

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022522\
 Data File : VX027193.D
 Acq On : 25 Feb 2022 16:53
 Operator : JC/MD
 Sample : N1676-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-REF-4

Quant Time: Feb 25 23:18:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022322W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 23 13:06:57 2022
 Response via : Initial Calibration

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

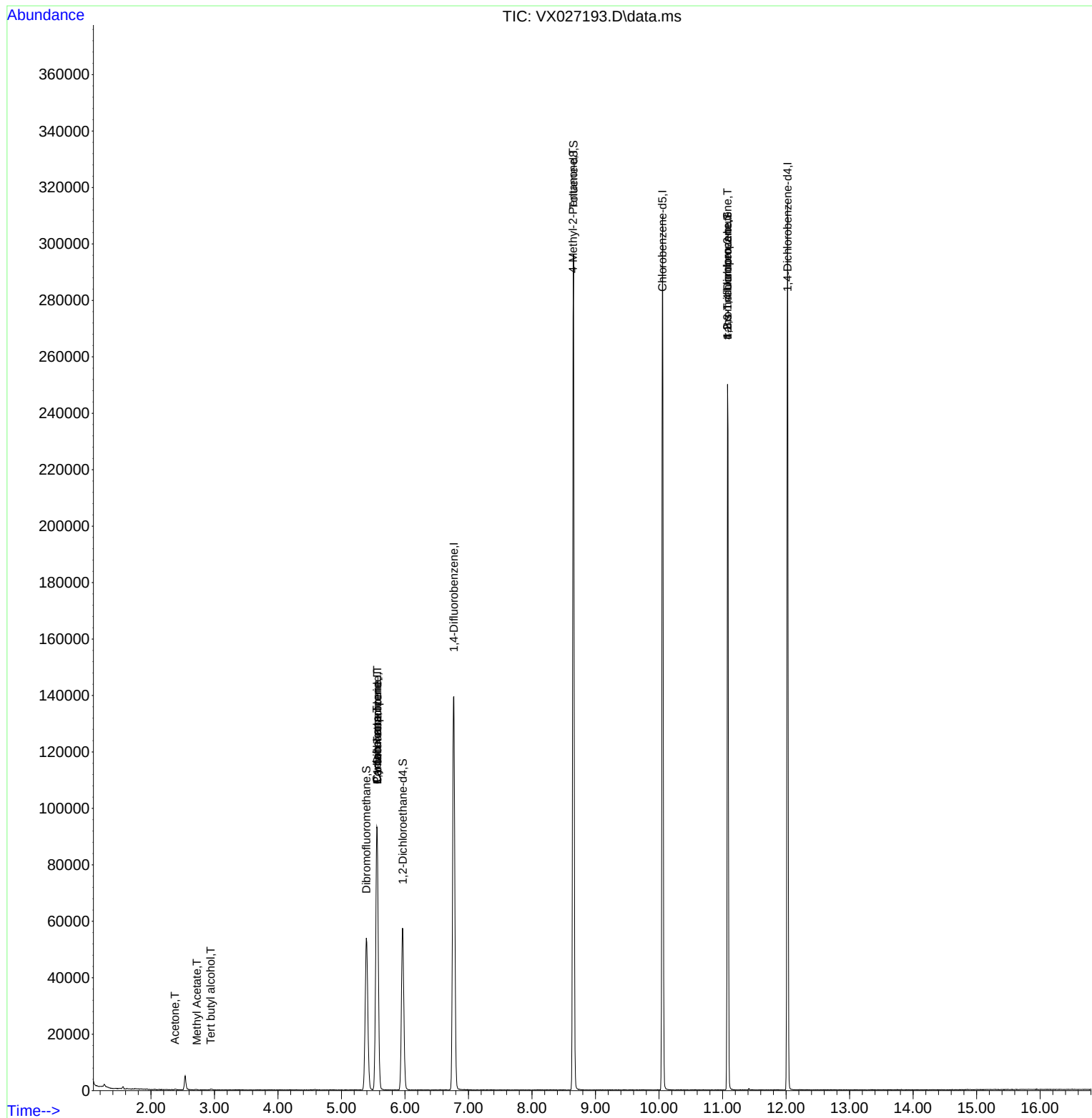
Internal Standards						
1) Pentafluorobenzene	5.562	168	91016	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	152733	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	140310	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	65063	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	55230	50.526	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 101.060%	
35) Dibromofluoromethane	5.391	113	47469	50.071	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.140%	
50) Toluene-d8	8.653	98	175177	49.418	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 98.840%	
62) 4-Bromofluorobenzene	11.079	95	68498	50.341	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 100.680%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.636	94	84	Below Cal	#	2
11) Tert butyl alcohol	2.941	59	142	0.668	ug/l #	75
16) Acetone	2.380	43	374	0.779	ug/l #	46
18) Methyl Acetate	2.721	43	248	0.200	ug/l #	53
31) Cyclohexane	5.556	56	1564	0.955	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	6536	4.724	ug/l #	49
38) Carbon Tetrachloride	5.562	117	9228	6.395	ug/l #	17
51) 4-Methyl-2-Pentanone	8.647	43	770	0.507	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	32862	25.076	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	32862	71.003	ug/l #	3

