

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062322\
 Data File : VX029754.D
 Acq On : 23 Jun 2022 19:10
 Operator : JC/MD
 Sample : N3438-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FRAC-TANK-N47935

Quant Time: Jun 24 05:41:15 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)

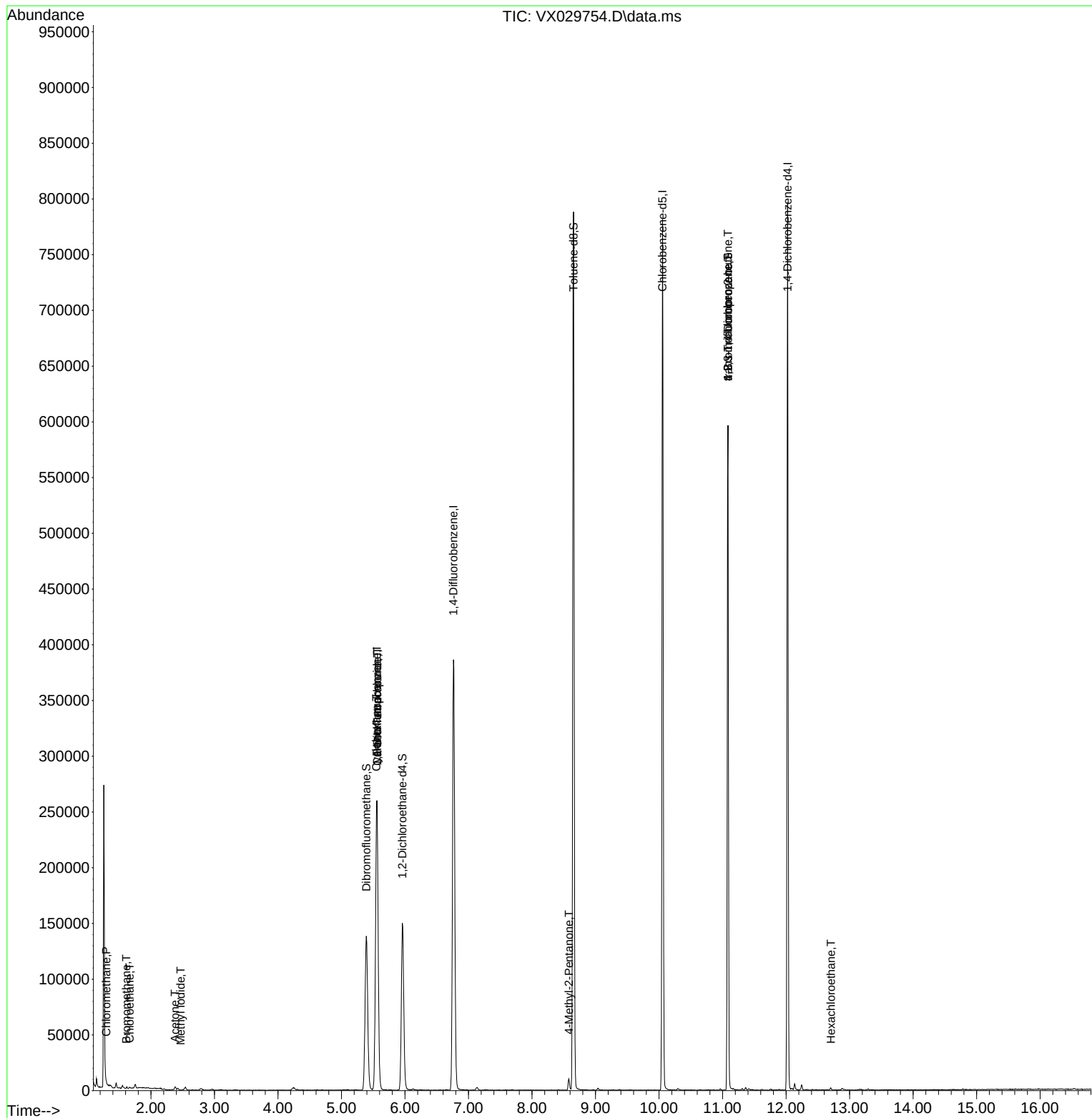
Internal Standards						
1) Pentafluorobenzene	5.555	168	250808	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	423827	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	372135	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	164946	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	142539	42.933	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	85.860%
35) Dibromofluoromethane	5.391	113	124637	45.125	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.260%
50) Toluene-d8	8.652	98	480961	47.666	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.340%
62) 4-Bromofluorobenzene	11.085	95	172281	45.276	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.560%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	703	0.215	ug/l	95
5) Bromomethane	1.611	94	339	0.221	ug/l #	61
6) Chloroethane	1.666	64	627	1.551	ug/l #	43
10) Methyl Iodide	2.465	142	217	3.085	ug/l #	41
11) Tert butyl alcohol	2.964	59	1105	Below Cal	#	72
16) Acetone	2.379	43	3197	2.416	ug/l	90
31) Cyclohexane	5.549	56	4826	1.083	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	18179	4.863	ug/l #	50
38) Carbon Tetrachloride	5.562	117	25936	7.055	ug/l #	16
44) Trichloroethene	7.134	130	1017	Below Cal		71
51) 4-Methyl-2-Pentanone	8.579	43	6236	1.624	ug/l	93
76) 1,2,3-Trichloropropane	11.085	75	81511	22.684	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	81511	75.464	ug/l #	15
90) Hexachloroethane	12.707	117	1171	0.776	ug/l #	10

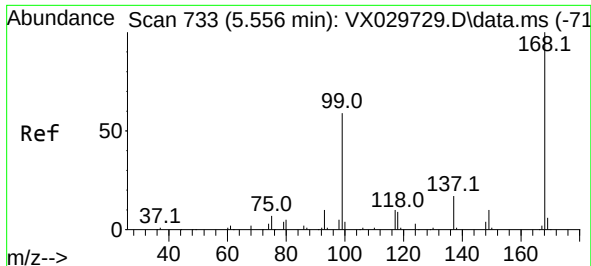
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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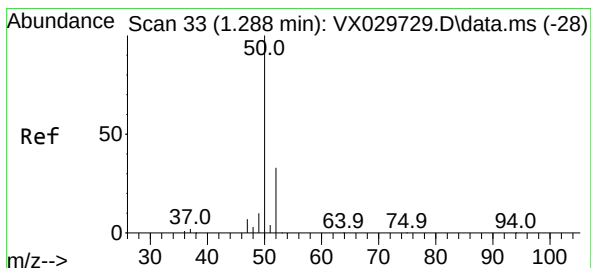
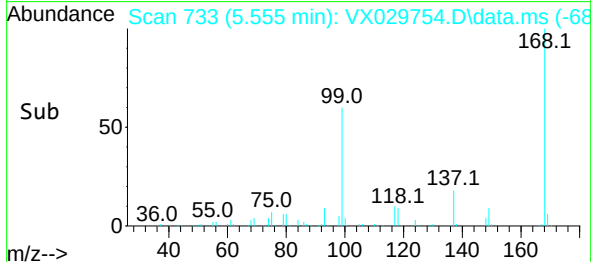
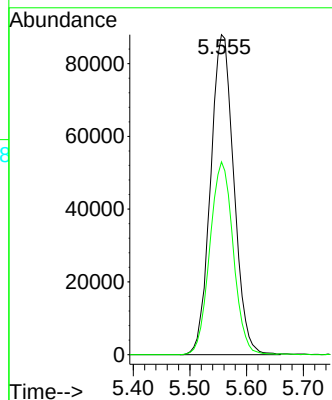
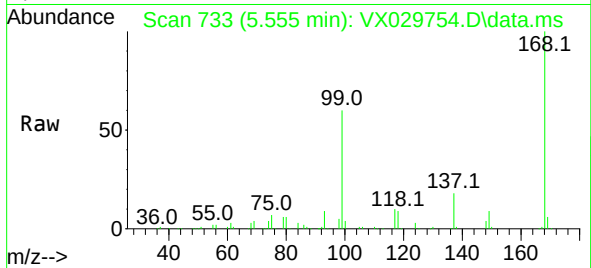




