

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072122\
 Data File : VX030147.D
 Acq On : 20 Jul 2022 21:06
 Operator : JC/MD
 Sample : N3767-05 200X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TANK-O

Quant Time: Jul 21 03:34:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X071222W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 13 09:05:23 2022
 Response via : Initial Calibration

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

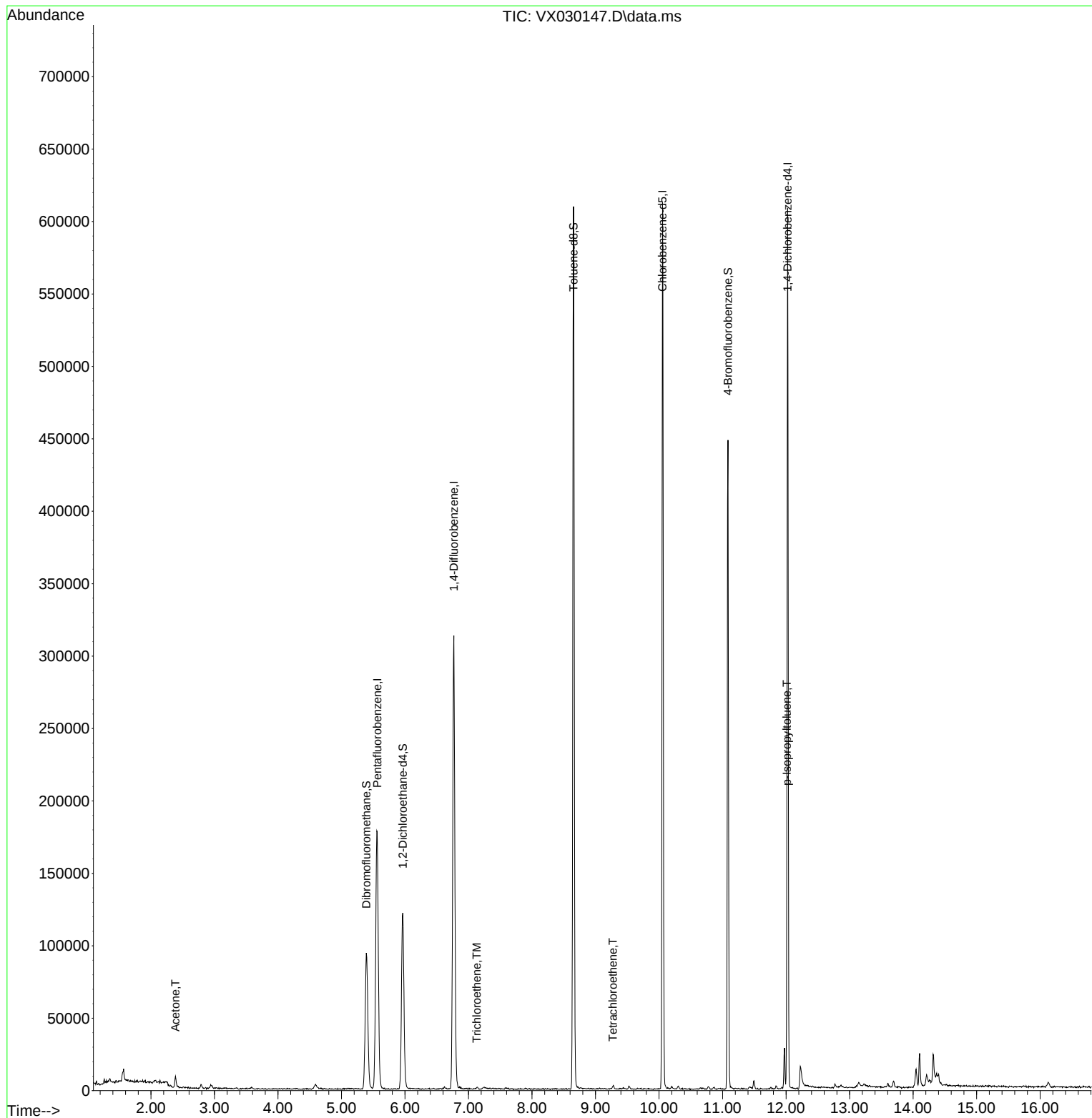
Internal Standards						
1) Pentafluorobenzene	5.562	168	171097	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	316756	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	273722	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	119555	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	111451	53.516	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	107.040%
35) Dibromofluoromethane	5.391	113	82945	40.990	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	81.980%
50) Toluene-d8	8.653	98	364570	47.904	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.800%
62) 4-Bromofluorobenzene	11.085	95	122976	46.563	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.120%
Target Compounds						
						Qvalue
16) Acetone	2.386	43	7735	7.882	ug/l	93
44) Trichloroethene	7.129	130	557	0.232	ug/l	97
64) Tetrachloroethene	9.275	164	492	0.224	ug/l #	62
86) p-Isopropyltoluene	12.012	119	2710	0.380	ug/l #	83

