

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071122\
 Data File : VX029988.D
 Acq On : 11 Jul 2022 11:07
 Operator : JC/MD
 Sample : VX0711WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0711WBL01

Quant Time: Jul 12 02:02:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 05:54:51 2022
 Response via : Initial Calibration

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

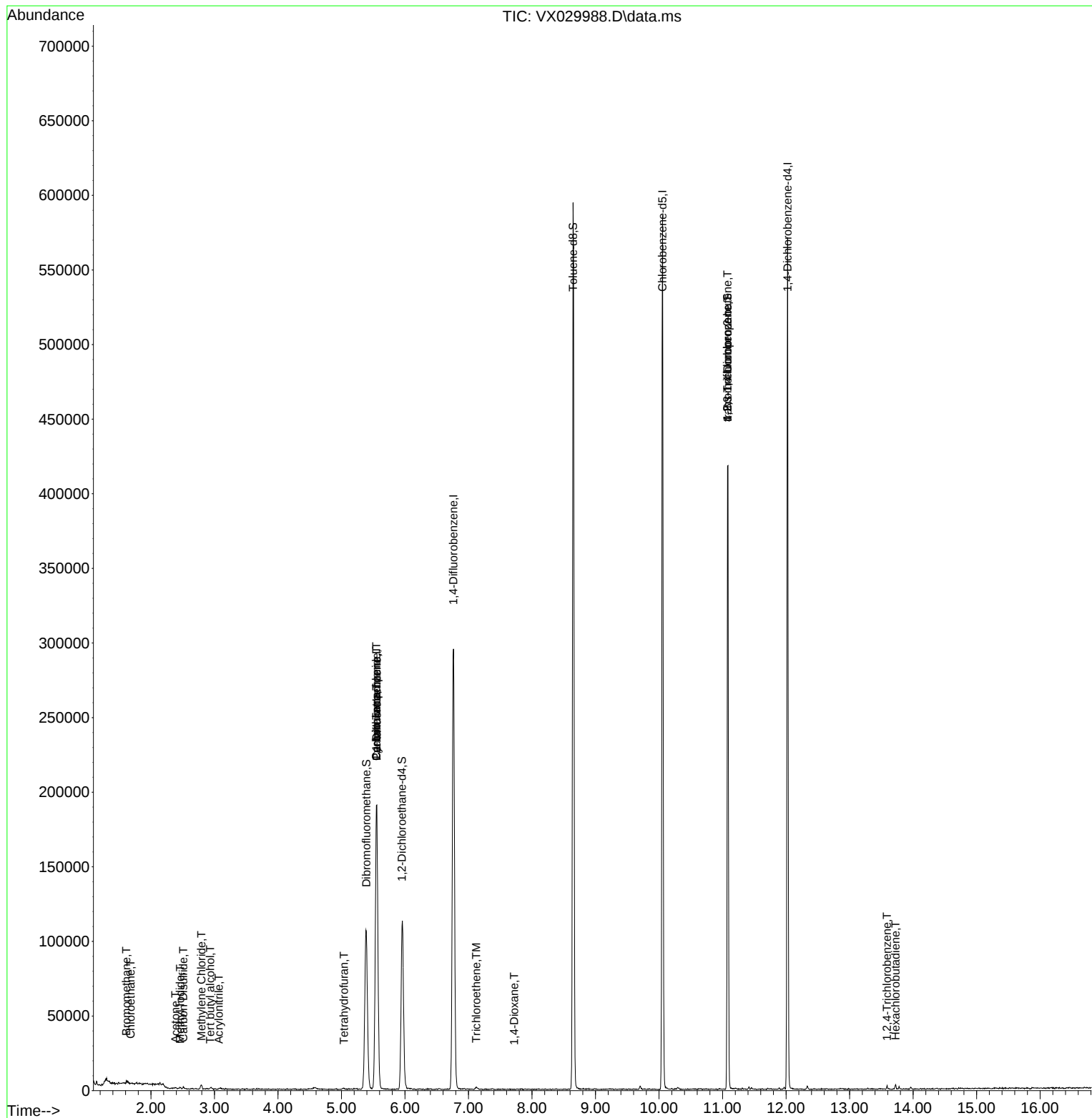
Internal Standards						
1) Pentafluorobenzene	5.556	168	194940	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	326427	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	273360	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	119693	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	101131	40.983	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	81.960%		
35) Dibromofluoromethane	5.391	113	94859	46.500	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.000%		
50) Toluene-d8	8.647	98	367410	48.009	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.020%		
62) 4-Bromofluorobenzene	11.079	95	118128	43.667	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	87.340%		
Target Compounds					Qvalue	
5) Bromomethane	1.611	94	326	0.272	ug/l #	71
6) Chloroethane	1.678	64	186	1.150	ug/l #	41
10) Methyl Iodide	2.459	142	1039	2.247	ug/l	92
11) Tert butyl alcohol	2.934	59	689	1.068	ug/l #	74
13) Acrolein	2.245	56	95	Below Cal	#	58
15) Acrylonitrile	3.068	53	322	0.214	ug/l #	82
16) Acetone	2.386	43	789	0.654	ug/l #	80
17) Carbon Disulfide	2.508	76	1450	0.290	ug/l #	74
20) Methylene Chloride	2.794	84	1387	0.544	ug/l	96
29) Tetrahydrofuran	5.038	42	445	0.323	ug/l #	59
31) Cyclohexane	5.550	56	3685	1.071	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	13574	5.003	ug/l #	48
38) Carbon Tetrachloride	5.550	117	17699	7.528	ug/l #	20
44) Trichloroethene	7.123	130	773	0.327	ug/l	87
49) 1,4-Dioxane	7.720	88	20	0.319	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	55768	19.463	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	55768	61.811	ug/l #	12
93) 1,2,4-Trichlorobenzene	13.591	180	549	0.231	ug/l	92
94) Hexachlorobutadiene	13.725	225	424	0.481	ug/l	94

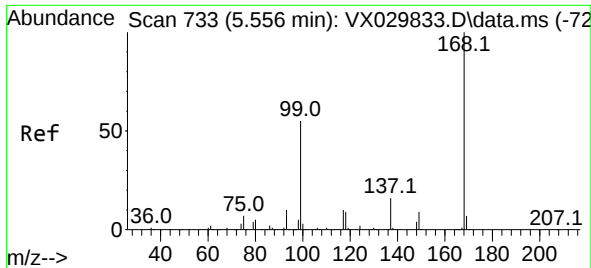
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071122\
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Quant Time: Jul 12 02:02:04 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062822W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 29 05:54:51 2022
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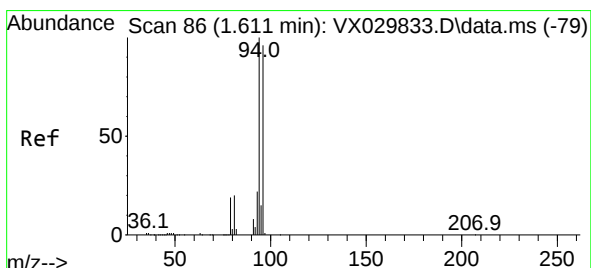
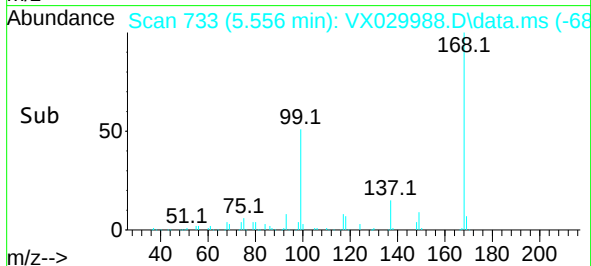
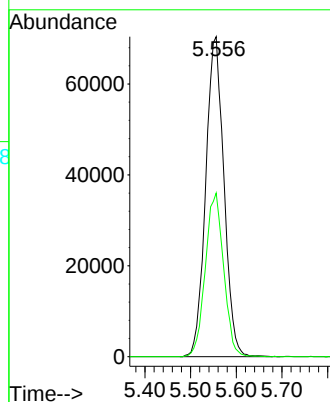
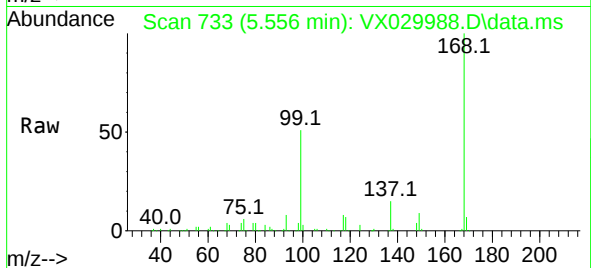




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029988.D
Acq: 11 Jul 2022 11:07

