

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052322\
 Data File : VX028895.D
 Acq On : 23 May 2022 15:35
 Operator : JC/MD
 Sample : N2970-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PDB-BLANK-20220519

Quant Time: May 24 05:33:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

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

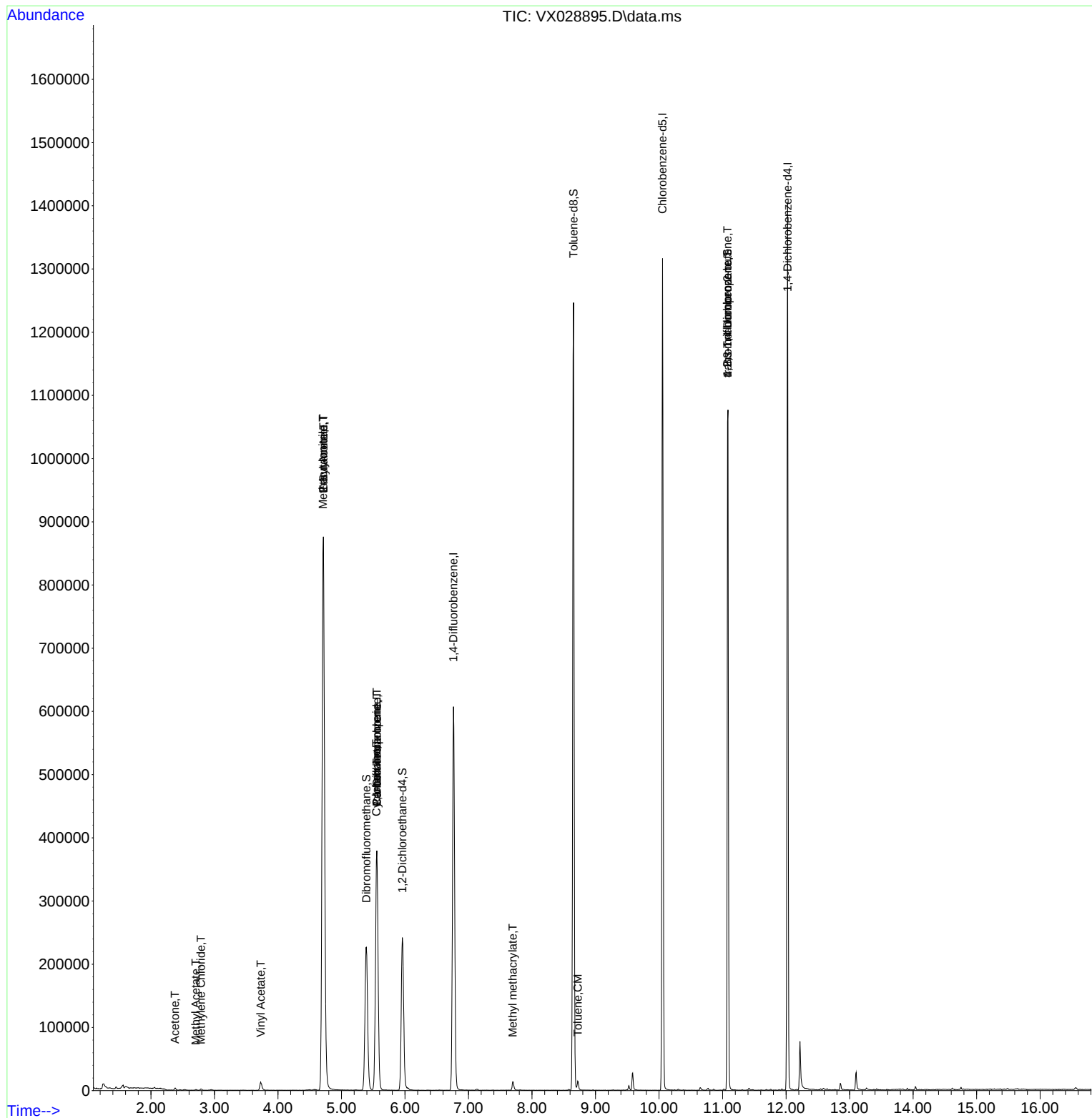
Internal Standards						
1) Pentafluorobenzene	5.556	168	354391	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	624736	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	592740	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	282985	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	242465	49.912	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.820%
35) Dibromofluoromethane	5.391	113	201337	49.188	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.380%
50) Toluene-d8	8.653	98	736733	47.740	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.480%
62) 4-Bromofluorobenzene	11.079	95	300585	52.149	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	104.300%
Target Compounds						
						Qvalue
5) Bromomethane	1.611	94	1398	Below Cal		83
6) Chloroethane	1.679	64	1111	Below Cal	#	43
11) Tert butyl alcohol	2.953	59	831	Below Cal	#	72
16) Acetone	2.380	43	3632	1.742	ug/l	96
18) Methyl Acetate	2.703	43	1325	0.254	ug/l	93
20) Methylene Chloride	2.788	84	1126	0.257	ug/l	89
23) Vinyl Acetate	3.727	43	23745	2.191	ug/l	# 92
25) 2-Butanone	4.715	43	1462068	446.762	ug/l	# 44
31) Cyclohexane	5.550	56	6889	1.022	ug/l	# 11
36) 1,1-Dichloropropene	5.556	75	28197	4.586	ug/l	# 50
37) Ethyl Acetate	4.715	43	1464954	228.138	ug/l	99
38) Carbon Tetrachloride	5.556	117	36871	5.959	ug/l	# 15
41) Methacrylonitrile	4.708	41	12059	3.502	ug/l	# 22
48) Methyl methacrylate	7.696	41	6283	1.295	ug/l	91
52) Toluene	8.720	92	5041	0.444	ug/l	95
76) 1,2,3-Trichloropropane	11.079	75	151950	22.928	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	151950	66.976	ug/l	# 15

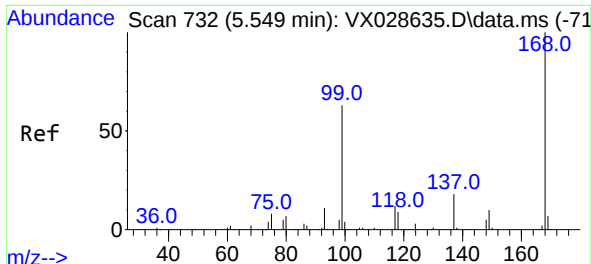
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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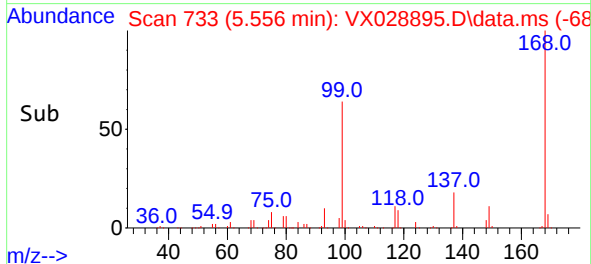
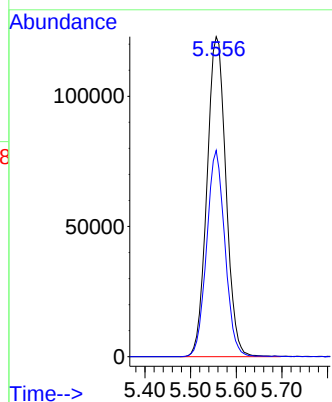
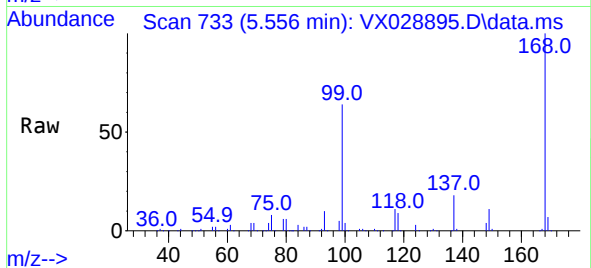




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028895.D
Acq: 23 May 2022 15:35

