

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020322\
 Data File : VX026763.D
 Acq On : 03 Feb 2022 17:12
 Operator : JC/MD
 Sample : N1356-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 B-PHC

Quant Time: Feb 04 02:34:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 11 14:45:13 2022
 Response via : Initial Calibration

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

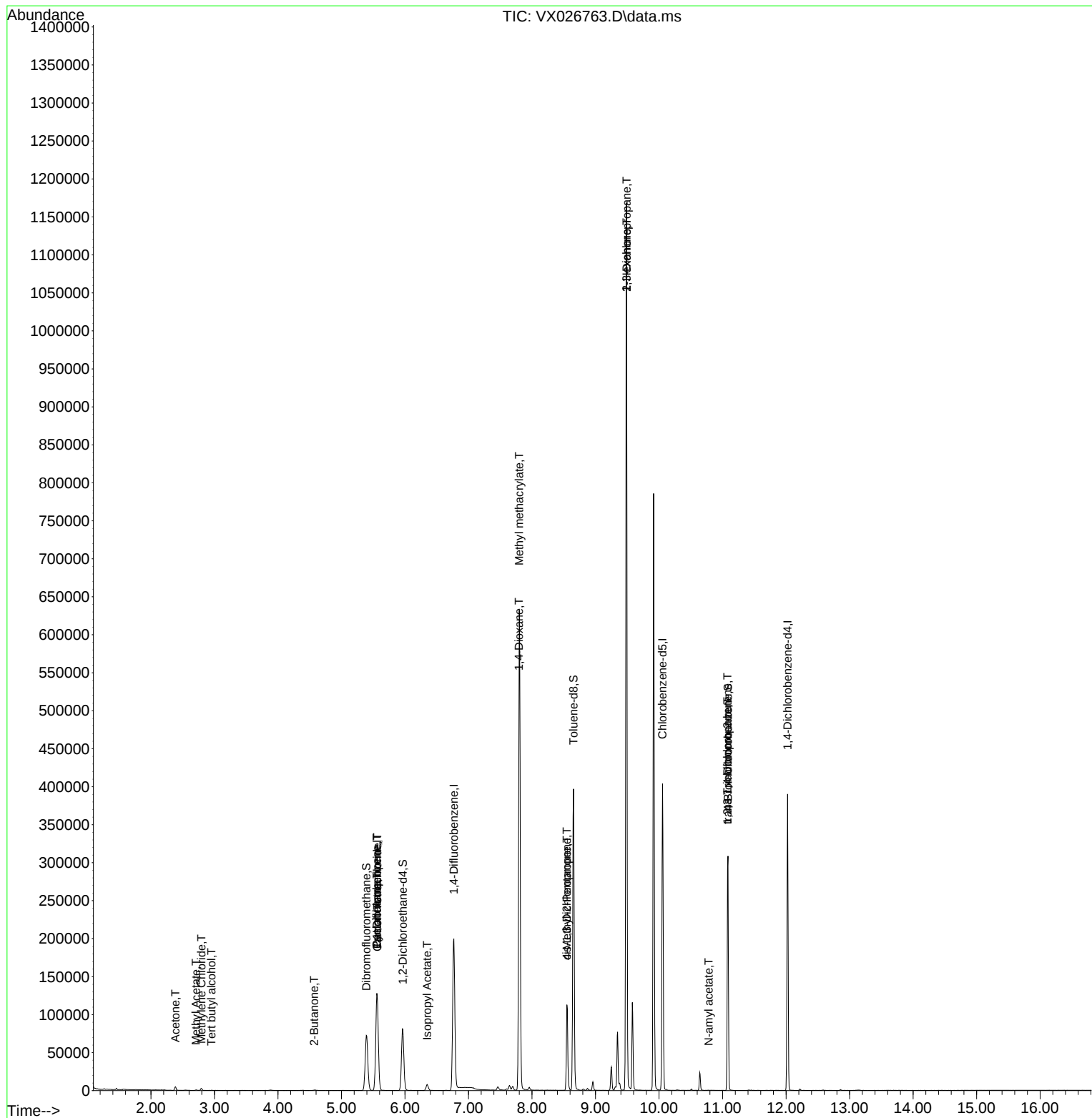
Internal Standards						
1) Pentafluorobenzene	5.556	168	121899	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	205832	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	179932	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	78813	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	78880	46.323	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.640%
35) Dibromofluoromethane	5.391	113	64951	48.865	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.720%
50) Toluene-d8	8.653	98	236464	49.368	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.740%
62) 4-Bromofluorobenzene	11.085	95	84865	49.875	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.760%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.953	59	87	0.367	ug/l #	75
16) Acetone	2.386	43	5398	6.216	ug/l	99
18) Methyl Acetate	2.709	43	1086	0.629	ug/l	92
20) Methylene Chloride	2.794	84	1156	0.806	ug/l	95
25) 2-Butanone	4.568	43	1183	1.048	ug/l #	77
31) Cyclohexane	5.556	56	2426	0.966	ug/l #	15
36) 1,1-Dichloropropene	5.556	75	9270	4.418	ug/l #	51
38) Carbon Tetrachloride	5.562	117	12507	5.795	ug/l #	17
43) Isopropyl Acetate	6.348	43	10853	3.165	ug/l	99
48) Methyl methacrylate	7.799	41	54262	31.933	ug/l #	44
49) 1,4-Dioxane	7.793	88	46	1.650	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	39285	19.317	ug/l #	49
54) cis-1,3-Dichloropropene	8.549	75	18081	8.164	ug/l #	57
57) 1,3-Dichloropropane	9.488	76	9884	4.108	ug/l #	43
59) 2-Hexanone	9.488	43	140208	90.076	ug/l #	52
74) N-amyl acetate	10.781	43	519	0.208	ug/l #	44
76) 1,2,3-Trichloropropane	11.079	75	41983	24.194	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	41983	73.700	ug/l #	3

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

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Quant Title : SW846 8260
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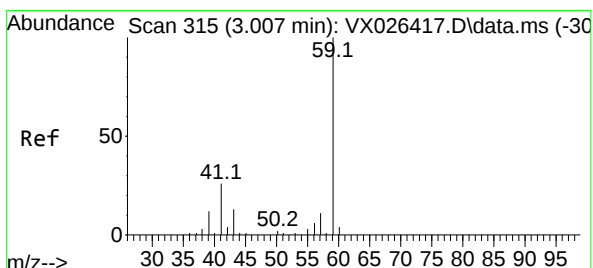
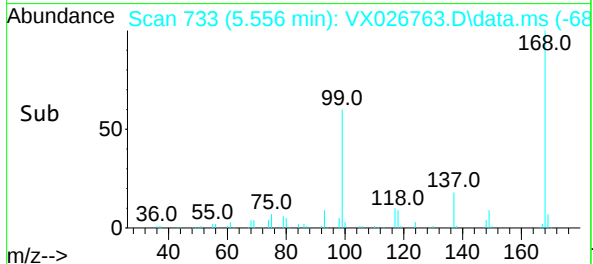
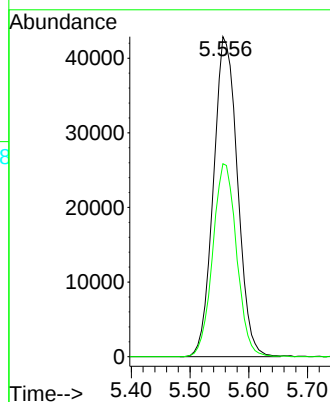
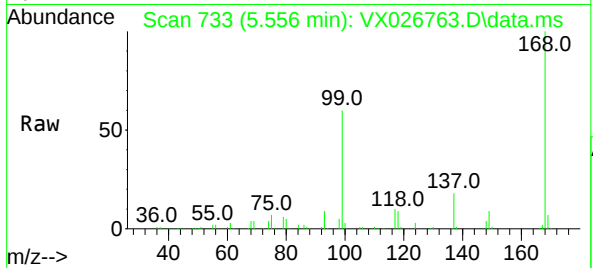




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX026763.D
Acq: 03 Feb 2022 17:12

