

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052022\
 Data File : VX028877.D
 Acq On : 21 May 2022 02:38
 Operator : JC/MD
 Sample : N2970-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PDB-BLANK-20220519

Quant Time: May 21 06:08:02 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)

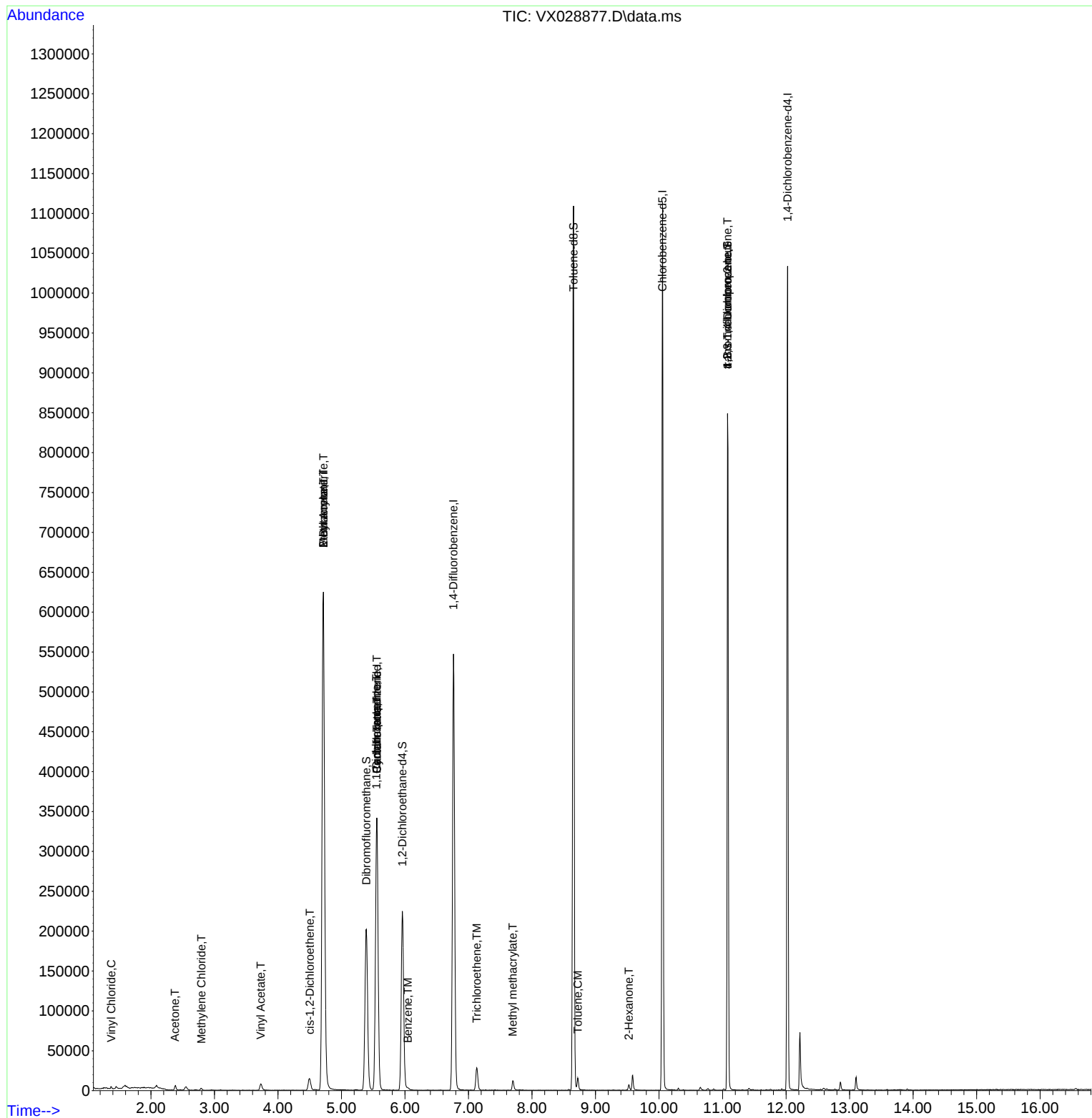
Internal Standards						
1) Pentafluorobenzene	5.556	168	317621	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	554231	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	489357	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	207514	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	225915	51.889	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	103.780%
35) Dibromofluoromethane	5.391	113	177884	48.987	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.980%
50) Toluene-d8	8.653	98	652380	47.652	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.300%
62) 4-Bromofluorobenzene	11.079	95	230331	45.044	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	90.080%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.374	62	1629	0.386	ug/l	97
5) Bromomethane	1.618	94	978	Below Cal		100
6) Chloroethane	1.703	64	1343	Below Cal	#	43
11) Tert butyl alcohol	2.959	59	402	Below Cal	#	72
16) Acetone	2.380	43	6024	3.224	ug/l	88
20) Methylene Chloride	2.794	84	1175	0.300	ug/l	96
23) Vinyl Acetate	3.727	43	15345	1.580	ug/l #	91
25) 2-Butanone	4.715	43	1048783	357.575	ug/l #	44
27) cis-1,2-Dichloroethene	4.501	96	10340	2.391	ug/l	86
31) Cyclohexane	5.556	56	6901	1.142	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	25877	4.745	ug/l #	50
37) Ethyl Acetate	4.715	43	1051312	184.549	ug/l	99
38) Carbon Tetrachloride	5.556	117	34289	6.247	ug/l #	15
40) Benzene	6.044	78	3149	0.201	ug/l	94
41) Methacrylonitrile	4.715	41	9659	3.162	ug/l #	21
44) Trichloroethene	7.129	130	11342	2.668	ug/l	99
48) Methyl methacrylate	7.696	41	5926	1.376	ug/l	86
52) Toluene	8.720	92	5283	0.524	ug/l	100
59) 2-Hexanone	9.525	43	1130	0.248	ug/l #	31
76) 1,2,3-Trichloropropane	11.079	75	121273	24.954	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	121273	72.553	ug/l #	15

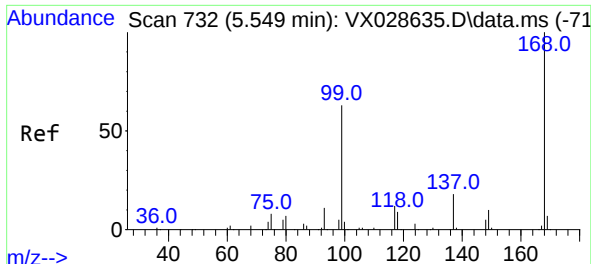
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu May 12 14:58:53 2022
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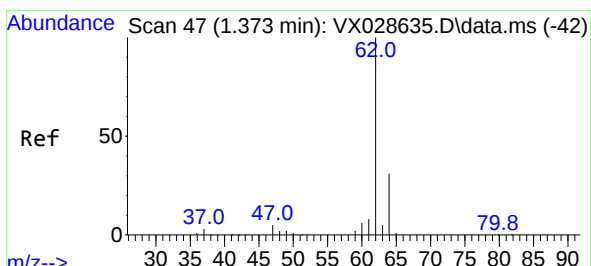
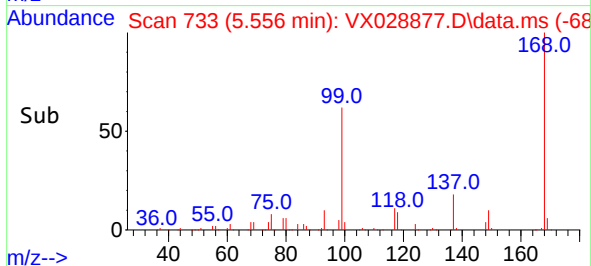
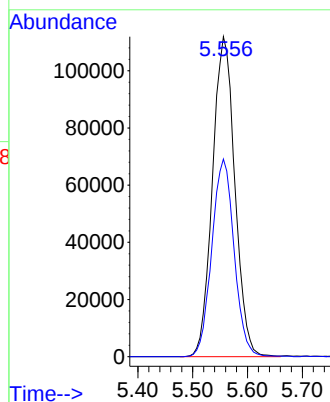
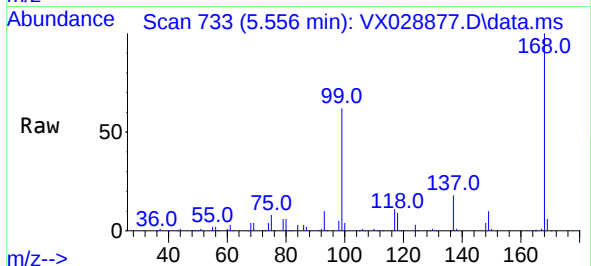




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028877.D
Acq: 21 May 2022 02:38

