

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062022\
 Data File : VX029630.D
 Acq On : 20 Jun 2022 17:59
 Operator : JC/MD
 Sample : N3166-29
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PDB-BLANK-20220601

Quant Time: Jun 21 01:52:43 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)

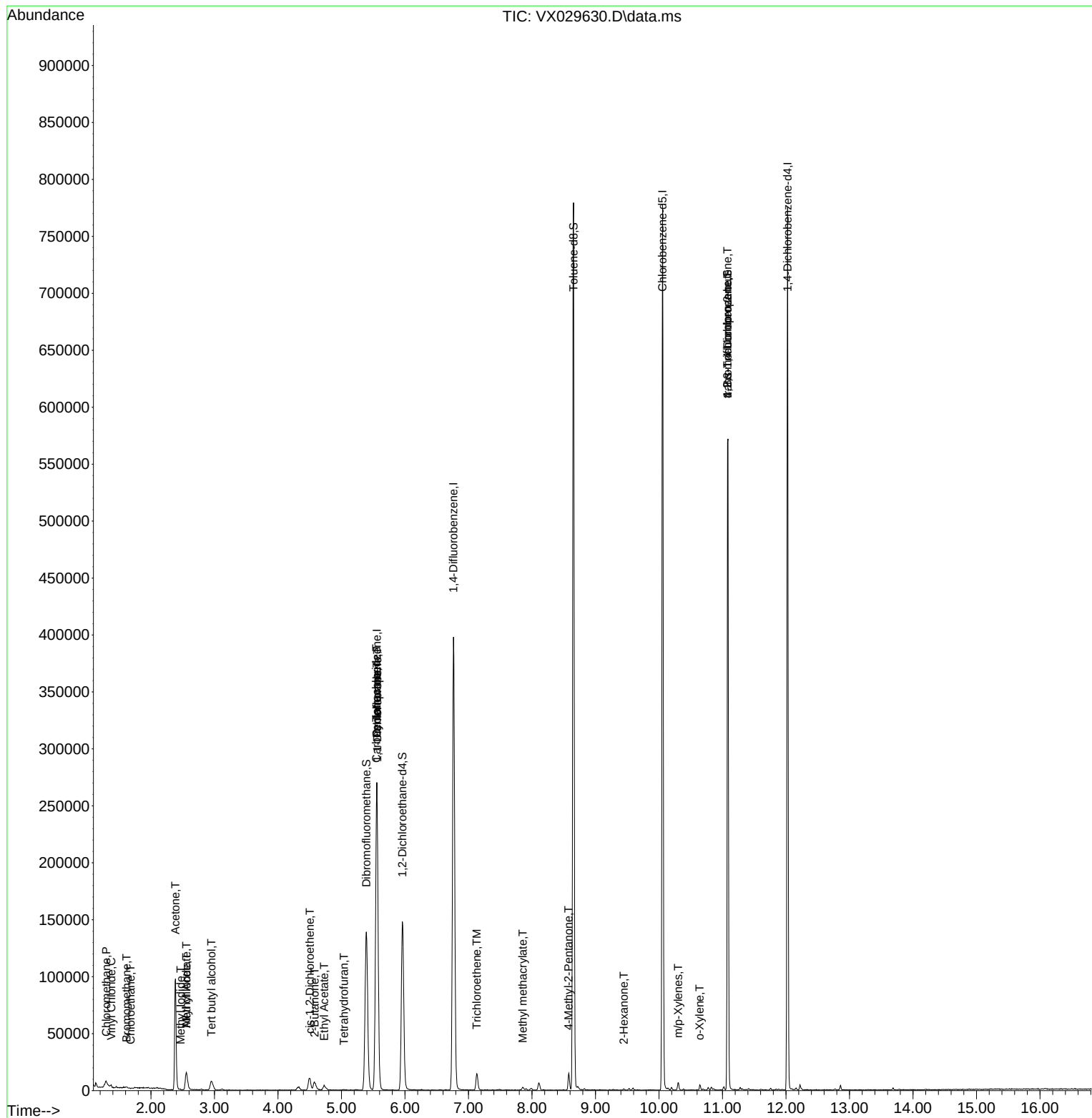
Internal Standards						
1) Pentafluorobenzene	5.556	168	252099	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	425814	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	367404	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	156024	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	142079	42.576	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	85.160%
35) Dibromofluoromethane	5.391	113	125206	45.120	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.240%
50) Toluene-d8	8.653	98	483558	47.700	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.400%
62) 4-Bromofluorobenzene	11.079	95	171994	44.990	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.980%
Target Compounds						
					Qvalue	
3) Chloromethane	1.295	50	1219	0.371	ug/l	94
4) Vinyl Chloride	1.374	62	1161	0.383	ug/l	94
5) Bromomethane	1.618	94	591	0.383	ug/l	98
6) Chloroethane	1.679	64	241	1.392	ug/l #	43
10) Methyl Iodide	2.465	142	283	3.106	ug/l #	49
11) Tert butyl alcohol	2.953	59	9126	3.422	ug/l #	89
14) Allyl chloride	2.557	41	2387	0.579	ug/l #	64
16) Acetone	2.386	43	102468	77.036	ug/l	98
18) Methyl Acetate	2.557	43	5998	1.706	ug/l #	46
25) 2-Butanone	4.574	43	10577	5.031	ug/l	92
27) cis-1,2-Dichloroethene	4.501	96	7481	2.294	ug/l	87
29) Tetrahydrofuran	5.038	42	530	0.378	ug/l #	38
31) Cyclohexane	5.556	56	4491	1.002	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	19086	5.082	ug/l #	50
37) Ethyl Acetate	4.727	43	6622	1.720	ug/l	95
38) Carbon Tetrachloride	5.550	117	26184	7.089	ug/l #	16
44) Trichloroethene	7.129	130	6255	0.873	ug/l	99
48) Methyl methacrylate	7.854	41	1094	0.373	ug/l #	24
51) 4-Methyl-2-Pentanone	8.574	43	8785	2.277	ug/l	98
59) 2-Hexanone	9.446	43	721	0.247	ug/l	88
68) m/p-Xylenes	10.299	106	1619	0.320	ug/l	82
69) o-Xylene	10.640	106	1021	0.204	ug/l	65
76) 1,2,3-Trichloropropane	11.079	75	81737	24.048	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	81737	80.000	ug/l #	15

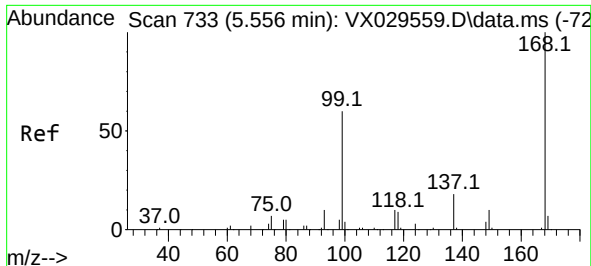
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Jun 20 01:31:01 2022
Response via : Initial Calibration

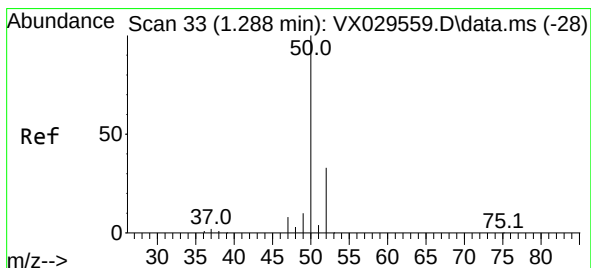
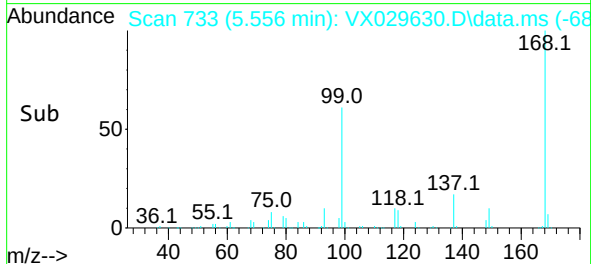
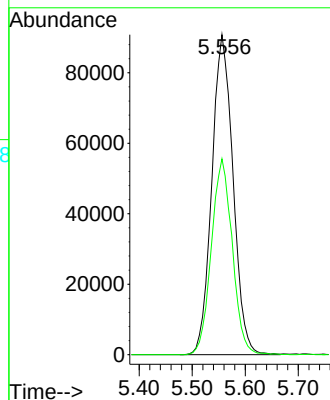
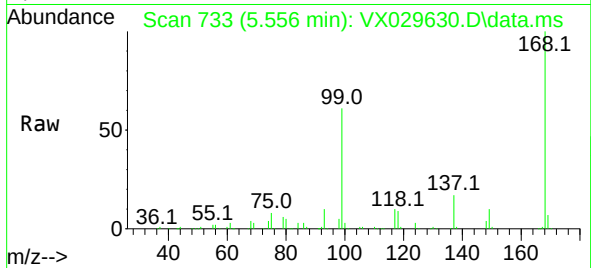




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029630.D
Acq: 20 Jun 2022 17:59

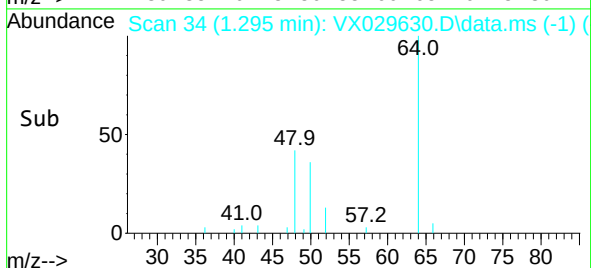
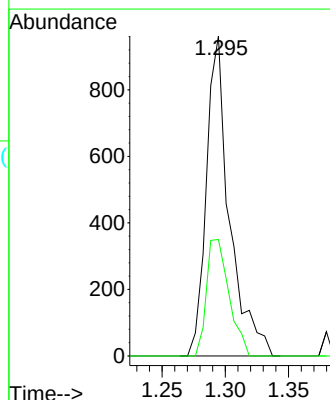
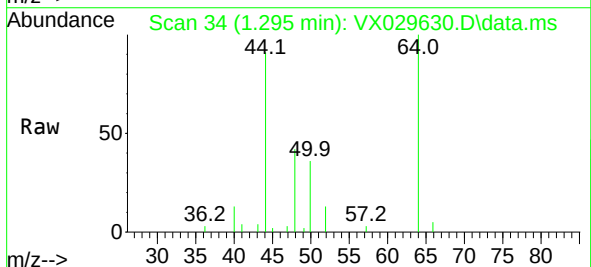
Instrument :
MSVOA_X
ClientSampleId :
PDB-BLANK-20220601

