

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012822\
 Data File : VX026666.D
 Acq On : 28 Jan 2022 20:59
 Operator : JC/MD
 Sample : N1319-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-2S

Quant Time: Jan 29 02:21:49 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)

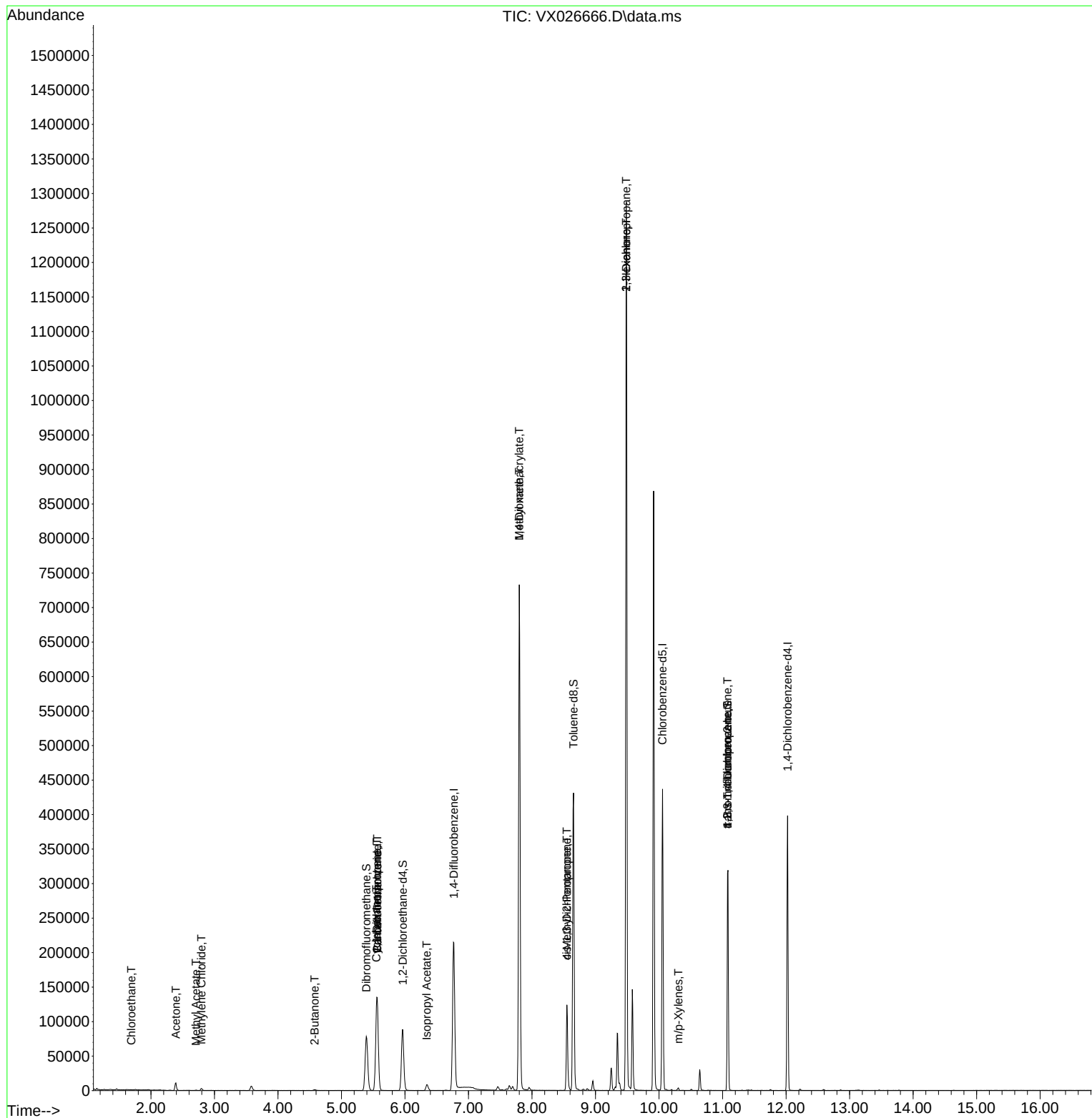
Internal Standards						
1) Pentafluorobenzene	5.562	168	129272	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	220581	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	190989	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	81549	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	84474	46.778	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.560%		
35) Dibromofluoromethane	5.391	113	69669	48.910	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.820%		
50) Toluene-d8	8.653	98	253908	49.465	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.920%		
62) 4-Bromofluorobenzene	11.079	95	89386	49.020	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.040%		
Target Compounds						Qvalue
6) Chloroethane	1.691	64	238	0.320	ug/l #	43
16) Acetone	2.392	43	12526	13.602	ug/l	100
18) Methyl Acetate	2.709	43	854	0.466	ug/l #	89
20) Methylene Chloride	2.794	84	1352	0.889	ug/l	99
25) 2-Butanone	4.574	43	2658	2.219	ug/l	96
31) Cyclohexane	5.550	56	2555	0.959	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	9756	4.339	ug/l #	50
38) Carbon Tetrachloride	5.562	117	13164	5.691	ug/l #	17
43) Isopropyl Acetate	6.342	43	11916	3.243	ug/l	100
48) Methyl methacrylate	7.799	41	61262	33.642	ug/l #	44
49) 1,4-Dioxane	7.799	88	61	2.041	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	42450	19.477	ug/l #	51
54) cis-1,3-Dichloropropene	8.549	75	19651	8.280	ug/l #	55
57) 1,3-Dichloropropane	9.482	76	11412	4.426	ug/l #	43
59) 2-Hexanone	9.482	43	158310	94.905	ug/l #	51
68) m/p-Xylenes	10.305	106	1023	0.374	ug/l	82
76) 1,2,3-Trichloropropane	11.079	75	44266	24.653	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	44266	75.006	ug/l #	3

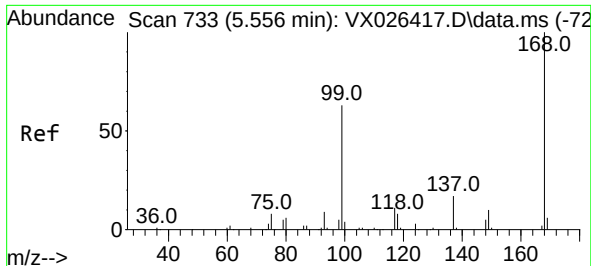
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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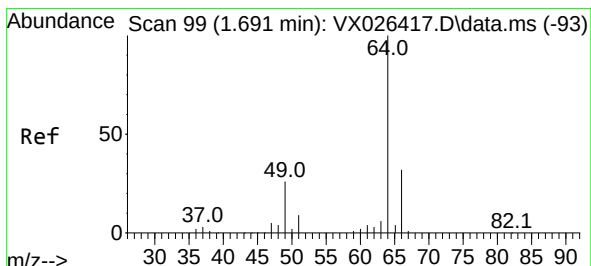
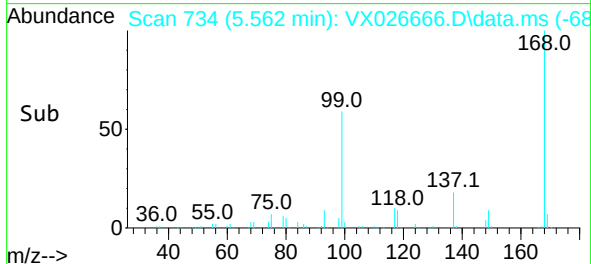
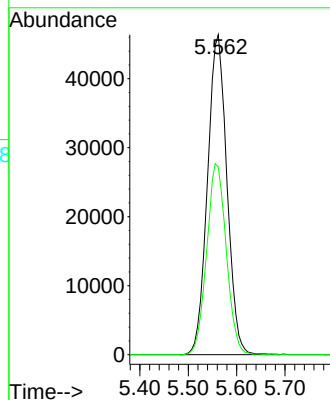
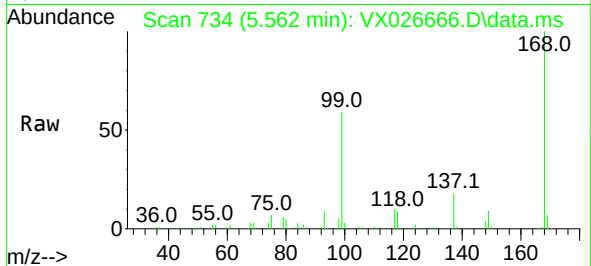