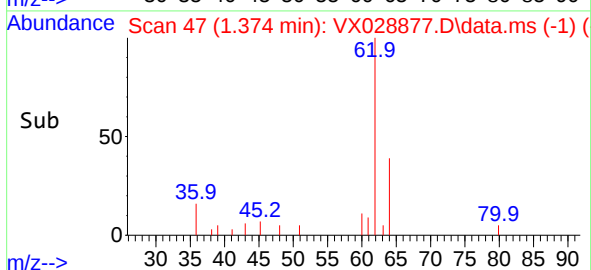
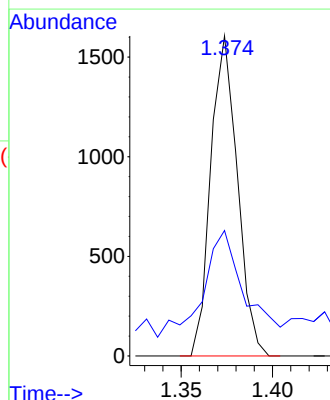
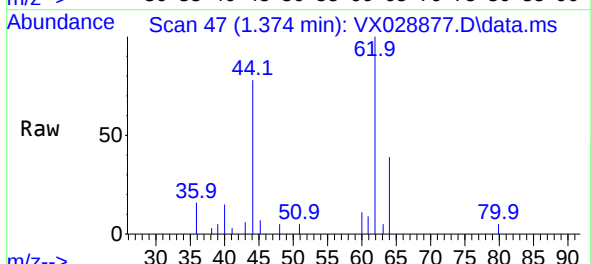
Instrument :
MSVOA_X
ClientSampleId :
PDB-BLANK-20220519

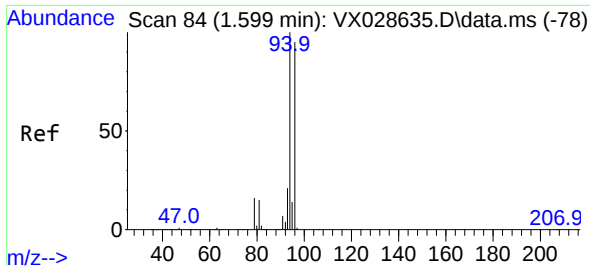
Tgt Ion:168 Resp: 317621
Ion Ratio Lower Upper
168 100
99 61.8 41.7 62.5



#4
Vinyl Chloride
Concen: 0.386 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.001 min
Lab File: VX028877.D
Acq: 21 May 2022 02:38

Tgt Ion: 62 Resp: 1629
Ion Ratio Lower Upper
62 100
64 30.2 25.5 38.3

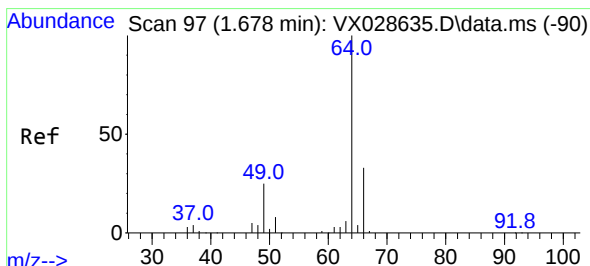
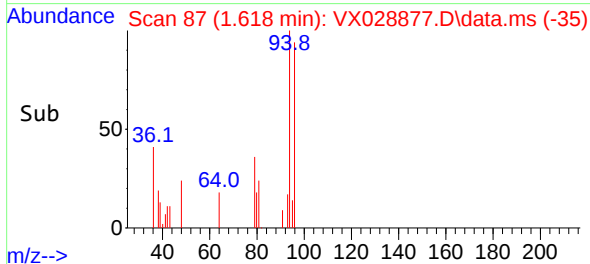
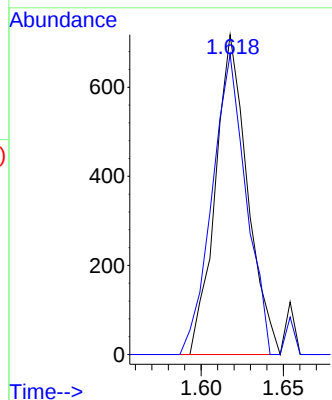
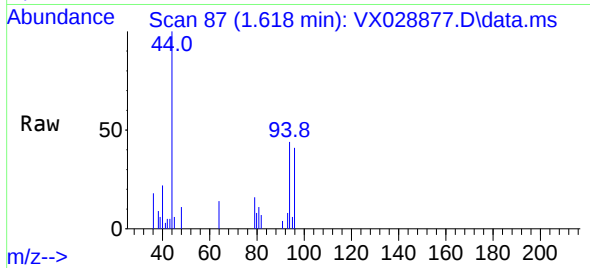




#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 81
Delta R.T. 0.019 min
Lab File: VX028877.D
Acq: 21 May 2022 02:38

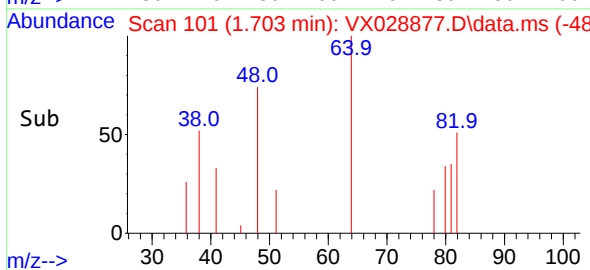
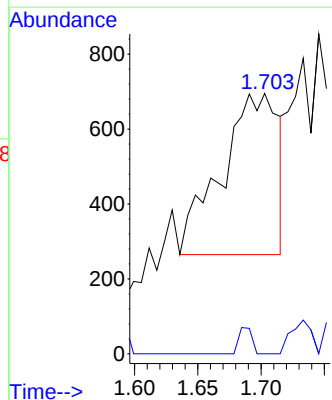
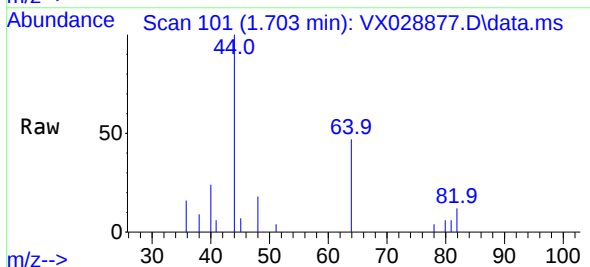
Instrument :
MSVOA_X
ClientSampleId :
PDB-BLANK-20220519

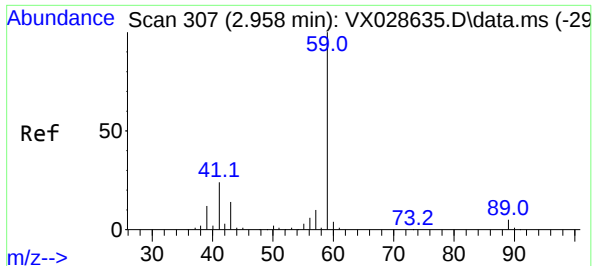
Tgt Ion: 94 Resp: 978
Ion Ratio Lower Upper
94 100
96 93.9 75.3 112.9



#6
Chloroethane
Concen: Below Cal
RT: 1.703 min Scan# 101
Delta R.T. 0.025 min
Lab File: VX028877.D
Acq: 21 May 2022 02:38

Tgt Ion: 64 Resp: 1343
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#

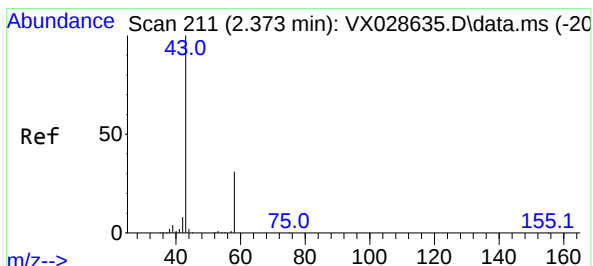
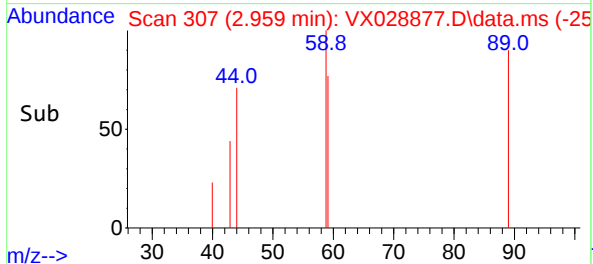
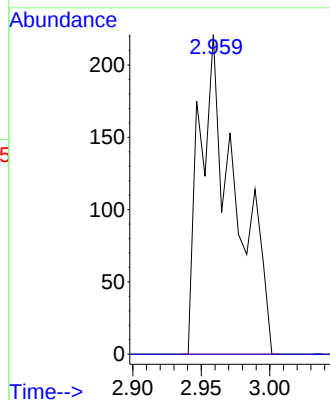
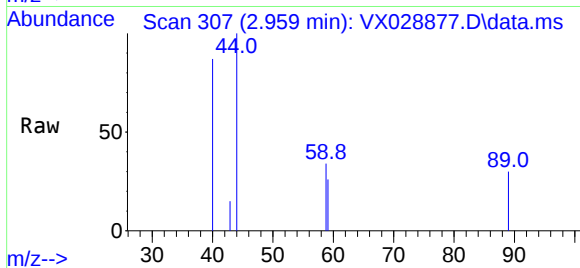




#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.959 min Scan# 307
Delta R.T. 0.001 min
Lab File: VX028877.D
Acq: 21 May 2022 02:38