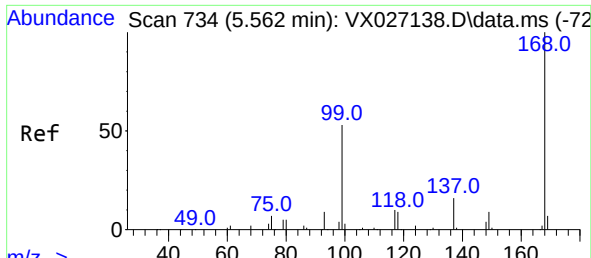
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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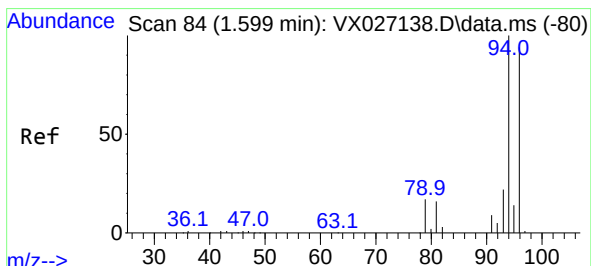
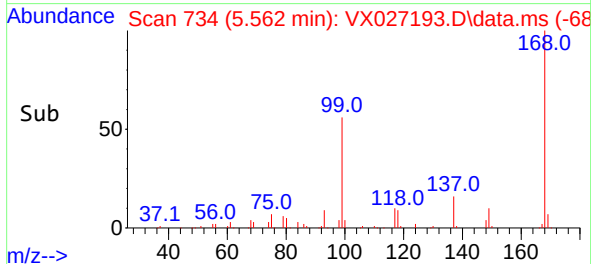
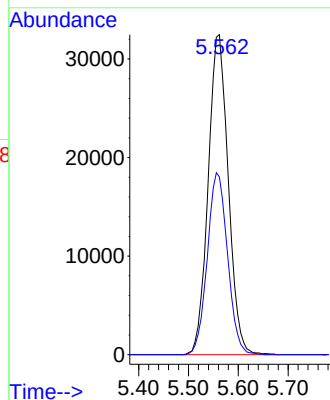
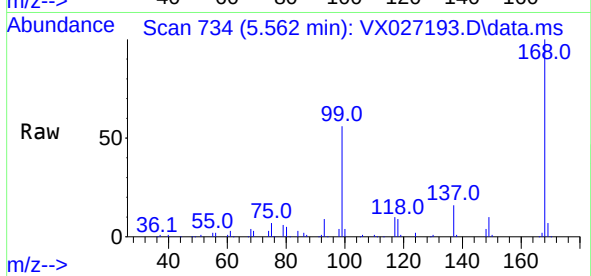




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX027193.D
Acq: 25 Feb 2022 16:53

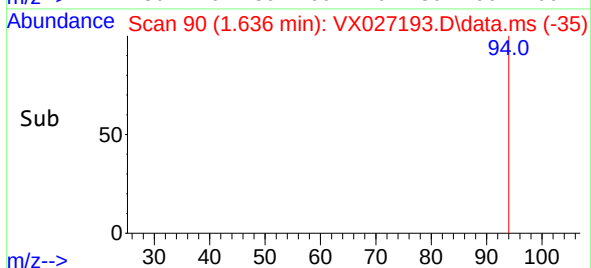
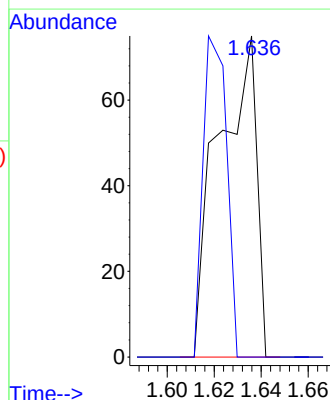
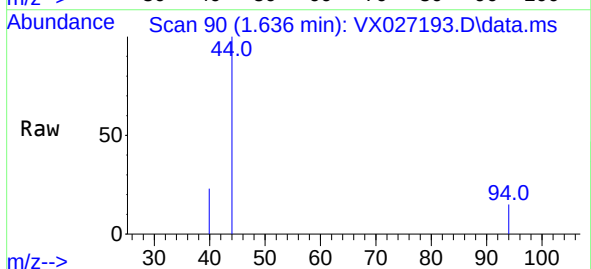
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-REF-4

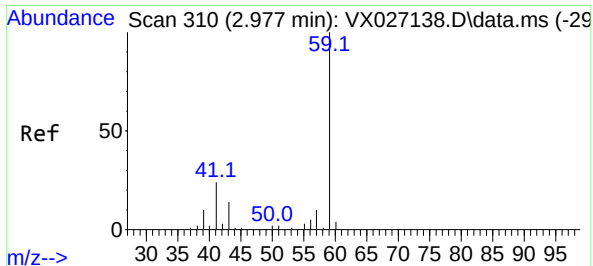
Tgt Ion:168 Resp: 91016
Ion Ratio Lower Upper
168 100
99 55.6 50.3 75.5



#5
Bromomethane
Concen: Below Cal
RT: 1.636 min Scan# 90
Delta R.T. 0.037 min
Lab File: VX027193.D
Acq: 25 Feb 2022 16:53

Tgt Ion: 94 Resp: 84
Ion Ratio Lower Upper
94 100
96 0.0 75.9 113.9#

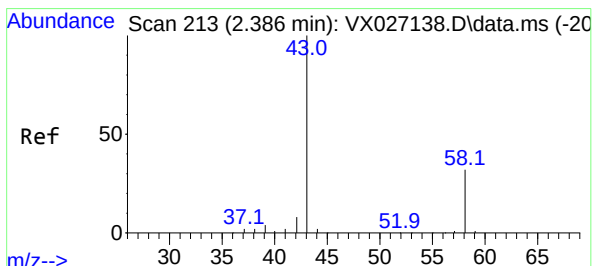
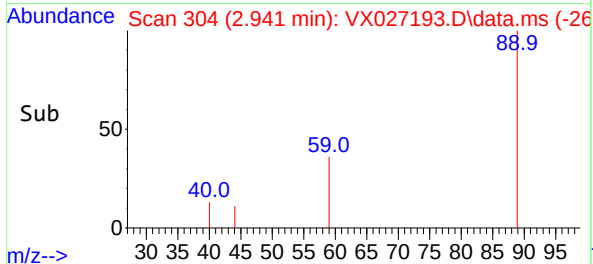
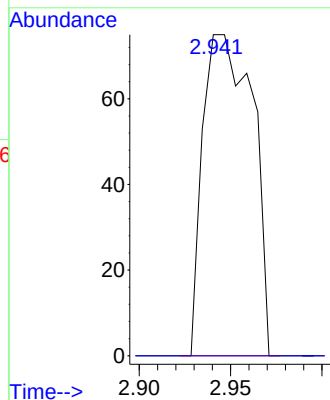
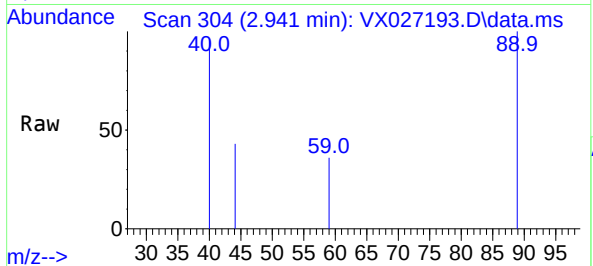




