

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060622\
 Data File : VX029263.D
 Acq On : 07 Jun 2022 02:02
 Operator : JC/MD
 Sample : N3166-29
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PDB-BLANK-20220601

Quant Time: Jun 07 06:09:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 01 04:45:42 2022
 Response via : Initial Calibration

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

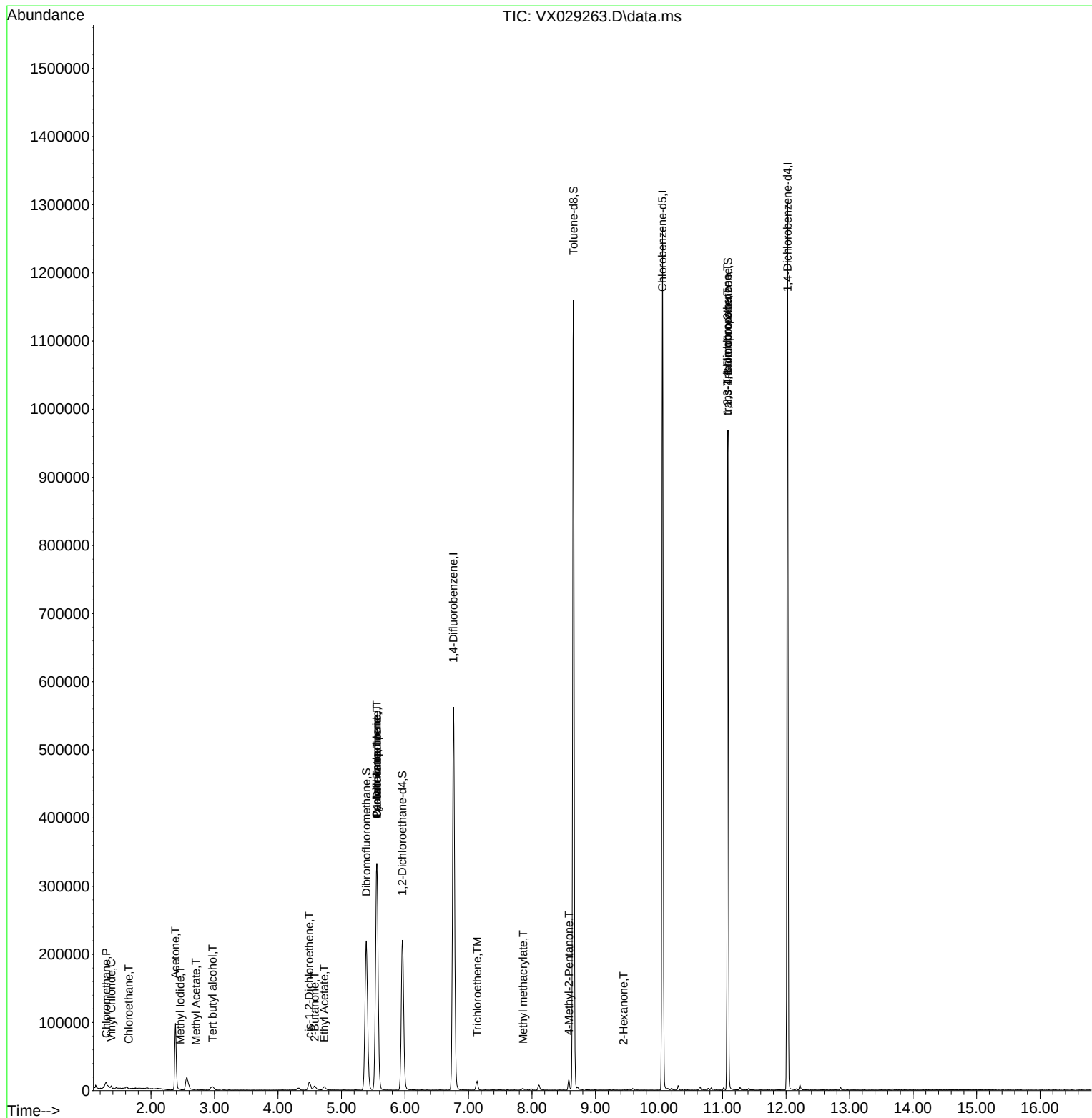
Internal Standards						
1) Pentafluorobenzene	5.556	168	308628	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	579144	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	566911	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	260393	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	215502	61.922	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	123.840%
35) Dibromofluoromethane	5.391	113	193115	50.201	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	100.400%
50) Toluene-d8	8.653	98	699047	49.686	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.380%
62) 4-Bromofluorobenzene	11.085	95	278061	51.128	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	102.260%
Target Compounds						
						Qvalue
3) Chloromethane	1.294	50	1074	0.382	ug/l #	88
4) Vinyl Chloride	1.374	62	1416	0.459	ug/l #	71
5) Bromomethane	1.617	94	778	Below Cal	#	34
6) Chloroethane	1.648	64	207	1.480	ug/l #	43
10) Methyl Iodide	2.459	142	759	4.426	ug/l #	76
11) Tert butyl alcohol	2.971	59	7184	8.911	ug/l #	82
16) Acetone	2.386	43	106573	77.767	ug/l	95
18) Methyl Acetate	2.709	43	824	0.232	ug/l	92
25) 2-Butanone	4.574	43	10631	4.809	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	8077	2.158	ug/l	87
31) Cyclohexane	5.556	56	6307	1.394	ug/l #	17
36) 1,1-Dichloropropene	5.556	75	24608	4.972	ug/l #	46
37) Ethyl Acetate	4.727	43	9595	2.000	ug/l	94
38) Carbon Tetrachloride	5.556	117	32789	5.797	ug/l #	17
44) Trichloroethene	7.135	130	5301	0.525	ug/l	98
48) Methyl methacrylate	7.860	41	1075	0.294	ug/l #	29
51) 4-Methyl-2-Pentanone	8.580	43	9543	1.912	ug/l	90
59) 2-Hexanone	9.439	43	803	0.207	ug/l	81
76) 1,2,3-Trichloropropane	11.079	75	135221	25.617	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	135221	75.155	ug/l #	15
94) Hexachlorobutadiene	13.725	225	58	Below Cal	#	16

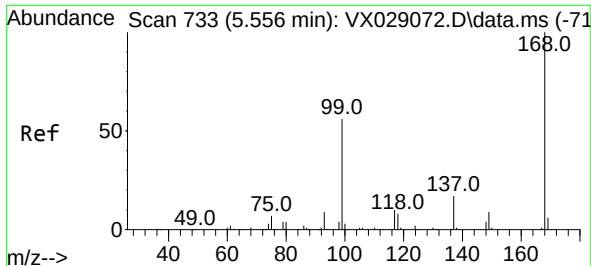
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Jun 01 04:45:42 2022
Response via : Initial Calibration

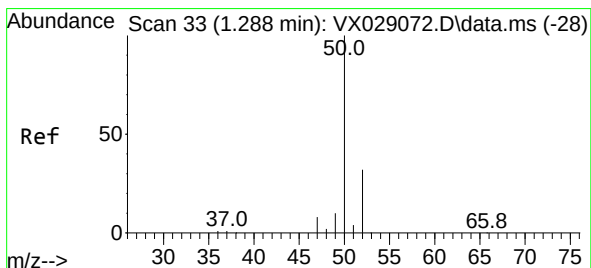
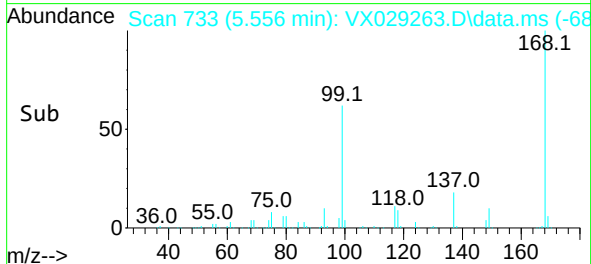
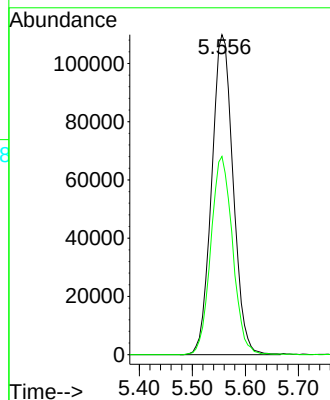
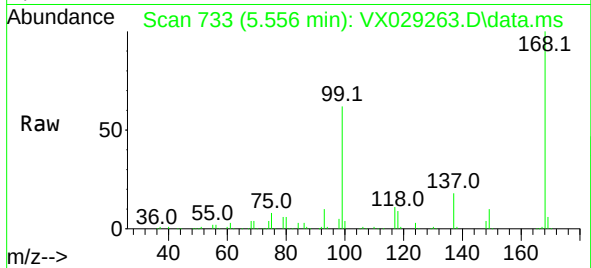




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029263.D
Acq: 07 Jun 2022 02:02