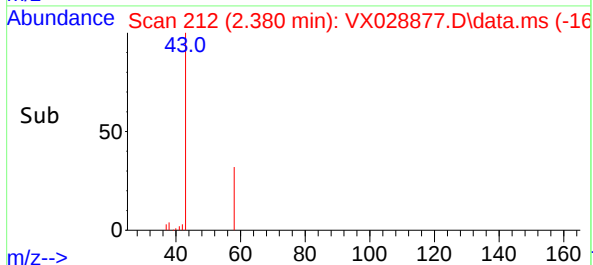
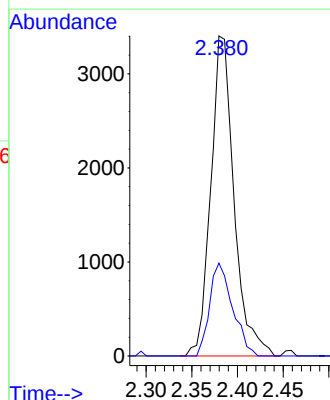
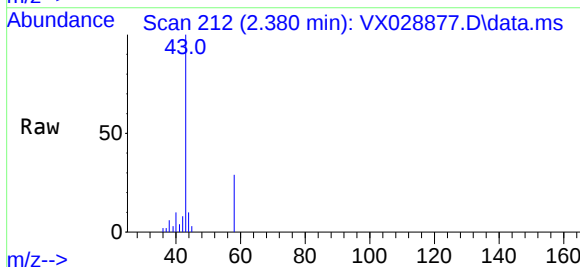
Instrument :
MSVOA_X
ClientSampleId :
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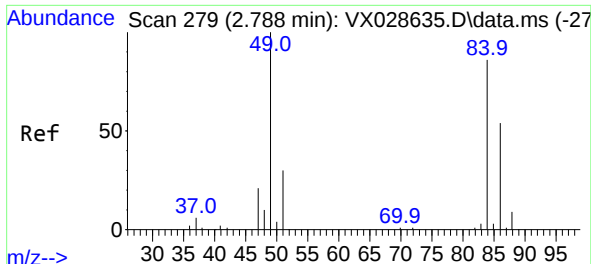
Tgt Ion: 59 Resp: 402
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#16
Acetone
Concen: 3.224 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.007 min
Lab File: VX028877.D
Acq: 21 May 2022 02:38

Tgt Ion: 43 Resp: 6024
Ion Ratio Lower Upper
43 100
58 29.0 28.8 43.2

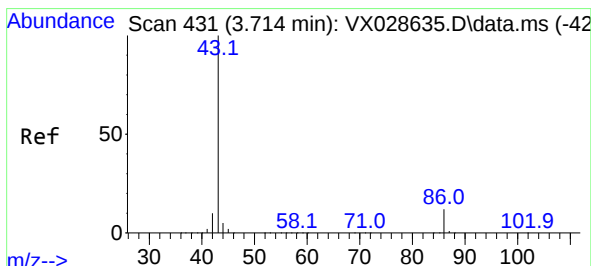
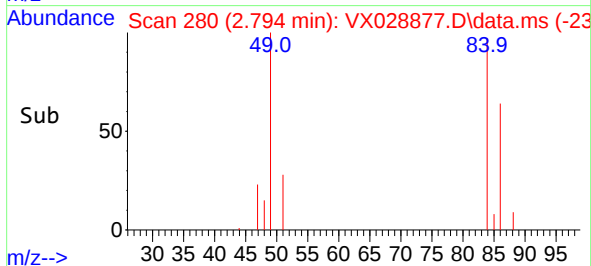
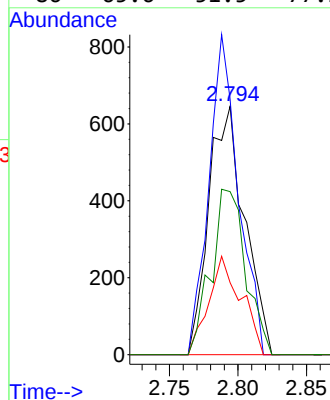
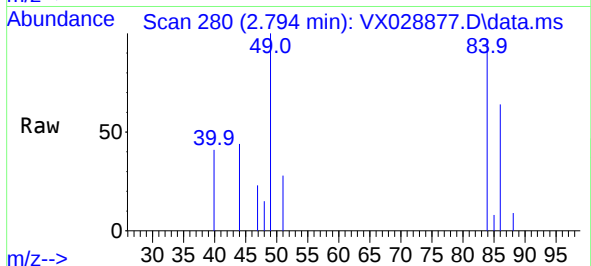




#20
Methylene Chloride
Concen: 0.300 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX028877.D
Acq: 21 May 2022 02:38

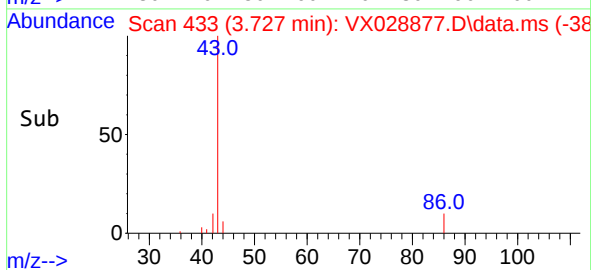
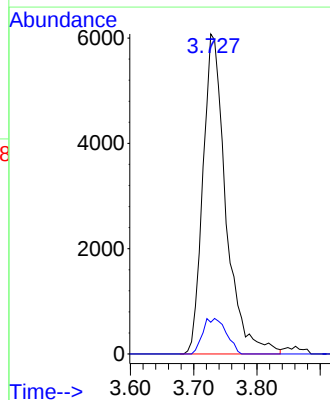
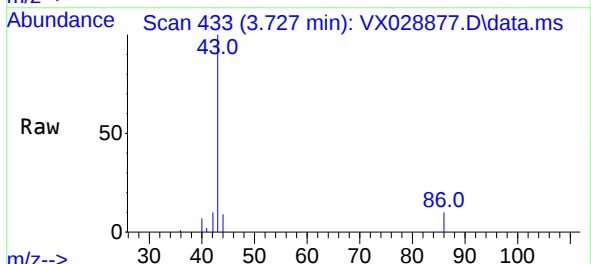
Instrument :
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ClientSampleId :
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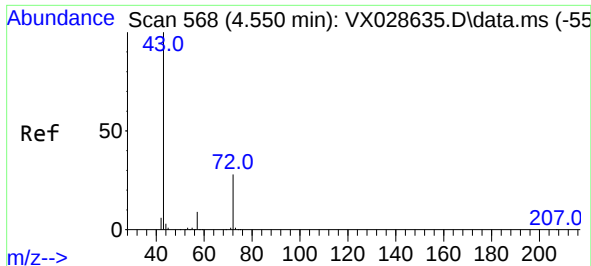
Tgt Ion:	84	Resp:	1175
Ion	Ratio	Lower	Upper
84	100		
49	102.8	85.5	128.3
51	28.9	26.6	39.8
86	65.6	51.5	77.3



#23
Vinyl Acetate
Concen: 1.580 ug/l
RT: 3.727 min Scan# 433
Delta R.T. 0.013 min
Lab File: VX028877.D
Acq: 21 May 2022 02:38

Tgt Ion:	43	Resp:	15345
Ion	Ratio	Lower	Upper
43	100		
86	9.9	10.8	16.2

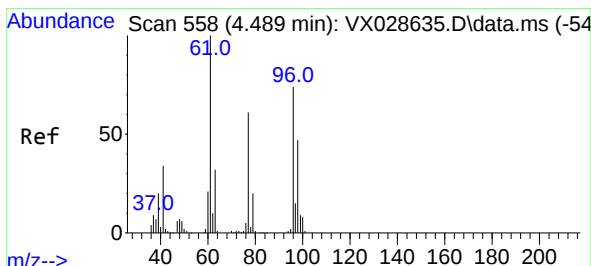
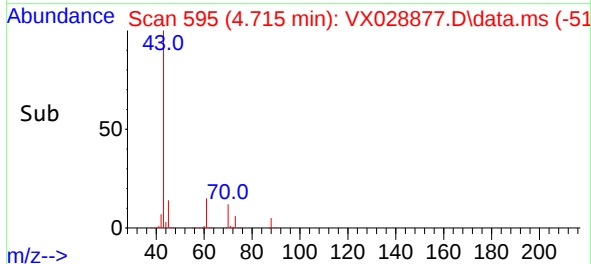
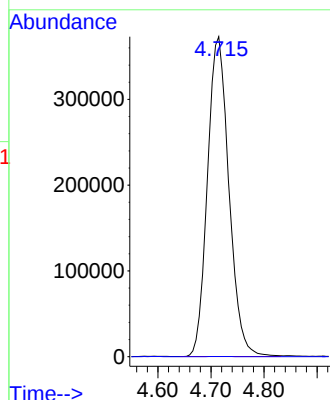
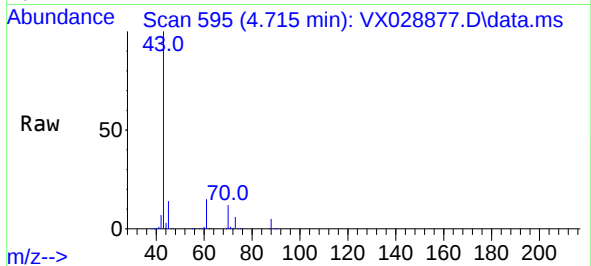




#25
2-Butanone
Concen: 357.575 ug/l
RT: 4.715 min Scan# 51
Delta R.T. 0.165 min
Lab File: VX028877.D
Acq: 21 May 2022 02:38

