

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX013122\
 Data File : VX026694.D
 Acq On : 31 Jan 2022 20:30
 Operator : JC/MD
 Sample : N1335-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-4D

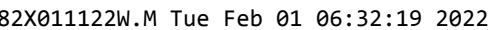
Quant Time: Feb 01 06:32:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 11 14:45:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	123497	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	209909	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	194412	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	86883	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	80522	46.675	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.360%
35) Dibromofluoromethane	5.391	113	65530	48.343	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.680%
50) Toluene-d8	8.653	98	250427	51.267	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.540%
62) 4-Bromofluorobenzene	11.079	95	93153	53.683	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	107.360%
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	12616	14.340	ug/l	95
18) Methyl Acetate	2.709	43	925	0.529	ug/l #	73
20) Methylene Chloride	2.794	84	1562	1.075	ug/l	90
25) 2-Butanone	4.580	43	2540	2.220	ug/l	95
29) Tetrahydrofuran	5.056	42	232	0.341	ug/l #	34
31) Cyclohexane	5.556	56	2475	0.973	ug/l #	15
36) 1,1-Dichloropropene	5.550	75	9317	4.354	ug/l #	50
37) Ethyl Acetate	4.580	43	2540	1.173	ug/l #	69
38) Carbon Tetrachloride	5.562	117	12438	5.651	ug/l #	17
43) Isopropyl Acetate	6.342	43	11416	3.265	ug/l	98
48) Methyl methacrylate	7.598	41	3428	1.978	ug/l #	16
49) 1,4-Dioxane	7.793	88	55	1.934	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	42505	20.494	ug/l #	51
54) cis-1,3-Dichloropropene	8.549	75	19600	8.678	ug/l #	58
57) 1,3-Dichloropropane	9.482	76	10825	4.411	ug/l #	43
59) 2-Hexanone	9.482	43	152788	96.251	ug/l #	52
76) 1,2,3-Trichloropropane	11.079	75	45528	23.800	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	45528	72.580	ug/l #	3

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

Quant Time: Feb 01 06:32:08 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

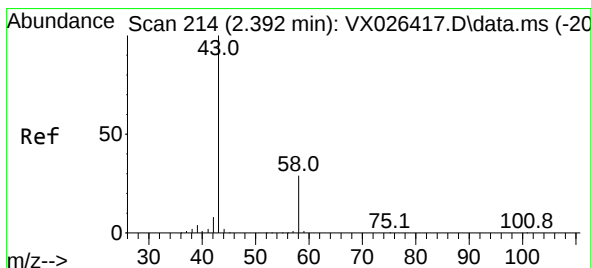
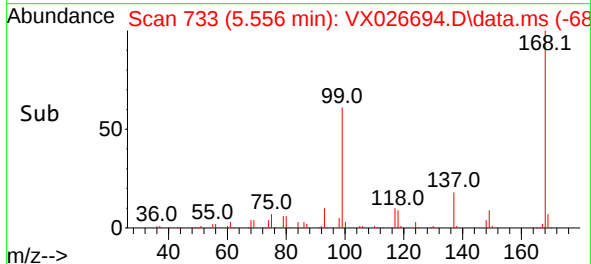
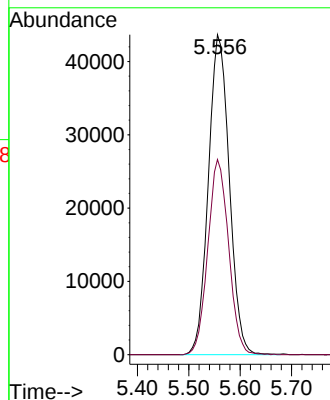
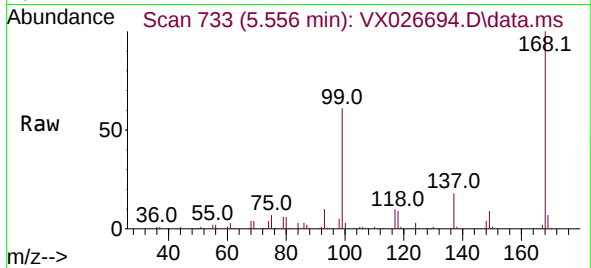




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX026694.D
Acq: 31 Jan 2022 20:30