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX026666.D
Acq: 28 Jan 2022 20:59

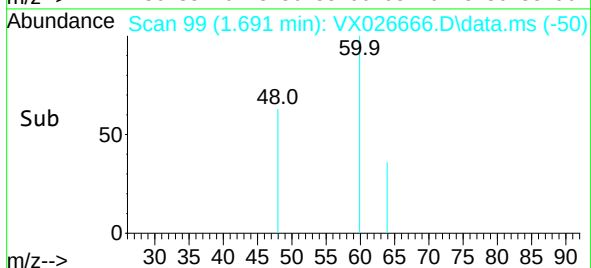
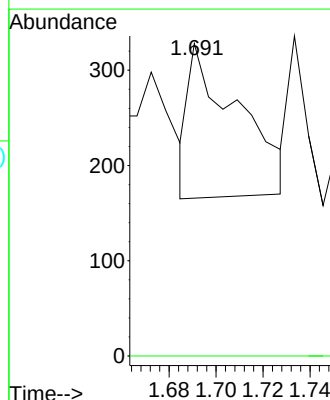
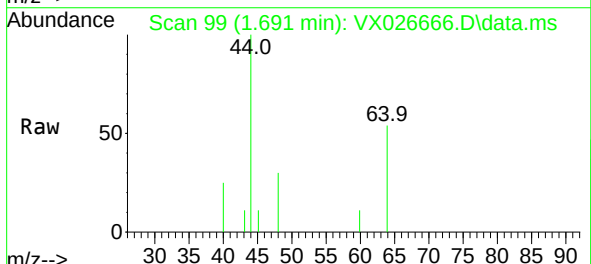
Instrument :
MSVOA_X
ClientSampleId :
MH-2S

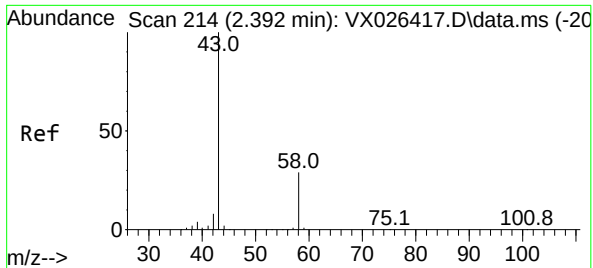
Tgt Ion:168 Resp: 129272
Ion Ratio Lower Upper
168 100
99 58.7 50.3 75.5



#6
Chloroethane
Concen: 0.320 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX026666.D
Acq: 28 Jan 2022 20:59

Tgt Ion: 64 Resp: 238
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#

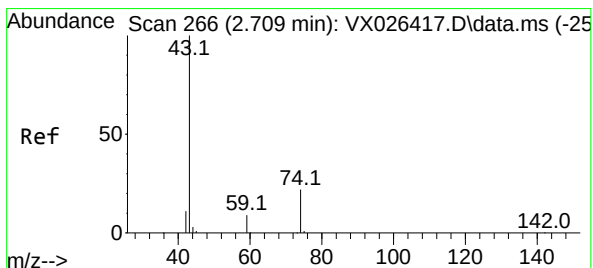
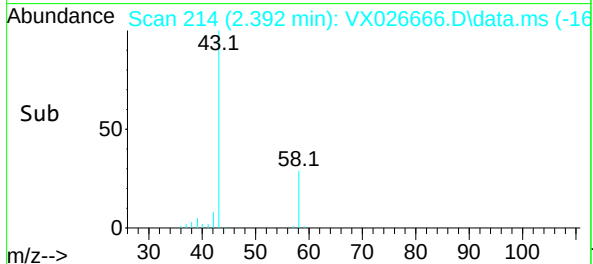
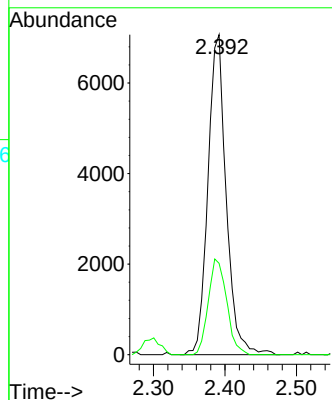
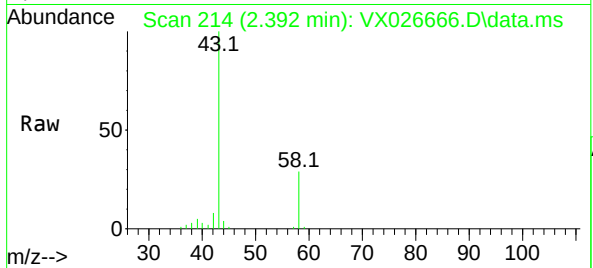




#16
Acetone
Concen: 13.602 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX026666.D
Acq: 28 Jan 2022 20:59

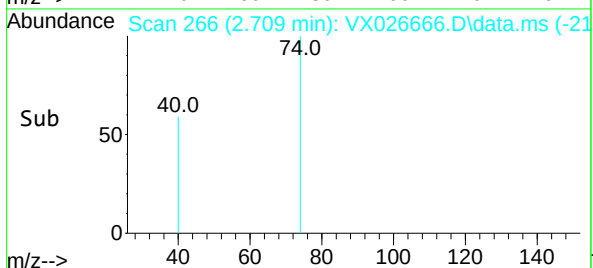
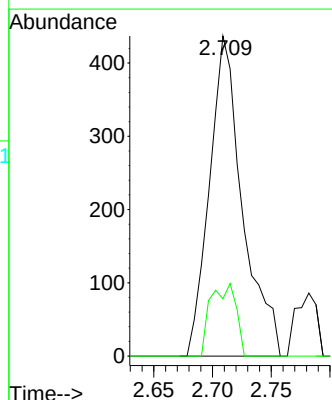
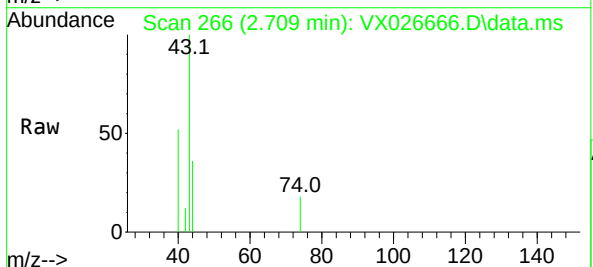
Instrument :
MSVOA_X
ClientSampleId :
MH-2S

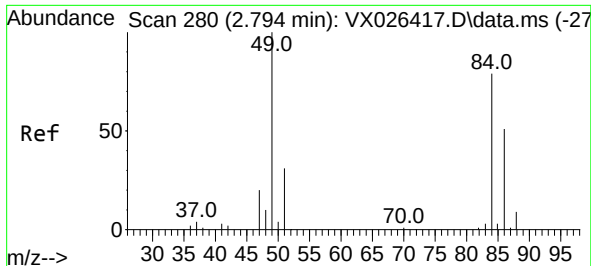
Tgt Ion: 43 Resp: 12526
Ion Ratio Lower Upper
43 100
58 28.6 23.0 34.6



#18
Methyl Acetate
Concen: 0.466 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX026666.D
Acq: 28 Jan 2022 20:59