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.555 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX029754.D
Acq: 23 Jun 2022 19:10

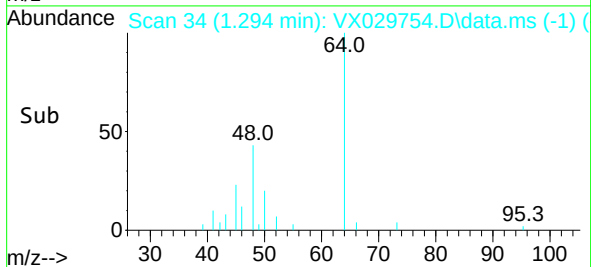
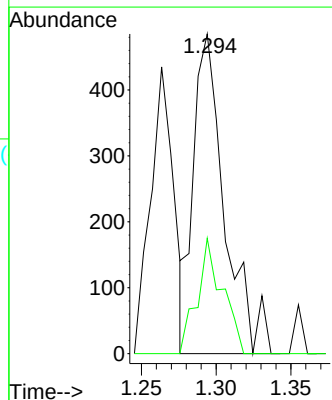
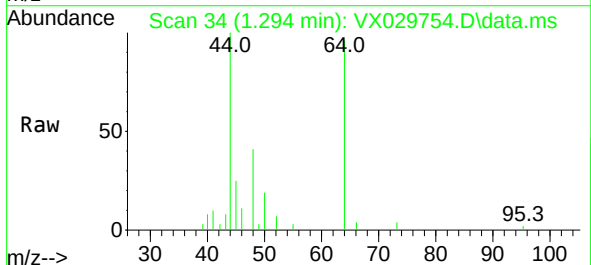
Instrument :
MSVOA_X
ClientSampleId :
FRAC-TANK-N47935

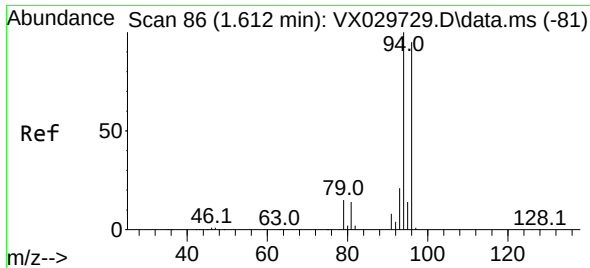
Tgt Ion:168 Resp: 250808
Ion Ratio Lower Upper
168 100
99 60.2 41.7 62.5



#3
Chloromethane
Concen: 0.215 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX029754.D
Acq: 23 Jun 2022 19:10

Tgt Ion: 50 Resp: 703
Ion Ratio Lower Upper
50 100
52 36.1 26.4 39.6

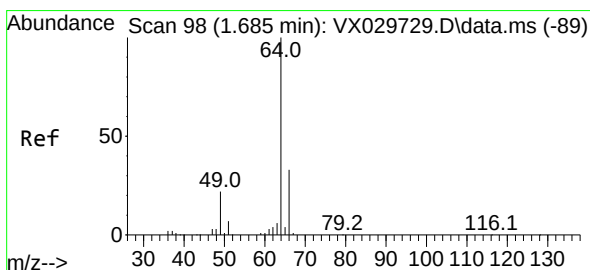
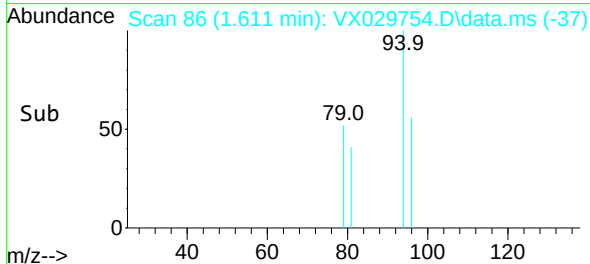
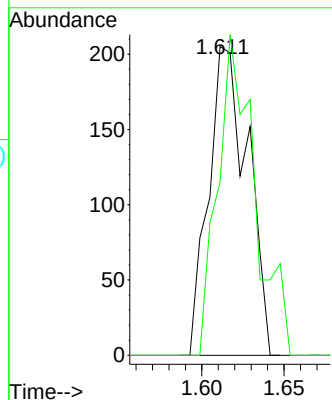
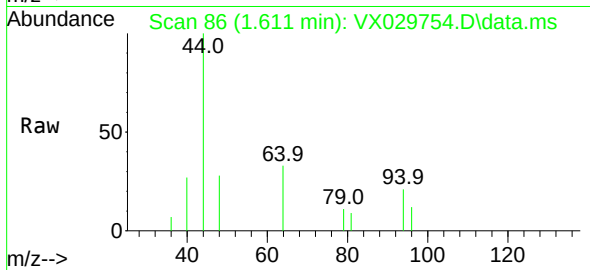




#5
Bromomethane
Concen: 0.221 ug/l
RT: 1.611 min Scan# 80
Delta R.T. 0.000 min
Lab File: VX029754.D
Acq: 23 Jun 2022 19:10

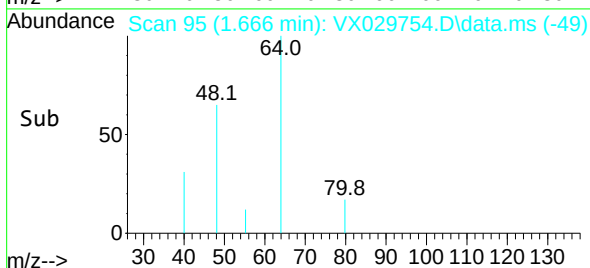
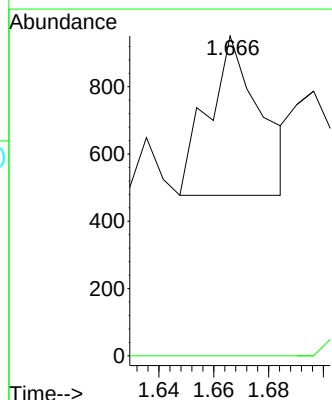
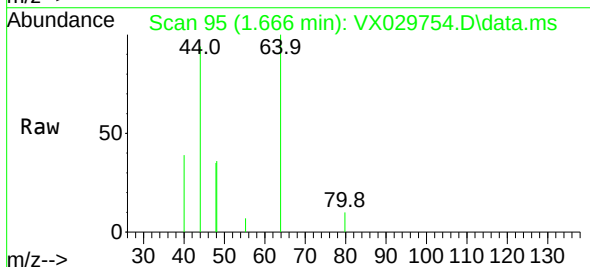
Instrument :
MSVOA_X
ClientSampleId :
FRAC-TANK-N47935