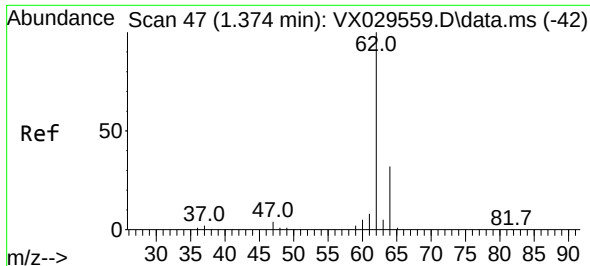
Tgt Ion:168 Resp: 252099
Ion Ratio Lower Upper
168 100
99 61.2 41.7 62.5



#3
Chloromethane
Concen: 0.371 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.007 min
Lab File: VX029630.D
Acq: 20 Jun 2022 17:59

Tgt Ion: 50 Resp: 1219
Ion Ratio Lower Upper
50 100
52 36.4 26.4 39.6

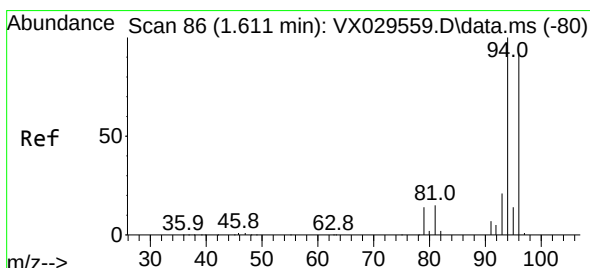
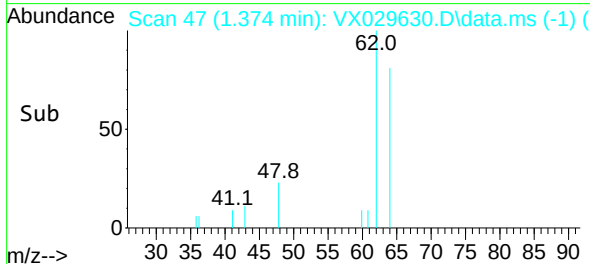
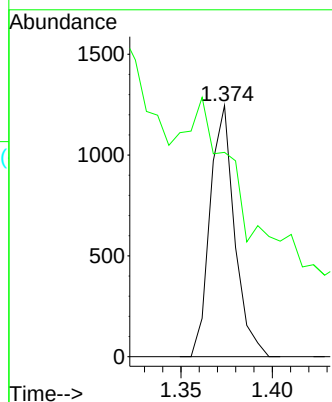
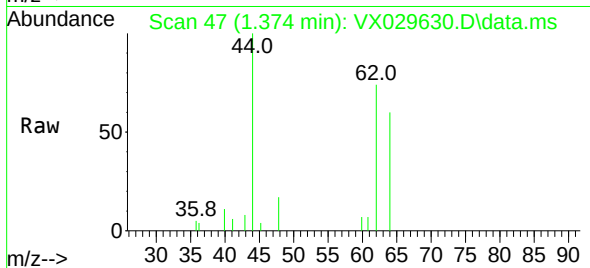




#4
 Vinyl Chloride
 Concen: 0.383 ug/l
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX029630.D
 Acq: 20 Jun 2022 17:59

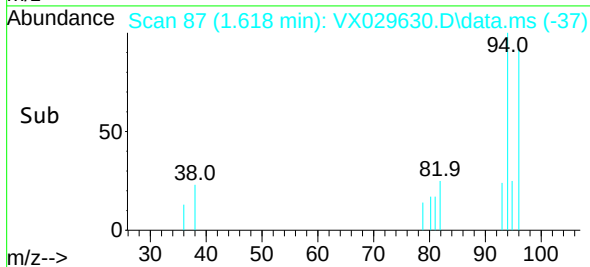
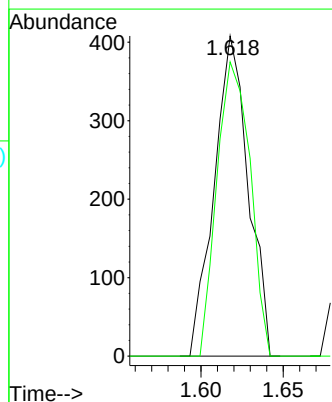
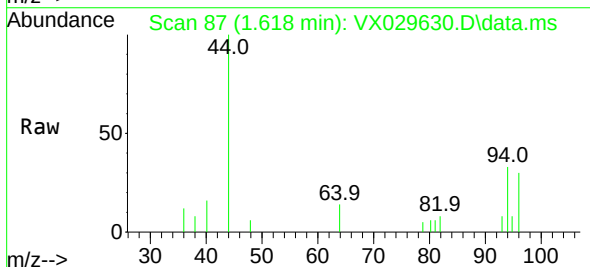
Instrument :
 MSVOA_X
 ClientSampleId :
 PDB-BLANK-20220601

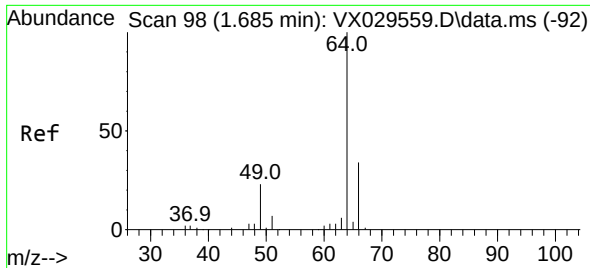
Tgt Ion: 62 Resp: 1161
 Ion Ratio Lower Upper
 62 100
 64 35.3 25.5 38.3



#5
 Bromomethane
 Concen: 0.383 ug/l
 RT: 1.618 min Scan# 87
 Delta R.T. 0.007 min
 Lab File: VX029630.D
 Acq: 20 Jun 2022 17:59

Tgt Ion: 94 Resp: 591
 Ion Ratio Lower Upper
 94 100
 96 91.9 75.3 112.9

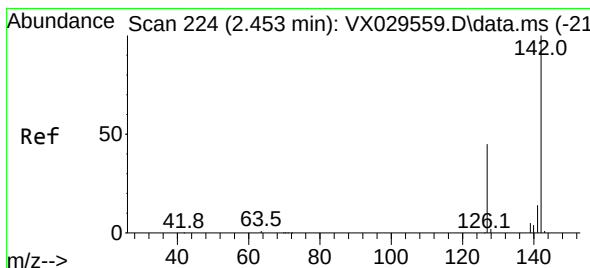
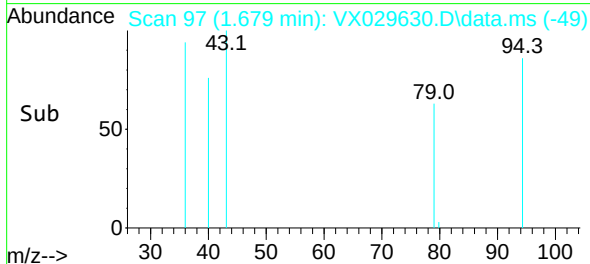
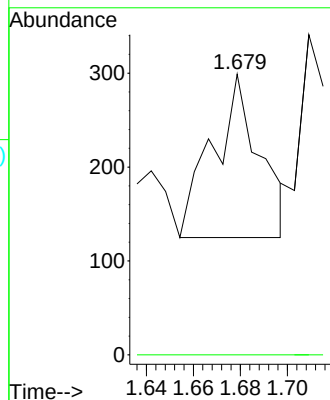
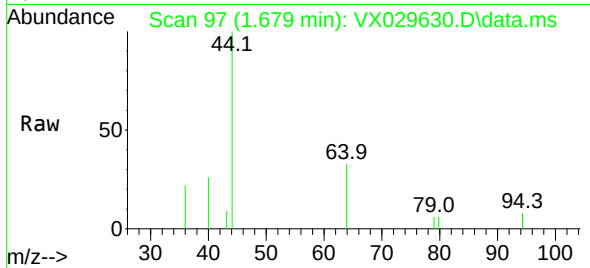




#6
Chloroethane
Concen: 1.392 ug/l
RT: 1.679 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX029630.D
Acq: 20 Jun 2022 17:59

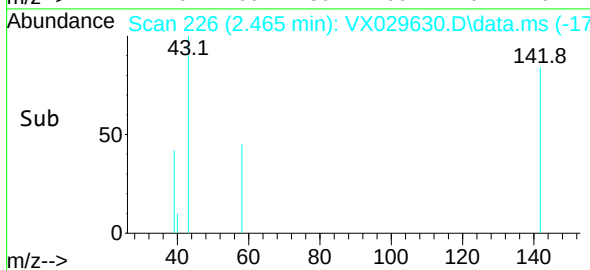
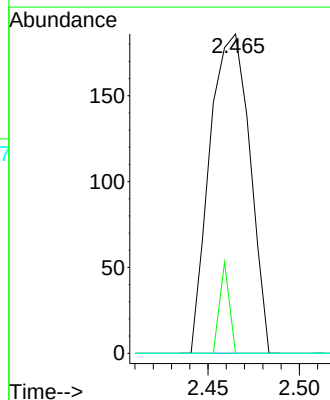
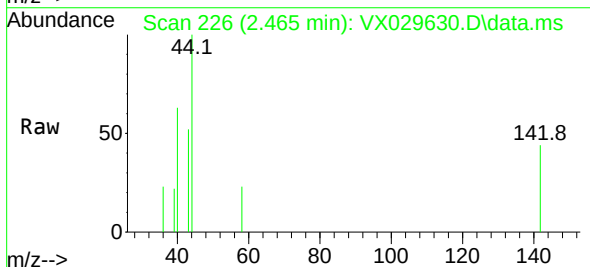
Instrument :
MSVOA_X
ClientSampleId :
PDB-BLANK-20220601