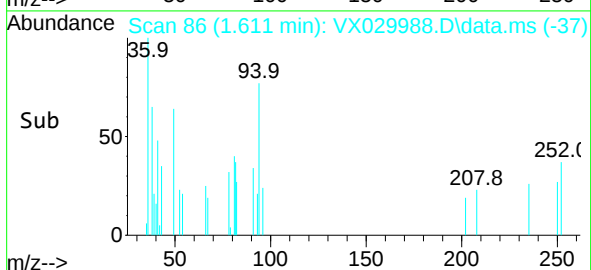
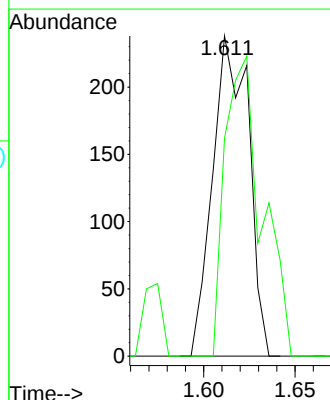
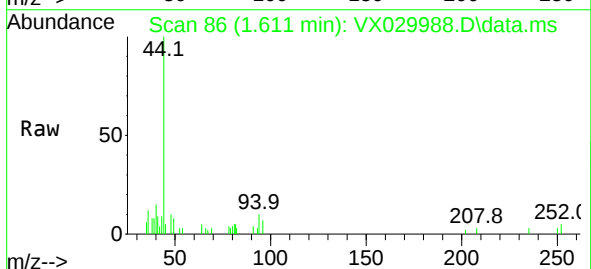
Instrument :
MSVOA_X
ClientSampleId :
VX0711WBL01

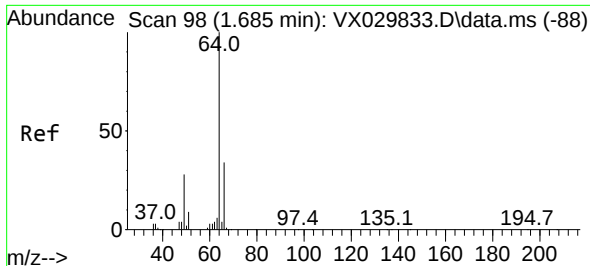
Tgt Ion:168 Resp: 194940
Ion Ratio Lower Upper
168 100
99 51.2 44.0 66.0



#5
Bromomethane
Concen: 0.272 ug/l
RT: 1.611 min Scan# 86
Delta R.T. -0.000 min
Lab File: VX029988.D
Acq: 11 Jul 2022 11:07

Tgt Ion: 94 Resp: 326
Ion Ratio Lower Upper
94 100
96 68.1 76.9 115.3#

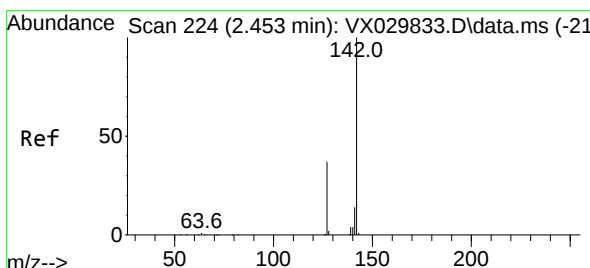
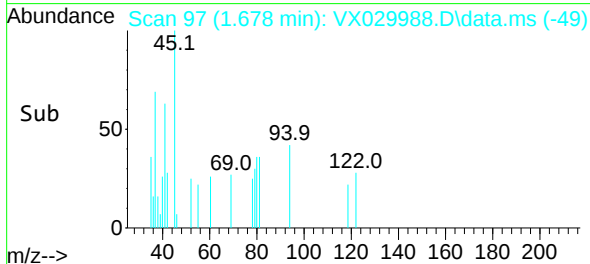
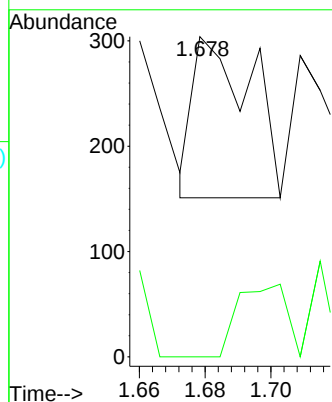
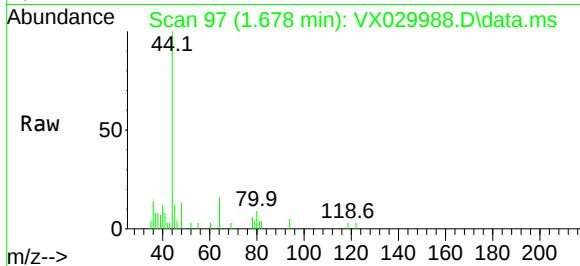




#6
Chloroethane
Concen: 1.150 ug/l
RT: 1.678 min Scan# 91
Delta R.T. -0.007 min
Lab File: VX029988.D
Acq: 11 Jul 2022 11:07

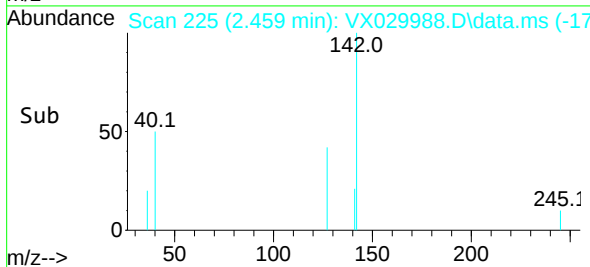
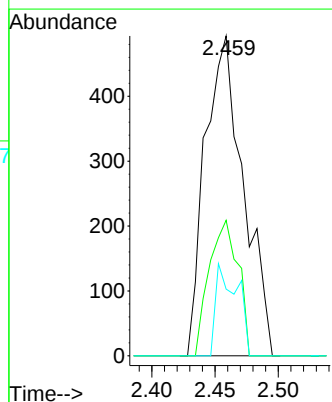
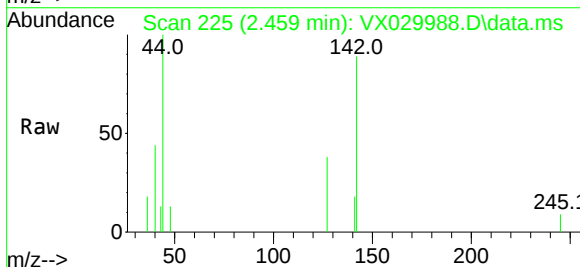
Instrument :
MSVOA_X
ClientSampleId :
VX0711WBL01

Tgt Ion: 64 Resp: 186
Ion Ratio Lower Upper
64 100
66 0.0 27.2 40.8#



#10
Methyl Iodide
Concen: 2.247 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX029988.D
Acq: 11 Jul 2022 11:07

Tgt Ion: 142 Resp: 1039
Ion Ratio Lower Upper
142 100
127 32.1 30.2 45.2
141 16.1 11.3 16.9





#11

Tert butyl alcohol

Concen: 1.068 ug/l

RT: 2.934 min Scan# 30

Delta R.T. -0.061 min

Lab File: VX029988.D

Acq: 11 Jul 2022 11:07

Instrument :

MSVOA_X

ClientSampleId :

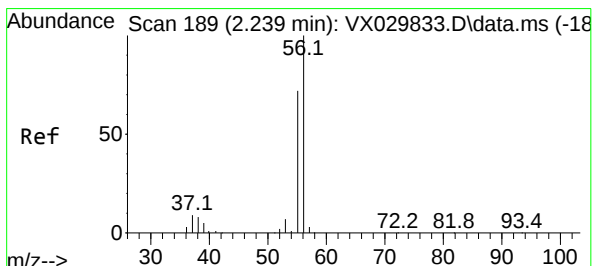
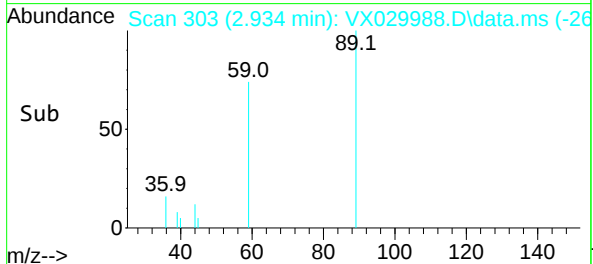
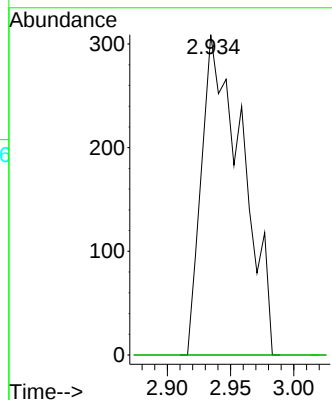
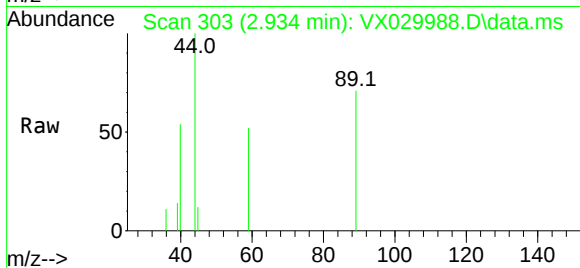
VX0711WBL01