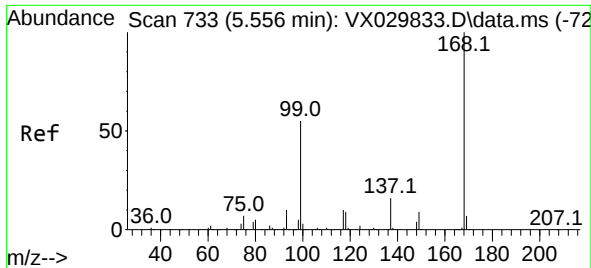
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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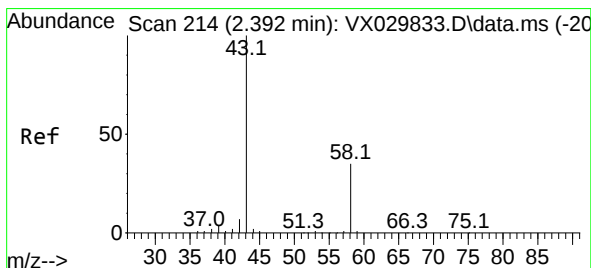
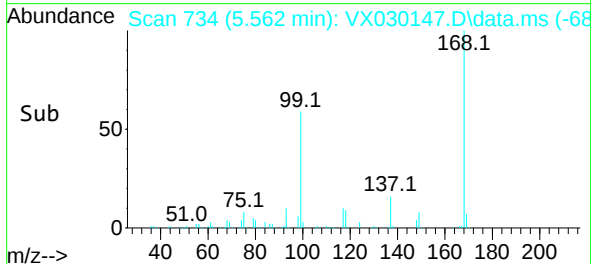
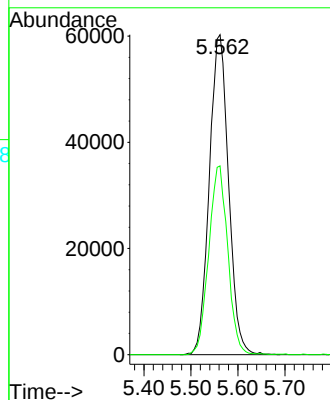
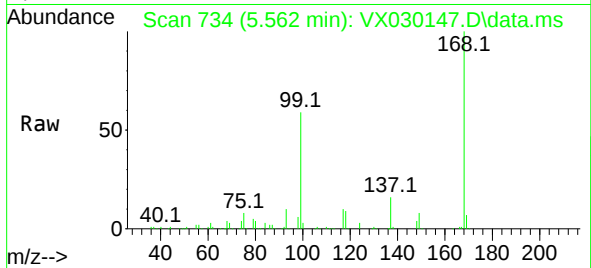




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX030147.D
Acq: 20 Jul 2022 21:06