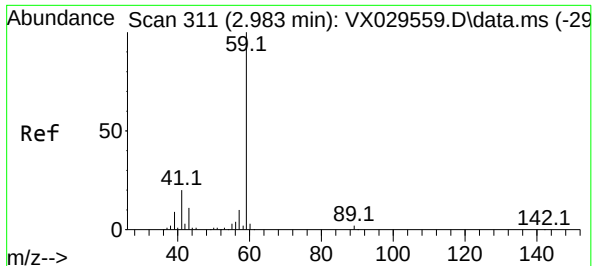
Tgt Ion: 64 Resp: 241
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



#10
Methyl Iodide
Concen: 3.106 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX029630.D
Acq: 20 Jun 2022 17:59

Tgt Ion: 142 Resp: 283
Ion Ratio Lower Upper
142 100
127 6.7 33.9 50.9#
141 0.0 11.4 17.2#





#11

Tert butyl alcohol

Concen: 3.422 ug/l

RT: 2.953 min Scan# 306

Delta R.T. -0.030 min

Lab File: VX029630.D

Acq: 20 Jun 2022 17:59

Instrument :

MSVOA_X

ClientSampleId :

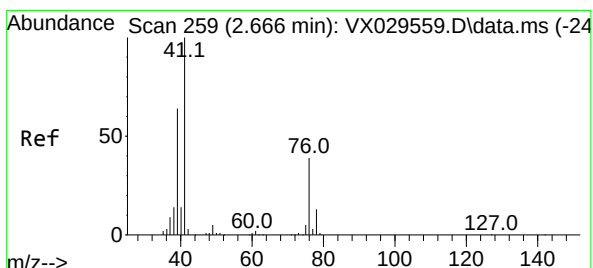
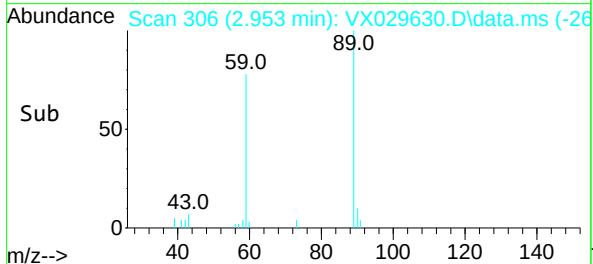
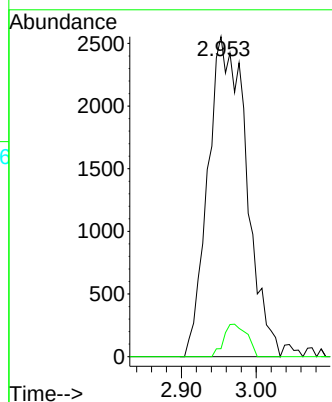
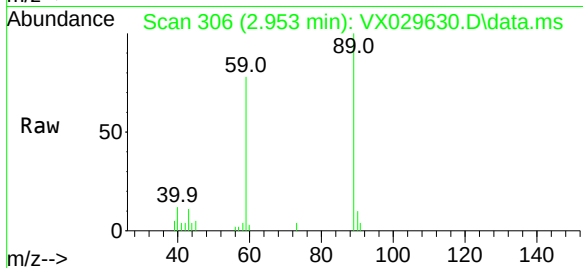
PDB-BLANK-20220601

Tgt Ion: 59 Resp: 9126

Ion Ratio Lower Upper

59 100

57 6.1 8.3 12.5#



#14

Allyl chloride

Concen: 0.579 ug/l

RT: 2.557 min Scan# 241

Delta R.T. -0.109 min

Lab File: VX029630.D

Acq: 20 Jun 2022 17:59

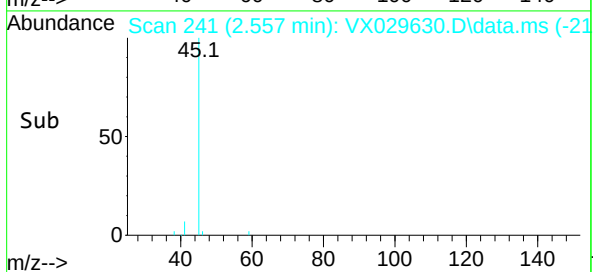
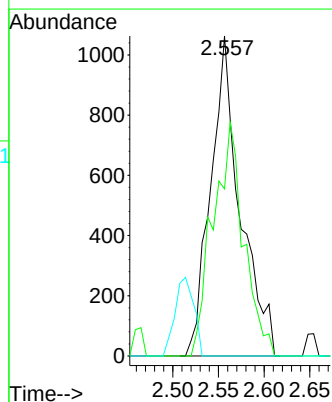
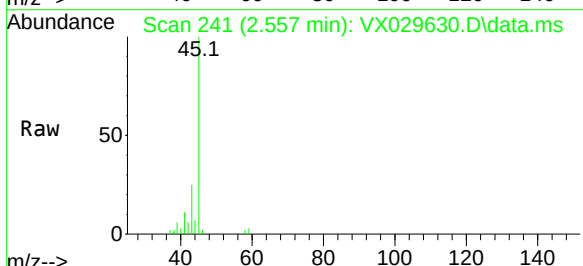
Tgt Ion: 41 Resp: 2387

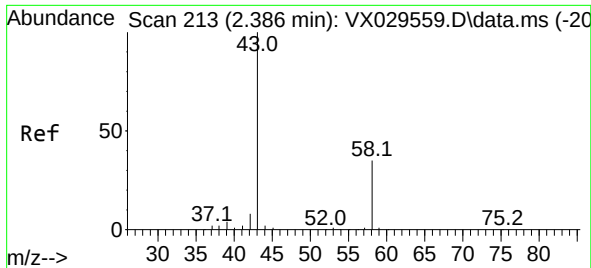
Ion Ratio Lower Upper

41 100

39 75.7 50.4 75.6#

76 0.0 32.7 49.1#

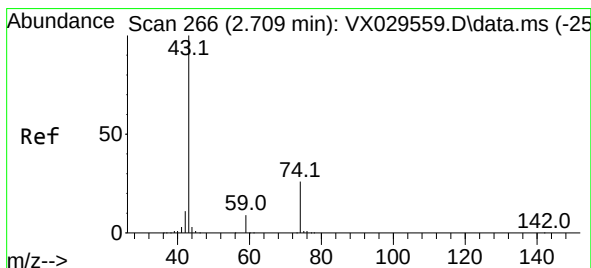
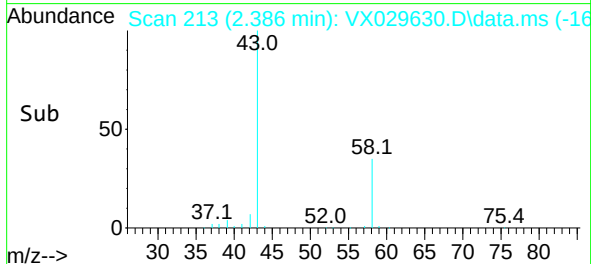
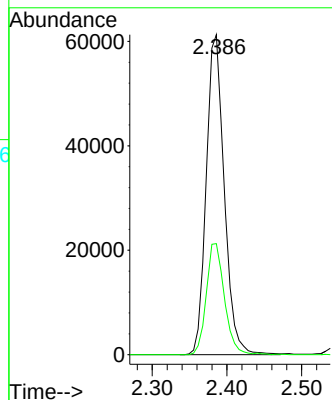
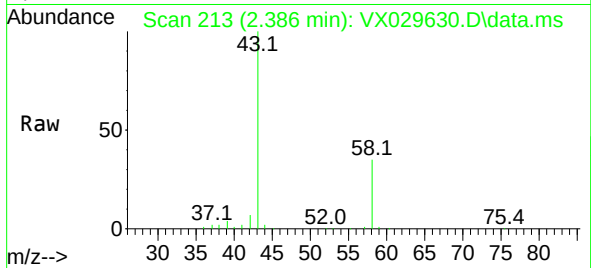




#16
Acetone
Concen: 77.036 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX029630.D
Acq: 20 Jun 2022 17:59

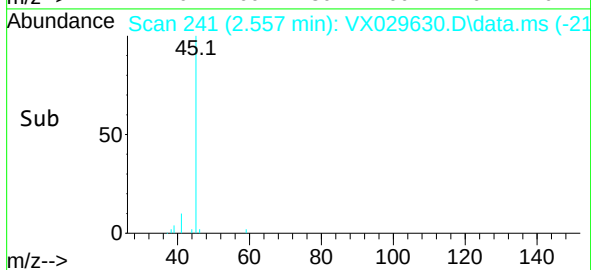
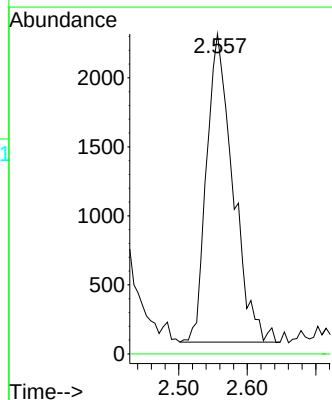
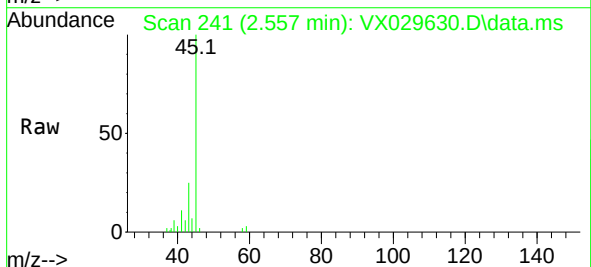
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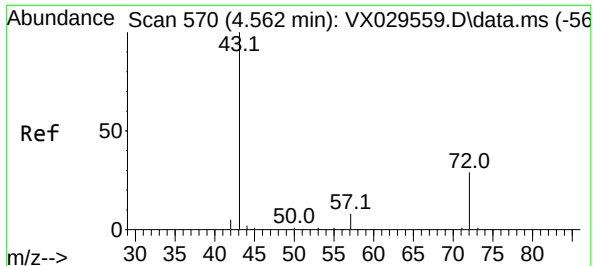
Tgt Ion: 43 Resp: 102468
Ion Ratio Lower Upper
43 100
58 34.7 28.8 43.2