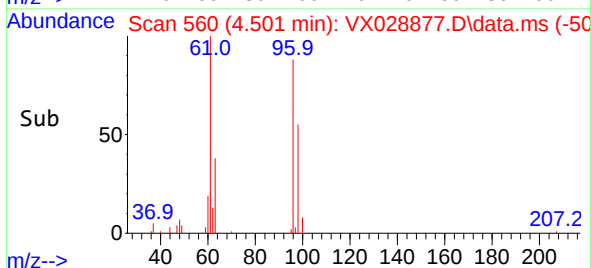
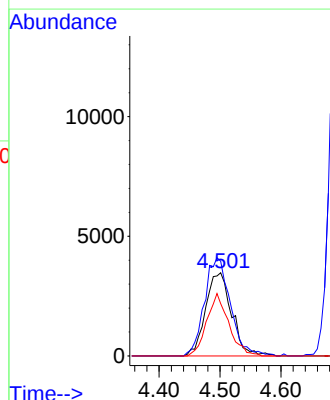
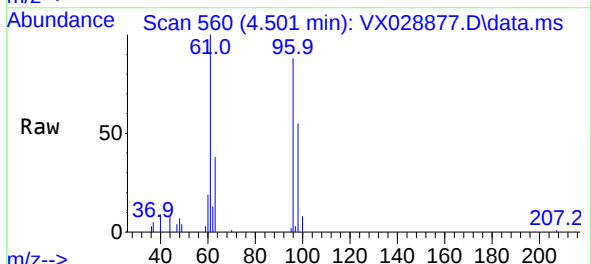
Instrument :
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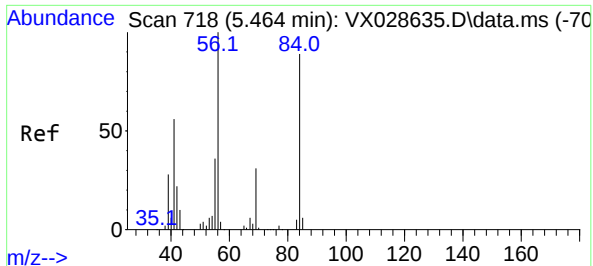
Tgt Ion: 43 Resp: 1048783
Ion Ratio Lower Upper
43 100
72 0.1 24.4 36.6#



#27
cis-1,2-Dichloroethene
Concen: 2.391 ug/l
RT: 4.501 min Scan# 560
Delta R.T. 0.012 min
Lab File: VX028877.D
Acq: 21 May 2022 02:38

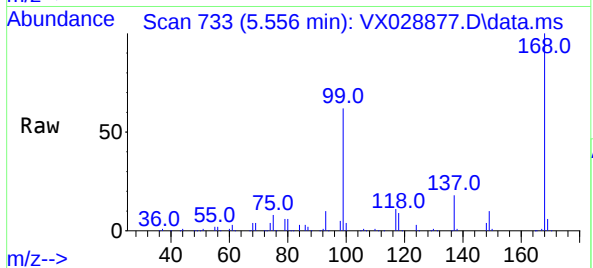
Tgt Ion: 96 Resp: 10340
Ion Ratio Lower Upper
96 100
61 117.7 0.0 283.8
98 63.3 0.0 129.8



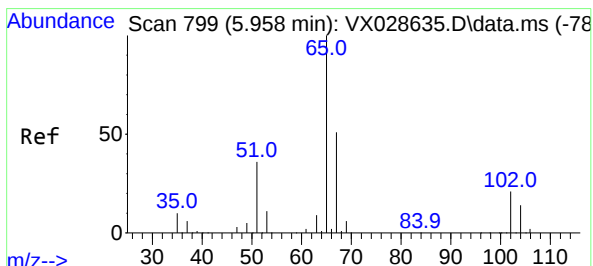
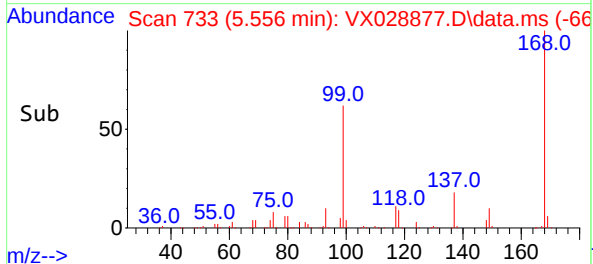
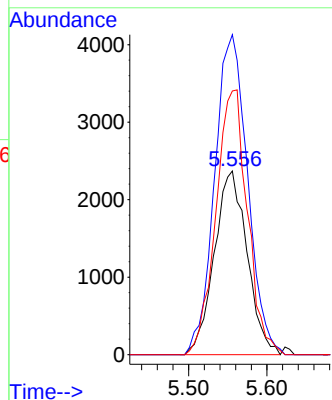


#31
Cyclohexane
Concen: 1.142 ug/l
RT: 5.556 min Scan# 718
Delta R.T. 0.092 min
Lab File: VX028877.D
Acq: 21 May 2022 02:38

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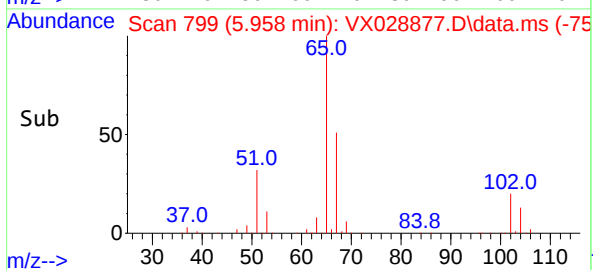
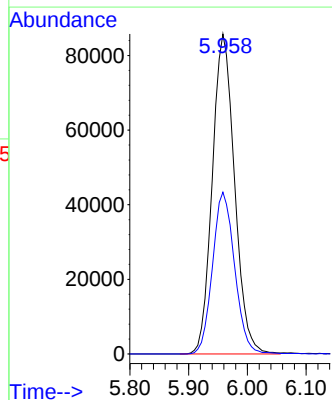
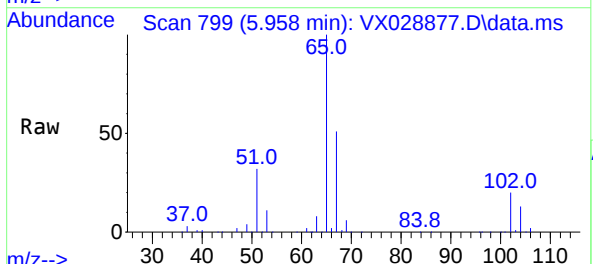


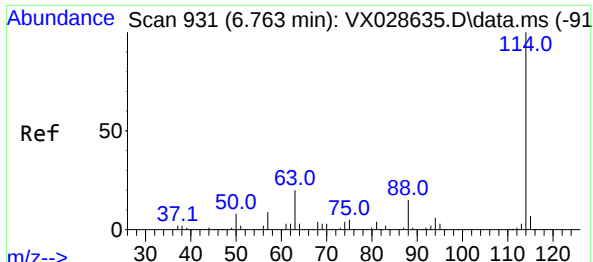
Tgt Ion: 56 Resp: 6901
Ion Ratio Lower Upper
56 100
69 174.2 26.7 40.1#
84 143.6 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 51.889 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028877.D
Acq: 21 May 2022 02:38

Tgt Ion: 65 Resp: 225915
Ion Ratio Lower Upper
65 100
67 50.2 0.0 107.4

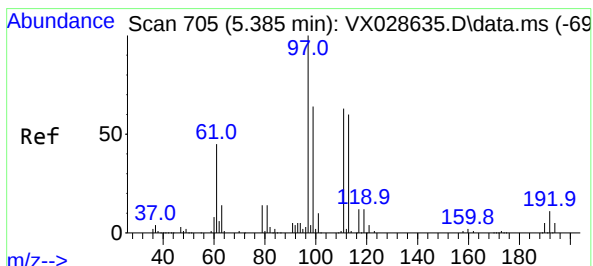
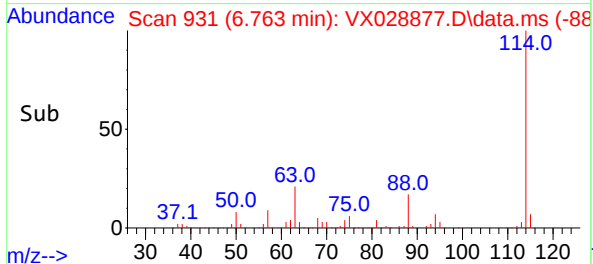
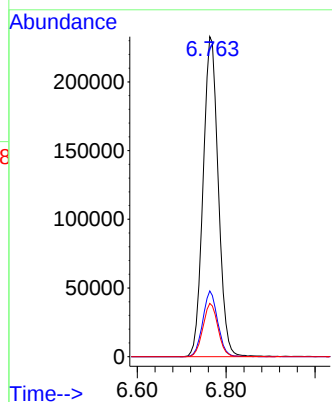
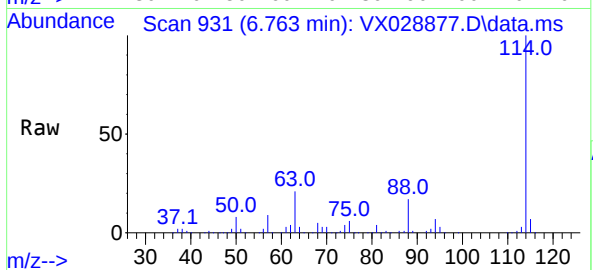