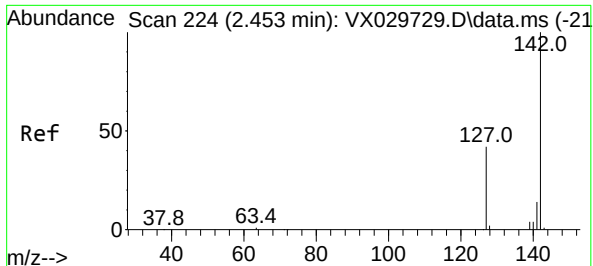
Tgt Ion: 94 Resp: 339
Ion Ratio Lower Upper
94 100
96 56.1 75.3 112.9#



#6
Chloroethane
Concen: 1.551 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.019 min
Lab File: VX029754.D
Acq: 23 Jun 2022 19:10

Tgt Ion: 64 Resp: 627
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#

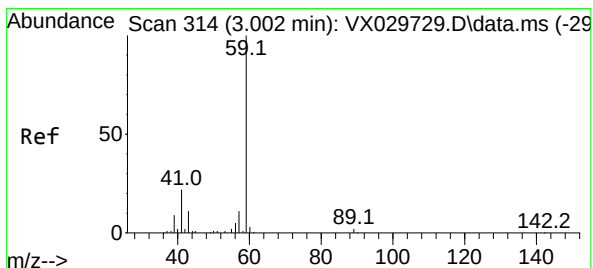
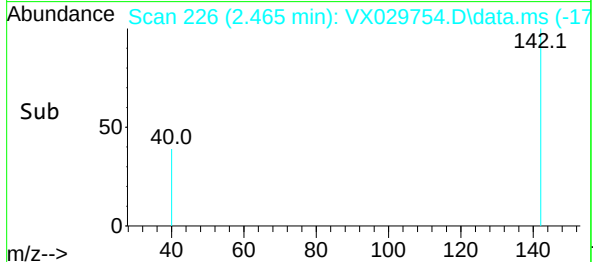
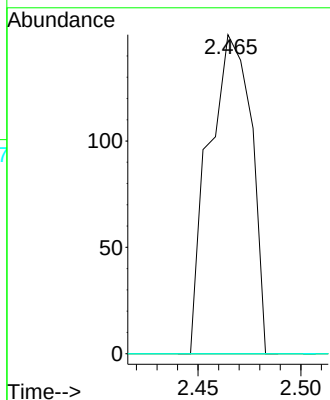
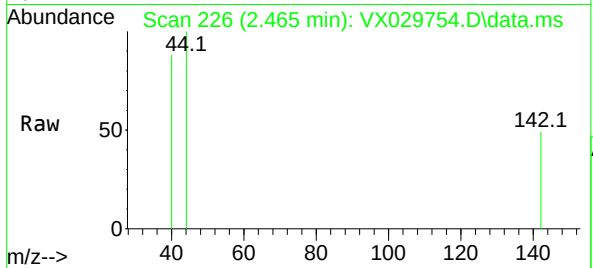




#10
Methyl Iodide
Concen: 3.085 ug/l
RT: 2.465 min Scan# 217
Delta R.T. 0.012 min
Lab File: VX029754.D
Acq: 23 Jun 2022 19:10

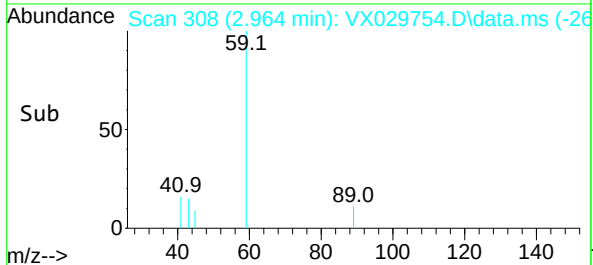
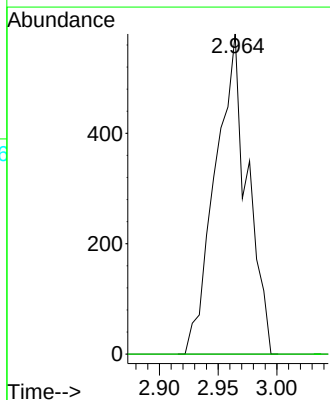
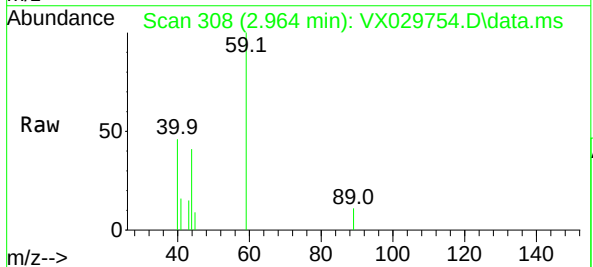
Instrument :
MSVOA_X
ClientSampleId :
FRAC-TANK-N47935

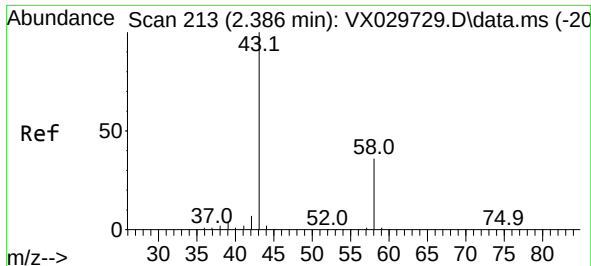
Tgt Ion:142 Resp: 217
Ion Ratio Lower Upper
142 100
127 0.0 33.9 50.9#
141 0.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.964 min Scan# 308
Delta R.T. -0.019 min
Lab File: VX029754.D
Acq: 23 Jun 2022 19:10

Tgt Ion: 59 Resp: 1105
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#





#16

Acetone

Concen: 2.416 ug/l

RT: 2.379 min Scan# 213

Delta R.T. -0.007 min

Lab File: VX029754.D

Acq: 23 Jun 2022 19:10

Instrument :

MSVOA_X

ClientSampleId :