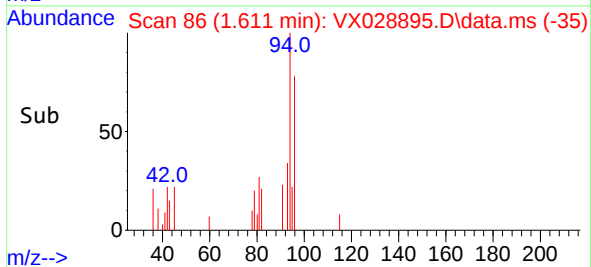
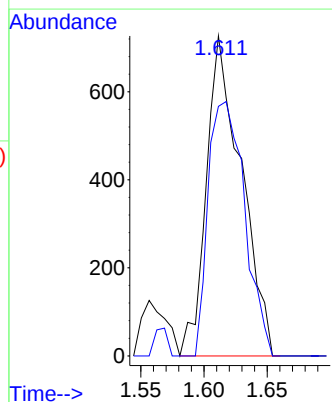
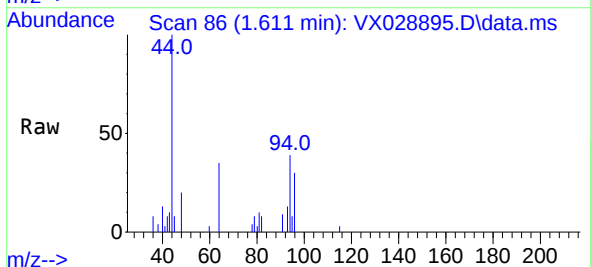
Instrument :
MSVOA_X
ClientSampleId :
PDB-BLANK-20220519

Tgt Ion:168 Resp: 354391
Ion Ratio Lower Upper
168 100
99 64.5 41.7 62.5#

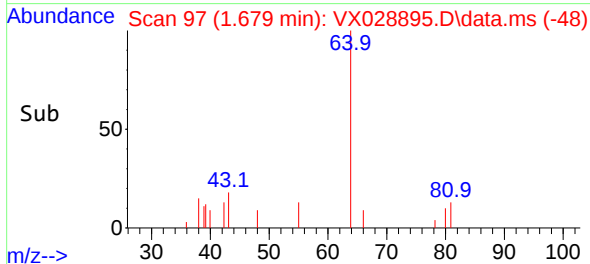
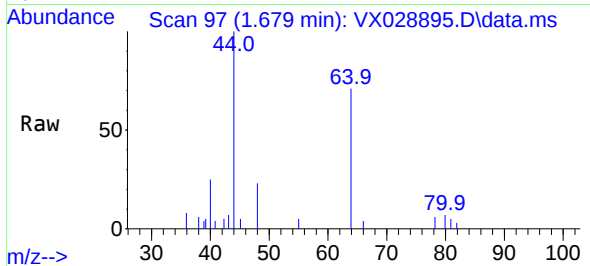
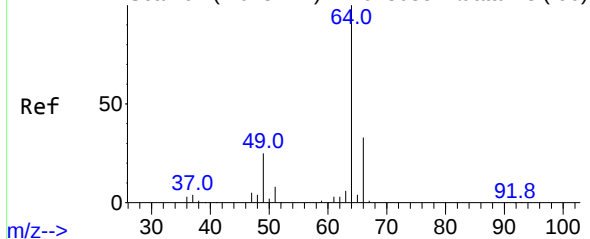


#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX028895.D
Acq: 23 May 2022 15:35

Tgt Ion: 94 Resp: 1398
Ion Ratio Lower Upper
94 100
96 78.0 75.3 112.9



Abundance Scan 97 (1.678 min): VX028635.D\data.ms (-90)



#6

Chloroethane

Concen: Below Cal

RT: 1.679 min Scan# 91

Delta R.T. 0.001 min

Lab File: VX028895.D

Acq: 23 May 2022 15:35

Instrument :

MSVOA_X

ClientSampleId :

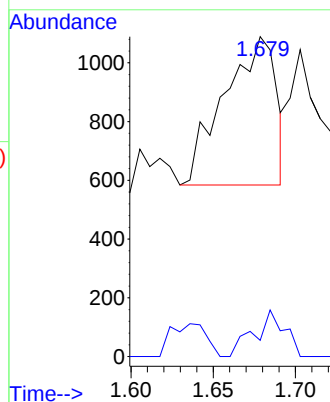
PDB-BLANK-20220519

Tgt Ion: 64 Resp: 1111

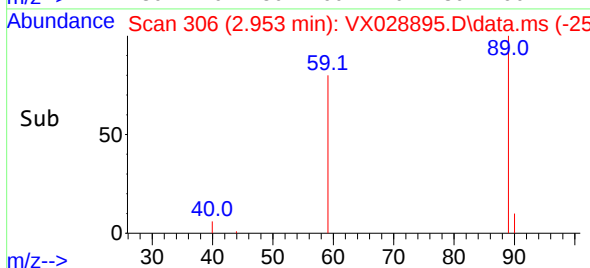
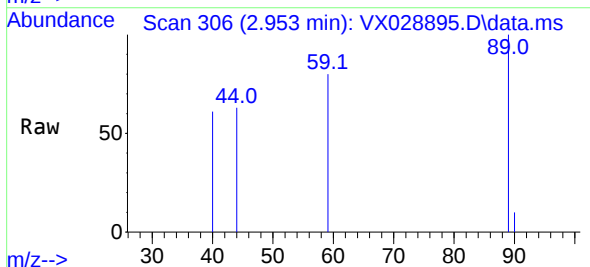
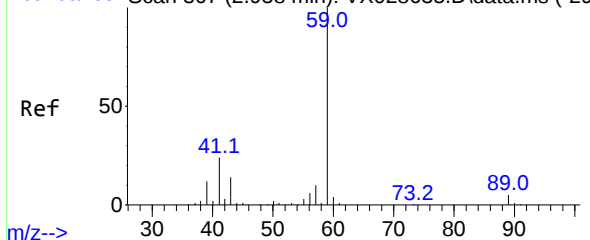
Ion Ratio Lower Upper

64 100

66 0.0 25.3 37.9#



Abundance Scan 307 (2.958 min): VX028635.D\data.ms (-29)



