

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071222\
 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)

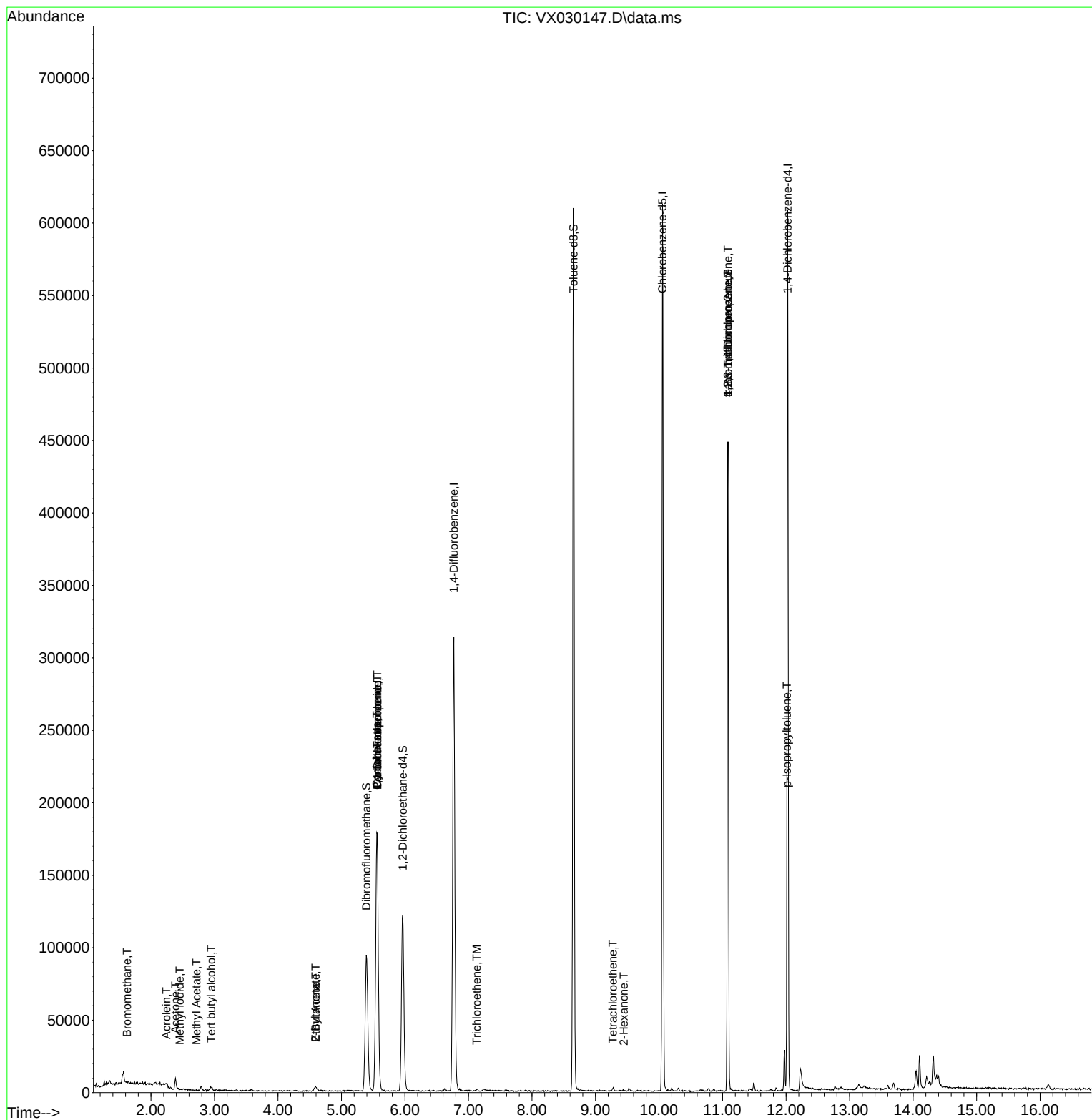
Internal Standards						
1) Pentafluorobenzene	5.562	168	171097	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	316756	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	273722	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	119555	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	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	
2) Dichlorodifluoromethane	1.288	85	19	Below Cal	#	42
5) Bromomethane	1.624	94	361	0.429	ug/l #	2
10) Methyl Iodide	2.453	142	187	2.512	ug/l #	81
11) Tert butyl alcohol	2.946	59	1338	2.489	ug/l #	74
13) Acrolein	2.239	56	470	4.391	ug/l #	53
16) Acetone	2.386	43	7735	7.882	ug/l	93
17) Carbon Disulfide	2.508	76	420	Below Cal	#	74
18) Methyl Acetate	2.715	43	882	0.295	ug/l #	57
20) Methylene Chloride	2.788	84	1189	Below Cal	#	93
25) 2-Butanone	4.593	43	1862	1.114	ug/l #	76
31) Cyclohexane	5.556	56	4035	1.337	ug/l #	8
36) 1,1-Dichloropropene	5.562	75	13507	5.168	ug/l #	48
37) Ethyl Acetate	4.593	43	1862	0.554	ug/l #	71
38) Carbon Tetrachloride	5.562	117	16966	6.961	ug/l #	17
44) Trichloroethene	7.129	130	557	0.232	ug/l	97
59) 2-Hexanone	9.445	43	883	0.345	ug/l	80
64) Tetrachloroethene	9.275	164	492	0.224	ug/l #	62
76) 1,2,3-Trichloropropane	11.085	75	61288	22.296	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	61288	64.346	ug/l #	13
86) p-Isopropyltoluene	12.012	119	2710	0.380	ug/l #	83

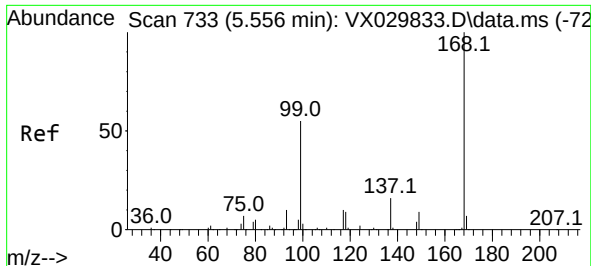
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

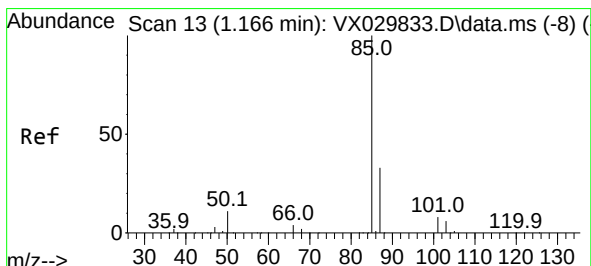
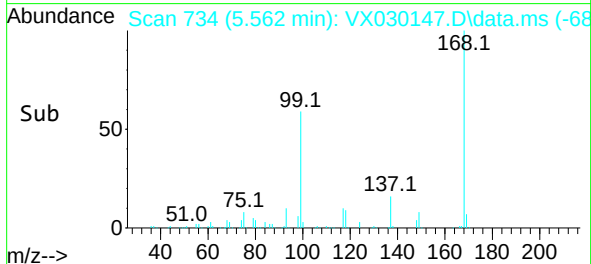
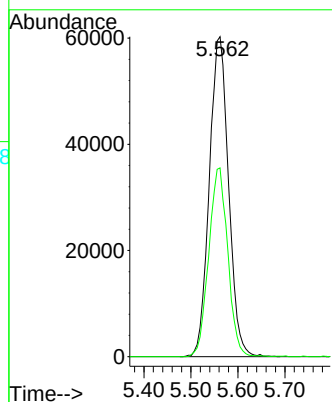
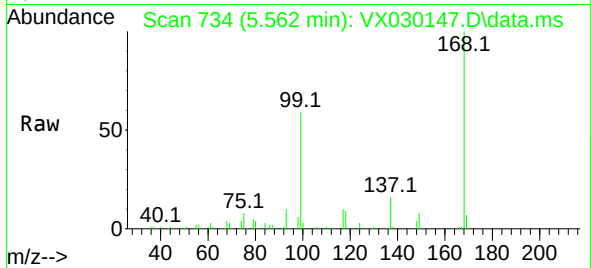




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX030147.D
Acq: 20 Jul 2022 21:06