#11
Tert butyl alcohol
Concen: 0.668 ug/l
RT: 2.941 min Scan# 30
Delta R.T. -0.036 min
Lab File: VX027193.D
Acq: 25 Feb 2022 16:53

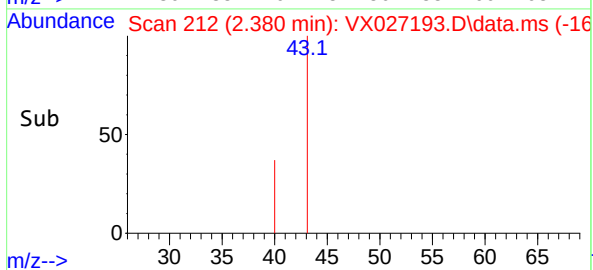
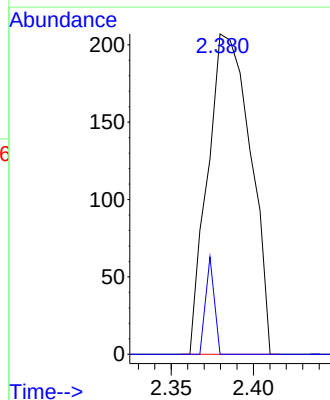
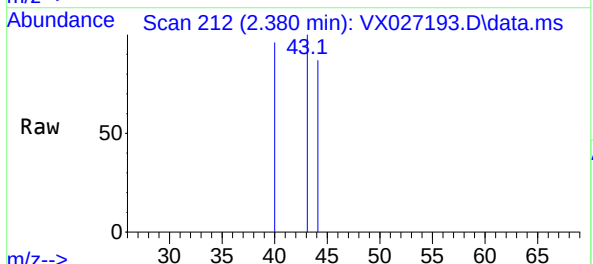
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-REF-4

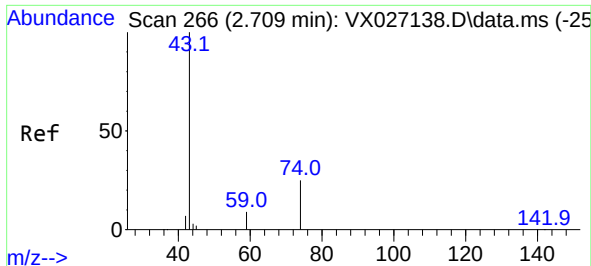
Tgt Ion: 59 Resp: 142
Ion Ratio Lower Upper
59 100
57 0.0 7.2 10.8#



#16
Acetone
Concen: 0.779 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX027193.D
Acq: 25 Feb 2022 16:53

Tgt Ion: 43 Resp: 374
Ion Ratio Lower Upper
43 100
58 0.0 23.0 34.6#

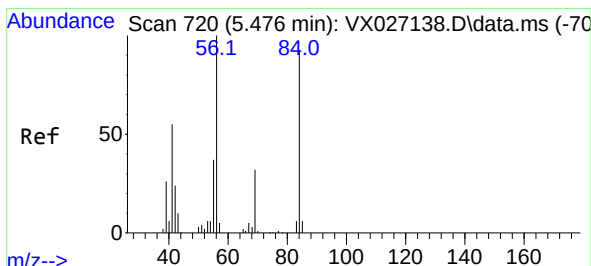
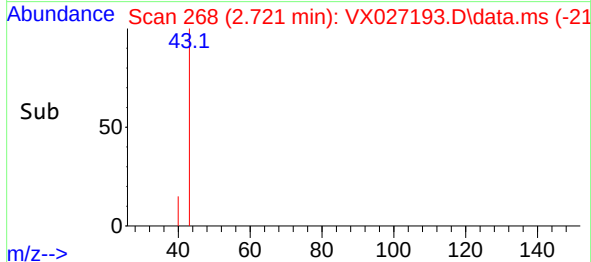
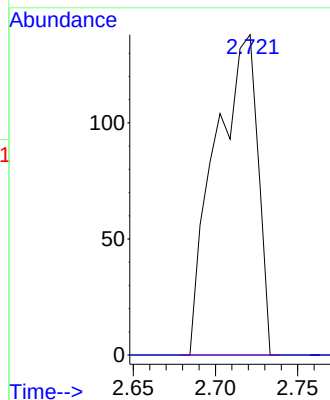
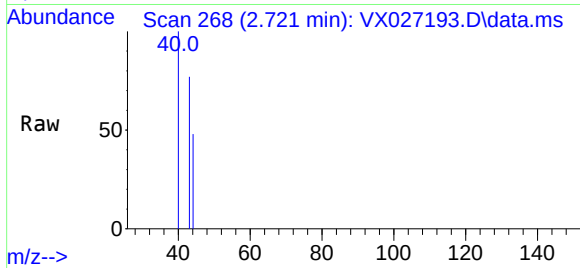




