratio Lower Upper
85 100
87 31.6 16.2 48.6

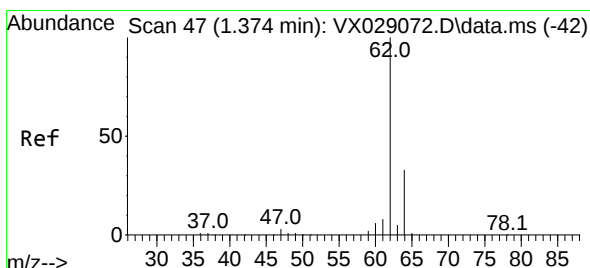
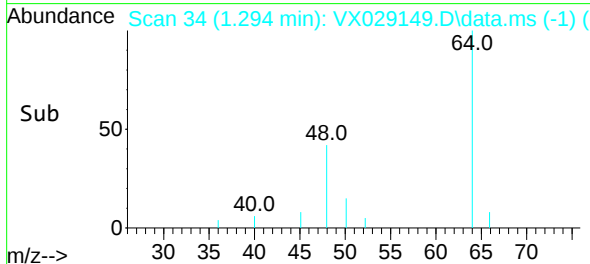
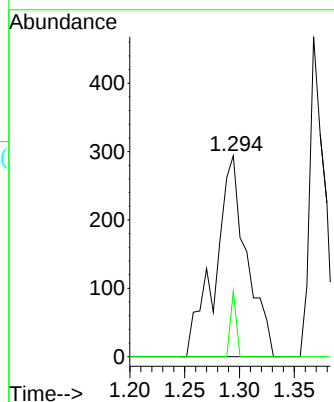
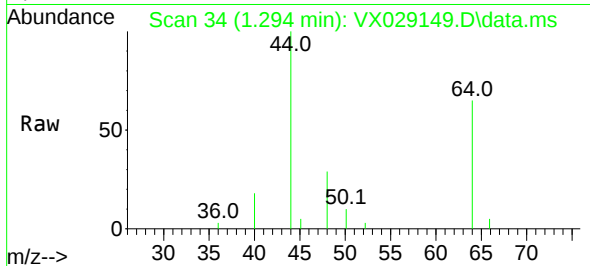




#3
Chloromethane
Concen: 0.221 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX029149.D
Acq: 02 Jun 2022 20:36

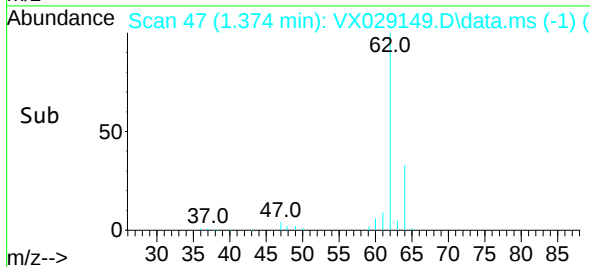
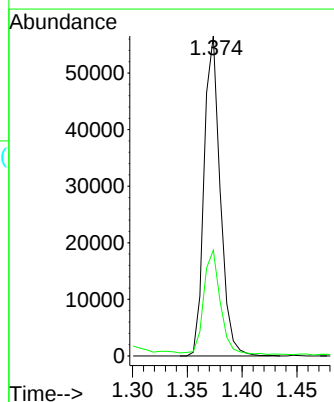
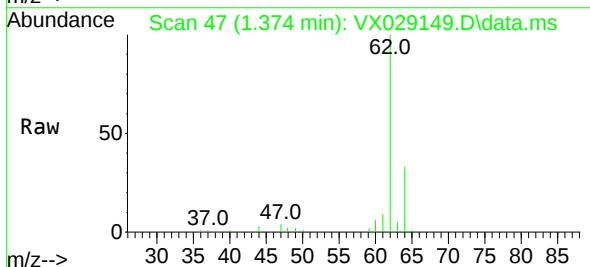
Instrument :
MSVOA_X
ClientSampleId :

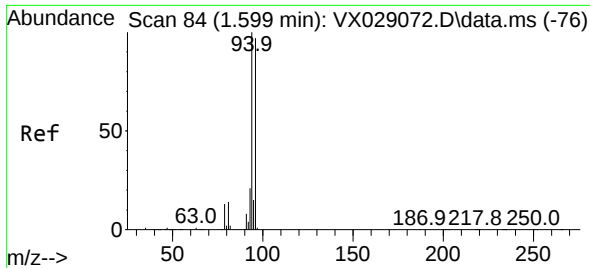
Tgt Ion: 50 Resp: 588
Ion Ratio Lower Upper
50 100
52 32.7 26.4 39.6



#4
Vinyl Chloride
Concen: 19.732 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX029149.D
Acq: 02 Jun 2022 20:36

Tgt Ion: 62 Resp: 57653
Ion Ratio Lower Upper
62 100
64 32.5 25.5 38.3

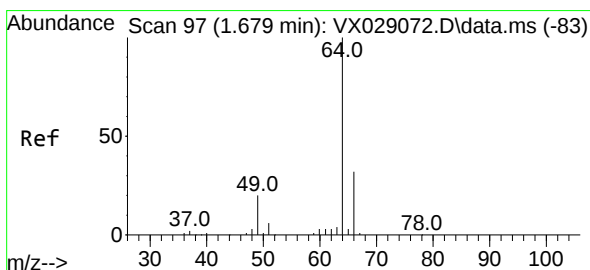
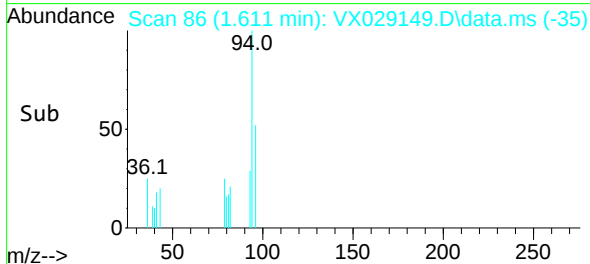
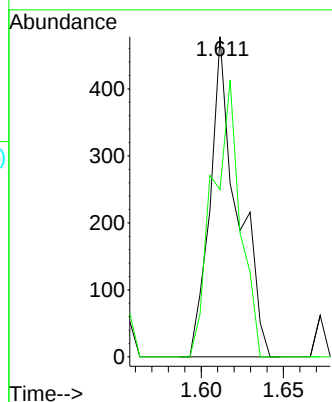
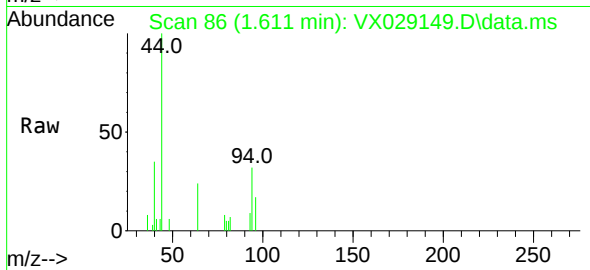




#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 80
Delta R.T. 0.012 min
Lab File: VX029149.D
Acq: 02 Jun 2022 20:36

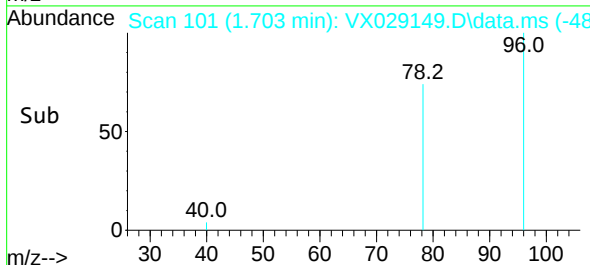
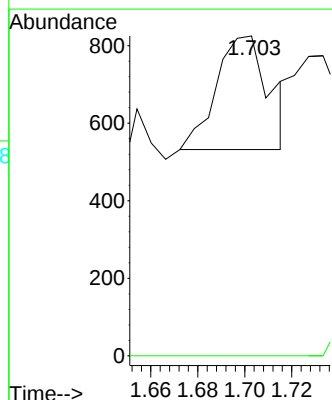
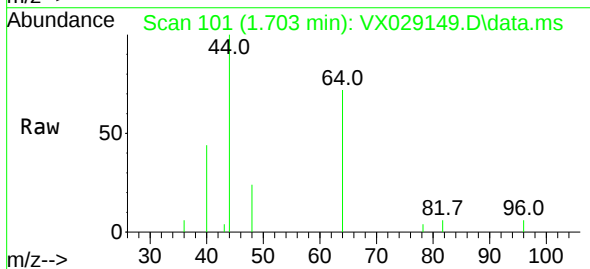
Instrument :
MSVOA_X
ClientSampleId :