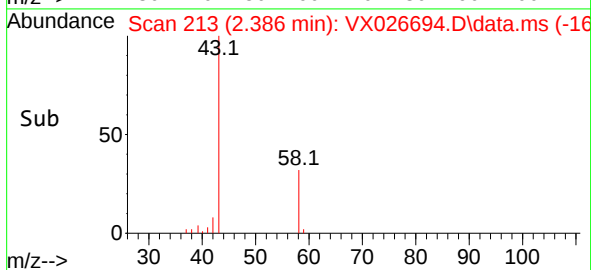
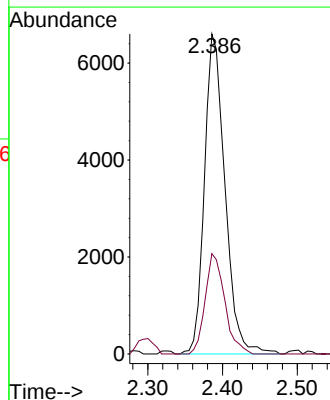
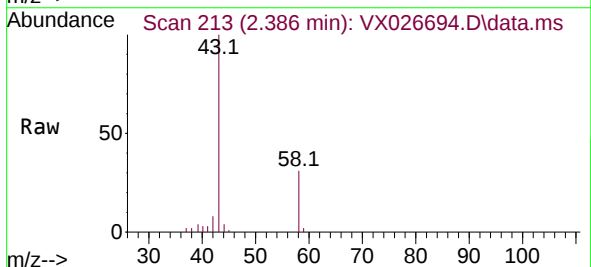
Instrument :
MSVOA_X
ClientSampleId :
MH-4D

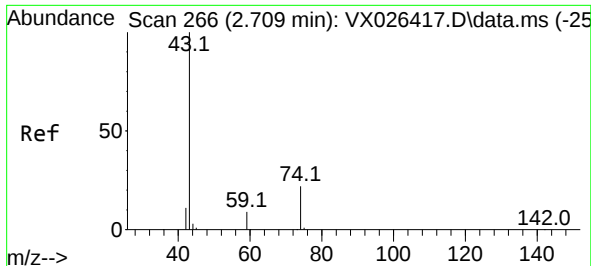
Tgt Ion:168 Resp: 123497
Ion Ratio Lower Upper
168 100
99 61.0 50.3 75.5



#16
Acetone
Concen: 14.340 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX026694.D
Acq: 31 Jan 2022 20:30

Tgt Ion: 43 Resp: 12616
Ion Ratio Lower Upper
43 100
58 31.4 23.0 34.6

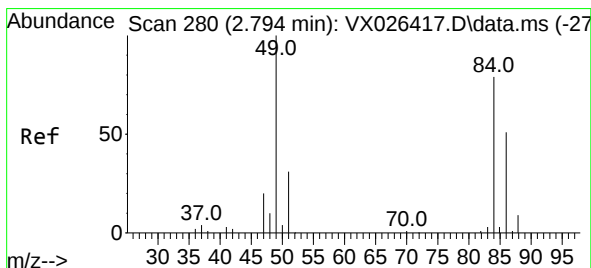
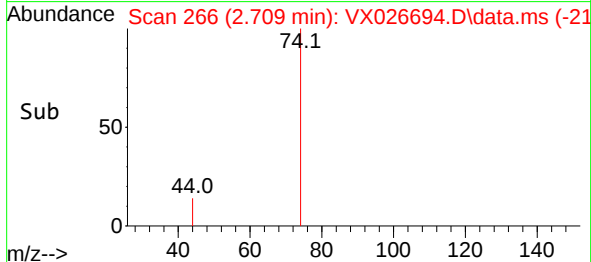
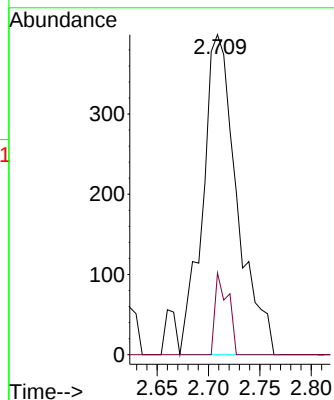
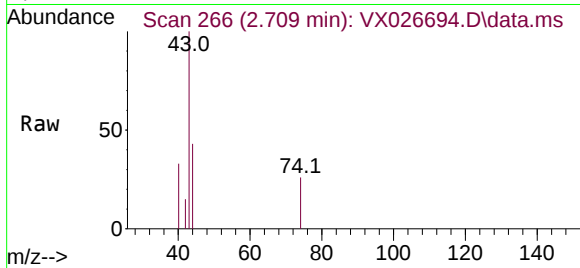