#18
Methyl Acetate
Concen: 0.200 ug/l
RT: 2.721 min Scan# 20
Delta R.T. 0.012 min
Lab File: VX027193.D
Acq: 25 Feb 2022 16:53

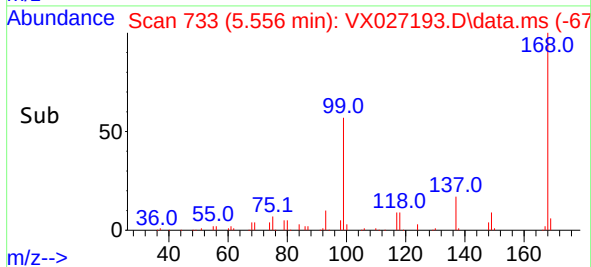
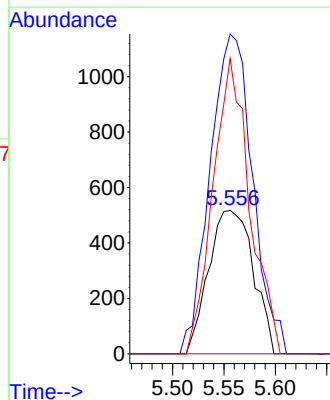
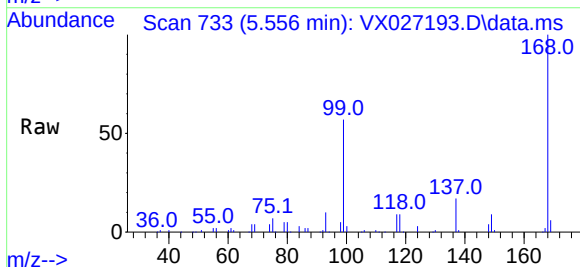
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-REF-4

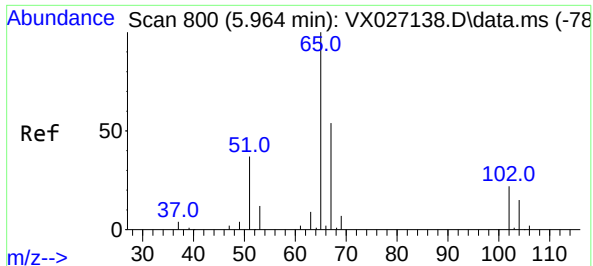
Tgt Ion: 43 Resp: 248
Ion Ratio Lower Upper
43 100
74 0.0 18.3 27.5#



#31
Cyclohexane
Concen: 0.955 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.080 min
Lab File: VX027193.D
Acq: 25 Feb 2022 16:53

Tgt Ion: 56 Resp: 1564
Ion Ratio Lower Upper
56 100
69 222.8 25.8 38.6#
84 205.6 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 50.526 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX027193.D

Acq: 25 Feb 2022 16:53

Instrument :

MSVOA_X

ClientSampleId :

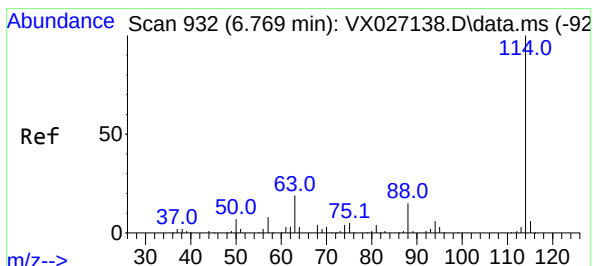
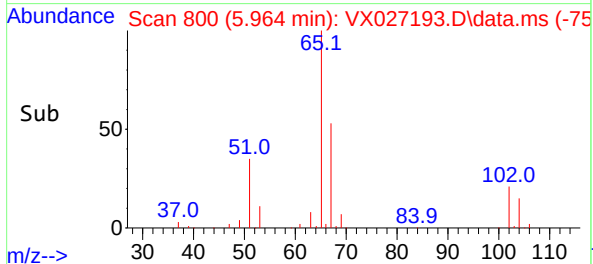
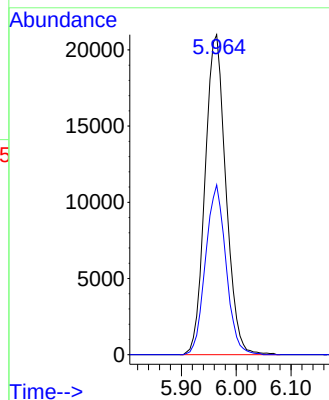
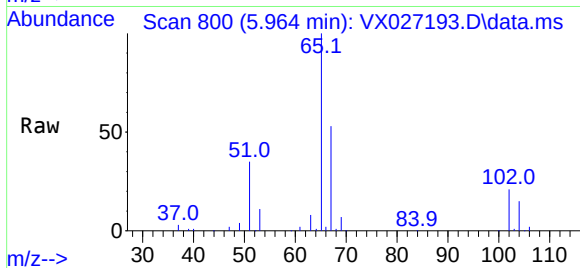
STORAGE-BLANK-REF-4