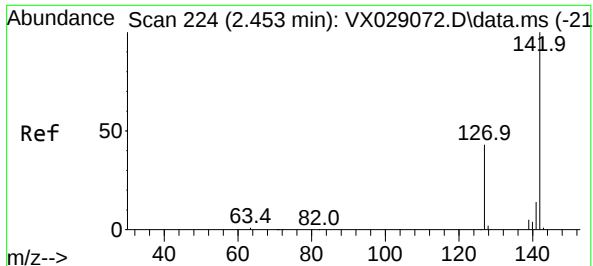
Tgt Ion: 94 Resp: 551
Ion Ratio Lower Upper
94 100
96 52.3 75.3 112.9#



#6
Chloroethane
Concen: 1.579 ug/l
RT: 1.703 min Scan# 101
Delta R.T. 0.024 min
Lab File: VX029149.D
Acq: 02 Jun 2022 20:36

Tgt Ion: 64 Resp: 460
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#

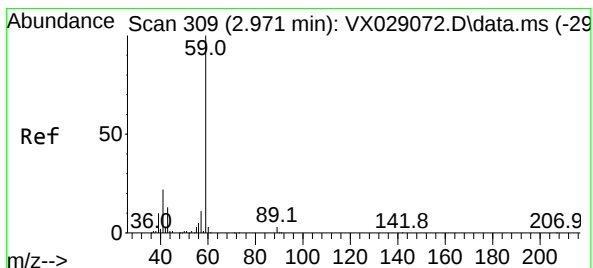
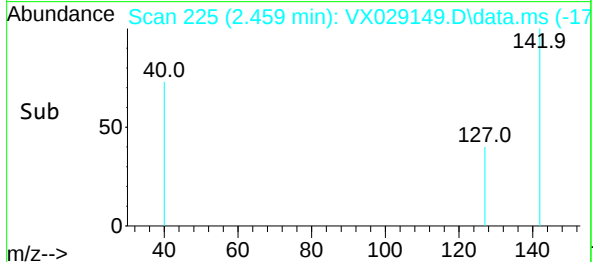
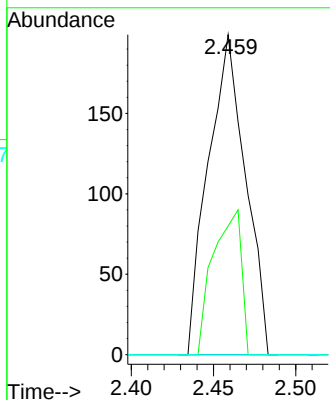
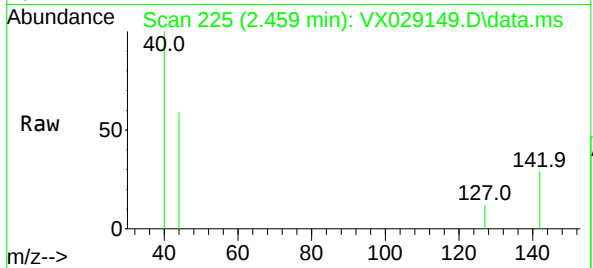




#10
Methyl Iodide
Concen: 4.314 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX029149.D
Acq: 02 Jun 2022 20:36

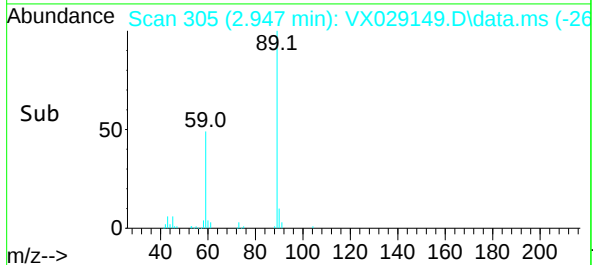
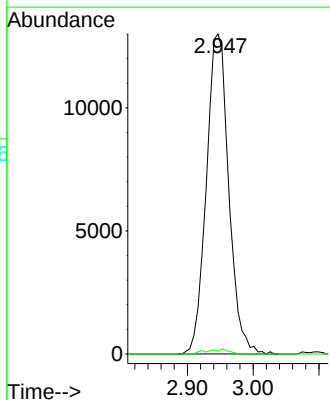
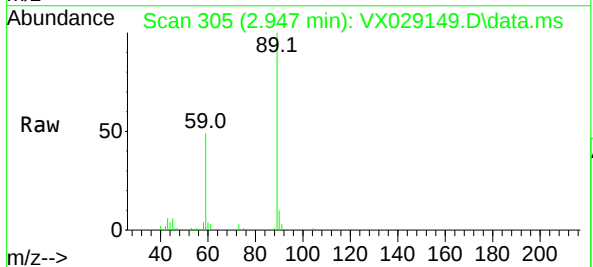
Instrument :
MSVOA_X
ClientSampleId :

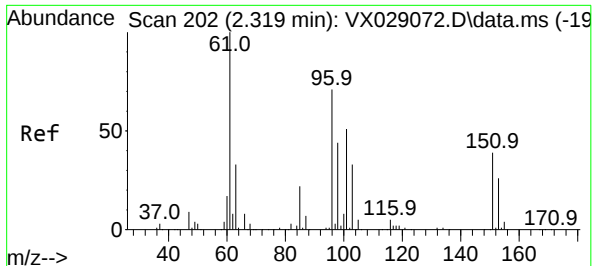
Tgt Ion:142 Resp: 314
Ion Ratio Lower Upper
142 100
127 34.4 33.9 50.9
141 0.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: 40.359 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.024 min
Lab File: VX029149.D
Acq: 02 Jun 2022 20:36

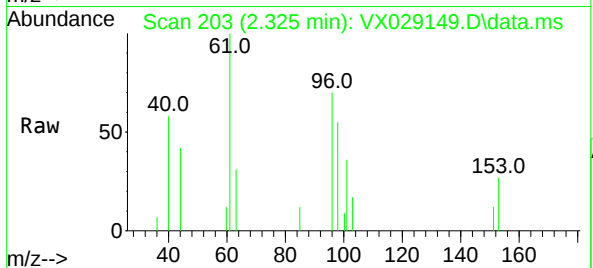
Tgt Ion: 59 Resp: 30789
Ion Ratio Lower Upper
59 100
57 1.1 8.3 12.5#



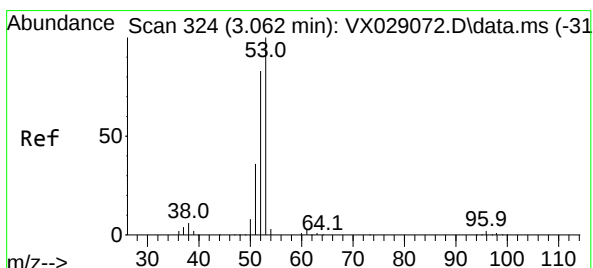
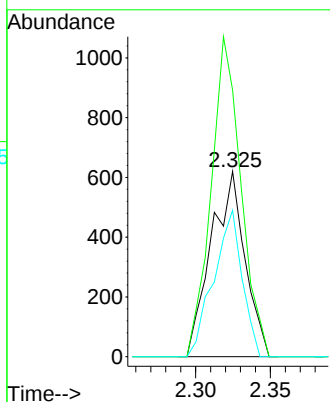
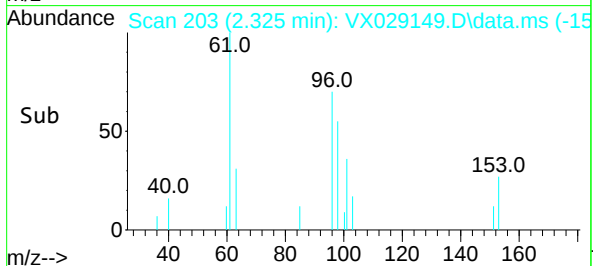