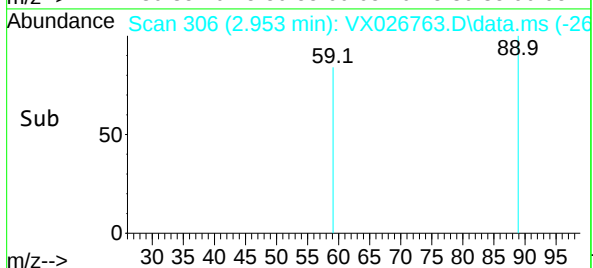
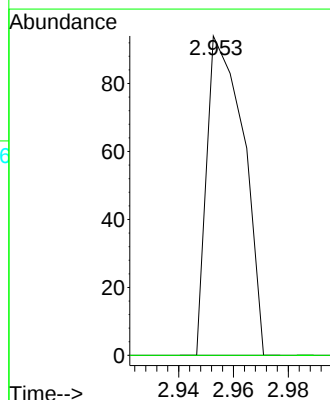
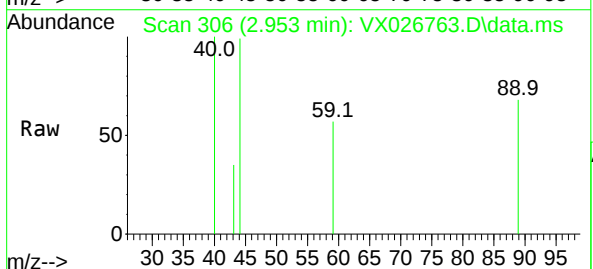
Instrument :
MSVOA_X
ClientSampleId :
B-PHC

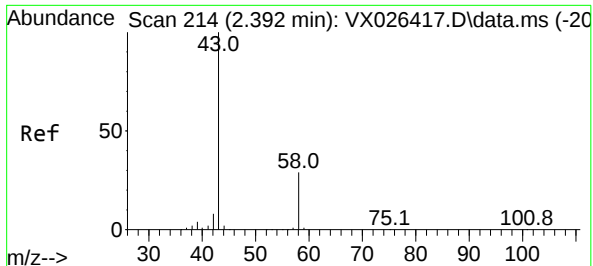
Tgt Ion:168 Resp: 121899
Ion Ratio Lower Upper
168 100
99 60.3 50.3 75.5



#11
Tert butyl alcohol
Concen: 0.367 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.054 min
Lab File: VX026763.D
Acq: 03 Feb 2022 17:12

Tgt Ion: 59 Resp: 87
Ion Ratio Lower Upper
59 100
57 0.0 7.2 10.8#

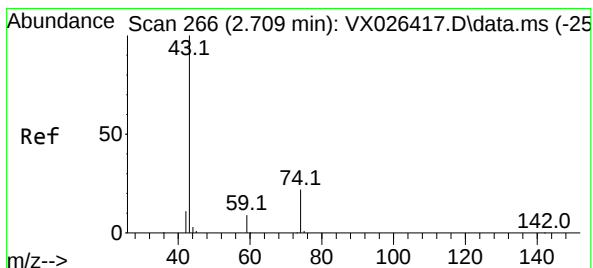
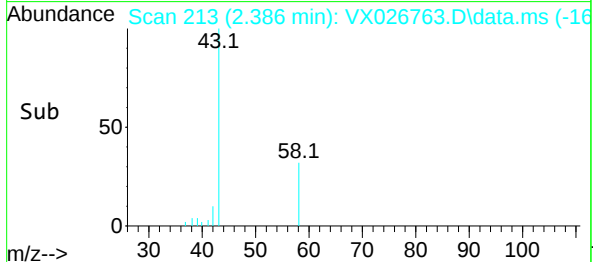
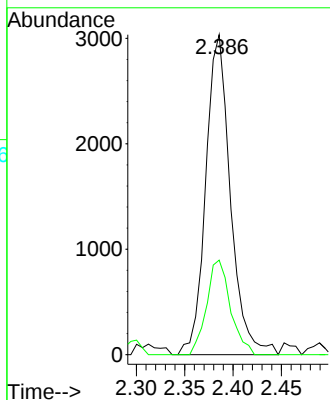
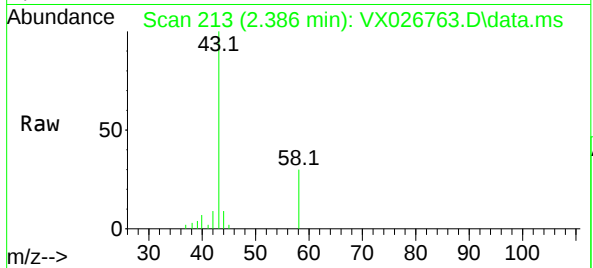




#16
Acetone
Concen: 6.216 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX026763.D
Acq: 03 Feb 2022 17:12

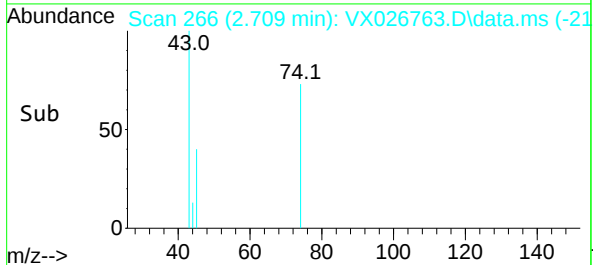
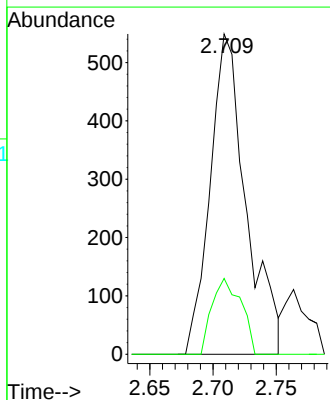
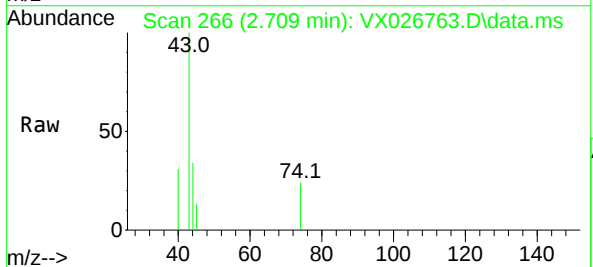
Instrument :
MSVOA_X
ClientSampleId :
B-PHC

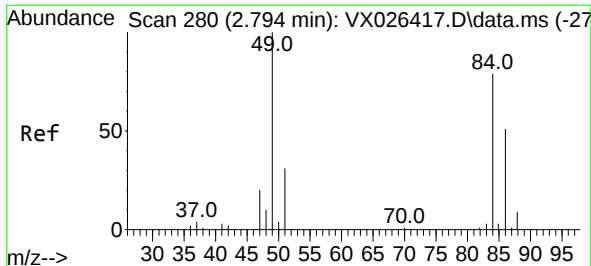
Tgt Ion: 43 Resp: 5398
Ion Ratio Lower Upper
43 100
58 29.6 23.0 34.6



#18
Methyl Acetate
Concen: 0.629 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX026763.D
Acq: 03 Feb 2022 17:12

Tgt Ion: 43 Resp: 1086
Ion Ratio Lower Upper
43 100
74 19.2 18.3 27.5

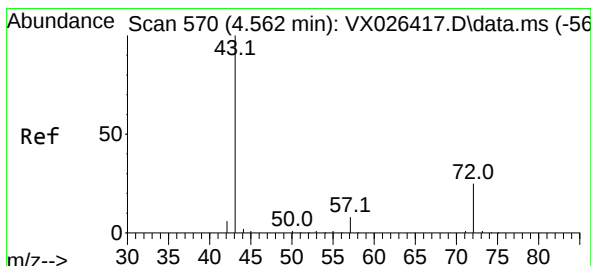
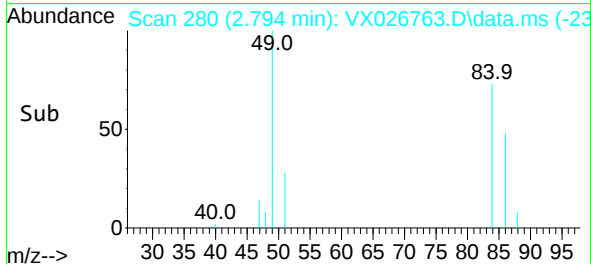
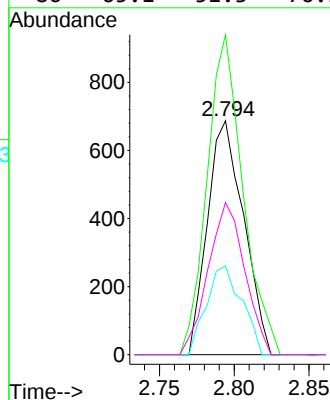
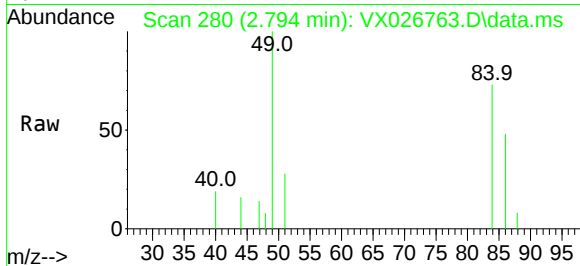