Tgt Ion: 65 Resp: 55230

Ion Ratio Lower Upper

65 100

67 52.2 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX027193.D

Acq: 25 Feb 2022 16:53

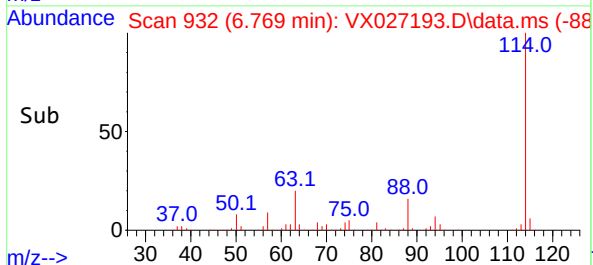
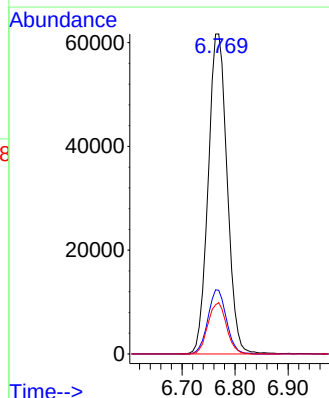
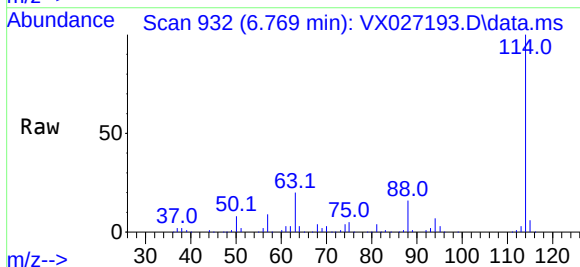
Tgt Ion: 114 Resp: 152733

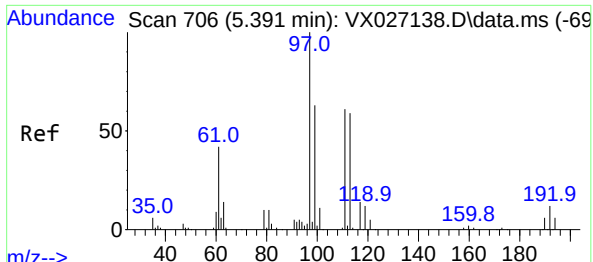
Ion Ratio Lower Upper

114 100

63 19.9 0.0 42.8

88 16.1 0.0 33.0

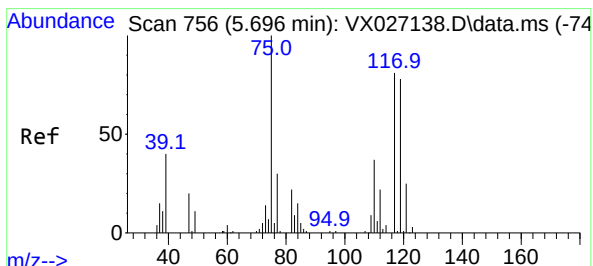
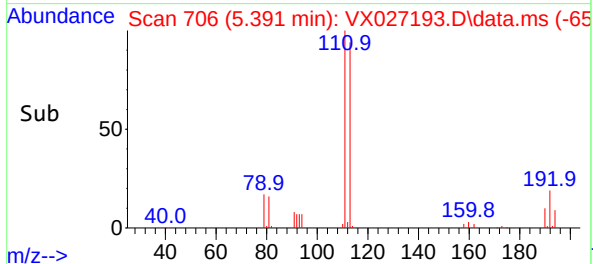
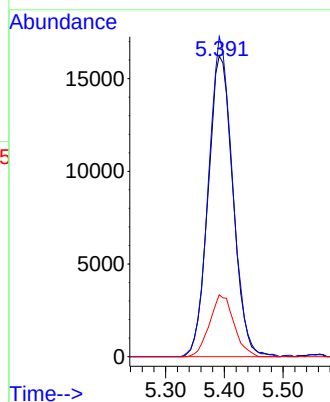
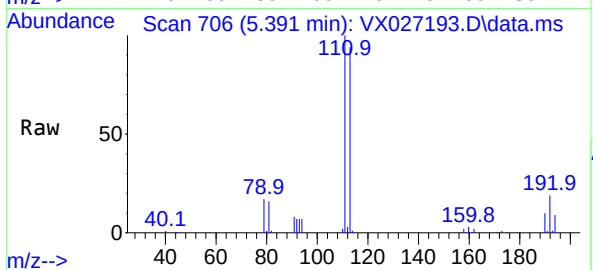




#35
Dibromofluoromethane
Concen: 50.071 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027193.D
Acq: 25 Feb 2022 16:53

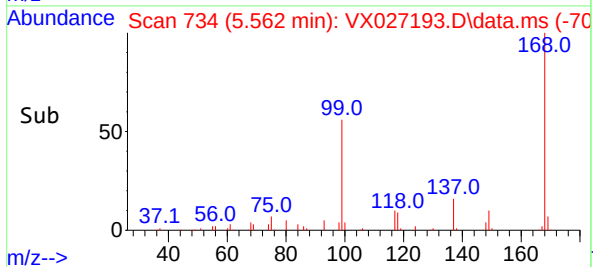
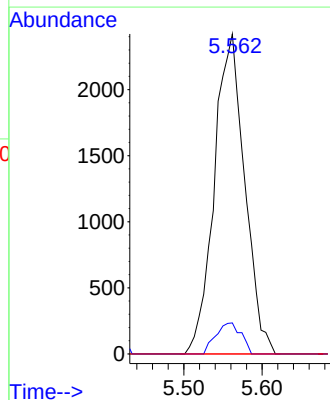
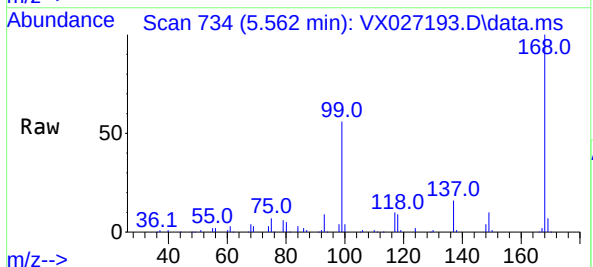
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ClientSampleId :
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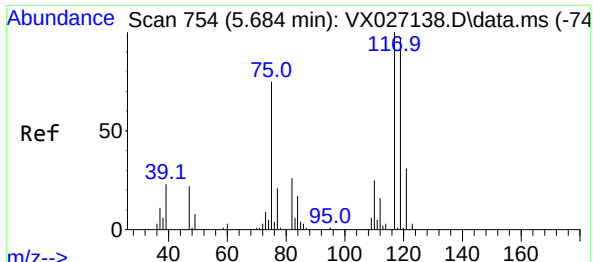
Tgt Ion:113 Resp: 47469
Ion Ratio Lower Upper
113 100
111 103.3 81.2 121.8
192 20.2 15.0 22.4