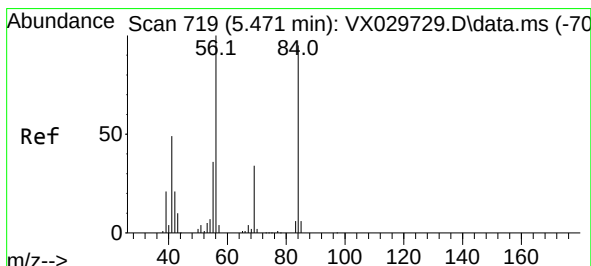
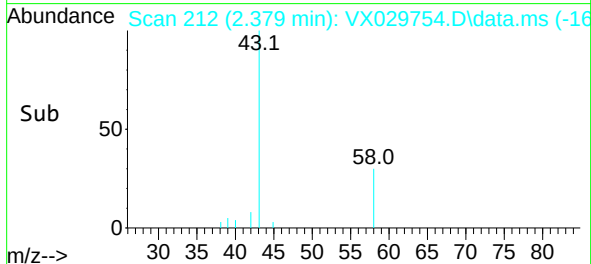
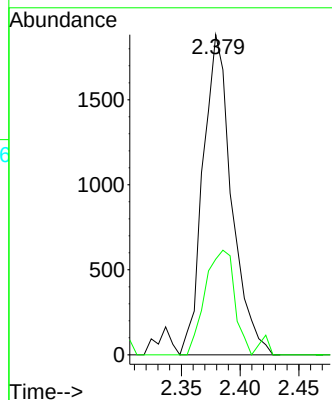
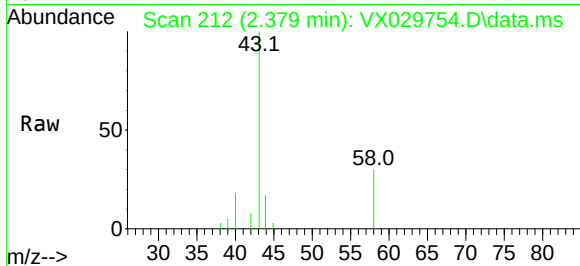
FRAC-TANK-N47935

Tgt Ion: 43 Resp: 3197

Ion Ratio Lower Upper

43 100

58 29.8 28.8 43.2



#31

Cyclohexane

Concen: 1.083 ug/l

RT: 5.549 min Scan# 732

Delta R.T. 0.072 min

Lab File: VX029754.D

Acq: 23 Jun 2022 19:10

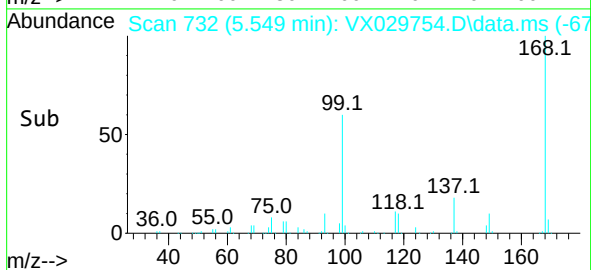
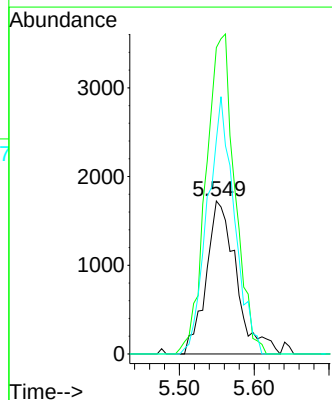
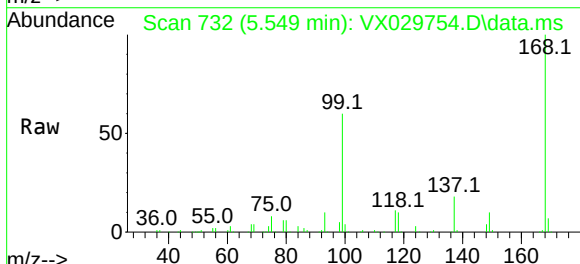
Tgt Ion: 56 Resp: 4826

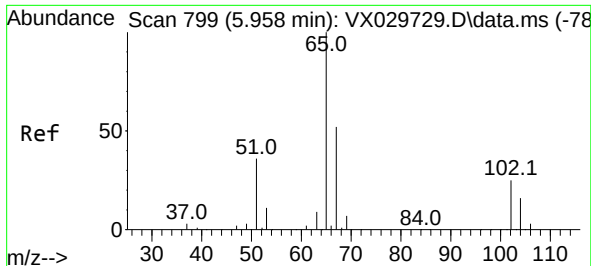
Ion Ratio Lower Upper

56 100

69 200.3 26.7 40.1#

84 140.0 77.2 115.8#

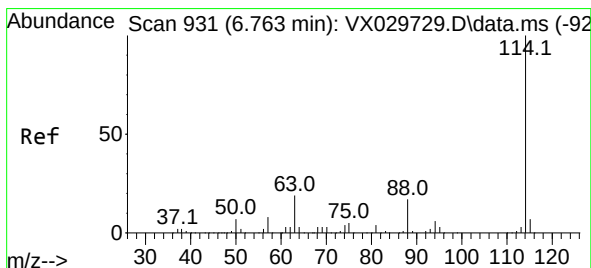
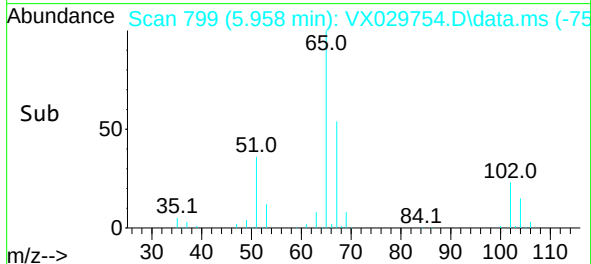
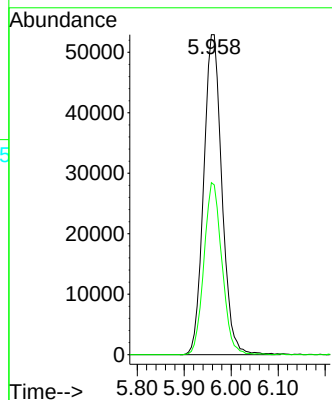
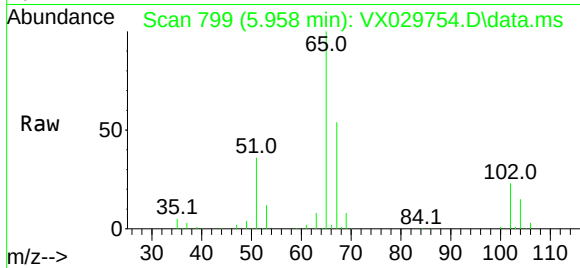




#33
 1,2-Dichloroethane-d4
 Concen: 42.933 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. -0.000 min
 Lab File: VX029754.D
 Acq: 23 Jun 2022 19:10

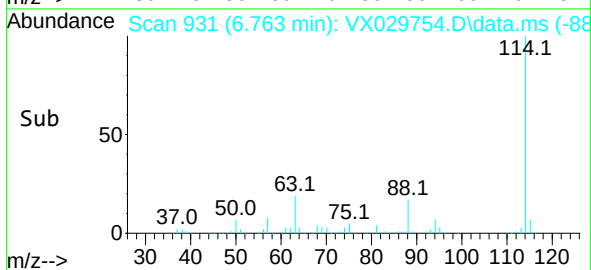
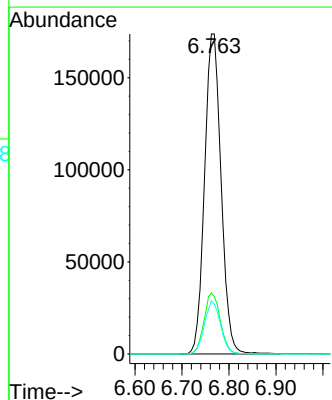
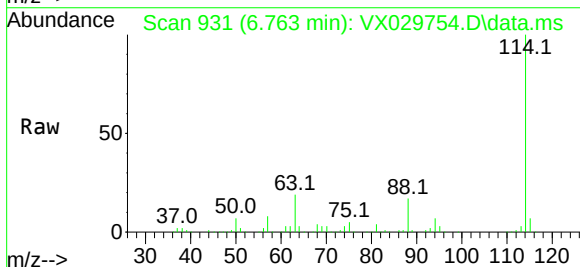
Instrument :
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 FRAC-TANK-N47935