Tgt Ion: 43 Resp: 854
Ion Ratio Lower Upper
43 100
74 17.4 18.3 27.5#

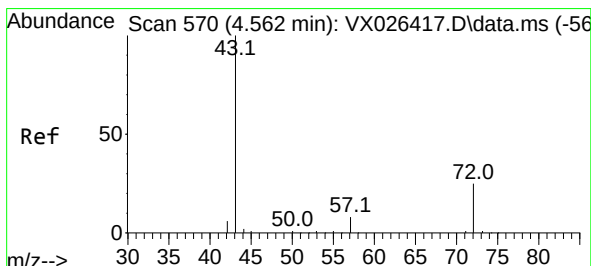
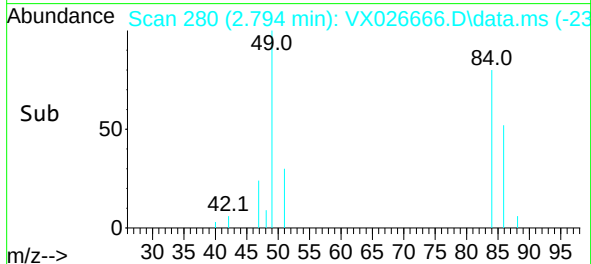
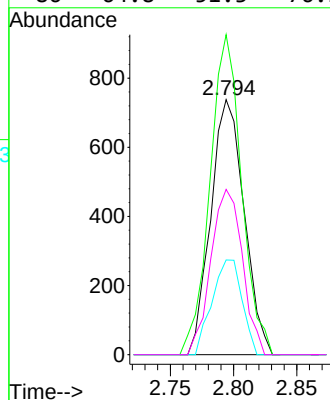
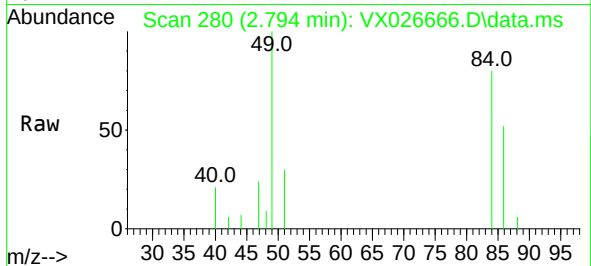




#20
Methylene Chloride
Concen: 0.889 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX026666.D
Acq: 28 Jan 2022 20:59

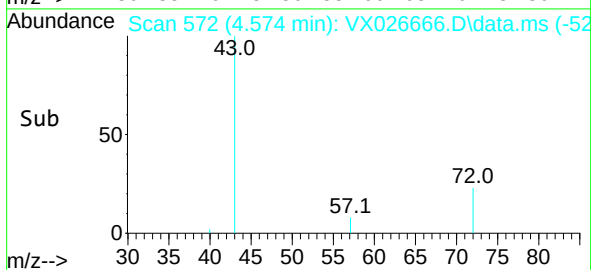
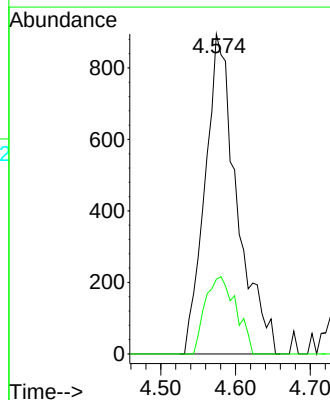
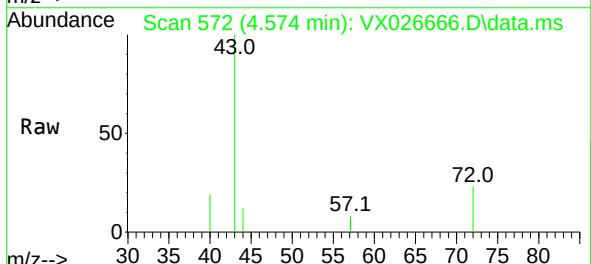
Instrument :
MSVOA_X
ClientSampleId :
MH-2S

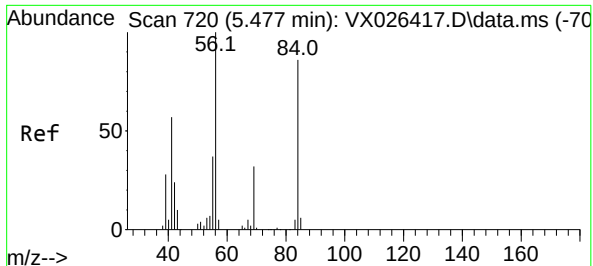
Tgt Ion: 84	Resp: 1352		
Ion	Ratio	Lower	Upper
84	100		
49	125.5	101.5	152.3
51	37.1	31.2	46.8
86	64.8	51.3	76.9



#25
2-Butanone
Concen: 2.219 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.012 min
Lab File: VX026666.D
Acq: 28 Jan 2022 20:59

Tgt Ion: 43	Resp: 2658
Ion Ratio	Lower Upper
43 100	
72 23.4	20.4 30.6

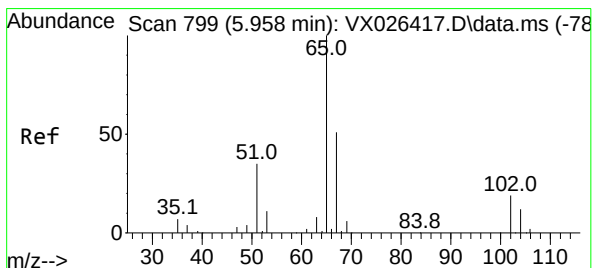
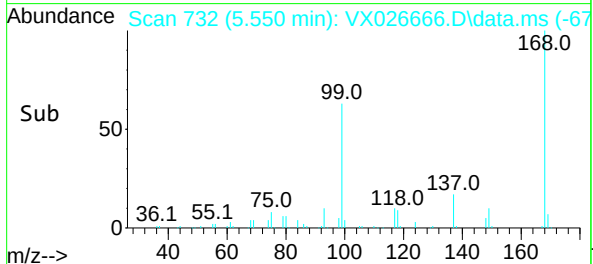
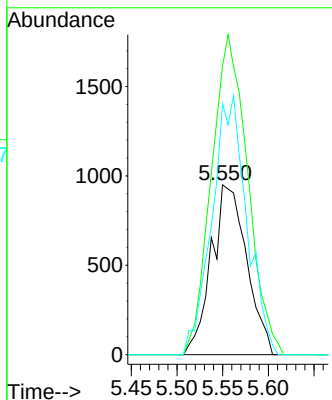
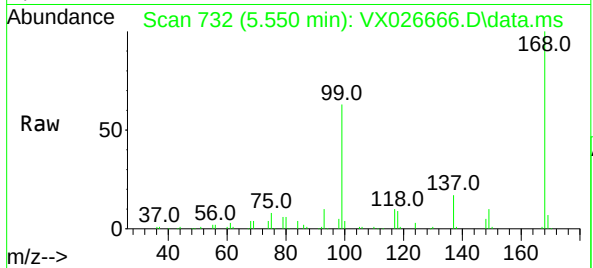




#31
Cyclohexane
Concen: 0.959 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.073 min
Lab File: VX026666.D
Acq: 28 Jan 2022 20:59

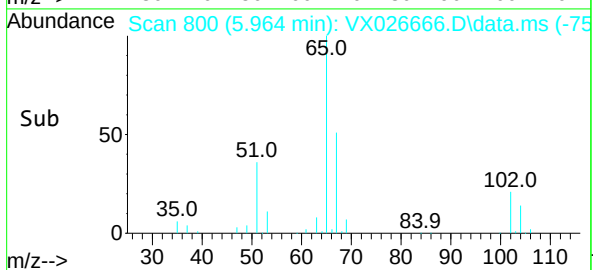
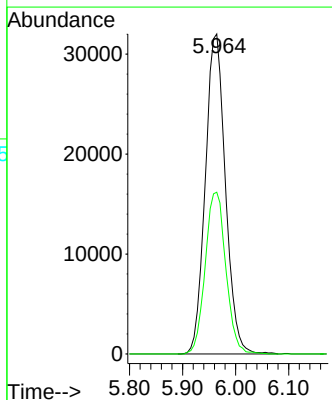
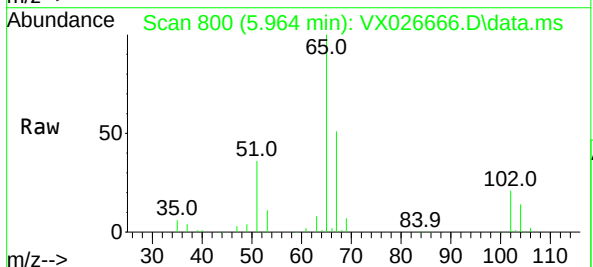
Instrument :
MSVOA_X
ClientSampleId :
MH-2S

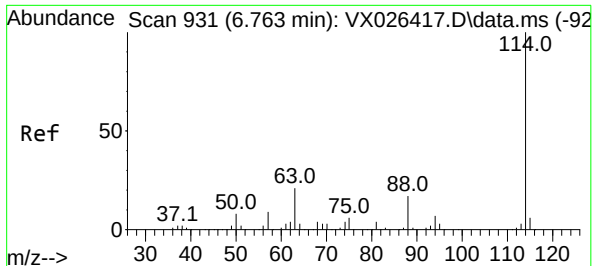
Tgt Ion: 56 Resp: 2555
Ion Ratio Lower Upper
56 100
69 170.0 25.8 38.6#
84 147.8 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 46.778 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX026666.D
Acq: 28 Jan 2022 20:59