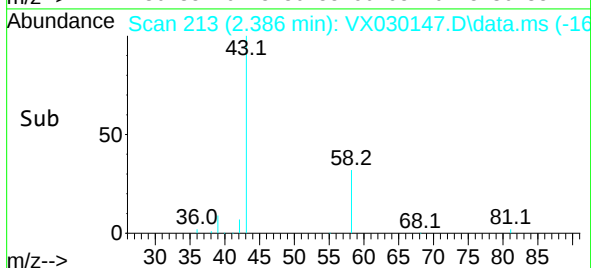
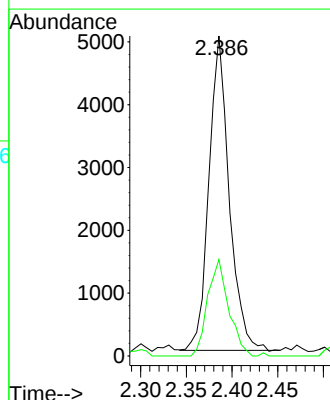
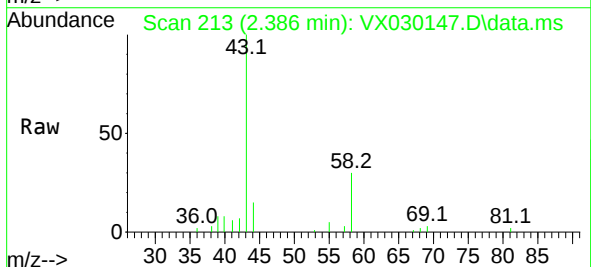
Instrument :
MSVOA_X
ClientSampleId :
TANK-O

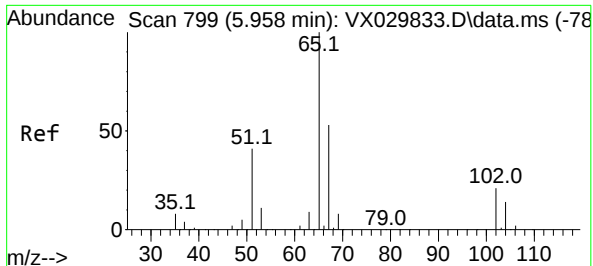
Tgt Ion:168 Resp: 171097
Ion Ratio Lower Upper
168 100
99 59.0 44.0 66.0



#16
Acetone
Concen: 7.882 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX030147.D
Acq: 20 Jul 2022 21:06

Tgt Ion: 43 Resp: 7735
Ion Ratio Lower Upper
43 100
58 30.7 27.7 41.5





#33

1,2-Dichloroethane-d4

Concen: 53.516 ug/l

RT: 5.964 min Scan# 80

Delta R.T. 0.006 min

Lab File: VX030147.D

Acq: 20 Jul 2022 21:06

Instrument :

MSVOA_X

ClientSampleId :

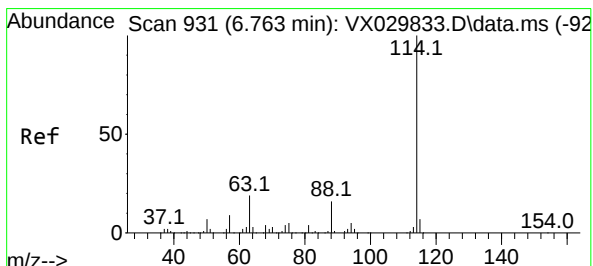
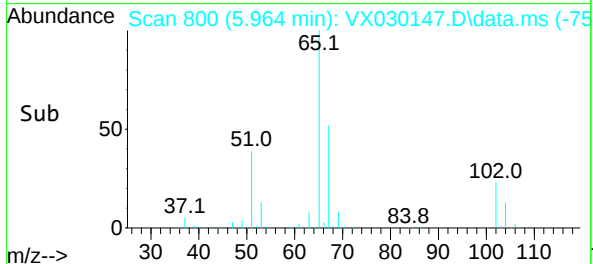
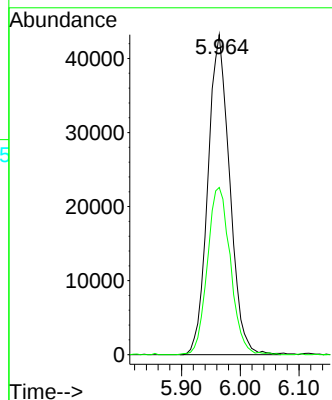
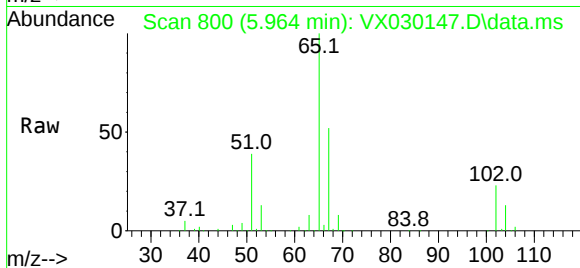
TANK-O