#12
1,1-Dichloroethene
Concen: 0.369 ug/l
RT: 2.325 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX029149.D
Acq: 02 Jun 2022 20:36

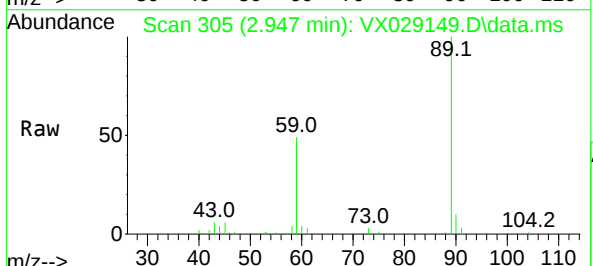
Instrument :
MSVOA_X
ClientSampleId :



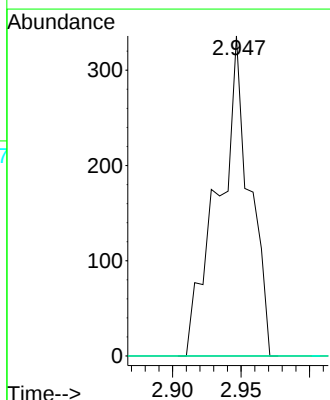
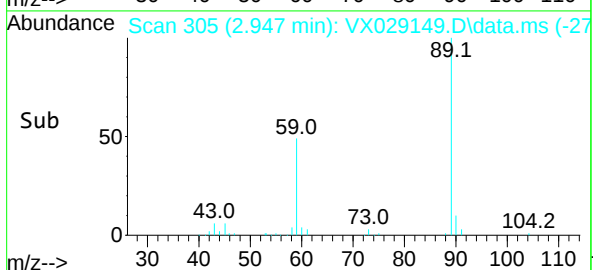
Tgt Ion: 96 Resp: 972
Ion Ratio Lower Upper
96 100
61 143.9 124.6 187.0
98 79.0 51.0 76.4#

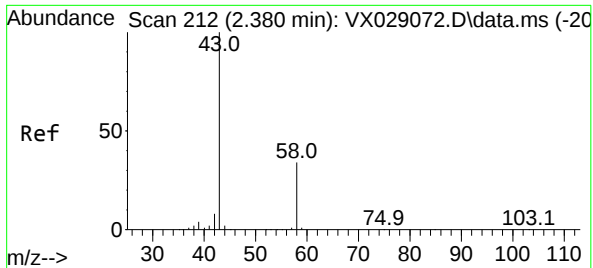


#15
Acrylonitrile
Concen: 0.341 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.115 min
Lab File: VX029149.D
Acq: 02 Jun 2022 20:36



Tgt Ion: 53 Resp: 536
Ion Ratio Lower Upper
53 100
52 0.0 65.7 98.5#
51 0.0 28.4 42.6#

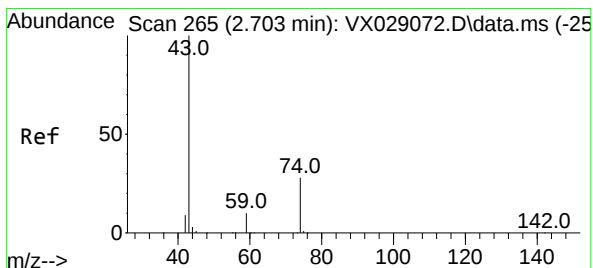
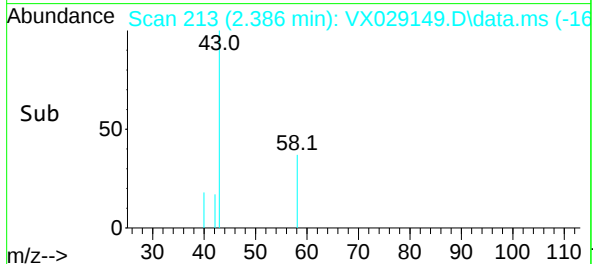
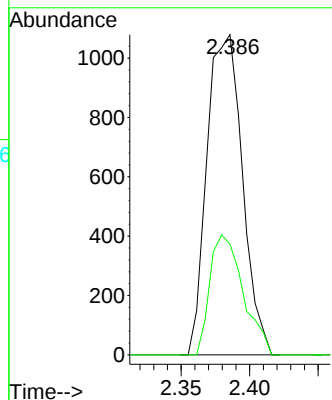
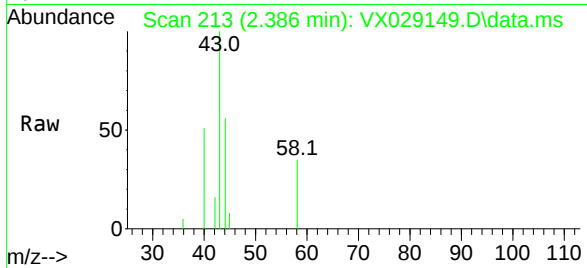




#16
Acetone
Concen: 1.497 ug/l
RT: 2.386 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX029149.D
Acq: 02 Jun 2022 20:36

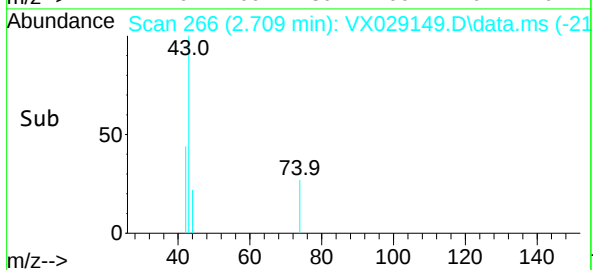
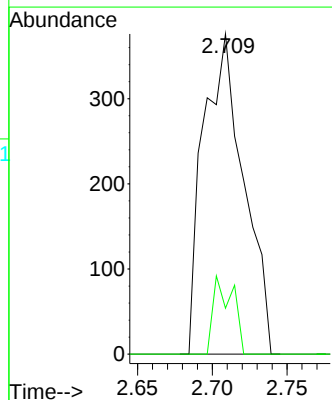
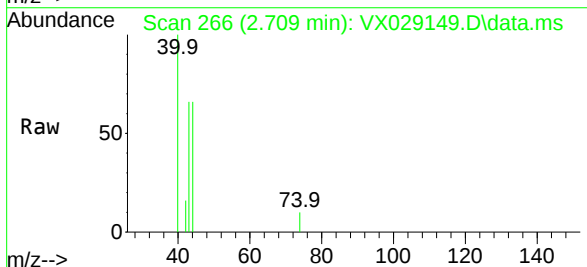
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MSVOA_X
ClientSampleId :

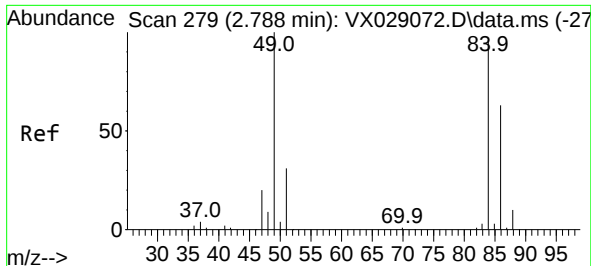
Tgt Ion: 43 Resp: 1941
Ion Ratio Lower Upper
43 100
58 34.6 28.8 43.2



#18
Methyl Acetate
Concen: 0.211 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX029149.D
Acq: 02 Jun 2022 20:36