Tgt Ion: 65 Resp: 84474
Ion Ratio Lower Upper
65 100
67 51.8 0.0 100.8

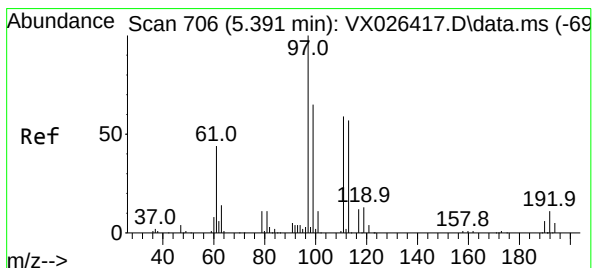
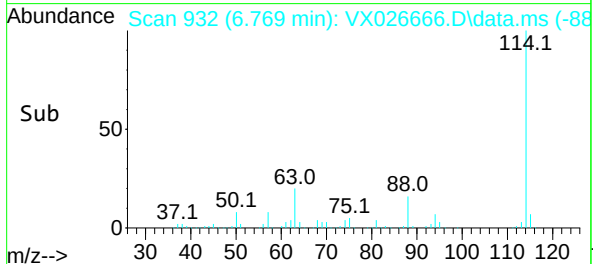
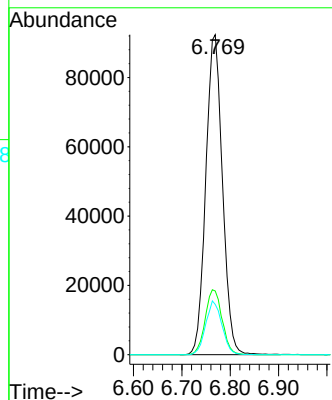
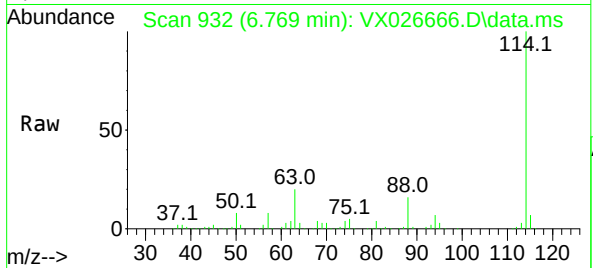




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX026666.D
Acq: 28 Jan 2022 20:59

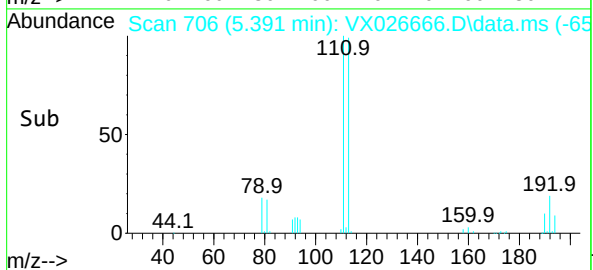
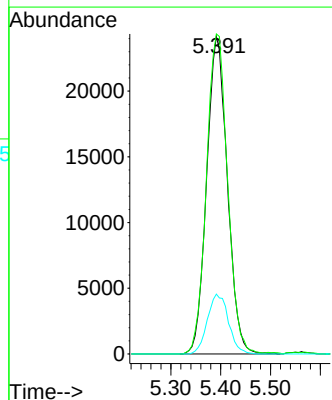
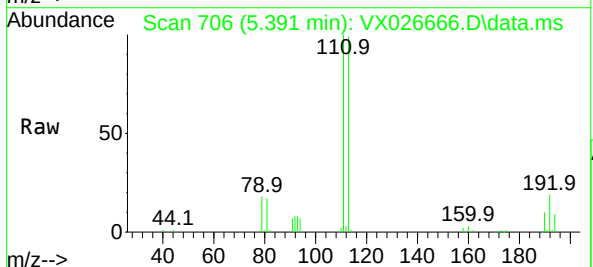
Instrument :
MSVOA_X
ClientSampleId :
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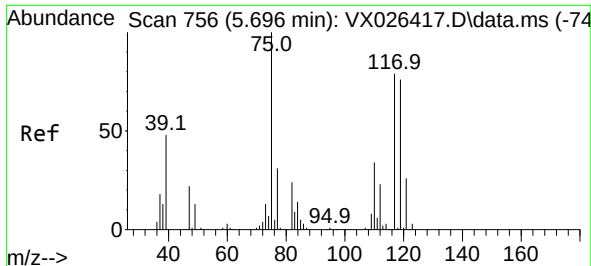
Tgt Ion:114 Resp: 220581
Ion Ratio Lower Upper
114 100
63 19.9 0.0 42.8
88 15.7 0.0 33.0



#35
Dibromofluoromethane
Concen: 48.910 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026666.D
Acq: 28 Jan 2022 20:59

Tgt Ion:113 Resp: 69669
Ion Ratio Lower Upper
113 100
111 102.9 81.2 121.8
192 19.2 15.0 22.4

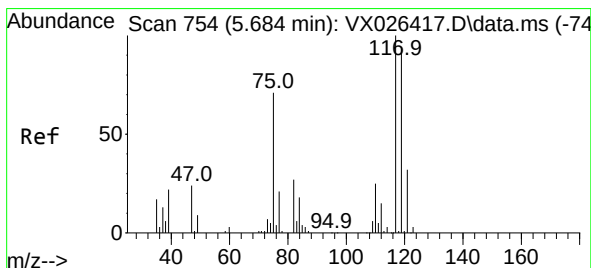
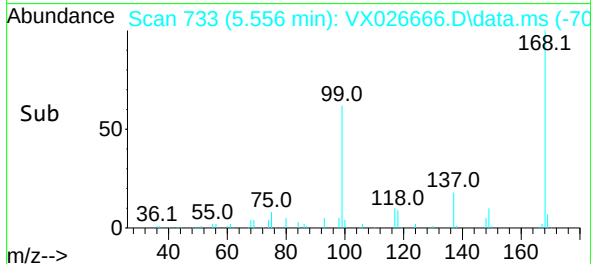
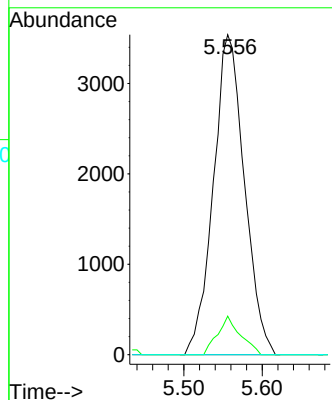
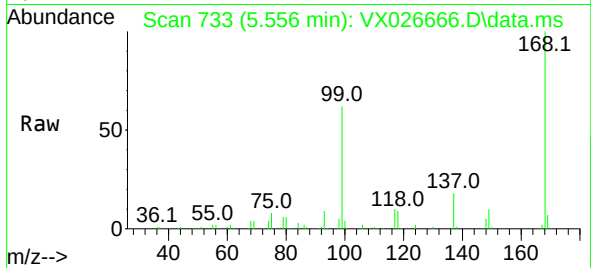




#36
1,1-Dichloropropene
Concen: 4.339 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.140 min
Lab File: VX026666.D
Acq: 28 Jan 2022 20:59