#20
Methylene Chloride
Concen: 0.806 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX026763.D
Acq: 03 Feb 2022 17:12

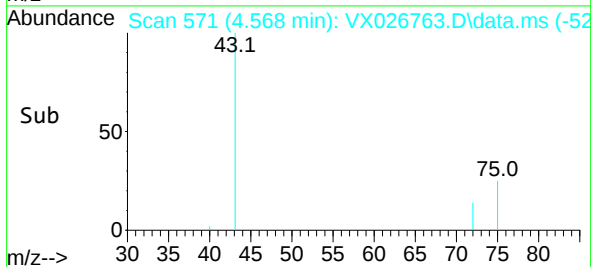
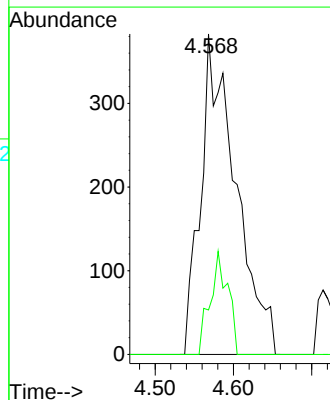
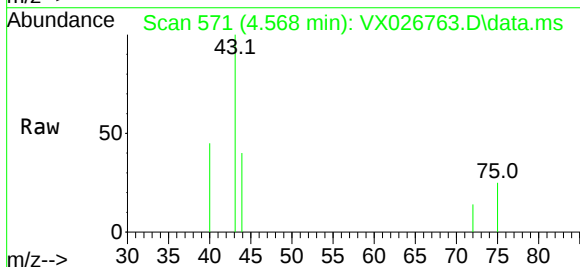
Instrument :
MSVOA_X
ClientSampleId :
B-PHC

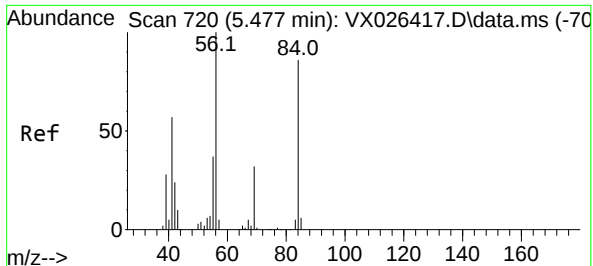
Tgt Ion: 84	Resp: 1156
Ion Ratio	Lower Upper
84 100	
49 136.8	101.5 152.3
51 38.0	31.2 46.8
86 65.1	51.3 76.9



#25
2-Butanone
Concen: 1.048 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.006 min
Lab File: VX026763.D
Acq: 03 Feb 2022 17:12

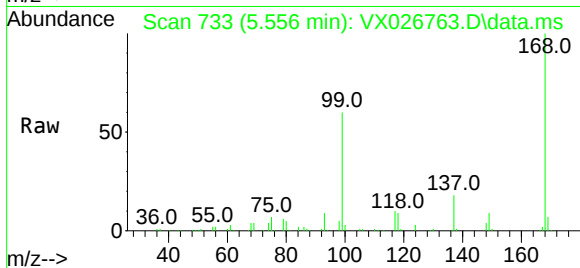
Tgt Ion: 43	Resp: 1183
Ion Ratio	Lower Upper
43 100	
72 13.8	20.4 30.6#



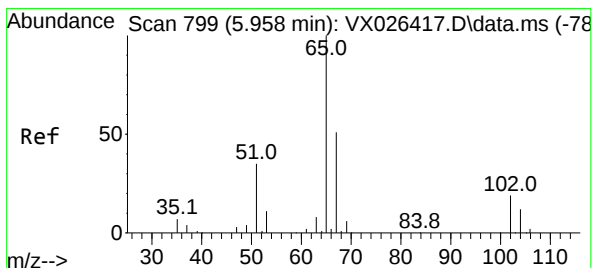
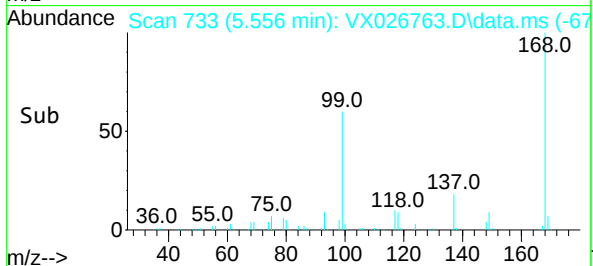
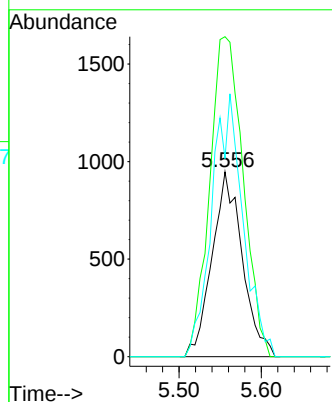


#31
Cyclohexane
Concen: 0.966 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.079 min
Lab File: VX026763.D
Acq: 03 Feb 2022 17:12

Instrument :
MSVOA_X
ClientSampleId :
B-PHC

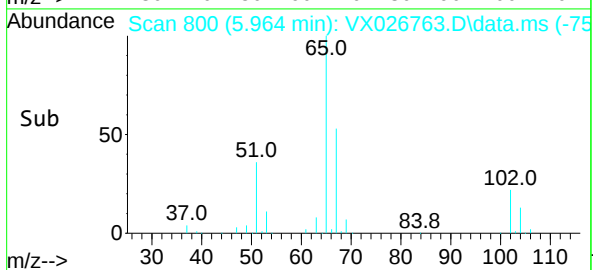
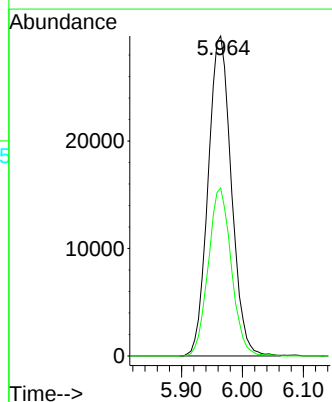
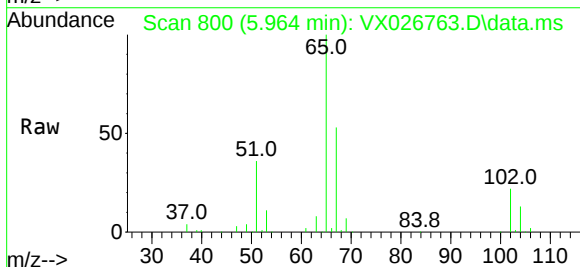


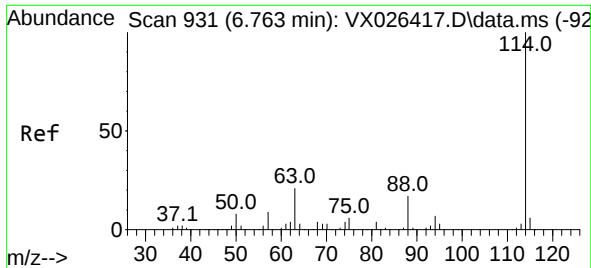
Tgt Ion: 56 Resp: 2426
Ion Ratio Lower Upper
56 100
69 173.2 25.8 38.6#
84 107.2 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 46.323 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX026763.D
Acq: 03 Feb 2022 17:12