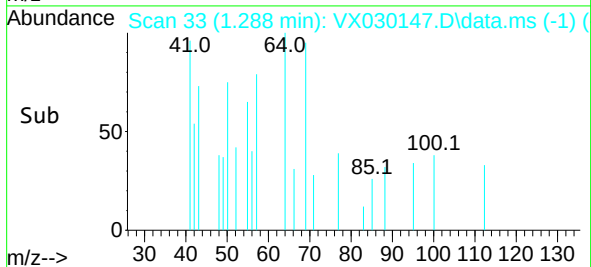
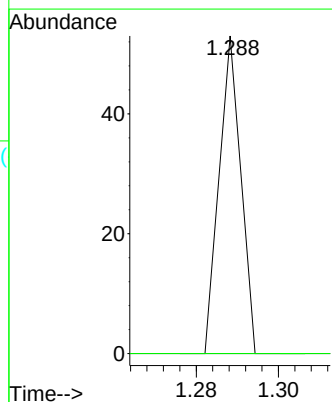
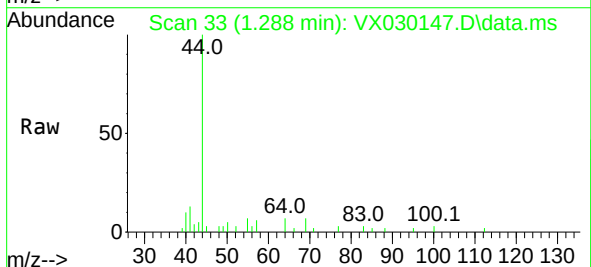
Instrument :
MSVOA_X
ClientSampleId :
TANK-O

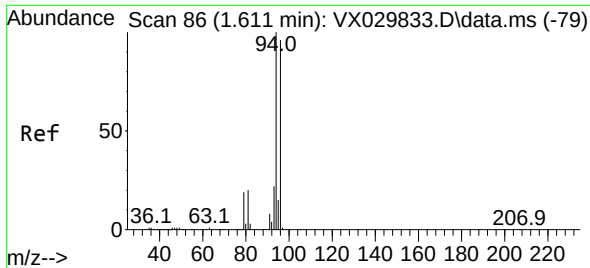
Tgt Ion:168 Resp: 171097
Ion Ratio Lower Upper
168 100
99 59.0 44.0 66.0



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.288 min Scan# 33
Delta R.T. 0.122 min
Lab File: VX030147.D
Acq: 20 Jul 2022 21:06

Tgt Ion: 85 Resp: 19
Ion Ratio Lower Upper
85 100
87 0.0 16.5 49.5#

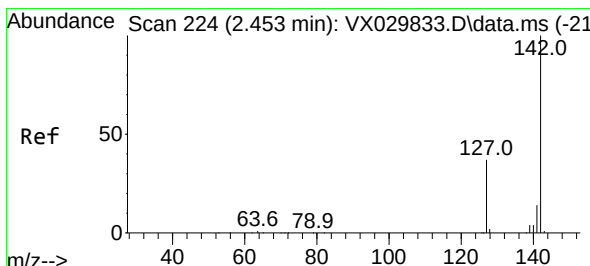
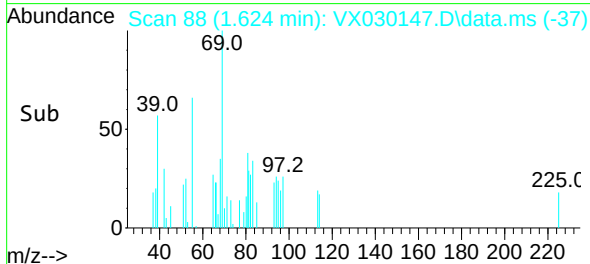
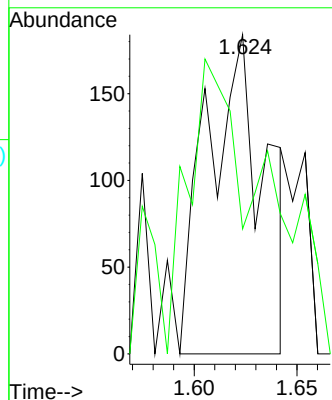
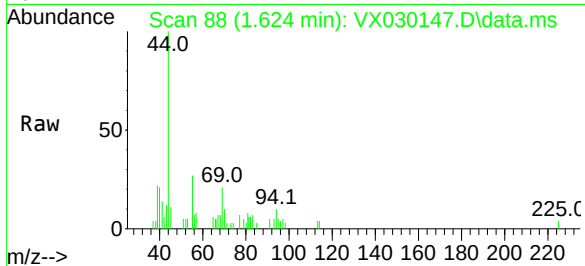




#5
Bromomethane
Concen: 0.429 ug/l
RT: 1.624 min Scan# 86
Delta R.T. 0.013 min
Lab File: VX030147.D
Acq: 20 Jul 2022 21:06

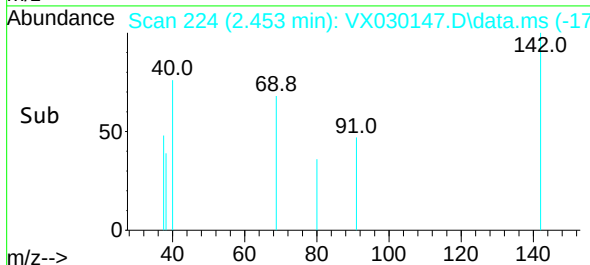
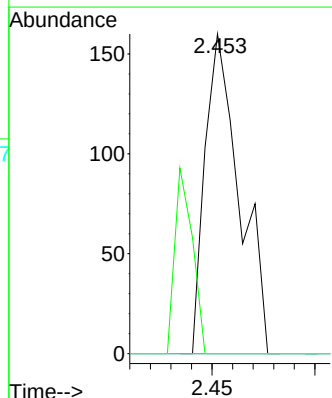
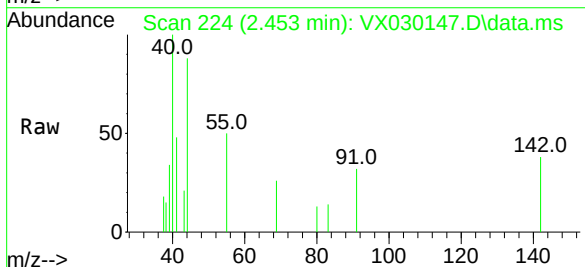
Instrument :
MSVOA_X
ClientSampleId :
TANK-O

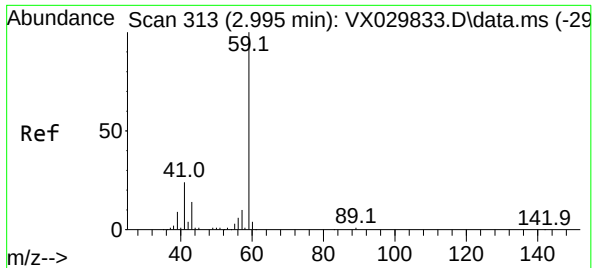
Tgt Ion: 94 Resp: 361
Ion Ratio Lower Upper
94 100
96 0.0 76.9 115.3#



#10
Methyl Iodide
Concen: 2.512 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX030147.D
Acq: 20 Jul 2022 21:06

Tgt Ion: 142 Resp: 187
Ion Ratio Lower Upper
142 100
127 29.4 30.2 45.2#
141 0.0 11.3 16.9#

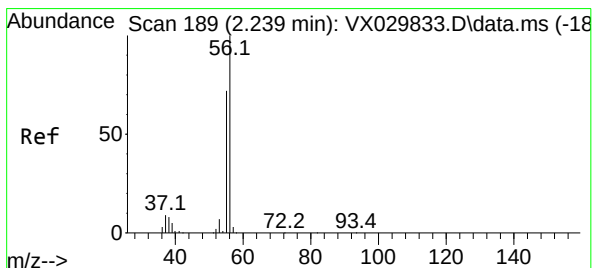
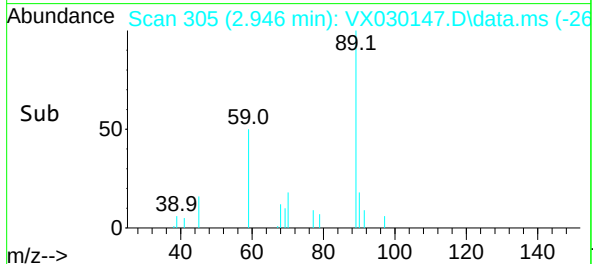
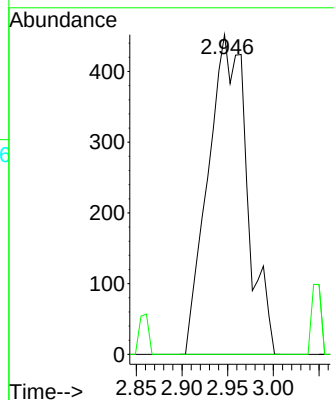
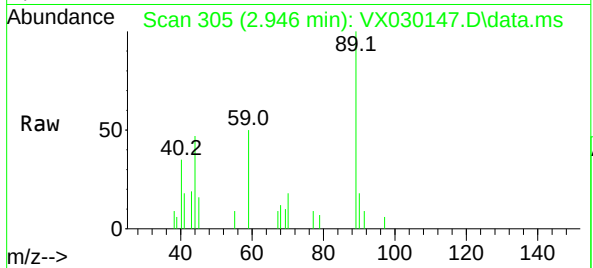