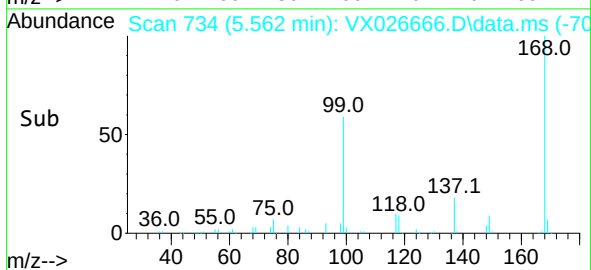
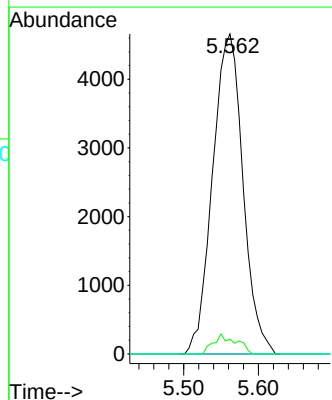
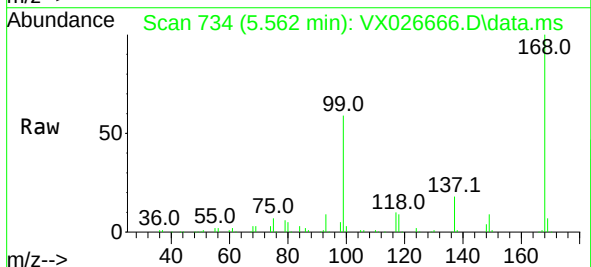
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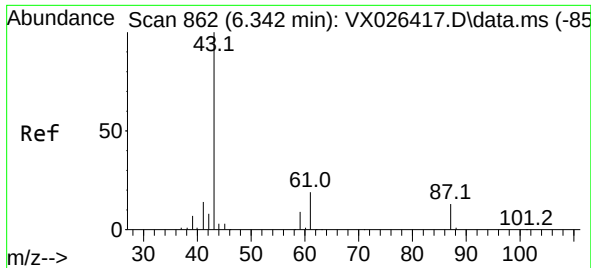
Tgt Ion: 75 Resp: 9756
Ion Ratio Lower Upper
75 100
110 8.9 17.2 51.6#
77 0.0 24.6 36.8#



#38
Carbon Tetrachloride
Concen: 5.691 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX026666.D
Acq: 28 Jan 2022 20:59

Tgt Ion: 117 Resp: 13164
Ion Ratio Lower Upper
117 100
119 4.7 74.7 112.1#
121 0.0 25.4 38.0#

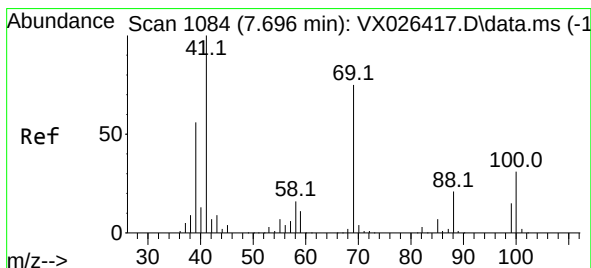
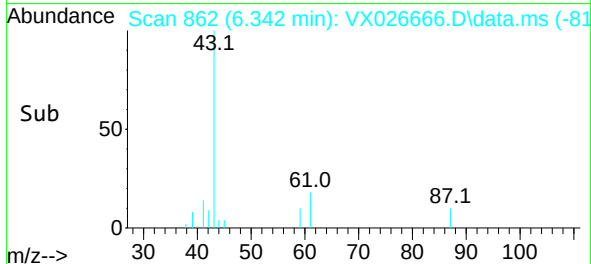
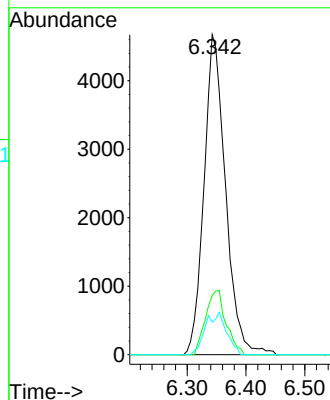
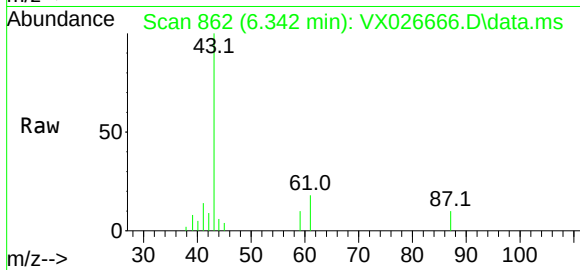




#43
Isopropyl Acetate
Concen: 3.243 ug/l
RT: 6.342 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX026666.D
Acq: 28 Jan 2022 20:59

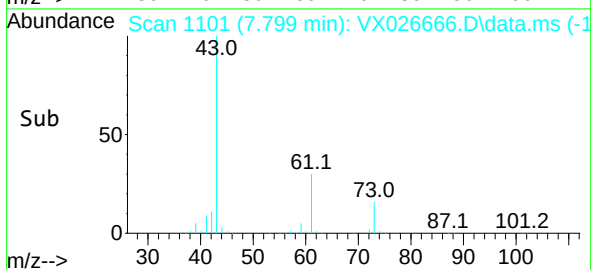
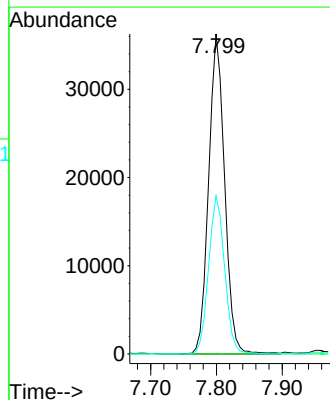
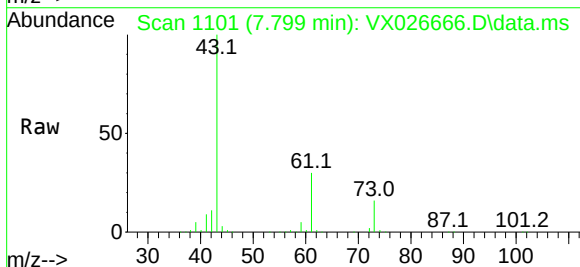
Instrument :
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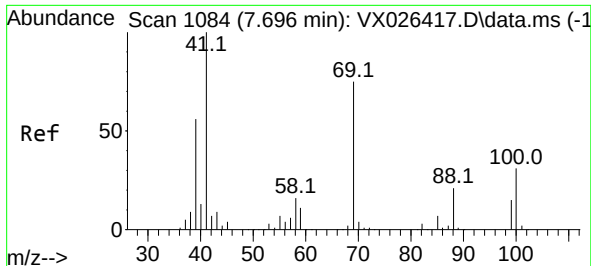
Tgt Ion: 43 Resp: 11916
Ion Ratio Lower Upper
43 100
61 19.1 15.4 23.0
87 13.0 10.2 15.2



#48
Methyl methacrylate
Concen: 33.642 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.104 min
Lab File: VX026666.D
Acq: 28 Jan 2022 20:59

Tgt Ion: 41 Resp: 61262
Ion Ratio Lower Upper
41 100
69 0.1 62.2 93.4#
39 49.7 45.4 68.0





#49

1,4-Dioxane

Concen: 2.041 ug/l

RT: 7.799 min Scan# 1101

Delta R.T. 0.104 min

Lab File: VX026666.D

Acq: 28 Jan 2022 20:59

Instrument :

MSVOA_X

ClientSampleId :

MH-2S

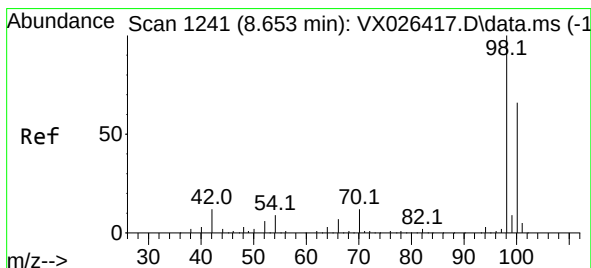
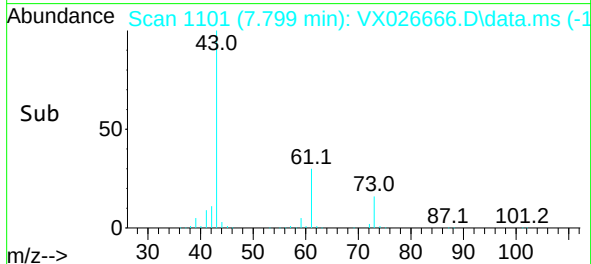
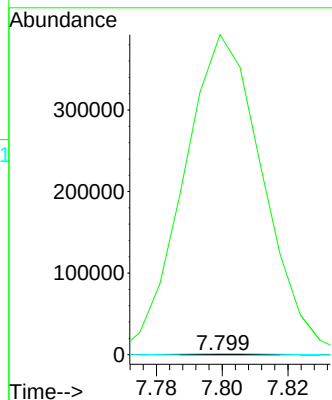
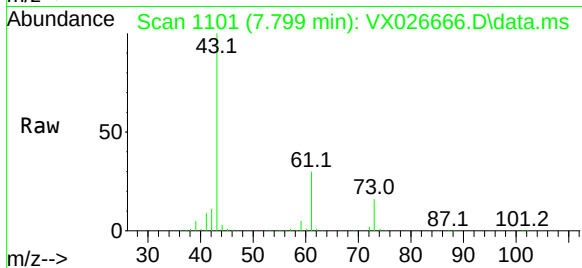
Tgt Ion: 88 Resp: 61