Tgt Ion: 59 Resp: 689

Ion Ratio Lower Upper

59 100

57 0.0 7.4 11.2#



#13

Acrolein

Concen: Below Cal

RT: 2.245 min Scan# 190

Delta R.T. 0.006 min

Lab File: VX029988.D

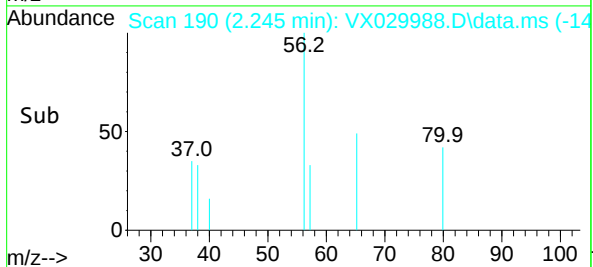
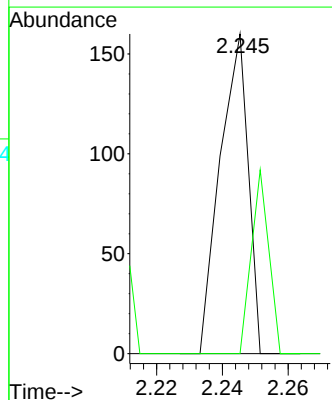
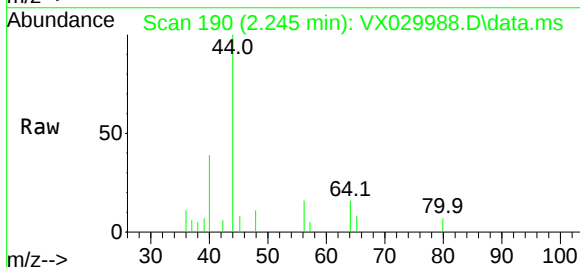
Acq: 11 Jul 2022 11:07

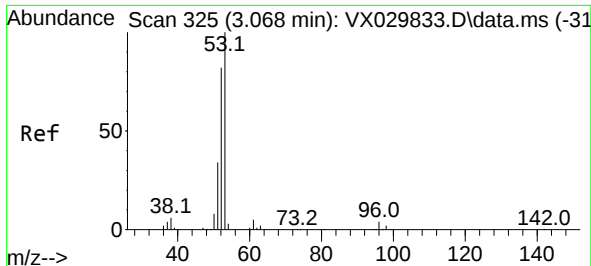
Tgt Ion: 56 Resp: 95

Ion Ratio Lower Upper

56 100

55 35.8 56.6 84.8#

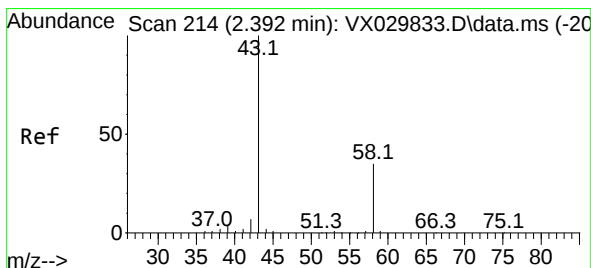
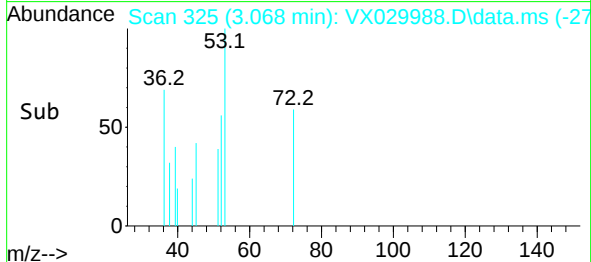
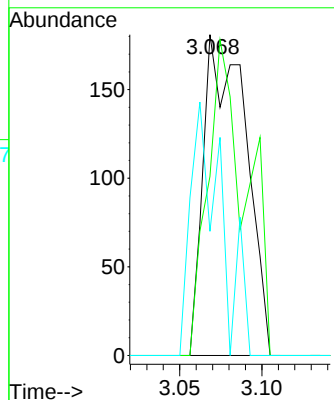
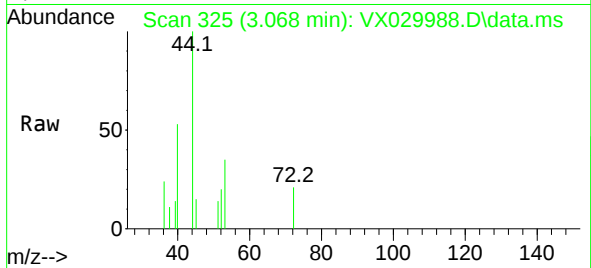




#15
Acrylonitrile
Concen: 0.214 ug/l
RT: 3.068 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX029988.D
Acq: 11 Jul 2022 11:07

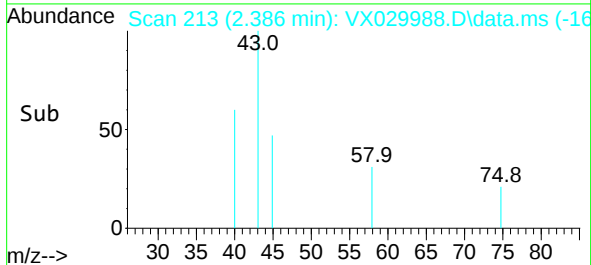
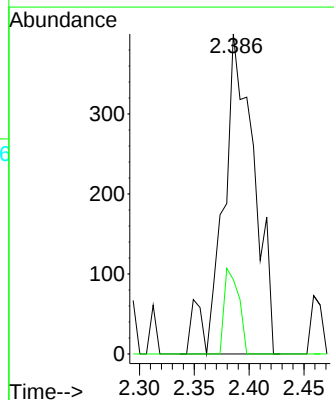
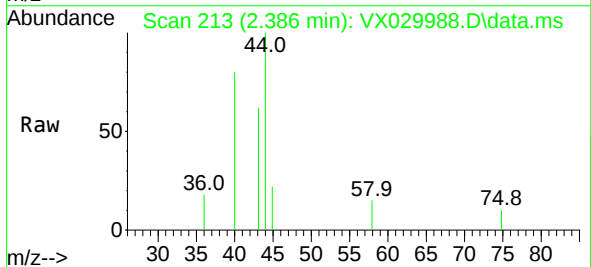
Instrument :
MSVOA_X
ClientSampleId :
VX0711WBL01

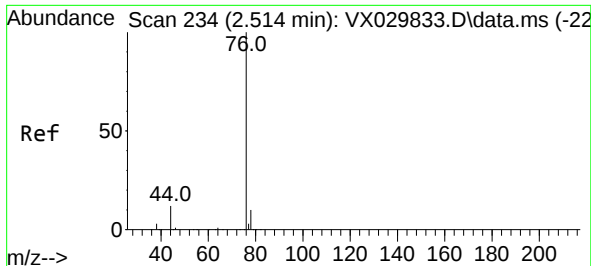
Tgt Ion: 53 Resp: 322
Ion Ratio Lower Upper
53 100
52 89.4 65.4 98.0
51 57.1 27.7 41.5#



#16
Acetone
Concen: 0.654 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX029988.D
Acq: 11 Jul 2022 11:07