Tgt Ion: 65 Resp: 111451

Ion Ratio Lower Upper

65 100

67 55.2 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.006 min

Lab File: VX030147.D

Acq: 20 Jul 2022 21:06

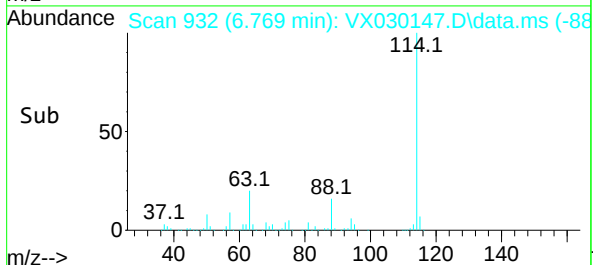
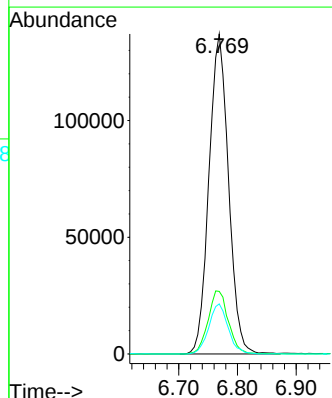
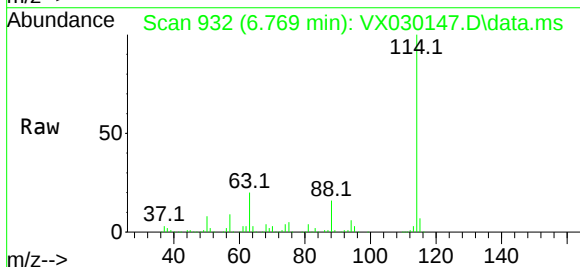
Tgt Ion: 114 Resp: 316756

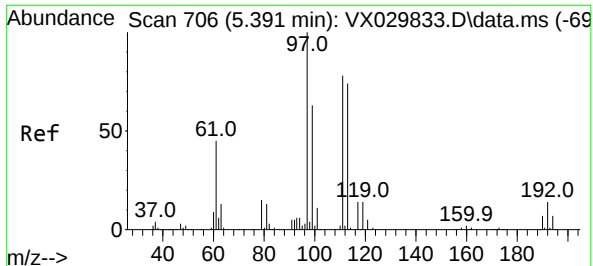
Ion Ratio Lower Upper

114 100

63 19.5 0.0 38.4

88 15.7 0.0 31.8





#35

Dibromofluoromethane

Concen: 40.990 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX030147.D

Acq: 20 Jul 2022 21:06

Instrument :

MSVOA_X

ClientSampleId :