Ion Ratio Lower Upper

88 100

43 1094629.5 29.9 44.9#

58 4324.6 57.8 86.6#



#50

Toluene-d8

Concen: 49.465 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VX026666.D

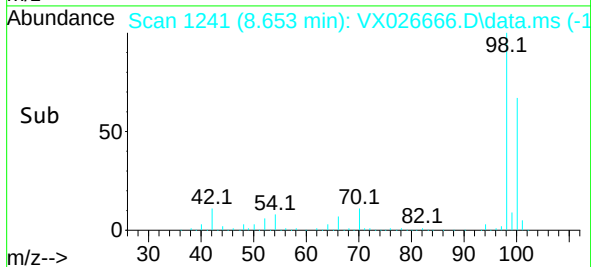
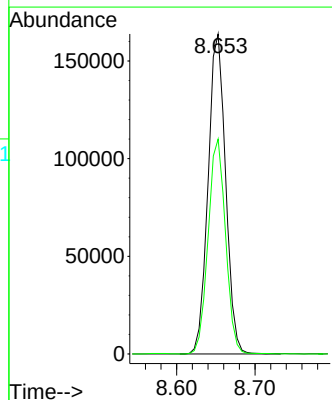
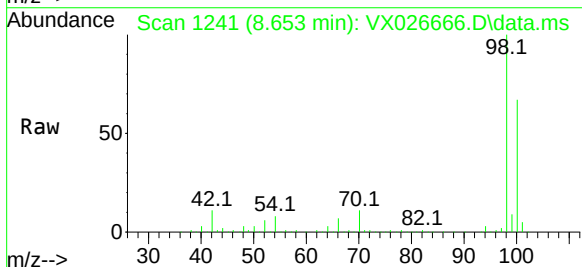
Acq: 28 Jan 2022 20:59

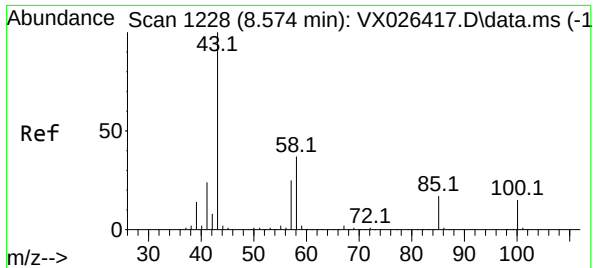
Tgt Ion: 98 Resp: 253908

Ion Ratio Lower Upper

98 100

100 66.9 53.2 79.8

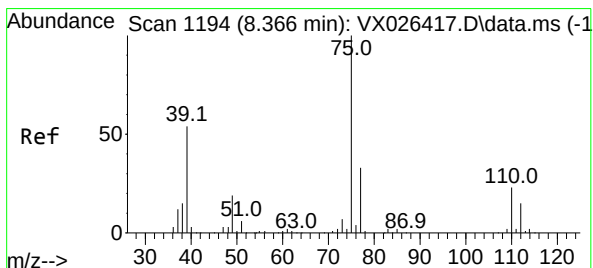
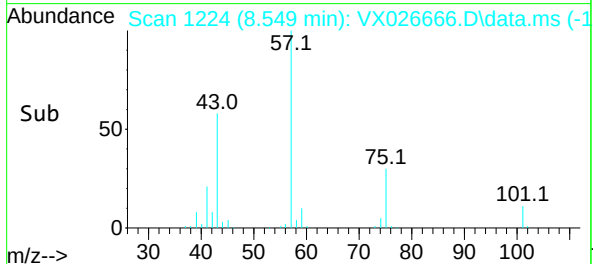
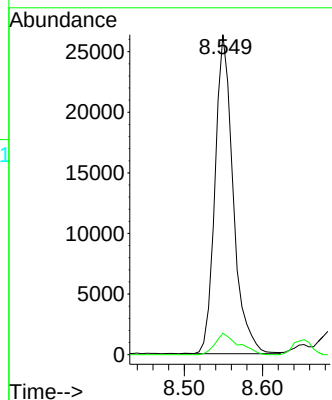
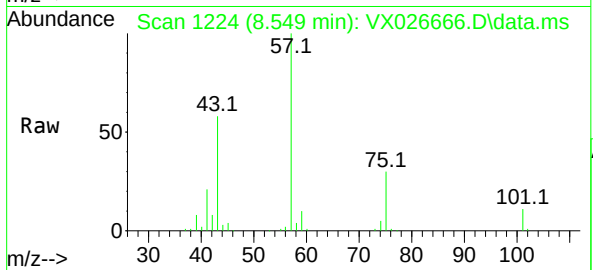




#51
4-Methyl-2-Pentanone
Concen: 19.477 ug/l
RT: 8.549 min Scan# 11
Delta R.T. -0.024 min
Lab File: VX026666.D
Acq: 28 Jan 2022 20:59

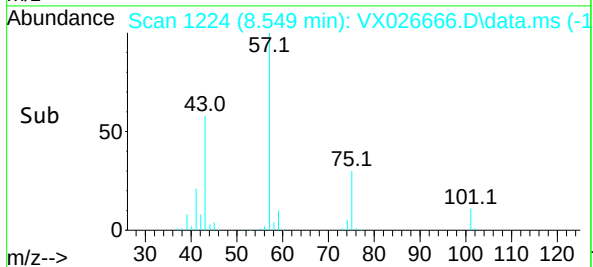
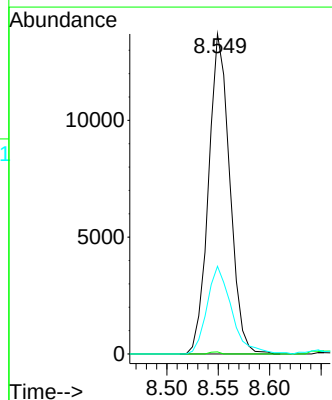
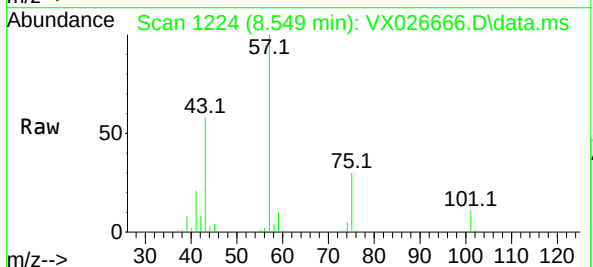
Instrument :
MSVOA_X
ClientSampleId :
MH-2S

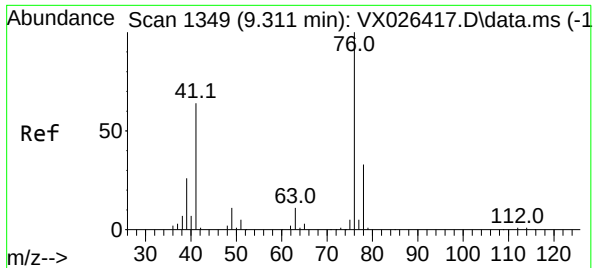
Tgt Ion: 43 Resp: 42450
Ion Ratio Lower Upper
43 100
58 8.5 30.5 45.7#



#54
cis-1,3-Dichloropropene
Concen: 8.280 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. 0.183 min
Lab File: VX026666.D
Acq: 28 Jan 2022 20:59

Tgt Ion: 75 Resp: 19651
Ion Ratio Lower Upper
75 100
77 0.6 26.2 39.2#
39 27.4 43.5 65.3#





#57

1,3-Dichloropropane

Concen: 4.426 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.171 min

Lab File: VX026666.D

Acq: 28 Jan 2022 20:59

Instrument :

MSVOA_X

ClientSampleId :