#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.953 min Scan# 306

Delta R.T. -0.005 min

Lab File: VX028895.D

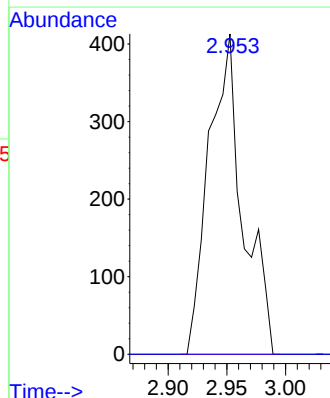
Acq: 23 May 2022 15:35

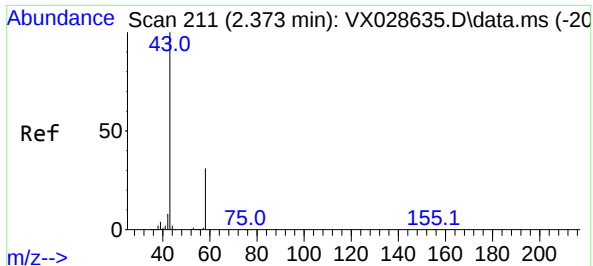
Tgt Ion: 59 Resp: 831

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#

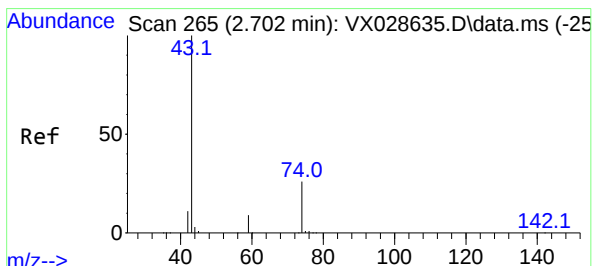
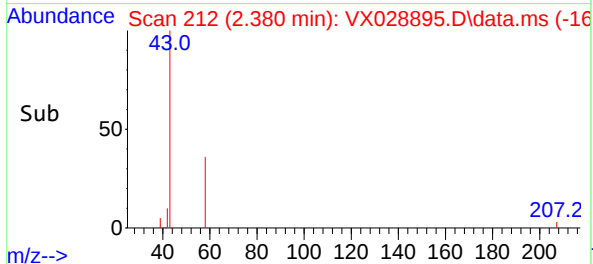
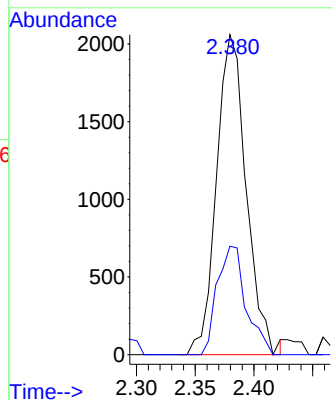
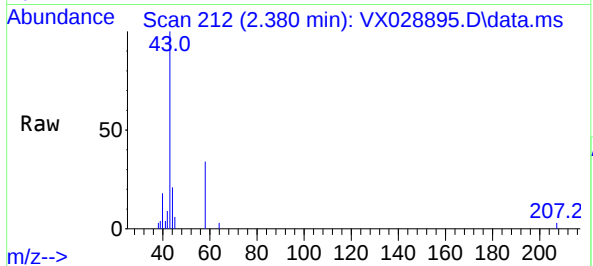




#16
Acetone
Concen: 1.742 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.007 min
Lab File: VX028895.D
Acq: 23 May 2022 15:35

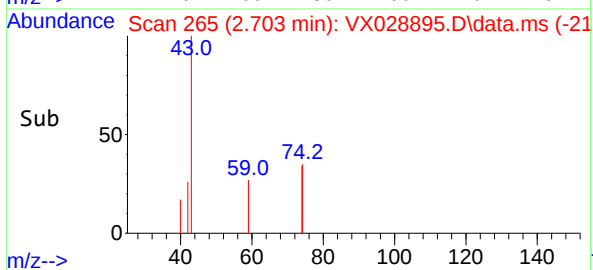
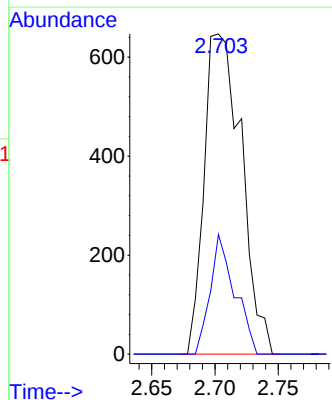
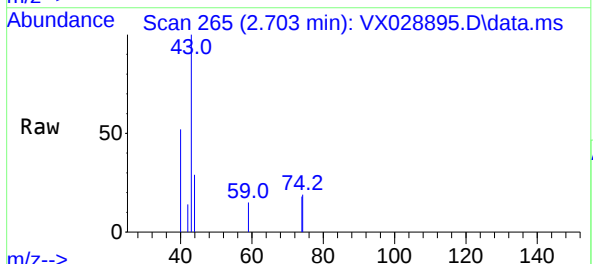
Instrument :
MSVOA_X
ClientSampleId :
PDB-BLANK-20220519

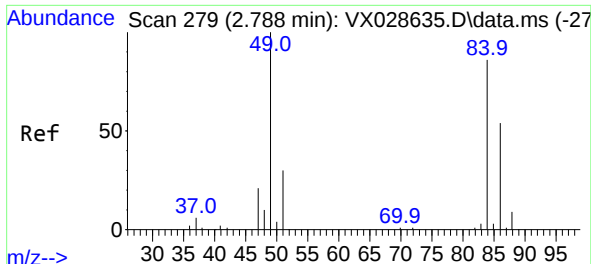
Tgt Ion: 43 Resp: 3632
Ion Ratio Lower Upper
43 100
58 33.9 28.8 43.2



#18
Methyl Acetate
Concen: 0.254 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.001 min
Lab File: VX028895.D
Acq: 23 May 2022 15:35

Tgt Ion: 43 Resp: 1325
Ion Ratio Lower Upper
43 100
74 24.7 22.8 34.2

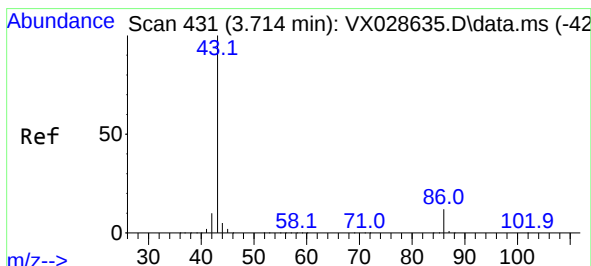
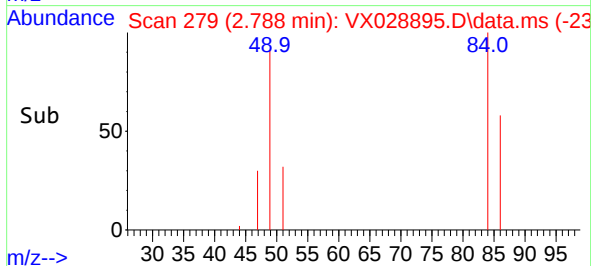
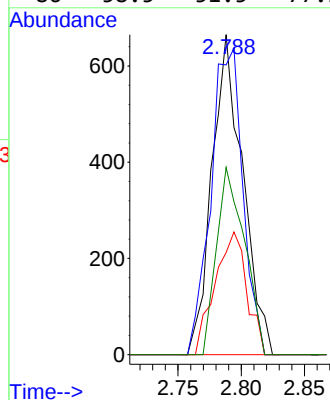
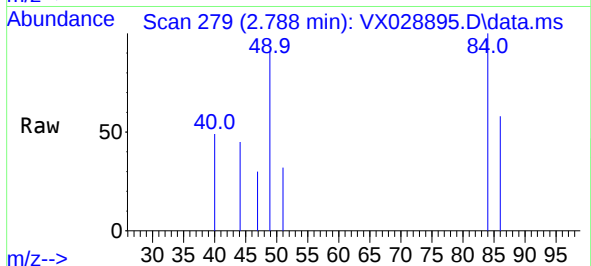




#20
Methylene Chloride
Concen: 0.257 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX028895.D
Acq: 23 May 2022 15:35

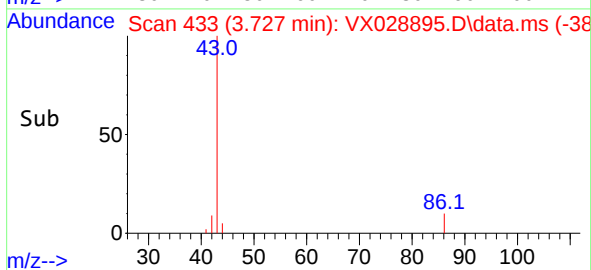
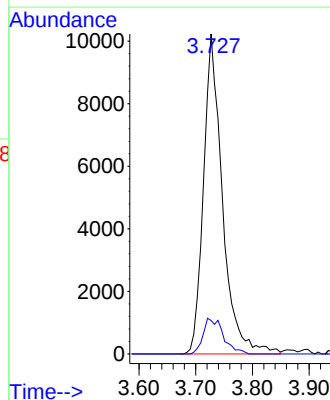
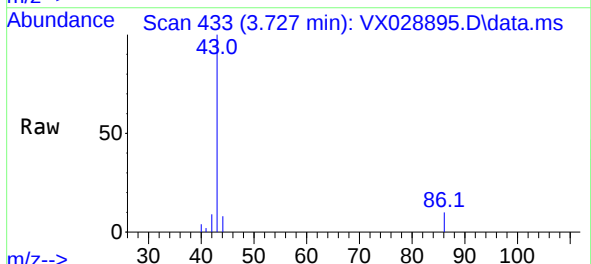
Instrument :
MSVOA_X
ClientSampleId :
PDB-BLANK-20220519

