

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040122\
 Data File : VX027913.D
 Acq On : 02 Apr 2022 04:22
 Operator : JC/MD
 Sample : N2204-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TRIP-BLANK

Quant Time: Apr 02 07:34:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032922W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 04:39:27 2022
 Response via : Initial Calibration

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

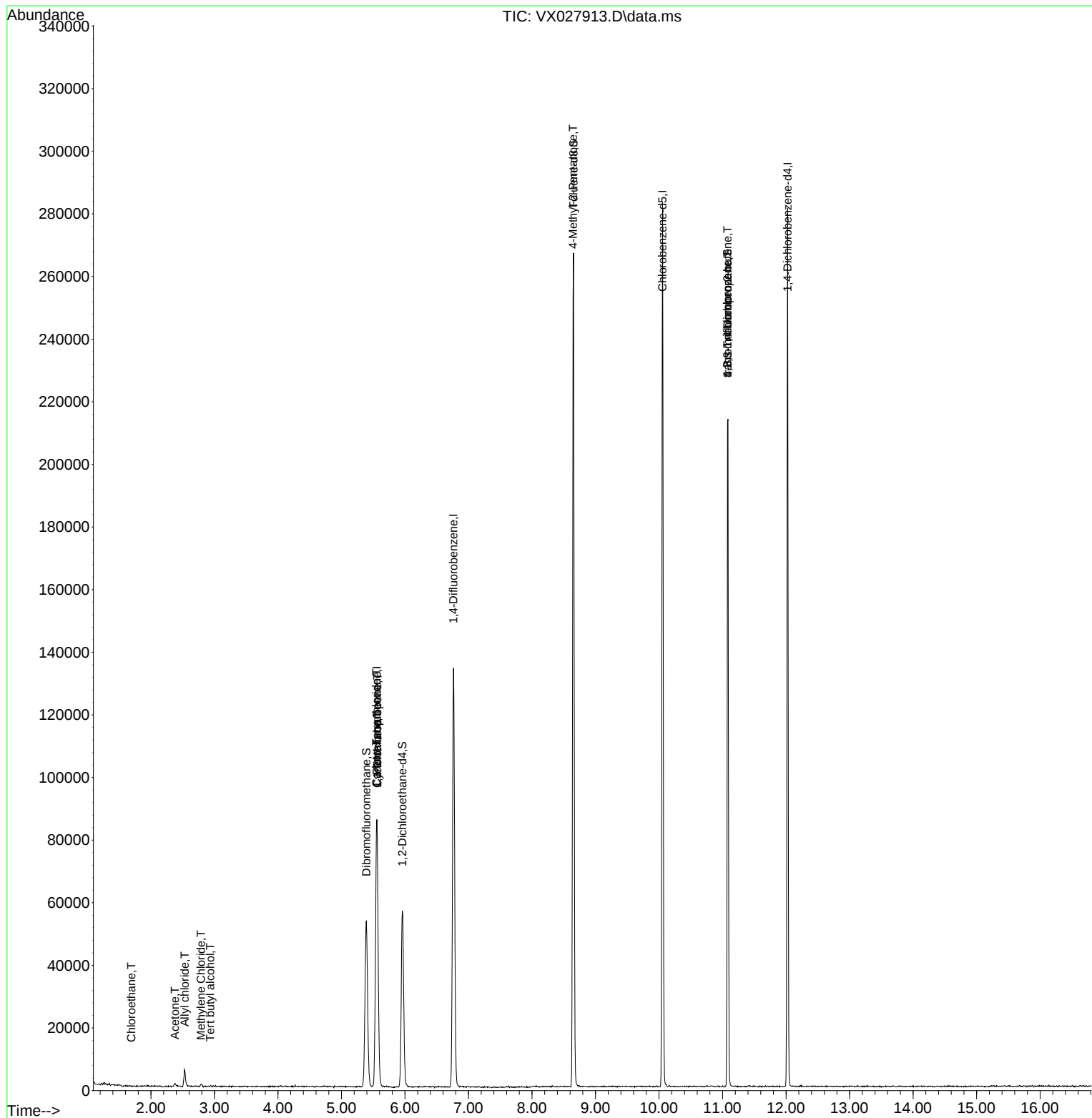
Internal Standards						
1) Pentafluorobenzene	5.556	168	77027	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	136059	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	120911	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	50718	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	54492	54.829	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 109.660%	
35) Dibromofluoromethane	5.391	113	46298	52.718	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 105.440%	
50) Toluene-d8	8.653	98	158495	51.293	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 102.580%	
62) 4-Bromofluorobenzene	11.079	95	60879	46.362	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 92.720%	
Target Compounds						
					Qvalue	
6) Chloroethane	1.691	64	143	0.335	ug/l #	43
11) Tert butyl alcohol	2.934	59	51	0.267	ug/l #	72
14) Allyl chloride	2.532	41	559	0.460	ug/l #	56
16) Acetone	2.380	43	1168	2.655	ug/l	91
20) Methylene Chloride	2.788	84	315	0.398	ug/l #	92
31) Cyclohexane	5.562	56	1635	1.488	ug/l #	33
36) 1,1-Dichloropropene	5.562	75	6560	5.931	ug/l #	50
38) Carbon Tetrachloride	5.550	117	8411	6.883	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	796	0.522	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	33162	27.873	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	33162	81.435	ug/l #	15