#18
Methyl Acetate
Concen: 0.529 ug/l
RT: 2.709 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX026694.D
Acq: 31 Jan 2022 20:30

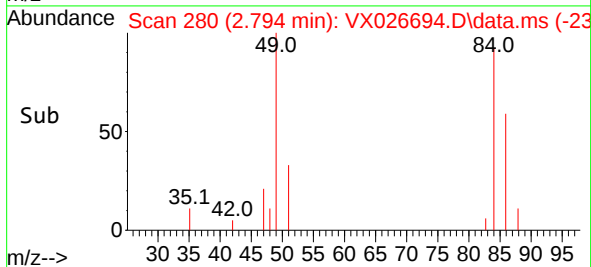
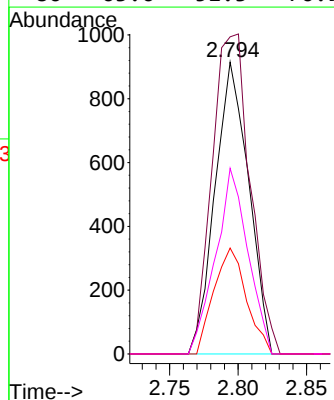
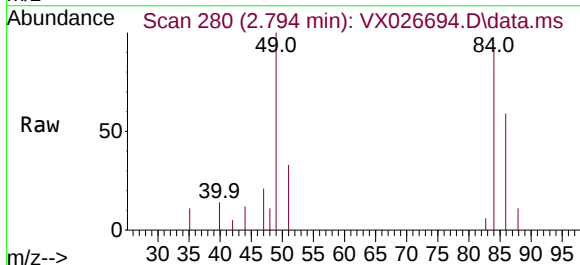
Instrument :
MSVOA_X
ClientSampleId :
MH-4D

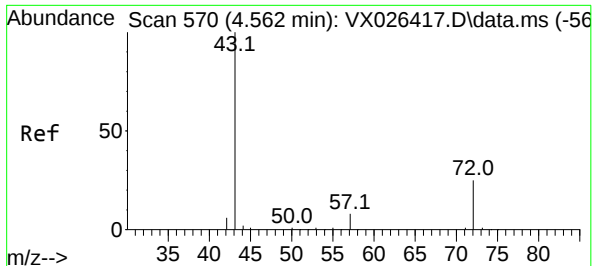
Tgt Ion: 43 Resp: 925
Ion Ratio Lower Upper
43 100
74 9.7 18.3 27.5#



#20
Methylene Chloride
Concen: 1.075 ug/l
RT: 2.794 min Scan# 280
Delta R.T. -0.000 min
Lab File: VX026694.D
Acq: 31 Jan 2022 20:30

Tgt Ion: 84 Resp: 1562
Ion Ratio Lower Upper
84 100
49 108.6 101.5 152.3
51 36.3 31.2 46.8
86 63.6 51.3 76.9





#25

2-Butanone

Concen: 2.220 ug/l

RT: 4.580 min Scan# 51

Delta R.T. 0.018 min

Lab File: VX026694.D

Acq: 31 Jan 2022 20:30

Instrument :

MSVOA_X

ClientSampleId :