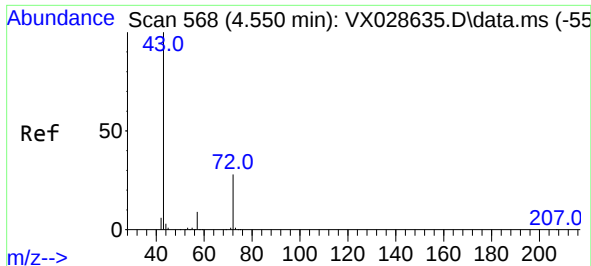
Tgt Ion:	84	Resp:	1126
Ion	Ratio	Lower	Upper
84	100		
49	90.5	85.5	128.3
51	31.9	26.6	39.8
86	58.5	51.5	77.3



#23
Vinyl Acetate
Concen: 2.191 ug/l
RT: 3.727 min Scan# 433
Delta R.T. 0.013 min
Lab File: VX028895.D
Acq: 23 May 2022 15:35

Tgt Ion:	43	Resp:	23745
Ion	Ratio	Lower	Upper
43	100		
86	10.4	10.8	16.2

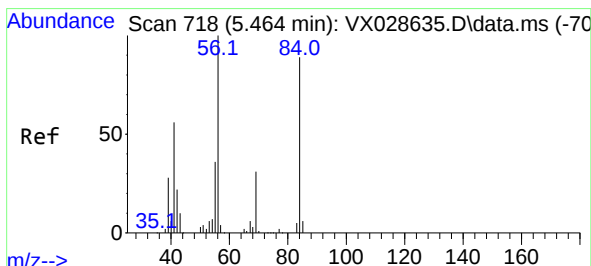
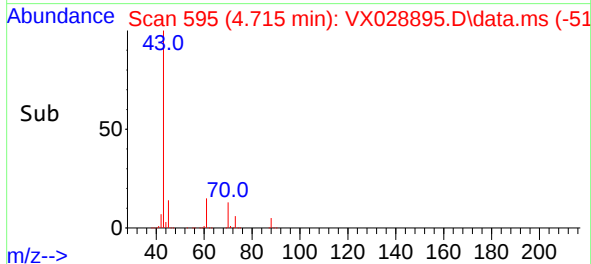
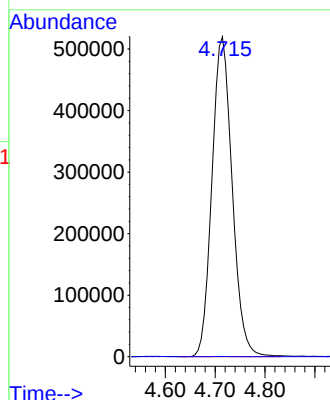
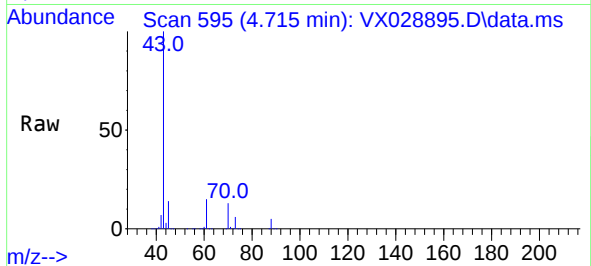




#25
2-Butanone
Concen: 446.762 ug/l
RT: 4.715 min Scan# 51
Delta R.T. 0.165 min
Lab File: VX028895.D
Acq: 23 May 2022 15:35

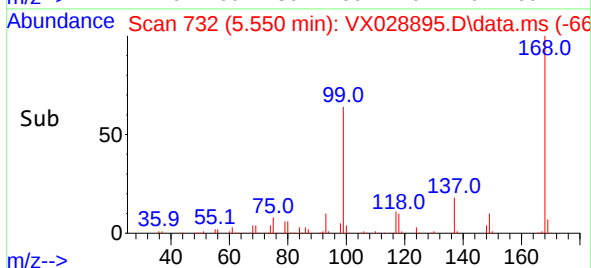
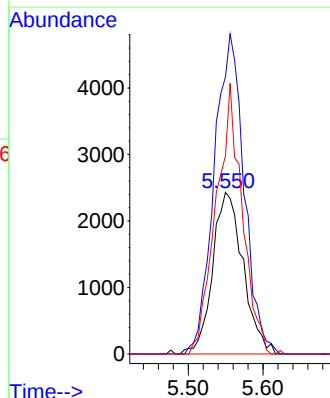
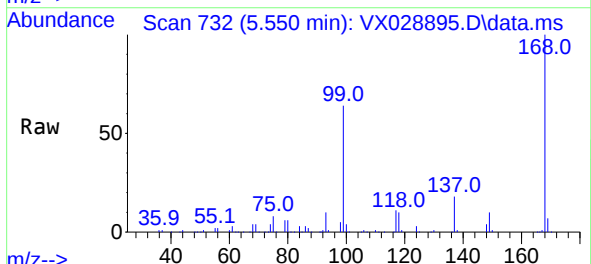
Instrument :
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ClientSampleId :
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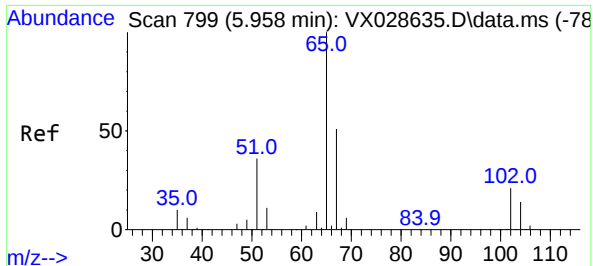
Tgt Ion: 43 Resp: 1462068
Ion Ratio Lower Upper
43 100
72 0.1 24.4 36.6#



#31
Cyclohexane
Concen: 1.022 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.086 min
Lab File: VX028895.D
Acq: 23 May 2022 15:35

Tgt Ion: 56 Resp: 6889
Ion Ratio Lower Upper
56 100
69 171.4 26.7 40.1#
84 131.4 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 49.912 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028895.D

Acq: 23 May 2022 15:35

Instrument :

MSVOA_X

ClientSampleId :

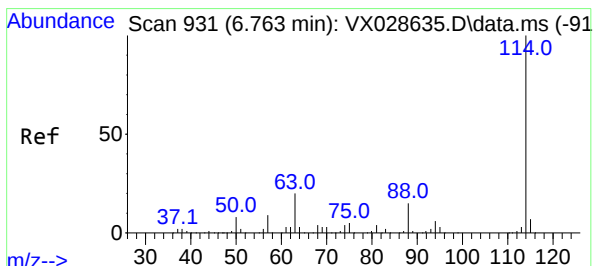
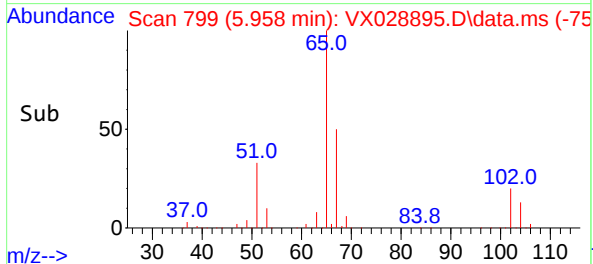
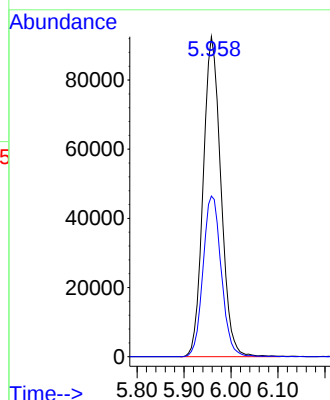
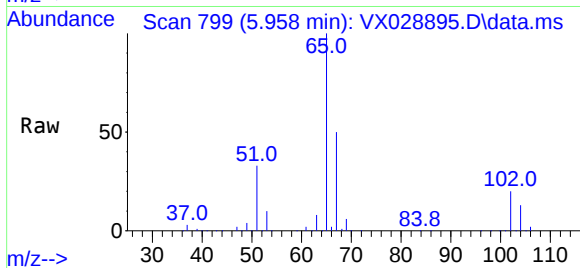
PDB-BLANK-20220519