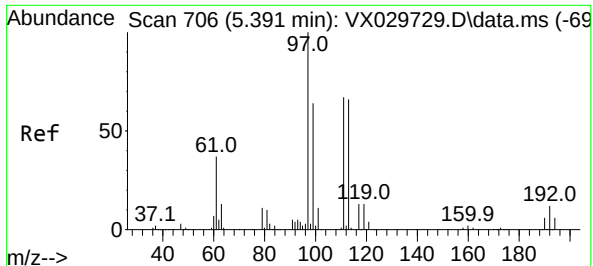
Tgt Ion: 65 Resp: 142539
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX029754.D
 Acq: 23 Jun 2022 19:10

Tgt Ion: 114 Resp: 423827
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 36.8
 88 16.5 0.0 32.4





#35

Dibromofluoromethane

Concen: 45.125 ug/l

RT: 5.391 min Scan# 706

Delta R.T. -0.000 min

Lab File: VX029754.D

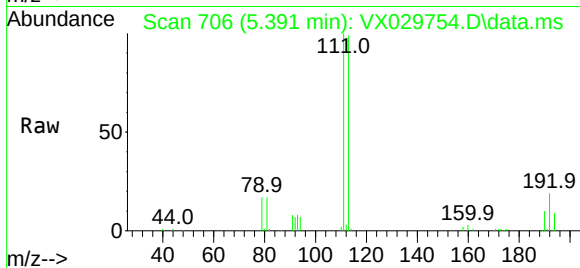
Acq: 23 Jun 2022 19:10

Instrument :

MSVOA_X

ClientSampleId :

FRAC-TANK-N47935



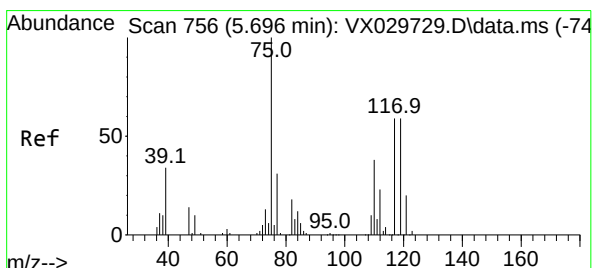
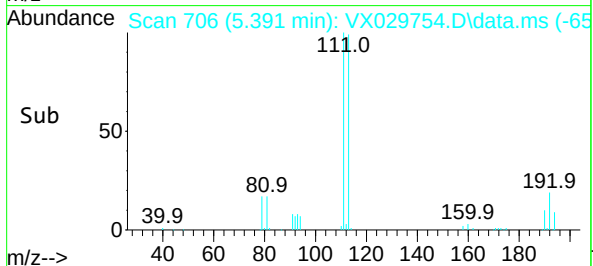
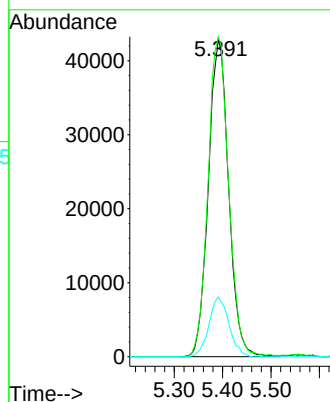
Tgt Ion:113 Resp: 124637

Ion Ratio Lower Upper

113 100

111 102.8 82.8 124.2

192 18.6 16.9 25.3



#36

1,1-Dichloropropene

Concen: 4.863 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.134 min

Lab File: VX029754.D

Acq: 23 Jun 2022 19:10

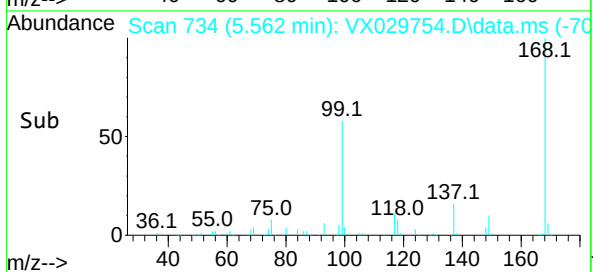
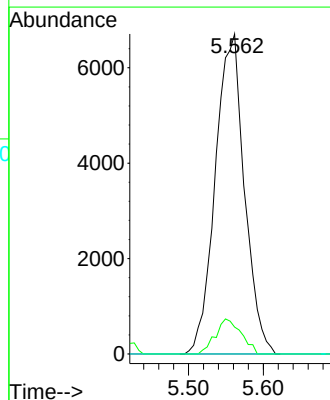
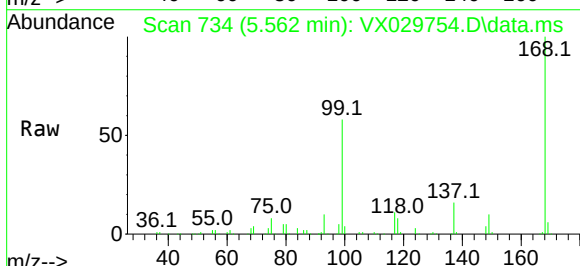
Tgt Ion: 75 Resp: 18179