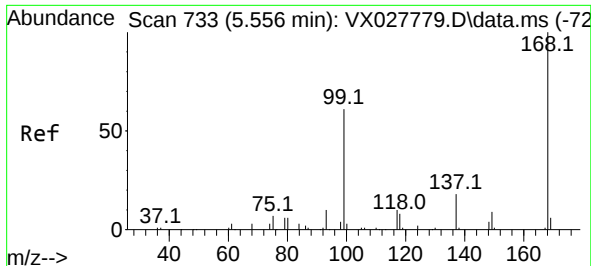
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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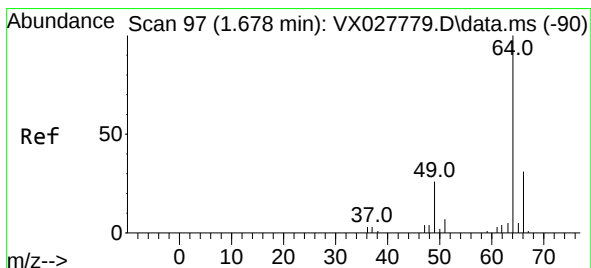
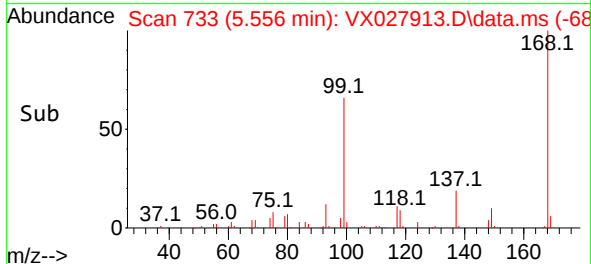
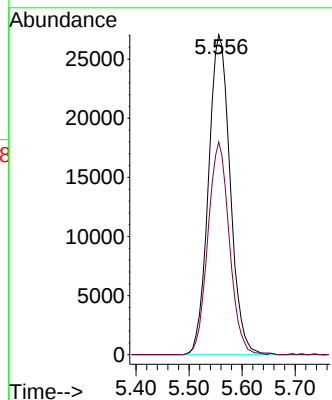
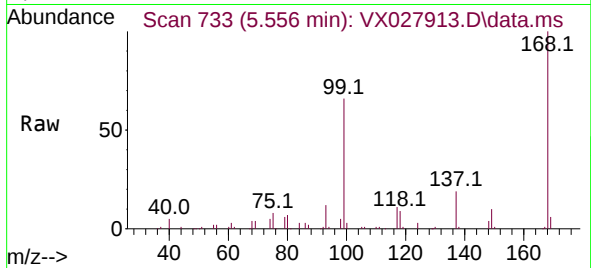




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027913.D
Acq: 02 Apr 2022 04:22

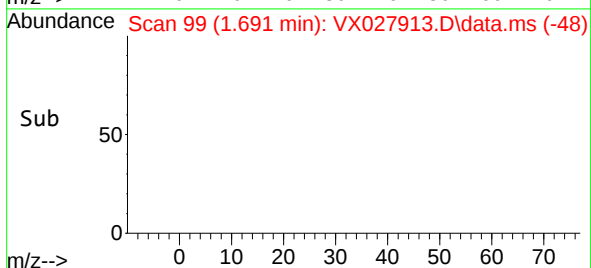
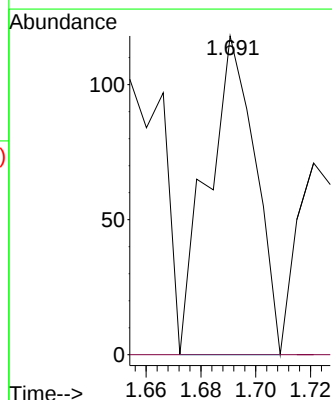
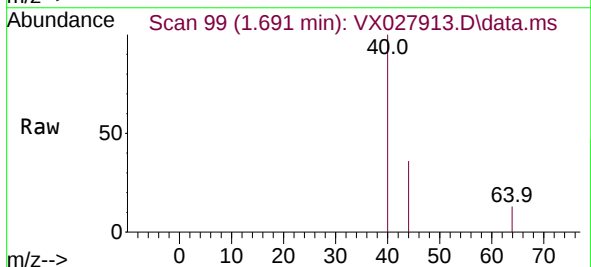
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

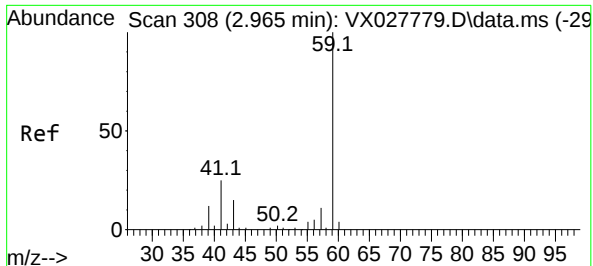
Tgt Ion:168 Resp: 77027
Ion Ratio Lower Upper
168 100
99 66.5 41.7 62.5#



#6
Chloroethane
Concen: 0.335 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.013 min
Lab File: VX027913.D
Acq: 02 Apr 2022 04:22

Tgt Ion: 64 Resp: 143
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#





#11

Tert butyl alcohol

Concen: 0.267 ug/l

RT: 2.934 min Scan# 30

Delta R.T. -0.031 min

Lab File: VX027913.D

Acq: 02 Apr 2022 04:22

Instrument :

MSVOA_X

ClientSampleId :

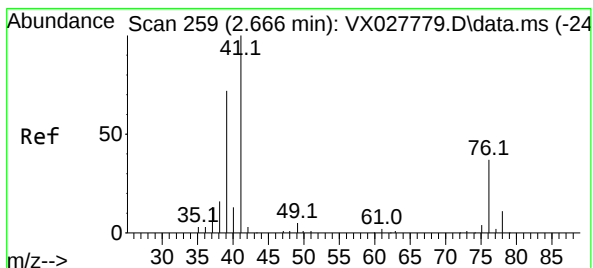
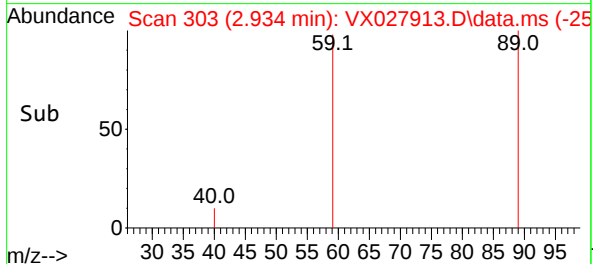
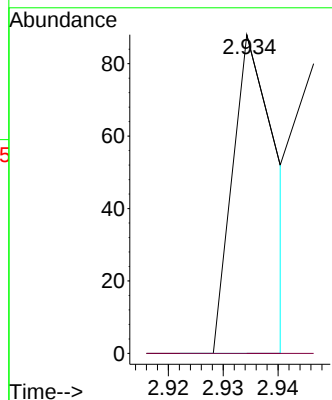
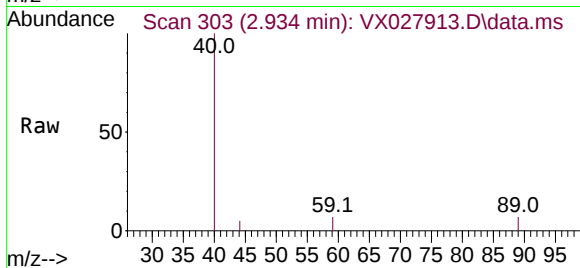
TRIP-BLANK