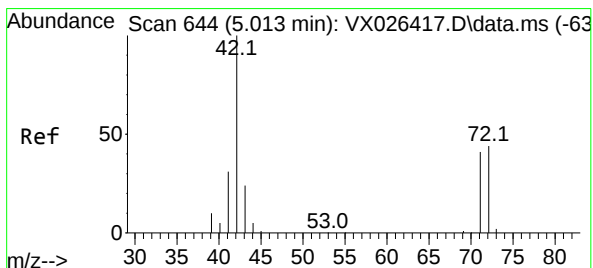
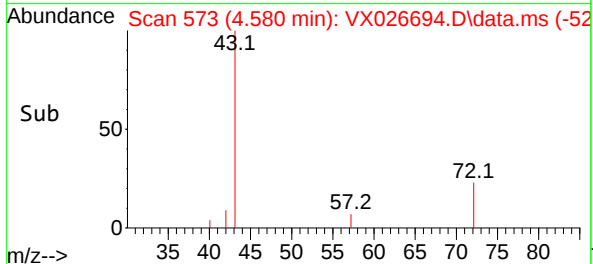
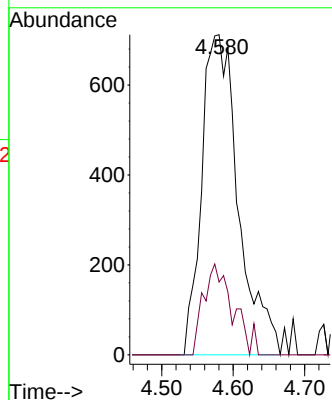
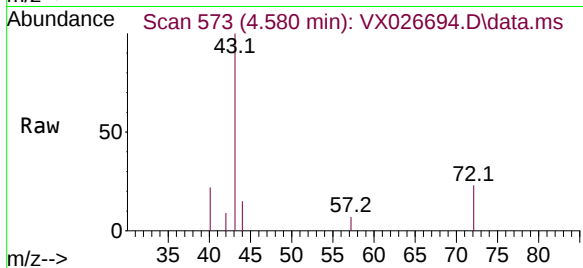
MH-4D

Tgt Ion: 43 Resp: 2540

Ion Ratio Lower Upper

43 100

72 22.8 20.4 30.6



#29

Tetrahydrofuran

Concen: 0.341 ug/l

RT: 5.056 min Scan# 651

Delta R.T. 0.043 min

Lab File: VX026694.D

Acq: 31 Jan 2022 20:30

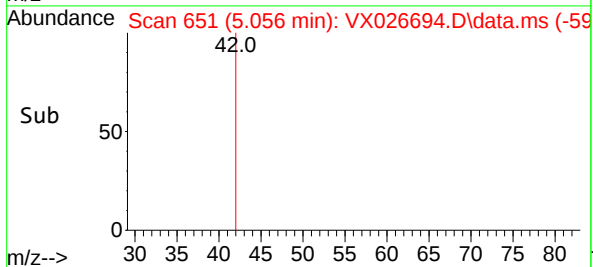
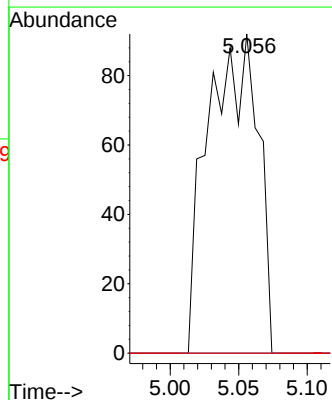
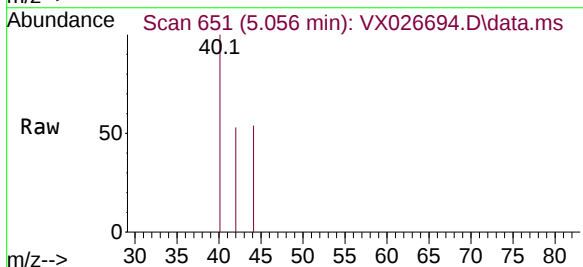
Tgt Ion: 42 Resp: 232