Tgt Ion: 65 Resp: 78880
Ion Ratio Lower Upper
65 100
67 52.0 0.0 100.8

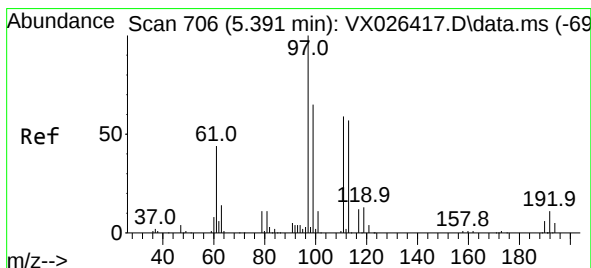
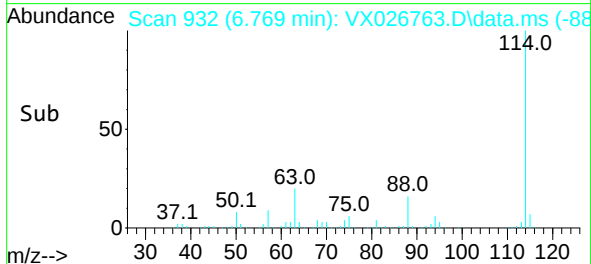
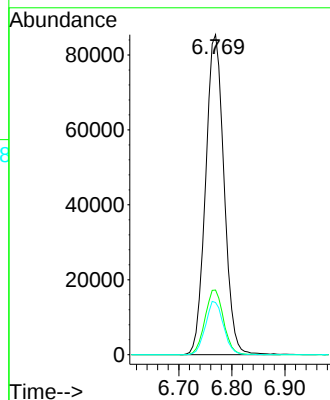
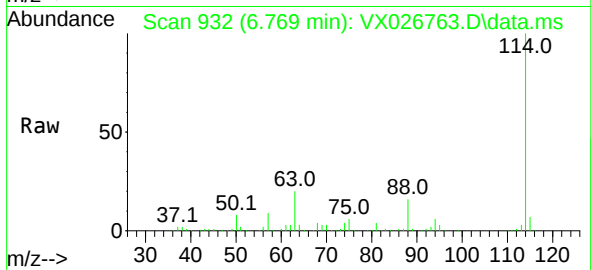




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.006 min
Lab File: VX026763.D
Acq: 03 Feb 2022 17:12

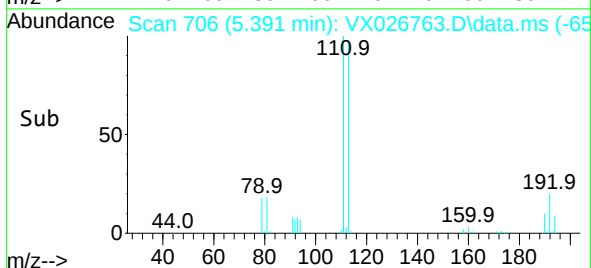
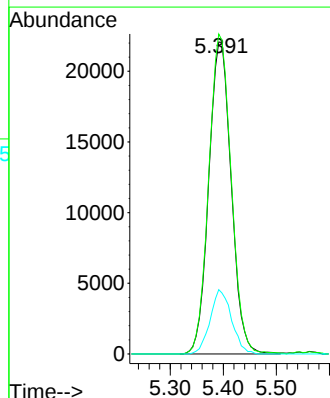
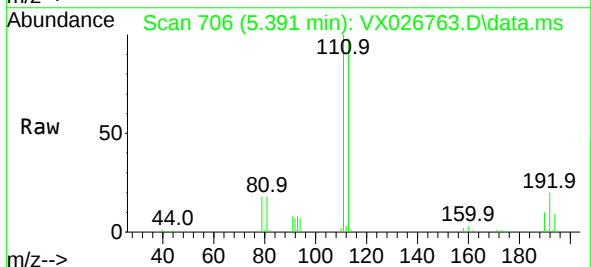
Instrument :
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ClientSampleId :
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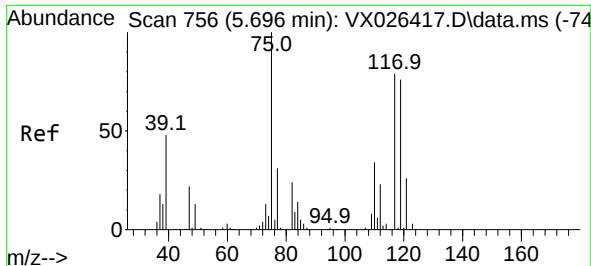
Tgt Ion:114 Resp: 205832
Ion Ratio Lower Upper
114 100
63 20.2 0.0 42.8
88 16.3 0.0 33.0



#35
Dibromofluoromethane
Concen: 48.865 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026763.D
Acq: 03 Feb 2022 17:12

Tgt Ion:113 Resp: 64951
Ion Ratio Lower Upper
113 100
111 102.4 81.2 121.8
192 19.6 15.0 22.4

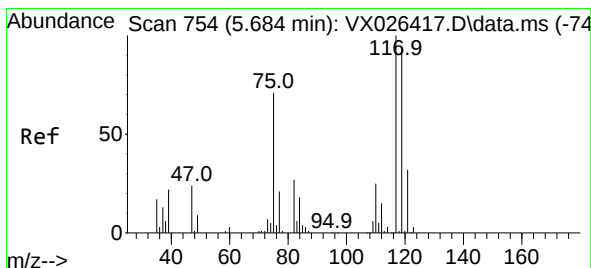
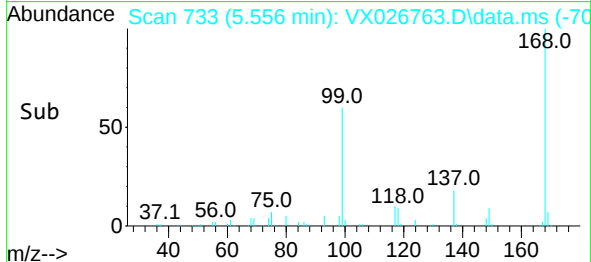
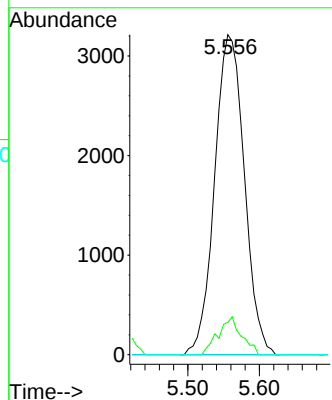
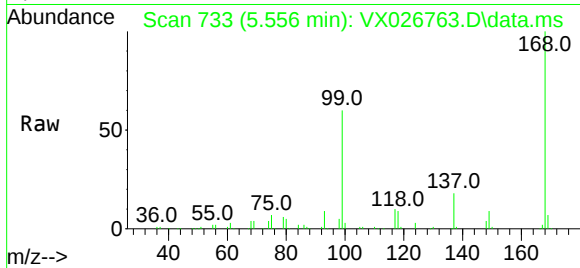




#36
1,1-Dichloropropene
Concen: 4.418 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.140 min
Lab File: VX026763.D
Acq: 03 Feb 2022 17:12

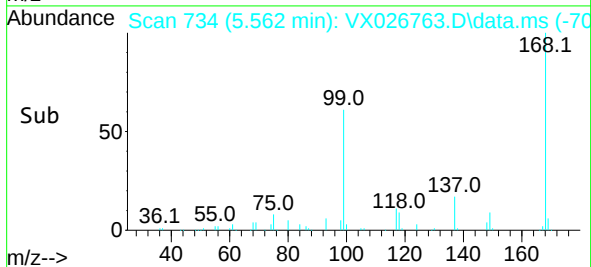
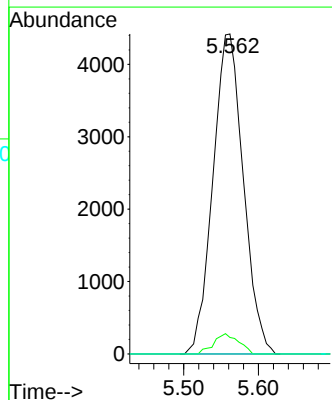
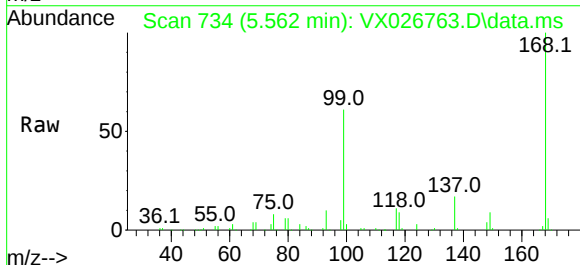
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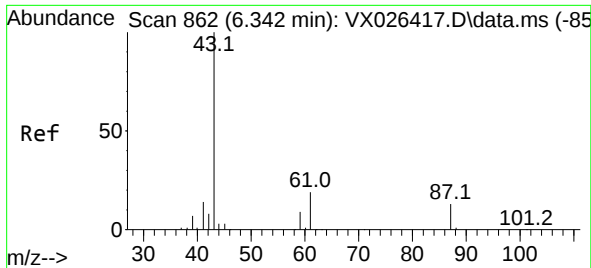
Tgt Ion: 75 Resp: 9270
Ion Ratio Lower Upper
75 100
110 9.3 17.2 51.6#
77 0.0 24.6 36.8#