Tgt Ion: 65 Resp: 242465

Ion Ratio Lower Upper

65 100

67 51.6 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: VX028895.D

Acq: 23 May 2022 15:35

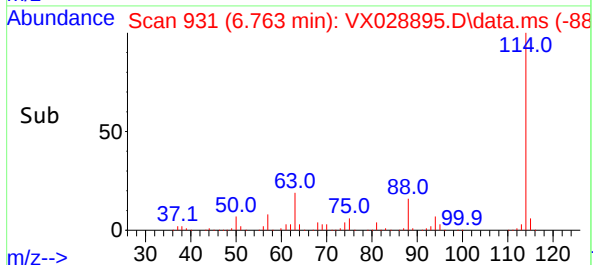
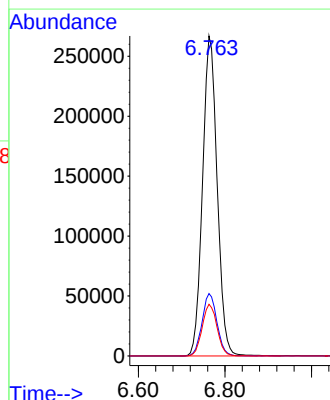
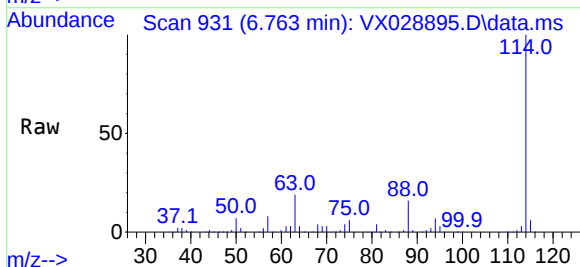
Tgt Ion: 114 Resp: 624736

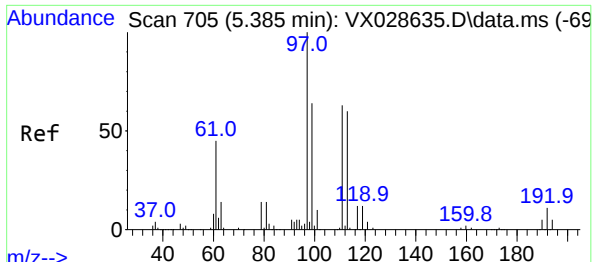
Ion Ratio Lower Upper

114 100

63 19.5 0.0 36.8

88 16.1 0.0 32.4

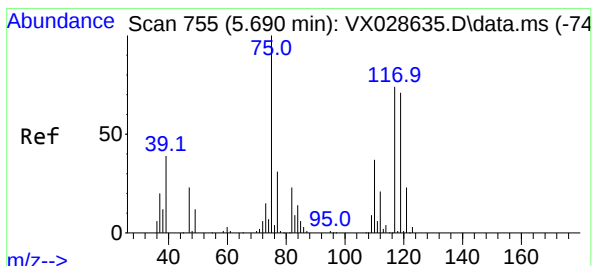
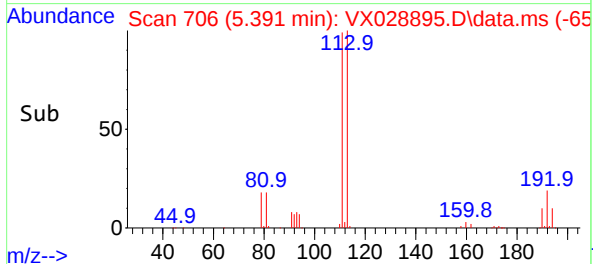
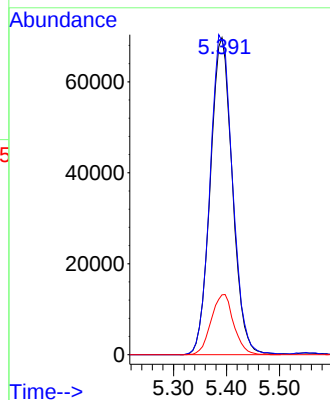
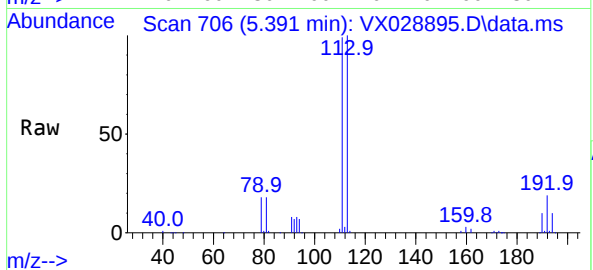




#35
Dibromofluoromethane
Concen: 49.188 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX028895.D
Acq: 23 May 2022 15:35

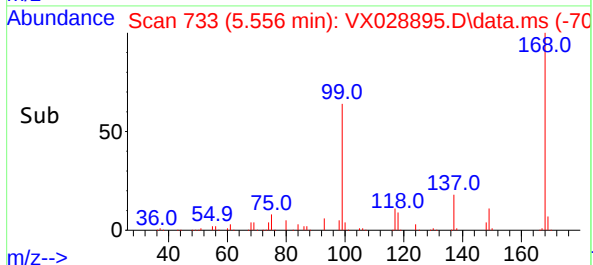
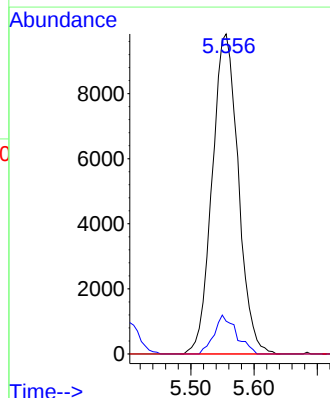
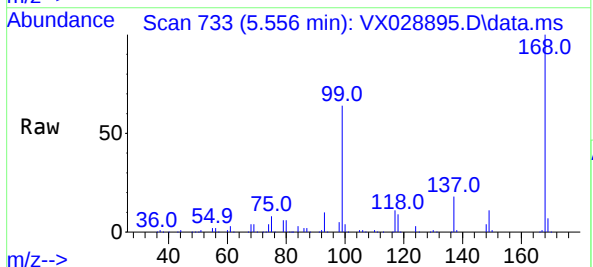
Instrument :
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ClientSampleId :
PDB-BLANK-20220519

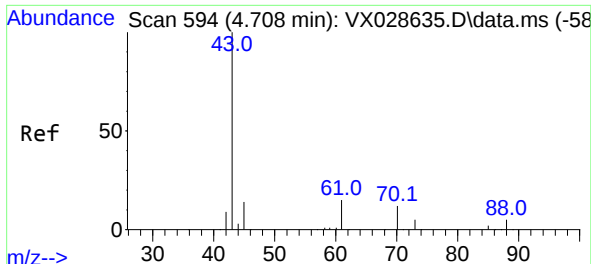
Tgt Ion:113 Resp: 201337
Ion Ratio Lower Upper
113 100
111 102.8 82.8 124.2
192 19.4 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.586 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX028895.D
Acq: 23 May 2022 15:35

Tgt Ion: 75 Resp: 28197
Ion Ratio Lower Upper
75 100
110 10.4 18.3 54.8#
77 0.0 24.8 37.2#





#37

Ethyl Acetate

Concen: 228.138 ug/l

RT: 4.715 min Scan# 51

Delta R.T. 0.007 min

Lab File: VX028895.D

Acq: 23 May 2022 15:35

Instrument :