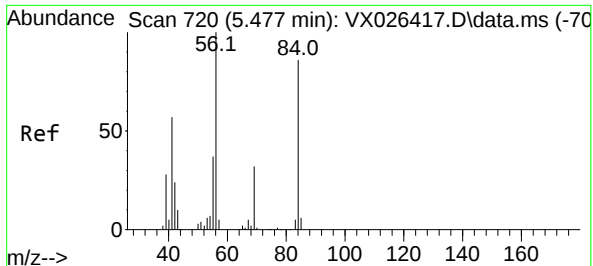
Ion Ratio Lower Upper

42 100

72 0.0 34.6 52.0#

71 0.0 31.8 47.8#

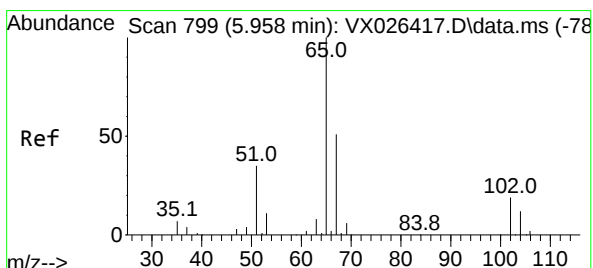
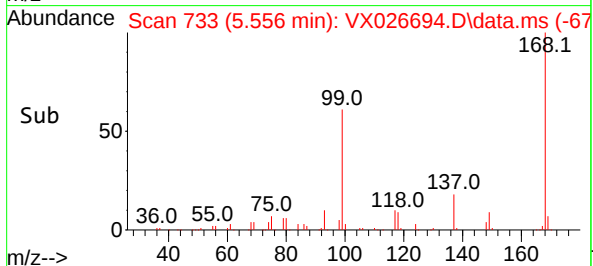
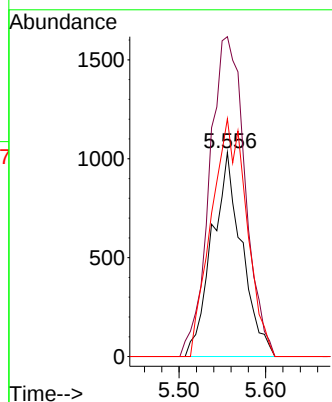
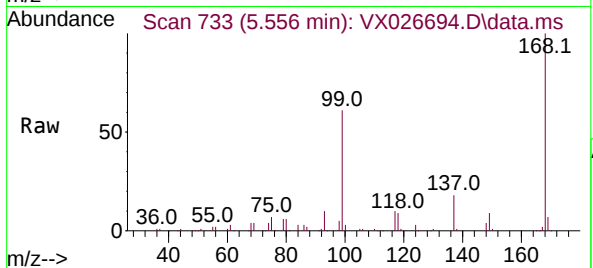




#31
Cyclohexane
Concen: 0.973 ug/l
RT: 5.556 min Scan# 711
Delta R.T. 0.079 min
Lab File: VX026694.D
Acq: 31 Jan 2022 20:30

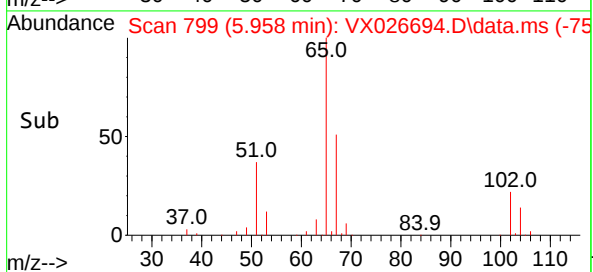
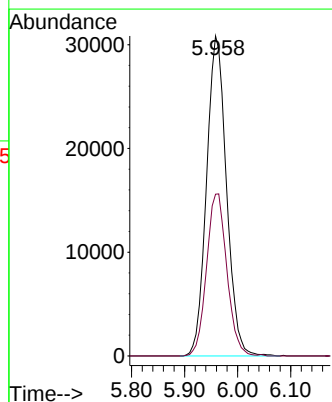
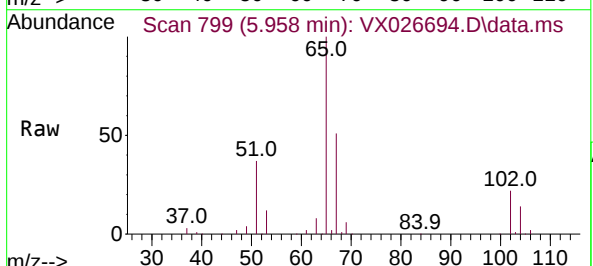
Instrument :
MSVOA_X
ClientSampleId :
MH-4D

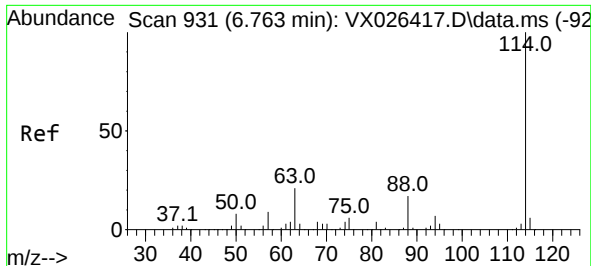
Tgt Ion: 56 Resp: 2475
Ion Ratio Lower Upper
56 100
69 156.7 25.8 38.6#
84 116.5 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 46.675 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX026694.D
Acq: 31 Jan 2022 20:30