TANK-O

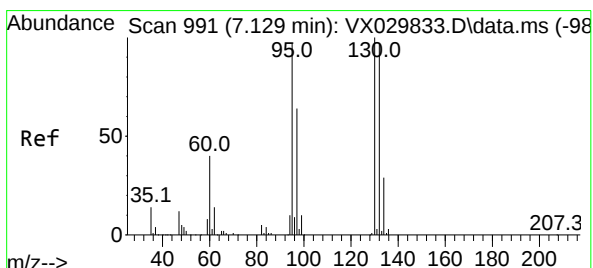
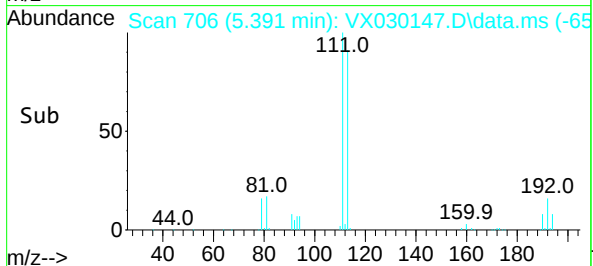
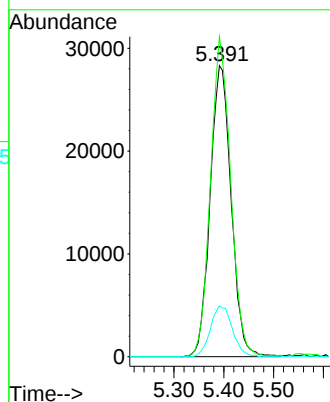
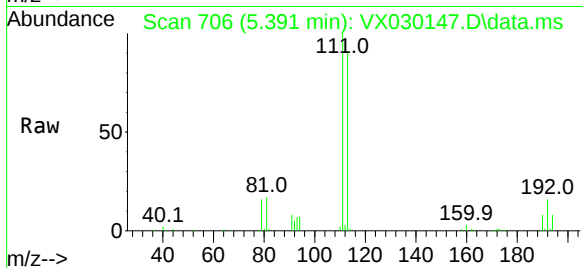
Tgt Ion:113 Resp: 82945

Ion Ratio Lower Upper

113 100

111 105.6 83.2 124.8

192 18.2 14.8 22.2



#44

Trichloroethene

Concen: 0.232 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX030147.D

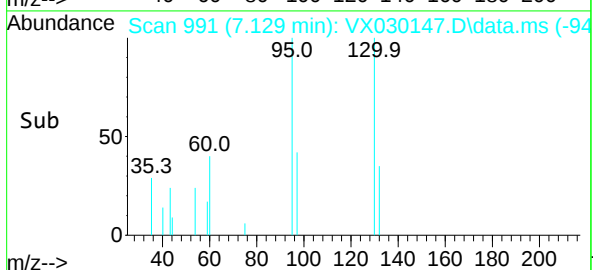
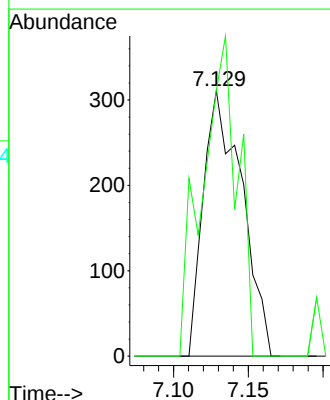
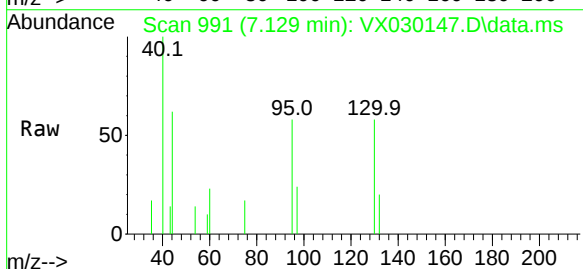
Acq: 20 Jul 2022 21:06