#36
1,1-Dichloropropene
Concen: 4.724 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.134 min
Lab File: VX027193.D
Acq: 25 Feb 2022 16:53

Tgt Ion: 75 Resp: 6536
Ion Ratio Lower Upper
75 100
110 8.1 17.2 51.6#
77 0.0 24.6 36.8#

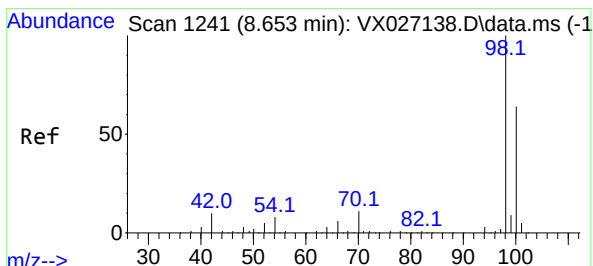
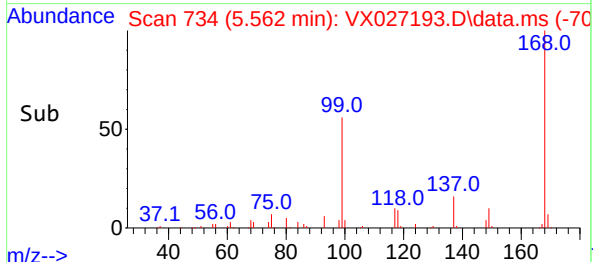
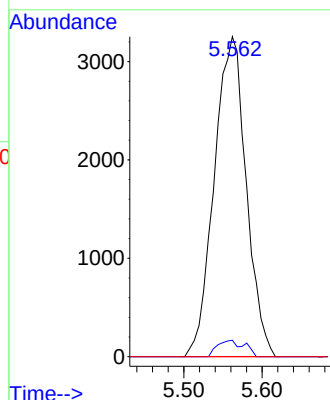
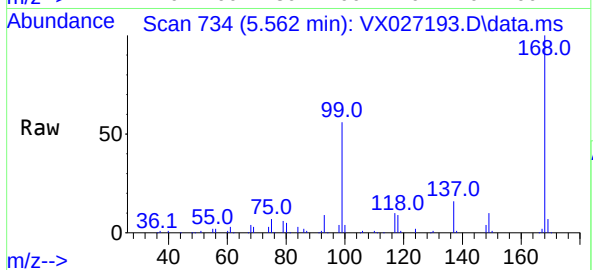




#38
Carbon Tetrachloride
Concen: 6.395 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX027193.D
Acq: 25 Feb 2022 16:53

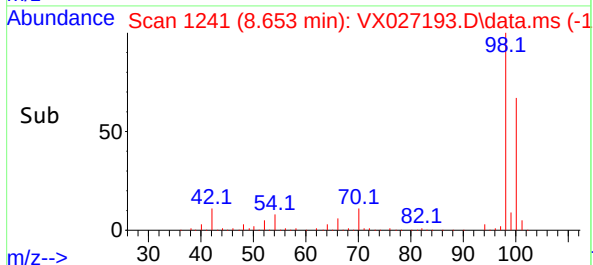
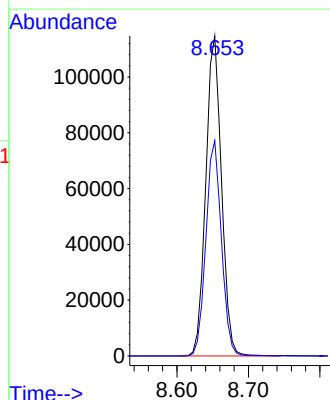
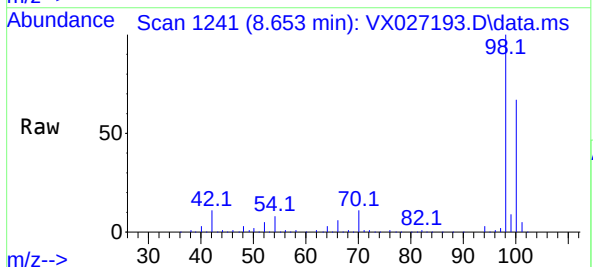
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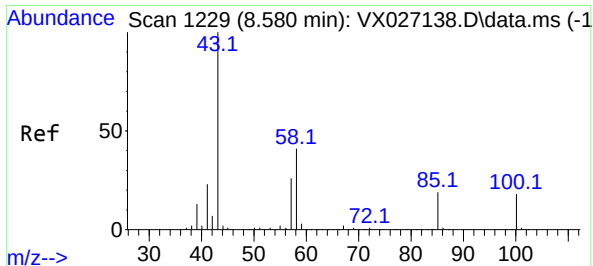
Tgt Ion:117 Resp: 9228
Ion Ratio Lower Upper
117 100
119 5.2 74.7 112.1#
121 0.0 25.4 38.0#



#50
Toluene-d8
Concen: 49.418 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX027193.D
Acq: 25 Feb 2022 16:53