Tgt Ion: 65 Resp: 80522
Ion Ratio Lower Upper
65 100
67 51.8 0.0 100.8

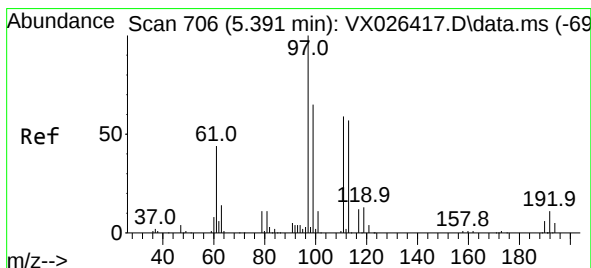
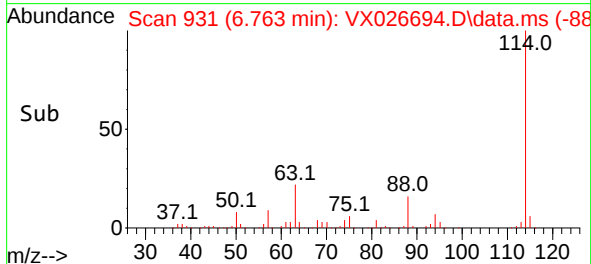
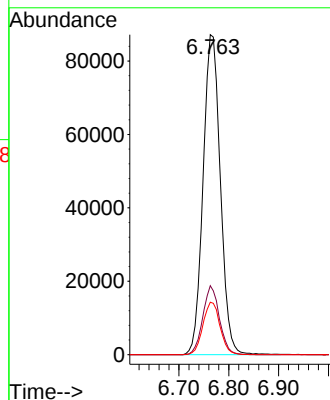
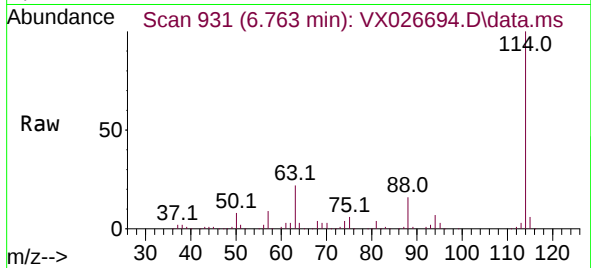




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX026694.D
Acq: 31 Jan 2022 20:30

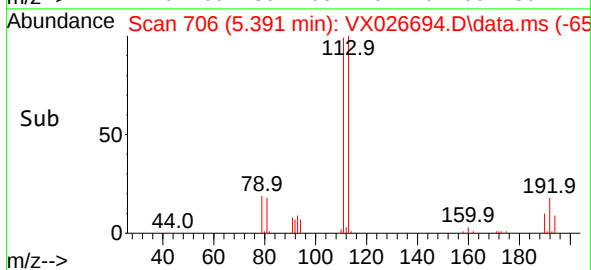
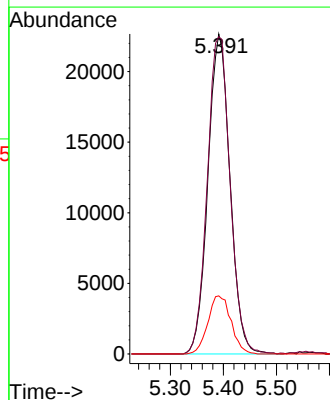
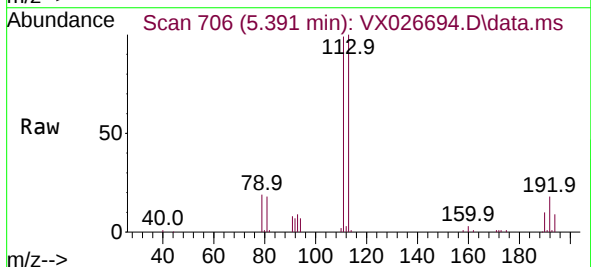
Instrument :
MSVOA_X
ClientSampleId :
MH-4D

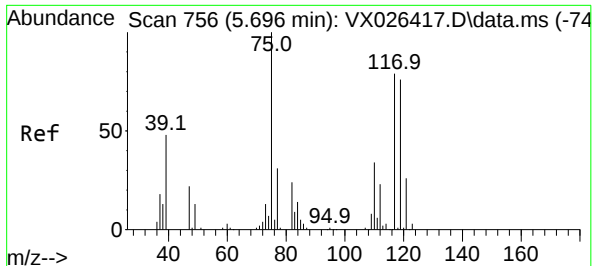
Tgt Ion:114 Resp: 209909
Ion Ratio Lower Upper
114 100
63 21.5 0.0 42.8
88 16.4 0.0 33.0