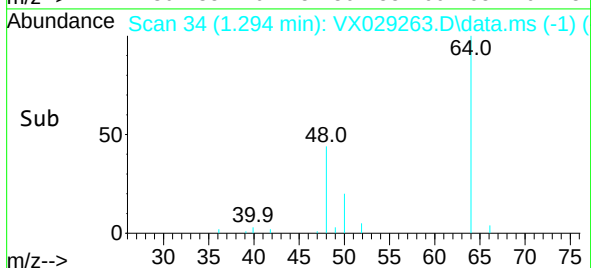
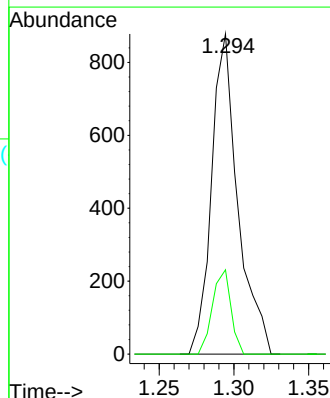
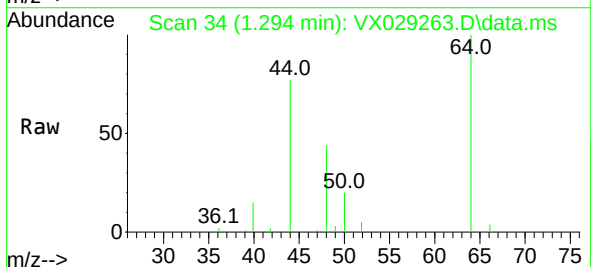
Instrument :
MSVOA_X
ClientSampleId :
PDB-BLANK-20220601

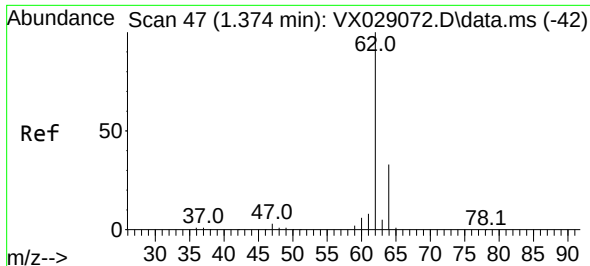
Tgt Ion:168 Resp: 308628
Ion Ratio Lower Upper
168 100
99 61.9 41.7 62.5



#3
Chloromethane
Concen: 0.382 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX029263.D
Acq: 07 Jun 2022 02:02

Tgt Ion: 50 Resp: 1074
Ion Ratio Lower Upper
50 100
52 26.3 26.4 39.6#

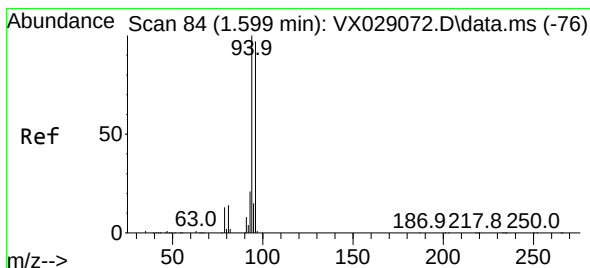
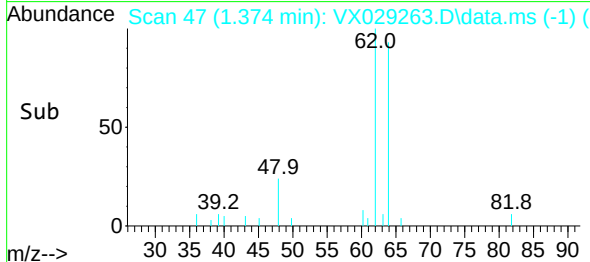
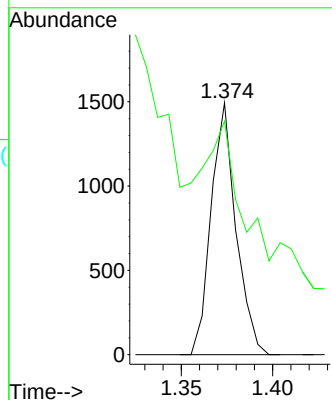
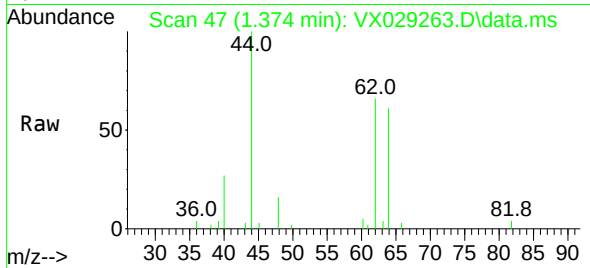




#4
 Vinyl Chloride
 Concen: 0.459 ug/l
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX029263.D
 Acq: 07 Jun 2022 02:02

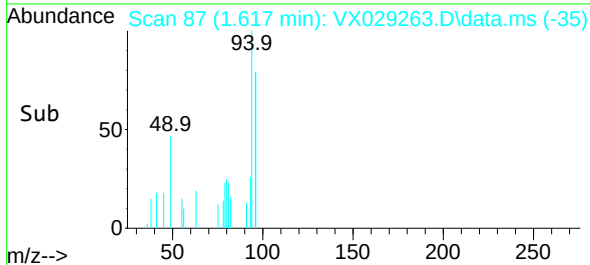
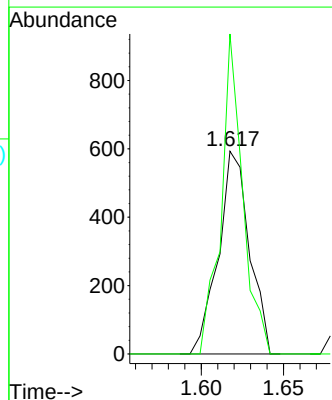
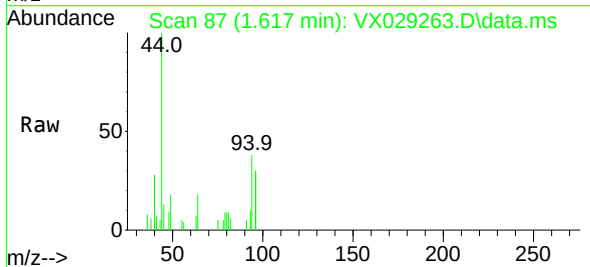
Instrument :
 MSVOA_X
 ClientSampleId :
 PDB-BLANK-20220601

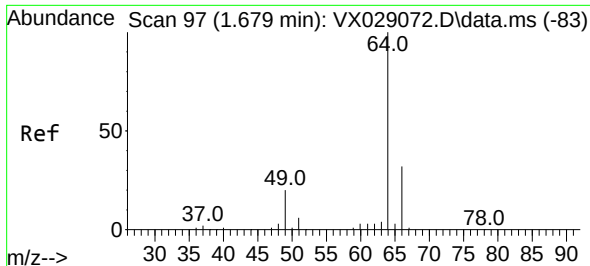
Tgt Ion: 62 Resp: 1416
 Ion Ratio Lower Upper
 62 100
 64 48.3 25.5 38.3#



#5
 Bromomethane
 Concen: Below Cal
 RT: 1.617 min Scan# 87
 Delta R.T. 0.018 min
 Lab File: VX029263.D
 Acq: 07 Jun 2022 02:02

Tgt Ion: 94 Resp: 778
 Ion Ratio Lower Upper
 94 100
 96 157.8 75.3 112.9#

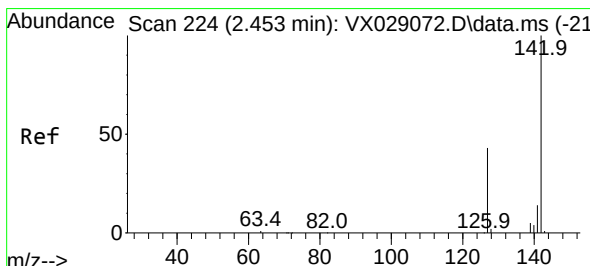
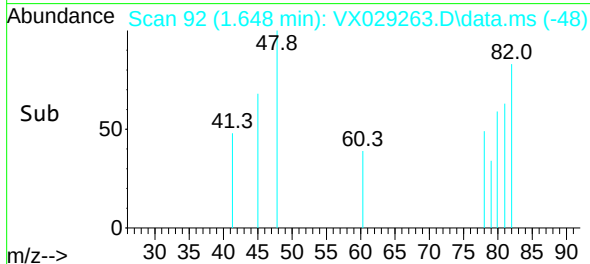
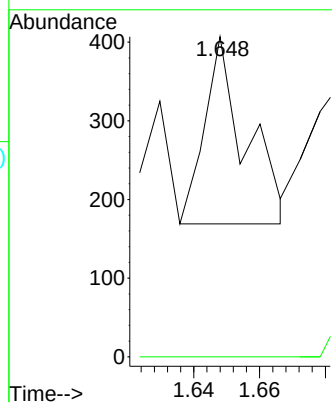
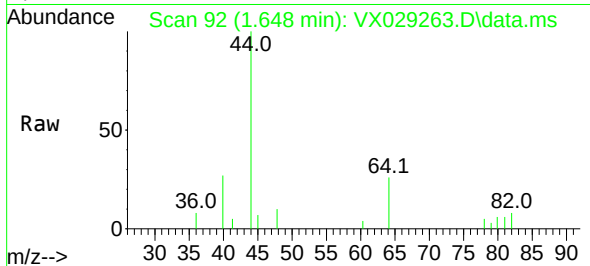




#6
Chloroethane
Concen: 1.480 ug/l
RT: 1.648 min Scan# 91
Delta R.T. -0.031 min
Lab File: VX029263.D
Acq: 07 Jun 2022 02:02