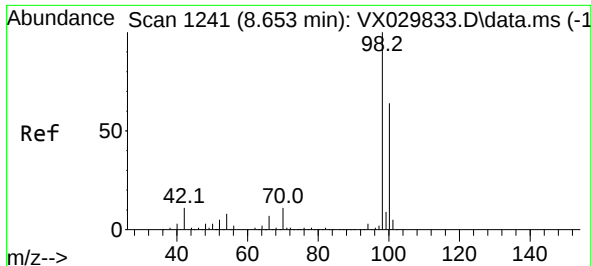
Tgt Ion:130 Resp: 557

Ion Ratio Lower Upper

130 100

95 100.0 0.0 194.8

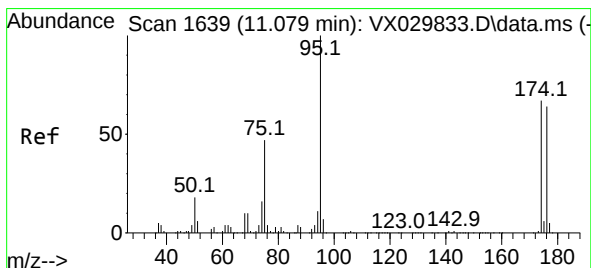
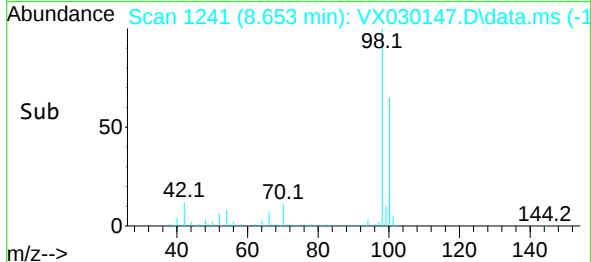
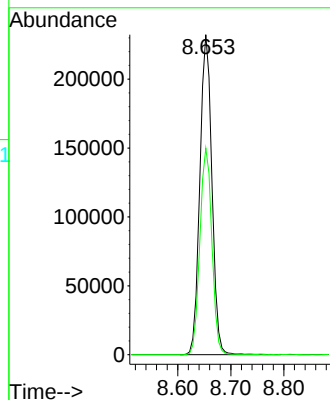
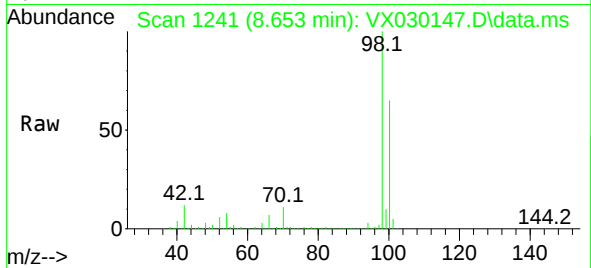




#50
Toluene-d8
Concen: 47.904 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX030147.D
Acq: 20 Jul 2022 21:06

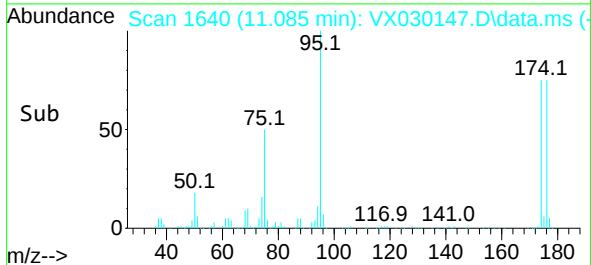
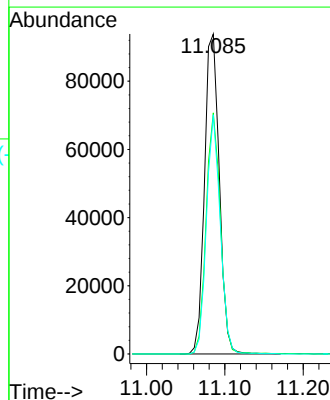
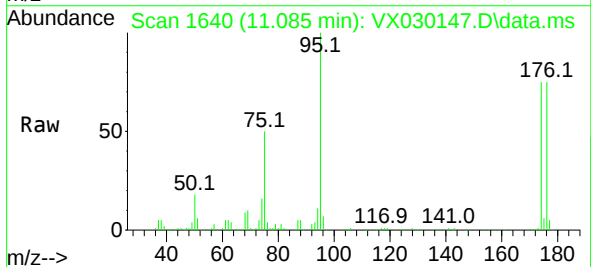
Instrument :
MSVOA_X
ClientSampleId :
TANK-O

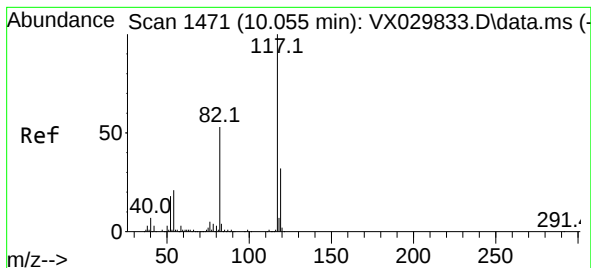
Tgt Ion: 98 Resp: 364570
Ion Ratio Lower Upper
98 100
100 64.3 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 46.563 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX030147.D
Acq: 20 Jul 2022 21:06