Tgt Ion: 59 Resp: 51

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



#14

Allyl chloride

Concen: 0.460 ug/l

RT: 2.532 min Scan# 237

Delta R.T. -0.134 min

Lab File: VX027913.D

Acq: 02 Apr 2022 04:22

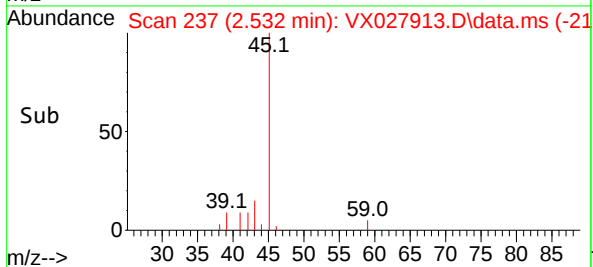
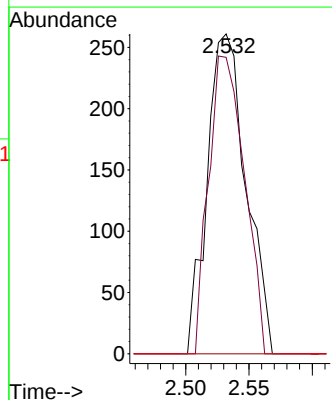
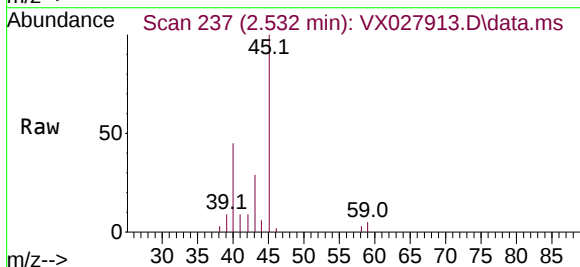
Tgt Ion: 41 Resp: 559

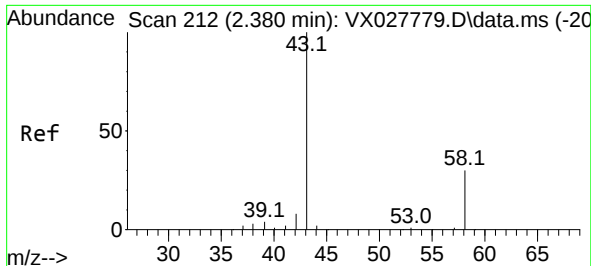
Ion Ratio Lower Upper

41 100

39 85.9 50.4 75.6#

76 0.0 32.7 49.1#





#16

Acetone

Concen: 2.655 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.000 min

Lab File: VX027913.D

Acq: 02 Apr 2022 04:22

Instrument :

MSVOA_X

ClientSampleId :

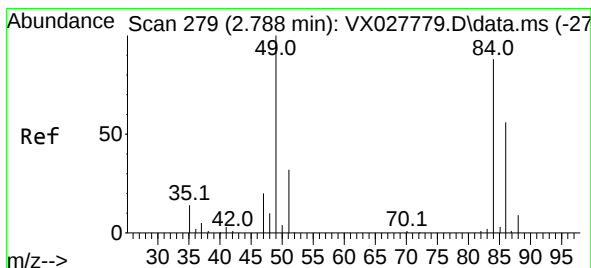
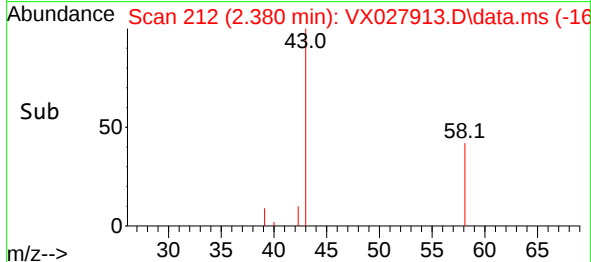
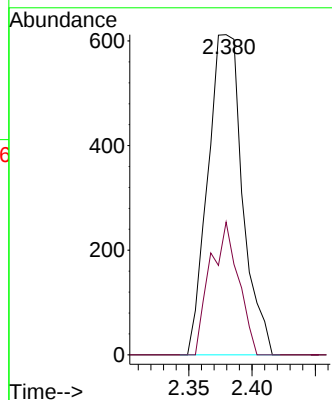
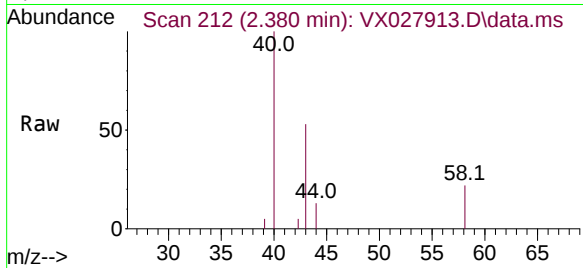
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Tgt Ion: 43 Resp: 1168