#18
Methyl Acetate
Concen: 1.706 ug/l
RT: 2.557 min Scan# 241
Delta R.T. -0.152 min
Lab File: VX029630.D
Acq: 20 Jun 2022 17:59

Tgt Ion: 43 Resp: 5998
Ion Ratio Lower Upper
43 100
74 0.0 22.8 34.2#

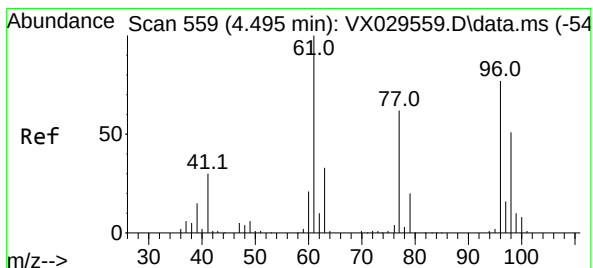
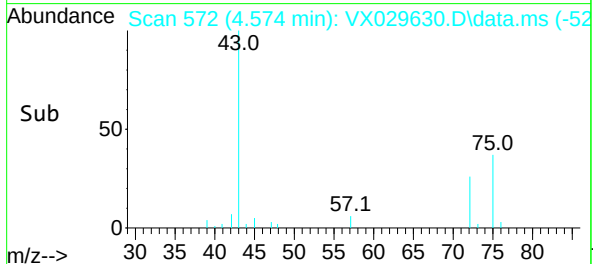
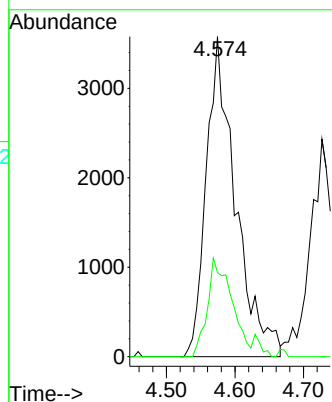
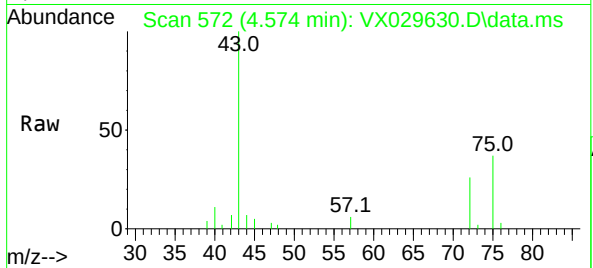




#25
2-Butanone
Concen: 5.031 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX029630.D
Acq: 20 Jun 2022 17:59

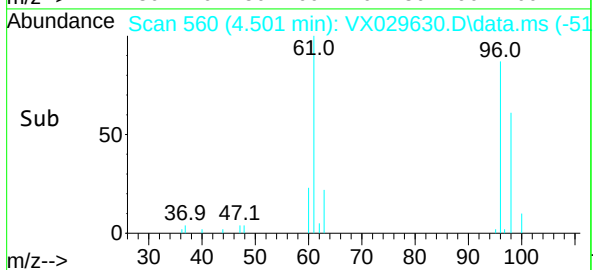
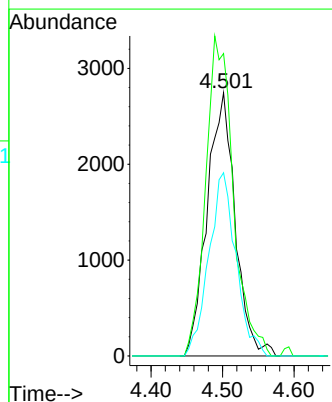
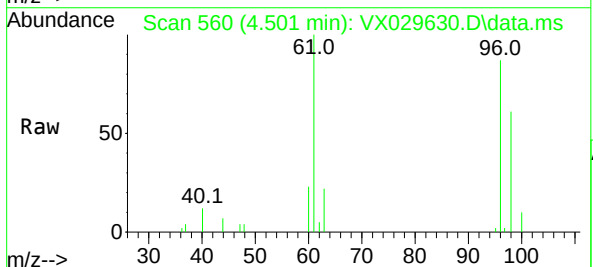
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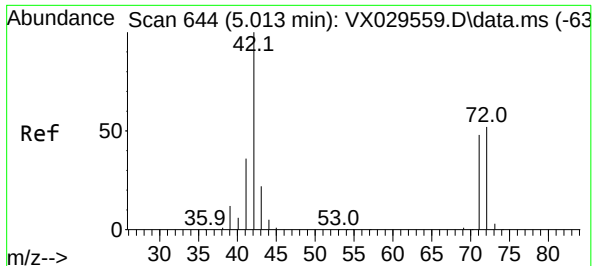
Tgt Ion: 43 Resp: 10577
Ion Ratio Lower Upper
43 100
72 26.3 24.4 36.6



#27
cis-1,2-Dichloroethene
Concen: 2.294 ug/l
RT: 4.501 min Scan# 560
Delta R.T. 0.006 min
Lab File: VX029630.D
Acq: 20 Jun 2022 17:59

Tgt Ion: 96 Resp: 7481
Ion Ratio Lower Upper
96 100
61 119.7 0.0 283.8
98 67.5 0.0 129.8





#29

Tetrahydrofuran

Concen: 0.378 ug/l

RT: 5.038 min Scan# 64

Delta R.T. 0.025 min

Lab File: VX029630.D

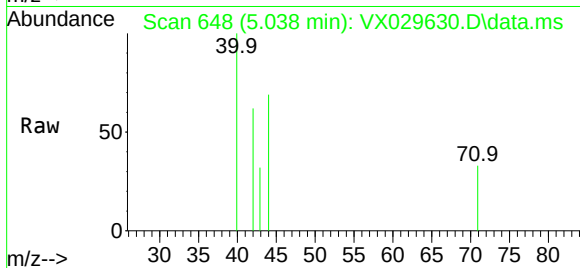
Acq: 20 Jun 2022 17:59

Instrument :

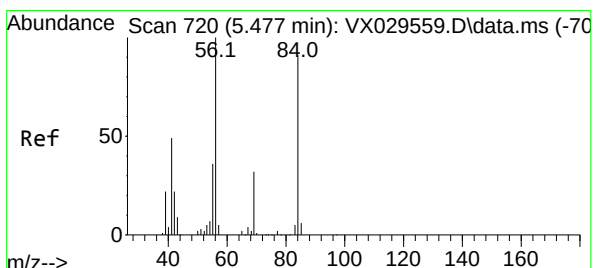
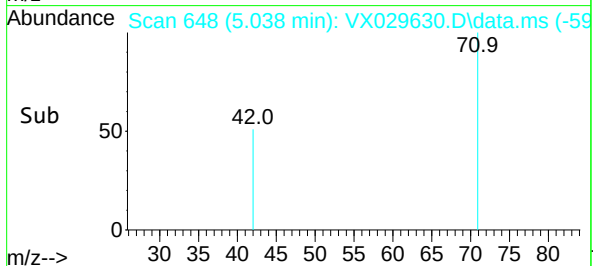
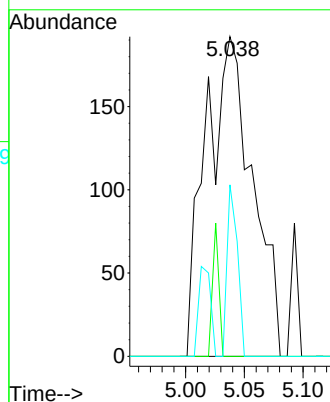
MSVOA_X

ClientSampleId :

PDB-BLANK-20220601



Tgt Ion:	42	Resp:	530
Ion	Ratio	Lower	Upper
42	100		
72	5.5	44.1	66.1#
71	11.9	40.5	60.7#



#31

Cyclohexane

Concen: 1.002 ug/l

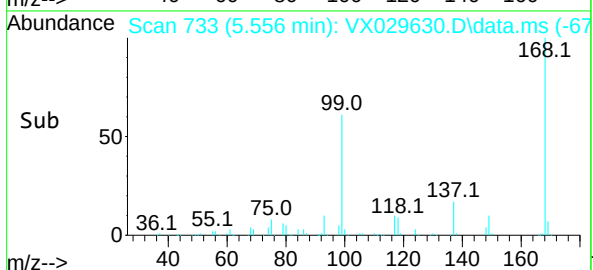
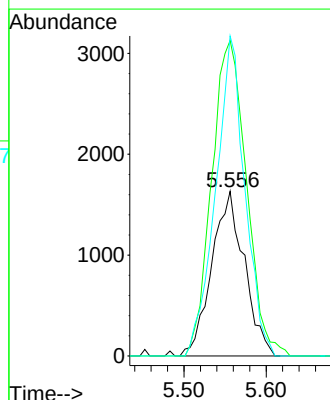
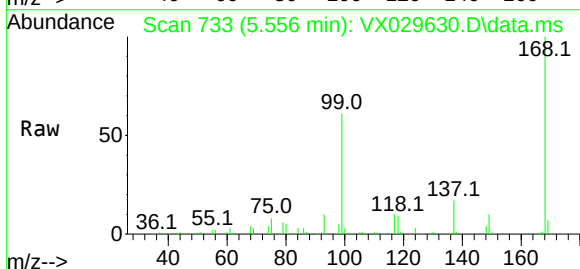
RT: 5.556 min Scan# 733

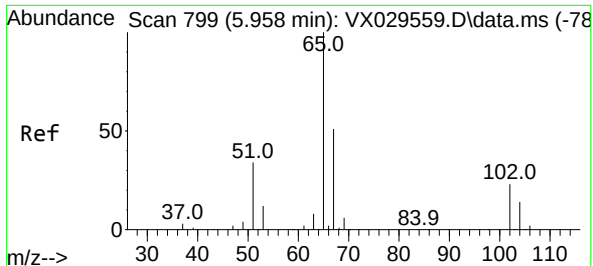
Delta R.T. 0.079 min

Lab File: VX029630.D

Acq: 20 Jun 2022 17:59

Tgt Ion:	56	Resp:	4491
Ion	Ratio	Lower	Upper
56	100		
69	191.7	26.7	40.1#
84	194.4	77.2	115.8#