#11
Tert butyl alcohol
Concen: 2.489 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.049 min
Lab File: VX030147.D
Acq: 20 Jul 2022 21:06

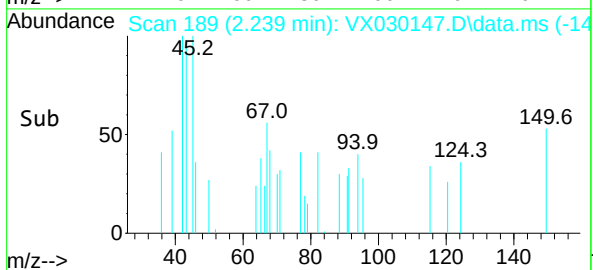
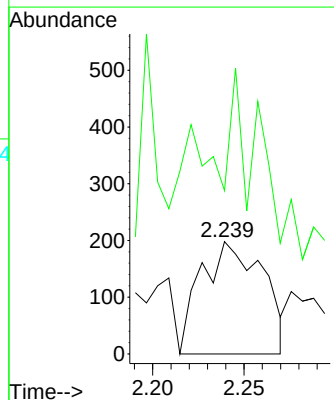
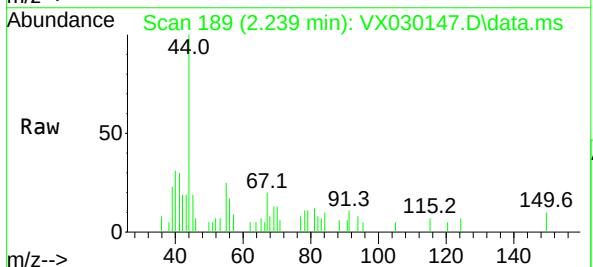
Instrument :
MSVOA_X
ClientSampleId :
TANK-O

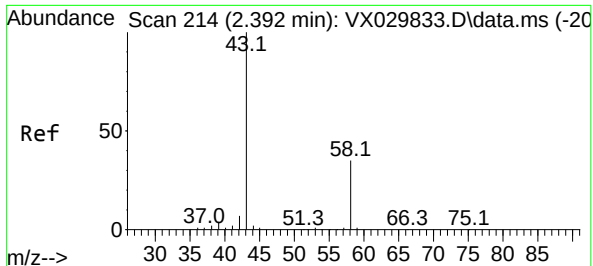
Tgt Ion: 59 Resp: 1338
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#



#13
Acrolein
Concen: 4.391 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX030147.D
Acq: 20 Jul 2022 21:06

Tgt Ion: 56 Resp: 470
Ion Ratio Lower Upper
56 100
55 32.1 56.6 84.8#

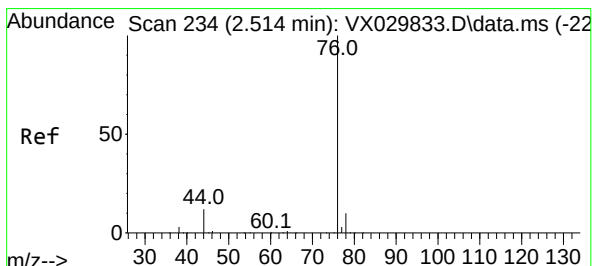
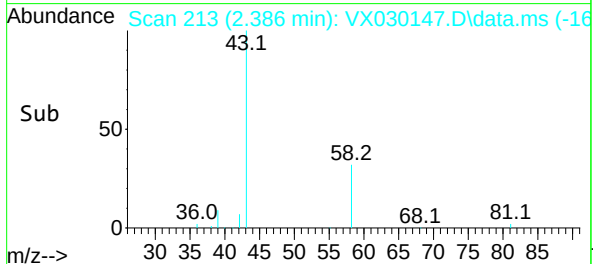
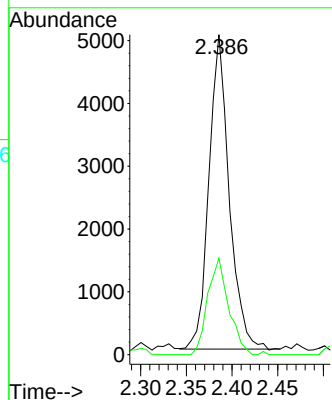
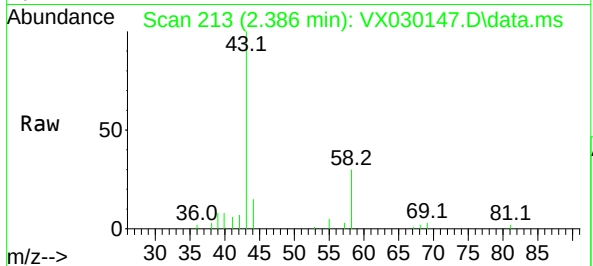




#16
Acetone
Concen: 7.882 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX030147.D
Acq: 20 Jul 2022 21:06

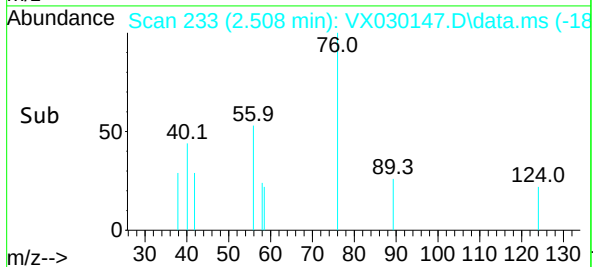
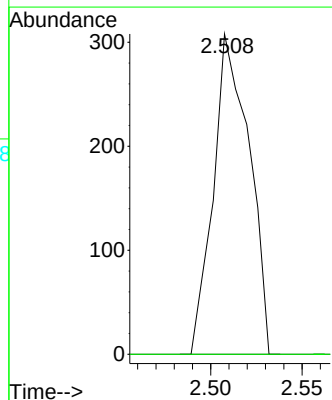
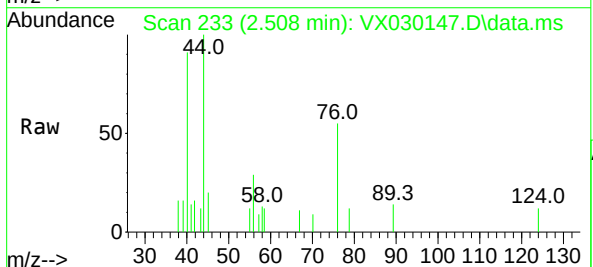
Instrument :
MSVOA_X
ClientSampleId :
TANK-O

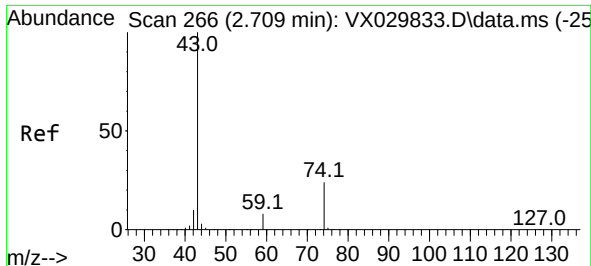
Tgt Ion: 43 Resp: 7735
Ion Ratio Lower Upper
43 100
58 30.7 27.7 41.5



#17
Carbon Disulfide
Concen: Below Cal
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX030147.D
Acq: 20 Jul 2022 21:06

Tgt Ion: 76 Resp: 420
Ion Ratio Lower Upper
76 100
78 0.0 7.8 11.6#





#18

Methyl Acetate

Concen: 0.295 ug/l

RT: 2.715 min Scan# 2

Delta R.T. 0.006 min

Lab File: VX030147.D

Acq: 20 Jul 2022 21:06

Instrument :

MSVOA_X

ClientSampleId :