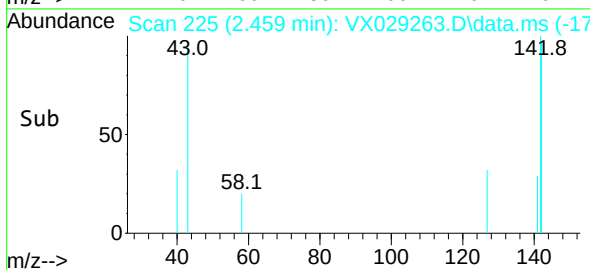
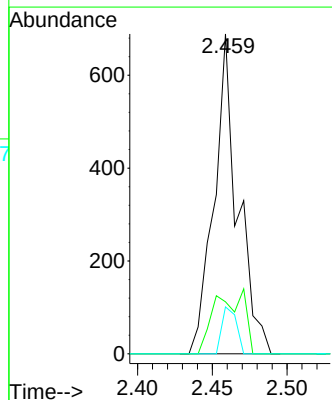
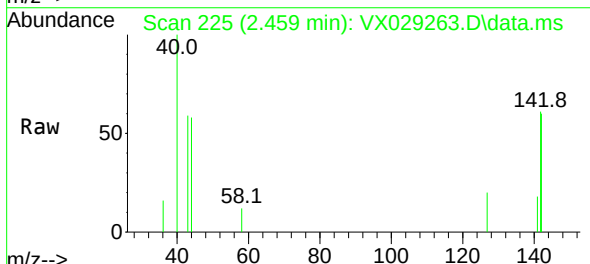
Instrument :
MSVOA_X
ClientSampleId :
PDB-BLANK-20220601

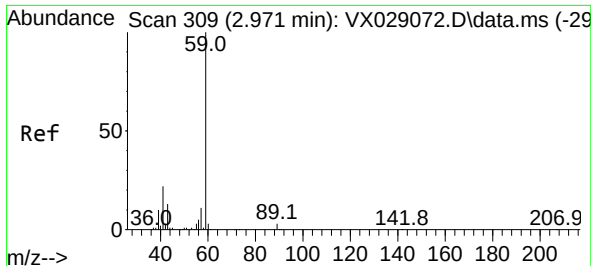
Tgt Ion: 64 Resp: 207
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



#10
Methyl Iodide
Concen: 4.426 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX029263.D
Acq: 07 Jun 2022 02:02

Tgt Ion: 142 Resp: 759
Ion Ratio Lower Upper
142 100
127 25.0 33.9 50.9#
141 9.0 11.4 17.2#

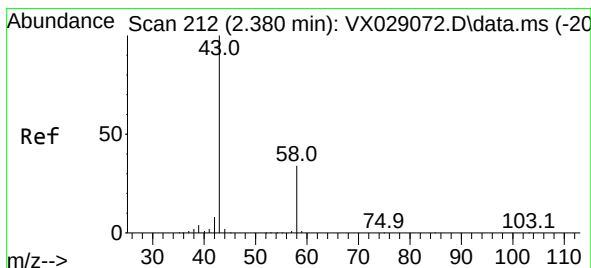
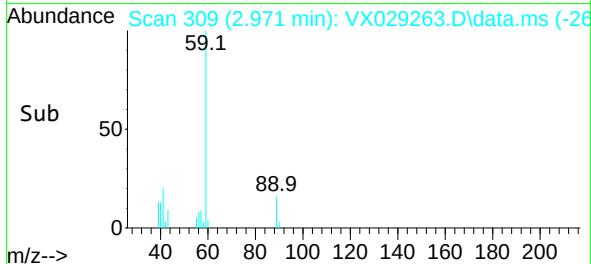
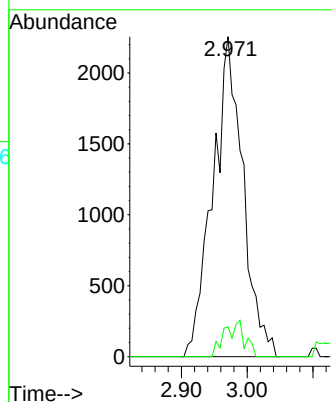
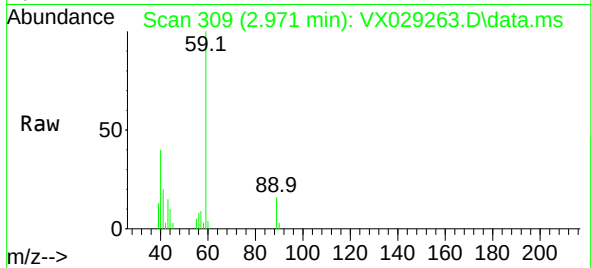




#11
Tert butyl alcohol
Concen: 8.911 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.000 min
Lab File: VX029263.D
Acq: 07 Jun 2022 02:02

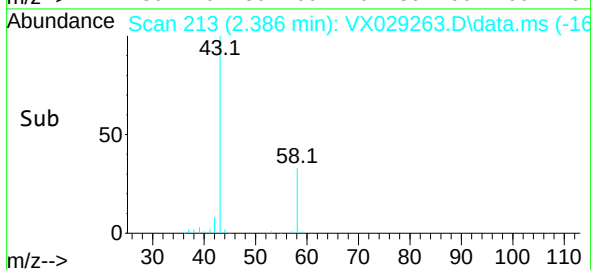
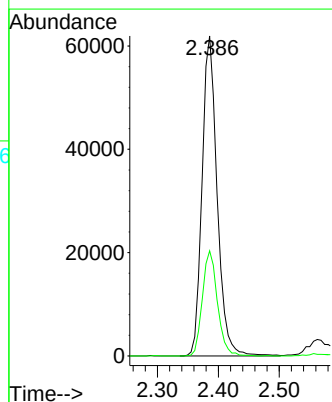
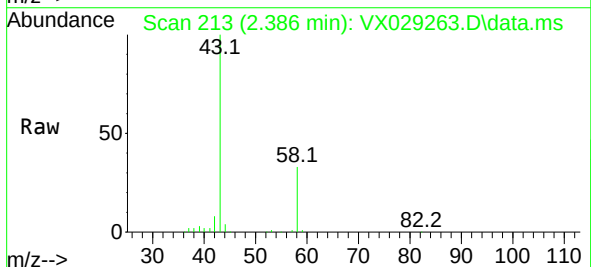
Instrument :
MSVOA_X
ClientSampleId :
PDB-BLANK-20220601

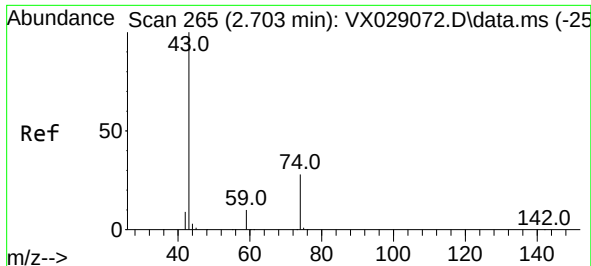
Tgt Ion: 59 Resp: 7184
Ion Ratio Lower Upper
59 100
57 3.6 8.3 12.5#



#16
Acetone
Concen: 77.767 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX029263.D
Acq: 07 Jun 2022 02:02

Tgt Ion: 43 Resp: 106573
Ion Ratio Lower Upper
43 100
58 32.8 28.8 43.2

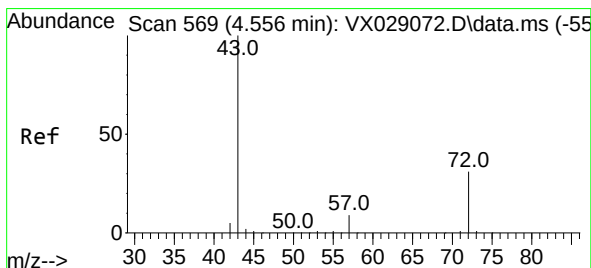
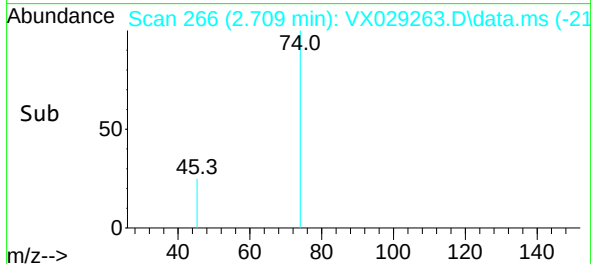
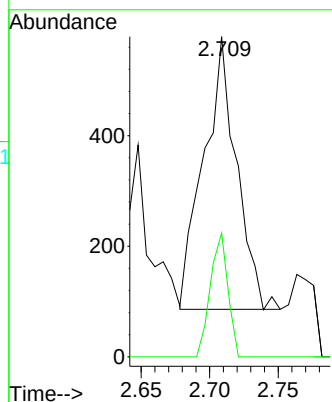
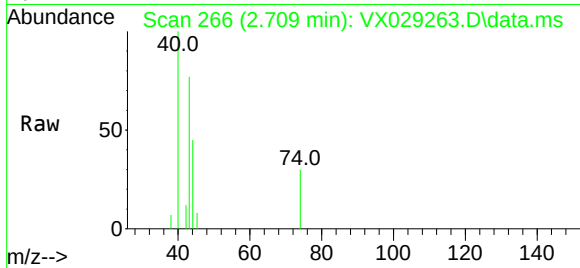