Tgt Ion: 95 Resp: 122976
Ion Ratio Lower Upper
95 100
174 72.9 0.0 149.0
176 69.7 0.0 146.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX030147.D

Acq: 20 Jul 2022 21:06

Instrument :

MSVOA_X

ClientSampleId :

TANK-O

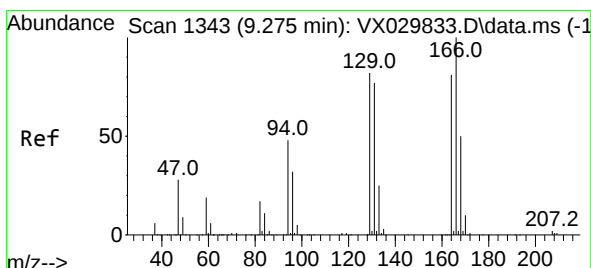
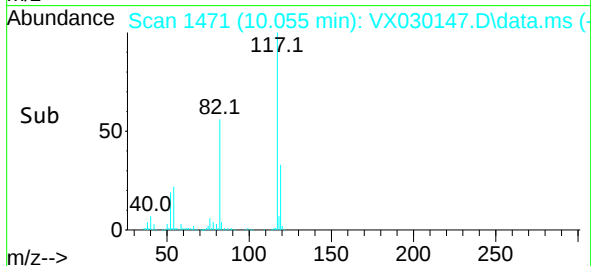
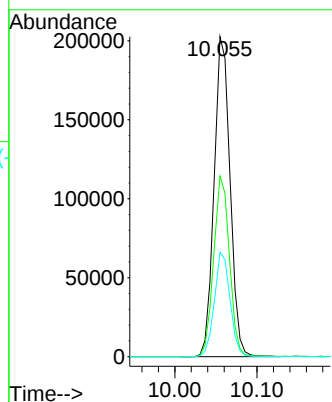
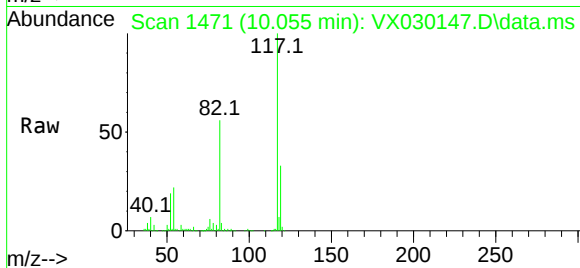
Tgt Ion:117 Resp: 273722

Ion Ratio Lower Upper

117 100

82 56.4 42.7 64.1

119 32.6 25.4 38.2



#64

Tetrachloroethene

Concen: 0.224 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. -0.000 min

Lab File: VX030147.D

Acq: 20 Jul 2022 21:06

Tgt Ion:164 Resp: 492

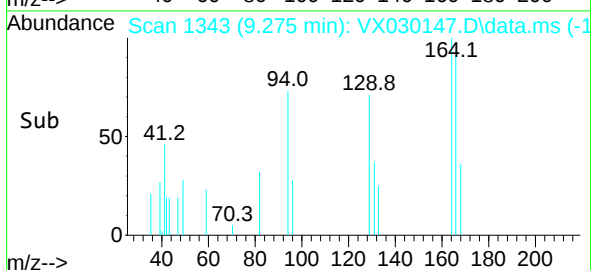
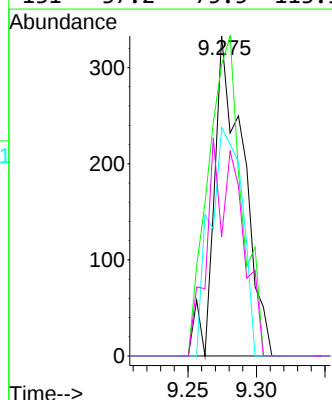
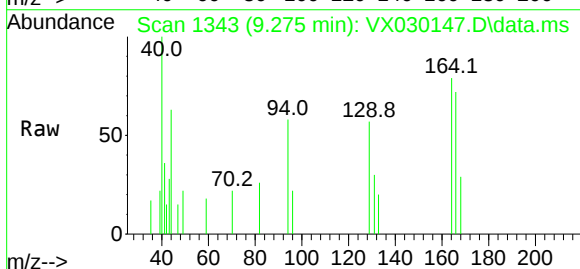
Ion Ratio Lower Upper