Tgt Ion: 43 Resp: 789
Ion Ratio Lower Upper
43 100
58 23.3 27.7 41.5#

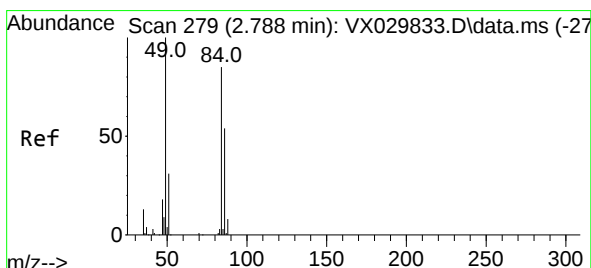
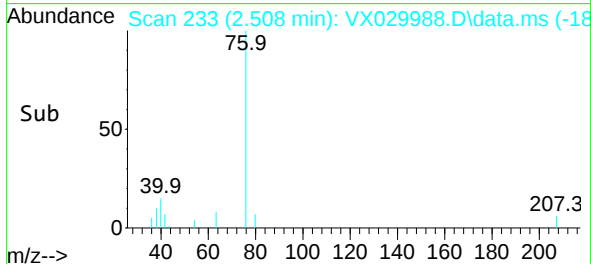
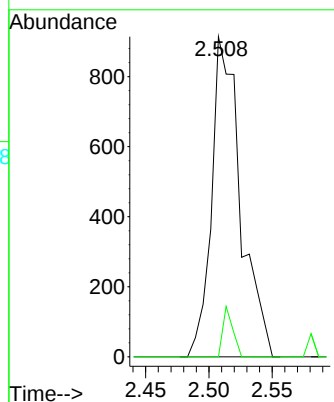
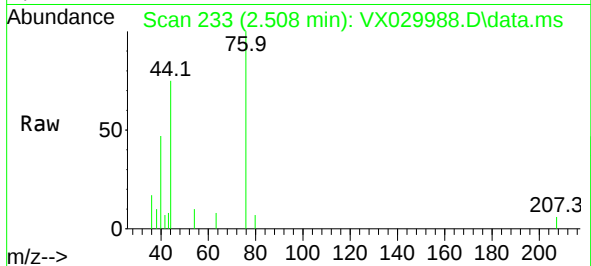




#17
Carbon Disulfide
Concen: 0.290 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX029988.D
Acq: 11 Jul 2022 11:07

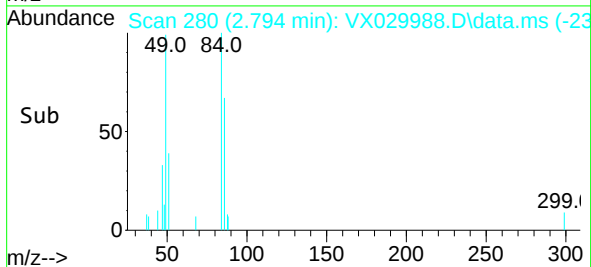
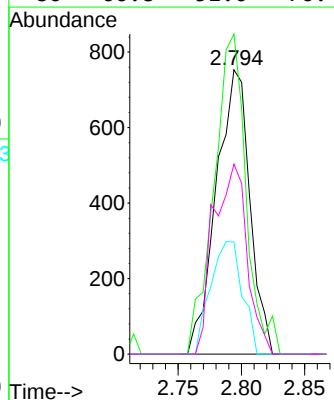
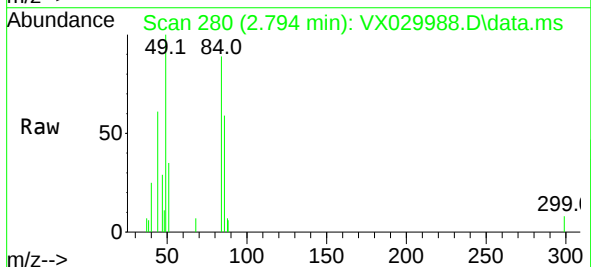
Instrument :
MSVOA_X
ClientSampleId :
VX0711WBL01

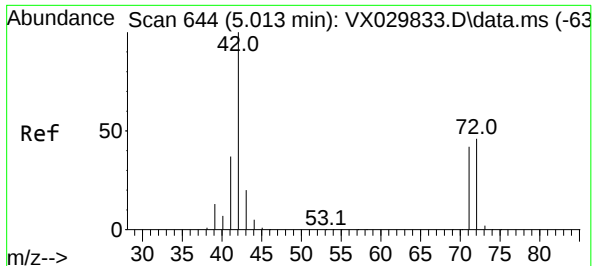
Tgt Ion: 76 Resp: 1450
Ion Ratio Lower Upper
76 100
78 0.0 7.8 11.6#



#20
Methylene Chloride
Concen: 0.544 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX029988.D
Acq: 11 Jul 2022 11:07

Tgt Ion: 84 Resp: 1387
Ion Ratio Lower Upper
84 100
49 112.6 93.8 140.6
51 39.4 29.4 44.0
86 66.8 51.0 76.4





#29

Tetrahydrofuran

Concen: 0.323 ug/l

RT: 5.038 min Scan# 64

Delta R.T. 0.024 min

Lab File: VX029988.D

Acq: 11 Jul 2022 11:07

Instrument :

MSVOA_X

ClientSampleId :

VX0711WBL01

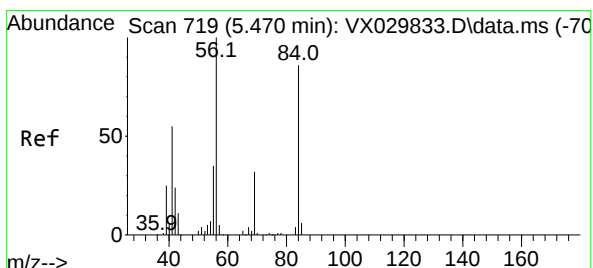
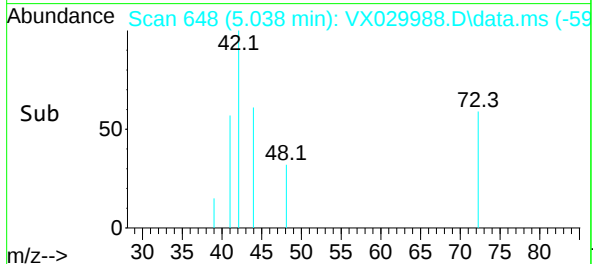
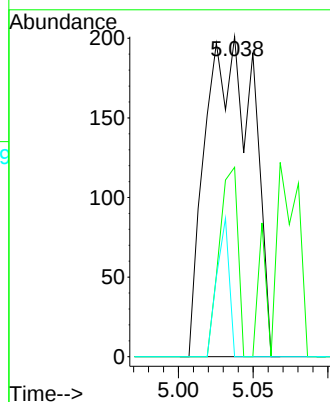
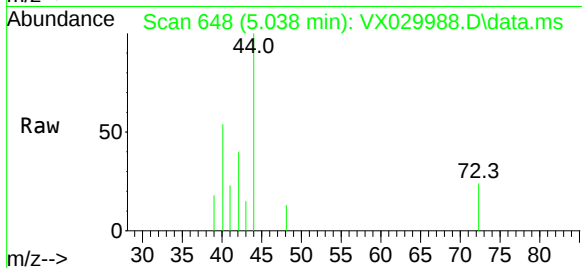
Tgt Ion: 42 Resp: 445

Ion Ratio Lower Upper

42 100

72 23.1 36.5 54.7#

71 11.2 33.9 50.9#



#31

Cyclohexane

Concen: 1.071 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX029988.D

Acq: 11 Jul 2022 11:07

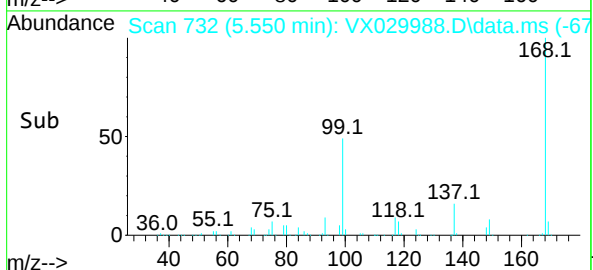
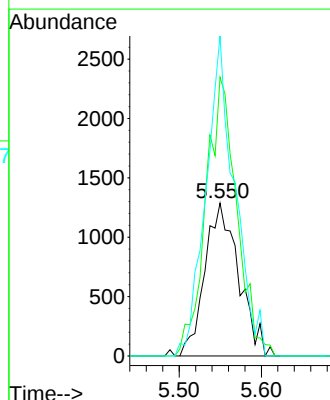
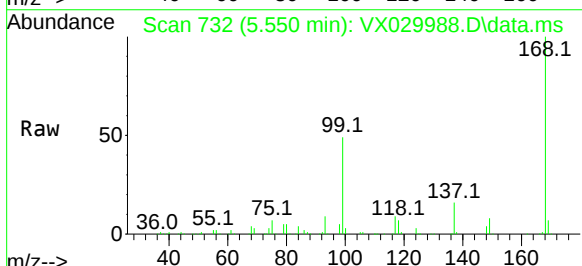
Tgt Ion: 56 Resp: 3685