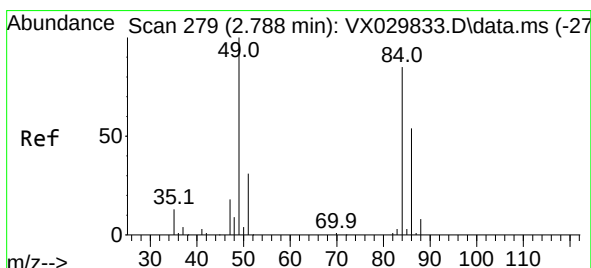
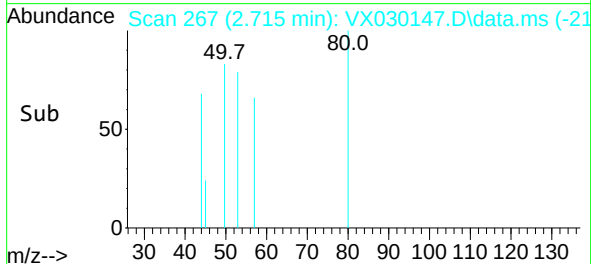
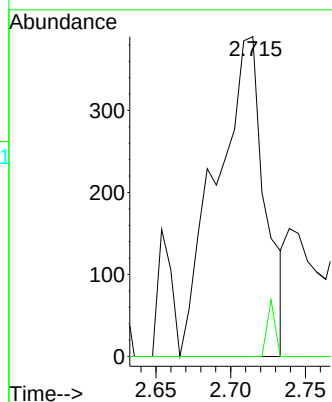
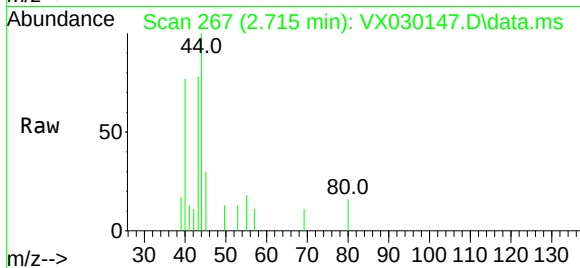
TANK-O

Tgt Ion: 43 Resp: 882

Ion Ratio Lower Upper

43 100

74 2.8 19.4 29.2#



#20

Methylene Chloride

Concen: Below Cal

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX030147.D

Acq: 20 Jul 2022 21:06

Tgt Ion: 84 Resp: 1189

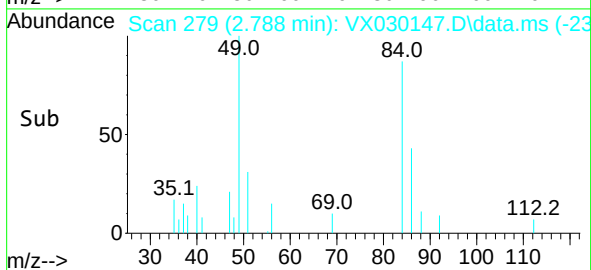
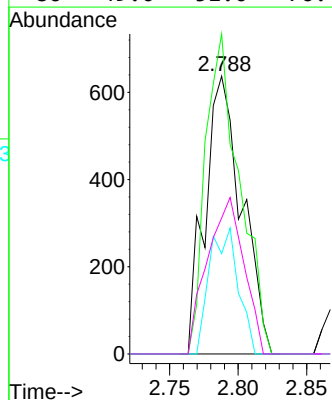
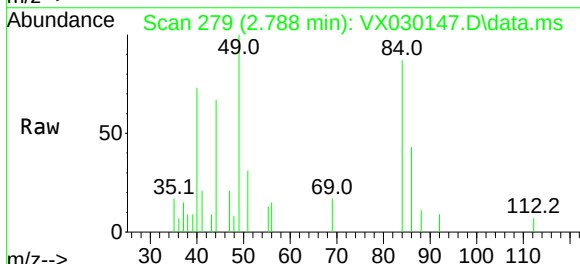
Ion Ratio Lower Upper

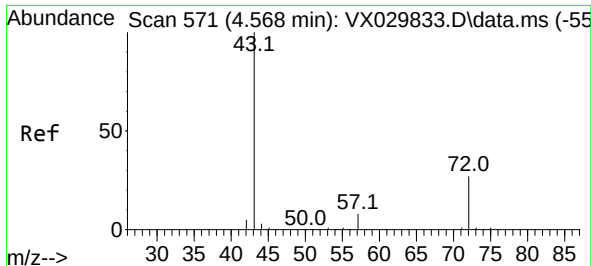
84 100

49 115.2 93.8 140.6

51 36.1 29.4 44.0

86 49.0 51.0 76.4#





#25

2-Butanone

Concen: 1.114 ug/l

RT: 4.593 min Scan# 51

Delta R.T. 0.025 min

Lab File: VX030147.D

Acq: 20 Jul 2022 21:06

Instrument :

MSVOA_X

ClientSampleId :

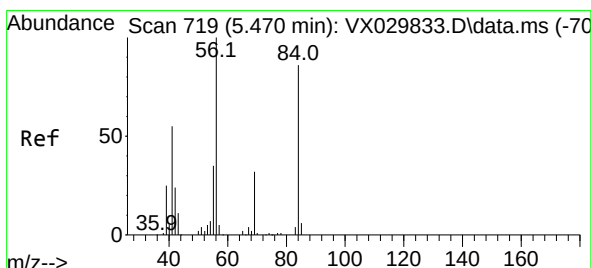
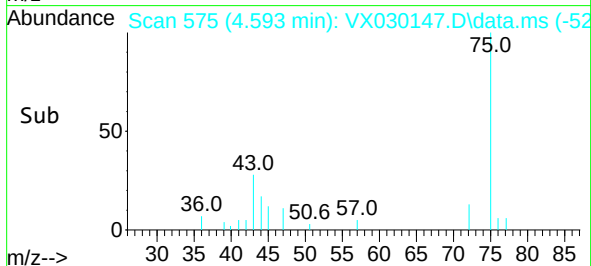
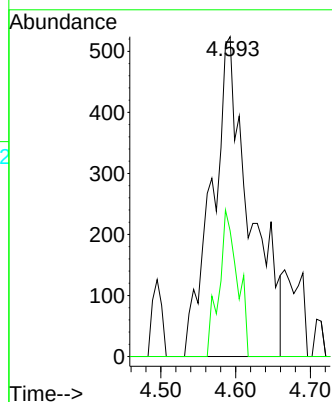
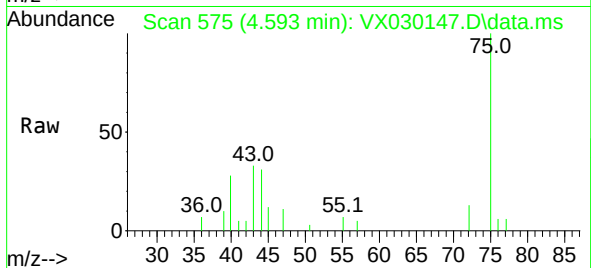
TANK-O

Tgt Ion: 43 Resp: 1862

Ion Ratio Lower Upper

43 100

72 39.3 21.7 32.5#



#31

Cyclohexane

Concen: 1.337 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.086 min

Lab File: VX030147.D

Acq: 20 Jul 2022 21:06

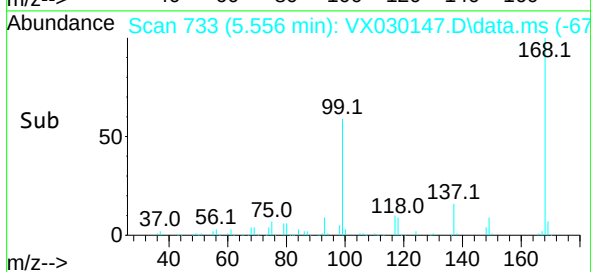
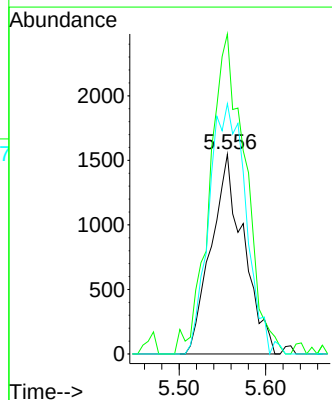
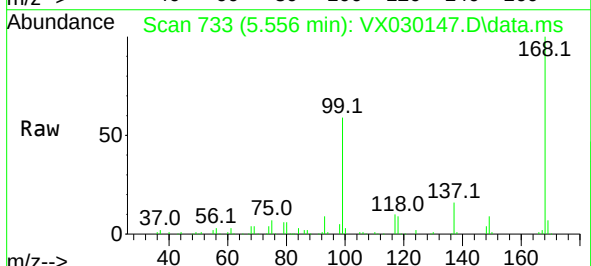
Tgt Ion: 56 Resp: 4035

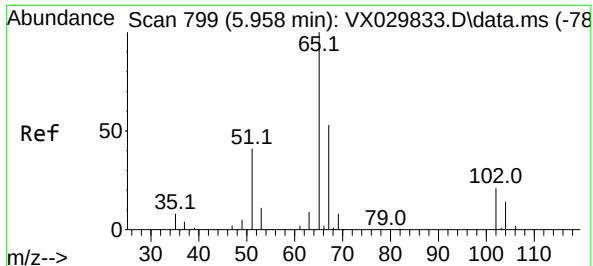
Ion Ratio Lower Upper

56 100

69 156.6 25.4 38.0#

84 125.3 68.9 103.3#





#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 :