Tgt Ion: 43 Resp: 707
Ion Ratio Lower Upper
43 100
74 11.7 22.8 34.2#





#20

Methylene Chloride

Concen: 0.415 ug/l

RT: 2.794 min Scan# 21

Delta R.T. 0.006 min

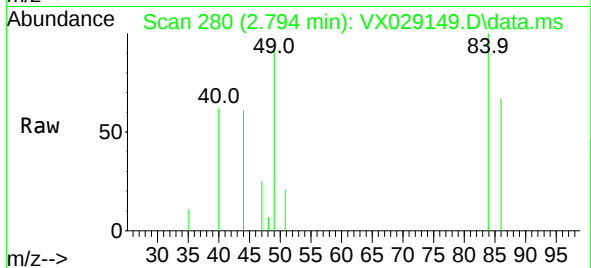
Lab File: VX029149.D

Acq: 02 Jun 2022 20:36

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 84 Resp: 1256

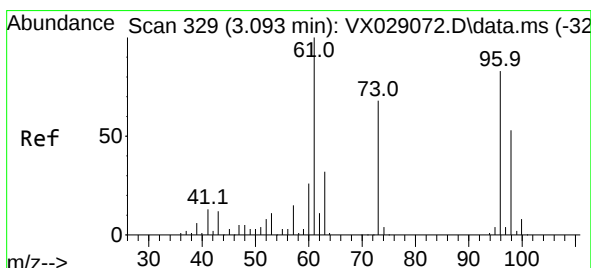
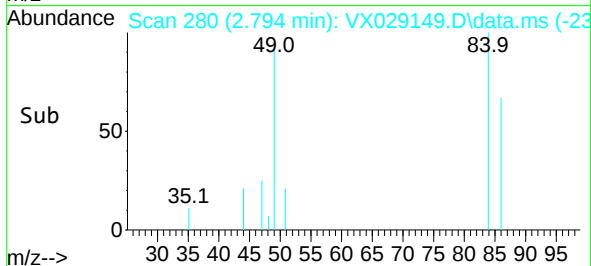
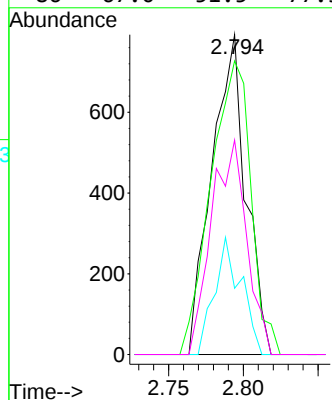
Ion Ratio Lower Upper

84 100

49 91.8 85.5 128.3

51 20.7 26.6 39.8#

86 67.0 51.5 77.3



#21

trans-1,2-Dichloroethene

Concen: 0.633 ug/l

RT: 3.093 min Scan# 329

Delta R.T. -0.000 min

Lab File: VX029149.D

Acq: 02 Jun 2022 20:36

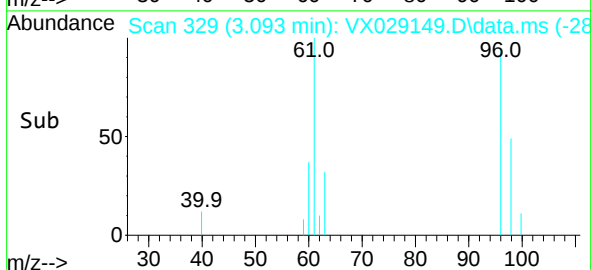
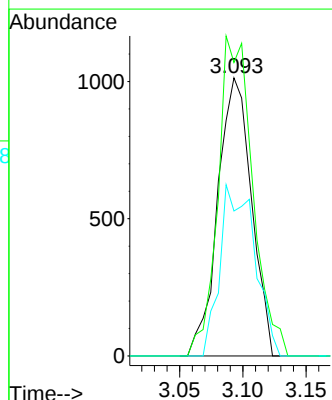
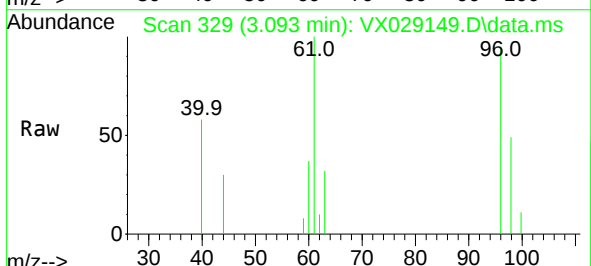
Tgt Ion: 96 Resp: 1879

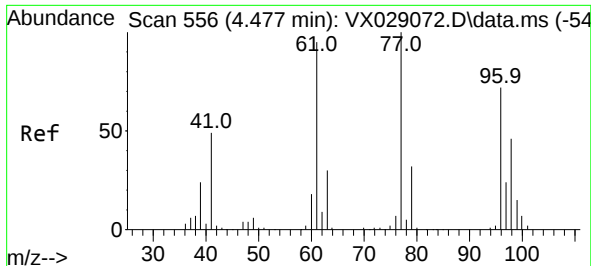
Ion Ratio Lower Upper

96 100

61 105.5 105.4 158.2

98 52.1 50.0 75.0





#26

2,2-Dichloropropane

Concen: 0.274 ug/l

RT: 4.568 min Scan# 51

Delta R.T. 0.091 min

Lab File: VX029149.D

Acq: 02 Jun 2022 20:36

Instrument :

MSVOA_X

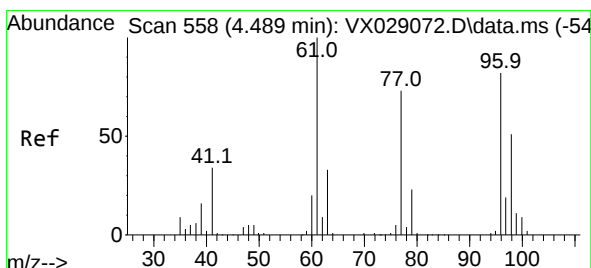
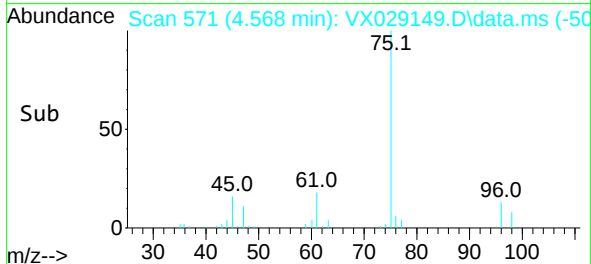
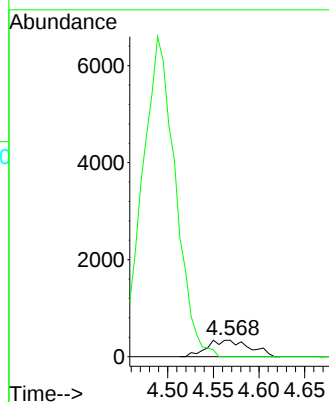
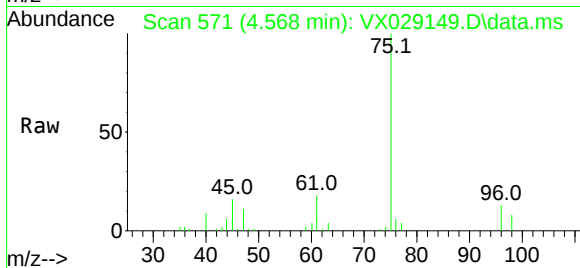
ClientSampleId :

Tgt Ion: 77 Resp: 1098

Ion Ratio Lower Upper

77 100

97 0.0 11.8 35.4#



#27

cis-1,2-Dichloroethene

Concen: 124.413 ug/l

RT: 4.489 min Scan# 558

Delta R.T. -0.000 min

Lab File: VX029149.D

Acq: 02 Jun 2022 20:36

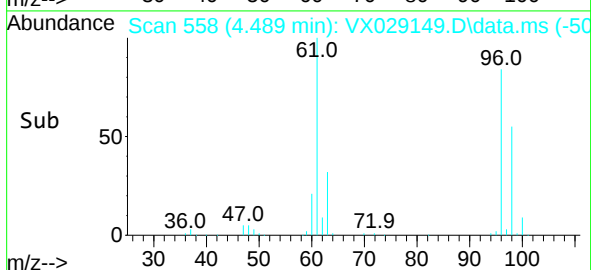
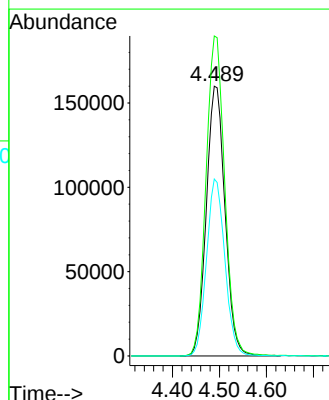
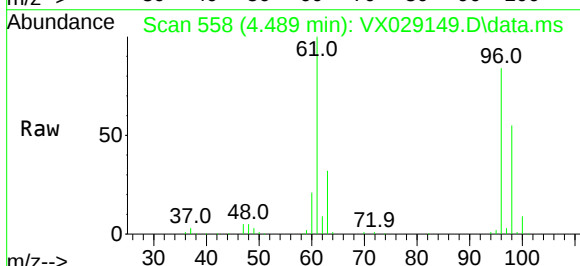
Tgt Ion: 96 Resp: 440586