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX028877.D
Acq: 21 May 2022 02:38

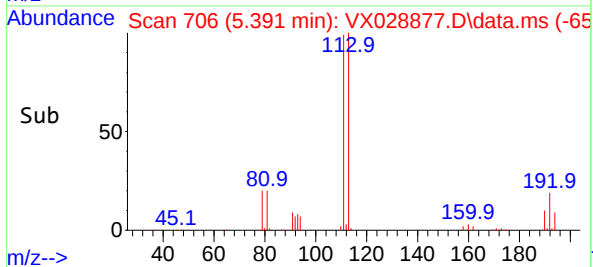
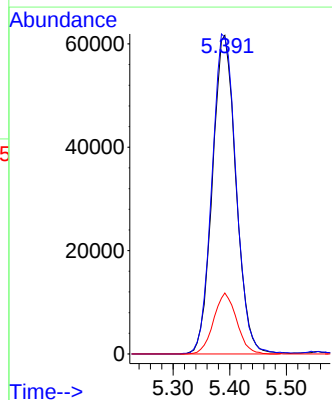
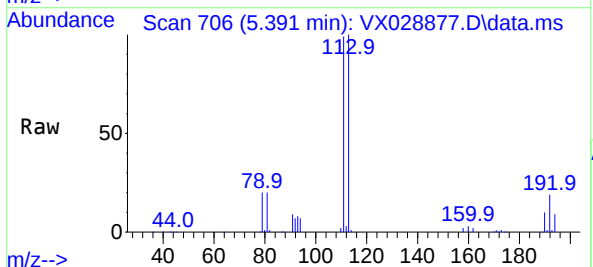
Instrument :
MSVOA_X
ClientSampleId :
PDB-BLANK-20220519

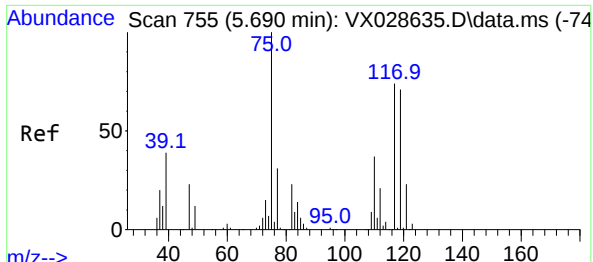
Tgt Ion:114 Resp: 554231
Ion Ratio Lower Upper
114 100
63 20.6 0.0 36.8
88 16.6 0.0 32.4



#35
Dibromofluoromethane
Concen: 48.987 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX028877.D
Acq: 21 May 2022 02:38

Tgt Ion:113 Resp: 177884
Ion Ratio Lower Upper
113 100
111 102.8 82.8 124.2
192 18.7 16.9 25.3

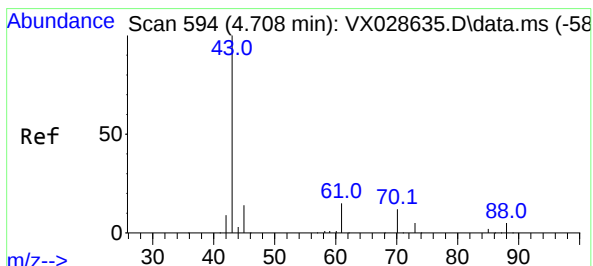
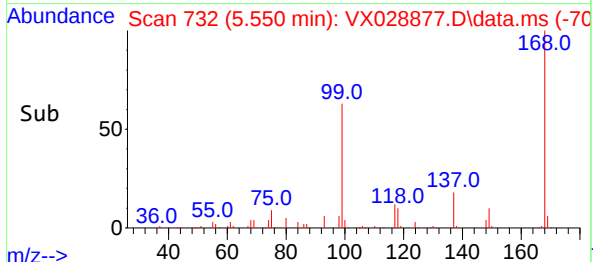
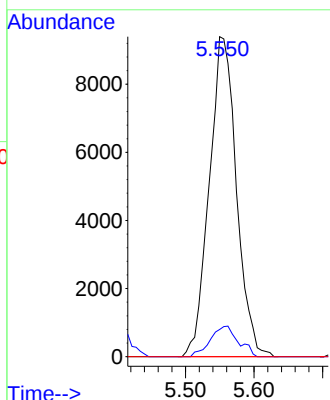
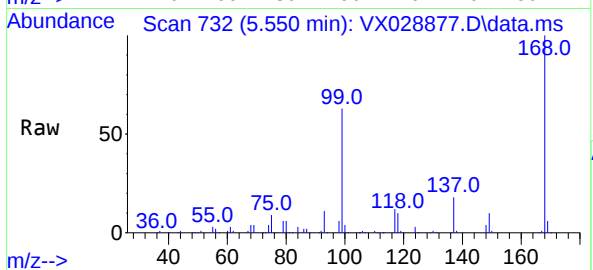




#36
1,1-Dichloropropene
Concen: 4.745 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX028877.D
Acq: 21 May 2022 02:38

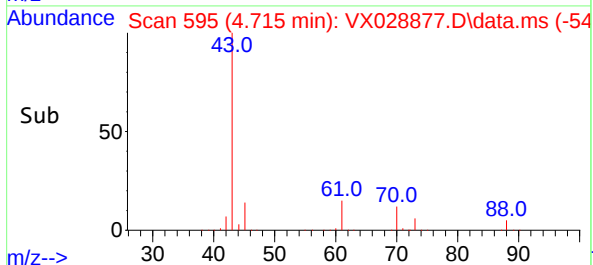
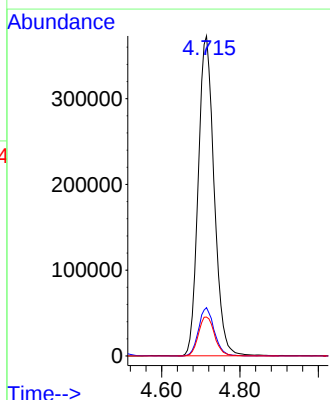
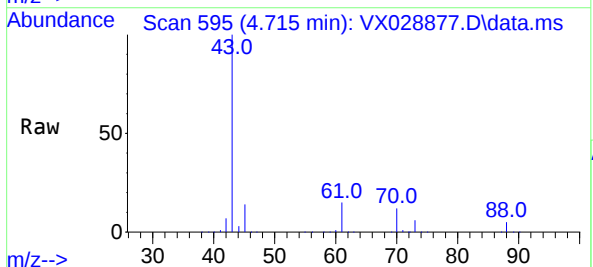
Instrument :
MSVOA_X
ClientSampleId :
PDB-BLANK-20220519

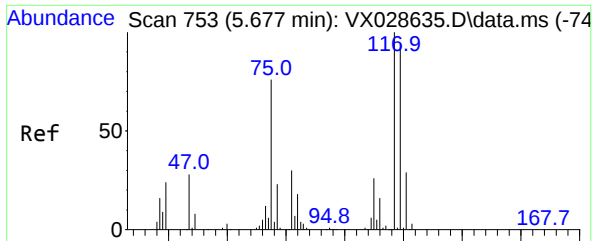
Tgt Ion: 75 Resp: 25877
Ion Ratio Lower Upper
75 100
110 9.8 18.3 54.8#
77 0.0 24.8 37.2#



#37
Ethyl Acetate
Concen: 184.549 ug/l
RT: 4.715 min Scan# 595
Delta R.T. 0.007 min
Lab File: VX028877.D
Acq: 21 May 2022 02:38

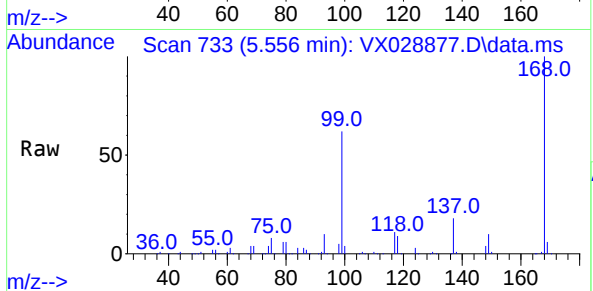
Tgt Ion: 43 Resp: 1051312
Ion Ratio Lower Upper
43 100
61 14.9 12.6 19.0
70 12.5 10.2 15.2



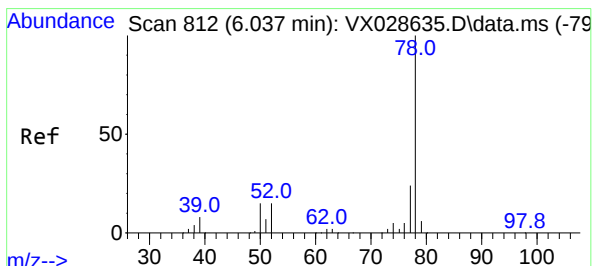
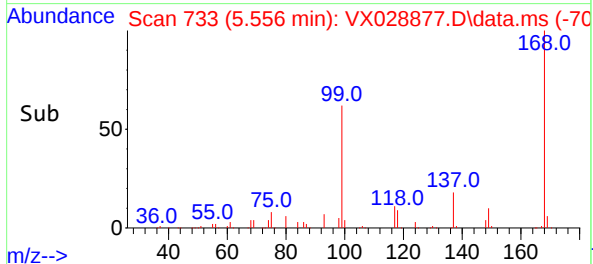
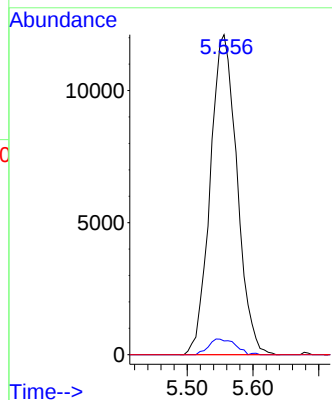