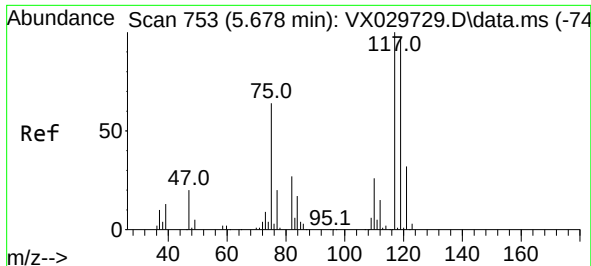
Ion Ratio Lower Upper

75 100

110 9.7 18.3 54.8#

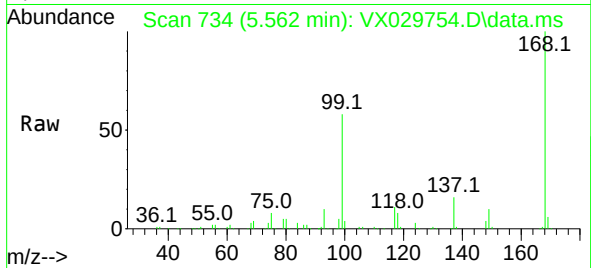
77 0.0 24.8 37.2#



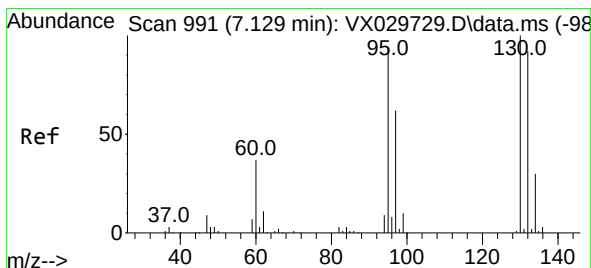
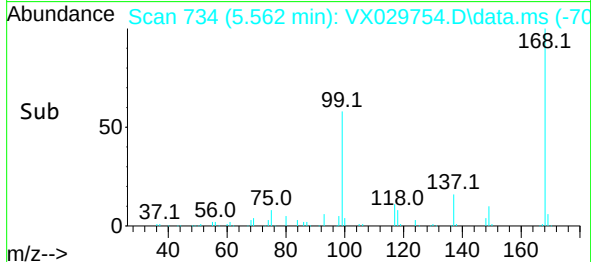
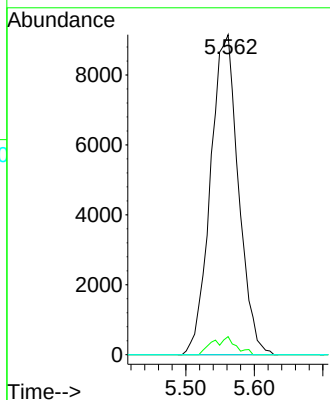


#38
Carbon Tetrachloride
Concen: 7.055 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX029754.D
Acq: 23 Jun 2022 19:10

Instrument :
MSVOA_X
ClientSampleId :
FRAC-TANK-N47935

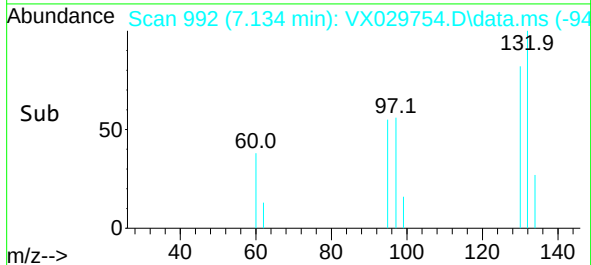
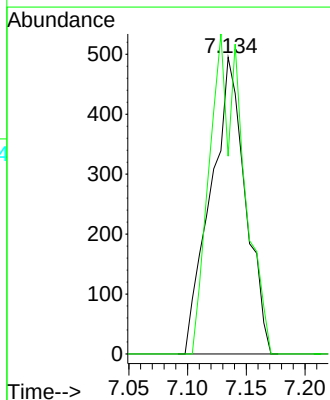
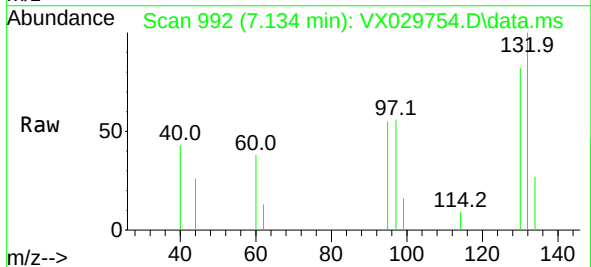


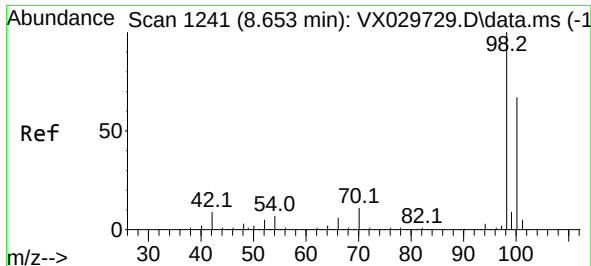
Tgt Ion:117 Resp: 25936
Ion Ratio Lower Upper
117 100
119 5.7 77.3 115.9#
121 0.0 24.2 36.2#



#44
Trichloroethene
Concen: Below Cal
RT: 7.134 min Scan# 992
Delta R.T. 0.005 min
Lab File: VX029754.D
Acq: 23 Jun 2022 19:10

Tgt Ion:130 Resp: 1017
Ion Ratio Lower Upper
130 100
95 66.7 0.0 188.8





#50

Toluene-d8

Concen: 47.666 ug/l

RT: 8.652 min Scan# 1241

Delta R.T. -0.001 min

Lab File: VX029754.D

Acq: 23 Jun 2022 19:10

Instrument :

MSVOA_X

ClientSampleId :

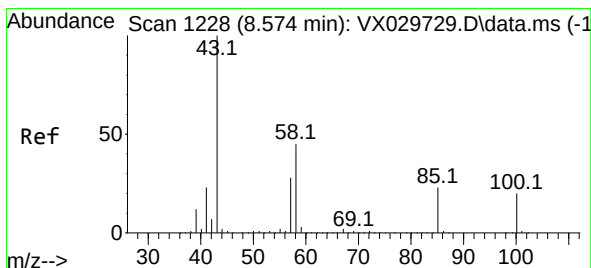
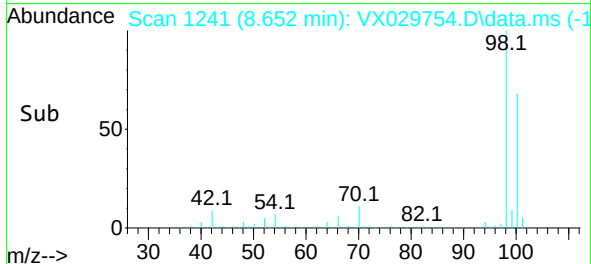
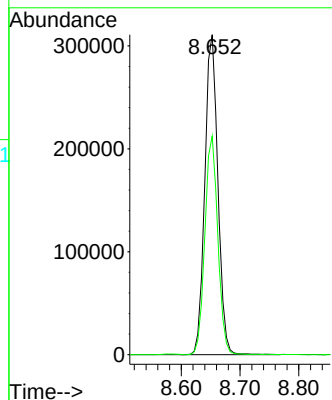
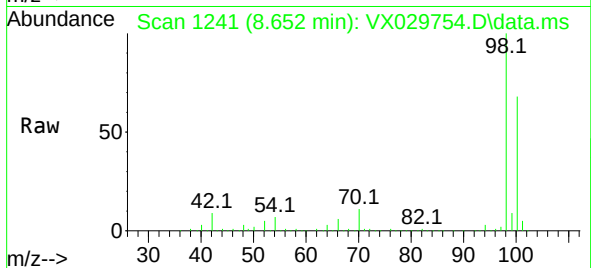
FRAC-TANK-N47935