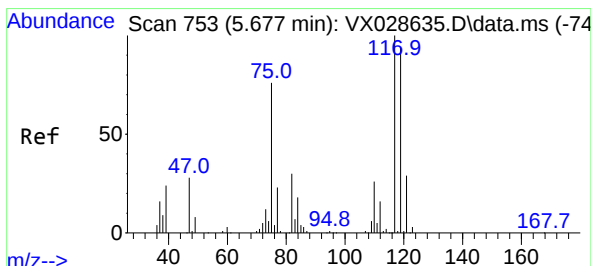
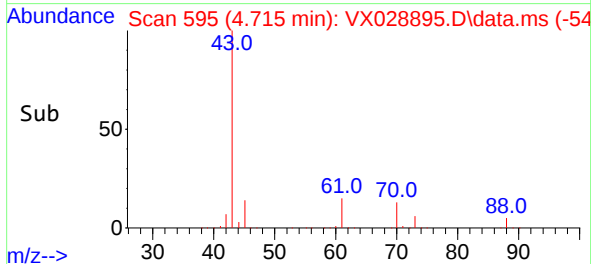
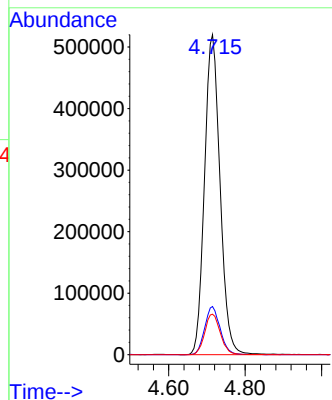
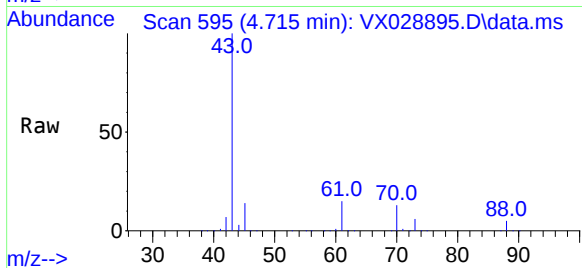
MSVOA_X

ClientSampleId :

PDB-BLANK-20220519

Tgt Ion: 43 Resp: 1464954

Ion	Ratio	Lower	Upper
43	100		
61	15.0	12.6	19.0
70	12.8	10.2	15.2



#38

Carbon Tetrachloride

Concen: 5.959 ug/l

RT: 5.556 min Scan# 733

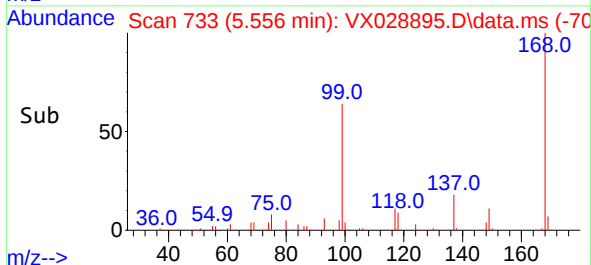
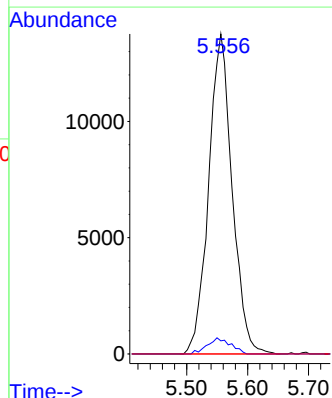
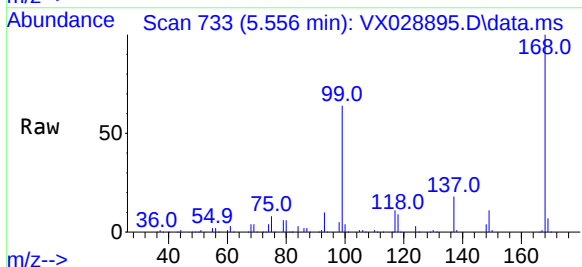
Delta R.T. -0.121 min

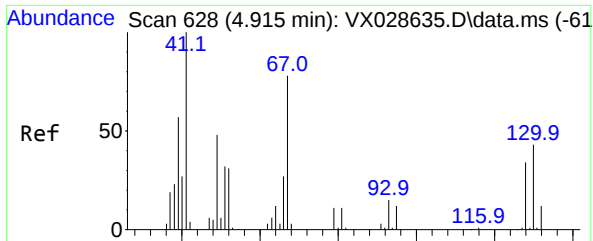
Lab File: VX028895.D

Acq: 23 May 2022 15:35

Tgt Ion: 117 Resp: 36871

Ion	Ratio	Lower	Upper
117	100		
119	4.1	77.3	115.9#
121	0.0	24.2	36.2#



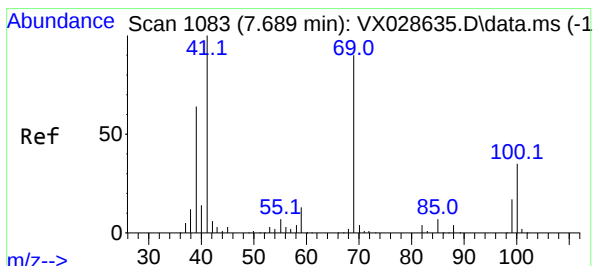
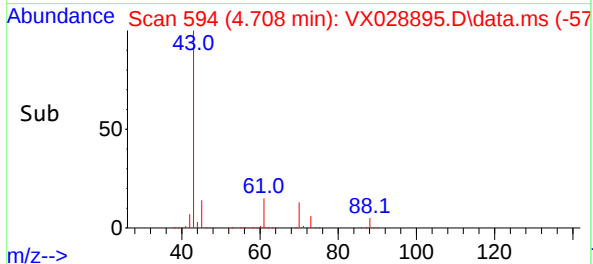
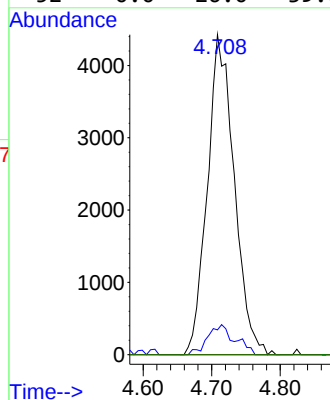
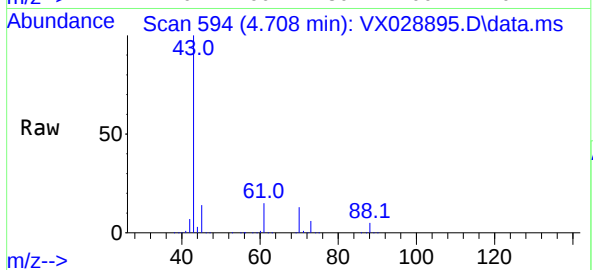


#41
Methacrylonitrile
Concen: 3.502 ug/l
RT: 4.708 min Scan# 51
Delta R.T. -0.207 min
Lab File: VX028895.D
Acq: 23 May 2022 15:35

Instrument :
MSVOA_X
ClientSampleId :
PDB-BLANK-20220519

Tgt Ion: 41 Resp: 12059

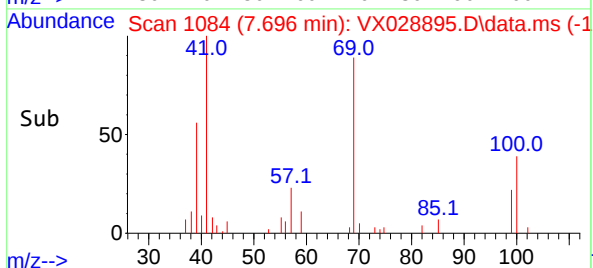
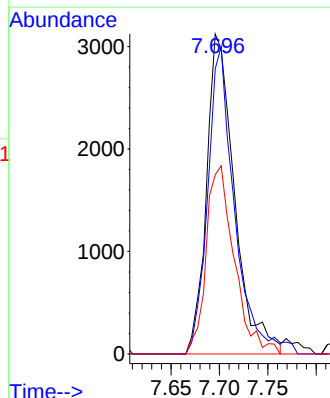
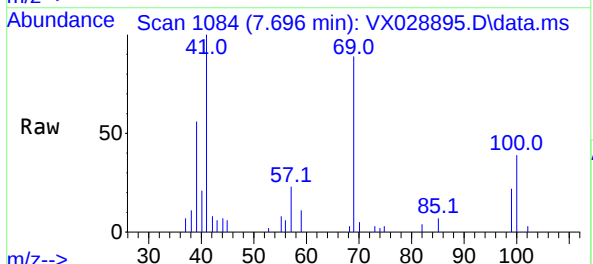
Ion	Ratio	Lower	Upper
41	100		
39	9.5	43.0	64.4#
67	0.0	70.2	105.4#
52	0.0	26.0	39.0#