#38
Carbon Tetrachloride
Concen: 6.247 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.121 min
Lab File: VX028877.D
Acq: 21 May 2022 02:38

Instrument :
MSVOA_X
ClientSampleId :
PDB-BLANK-20220519

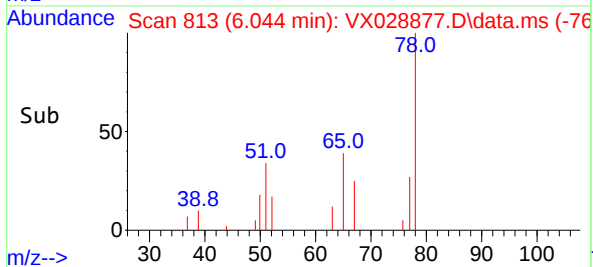
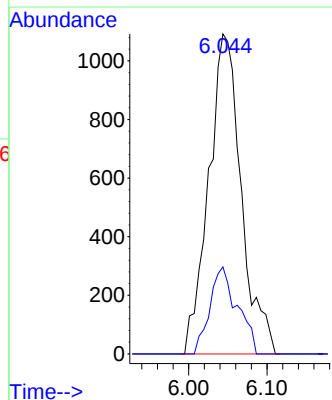
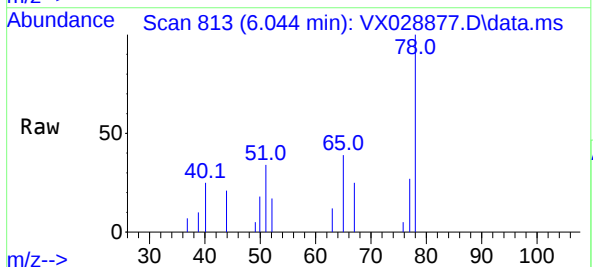


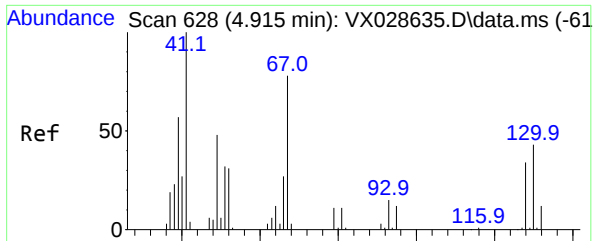
Tgt Ion:117 Resp: 34289
Ion Ratio Lower Upper
117 100
119 4.3 77.3 115.9#
121 0.0 24.2 36.2#



#40
Benzene
Concen: 0.201 ug/l
RT: 6.044 min Scan# 813
Delta R.T. 0.007 min
Lab File: VX028877.D
Acq: 21 May 2022 02:38

Tgt Ion: 78 Resp: 3149
Ion Ratio Lower Upper
78 100
77 27.2 19.3 28.9

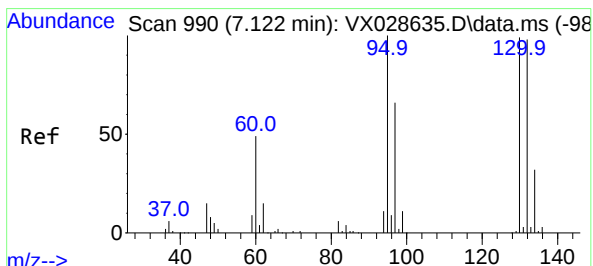
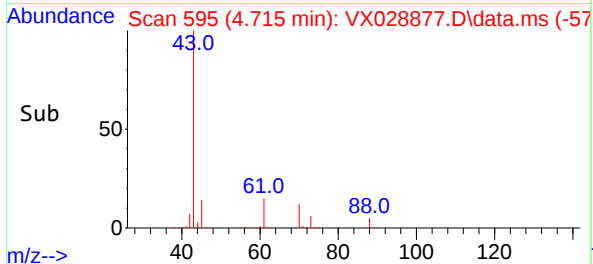
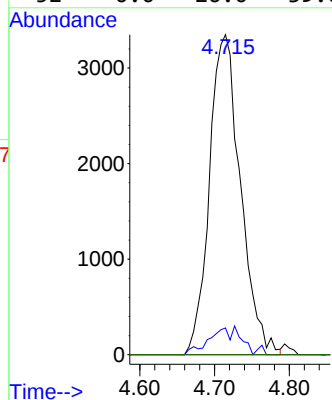
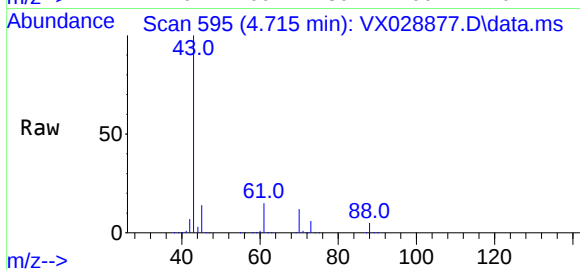




#41
Methacrylonitrile
Concen: 3.162 ug/l
RT: 4.715 min Scan# 51
Delta R.T. -0.200 min
Lab File: VX028877.D
Acq: 21 May 2022 02:38

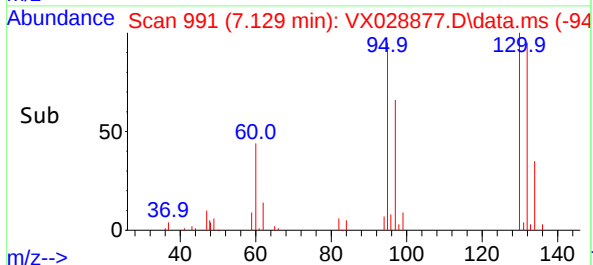
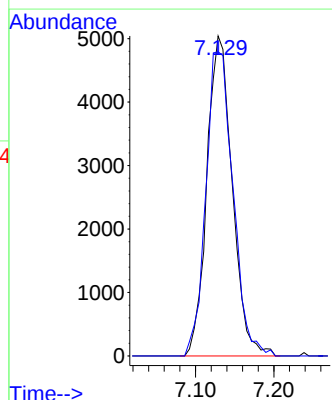
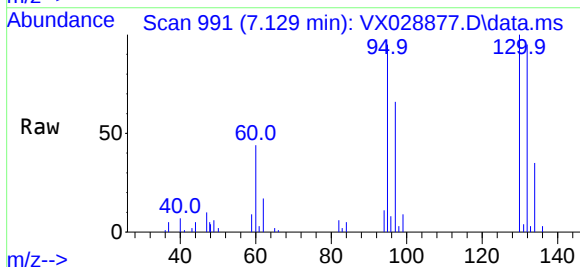
Instrument :
MSVOA_X
ClientSampleId :
PDB-BLANK-20220519

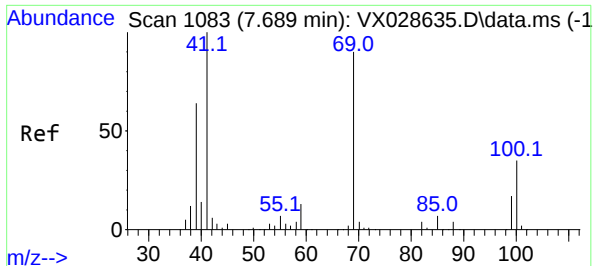
Tgt Ion: 41 Resp: 9659
Ion Ratio Lower Upper
41 100
39 5.8 43.0 64.4#
67 0.0 70.2 105.4#
52 0.0 26.0 39.0#



#44
Trichloroethene
Concen: 2.668 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.007 min
Lab File: VX028877.D
Acq: 21 May 2022 02:38

Tgt Ion:130 Resp: 11342
Ion Ratio Lower Upper
130 100
95 95.0 0.0 188.8





#48

Methyl methacrylate

Concen: 1.376 ug/l

RT: 7.696 min Scan# 1084

Delta R.T. 0.007 min

Lab File: VX028877.D

Acq: 21 May 2022 02:38

Instrument :

MSVOA_X

ClientSampleId :