#18
Methyl Acetate
Concen: 0.232 ug/l
RT: 2.709 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX029263.D
Acq: 07 Jun 2022 02:02

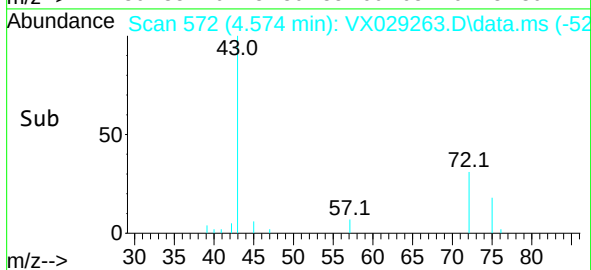
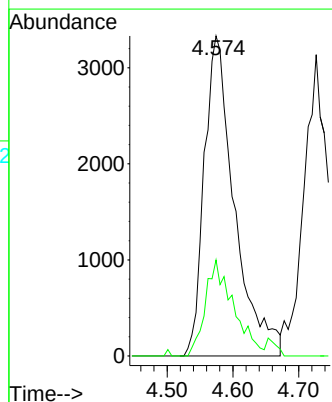
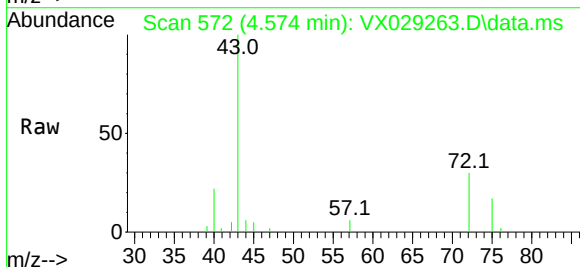
Instrument :
MSVOA_X
ClientSampleId :
PDB-BLANK-20220601

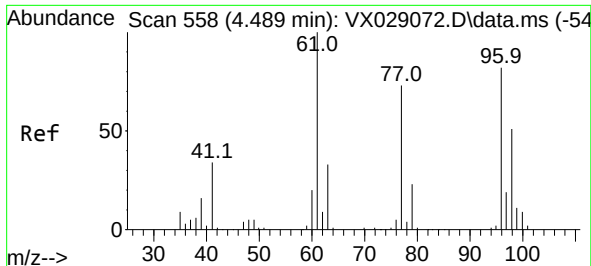
Tgt Ion: 43 Resp: 824
Ion Ratio Lower Upper
43 100
74 24.2 22.8 34.2



#25
2-Butanone
Concen: 4.809 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.018 min
Lab File: VX029263.D
Acq: 07 Jun 2022 02:02

Tgt Ion: 43 Resp: 10631
Ion Ratio Lower Upper
43 100
72 30.0 24.4 36.6





#27

cis-1,2-Dichloroethene

Concen: 2.158 ug/l

RT: 4.489 min Scan# 51

Delta R.T. -0.000 min

Lab File: VX029263.D

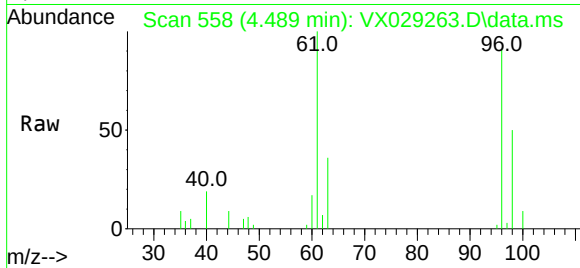
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Instrument :

MSVOA_X

ClientSampleId :

PDB-BLANK-20220601



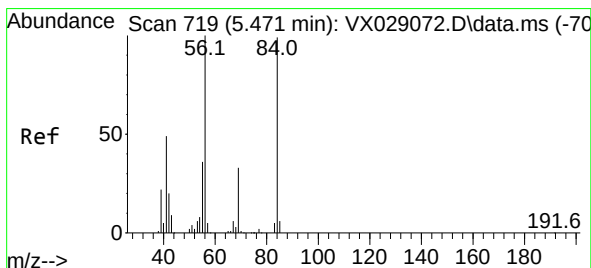
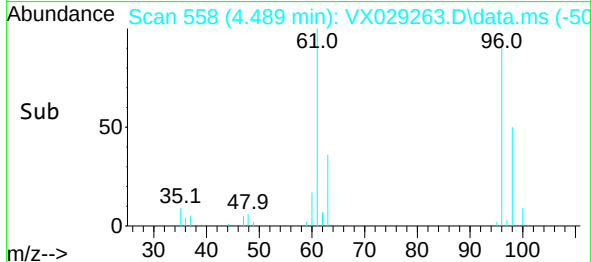
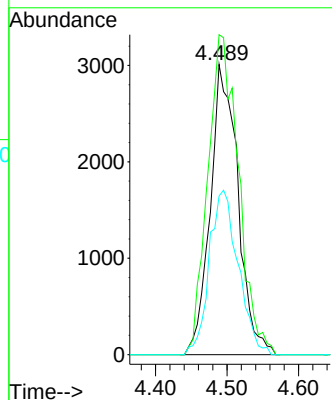
Tgt Ion: 96 Resp: 8077

Ion Ratio Lower Upper

96 100

61 122.4 0.0 283.8

98 59.5 0.0 129.8



#31

Cyclohexane

Concen: 1.394 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.085 min

Lab File: VX029263.D

Acq: 07 Jun 2022 02:02

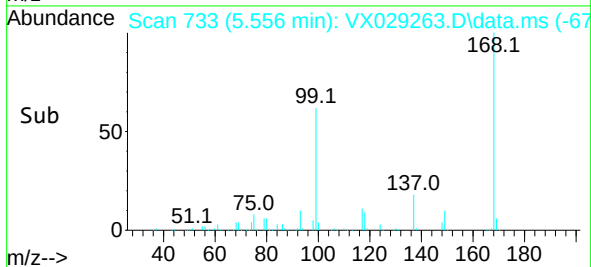
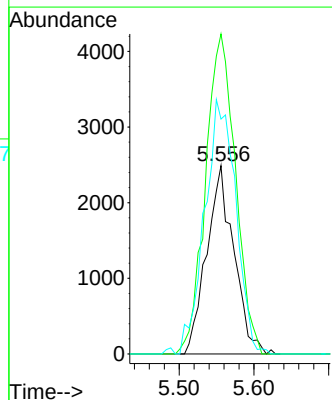
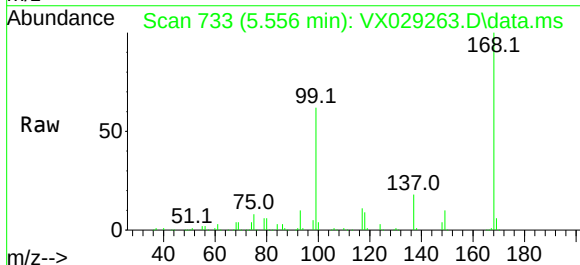
Tgt Ion: 56 Resp: 6307

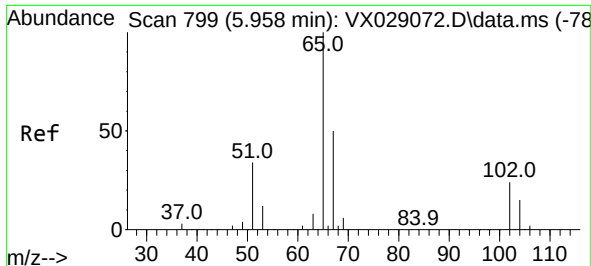
Ion Ratio Lower Upper

56 100

69 169.9 26.7 40.1#

84 124.6 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 61.922 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX029263.D

Acq: 07 Jun 2022 02:02

Instrument :

MSVOA_X

ClientSampleId :

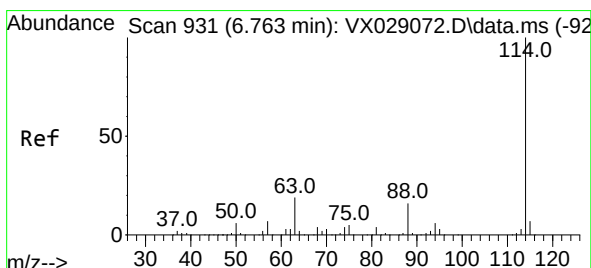
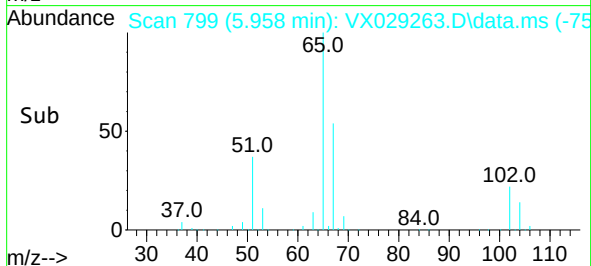
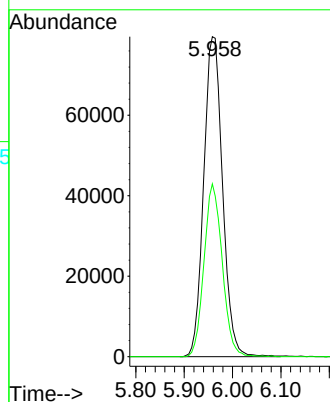
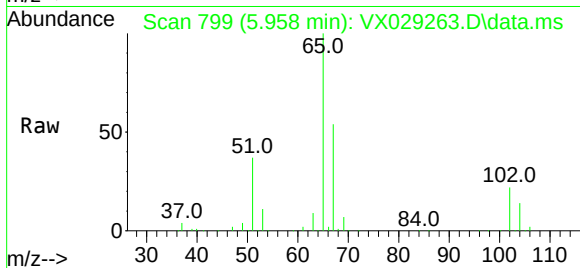
PDB-BLANK-20220601