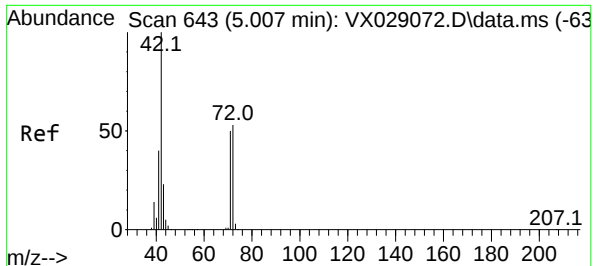
Ion Ratio Lower Upper

96 100

61 118.8 0.0 283.8

98 64.5 0.0 129.8





#29

Tetrahydrofuran

Concen: 0.355 ug/l

RT: 5.038 min Scan# 64

Delta R.T. 0.031 min

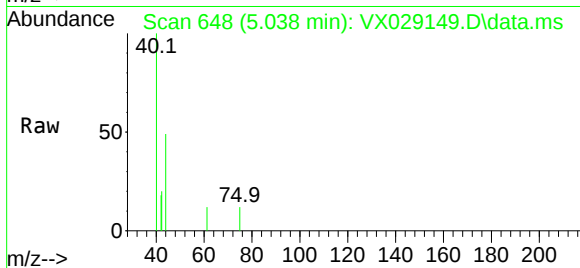
Lab File: VX029149.D

Acq: 02 Jun 2022 20:36

Instrument :

MSVOA_X

ClientSampleId :



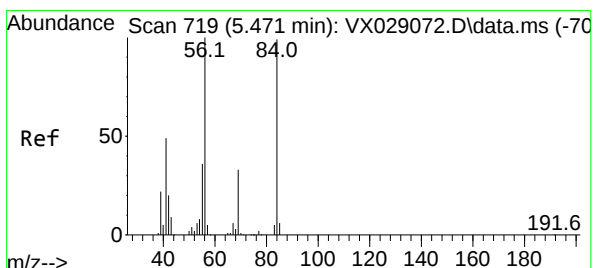
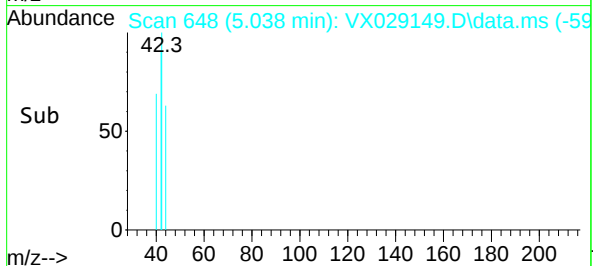
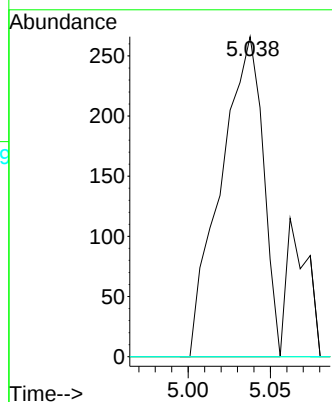
Tgt Ion: 42 Resp: 476

Ion Ratio Lower Upper

42 100

72 0.0 44.1 66.1#

71 0.0 40.5 60.7#



#31

Cyclohexane

Concen: 1.368 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.085 min

Lab File: VX029149.D

Acq: 02 Jun 2022 20:36

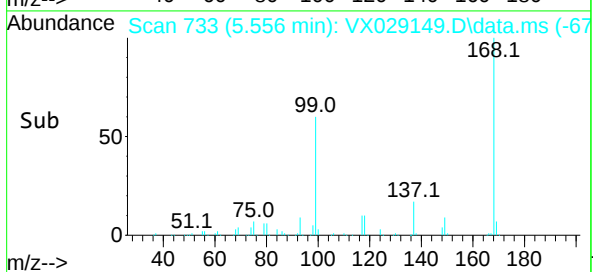
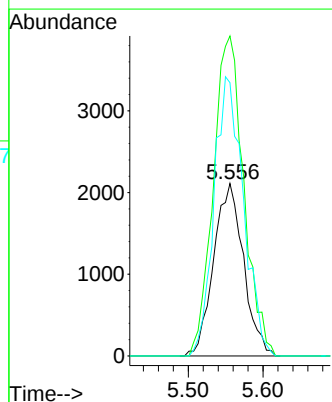
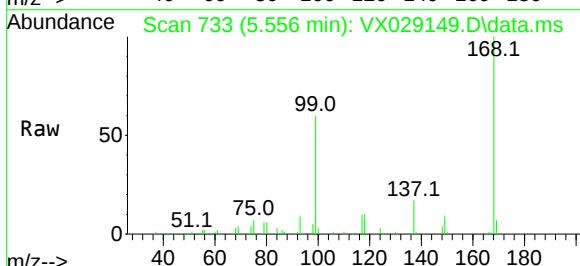
Tgt Ion: 56 Resp: 5856

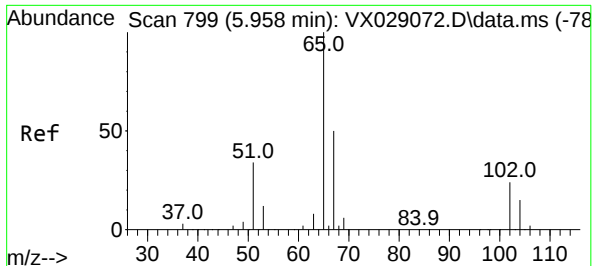
Ion Ratio Lower Upper

56 100

69 185.5 26.7 40.1#

84 158.4 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 58.919 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX029149.D

Acq: 02 Jun 2022 20:36

Instrument :

MSVOA_X

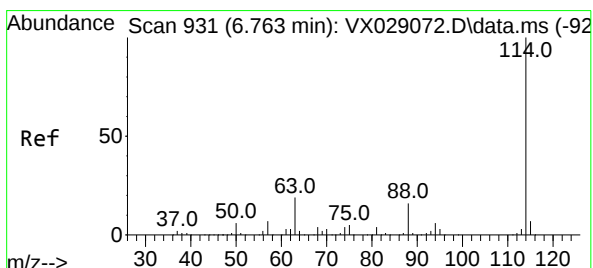
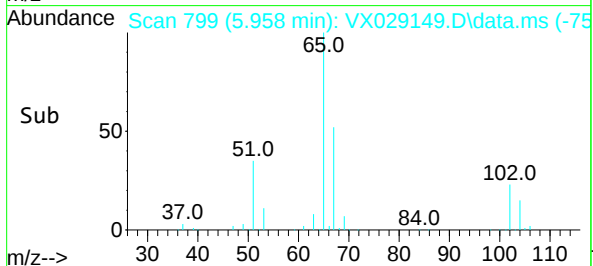
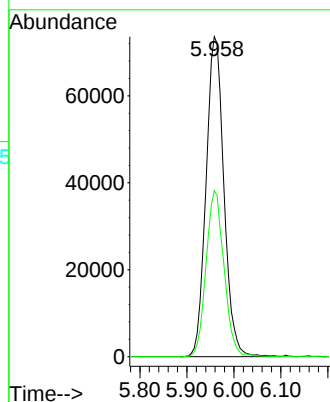
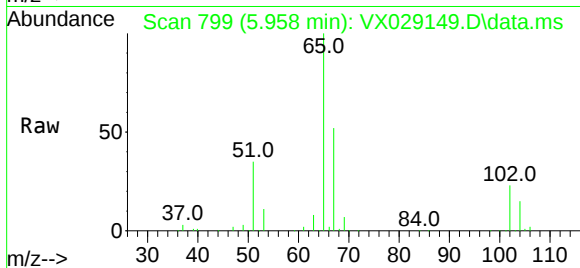
ClientSampleId :