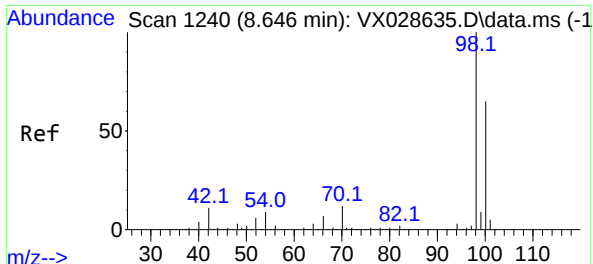


#48
Methyl methacrylate
Concen: 1.295 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.007 min
Lab File: VX028895.D
Acq: 23 May 2022 15:35

Tgt Ion: 41 Resp: 6283

Ion	Ratio	Lower	Upper
41	100		
69	92.4	82.5	123.7
39	59.0	43.8	65.8





#50

Toluene-d8

Concen: 47.740 ug/l

RT: 8.653 min Scan# 11

Delta R.T. 0.007 min

Lab File: VX028895.D

Acq: 23 May 2022 15:35

Instrument :

MSVOA_X

ClientSampleId :

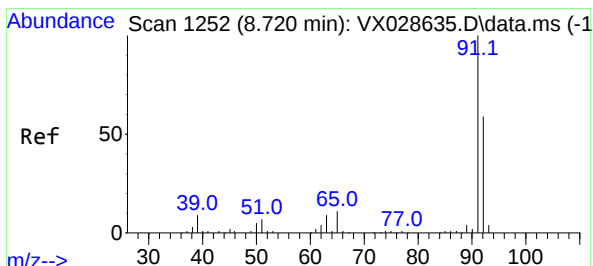
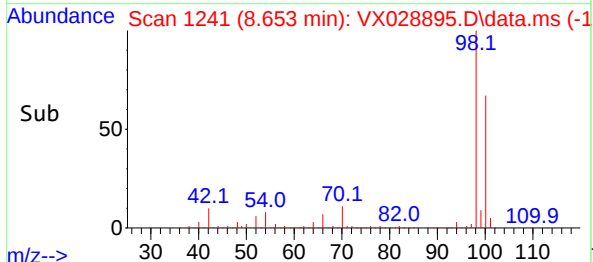
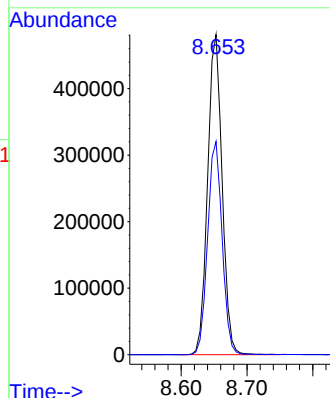
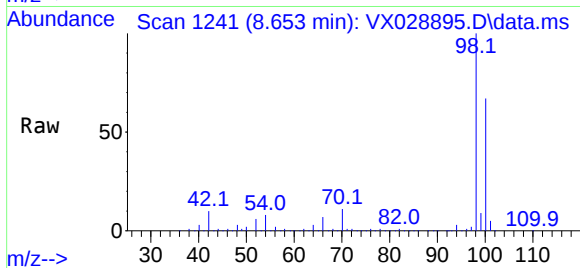
PDB-BLANK-20220519

Tgt Ion: 98 Resp: 736733

Ion Ratio Lower Upper

98 100

100 66.8 52.6 78.8



#52

Toluene

Concen: 0.444 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX028895.D

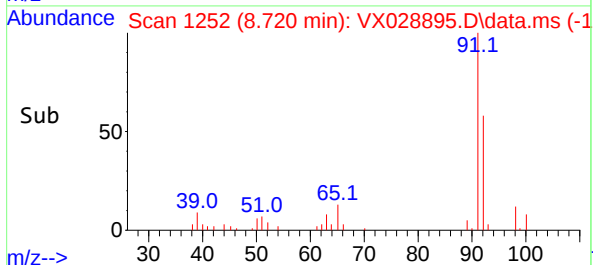
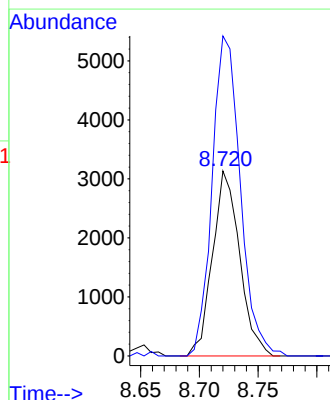
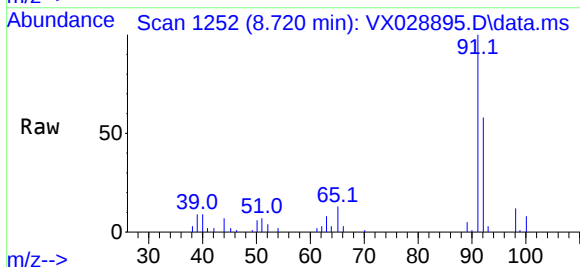
Acq: 23 May 2022 15:35

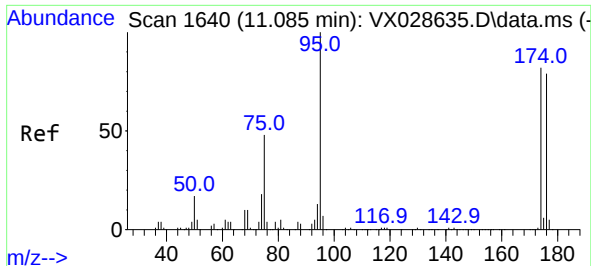
Tgt Ion: 92 Resp: 5041

Ion Ratio Lower Upper

92 100

91 179.3 137.5 206.3

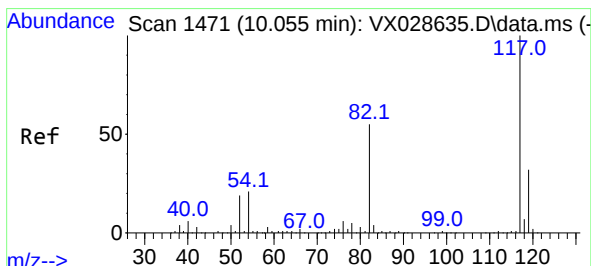
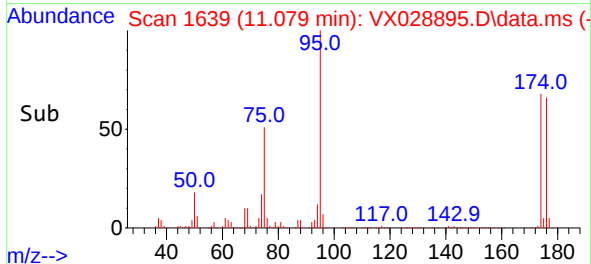
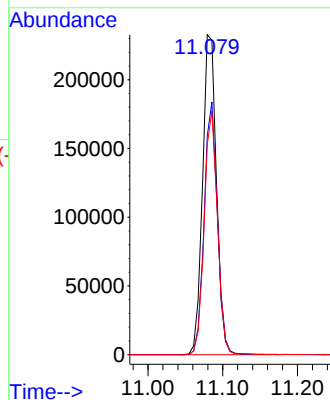
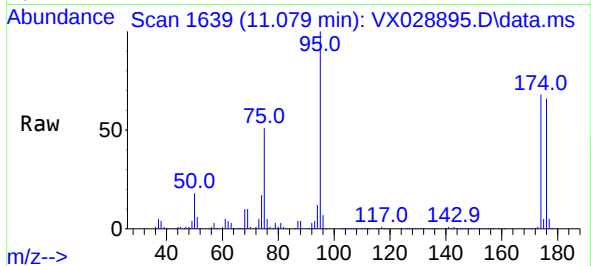