PDB-BLANK-20220519

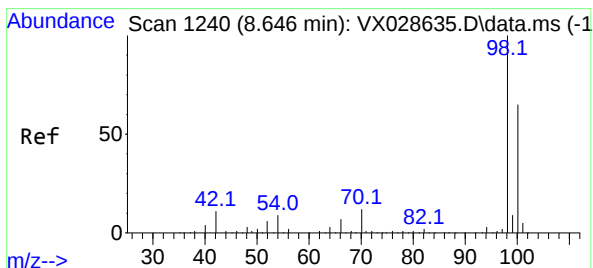
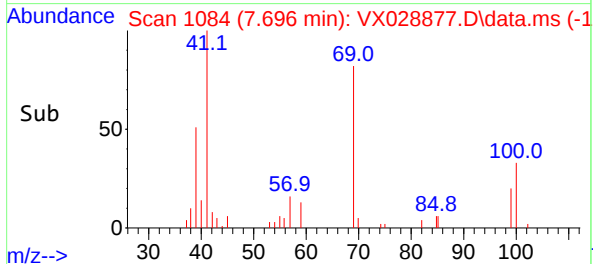
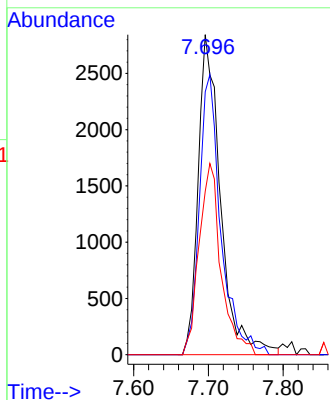
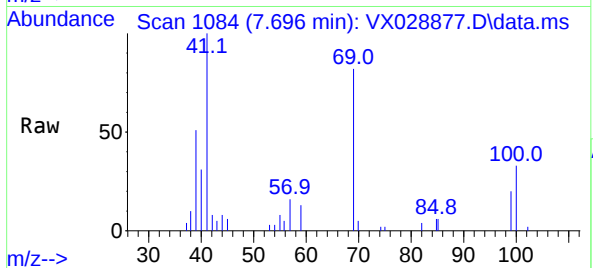
Tgt Ion: 41 Resp: 5926

Ion Ratio Lower Upper

41 100

69 84.3 82.5 123.7

39 58.5 43.8 65.8



#50

Toluene-d8

Concen: 47.652 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.007 min

Lab File: VX028877.D

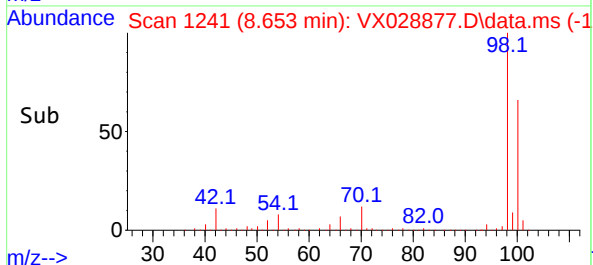
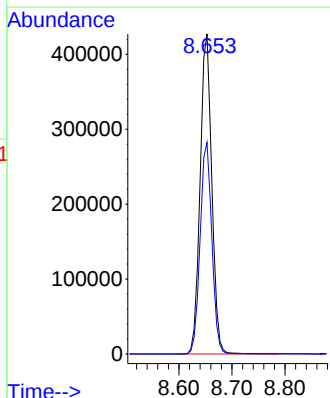
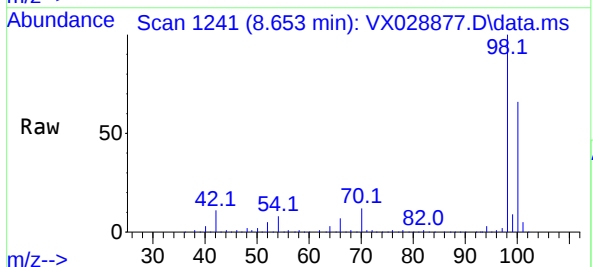
Acq: 21 May 2022 02:38

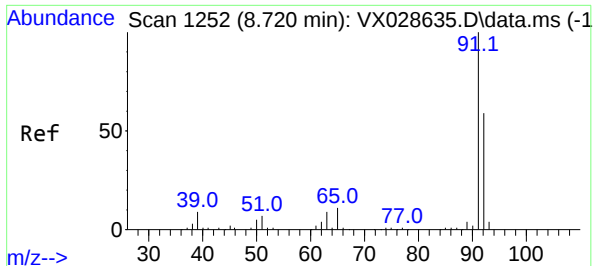
Tgt Ion: 98 Resp: 652380

Ion Ratio Lower Upper

98 100

100 66.4 52.6 78.8

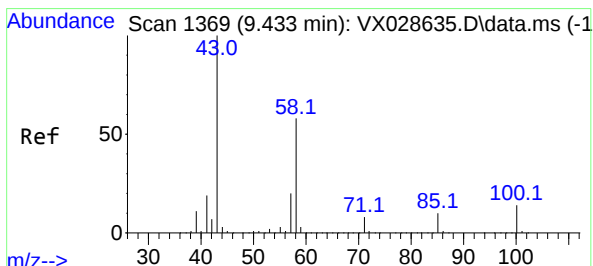
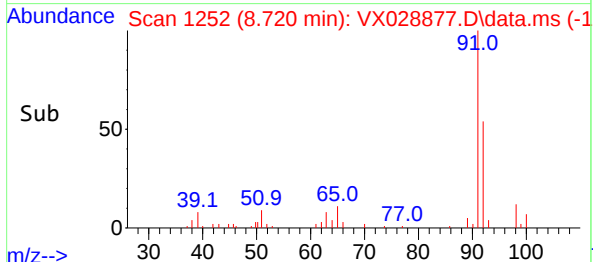
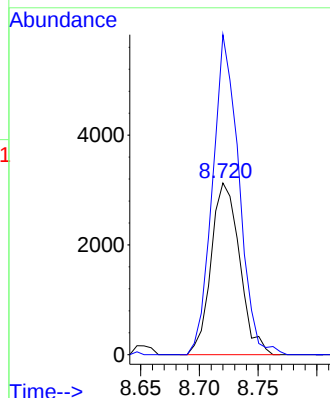
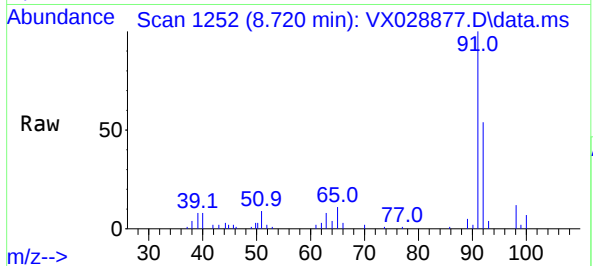




#52
Toluene
Concen: 0.524 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX028877.D
Acq: 21 May 2022 02:38

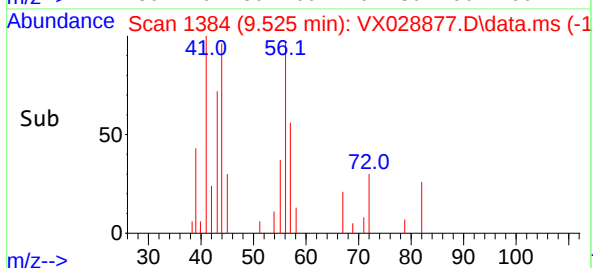
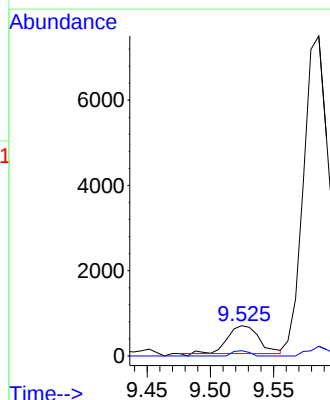
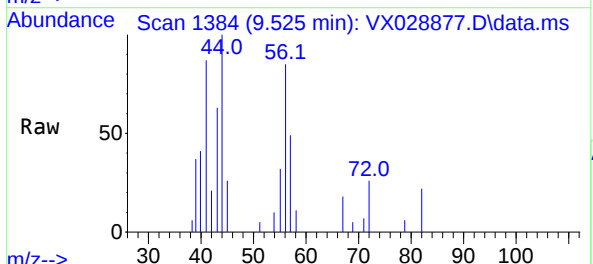
Instrument :
MSVOA_X
ClientSampleId :
PDB-BLANK-20220519

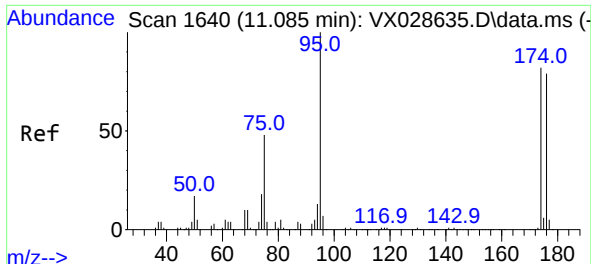
Tgt Ion: 92 Resp: 5283
Ion Ratio Lower Upper
92 100
91 172.2 137.5 206.3



#59
2-Hexanone
Concen: 0.248 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.092 min
Lab File: VX028877.D
Acq: 21 May 2022 02:38