Tgt Ion: 65 Resp: 194029

Ion Ratio Lower Upper

65 100

67 52.2 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: VX029149.D

Acq: 02 Jun 2022 20:36

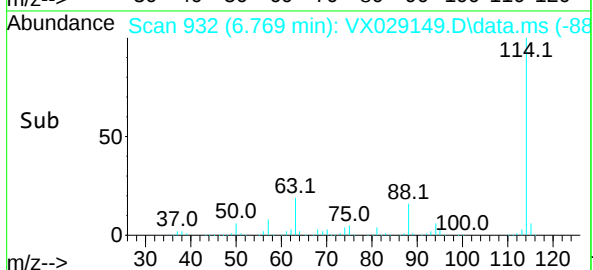
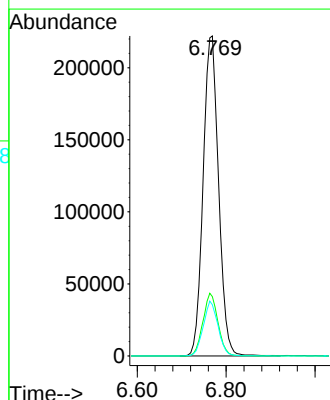
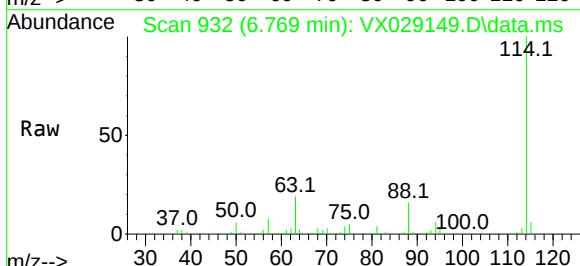
Tgt Ion: 114 Resp: 538128

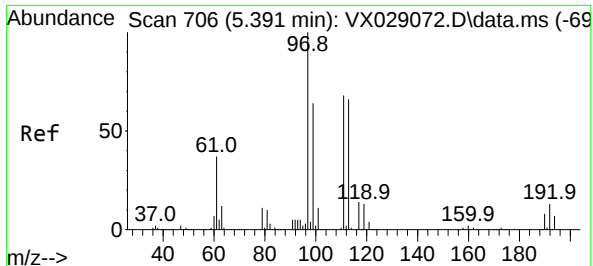
Ion Ratio Lower Upper

114 100

63 18.5 0.0 36.8

88 16.0 0.0 32.4





#35

Dibromofluoromethane

Concen: 49.789 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

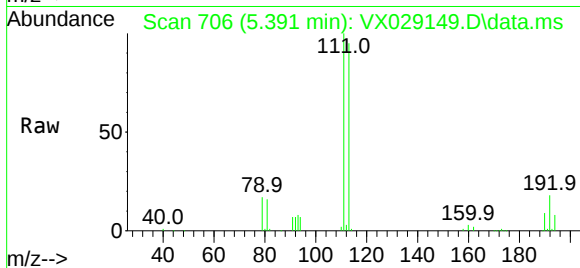
Lab File: VX029149.D

Acq: 02 Jun 2022 20:36

Instrument :

MSVOA_X

ClientSampleId :



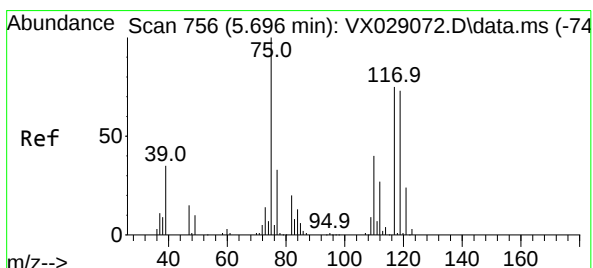
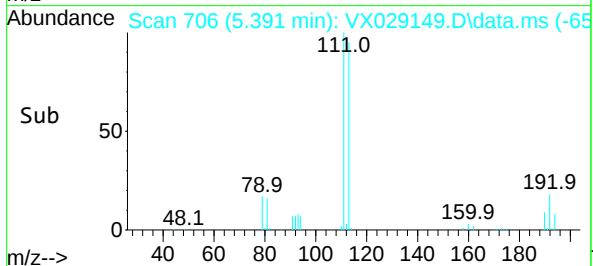
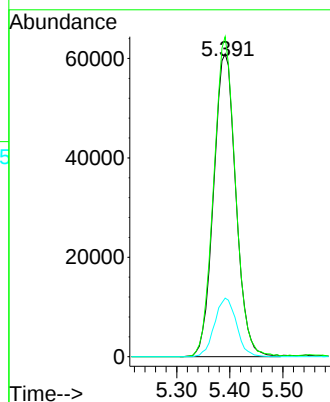
Tgt Ion:113 Resp: 177963

Ion Ratio Lower Upper

113 100

111 103.2 82.8 124.2

192 19.0 16.9 25.3



#36

1,1-Dichloropropene

Concen: 4.898 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.146 min

Lab File: VX029149.D

Acq: 02 Jun 2022 20:36

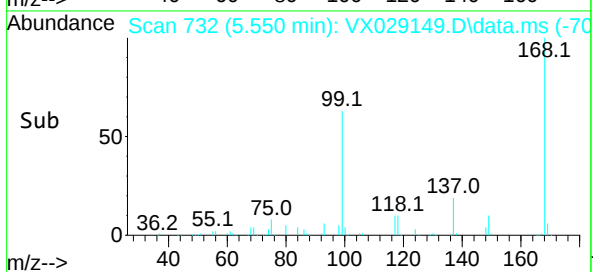
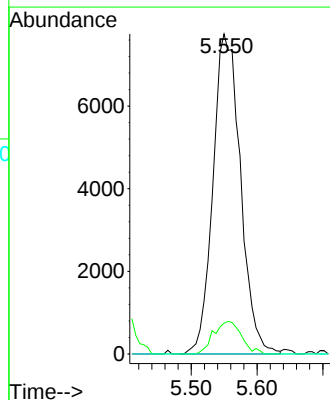
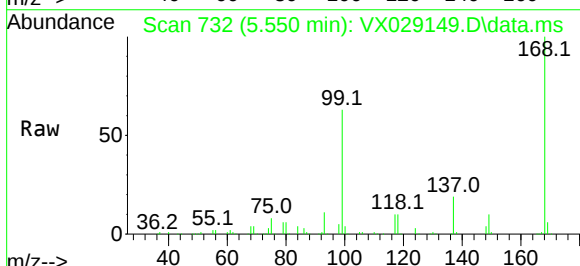
Tgt Ion: 75 Resp: 22527