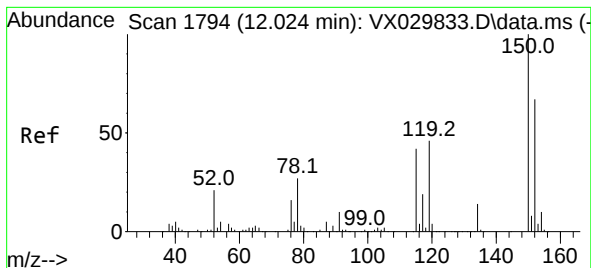
164 100

166 91.0 98.2 147.4#

129 71.5 80.8 121.2#

131 37.2 75.5 113.3#

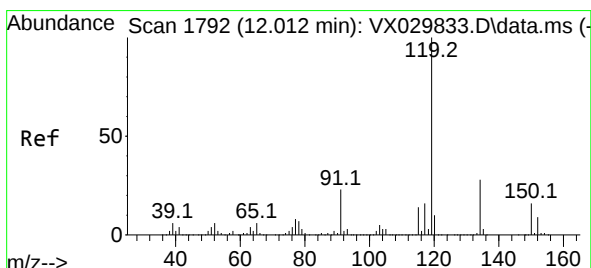
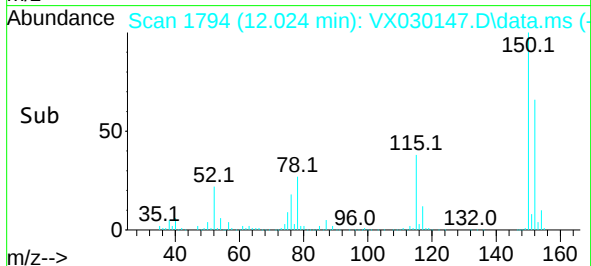
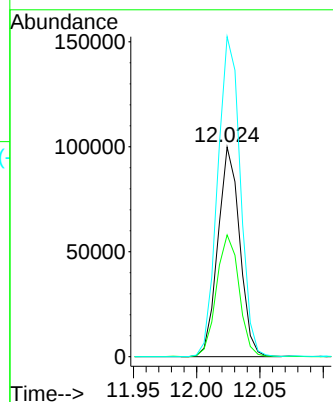
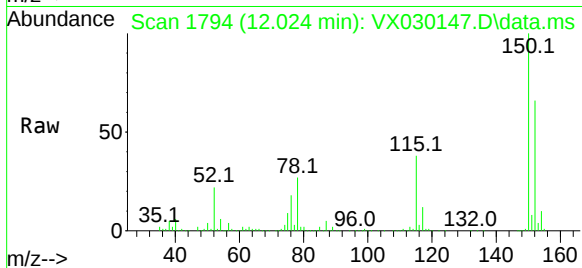




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX030147.D
 Acq: 20 Jul 2022 21:06

Instrument :
 MSVOA_X
 ClientSampleId :
 TANK-O

Tgt Ion:152 Resp: 119555
 Ion Ratio Lower Upper
 152 100
 115 60.4 40.5 121.5
 150 158.7 0.0 347.0



#86
 p-Isopropyltoluene
 Concen: 0.380 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX030147.D
 Acq: 20 Jul 2022 21:06

Tgt Ion:119 Resp: 2710
 Ion Ratio Lower Upper
 119 100
 134 32.1 13.9 41.6
 91 37.2 11.8 35.3#