Ion Ratio Lower Upper

43 100

58 41.5 28.8 43.2



#20

Methylene Chloride

Concen: 0.398 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX027913.D

Acq: 02 Apr 2022 04:22

Tgt Ion: 84 Resp: 315

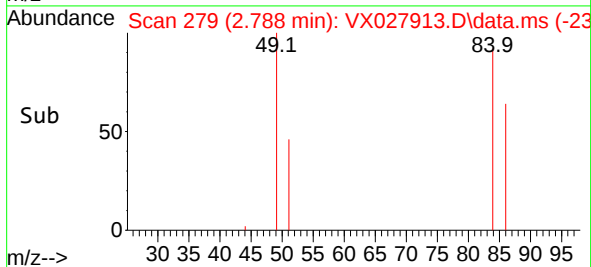
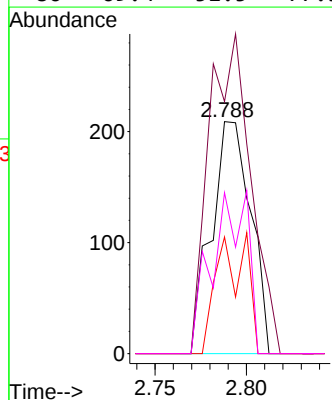
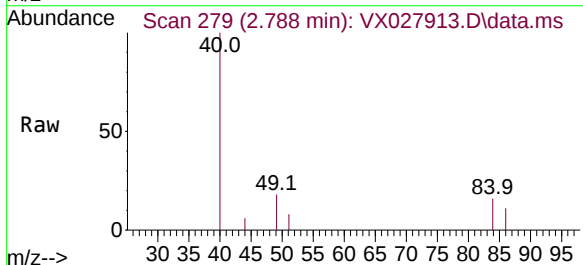
Ion Ratio Lower Upper

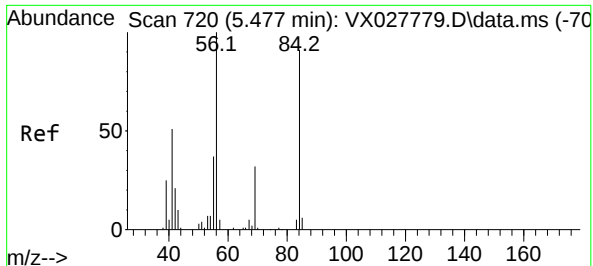
84 100

49 108.6 85.5 128.3

51 50.2 26.6 39.8#

86 69.4 51.5 77.3

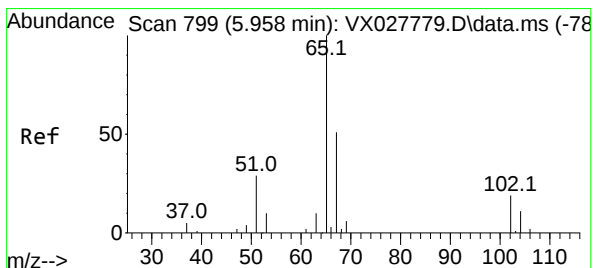
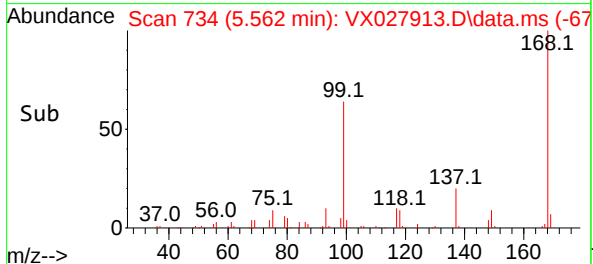
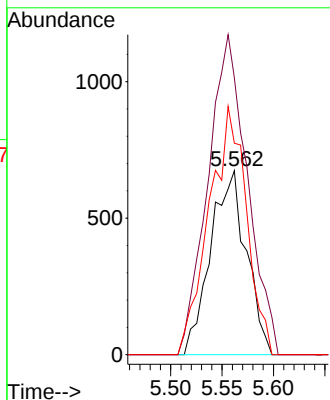
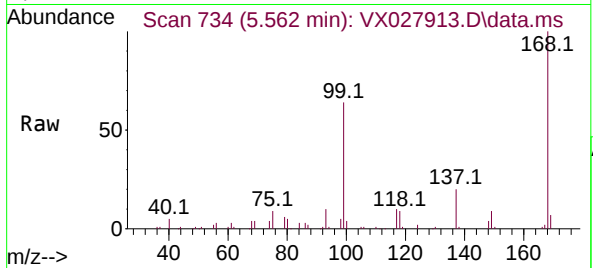




#31
Cyclohexane
Concen: 1.488 ug/l
RT: 5.562 min Scan# 713
Delta R.T. 0.085 min
Lab File: VX027913.D
Acq: 02 Apr 2022 04:22

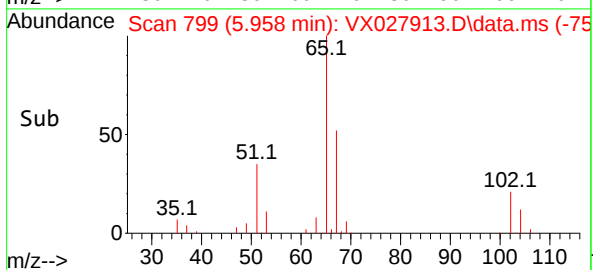
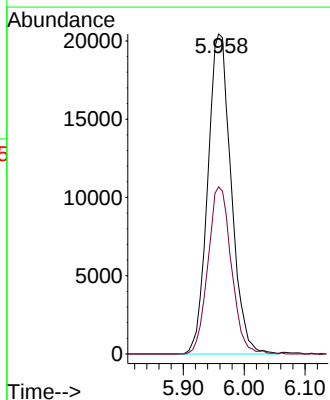
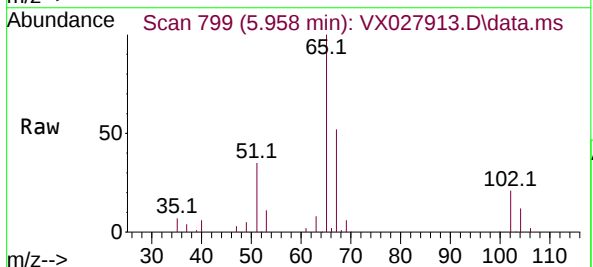
Instrument :
MSVOA_X
ClientSampleId :
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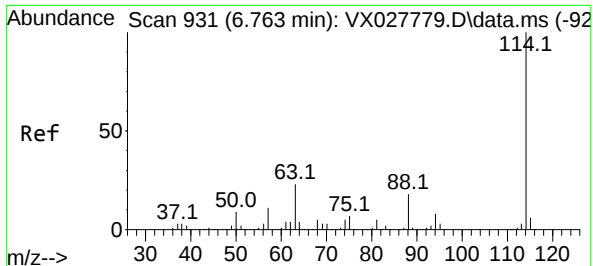
Tgt Ion: 56 Resp: 1635
Ion Ratio Lower Upper
56 100
69 150.4 26.7 40.1#
84 115.0 77.2 115.8