Tgt Ion: 98 Resp: 480961

Ion Ratio Lower Upper

98 100

100 67.7 52.6 78.8



#51

4-Methyl-2-Pentanone

Concen: 1.624 ug/l

RT: 8.579 min Scan# 1229

Delta R.T. 0.005 min

Lab File: VX029754.D

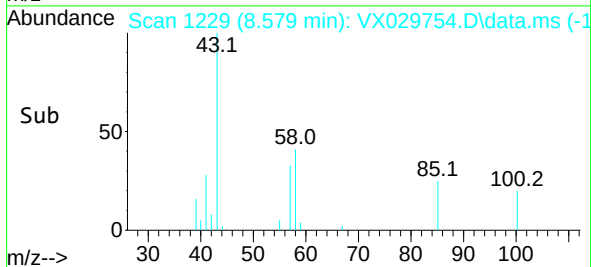
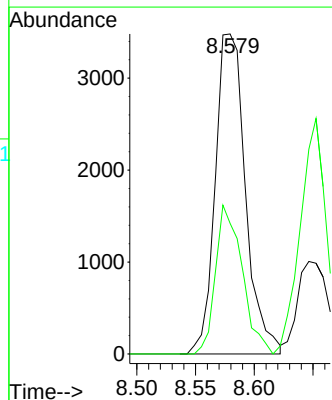
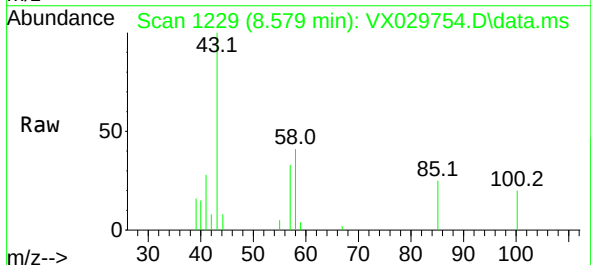
Acq: 23 Jun 2022 19:10

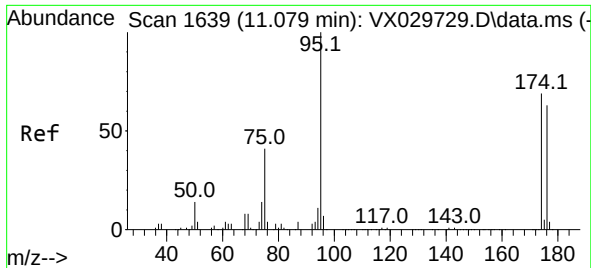
Tgt Ion: 43 Resp: 6236

Ion Ratio Lower Upper

43 100

58 40.8 36.1 54.1

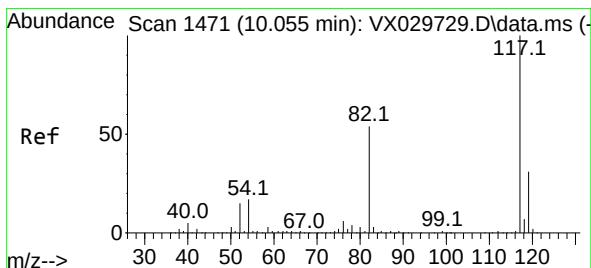
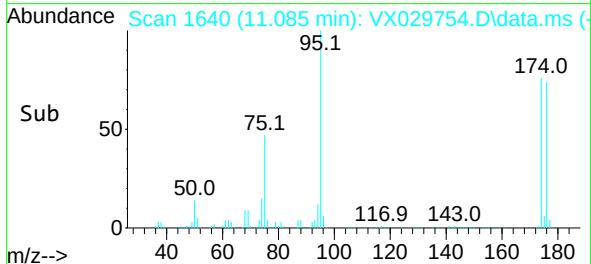
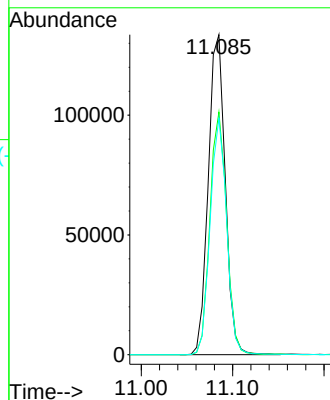
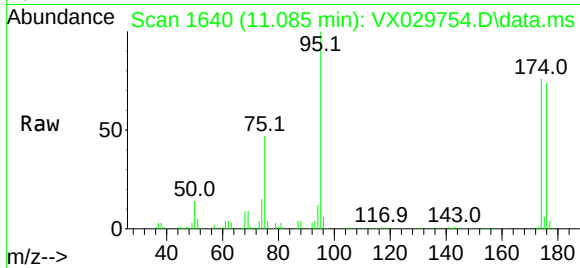




#62
4-Bromofluorobenzene
Concen: 45.276 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.000 min
Lab File: VX029754.D
Acq: 23 Jun 2022 19:10

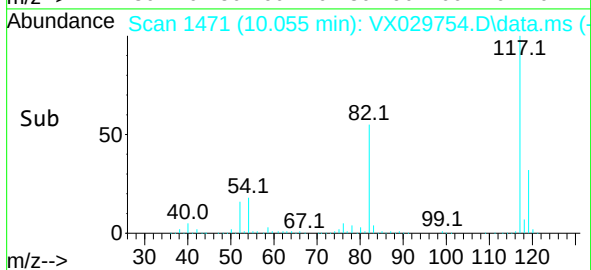
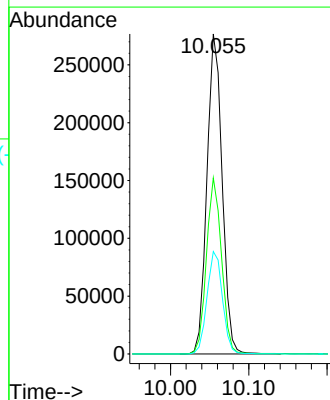
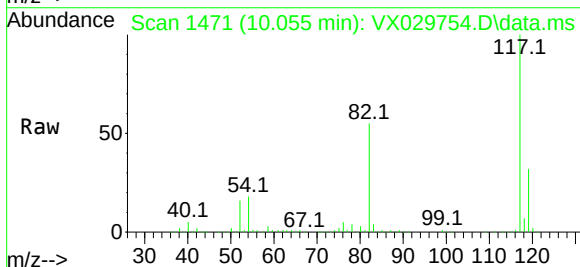
Instrument :
MSVOA_X
ClientSampleId :
FRAC-TANK-N47935

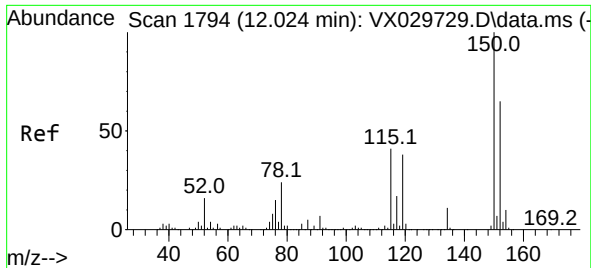
Tgt Ion: 95 Resp: 172281
Ion Ratio Lower Upper
95 100
174 74.4 0.0 163.0
176 71.8 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029754.D
Acq: 23 Jun 2022 19:10

Tgt Ion: 117 Resp: 372135
Ion Ratio Lower Upper
117 100
82 55.0 41.8 62.8
119 32.0 24.8 37.2