#33

1,2-Dichloroethane-d4

Concen: 42.576 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX029630.D

Acq: 20 Jun 2022 17:59

Instrument :

MSVOA_X

ClientSampleId :

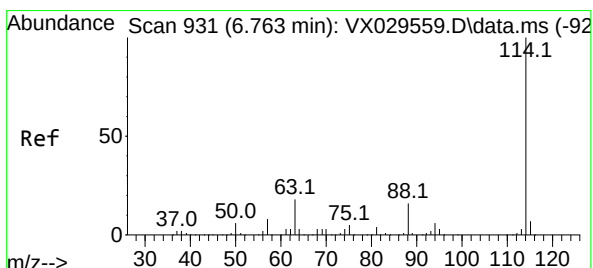
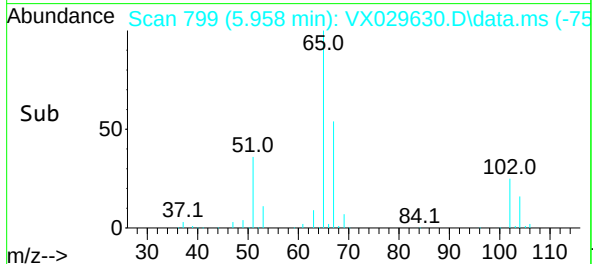
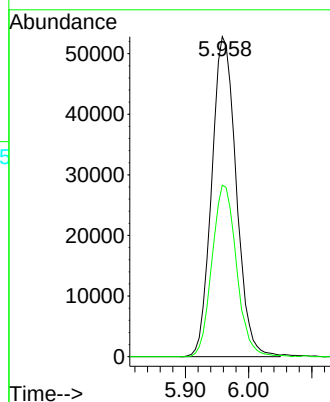
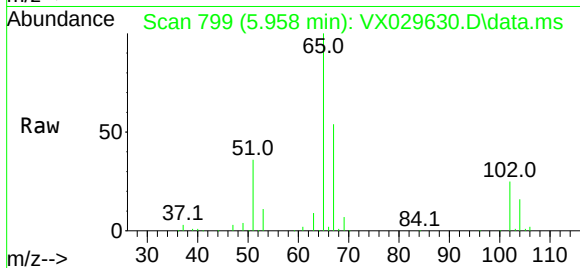
PDB-BLANK-20220601

Tgt Ion: 65 Resp: 142079

Ion Ratio Lower Upper

65 100

67 53.5 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: VX029630.D

Acq: 20 Jun 2022 17:59

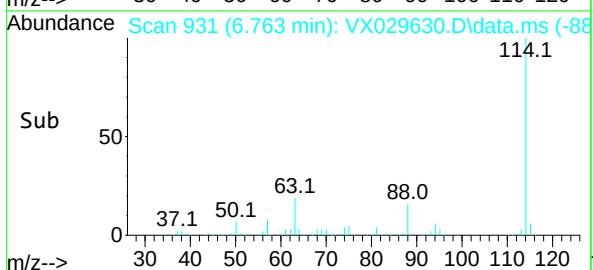
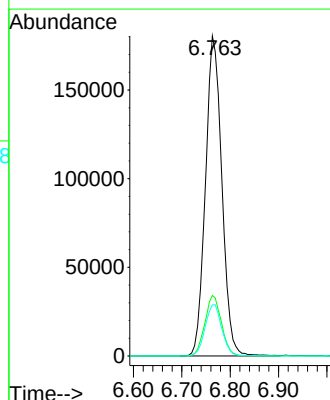
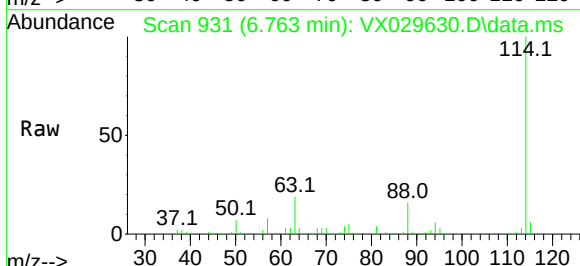
Tgt Ion: 114 Resp: 425814

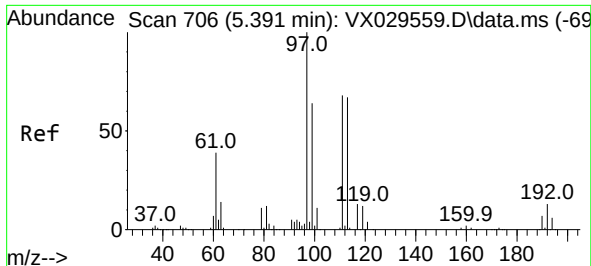
Ion Ratio Lower Upper

114 100

63 18.9 0.0 36.8

88 16.0 0.0 32.4





#35

Dibromofluoromethane

Concen: 45.120 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX029630.D

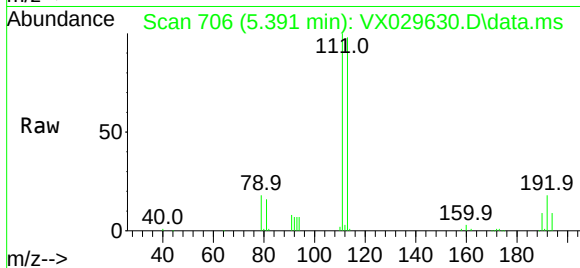
Acq: 20 Jun 2022 17:59

Instrument :

MSVOA_X

ClientSampleId :

PDB-BLANK-20220601



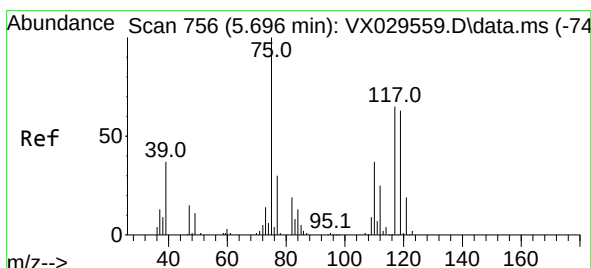
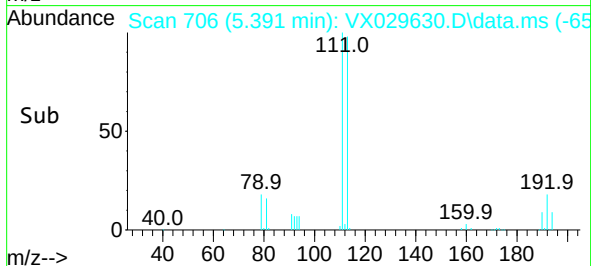
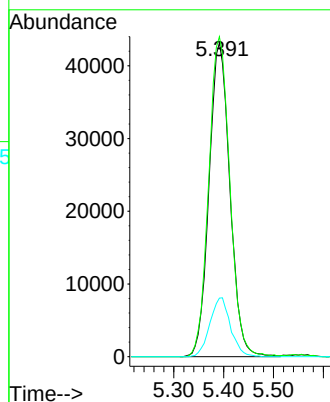
Tgt Ion:113 Resp: 125206

Ion Ratio Lower Upper

113 100

111 103.5 82.8 124.2

192 18.6 16.9 25.3



#36

1,1-Dichloropropene

Concen: 5.082 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.134 min

Lab File: VX029630.D

Acq: 20 Jun 2022 17:59

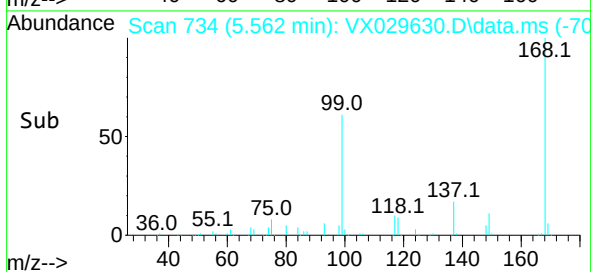
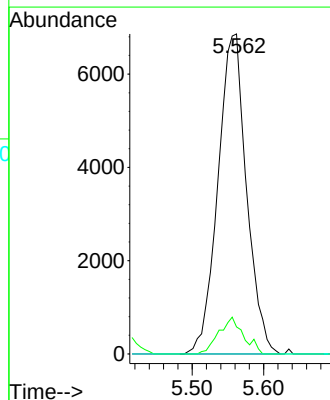
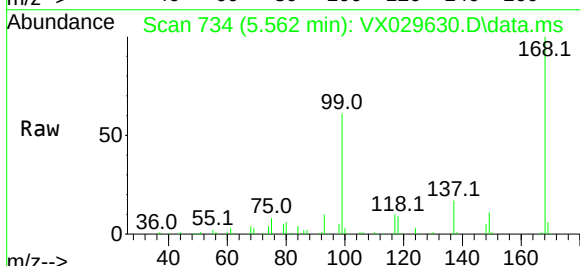
Tgt Ion: 75 Resp: 19086

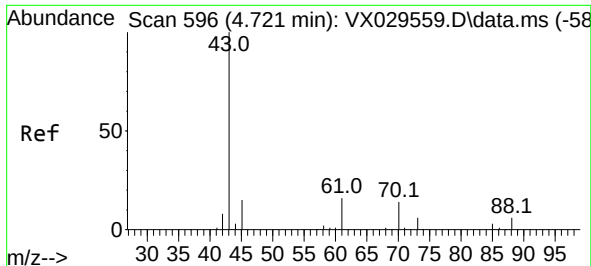
Ion Ratio Lower Upper

75 100

110 9.9 18.3 54.8#

77 0.0 24.8 37.2#





#37

Ethyl Acetate

Concen: 1.720 ug/l

RT: 4.727 min Scan# 596

Delta R.T. 0.006 min

Lab File: VX029630.D

Acq: 20 Jun 2022 17:59

Instrument :

MSVOA_X

ClientSampleId :