Tgt Ion: 65 Resp: 215502

Ion Ratio Lower Upper

65 100

67 52.3 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: VX029263.D

Acq: 07 Jun 2022 02:02

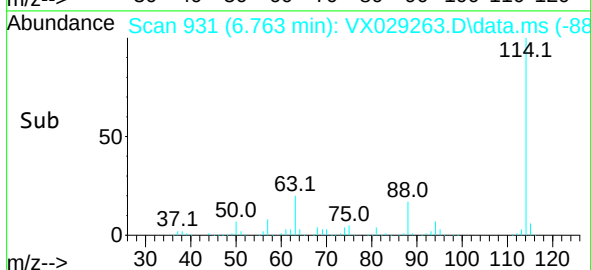
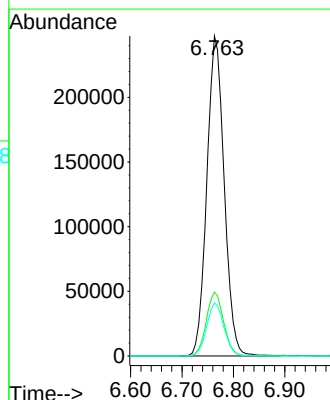
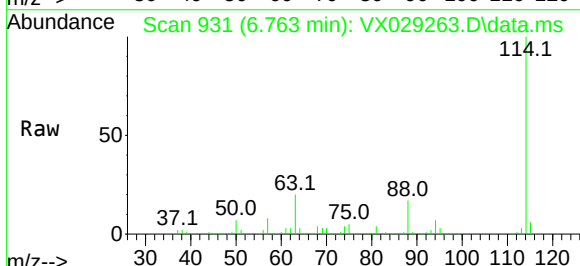
Tgt Ion: 114 Resp: 579144

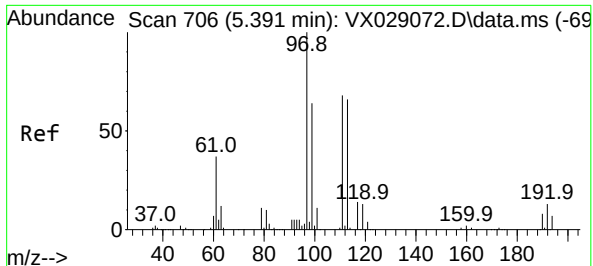
Ion Ratio Lower Upper

114 100

63 19.9 0.0 36.8

88 16.6 0.0 32.4

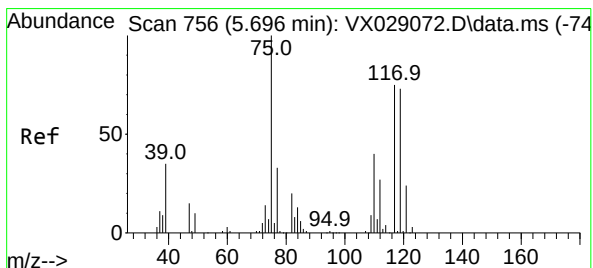
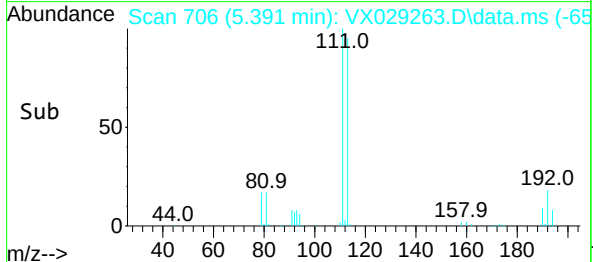
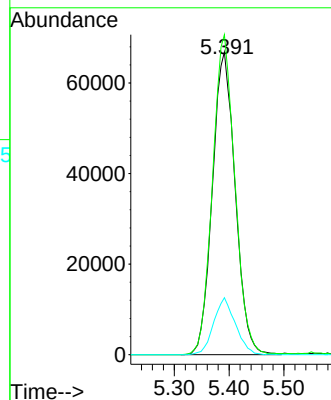
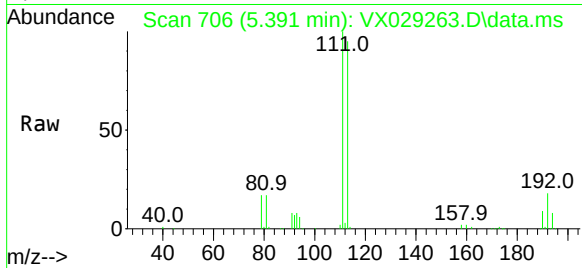




#35
Dibromofluoromethane
Concen: 50.201 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029263.D
Acq: 07 Jun 2022 02:02

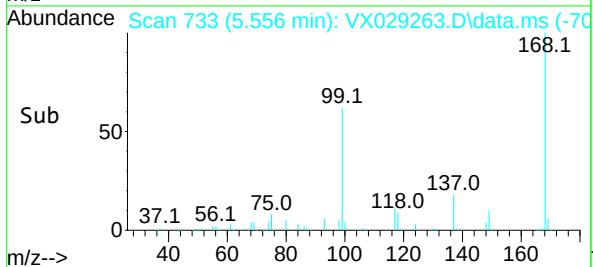
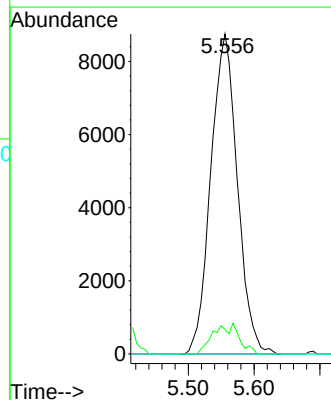
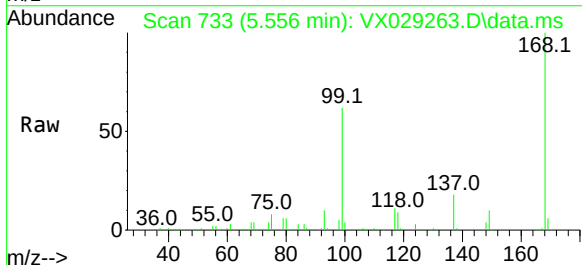
Instrument :
MSVOA_X
ClientSampleId :
PDB-BLANK-20220601

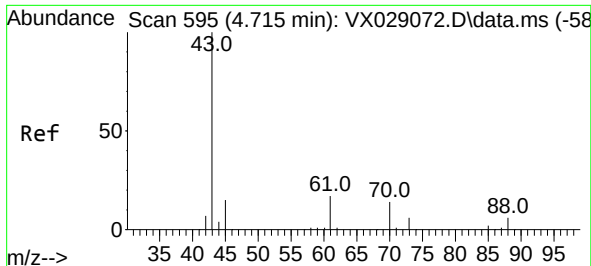
Tgt Ion:113 Resp: 193115
Ion Ratio Lower Upper
113 100
111 103.7 82.8 124.2
192 18.0 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.972 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX029263.D
Acq: 07 Jun 2022 02:02

Tgt Ion: 75 Resp: 24608
Ion Ratio Lower Upper
75 100
110 5.9 18.3 54.8#
77 0.0 24.8 37.2#





#37

Ethyl Acetate

Concen: 2.000 ug/l

RT: 4.727 min Scan# 595

Delta R.T. 0.012 min

Lab File: VX029263.D

Acq: 07 Jun 2022 02:02

Instrument :

MSVOA_X

ClientSampleId :

PDB-BLANK-20220601

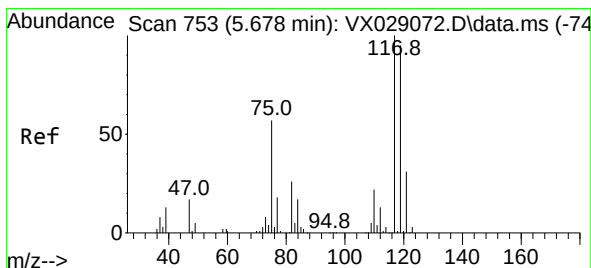
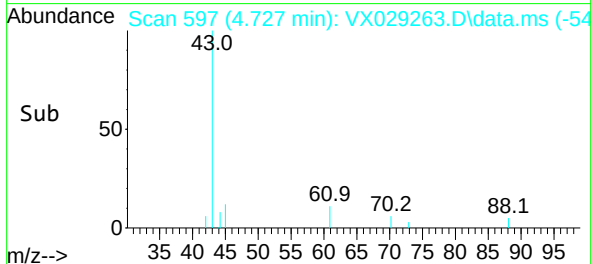
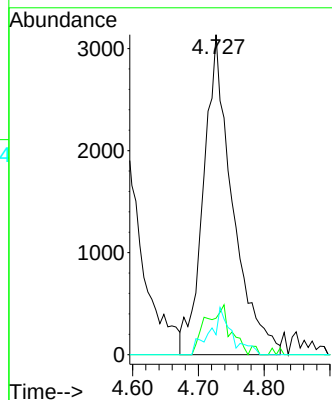
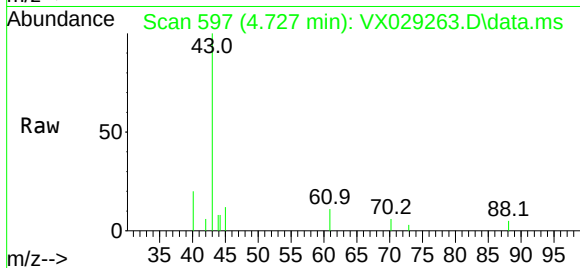
Tgt Ion: 43 Resp: 9595