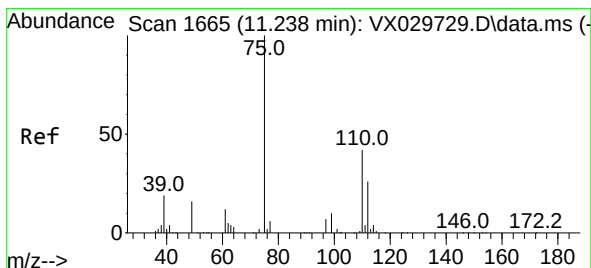
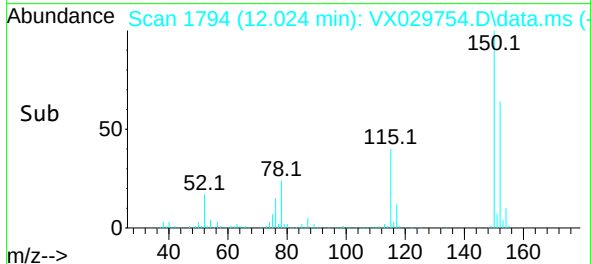
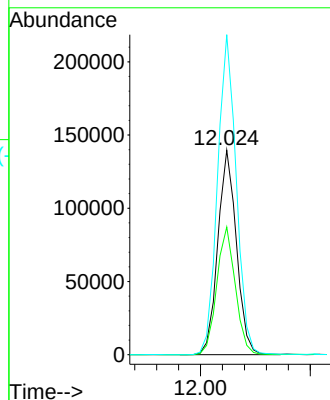
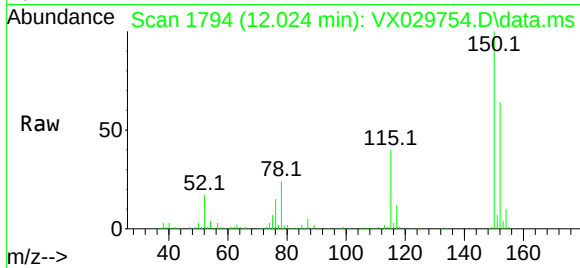




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX029754.D
 Acq: 23 Jun 2022 19:10

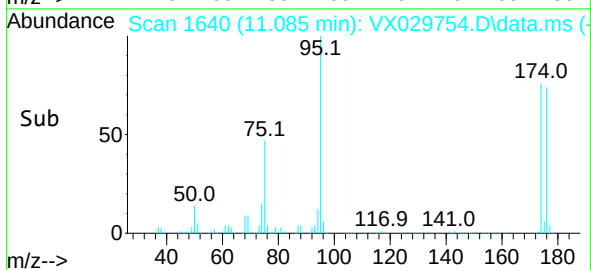
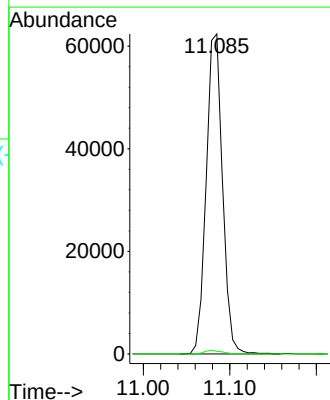
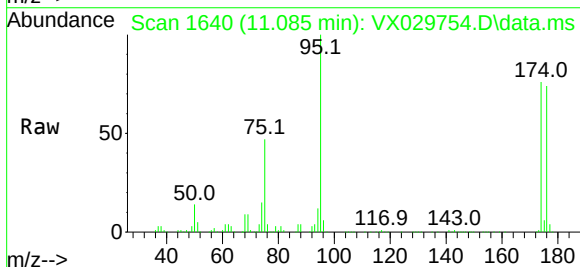
Instrument :
 MSVOA_X
 ClientSampleId :
 FRAC-TANK-N47935

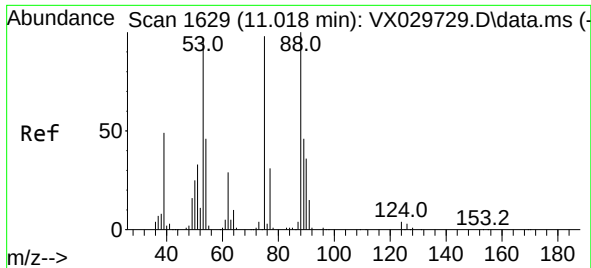
Tgt Ion:152 Resp: 164946
 Ion Ratio Lower Upper
 152 100
 115 62.1 37.5 112.7
 150 157.6 0.0 338.2



#76
 1,2,3-Trichloropropane
 Concen: 22.684 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX029754.D
 Acq: 23 Jun 2022 19:10

Tgt Ion: 75 Resp: 81511
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.4 58.2#

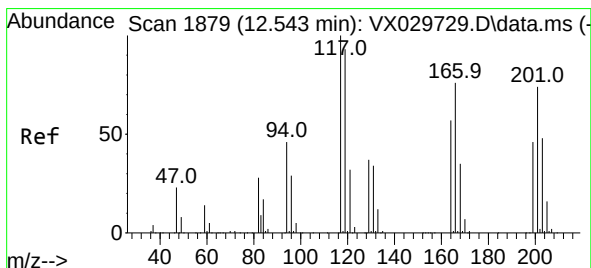
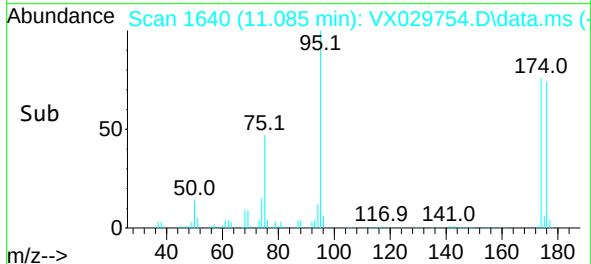
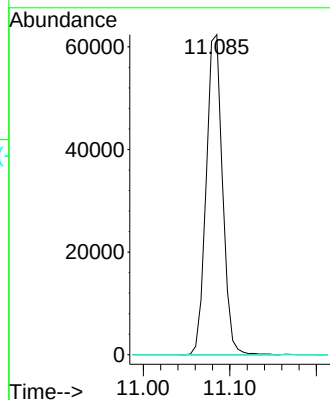
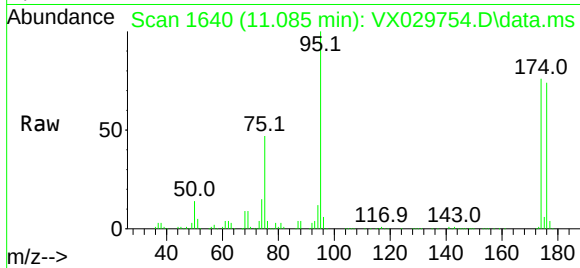




#81
trans-1,4-Dichloro-2-butene
Concen: 75.464 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.067 min
Lab File: VX029754.D
Acq: 23 Jun 2022 19:10

Instrument :
MSVOA_X
ClientSampleId :
FRAC-TANK-N47935

Tgt Ion: 75 Resp: 81511
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#



#90
Hexachloroethane
Concen: 0.776 ug/l
RT: 12.707 min Scan# 1906
Delta R.T. 0.165 min
Lab File: VX029754.D
Acq: 23 Jun 2022 19:10

Tgt Ion: 117 Resp: 1171
Ion Ratio Lower Upper
117 100
201 0.0 39.5 118.5#