PDB-BLANK-20220601

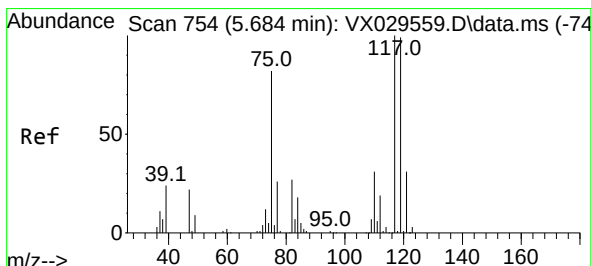
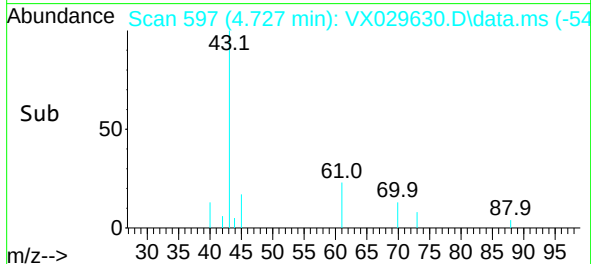
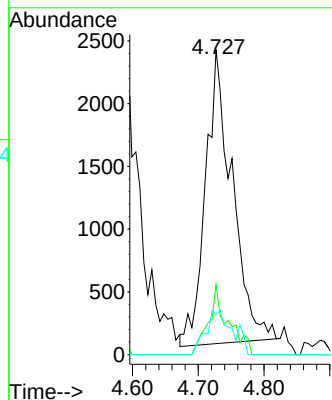
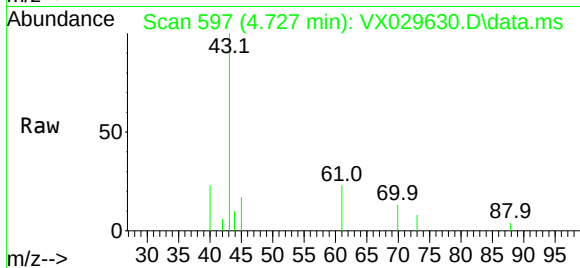
Tgt Ion: 43 Resp: 6622

Ion Ratio Lower Upper

43 100

61 17.6 12.6 19.0

70 15.1 10.2 15.2



#38

Carbon Tetrachloride

Concen: 7.089 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.134 min

Lab File: VX029630.D

Acq: 20 Jun 2022 17:59

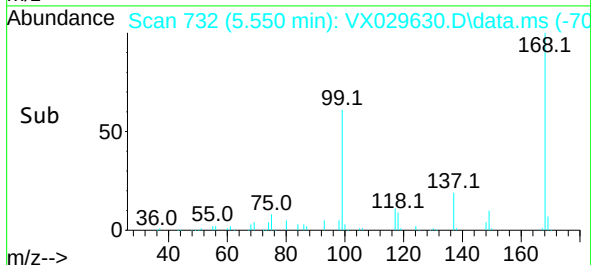
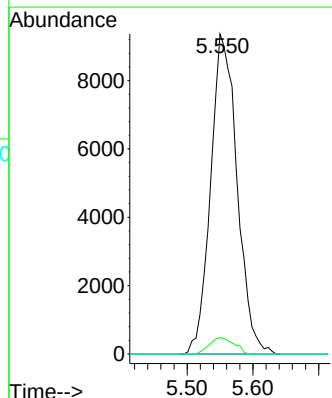
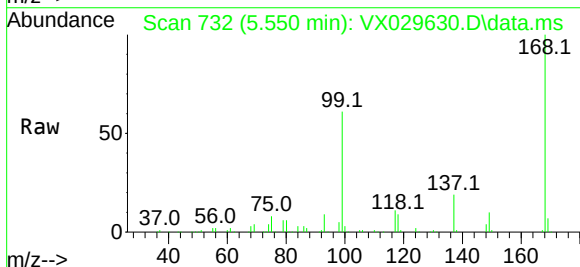
Tgt Ion: 117 Resp: 26184

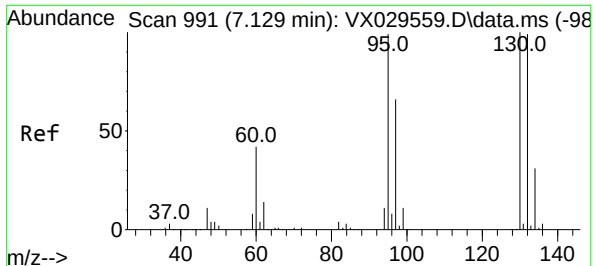
Ion Ratio Lower Upper

117 100

119 5.1 77.3 115.9#

121 0.0 24.2 36.2#

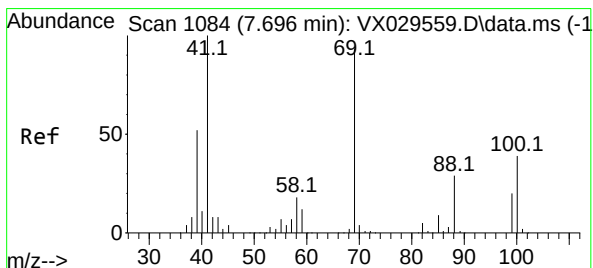
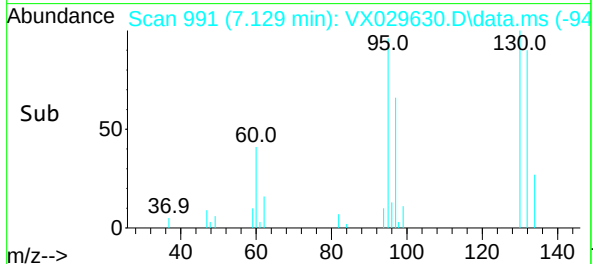
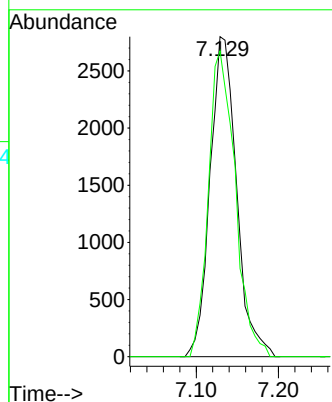
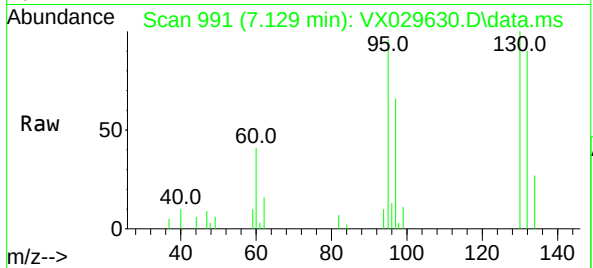




#44
Trichloroethene
Concen: 0.873 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX029630.D
Acq: 20 Jun 2022 17:59

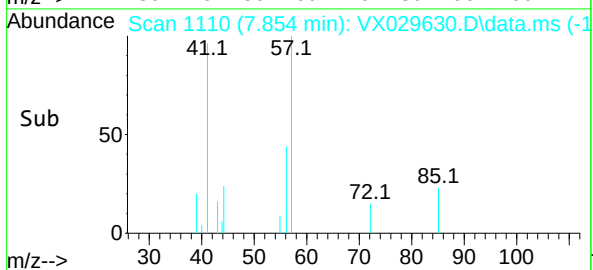
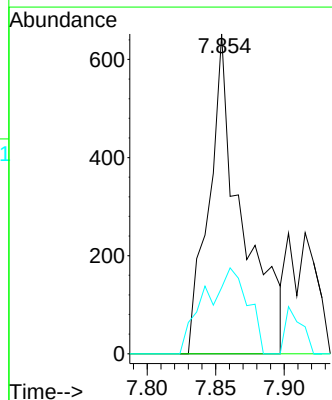
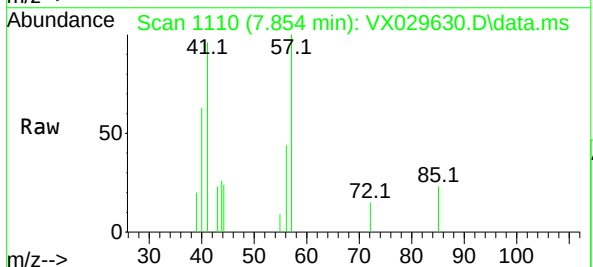
Instrument :
MSVOA_X
ClientSampleId :
PDB-BLANK-20220601

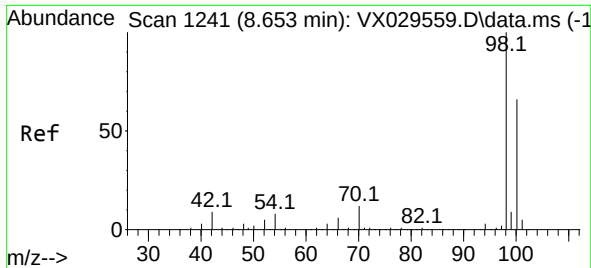
Tgt Ion:130 Resp: 6255
Ion Ratio Lower Upper
130 100
95 95.6 0.0 188.8



#48
Methyl methacrylate
Concen: 0.373 ug/l
RT: 7.854 min Scan# 1110
Delta R.T. 0.158 min
Lab File: VX029630.D
Acq: 20 Jun 2022 17:59

Tgt Ion: 41 Resp: 1094
Ion Ratio Lower Upper
41 100
69 0.0 82.5 123.7#
39 35.1 43.8 65.8#

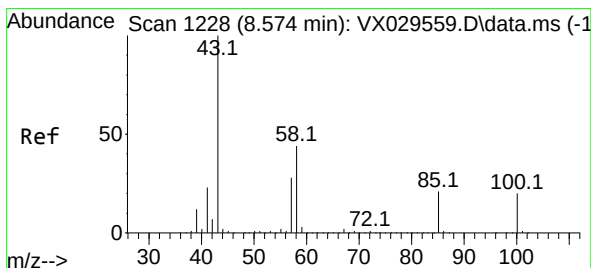
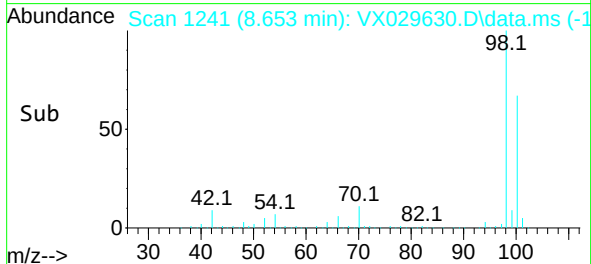
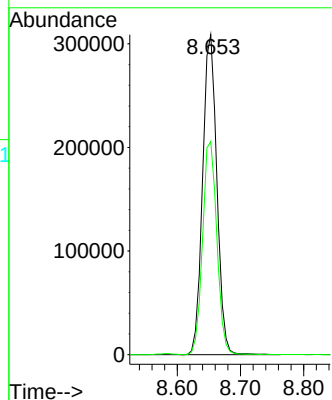
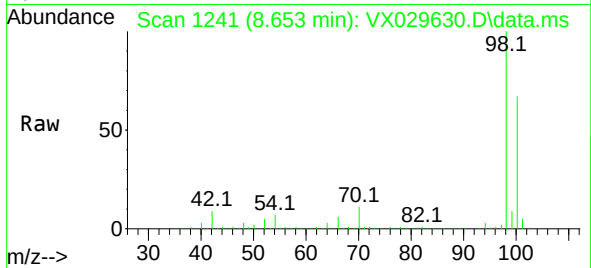