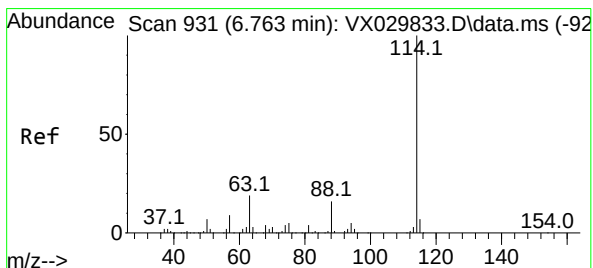
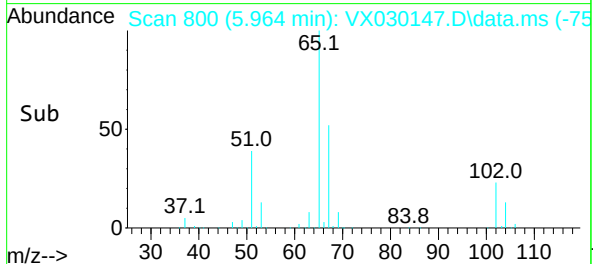
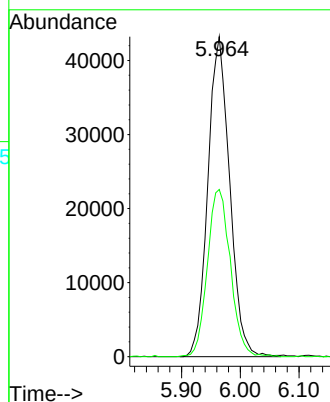
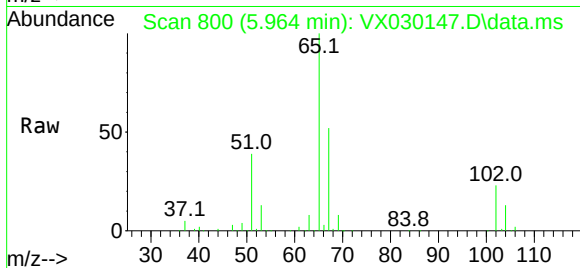
TANK-O

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

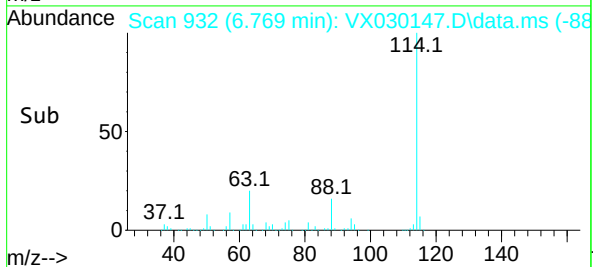
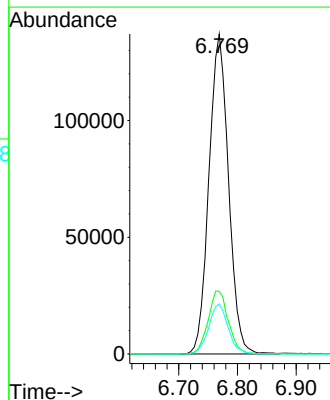
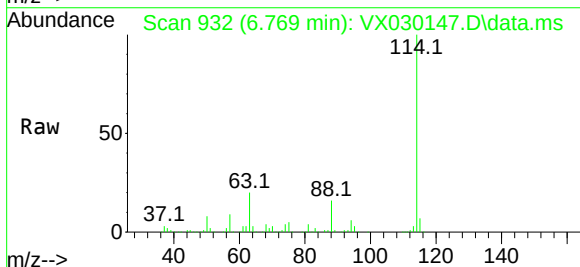
Tgt Ion: 114 Resp: 316756

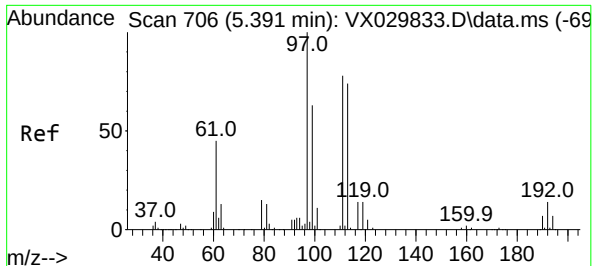
Ion Ratio Lower Upper

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

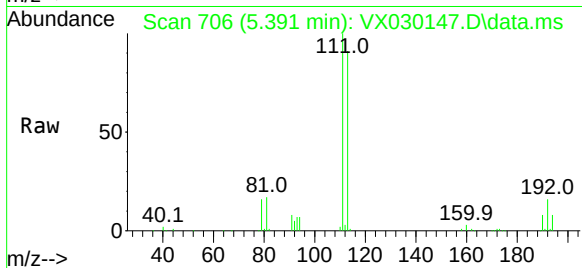
Acq: 20 Jul 2022 21:06

Instrument :

MSVOA_X

ClientSampleId :

TANK-O



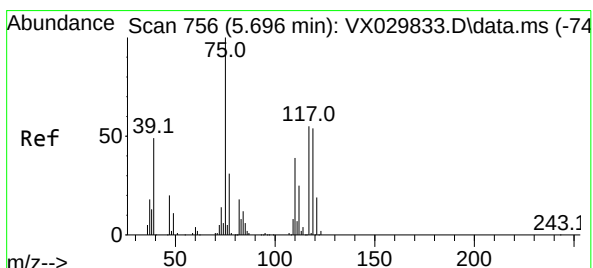
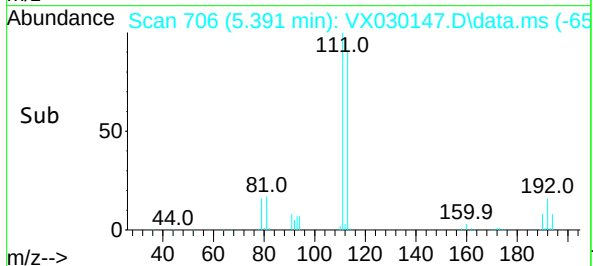
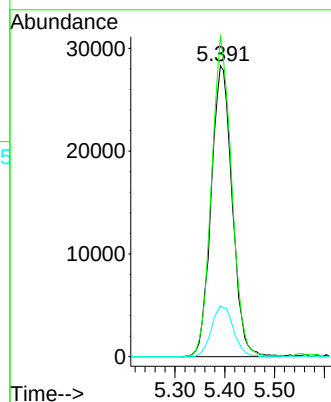
Tgt Ion:113 Resp: 82945

Ion Ratio Lower Upper

113 100

111 105.6 83.2 124.8

192 18.2 14.8 22.2



#36

1,1-Dichloropropene

Concen: 5.168 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.134 min

Lab File: VX030147.D

Acq: 20 Jul 2022 21:06

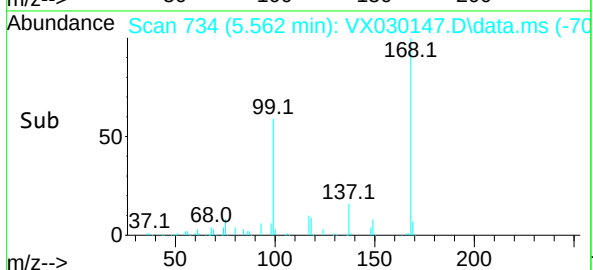
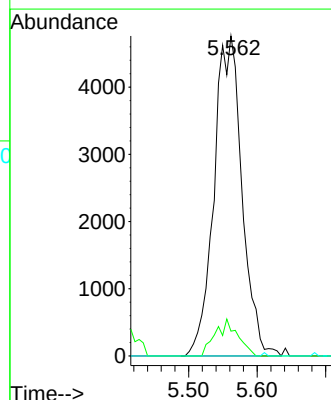
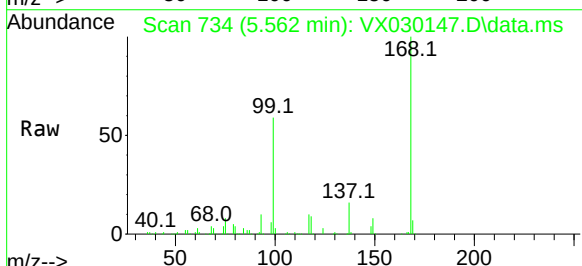
Tgt Ion: 75 Resp: 13507