#33
1,2-Dichloroethane-d4
Concen: 54.829 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX027913.D
Acq: 02 Apr 2022 04:22

Tgt Ion: 65 Resp: 54492
Ion Ratio Lower Upper
65 100
67 52.1 0.0 107.4

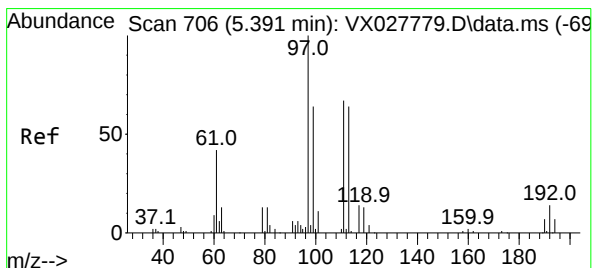
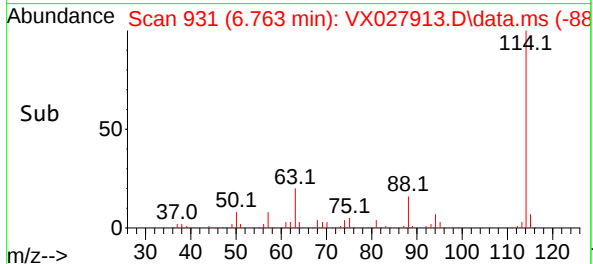
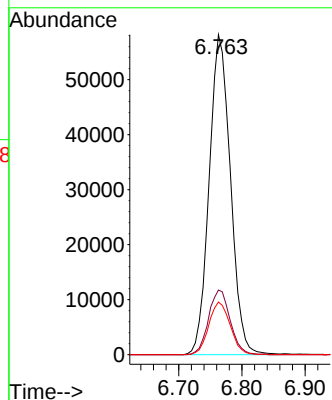
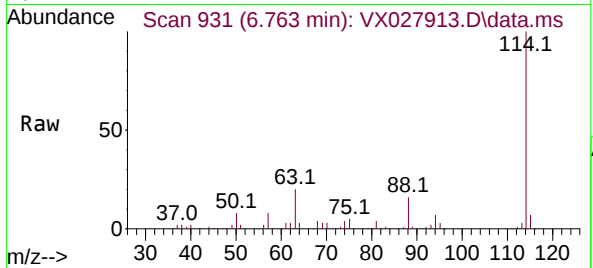




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX027913.D
Acq: 02 Apr 2022 04:22

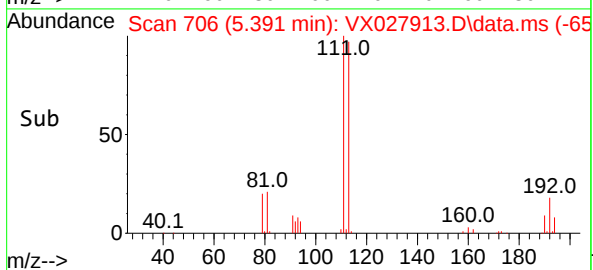
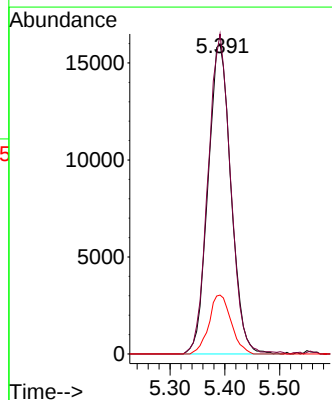
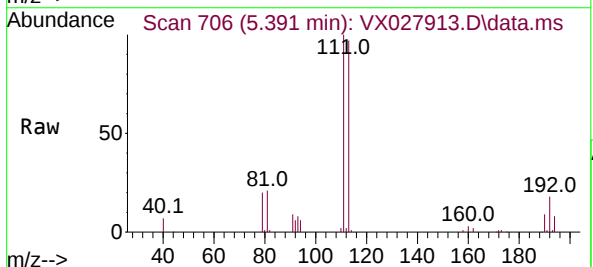
Instrument :
MSVOA_X
ClientSampleId :
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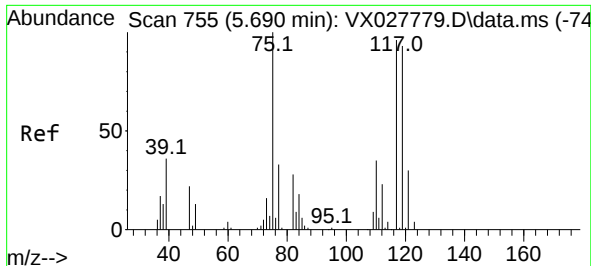
Tgt Ion:114 Resp: 136059
Ion Ratio Lower Upper
114 100
63 20.2 0.0 36.8
88 16.5 0.0 32.4



#35
Dibromofluoromethane
Concen: 52.718 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027913.D
Acq: 02 Apr 2022 04:22

Tgt Ion:113 Resp: 46298
Ion Ratio Lower Upper
113 100
111 101.7 82.8 124.2
192 18.5 16.9 25.3





#36

1,1-Dichloropropene

Concen: 5.931 ug/l

RT: 5.562 min Scan# 71

Delta R.T. -0.128 min

Lab File: VX027913.D

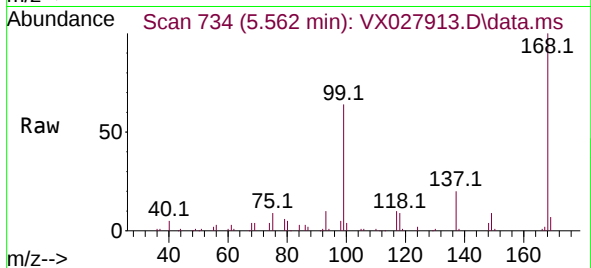
Acq: 02 Apr 2022 04:22

Instrument :