Tgt Ion: 43 Resp: 1130
Ion Ratio Lower Upper
43 100
58 10.1 31.9 95.7#

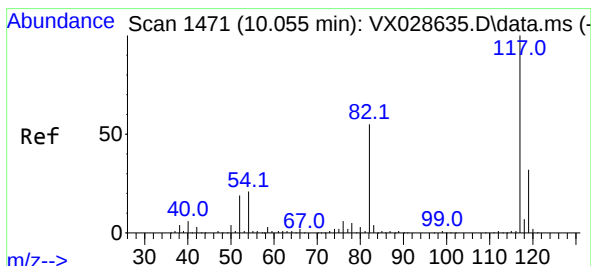
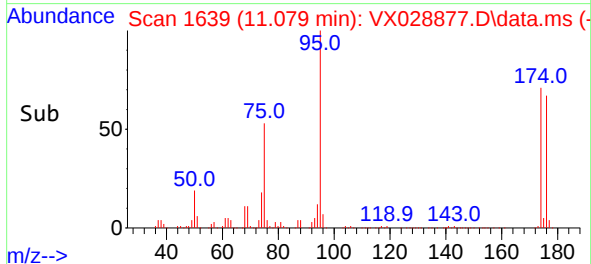
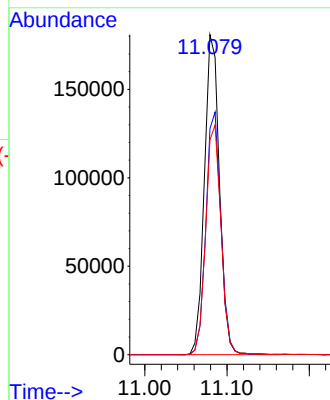
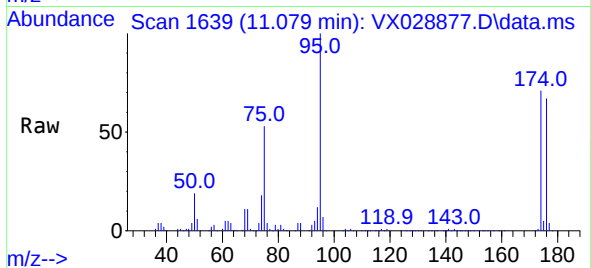




#62
4-Bromofluorobenzene
Concen: 45.044 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX028877.D
Acq: 21 May 2022 02:38

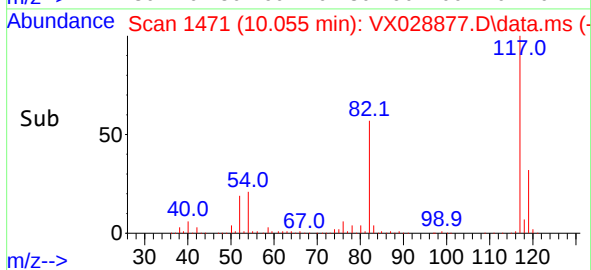
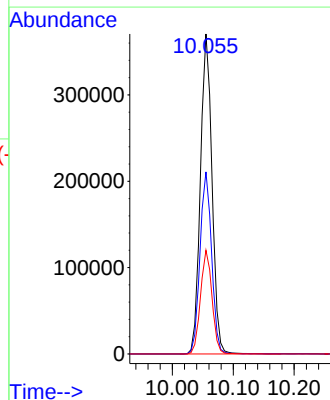
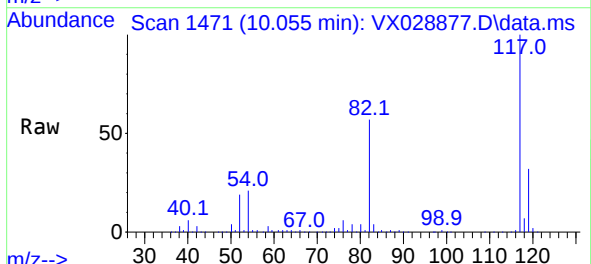
Instrument :
MSVOA_X
ClientSampleId :
PDB-BLANK-20220519

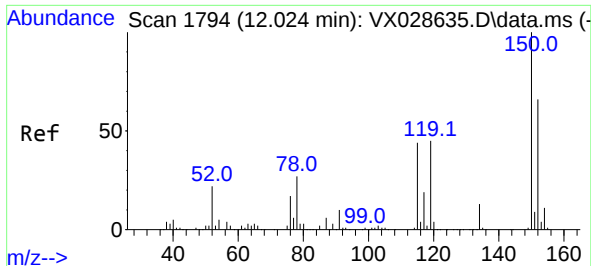
Tgt Ion: 95 Resp: 230331
Ion Ratio Lower Upper
95 100
174 75.5 0.0 163.0
176 72.8 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028877.D
Acq: 21 May 2022 02:38

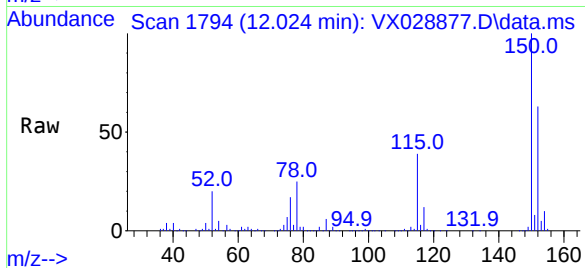
Tgt Ion: 117 Resp: 489357
Ion Ratio Lower Upper
117 100
82 56.9 41.8 62.8
119 32.4 24.8 37.2



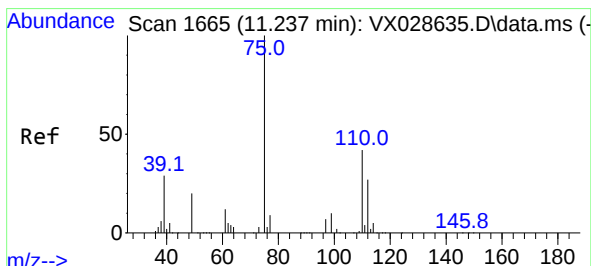
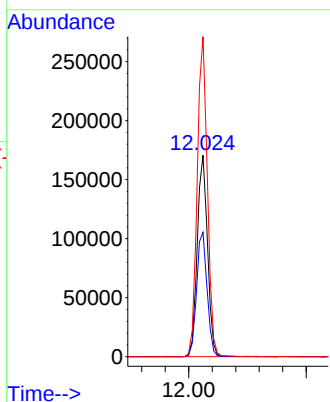
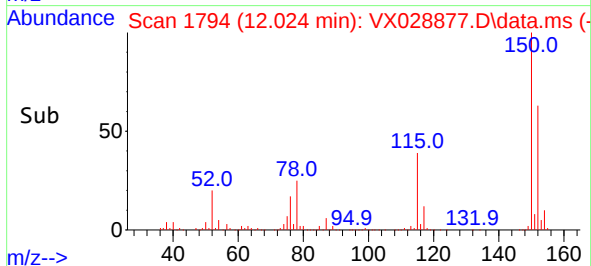


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028877.D
Acq: 21 May 2022 02:38

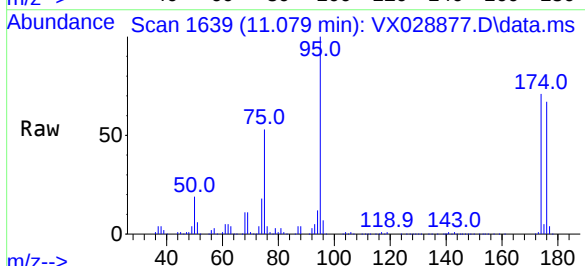
Instrument :
MSVOA_X
ClientSampleId :
PDB-BLANK-20220519



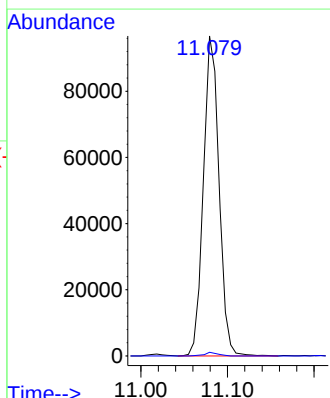
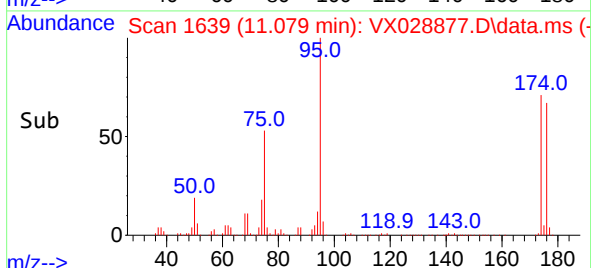
Tgt Ion:152 Resp: 207514
Ion Ratio Lower Upper
152 100
115 62.9 37.5 112.7
150 157.1 0.0 338.2

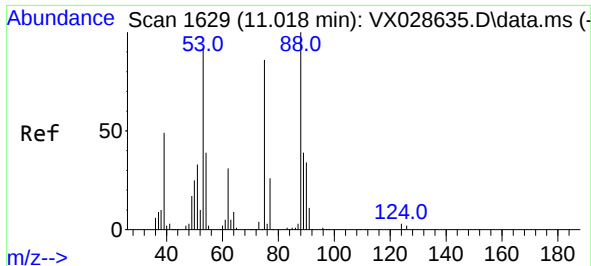


#76
1,2,3-Trichloropropane
Concen: 24.954 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX028877.D
Acq: 21 May 2022 02:38



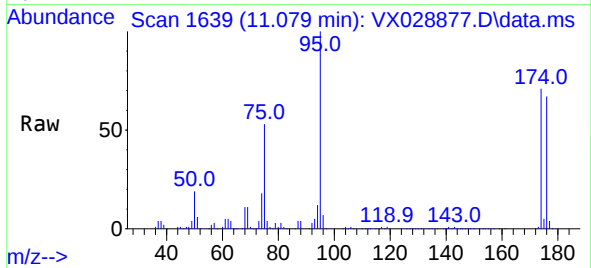
Tgt Ion: 75 Resp: 121273
Ion Ratio Lower Upper
75 100
77 1.0 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 72.553 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX028877.D
 Acq: 21 May 2022 02:38

Instrument :
 MSVOA_X
 ClientSampleId :
 PDB-BLANK-20220519



Tgt Ion: 75 Resp: 121273
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