#35
Dibromofluoromethane
Concen: 48.343 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX026694.D
Acq: 31 Jan 2022 20:30

Tgt Ion:113 Resp: 65530
Ion Ratio Lower Upper
113 100
111 102.6 81.2 121.8
192 19.0 15.0 22.4

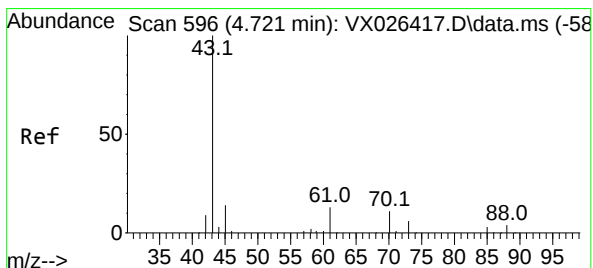
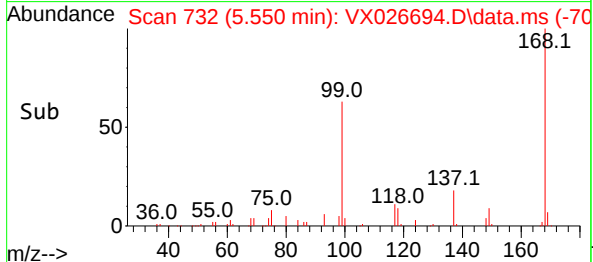
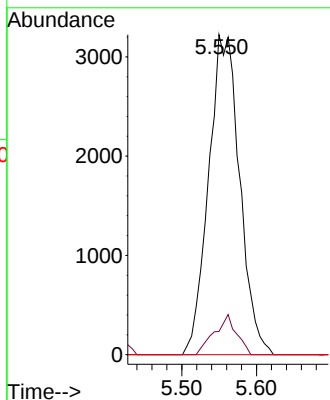
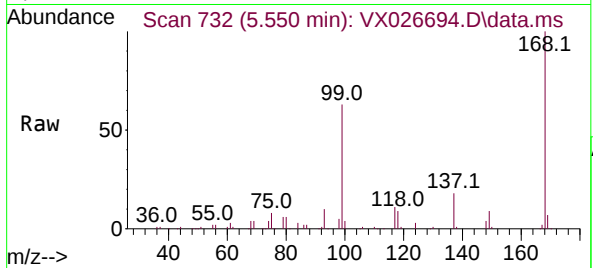




#36
1,1-Dichloropropene
Concen: 4.354 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX026694.D
Acq: 31 Jan 2022 20:30

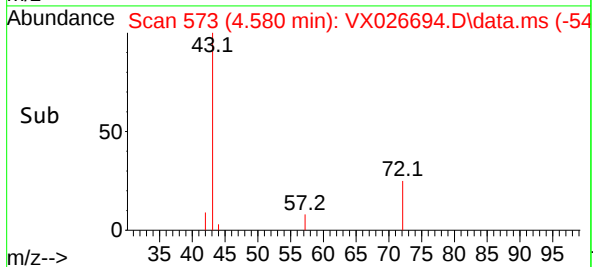
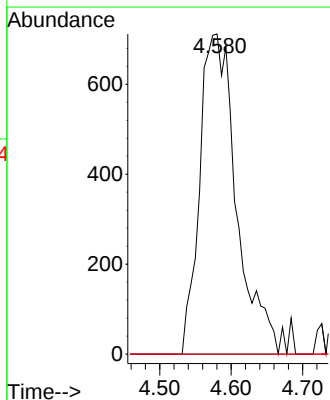
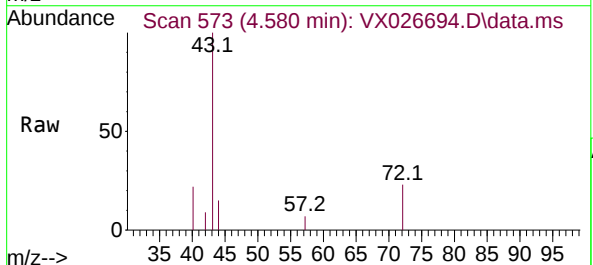
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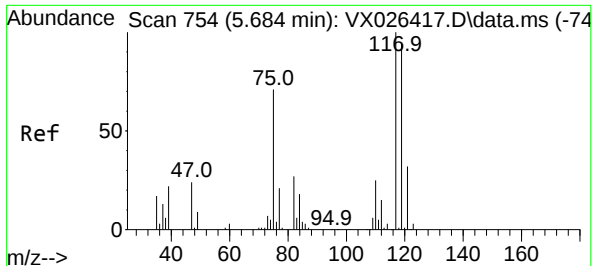
Tgt Ion: 75 Resp: 9317
Ion Ratio Lower Upper
75 100
110 8.9 17.2 51.6#
77 0.0 24.6 36.8#