Tgt Ion: 98 Resp: 175177
Ion Ratio Lower Upper
98 100
100 66.5 53.2 79.8

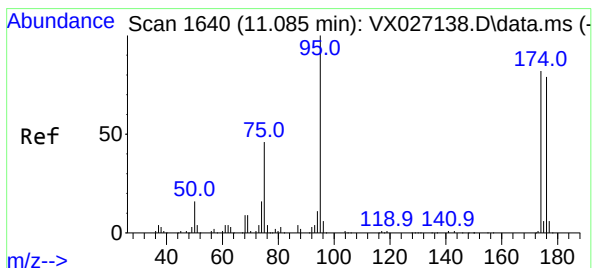
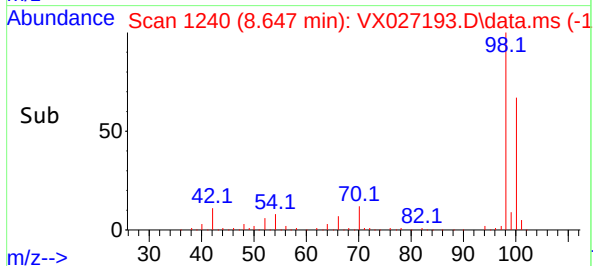
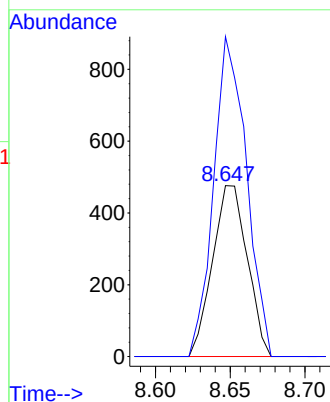
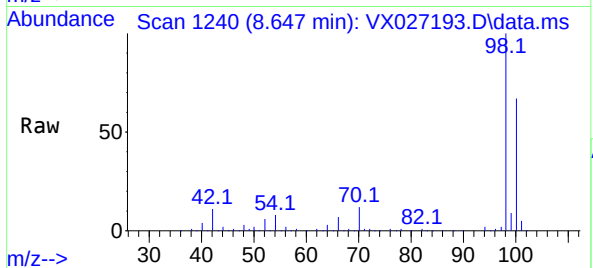




#51
4-Methyl-2-Pentanone
Concen: 0.507 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.067 min
Lab File: VX027193.D
Acq: 25 Feb 2022 16:53

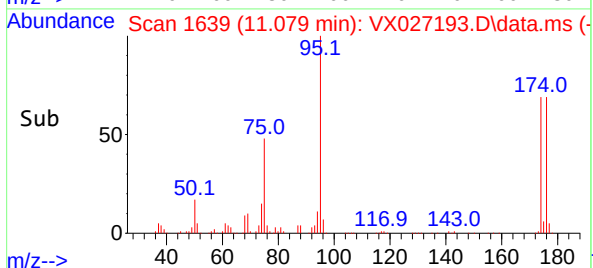
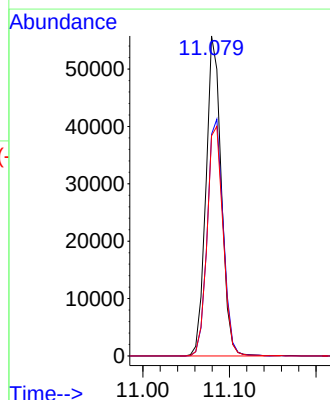
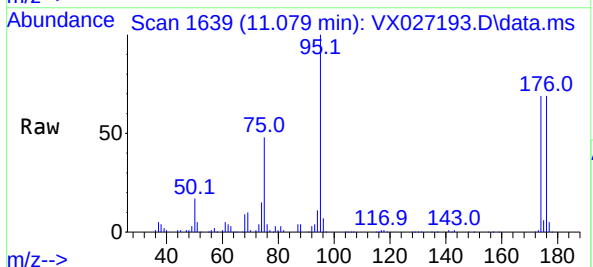
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-REF-4

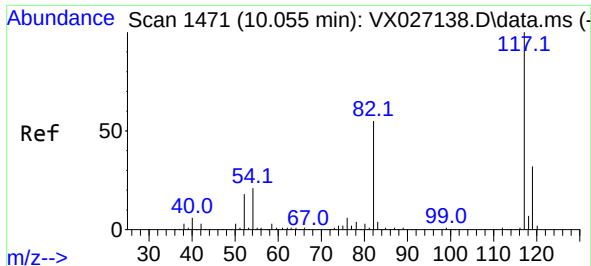
Tgt Ion: 43 Resp: 770
Ion Ratio Lower Upper
43 100
58 176.6 30.5 45.7#



#62
4-Bromofluorobenzene
Concen: 50.341 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX027193.D
Acq: 25 Feb 2022 16:53

Tgt Ion: 95 Resp: 68498
Ion Ratio Lower Upper
95 100
174 76.8 0.0 148.6
176 74.8 0.0 141.4

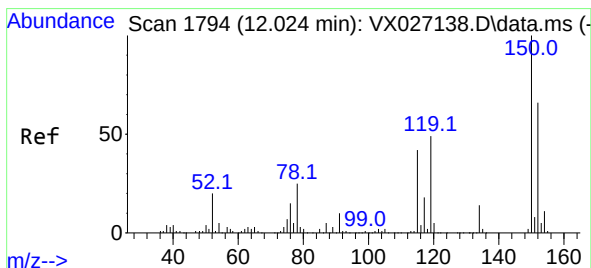
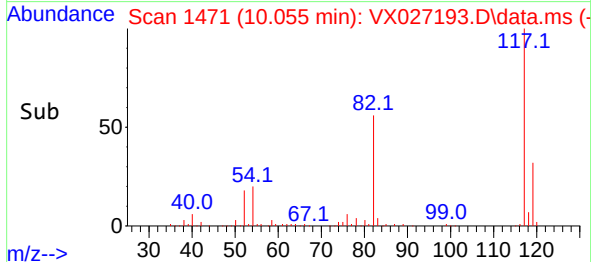
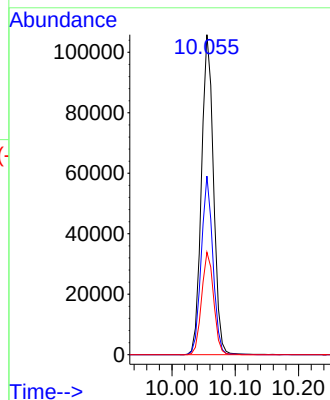
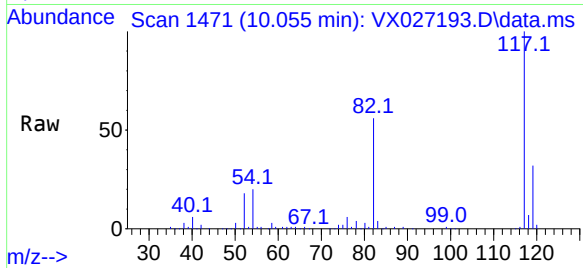