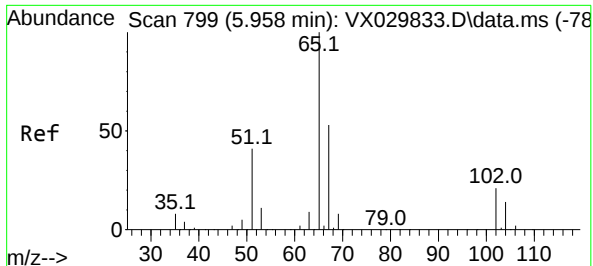
Ion Ratio Lower Upper

56 100

69 182.4 25.4 38.0#

84 209.4 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 40.983 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX029988.D

Acq: 11 Jul 2022 11:07

Instrument :

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ClientSampleId :

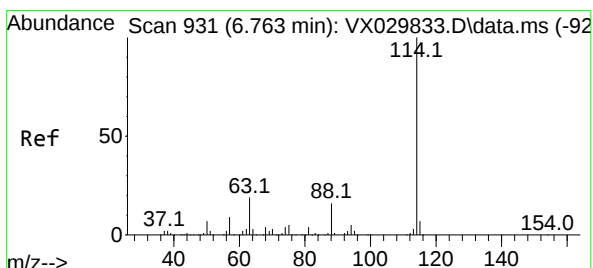
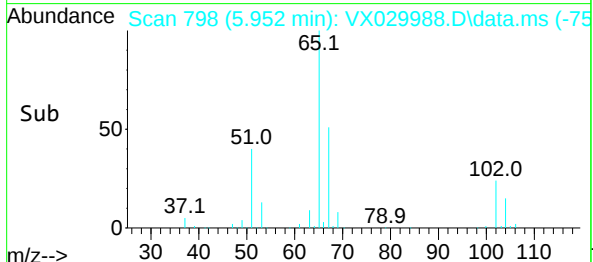
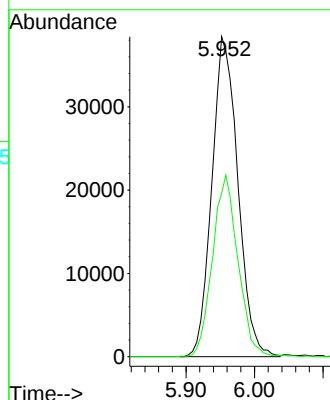
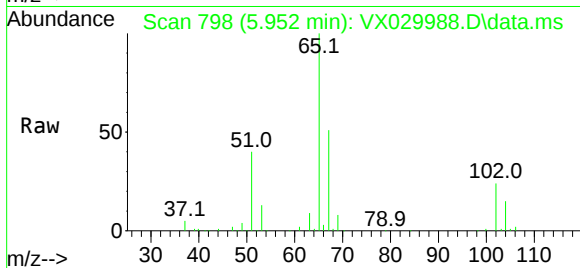
VX0711WBL01

Tgt Ion: 65 Resp: 101131

Ion Ratio Lower Upper

65 100

67 55.6 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX029988.D

Acq: 11 Jul 2022 11:07

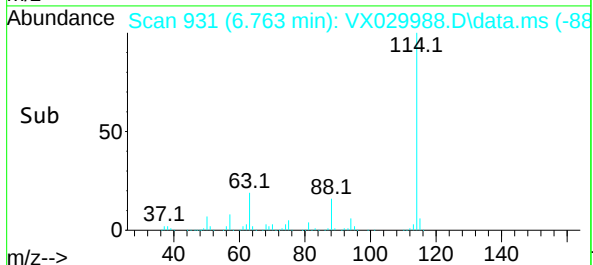
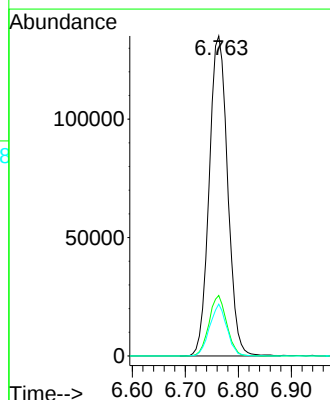
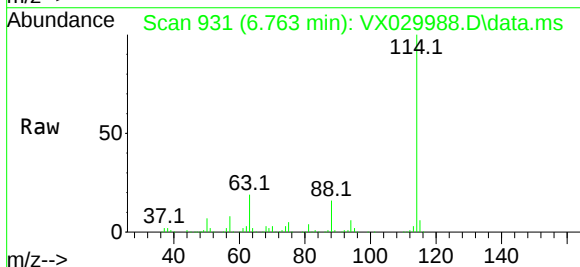
Tgt Ion: 114 Resp: 326427

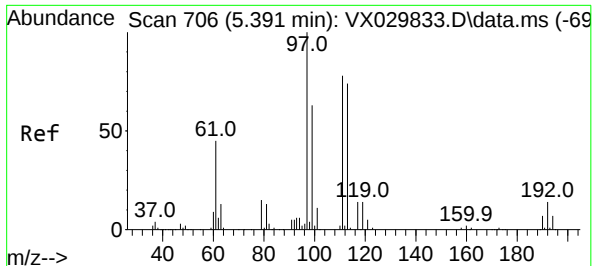
Ion Ratio Lower Upper

114 100

63 18.9 0.0 38.4

88 16.2 0.0 31.8





#35

Dibromofluoromethane

Concen: 46.500 ug/l

RT: 5.391 min Scan# 706

Delta R.T. -0.000 min

Lab File: VX029988.D

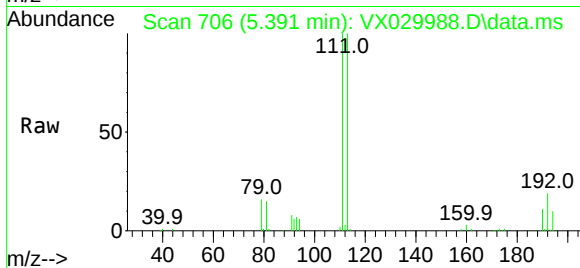
Acq: 11 Jul 2022 11:07

Instrument :

MSVOA_X

ClientSampleId :

VX0711WBL01



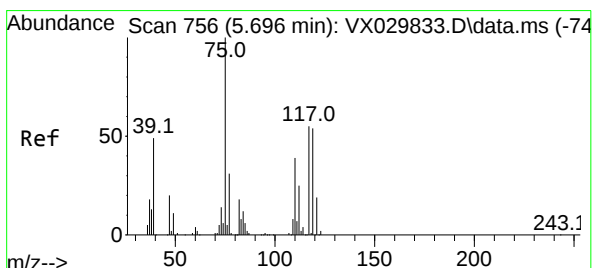
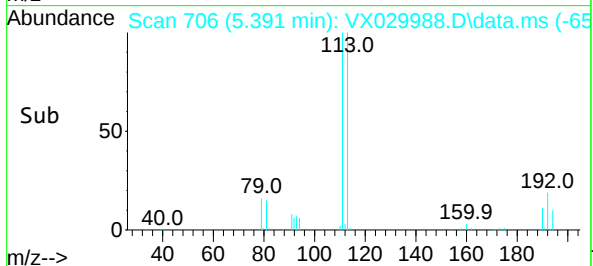
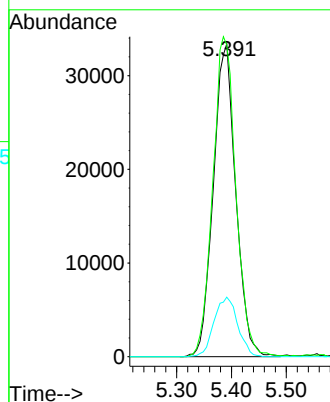
Tgt Ion:113 Resp: 94859

Ion Ratio Lower Upper

113 100

111 105.2 83.2 124.8

192 20.1 14.8 22.2



#36

1,1-Dichloropropene

Concen: 5.003 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.146 min

Lab File: VX029988.D

Acq: 11 Jul 2022 11:07

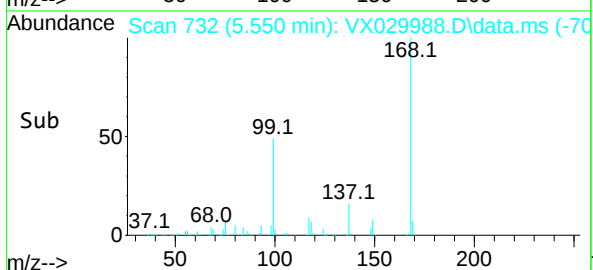
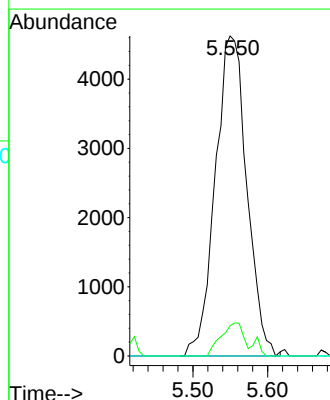
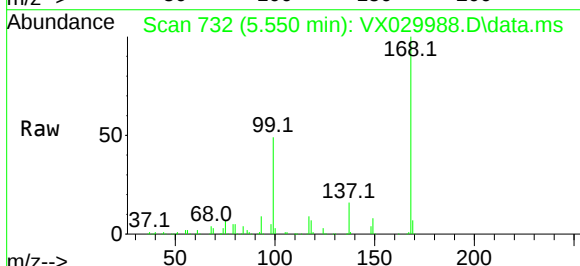
Tgt Ion: 75 Resp: 13574