#50
Toluene-d8
Concen: 47.700 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX029630.D
Acq: 20 Jun 2022 17:59

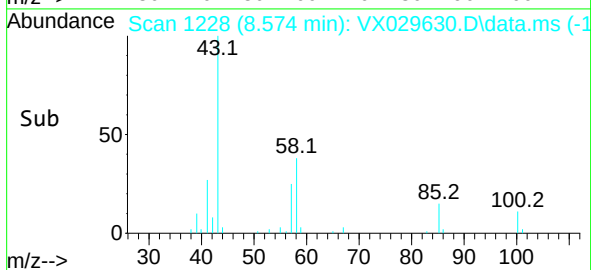
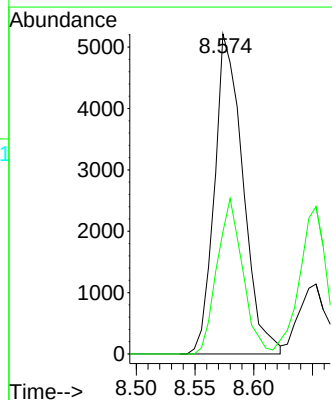
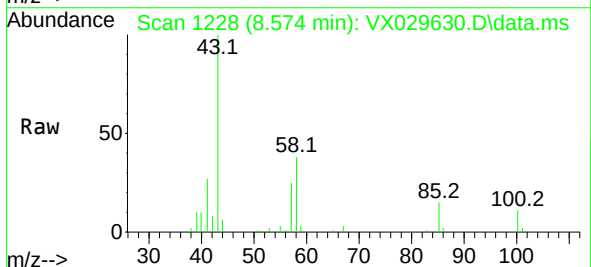
Instrument :
MSVOA_X
ClientSampleId :
PDB-BLANK-20220601

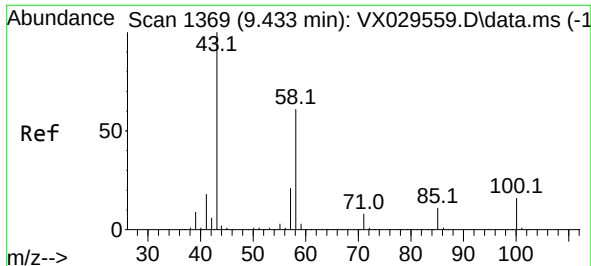
Tgt Ion: 98 Resp: 483558
Ion Ratio Lower Upper
98 100
100 66.9 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 2.277 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX029630.D
Acq: 20 Jun 2022 17:59

Tgt Ion: 43 Resp: 8785
Ion Ratio Lower Upper
43 100
58 43.9 36.1 54.1





#59

2-Hexanone

Concen: 0.247 ug/l

RT: 9.446 min Scan# 11

Delta R.T. 0.013 min

Lab File: VX029630.D

Acq: 20 Jun 2022 17:59

Instrument :

MSVOA_X

ClientSampleId :

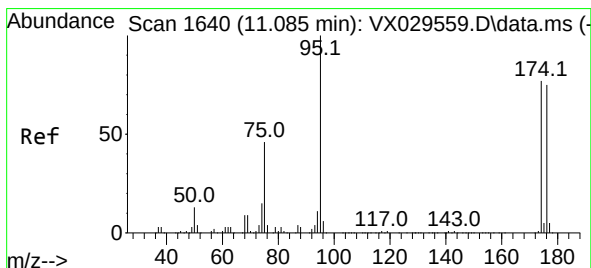
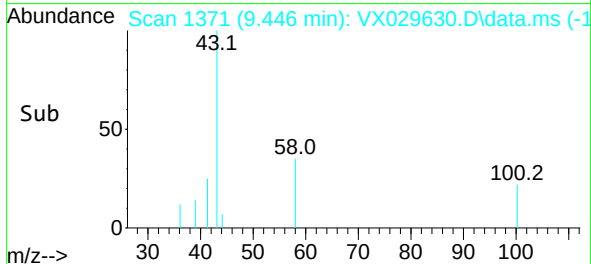
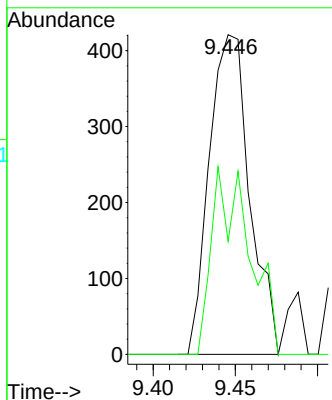
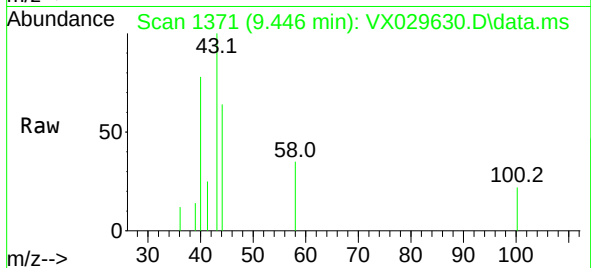
PDB-BLANK-20220601

Tgt Ion: 43 Resp: 721

Ion Ratio Lower Upper

43 100

58 54.8 31.9 95.7



#62

4-Bromofluorobenzene

Concen: 44.990 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.006 min

Lab File: VX029630.D

Acq: 20 Jun 2022 17:59

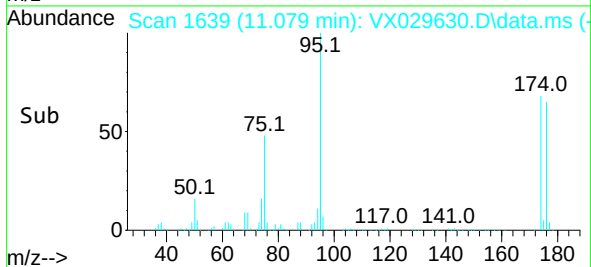
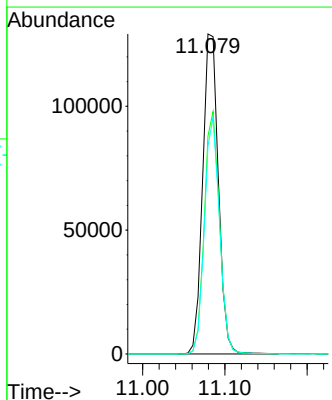
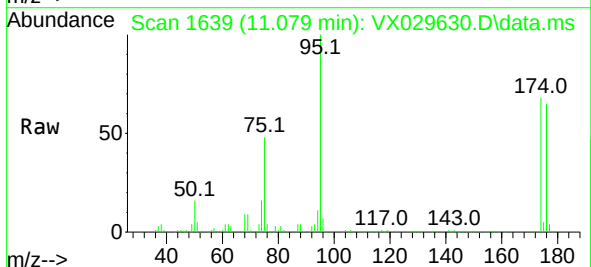
Tgt Ion: 95 Resp: 171994

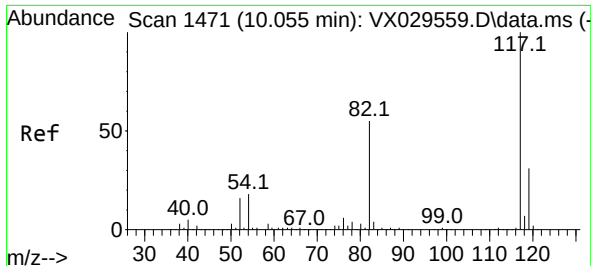
Ion Ratio Lower Upper

95 100

174 73.0 0.0 163.0

176 70.7 0.0 155.0

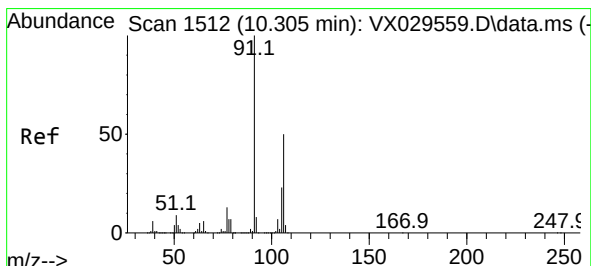
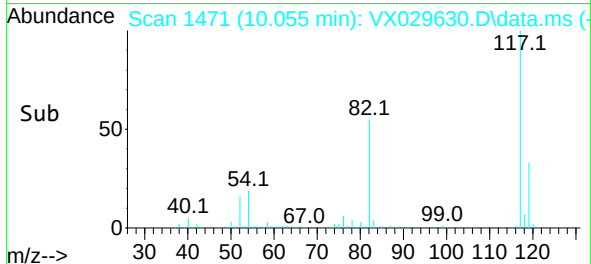
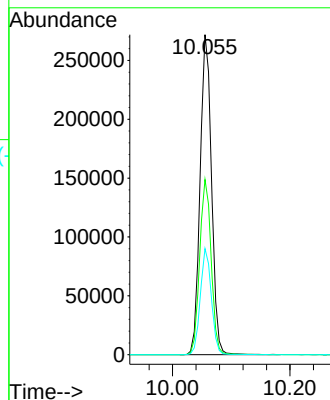
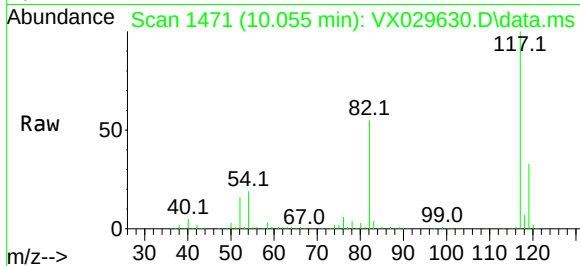