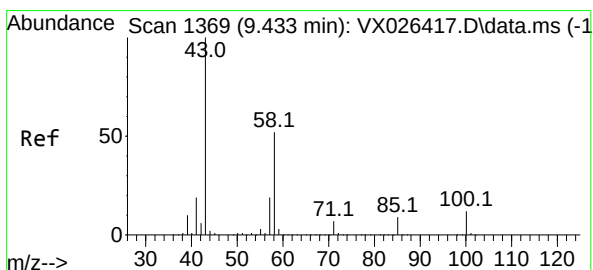
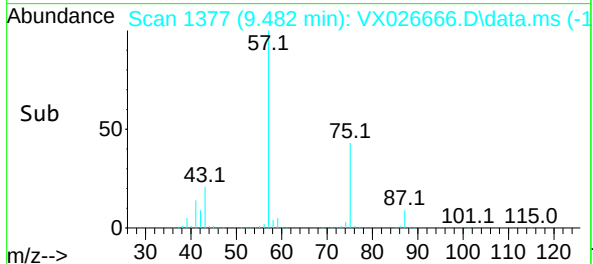
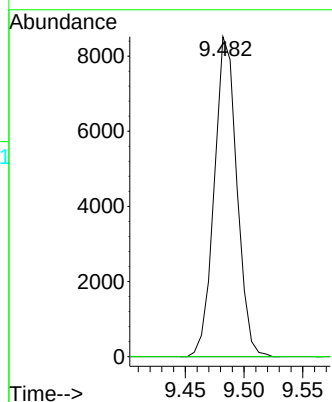
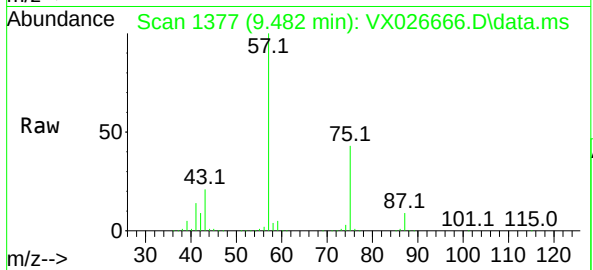
MH-2S

Tgt Ion: 76 Resp: 11412

Ion Ratio Lower Upper

76 100

78 0.0 25.7 38.5#



#59

2-Hexanone

Concen: 94.905 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.049 min

Lab File: VX026666.D

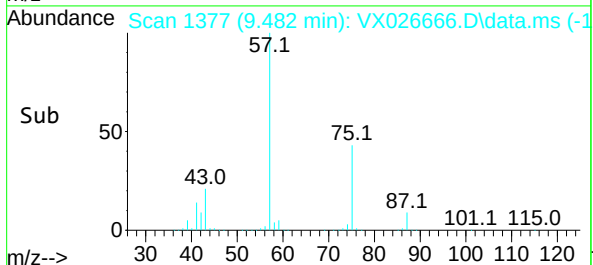
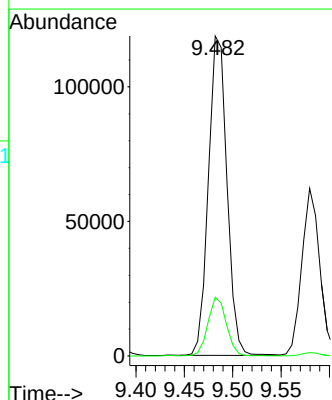
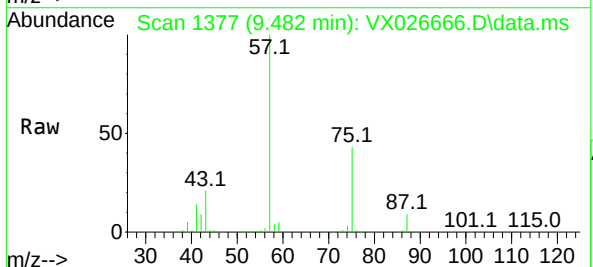
Acq: 28 Jan 2022 20:59

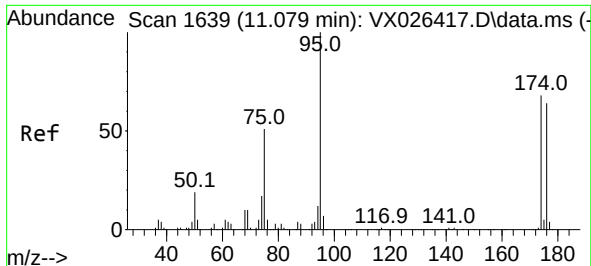
Tgt Ion: 43 Resp: 158310

Ion Ratio Lower Upper

43 100

58 18.2 26.4 79.2#

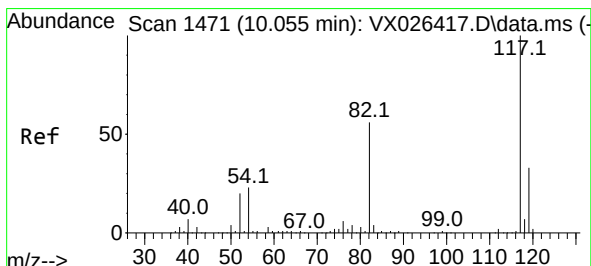
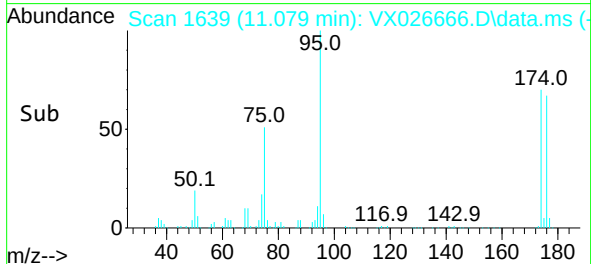
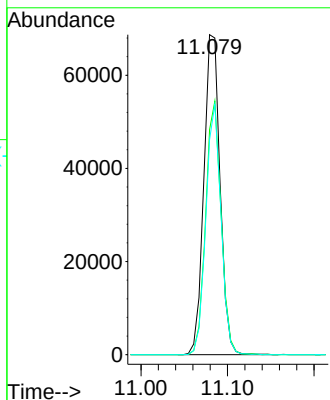
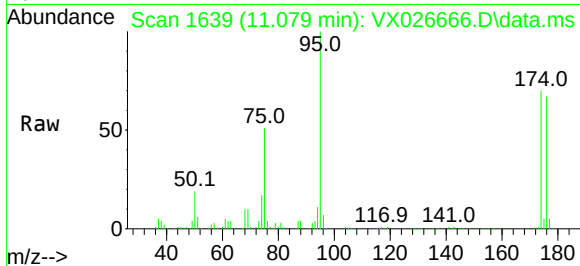




#62
4-Bromofluorobenzene
Concen: 49.020 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026666.D
Acq: 28 Jan 2022 20:59

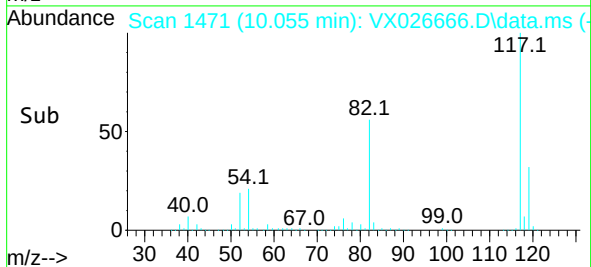
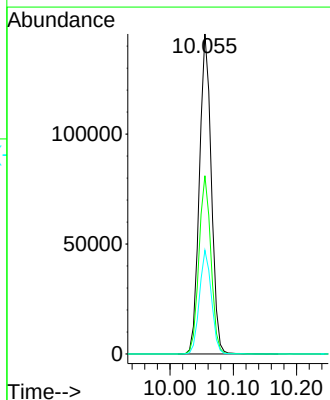
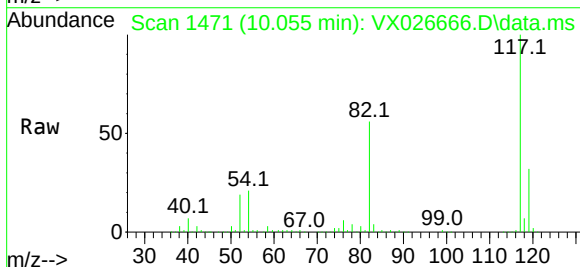
Instrument :
MSVOA_X
ClientSampleId :
MH-2S