#38
Carbon Tetrachloride
Concen: 5.795 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX026763.D
Acq: 03 Feb 2022 17:12

Tgt Ion: 117 Resp: 12507
Ion Ratio Lower Upper
117 100
119 5.1 74.7 112.1#
121 0.0 25.4 38.0#

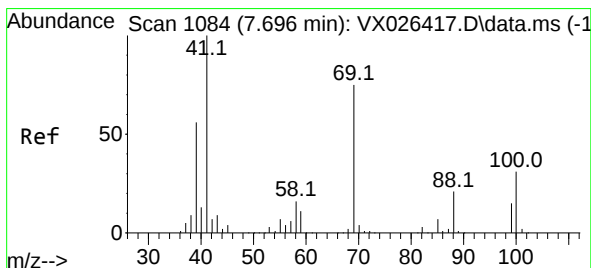
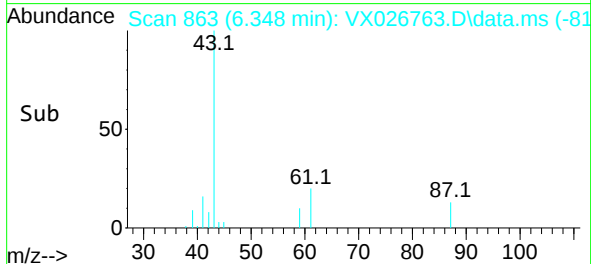
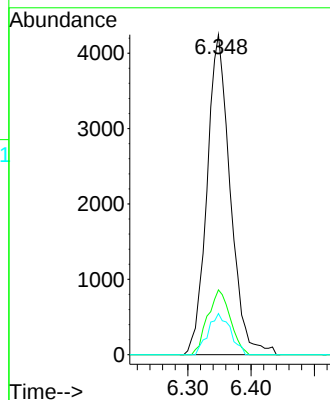
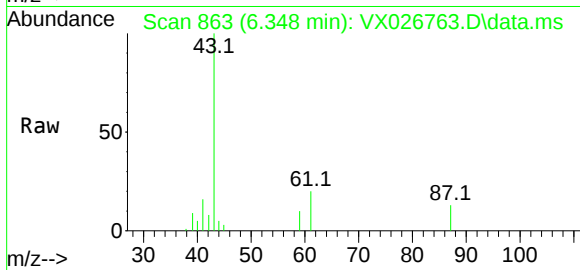




#43
Isopropyl Acetate
Concen: 3.165 ug/l
RT: 6.348 min Scan# 80
Delta R.T. 0.006 min
Lab File: VX026763.D
Acq: 03 Feb 2022 17:12

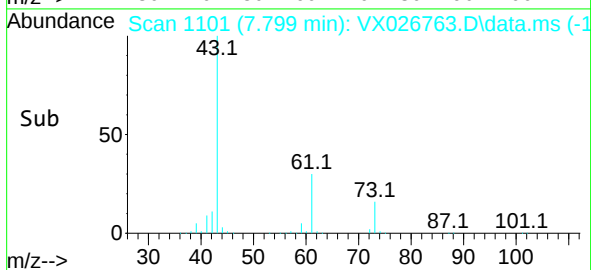
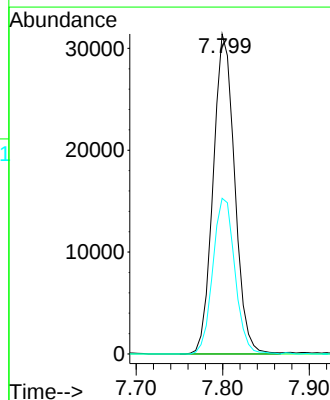
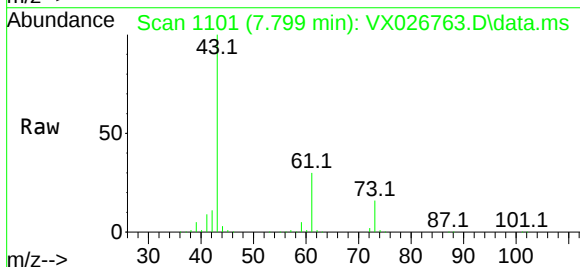
Instrument :
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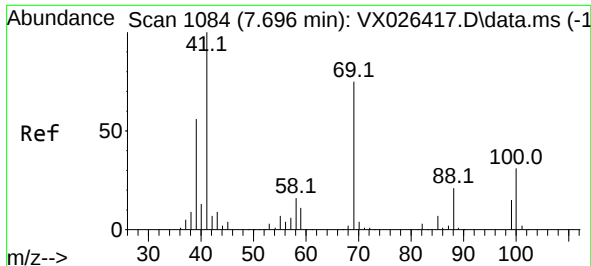
Tgt Ion: 43 Resp: 10853
Ion Ratio Lower Upper
43 100
61 19.7 15.4 23.0
87 12.2 10.2 15.2



#48
Methyl methacrylate
Concen: 31.933 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.104 min
Lab File: VX026763.D
Acq: 03 Feb 2022 17:12

Tgt Ion: 41 Resp: 54262
Ion Ratio Lower Upper
41 100
69 0.0 62.2 93.4#
39 49.8 45.4 68.0





#49

1,4-Dioxane

Concen: 1.650 ug/l

RT: 7.793 min Scan# 1100

Delta R.T. 0.098 min

Lab File: VX026763.D

Acq: 03 Feb 2022 17:12

Instrument :

MSVOA_X

ClientSampleId :

B-PHC

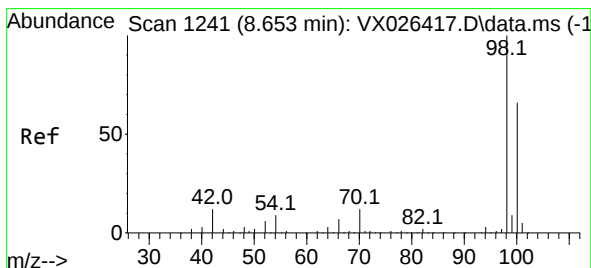
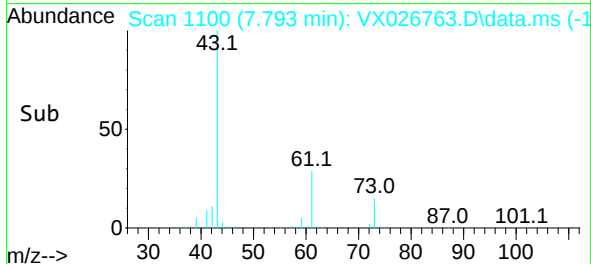
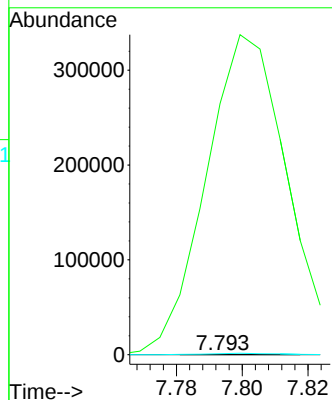
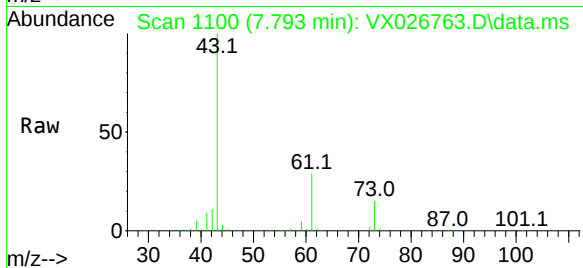
Tgt Ion: 88 Resp: 46