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029630.D
Acq: 20 Jun 2022 17:59

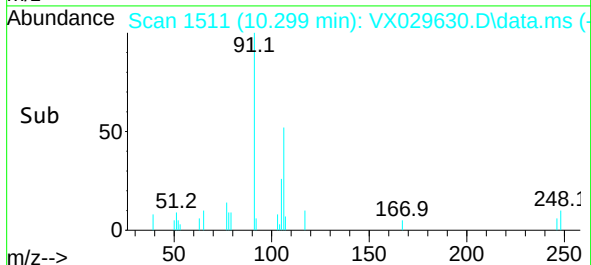
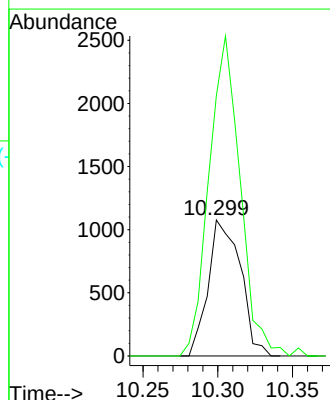
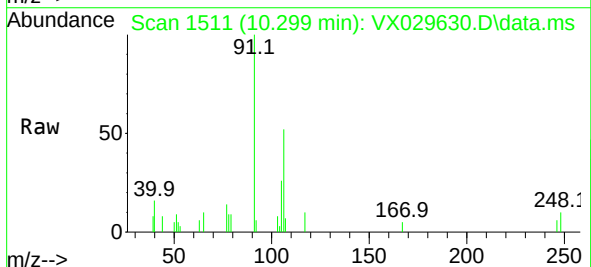
Instrument :
MSVOA_X
ClientSampleId :
PDB-BLANK-20220601

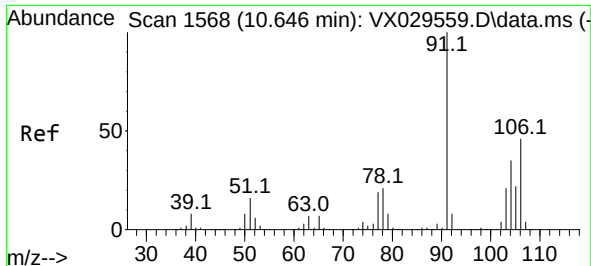
Tgt Ion:117 Resp: 367404
Ion Ratio Lower Upper
117 100
82 54.7 41.8 62.8
119 33.1 24.8 37.2



#68
m/p-Xylenes
Concen: 0.320 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX029630.D
Acq: 20 Jun 2022 17:59

Tgt Ion:106 Resp: 1619
Ion Ratio Lower Upper
106 100
91 228.0 160.4 240.6

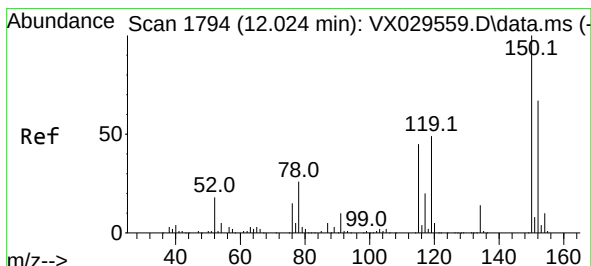
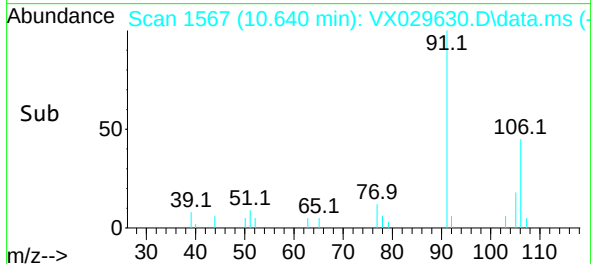
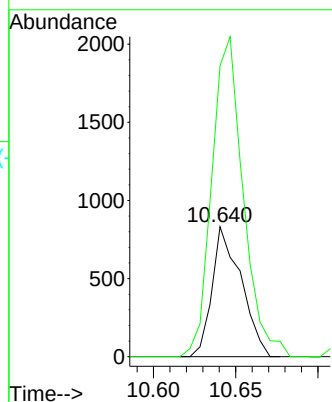
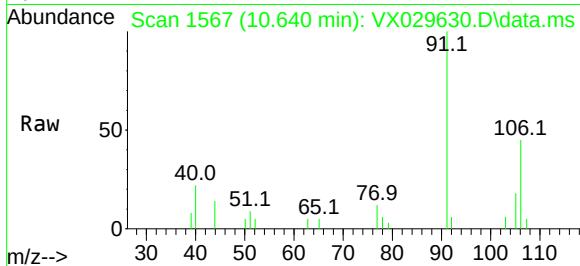




#69
o-Xylene
Concen: 0.204 ug/l
RT: 10.640 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX029630.D
Acq: 20 Jun 2022 17:59

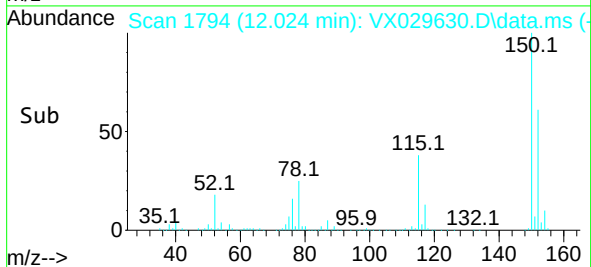
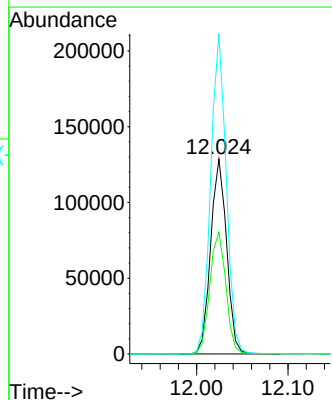
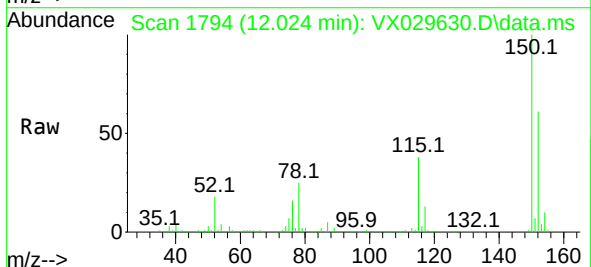
Instrument :
MSVOA_X
ClientSampleId :
PDB-BLANK-20220601

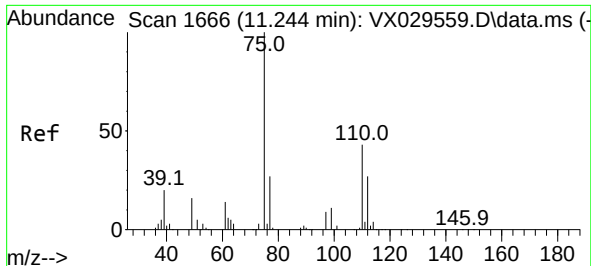
Tgt Ion:106 Resp: 1021
Ion Ratio Lower Upper
106 100
91 266.4 106.1 318.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX029630.D
Acq: 20 Jun 2022 17:59

Tgt Ion:152 Resp: 156024
Ion Ratio Lower Upper
152 100
115 63.0 37.5 112.7
150 159.7 0.0 338.2

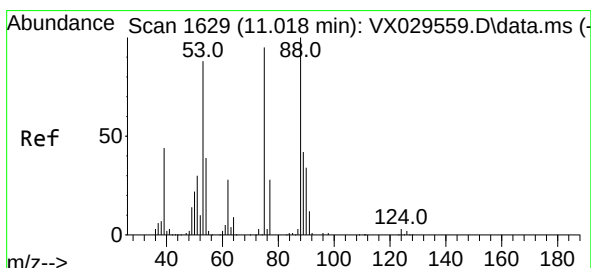
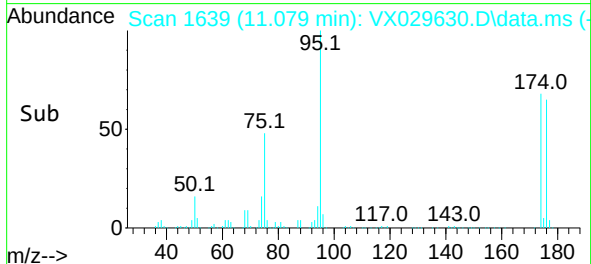
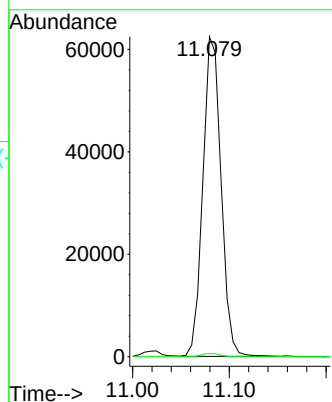
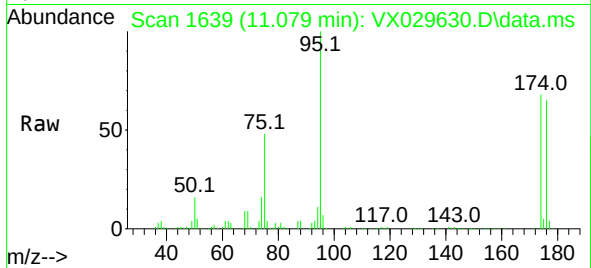




#76
1,2,3-Trichloropropane
Concen: 24.048 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX029630.D
Acq: 20 Jun 2022 17:59

Instrument :
MSVOA_X
ClientSampleId :
PDB-BLANK-20220601

Tgt Ion: 75 Resp: 81737
Ion Ratio Lower Upper
75 100
77 1.0 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 80.000 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX029630.D
Acq: 20 Jun 2022 17:59

Tgt Ion: 75 Resp: 81737
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