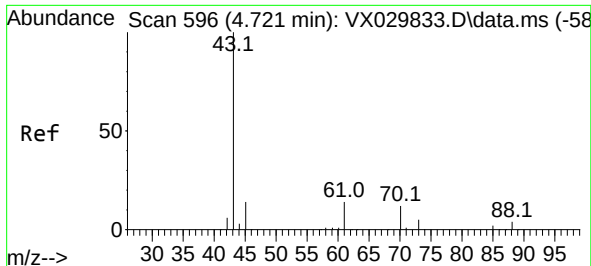
Ion Ratio Lower Upper

75 100

110 9.2 19.3 57.9#

77 0.0 24.4 36.6#





#37

Ethyl Acetate

Concen: 0.554 ug/l

RT: 4.593 min Scan# 51

Delta R.T. -0.128 min

Lab File: VX030147.D

Acq: 20 Jul 2022 21:06

Instrument :

MSVOA_X

ClientSampleId :

TANK-O

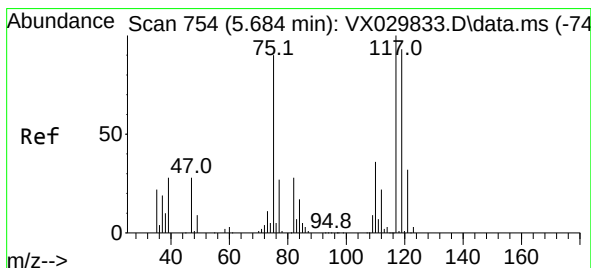
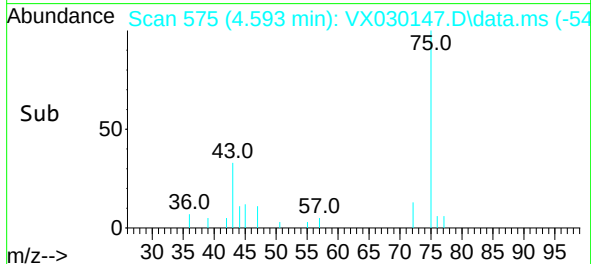
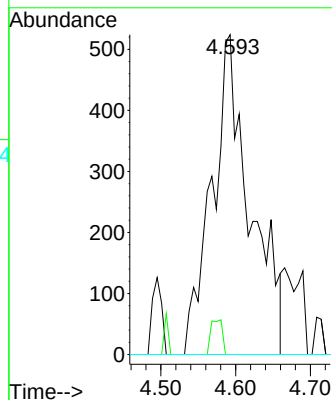
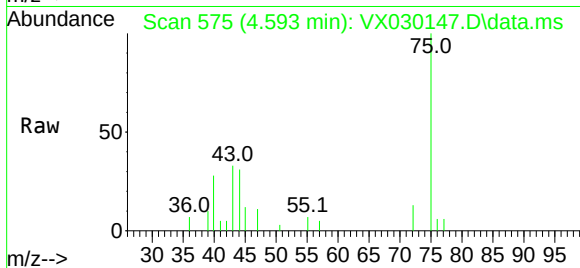
Tgt Ion: 43 Resp: 1862

Ion Ratio Lower Upper

43 100

61 3.3 11.7 17.5#

70 0.0 9.3 13.9#



#38

Carbon Tetrachloride

Concen: 6.961 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.122 min

Lab File: VX030147.D

Acq: 20 Jul 2022 21:06

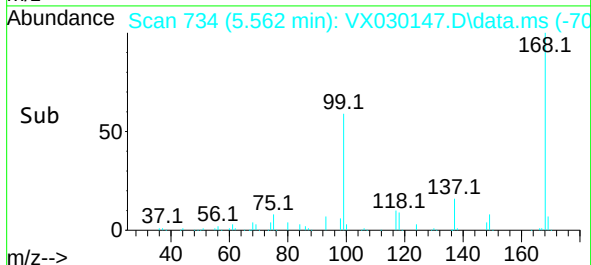
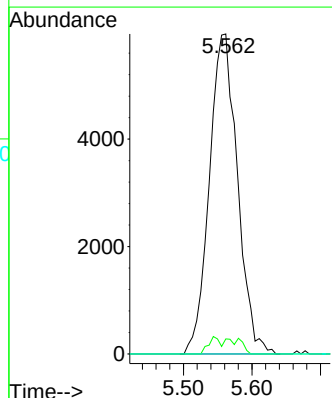
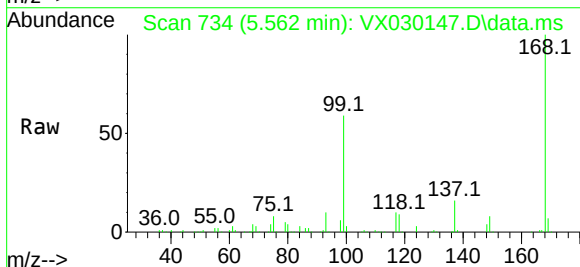
Tgt Ion: 117 Resp: 16966

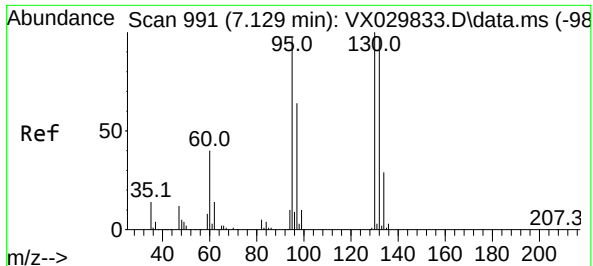
Ion Ratio Lower Upper

117 100

119 4.7 74.1 111.1#

121 0.0 25.8 38.8#

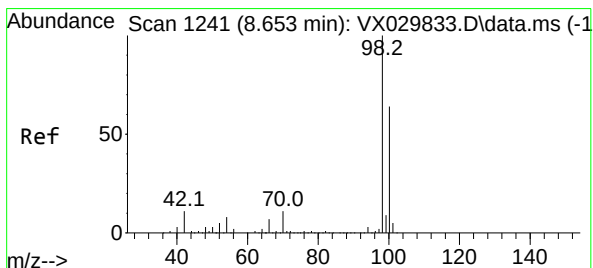
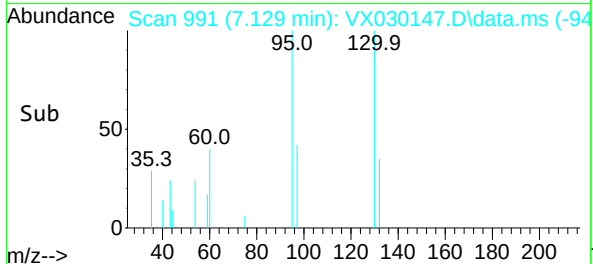
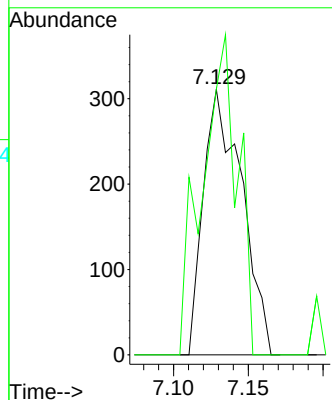
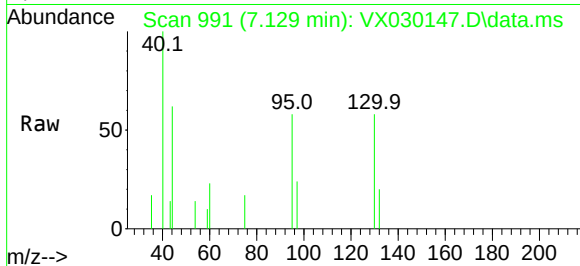




#44
Trichloroethene
Concen: 0.232 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX030147.D
Acq: 20 Jul 2022 21:06

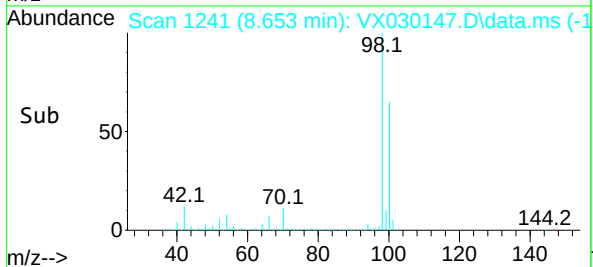
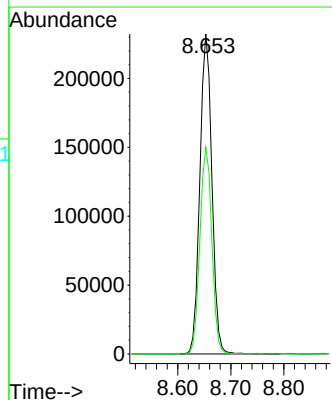
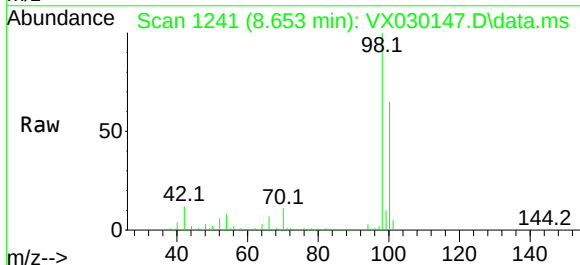
Instrument :
MSVOA_X
ClientSampleId :
TANK-O