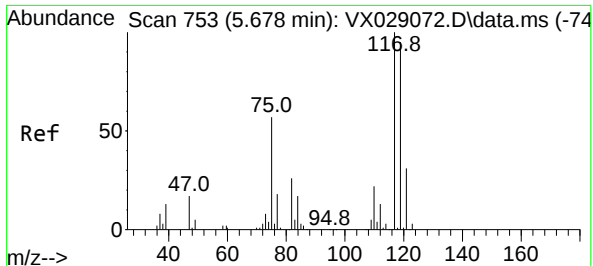
Ion Ratio Lower Upper

75 100

110 10.4 18.3 54.8#

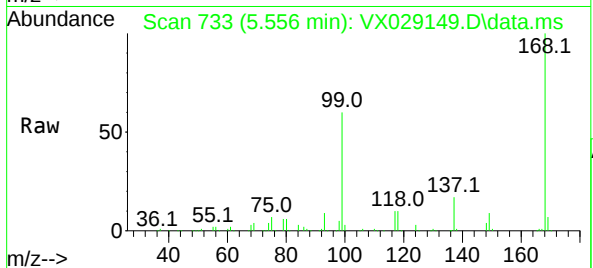
77 0.0 24.8 37.2#



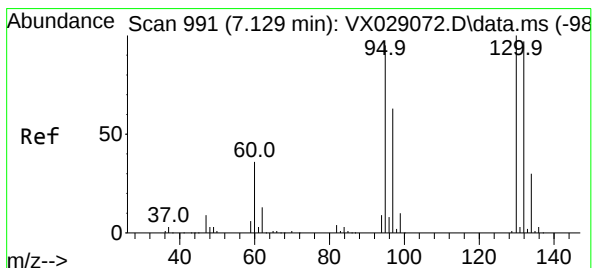
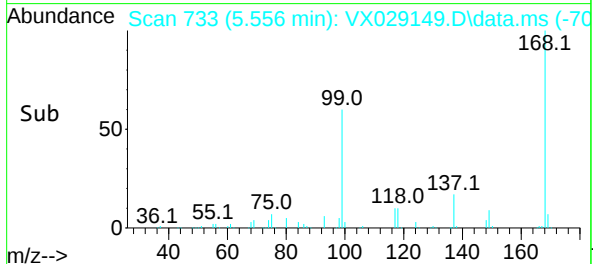
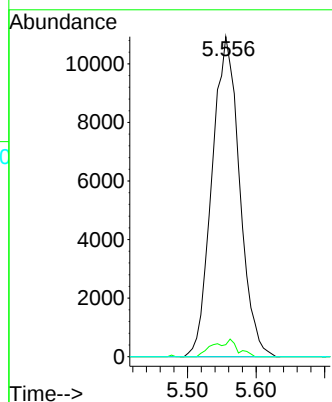


#38
Carbon Tetrachloride
Concen: 5.809 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX029149.D
Acq: 02 Jun 2022 20:36

Instrument :
MSVOA_X
ClientSampleId :

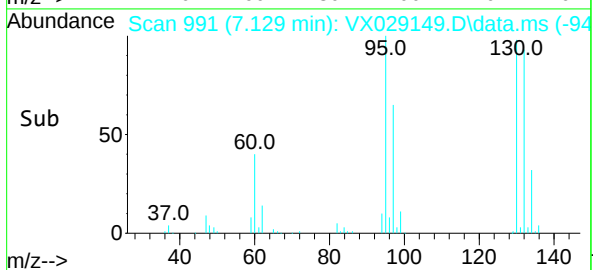
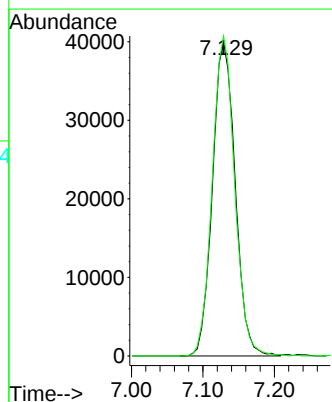
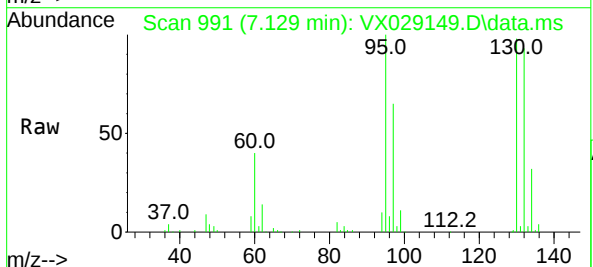


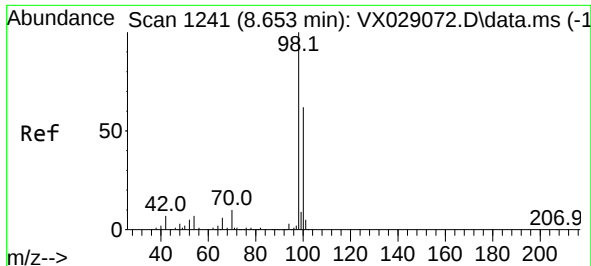
Tgt Ion:117 Resp: 30534
Ion Ratio Lower Upper
117 100
119 3.7 77.3 115.9#
121 0.0 24.2 36.2#



#44
Trichloroethene
Concen: 21.421 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX029149.D
Acq: 02 Jun 2022 20:36

Tgt Ion:130 Resp: 88124
Ion Ratio Lower Upper
130 100
95 101.9 0.0 188.8

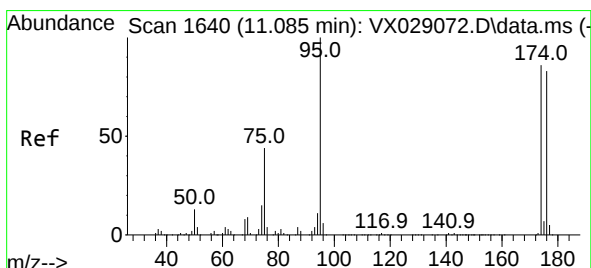
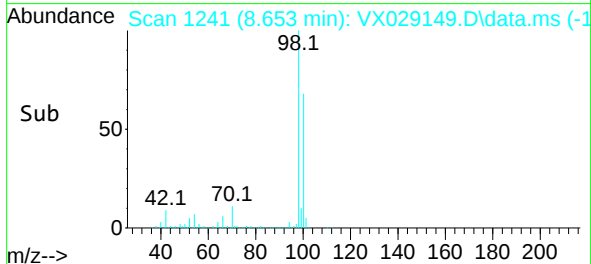
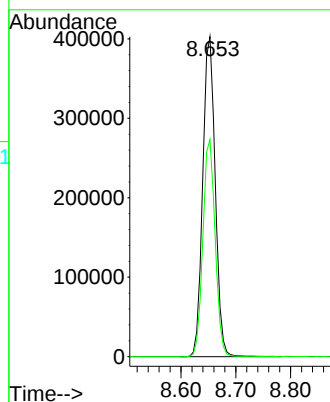
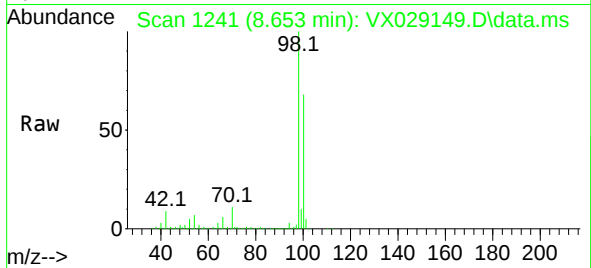




#50
Toluene-d8
Concen: 48.716 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029149.D
Acq: 02 Jun 2022 20:36

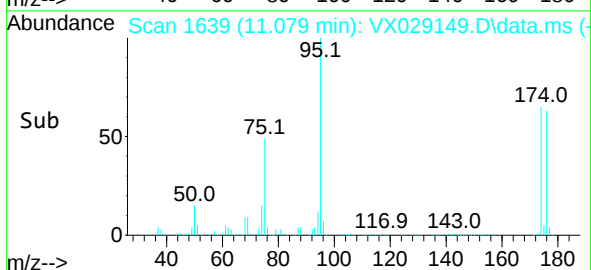
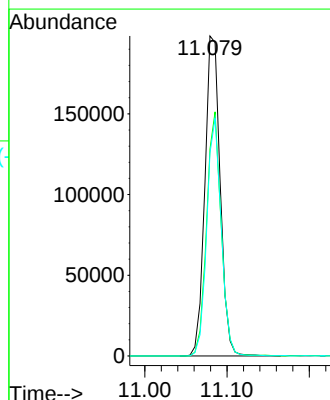
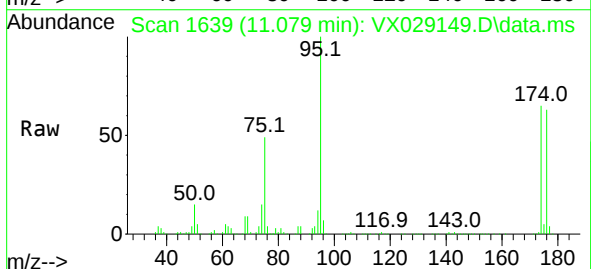
Instrument :
MSVOA_X
ClientSampleId :