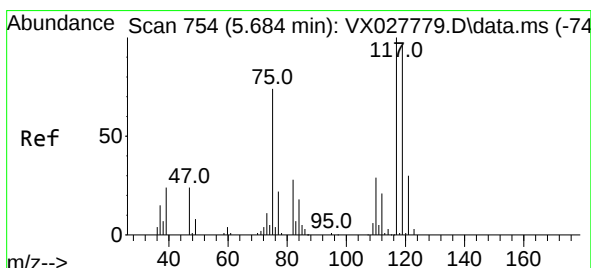
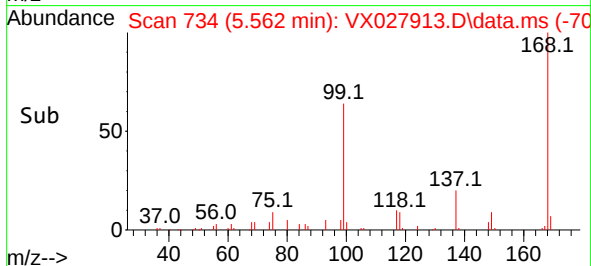
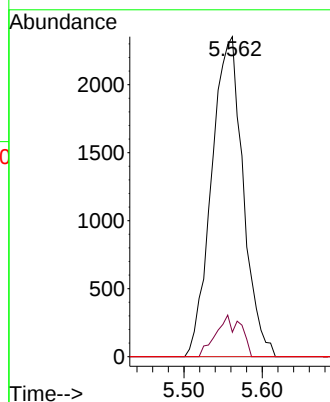
MSVOA_X

ClientSampleId :

TRIP-BLANK



Tgt Ion: 75	Resp: 6560
Ion Ratio	Lower Upper
75	100
110	10.2 18.3 54.8#
77	0.0 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 6.883 ug/l

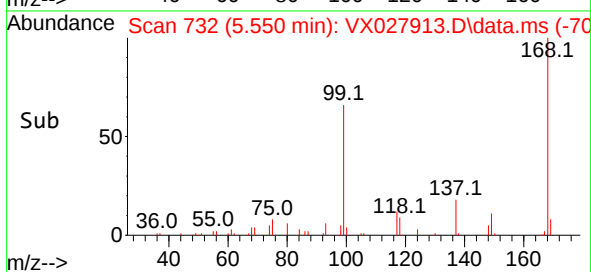
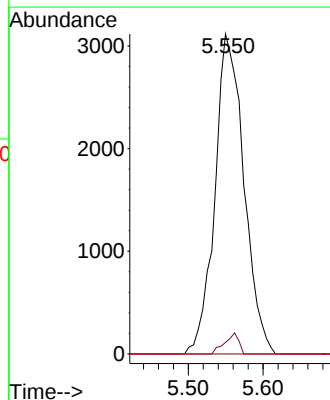
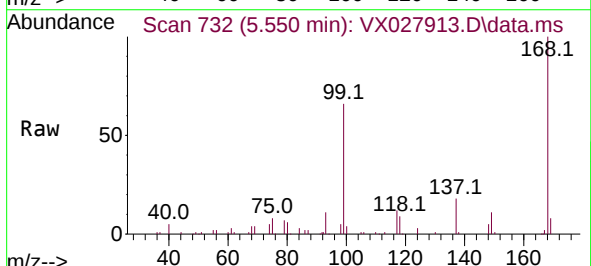
RT: 5.550 min Scan# 732

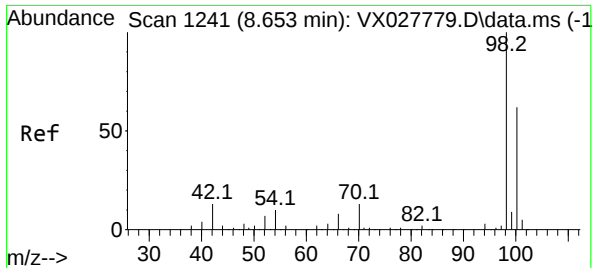
Delta R.T. -0.134 min

Lab File: VX027913.D

Acq: 02 Apr 2022 04:22

Tgt Ion: 117	Resp: 8411
Ion Ratio	Lower Upper
117	100
119	3.6 77.3 115.9#
121	0.0 24.2 36.2#





#50

Toluene-d8

Concen: 51.293 ug/l

RT: 8.653 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX027913.D

Acq: 02 Apr 2022 04:22

Instrument :

MSVOA_X

ClientSampleId :

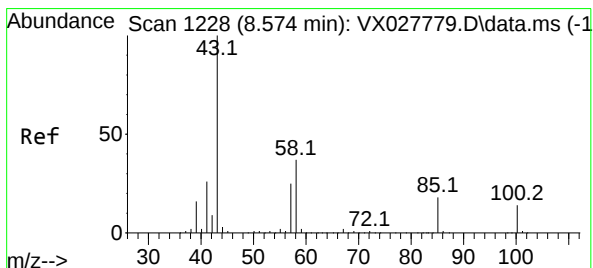
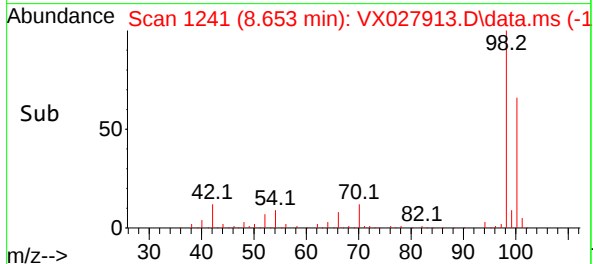
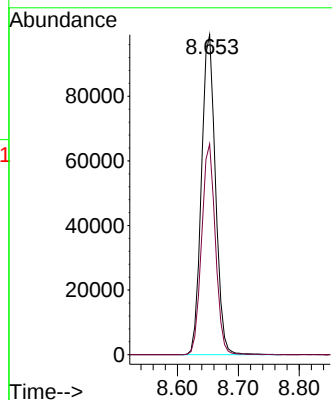
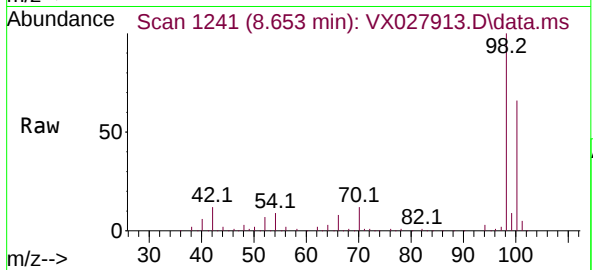
TRIP-BLANK