Ion Ratio Lower Upper

43 100

61 13.2 12.6 19.0

70 10.2 10.2 15.2



#38

Carbon Tetrachloride

Concen: 5.797 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.122 min

Lab File: VX029263.D

Acq: 07 Jun 2022 02:02

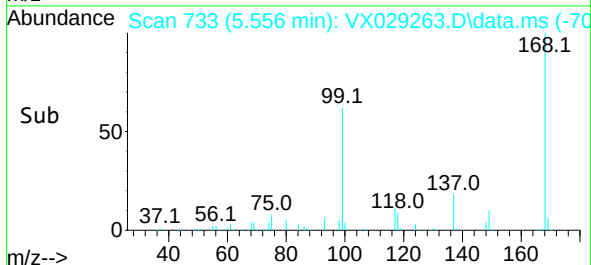
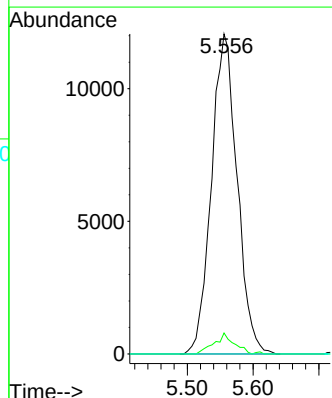
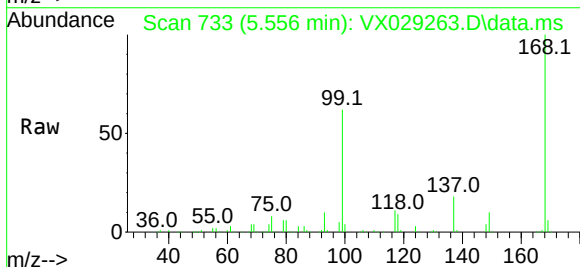
Tgt Ion: 117 Resp: 32789

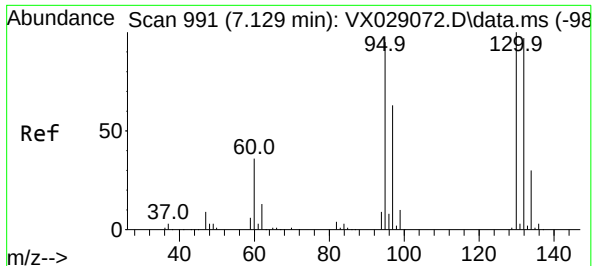
Ion Ratio Lower Upper

117 100

119 6.5 77.3 115.9#

121 0.0 24.2 36.2#

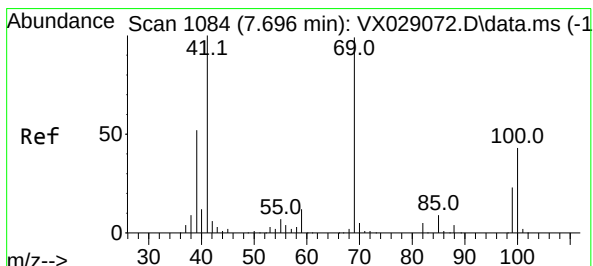
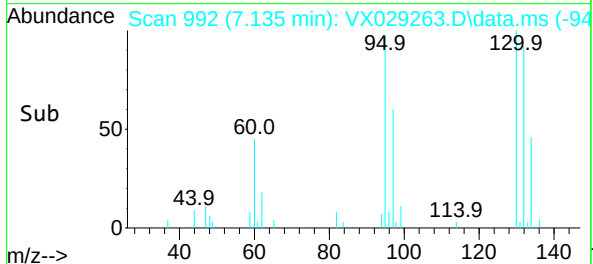
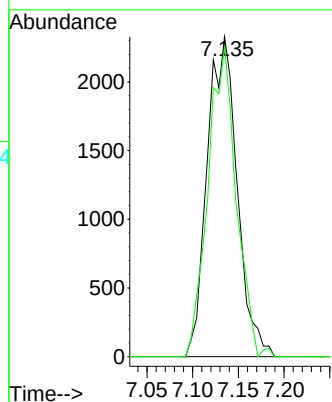
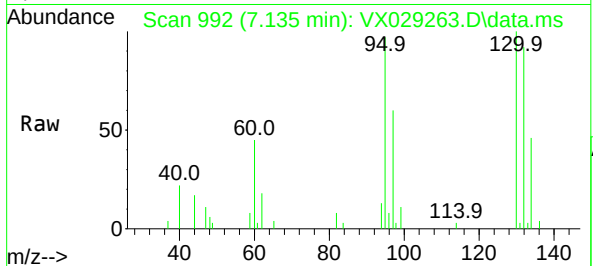




#44
Trichloroethene
Concen: 0.525 ug/l
RT: 7.135 min Scan# 94
Delta R.T. 0.006 min
Lab File: VX029263.D
Acq: 07 Jun 2022 02:02

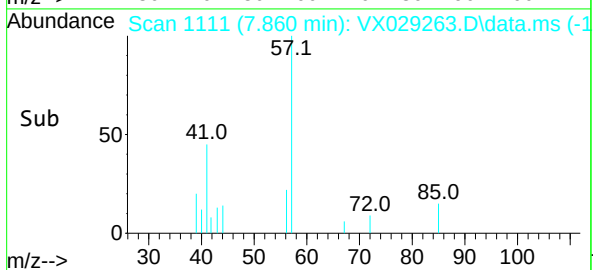
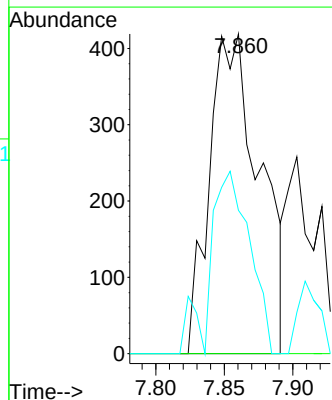
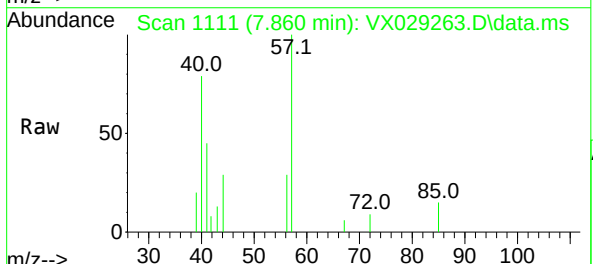
Instrument :
MSVOA_X
ClientSampleId :
PDB-BLANK-20220601

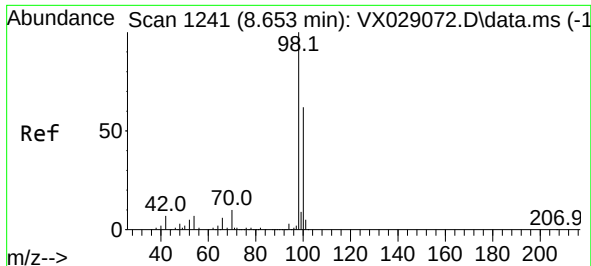
Tgt Ion:130 Resp: 5301
Ion Ratio Lower Upper
130 100
95 96.7 0.0 188.8



#48
Methyl methacrylate
Concen: 0.294 ug/l
RT: 7.860 min Scan# 1111
Delta R.T. 0.164 min
Lab File: VX029263.D
Acq: 07 Jun 2022 02:02

Tgt Ion: 41 Resp: 1075
Ion Ratio Lower Upper
41 100
69 0.0 82.5 123.7#
39 45.0 43.8 65.8

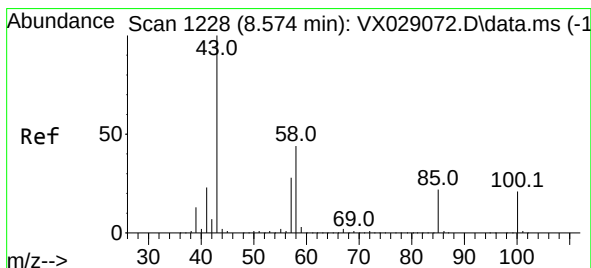
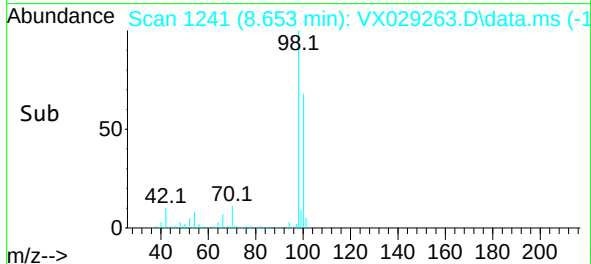
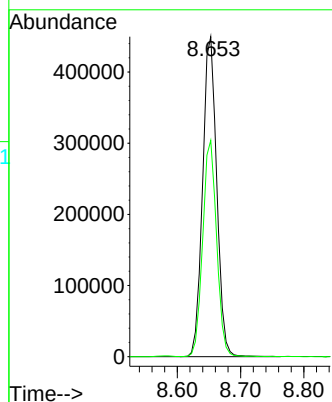
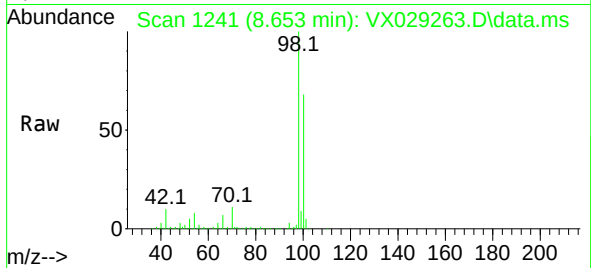