#62
4-Bromofluorobenzene
Concen: 52.149 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX028895.D
Acq: 23 May 2022 15:35

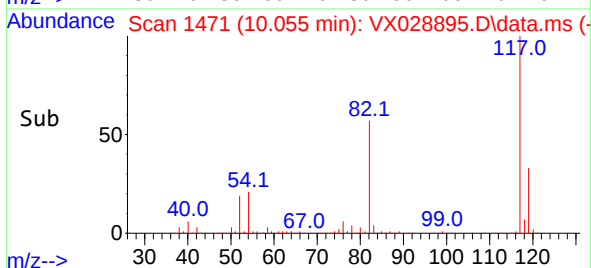
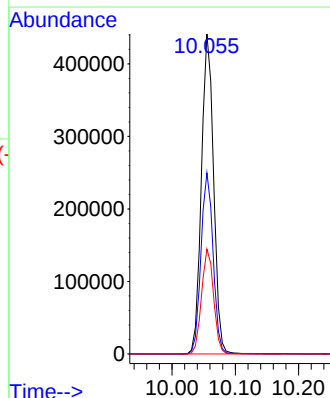
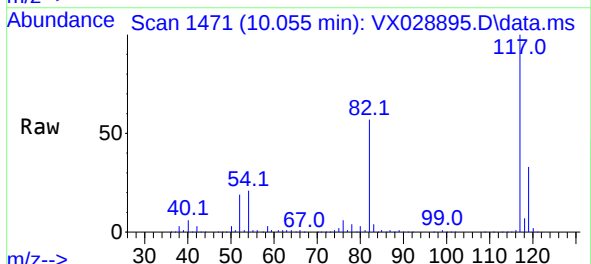
Instrument :
MSVOA_X
ClientSampleId :
PDB-BLANK-20220519

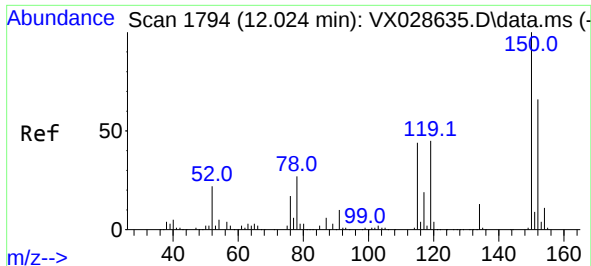
Tgt Ion: 95 Resp: 300585
Ion Ratio Lower Upper
95 100
174 75.6 0.0 163.0
176 72.4 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028895.D
Acq: 23 May 2022 15:35

Tgt Ion: 117 Resp: 592740
Ion Ratio Lower Upper
117 100
82 56.6 41.8 62.8
119 32.7 24.8 37.2

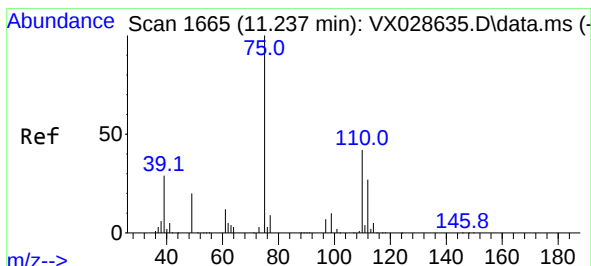
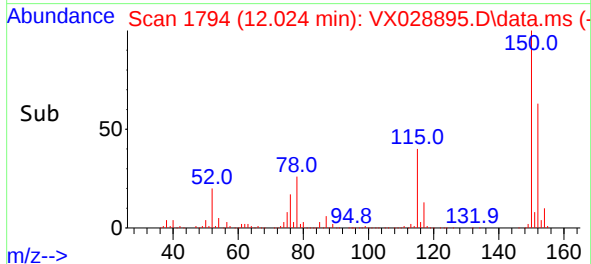
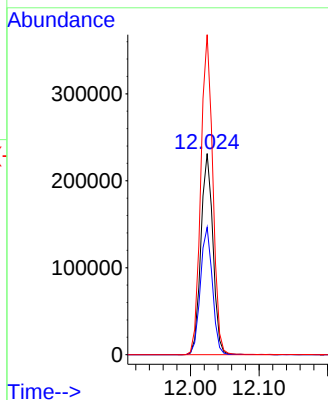
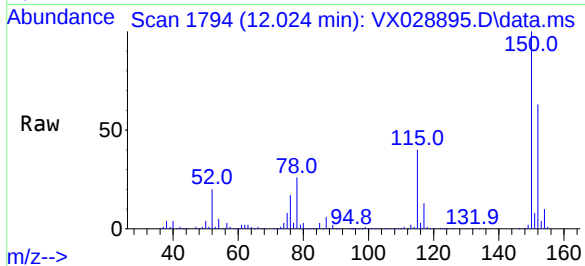




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028895.D
Acq: 23 May 2022 15:35

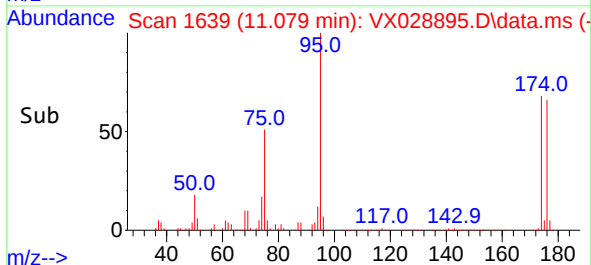
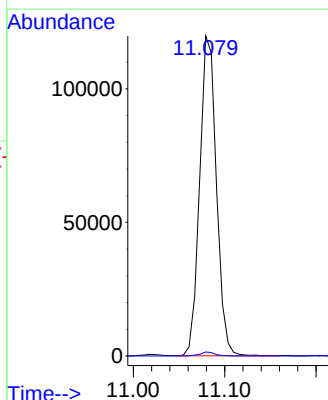
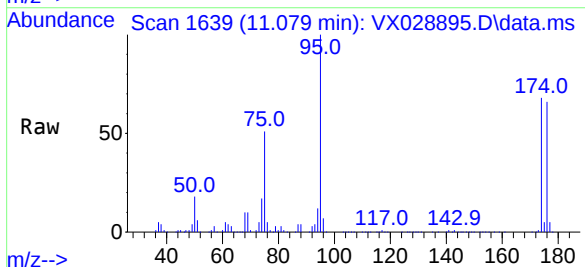
Instrument :
MSVOA_X
ClientSampleId :
PDB-BLANK-20220519

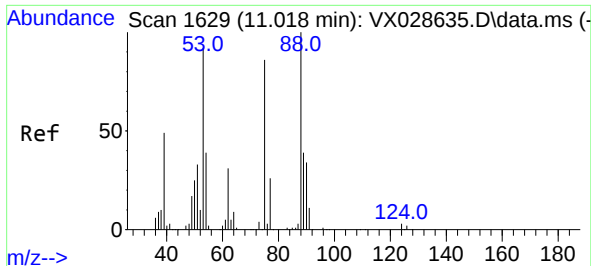
Tgt Ion:152 Resp: 282985
Ion Ratio Lower Upper
152 100
115 63.4 37.5 112.7
150 158.3 0.0 338.2



#76
1,2,3-Trichloropropane
Concen: 22.928 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX028895.D
Acq: 23 May 2022 15:35

Tgt Ion: 75 Resp: 151950
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#





#81
trans-1,4-Dichloro-2-butene
Concen: 66.976 ug/l
RT: 11.079 min Scan# 10
Delta R.T. 0.061 min
Lab File: VX028895.D
Acq: 23 May 2022 15:35

Instrument :
MSVOA_X
ClientSampleId :
PDB-BLANK-20220519

Tgt Ion: 75 Resp: 151950
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