Tgt Ion: 98 Resp: 158495

Ion Ratio Lower Upper

98 100

100 64.7 52.6 78.8



#51

4-Methyl-2-Pentanone

Concen: 0.522 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.073 min

Lab File: VX027913.D

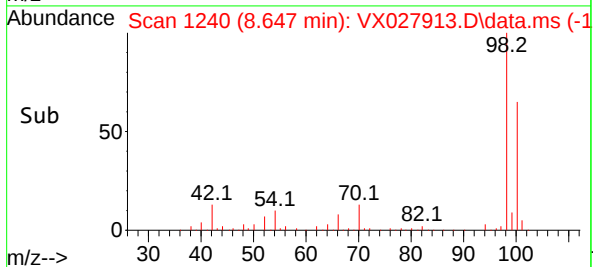
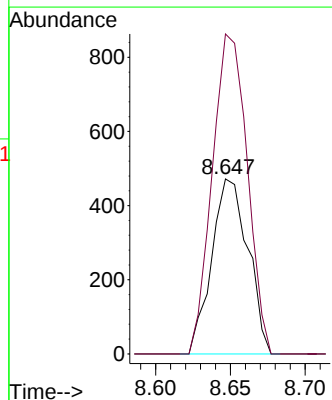
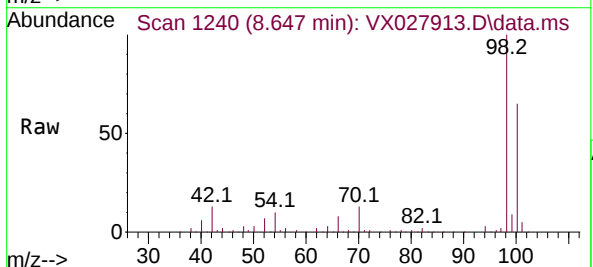
Acq: 02 Apr 2022 04:22

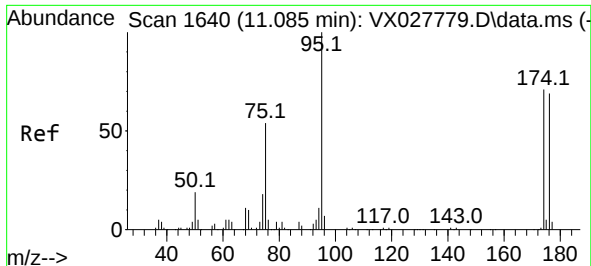
Tgt Ion: 43 Resp: 796

Ion Ratio Lower Upper

43 100

58 176.5 36.1 54.1#

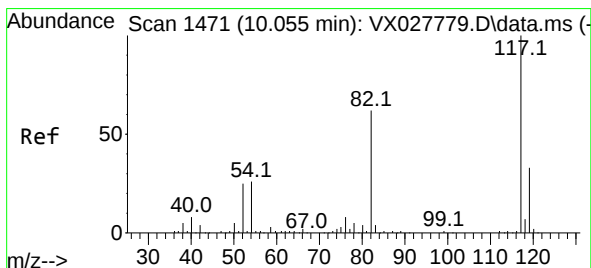
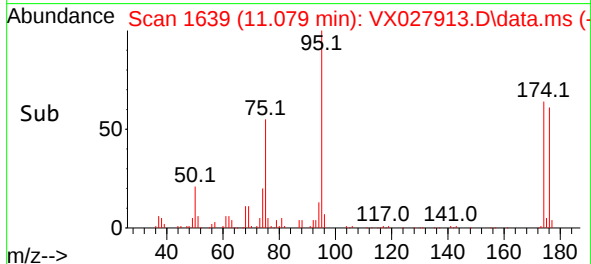
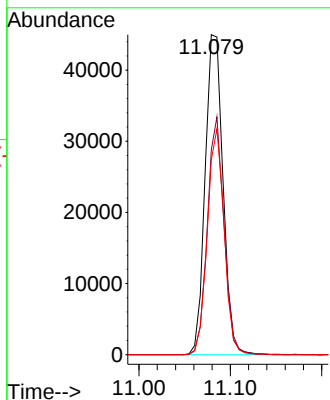
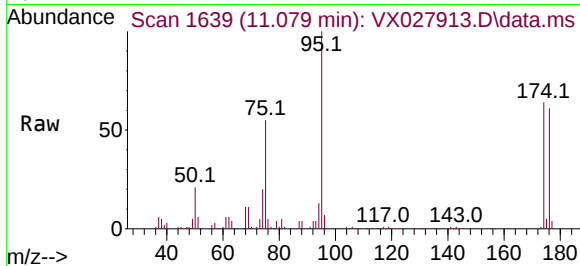




#62
4-Bromofluorobenzene
Concen: 46.362 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX027913.D
Acq: 02 Apr 2022 04:22

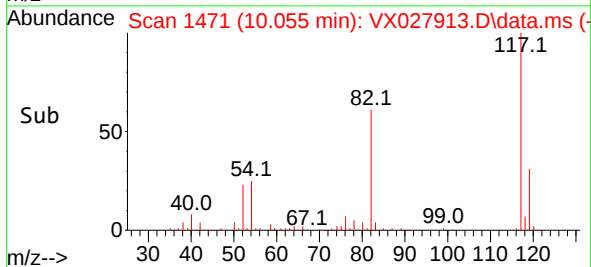
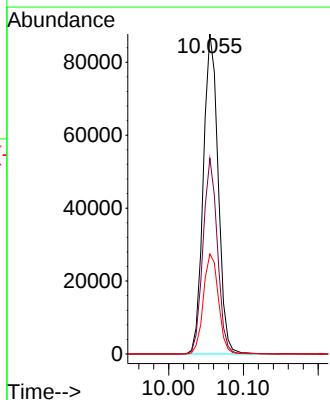
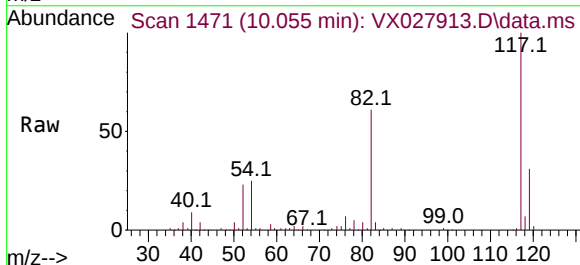
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