Ion Ratio Lower Upper

88 100

43 1271358.7 29.9 44.9#

58 4819.6 57.8 86.6#



#50

Toluene-d8

Concen: 49.368 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VX026763.D

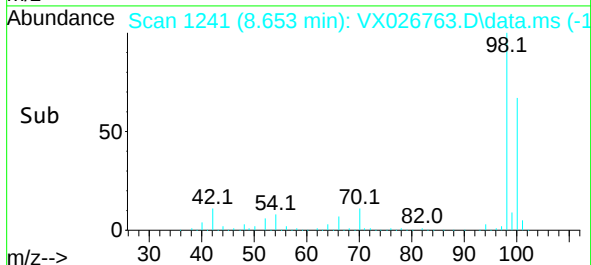
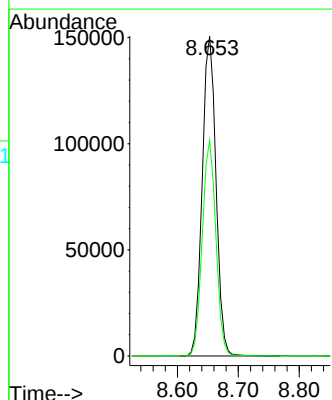
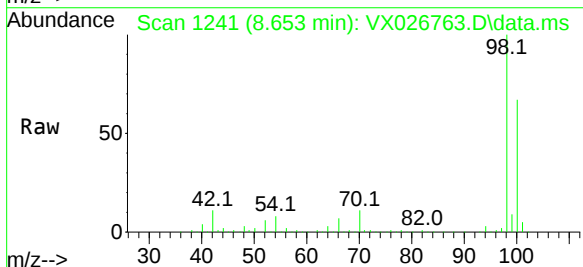
Acq: 03 Feb 2022 17:12

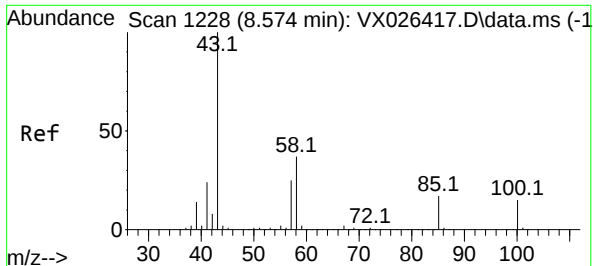
Tgt Ion: 98 Resp: 236464

Ion Ratio Lower Upper

98 100

100 66.7 53.2 79.8

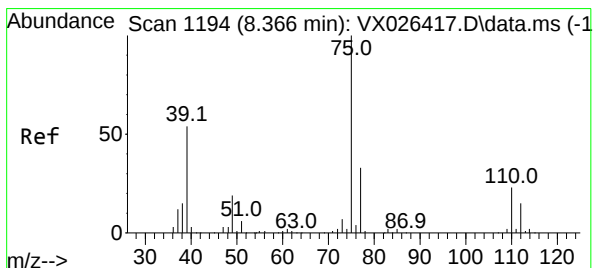
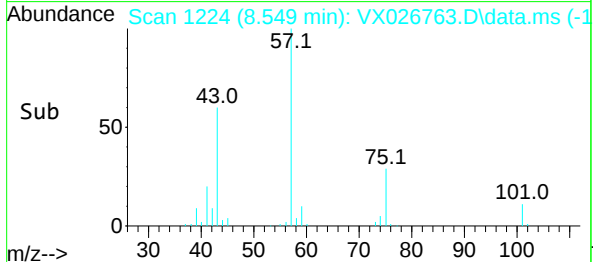
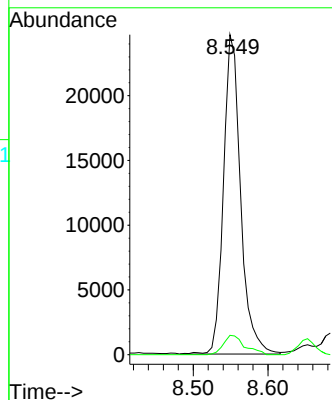
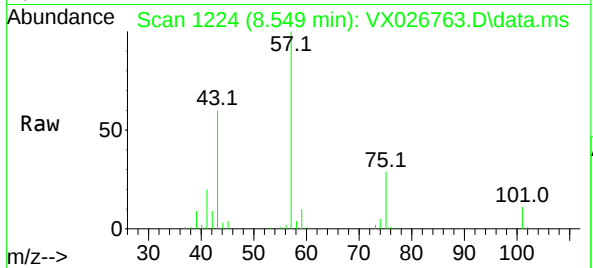




#51
4-Methyl-2-Pentanone
Concen: 19.317 ug/l
RT: 8.549 min Scan# 11
Delta R.T. -0.024 min
Lab File: VX026763.D
Acq: 03 Feb 2022 17:12

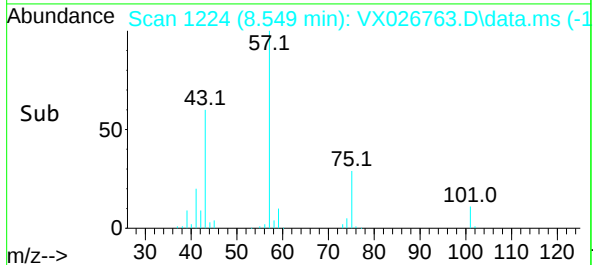
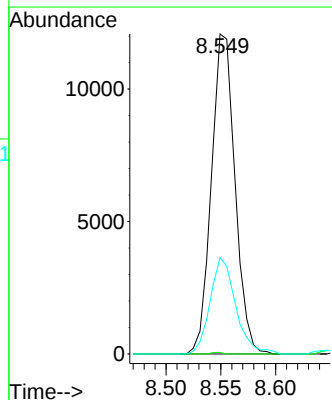
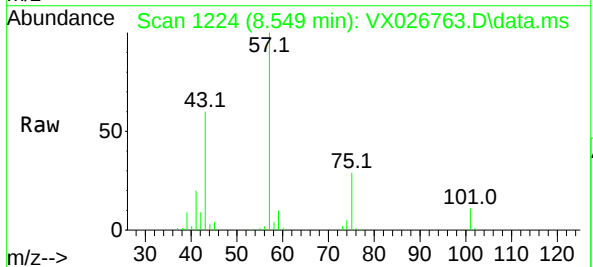
Instrument :
MSVOA_X
ClientSampleId :
B-PHC

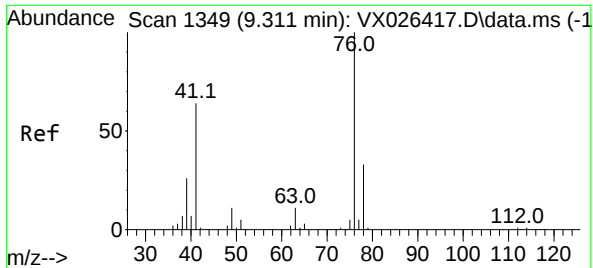
Tgt Ion: 43 Resp: 39285
Ion Ratio Lower Upper
43 100
58 7.6 30.5 45.7#



#54
cis-1,3-Dichloropropene
Concen: 8.164 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. 0.183 min
Lab File: VX026763.D
Acq: 03 Feb 2022 17:12

Tgt Ion: 75 Resp: 18081
Ion Ratio Lower Upper
75 100
77 0.5 26.2 39.2#
39 30.1 43.5 65.3#





#57

1,3-Dichloropropane

Concen: 4.108 ug/l

RT: 9.488 min Scan# 1378

Delta R.T. 0.177 min

Lab File: VX026763.D

Acq: 03 Feb 2022 17:12

Instrument :

MSVOA_X

ClientSampleId :