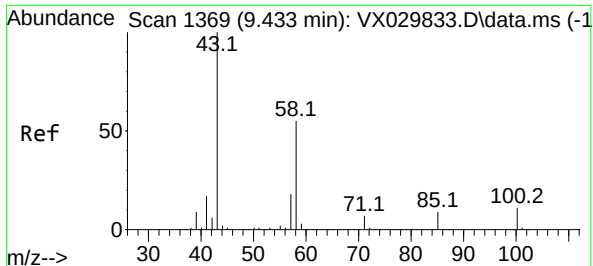
Tgt Ion:130 Resp: 557
Ion Ratio Lower Upper
130 100
95 100.0 0.0 194.8



#50
Toluene-d8
Concen: 47.904 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX030147.D
Acq: 20 Jul 2022 21:06

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





#59

2-Hexanone

Concen: 0.345 ug/l

RT: 9.445 min Scan# 11

Delta R.T. 0.012 min

Lab File: VX030147.D

Acq: 20 Jul 2022 21:06

Instrument :

MSVOA_X

ClientSampleId :

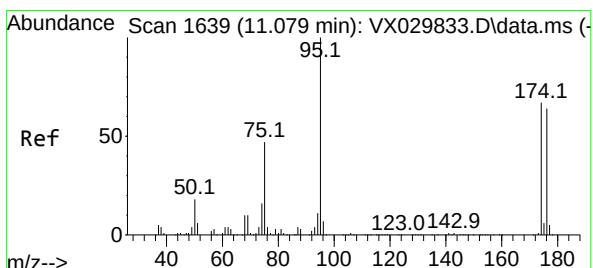
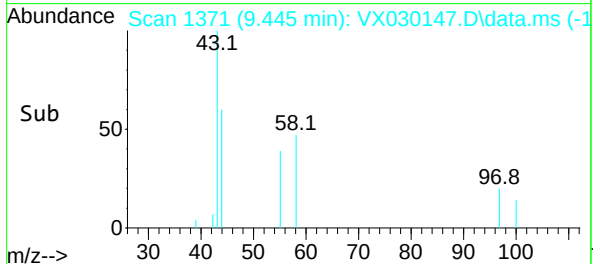
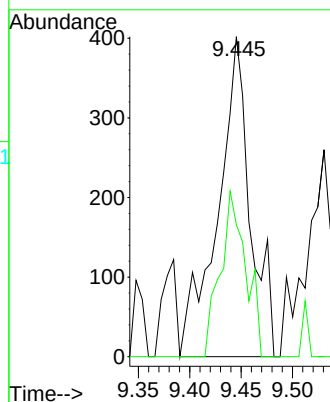
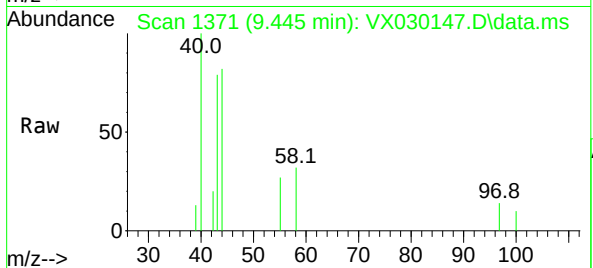
TANK-O

Tgt Ion: 43 Resp: 883

Ion Ratio Lower Upper

43 100

58 40.7 27.6 82.8



#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

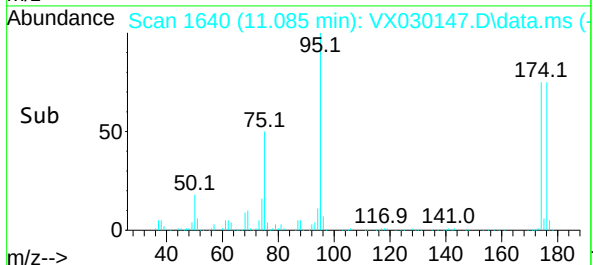
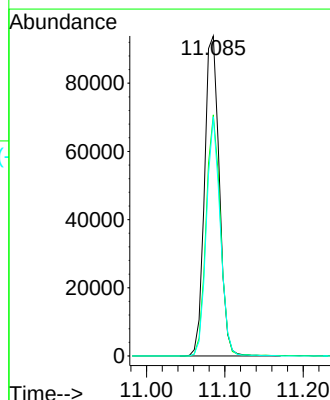
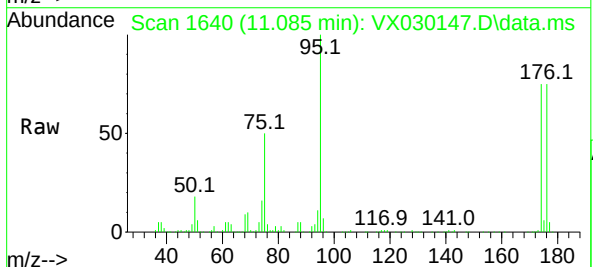
Tgt Ion: 95 Resp: 122976

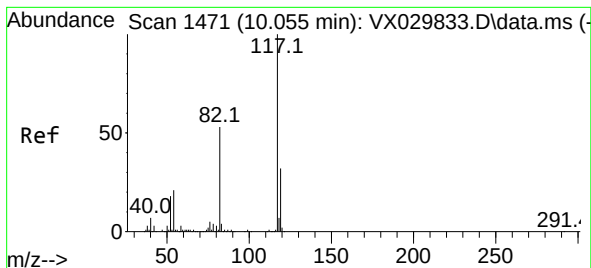
Ion Ratio Lower Upper

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

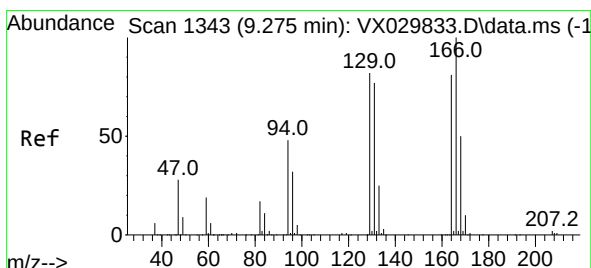
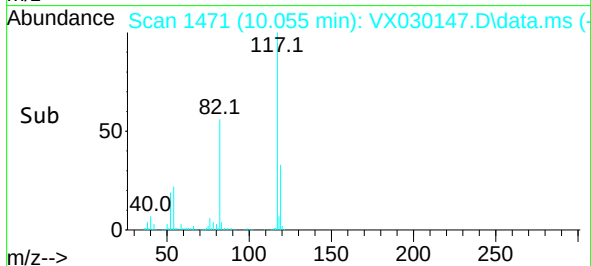
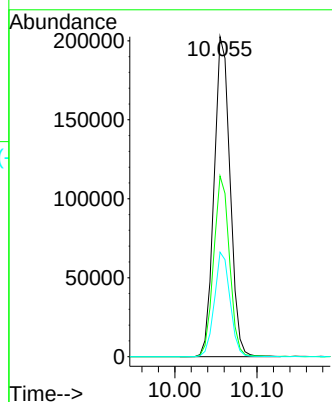
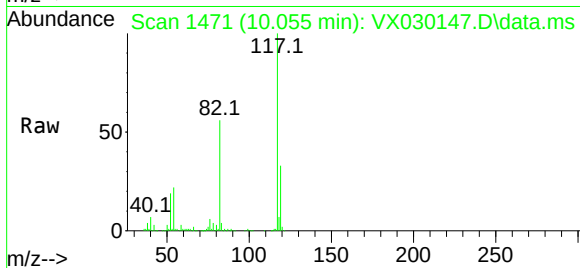
Tgt Ion:117 Resp: 273722