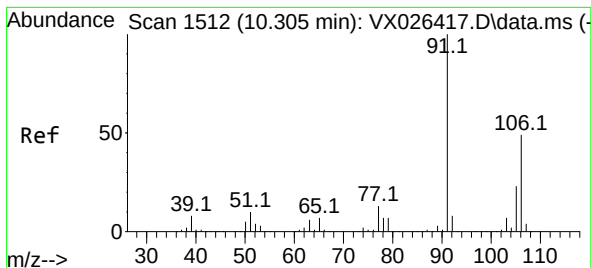
Tgt Ion: 95 Resp: 89386
Ion Ratio Lower Upper
95 100
174 75.5 0.0 148.6
176 73.1 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026666.D
Acq: 28 Jan 2022 20:59

Tgt Ion: 117 Resp: 190989
Ion Ratio Lower Upper
117 100
82 55.7 45.2 67.8
119 32.4 26.2 39.2

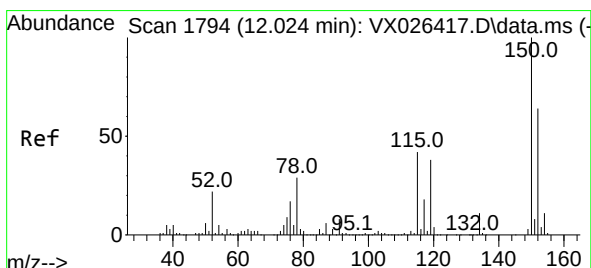
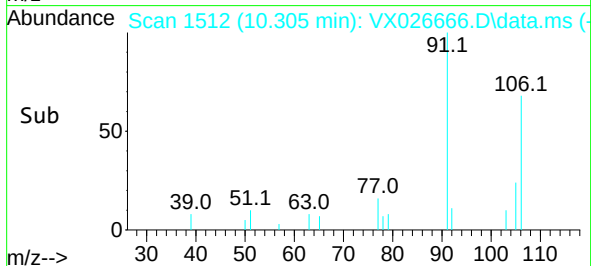
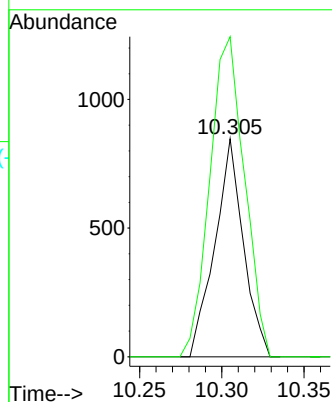
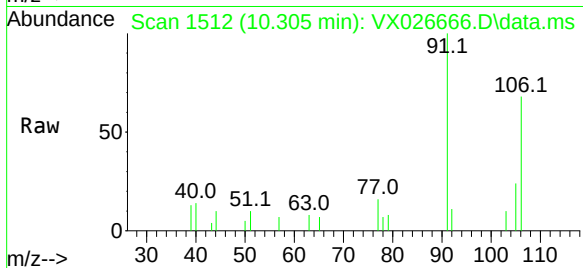




#68
m/p-Xylenes
Concen: 0.374 ug/l
RT: 10.305 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026666.D
Acq: 28 Jan 2022 20:59

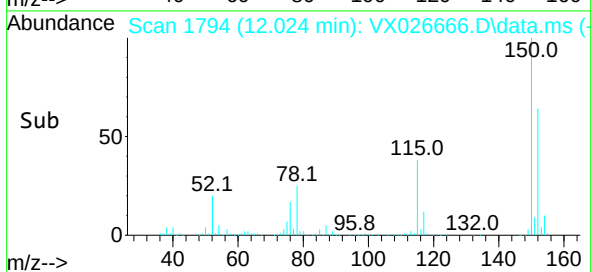
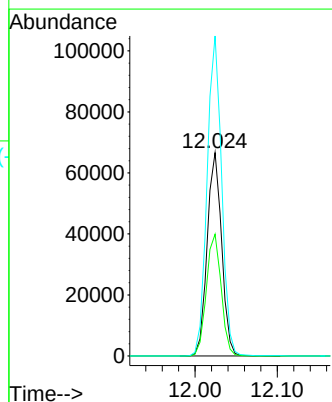
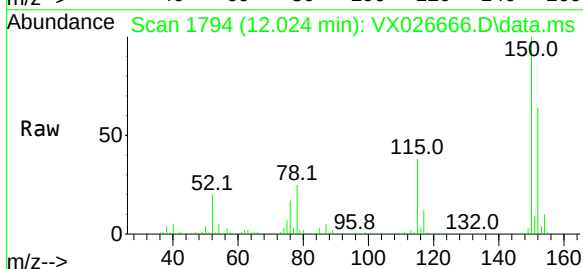
Instrument :
MSVOA_X
ClientSampleId :
MH-2S

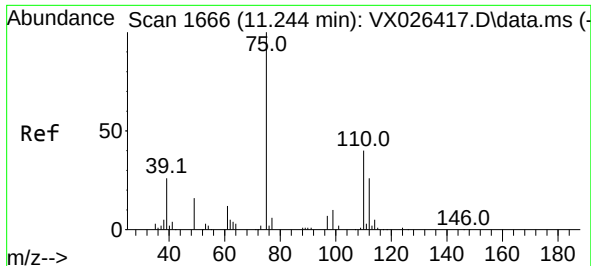
Tgt Ion:106 Resp: 1023
Ion Ratio Lower Upper
106 100
91 178.6 165.3 247.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX026666.D
Acq: 28 Jan 2022 20:59

Tgt Ion:152 Resp: 81549
Ion Ratio Lower Upper
152 100
115 61.1 44.2 132.6
150 158.1 0.0 348.2

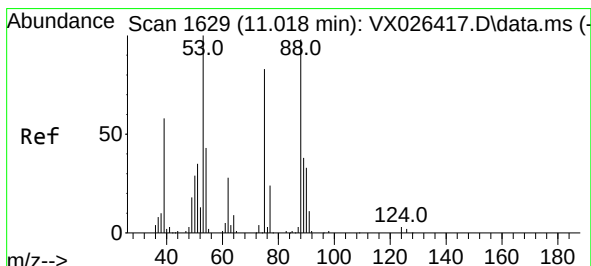
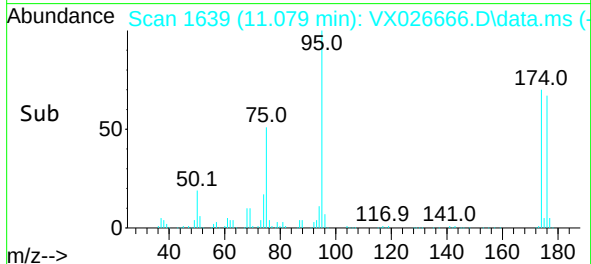
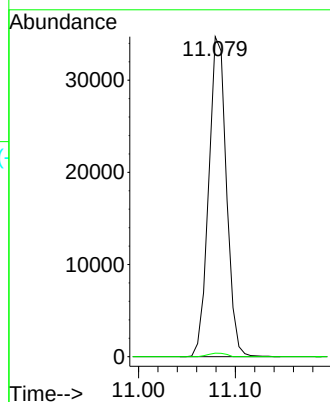
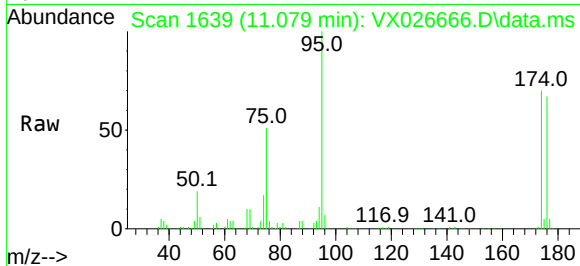




#76
1,2,3-Trichloropropane
Concen: 24.653 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX026666.D
Acq: 28 Jan 2022 20:59

Instrument :
MSVOA_X
ClientSampleId :
MH-2S

Tgt Ion: 75 Resp: 44266
Ion Ratio Lower Upper
75 100
77 1.1 18.3 54.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 75.006 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX026666.D
Acq: 28 Jan 2022 20:59

Tgt Ion: 75 Resp: 44266
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#