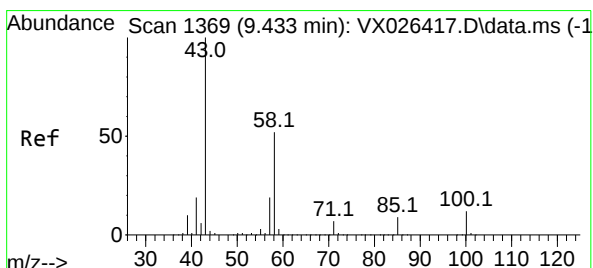
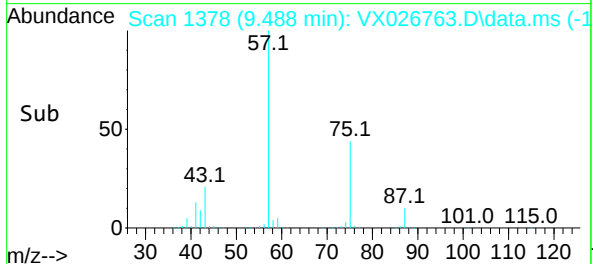
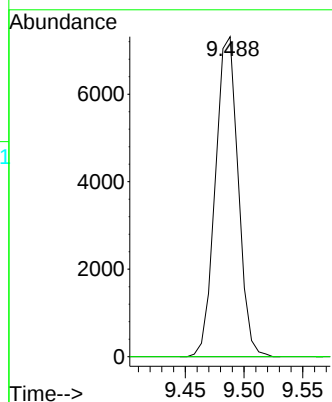
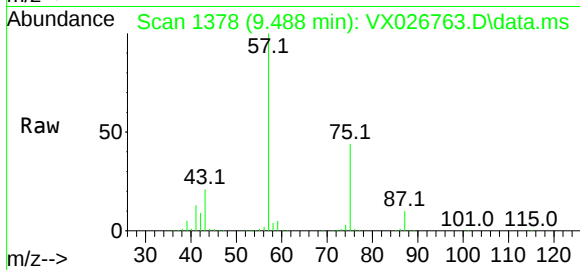
B-PHC

Tgt Ion: 76 Resp: 9884

Ion Ratio Lower Upper

76 100

78 0.0 25.7 38.5#



#59

2-Hexanone

Concen: 90.076 ug/l

RT: 9.488 min Scan# 1378

Delta R.T. 0.055 min

Lab File: VX026763.D

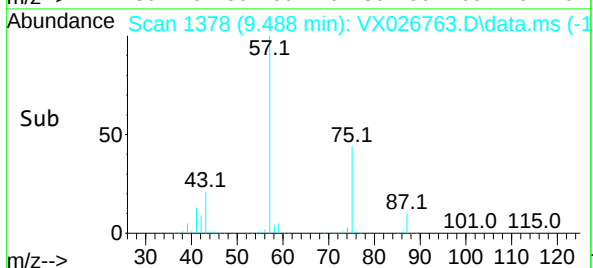
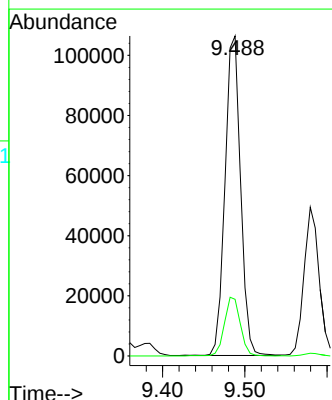
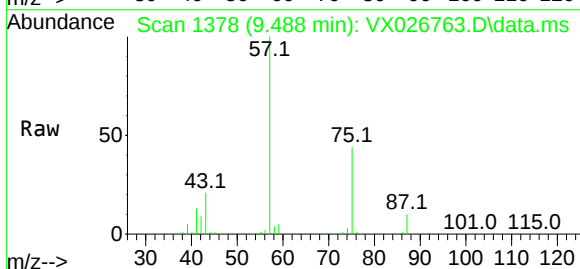
Acq: 03 Feb 2022 17:12

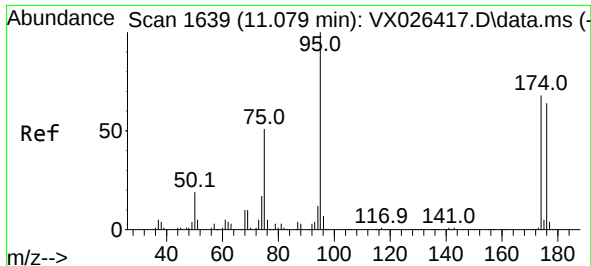
Tgt Ion: 43 Resp: 140208

Ion Ratio Lower Upper

43 100

58 18.7 26.4 79.2#

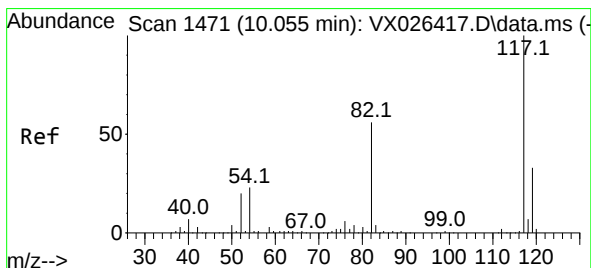
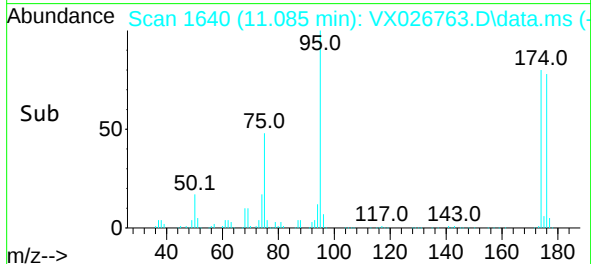
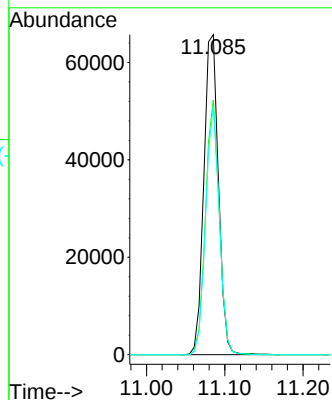
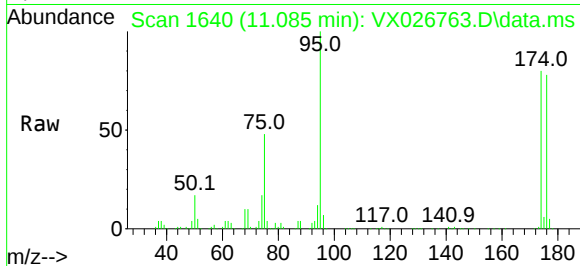




#62
4-Bromofluorobenzene
Concen: 49.875 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX026763.D
Acq: 03 Feb 2022 17:12

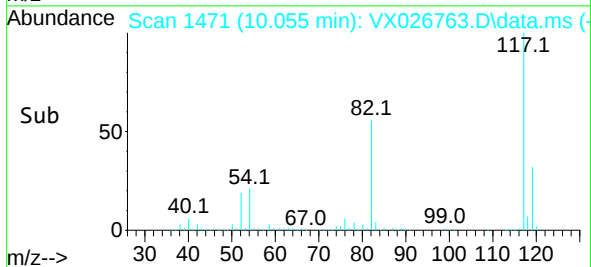
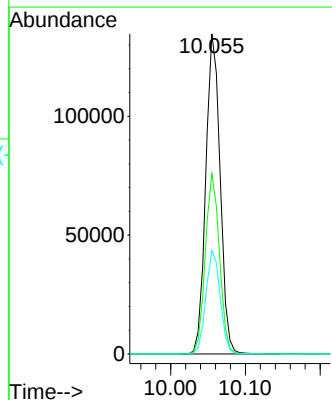
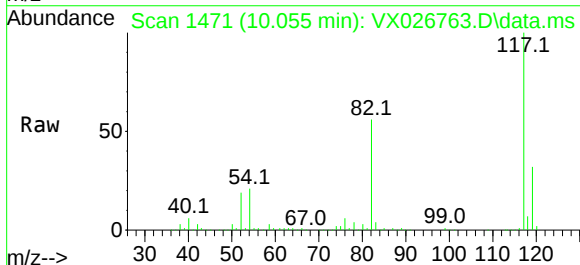
Instrument :
MSVOA_X
ClientSampleId :
B-PHC