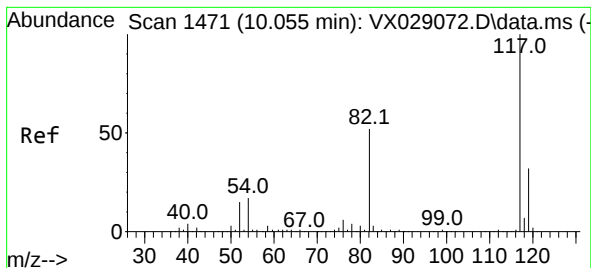
Tgt Ion: 98 Resp: 636866
Ion Ratio Lower Upper
98 100
100 66.7 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 50.784 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX029149.D
Acq: 02 Jun 2022 20:36

Tgt Ion: 95 Resp: 256633
Ion Ratio Lower Upper
95 100
174 72.2 0.0 163.0
176 70.1 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: VX029149.D

Acq: 02 Jun 2022 20:36

Instrument :

MSVOA_X

ClientSampleId :

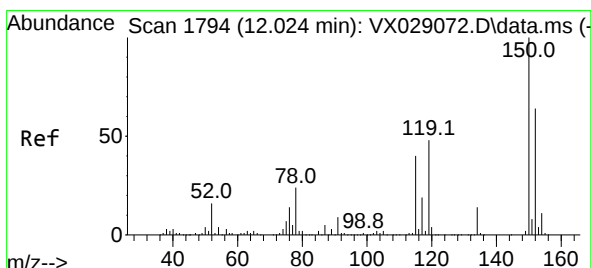
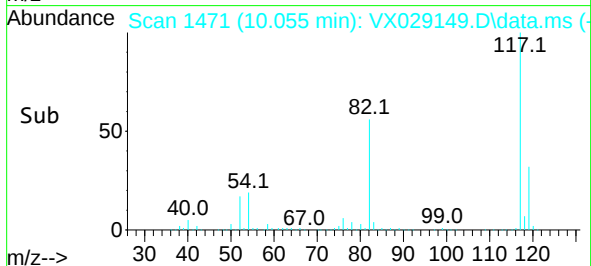
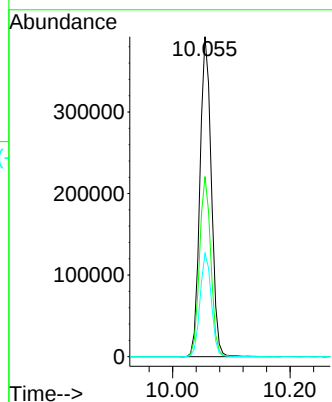
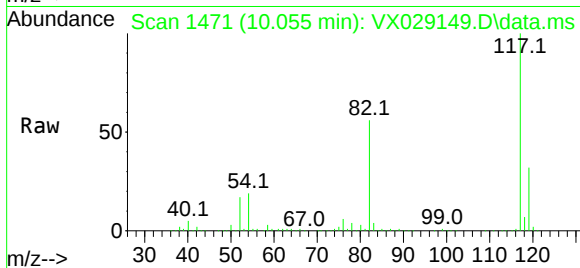
Tgt Ion:117 Resp: 528466

Ion Ratio Lower Upper

117 100

82 56.3 41.8 62.8

119 32.3 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: VX029149.D

Acq: 02 Jun 2022 20:36

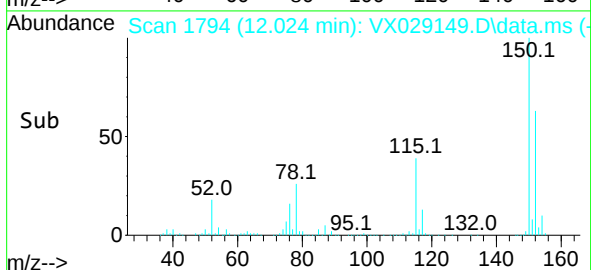
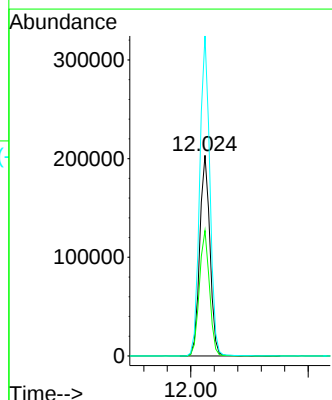
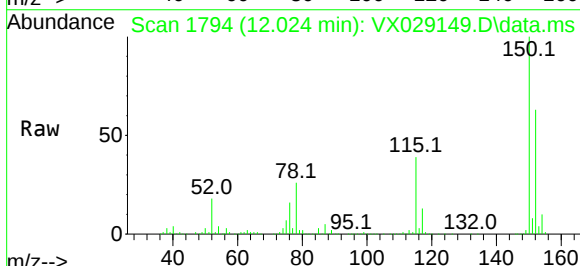
Tgt Ion:152 Resp: 244640

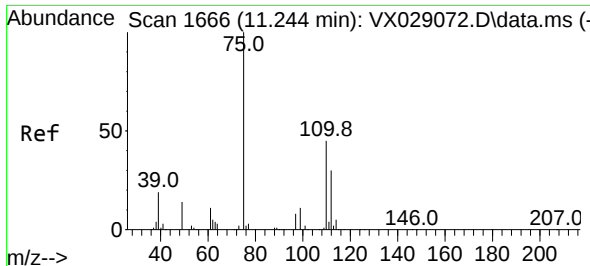
Ion Ratio Lower Upper

152 100

115 62.1 37.5 112.7

150 158.4 0.0 338.2

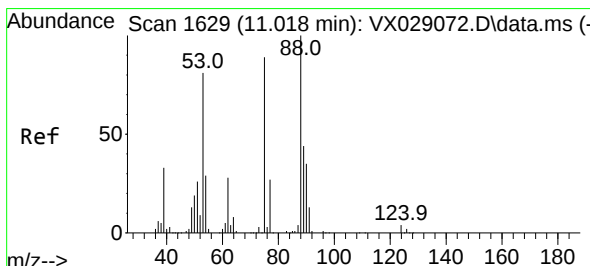
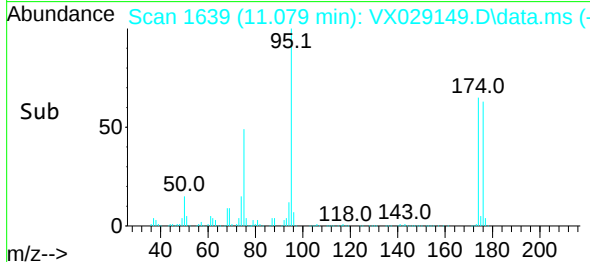
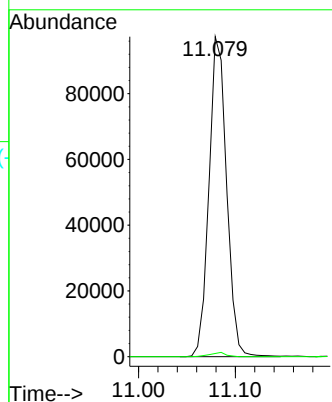
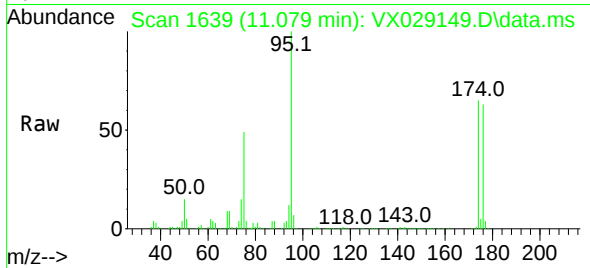




#76
1,2,3-Trichloropropane
Concen: 24.880 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX029149.D
Acq: 02 Jun 2022 20:36

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 123385
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.992 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX029149.D
Acq: 02 Jun 2022 20:36

Tgt Ion: 75 Resp: 123385
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