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

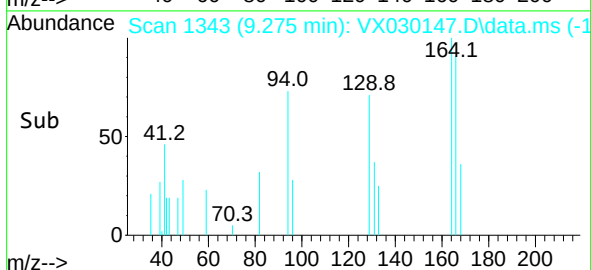
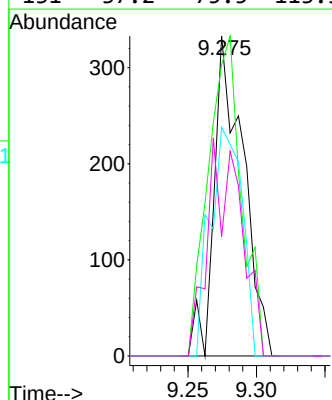
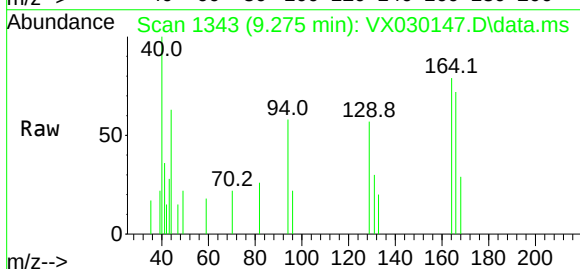
Ion Ratio Lower Upper

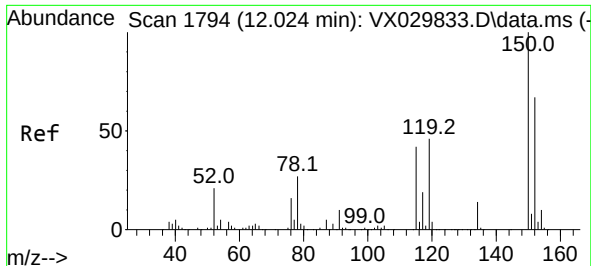
164 100

166 91.0 98.2 147.4#

129 71.5 80.8 121.2#

131 37.2 75.5 113.3#

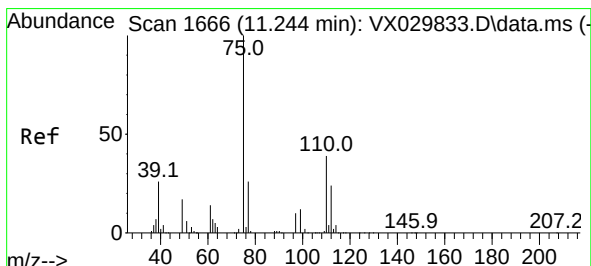
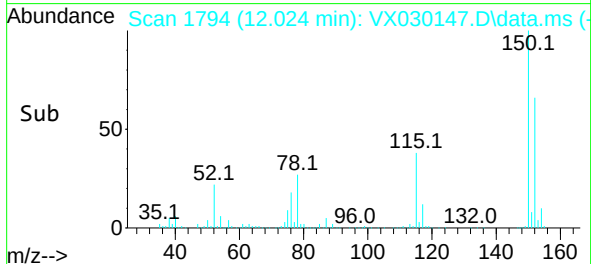
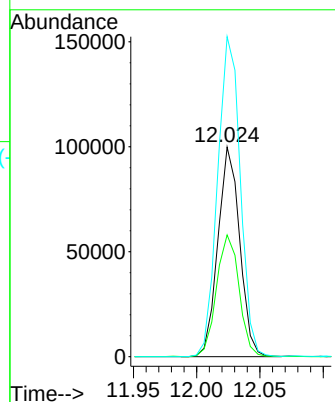
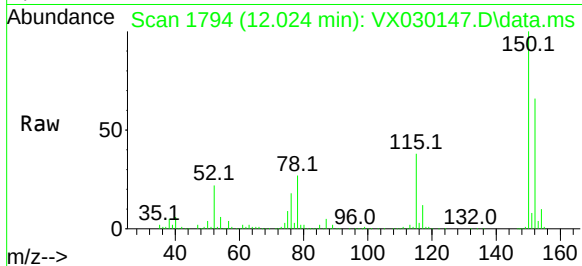




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX030147.D
Acq: 20 Jul 2022 21:06

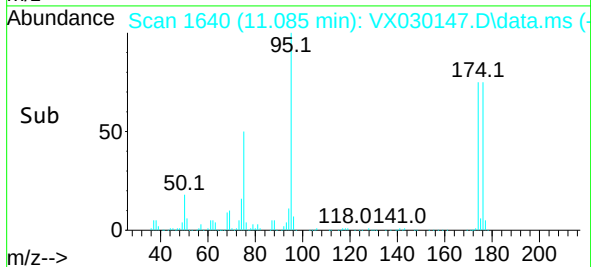
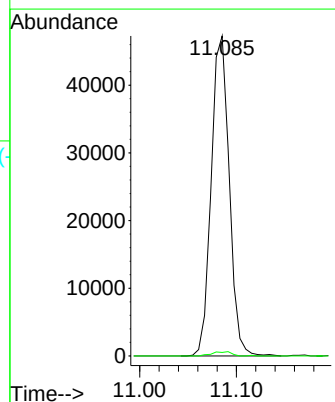
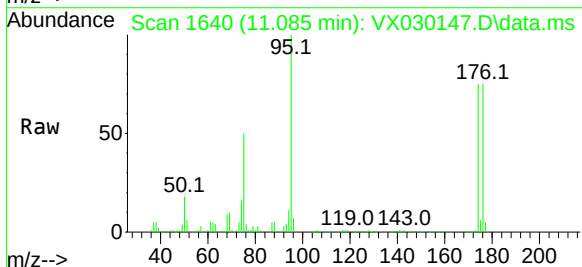
Instrument :
MSVOA_X
ClientSampleId :
TANK-O

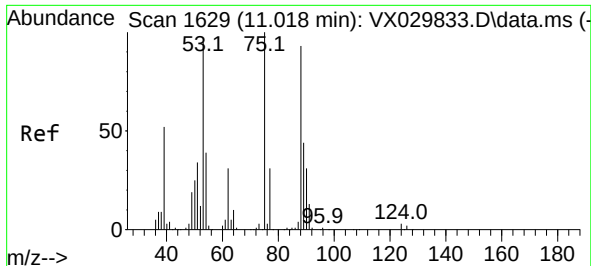
Tgt Ion:152 Resp: 119555
Ion Ratio Lower Upper
152 100
115 60.4 40.5 121.5
150 158.7 0.0 347.0



#76
1,2,3-Trichloropropane
Concen: 22.296 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX030147.D
Acq: 20 Jul 2022 21:06

Tgt Ion: 75 Resp: 61288
Ion Ratio Lower Upper
75 100
77 1.4 19.8 59.3#

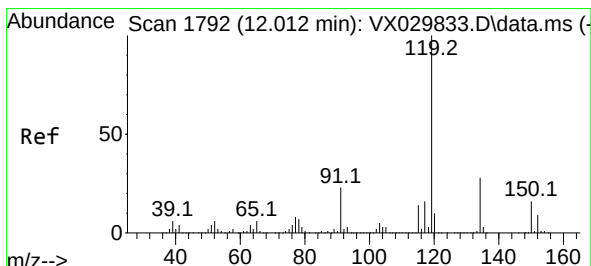
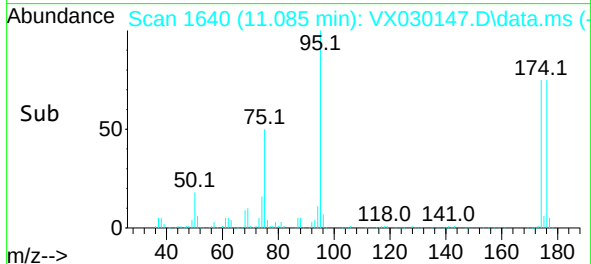
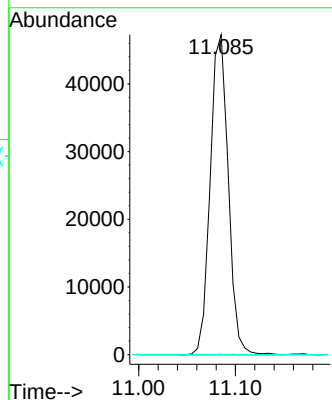
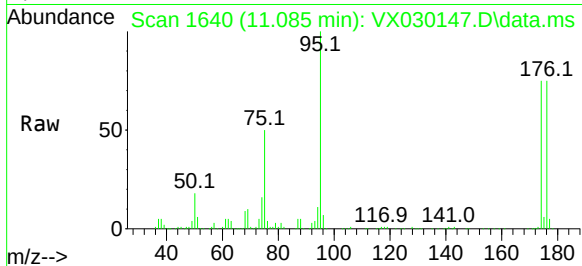




#81
trans-1,4-Dichloro-2-butene
Concen: 64.346 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.067 min
Lab File: VX030147.D
Acq: 20 Jul 2022 21:06

Instrument :
MSVOA_X
ClientSampleId :
TANK-O

Tgt Ion: 75 Resp: 61288
Ion Ratio Lower Upper
75 100
53 0.1 74.2 111.4#
89 0.1 34.8 52.2#



#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#