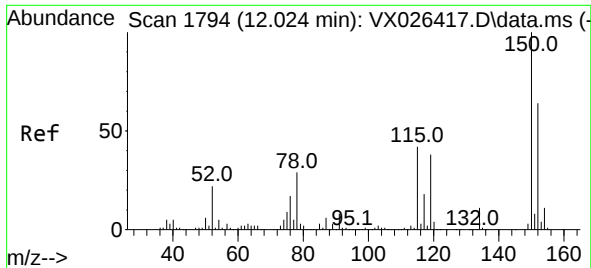
Tgt Ion: 95 Resp: 84865
Ion Ratio Lower Upper
95 100
174 75.3 0.0 148.6
176 73.1 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026763.D
Acq: 03 Feb 2022 17:12

Tgt Ion: 117 Resp: 179932
Ion Ratio Lower Upper
117 100
82 56.3 45.2 67.8
119 32.2 26.2 39.2

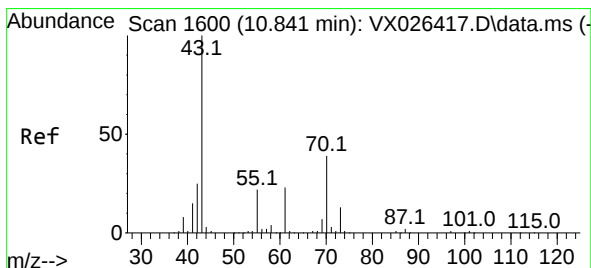
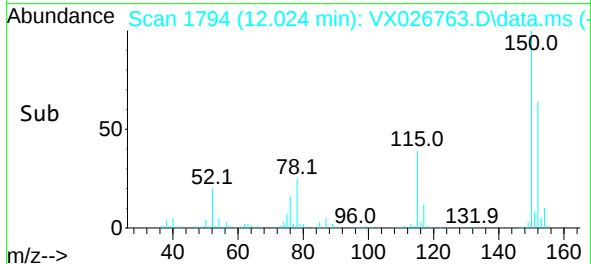
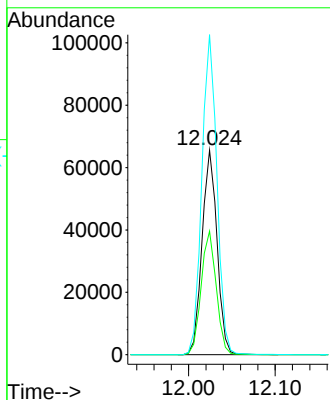
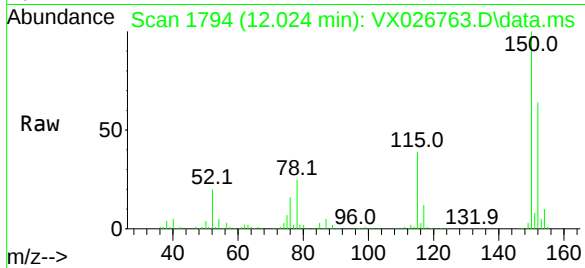




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX026763.D
Acq: 03 Feb 2022 17:12

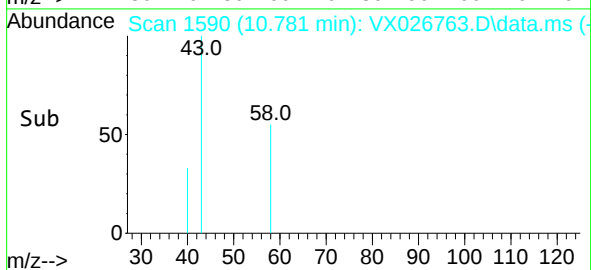
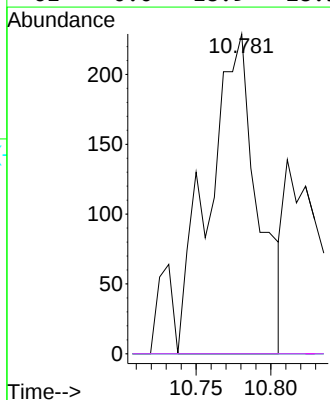
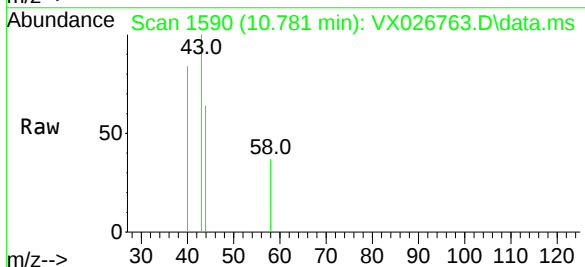
Instrument :
MSVOA_X
ClientSampleId :
B-PHC

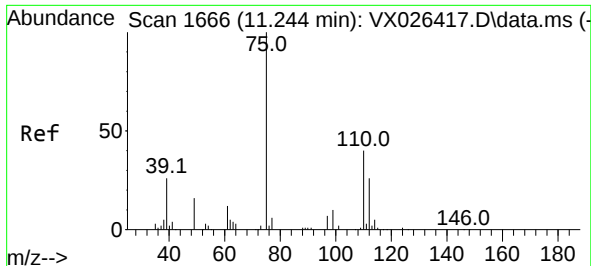
Tgt Ion:152 Resp: 78813
Ion Ratio Lower Upper
152 100
115 60.7 44.2 132.6
150 157.4 0.0 348.2



#74
N-ethyl acetate
Concen: 0.208 ug/l
RT: 10.781 min Scan# 1590
Delta R.T. -0.061 min
Lab File: VX026763.D
Acq: 03 Feb 2022 17:12

Tgt Ion: 43 Resp: 519
Ion Ratio Lower Upper
43 100
70 0.0 32.9 49.3#
55 0.0 18.3 27.5#
61 0.0 18.9 28.3#

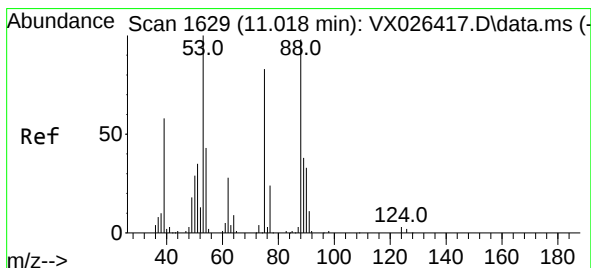
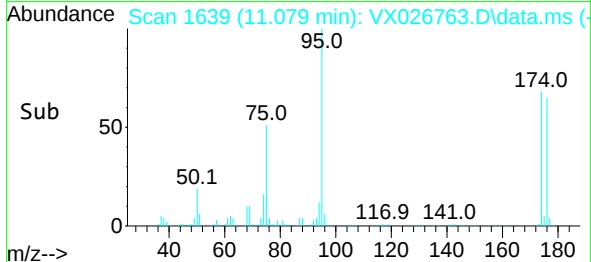
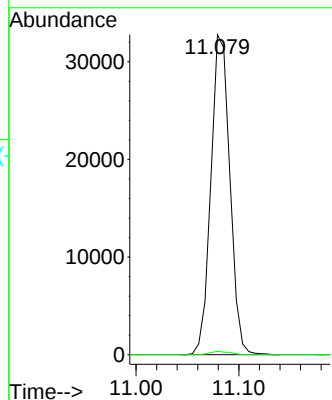
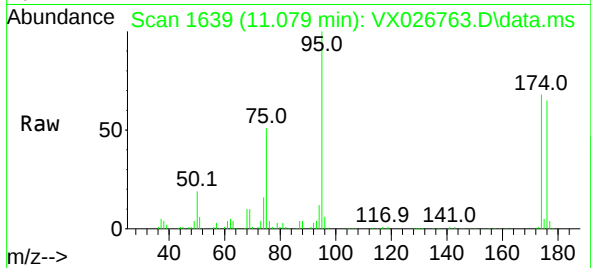




#76
1,2,3-Trichloropropane
Concen: 24.194 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX026763.D
Acq: 03 Feb 2022 17:12

Instrument :
MSVOA_X
ClientSampleId :
B-PHC

Tgt Ion: 75 Resp: 41983
Ion Ratio Lower Upper
75 100
77 1.1 18.3 54.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 73.700 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX026763.D
Acq: 03 Feb 2022 17:12

Tgt Ion: 75 Resp: 41983
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#