#50
Toluene-d8
Concen: 49.686 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX029263.D
Acq: 07 Jun 2022 02:02

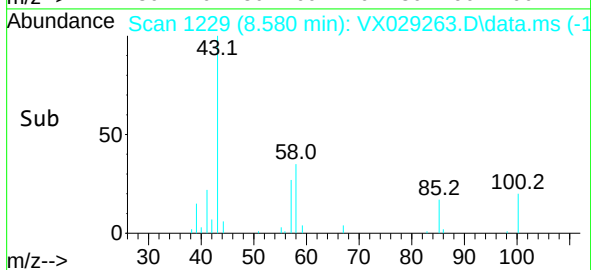
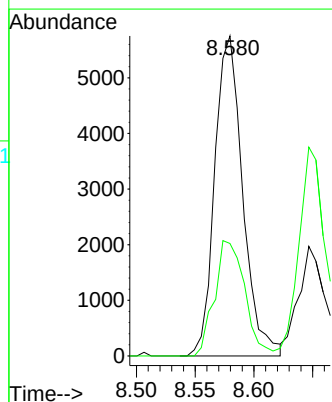
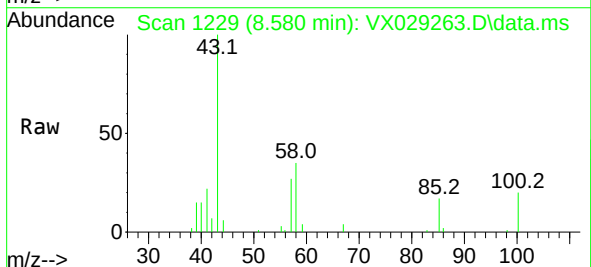
Instrument :
MSVOA_X
ClientSampleId :
PDB-BLANK-20220601

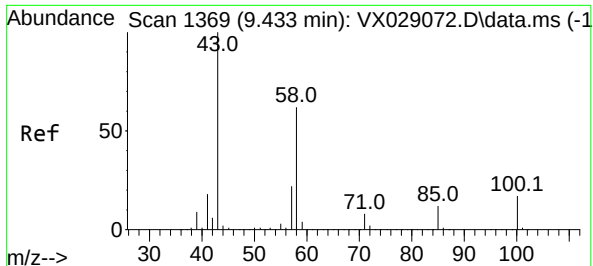
Tgt Ion: 98 Resp: 699047
Ion Ratio Lower Upper
98 100
100 66.6 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 1.912 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX029263.D
Acq: 07 Jun 2022 02:02

Tgt Ion: 43 Resp: 9543
Ion Ratio Lower Upper
43 100
58 38.9 36.1 54.1

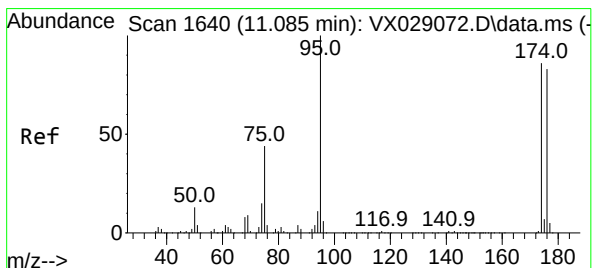
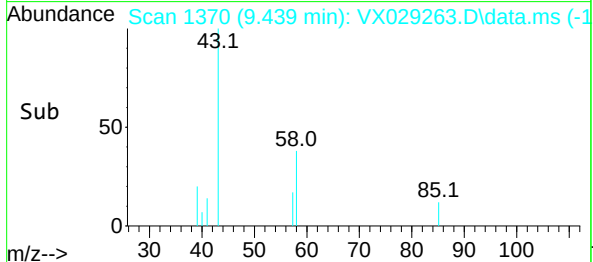
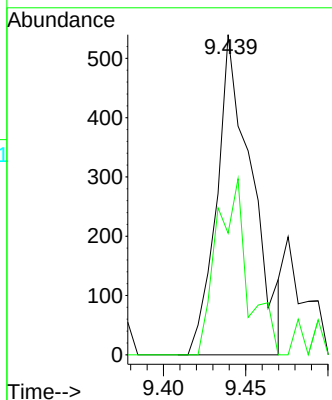
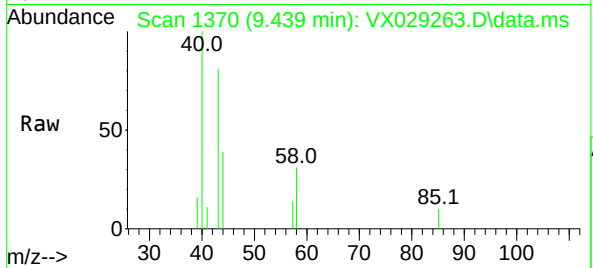




#59
2-Hexanone
Concen: 0.207 ug/l
RT: 9.439 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX029263.D
Acq: 07 Jun 2022 02:02

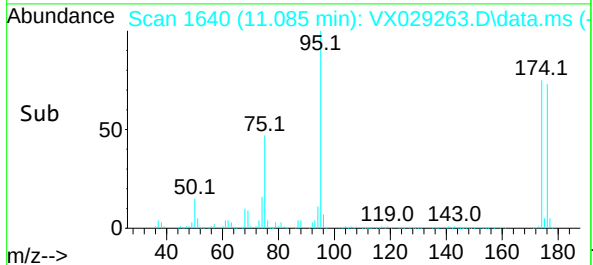
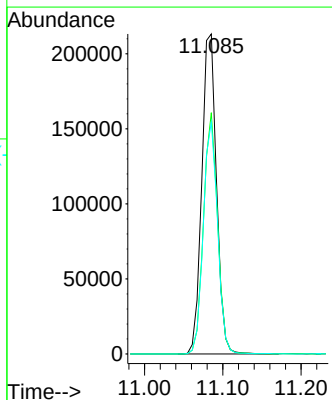
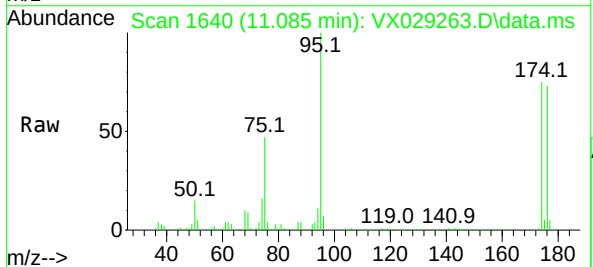
Instrument :
MSVOA_X
ClientSampleId :
PDB-BLANK-20220601

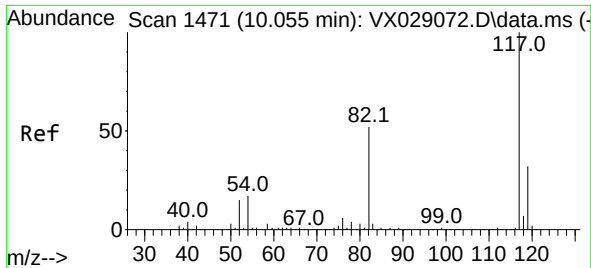
Tgt Ion: 43 Resp: 803
Ion Ratio Lower Upper
43 100
58 48.9 31.9 95.7



#62
4-Bromofluorobenzene
Concen: 51.128 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX029263.D
Acq: 07 Jun 2022 02:02

Tgt Ion: 95 Resp: 278061
Ion Ratio Lower Upper
95 100
174 71.8 0.0 163.0
176 70.3 0.0 155.0