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027193.D
Acq: 25 Feb 2022 16:53

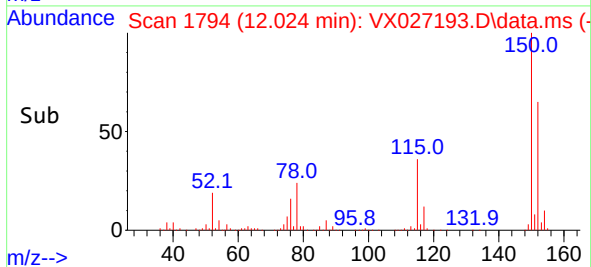
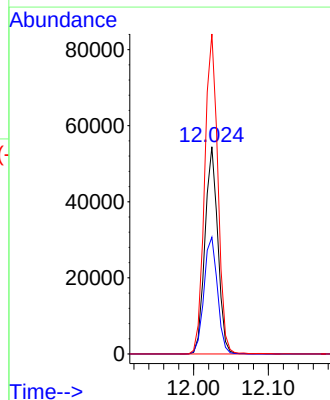
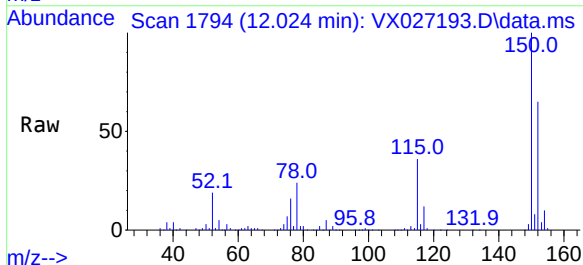
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-REF-4

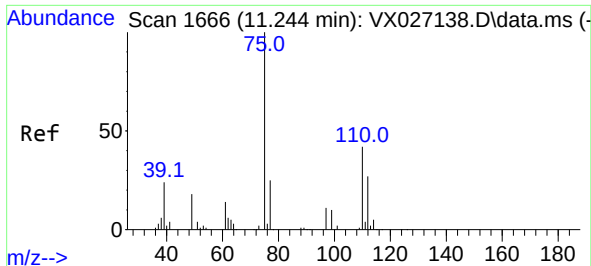
Tgt Ion:117 Resp: 140310
Ion Ratio Lower Upper
117 100
82 55.8 45.2 67.8
119 32.0 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027193.D
Acq: 25 Feb 2022 16:53

Tgt Ion:152 Resp: 65063
Ion Ratio Lower Upper
152 100
115 59.0 44.2 132.6
150 158.4 0.0 348.2

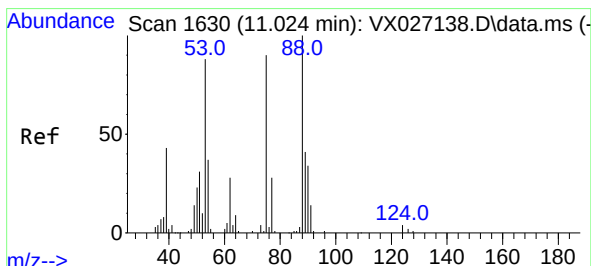
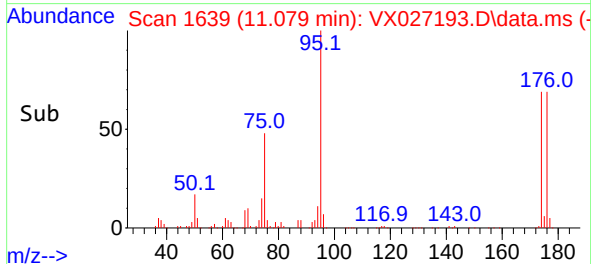
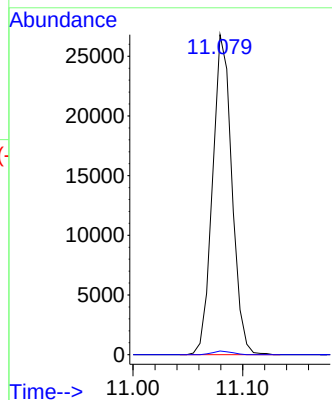
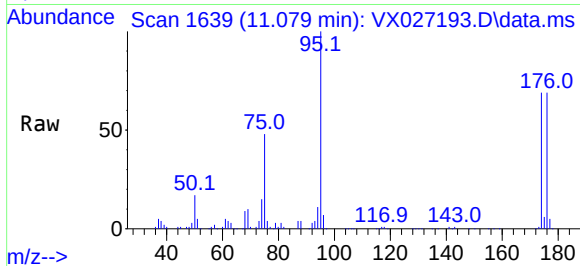




#76
1,2,3-Trichloropropane
Concen: 25.076 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX027193.D
Acq: 25 Feb 2022 16:53

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-REF-4

Tgt Ion: 75 Resp: 32862
Ion Ratio Lower Upper
75 100
77 1.1 18.3 54.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 71.003 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.055 min
Lab File: VX027193.D
Acq: 25 Feb 2022 16:53

Tgt Ion: 75 Resp: 32862
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#