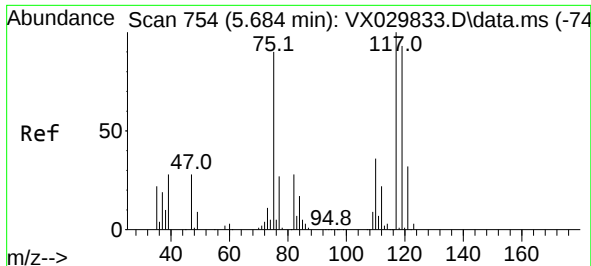
Ion Ratio Lower Upper

75 100

110 8.7 19.3 57.9#

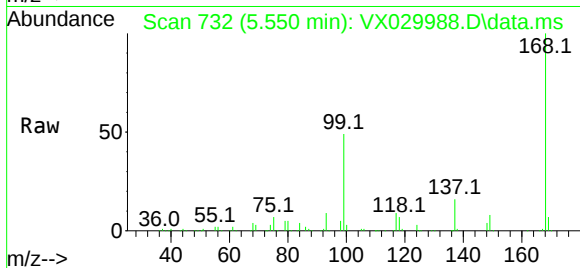
77 0.0 24.4 36.6#



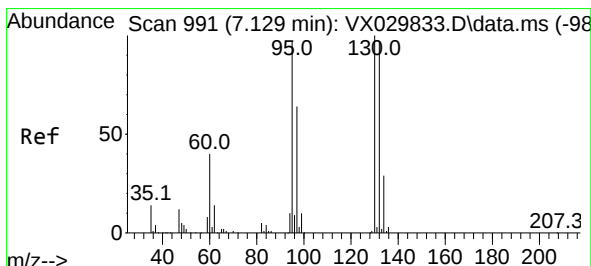
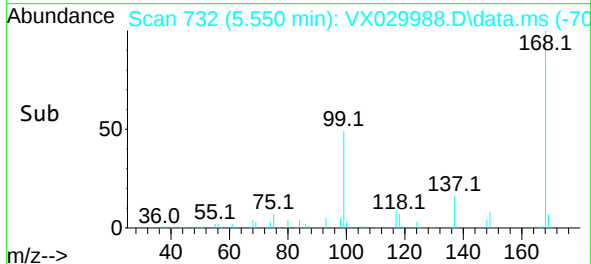
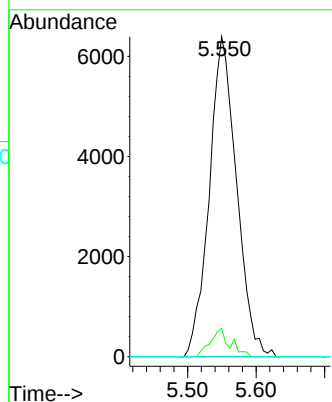


#38
Carbon Tetrachloride
Concen: 7.528 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX029988.D
Acq: 11 Jul 2022 11:07

Instrument :
MSVOA_X
ClientSampleId :
VX0711WBL01

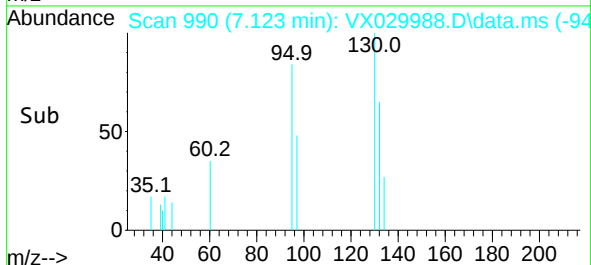
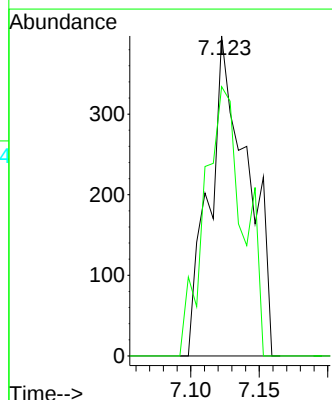
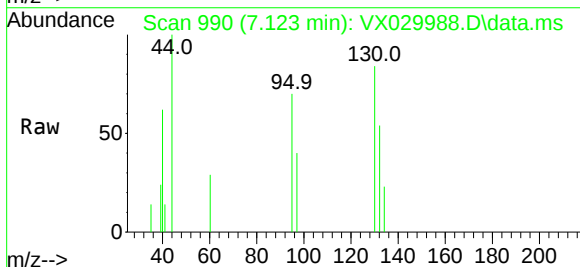


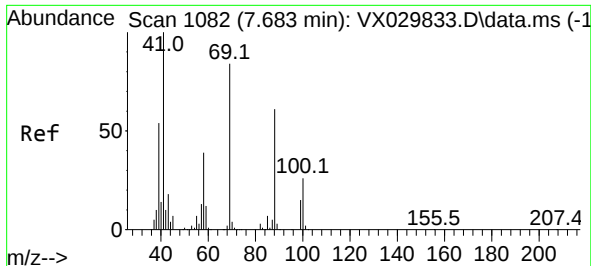
Tgt Ion:117 Resp: 17699
Ion Ratio Lower Upper
117 100
119 8.9 74.1 111.1#
121 0.0 25.8 38.8#



#44
Trichloroethene
Concen: 0.327 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX029988.D
Acq: 11 Jul 2022 11:07

Tgt Ion:130 Resp: 773
Ion Ratio Lower Upper
130 100
95 84.1 0.0 194.8





#49

1,4-Dioxane

Concen: 0.319 ug/l

RT: 7.720 min Scan# 110

Delta R.T. 0.037 min

Lab File: VX029988.D

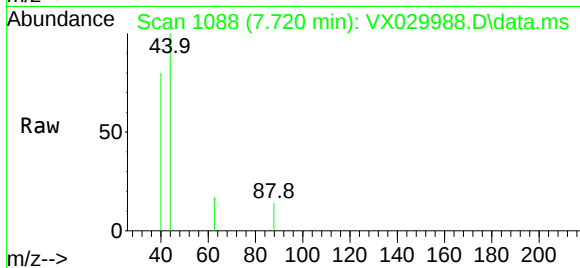
Acq: 11 Jul 2022 11:07

Instrument :

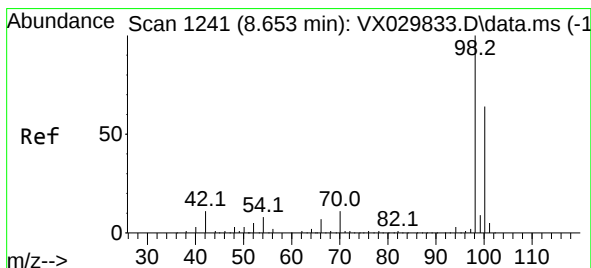
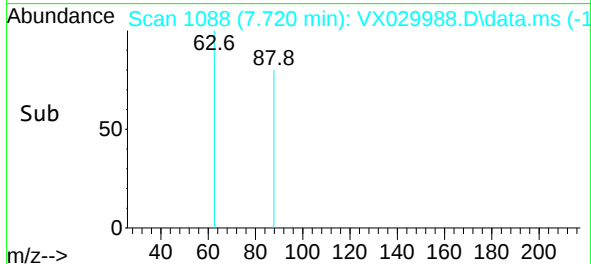
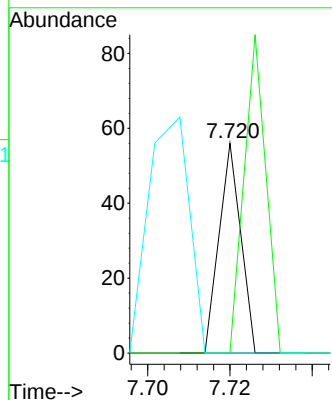
MSVOA_X

ClientSampleId :

VX0711WBL01



Tgt Ion:	88	Resp:	20
Ion	Ratio	Lower	Upper
88	100		
43	155.0	23.8	35.8#
58	220.0	53.8	80.6#