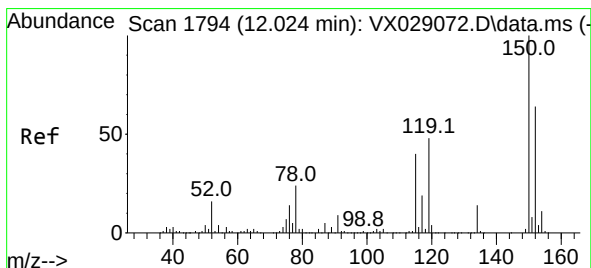
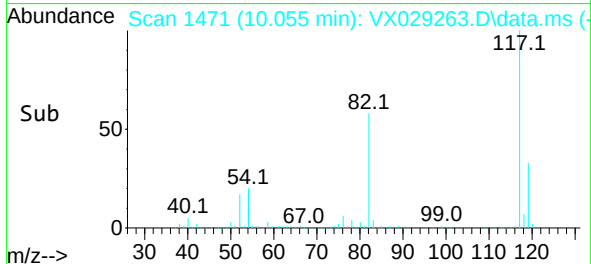
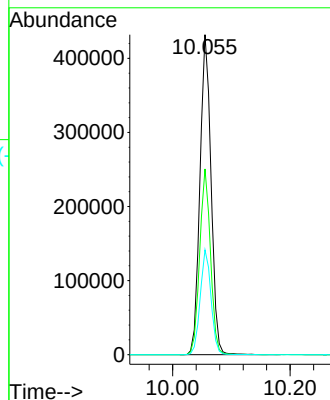
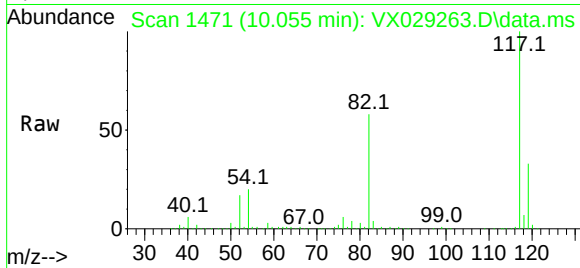




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029263.D
Acq: 07 Jun 2022 02:02

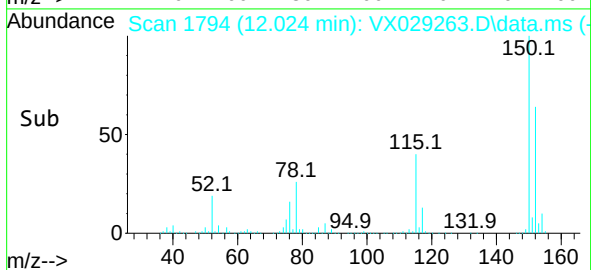
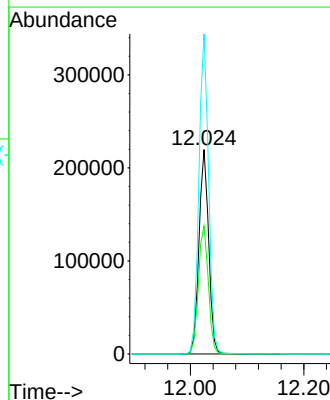
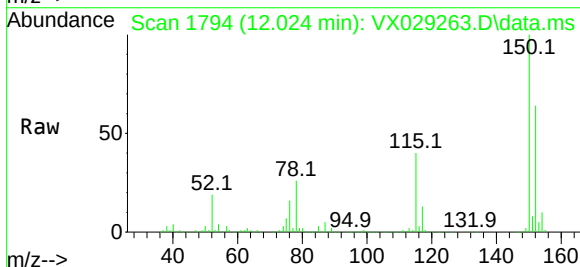
Instrument :
MSVOA_X
ClientSampleId :
PDB-BLANK-20220601

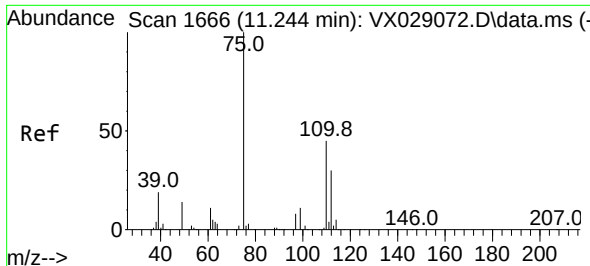
Tgt Ion:117 Resp: 566911
Ion Ratio Lower Upper
117 100
82 58.0 41.8 62.8
119 32.7 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX029263.D
Acq: 07 Jun 2022 02:02

Tgt Ion:152 Resp: 260393
Ion Ratio Lower Upper
152 100
115 64.2 37.5 112.7
150 156.1 0.0 338.2

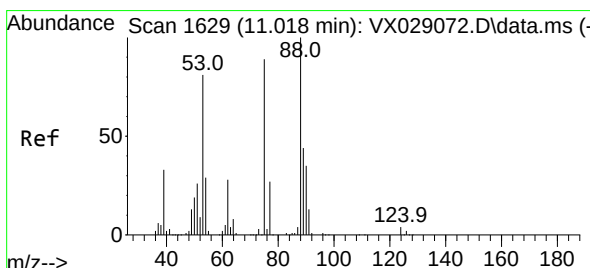
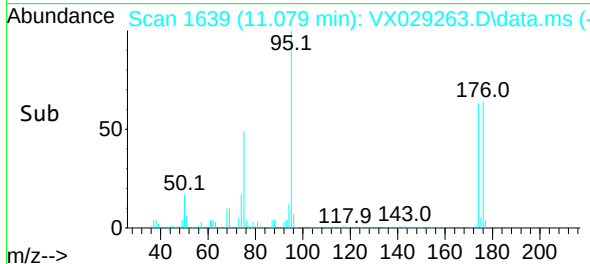
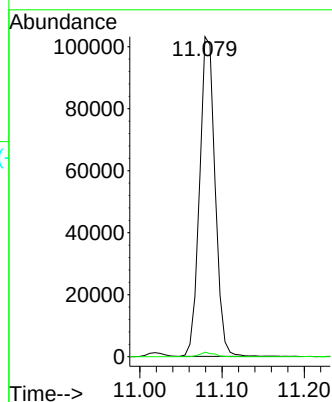
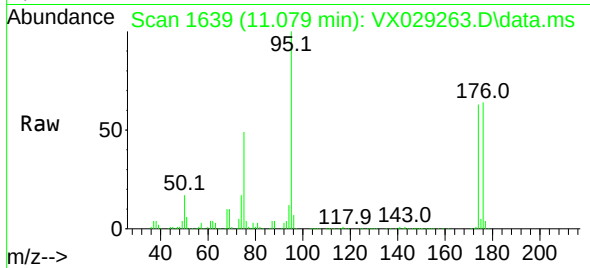




#76
1,2,3-Trichloropropane
Concen: 25.617 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX029263.D
Acq: 07 Jun 2022 02:02

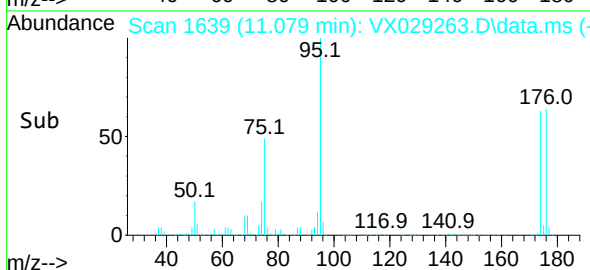
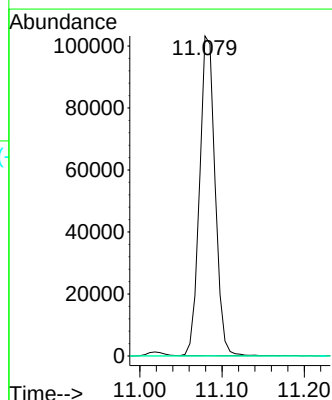
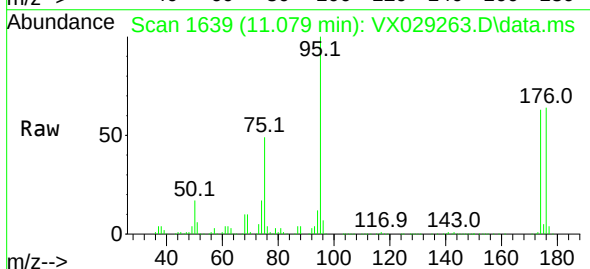
Instrument :
MSVOA_X
ClientSampleId :
PDB-BLANK-20220601

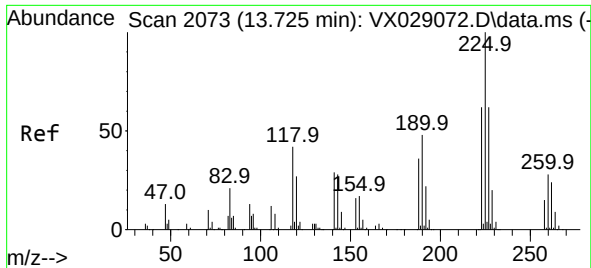
Tgt Ion: 75 Resp: 135221
Ion Ratio Lower Upper
75 100
77 1.3 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 75.155 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX029263.D
Acq: 07 Jun 2022 02:02

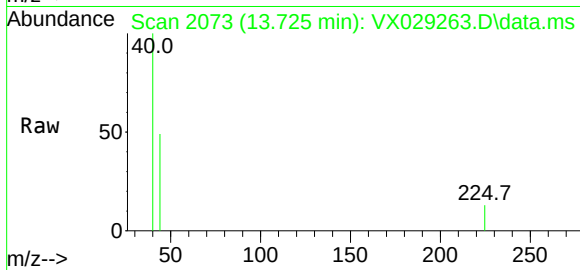
Tgt Ion: 75 Resp: 135221
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#





#94
 Hexachlorobutadiene
 Concen: Below Cal
 RT: 13.725 min Scan# 2073
 Delta R.T. 0.000 min
 Lab File: VX029263.D
 Acq: 07 Jun 2022 02:02

Instrument :
 MSVOA_X
 ClientSampleId :
 PDB-BLANK-20220601



Tgt Ion:225 Resp: 58
 Ion Ratio Lower Upper
 225 100
 223 0.0 34.2 102.5#
 227 0.0 33.9 101.7#