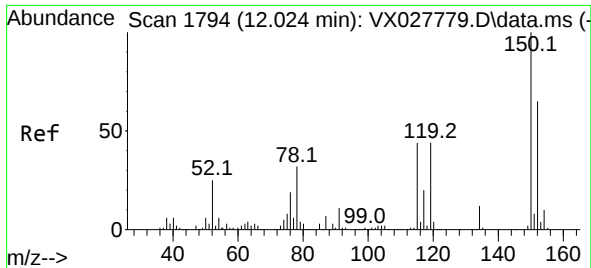
Tgt Ion: 95 Resp: 60879
Ion Ratio Lower Upper
95 100
174 69.4 0.0 163.0
176 66.7 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX027913.D
Acq: 02 Apr 2022 04:22

Tgt Ion: 117 Resp: 120911
Ion Ratio Lower Upper
117 100
82 61.1 41.8 62.8
119 31.3 24.8 37.2

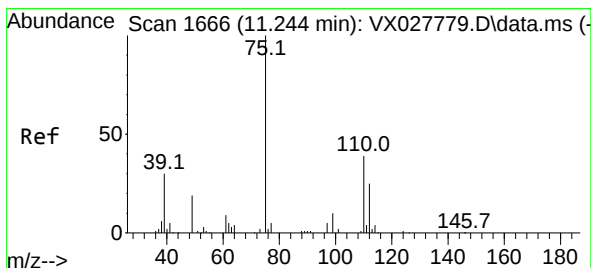
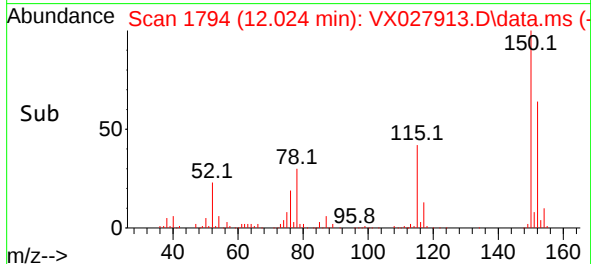
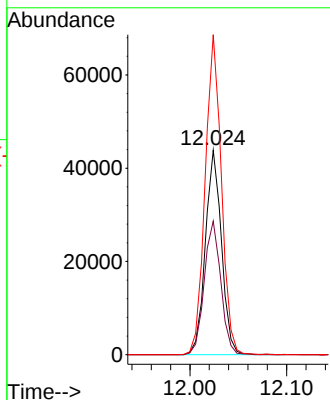
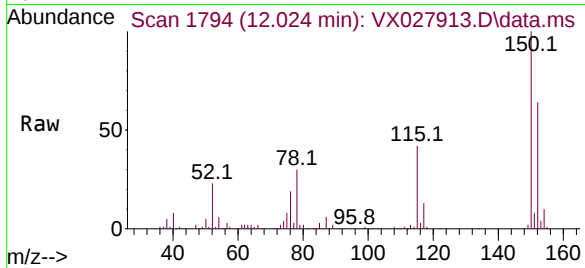




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX027913.D
 Acq: 02 Apr 2022 04:22

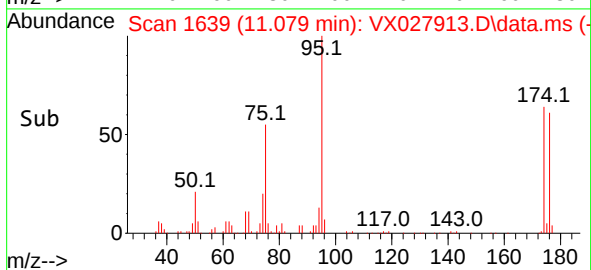
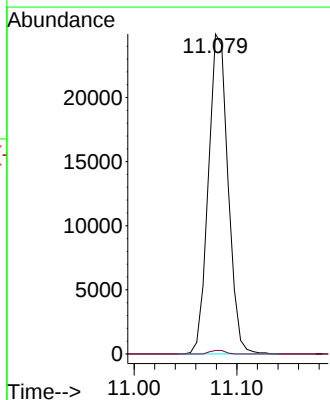
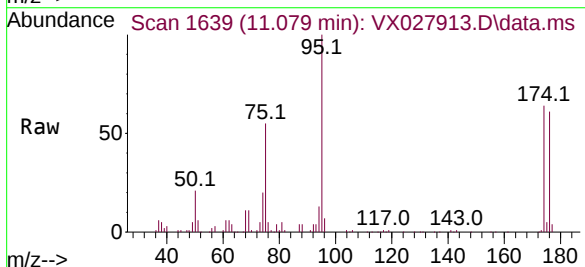
Instrument :
 MSVOA_X
 ClientSampleId :
 TRIP-BLANK

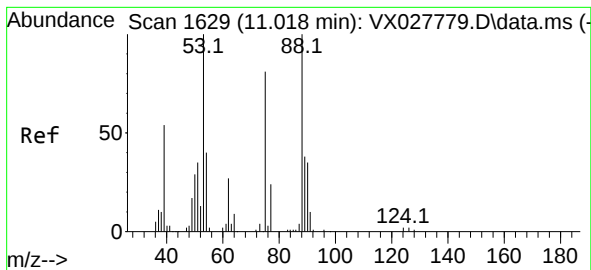
Tgt Ion:152 Resp: 50718
 Ion Ratio Lower Upper
 152 100
 115 67.2 37.5 112.7
 150 157.7 0.0 338.2



#76
 1,2,3-Trichloropropane
 Concen: 27.873 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX027913.D
 Acq: 02 Apr 2022 04:22

Tgt Ion: 75 Resp: 33162
 Ion Ratio Lower Upper
 75 100
 77 0.9 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 81.435 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX027913.D
 Acq: 02 Apr 2022 04:22

Instrument :
 MSVOA_X
 ClientSampleId :
 TRIP-BLANK

Tgt Ion: 75 Resp: 33162
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