#50

Toluene-d8

Concen: 48.009 ug/l

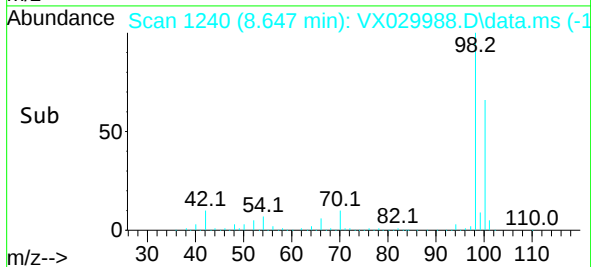
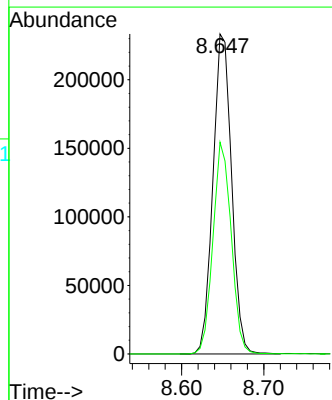
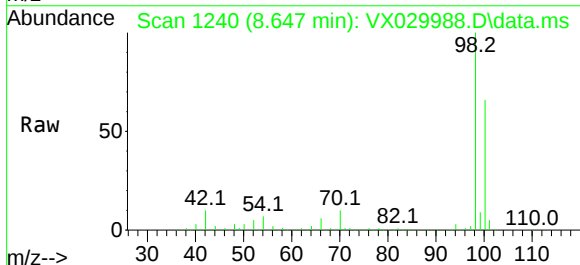
RT: 8.647 min Scan# 1240

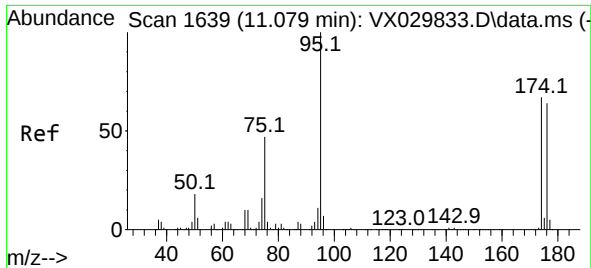
Delta R.T. -0.006 min

Lab File: VX029988.D

Acq: 11 Jul 2022 11:07

Tgt Ion:	98	Resp:	367410
Ion	Ratio	Lower	Upper
98	100		
100	64.8	52.3	78.5

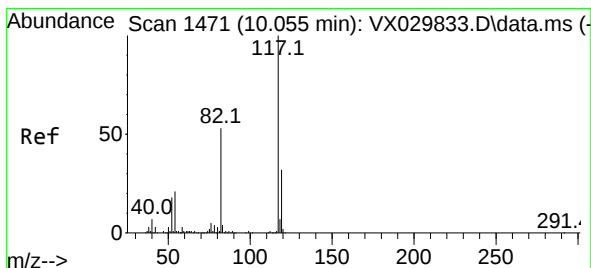
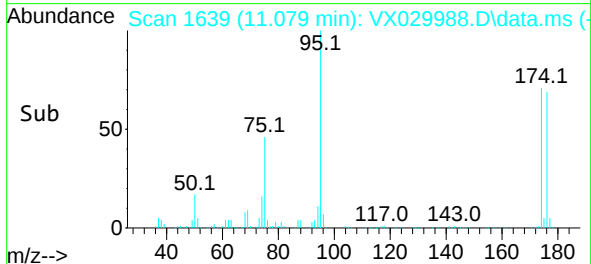
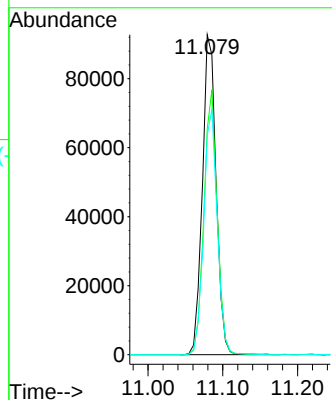
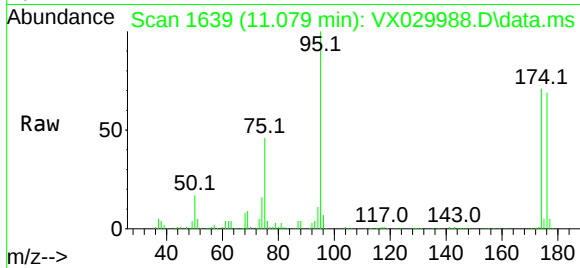




#62
4-Bromofluorobenzene
Concen: 43.667 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX029988.D
Acq: 11 Jul 2022 11:07

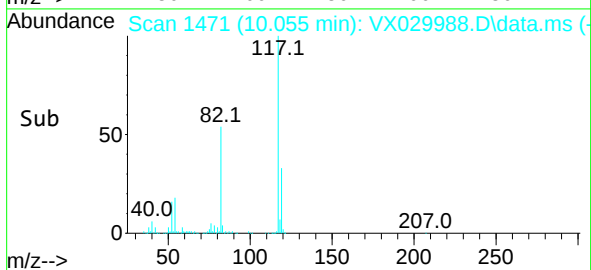
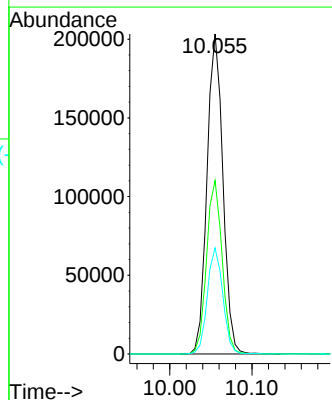
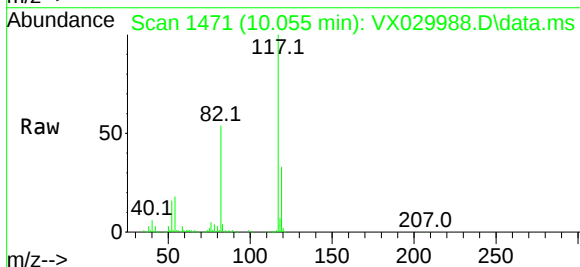
Instrument :
MSVOA_X
ClientSampleId :
VX0711WBL01

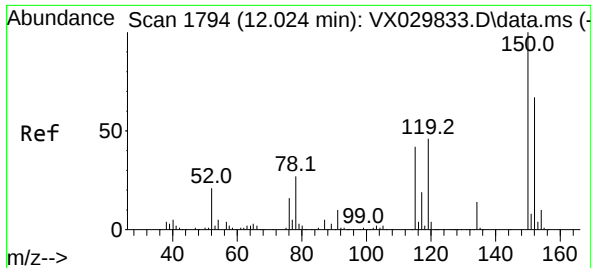
Tgt Ion: 95 Resp: 118128
Ion Ratio Lower Upper
95 100
174 80.2 0.0 149.0
176 75.8 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029988.D
Acq: 11 Jul 2022 11:07

Tgt Ion: 117 Resp: 273360
Ion Ratio Lower Upper
117 100
82 54.2 42.7 64.1
119 33.1 25.4 38.2

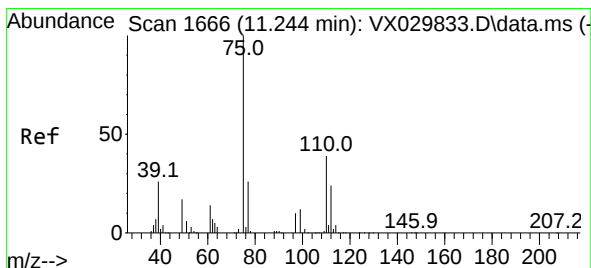
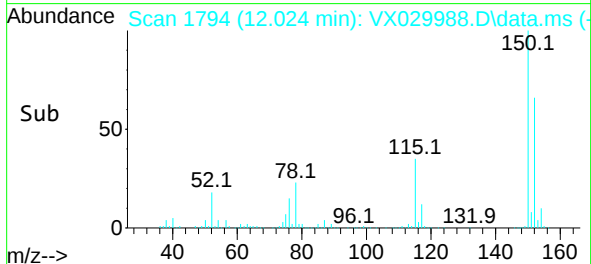
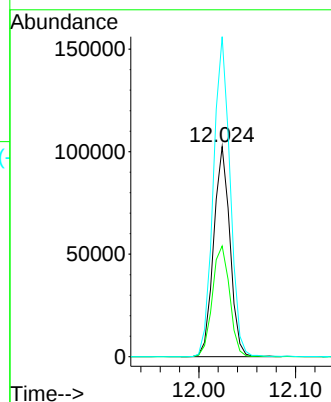
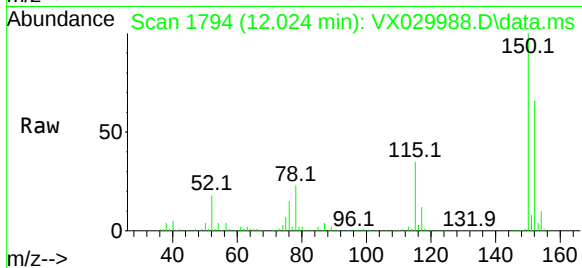




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX029988.D
 Acq: 11 Jul 2022 11:07

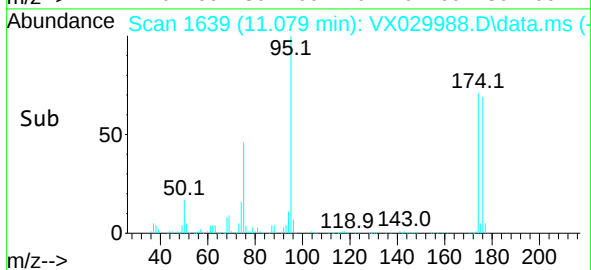
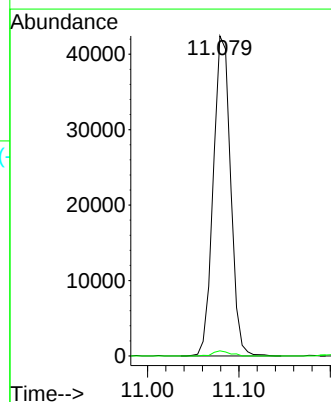
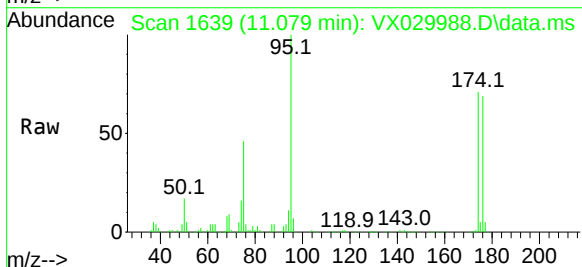
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0711WBL01

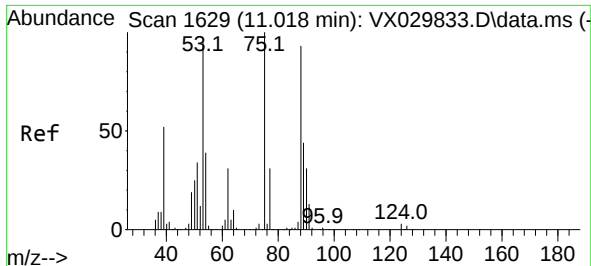
Tgt Ion:152 Resp: 119693
 Ion Ratio Lower Upper
 152 100
 115 56.1 40.5 121.5
 150 156.5 0.0 347.0



#76
 1,2,3-Trichloropropane
 Concen: 19.463 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX029988.D
 Acq: 11 Jul 2022 11:07

Tgt Ion: 75 Resp: 55768
 Ion Ratio Lower Upper
 75 100
 77 1.6 19.8 59.3#

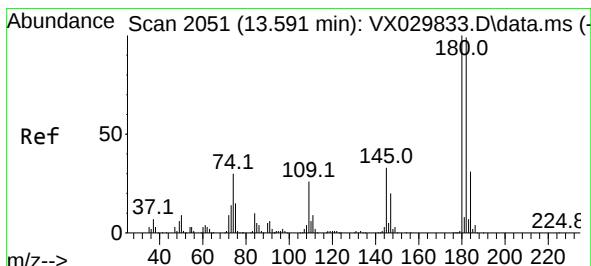
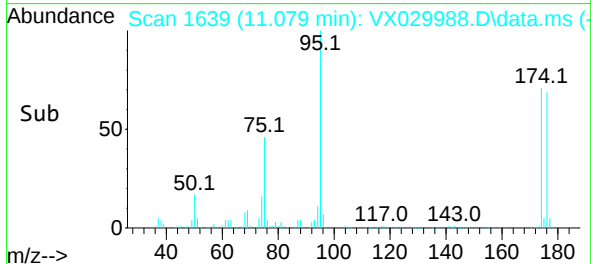
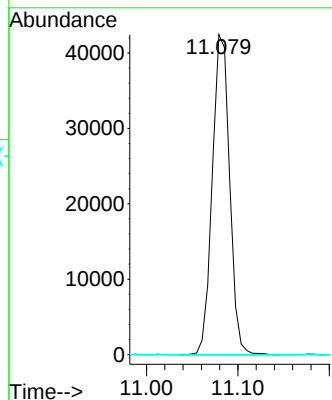
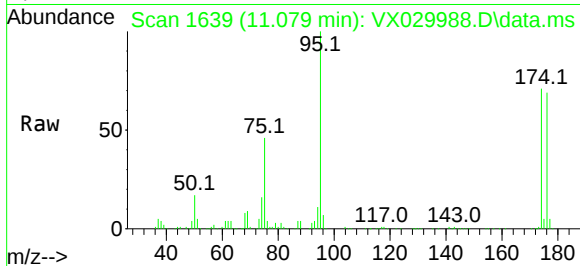




#81
trans-1,4-Dichloro-2-butene
Concen: 61.811 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX029988.D
Acq: 11 Jul 2022 11:07

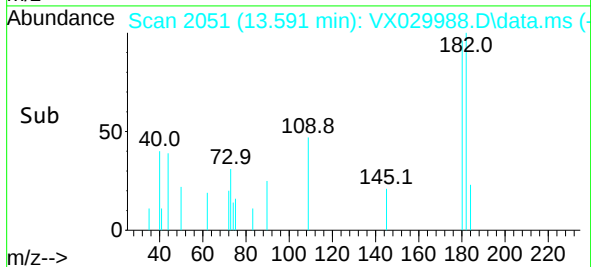
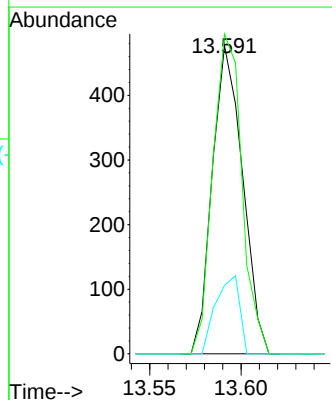
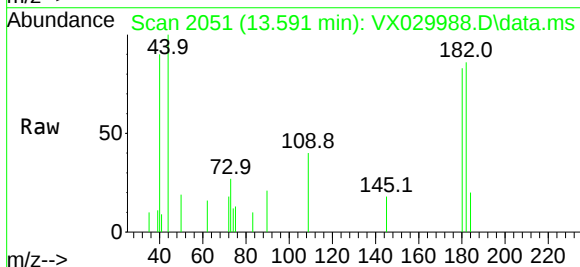
Instrument :
MSVOA_X
ClientSampleId :
VX0711WBL01

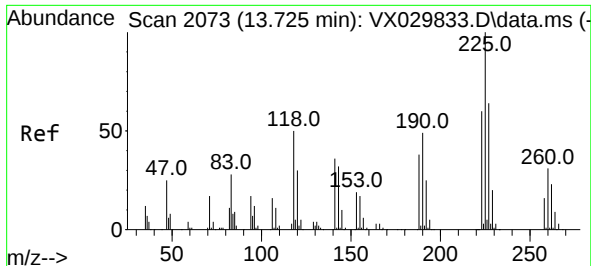
Tgt Ion: 75 Resp: 55768
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.0 34.8 52.2#



#93
1,2,4-Trichlorobenzene
Concen: 0.231 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX029988.D
Acq: 11 Jul 2022 11:07

Tgt Ion:180 Resp: 549
Ion Ratio Lower Upper
180 100
182 99.8 48.2 144.6
145 19.9 15.9 47.6





#94

Hexachlorobutadiene

Concen: 0.481 ug/l

RT: 13.725 min Scan# 20

Delta R.T. -0.000 min

Lab File: VX029988.D

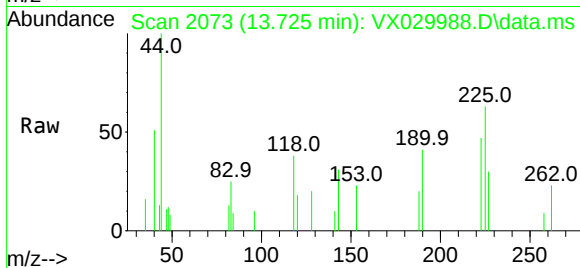
Acq: 11 Jul 2022 11:07

Instrument :

MSVOA_X

ClientSampleId :

VX0711WBL01



Tgt Ion:	225	Resp:	424
Ion	Ratio	Lower	Upper
225	100		
223	59.0	30.6	91.6
227	71.2	31.9	95.9