#37
Ethyl Acetate
Concen: 1.173 ug/l
RT: 4.580 min Scan# 573
Delta R.T. -0.140 min
Lab File: VX026694.D
Acq: 31 Jan 2022 20:30

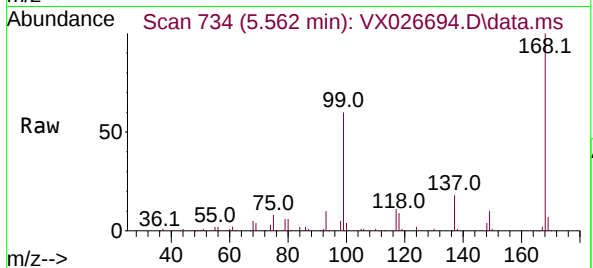
Tgt Ion: 43 Resp: 2540
Ion Ratio Lower Upper
43 100
61 0.0 10.6 16.0#
70 0.0 8.5 12.7#



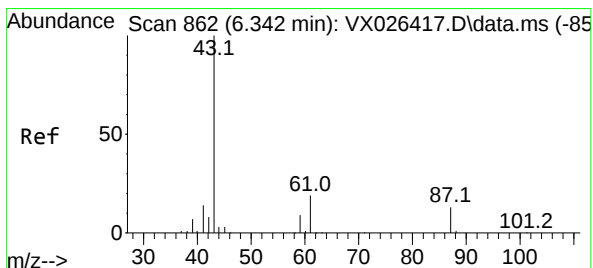
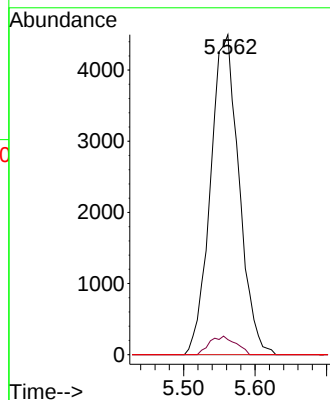
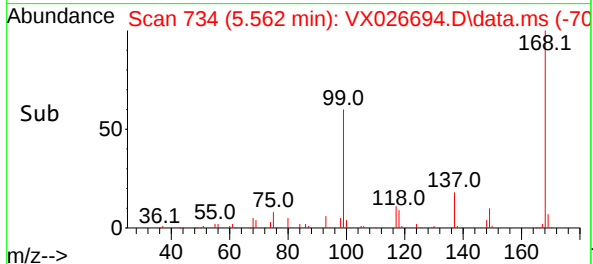


#38
Carbon Tetrachloride
Concen: 5.651 ug/l
RT: 5.562 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX026694.D
Acq: 31 Jan 2022 20:30

Instrument :
MSVOA_X
ClientSampleId :
MH-4D

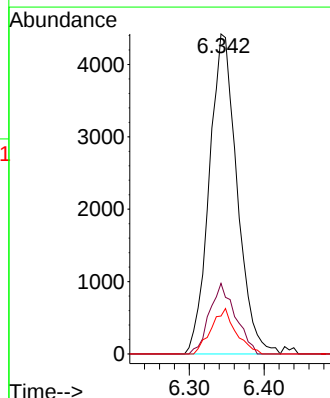
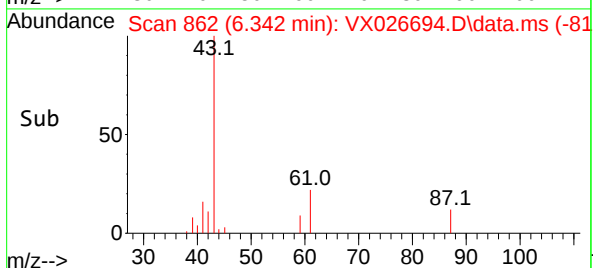
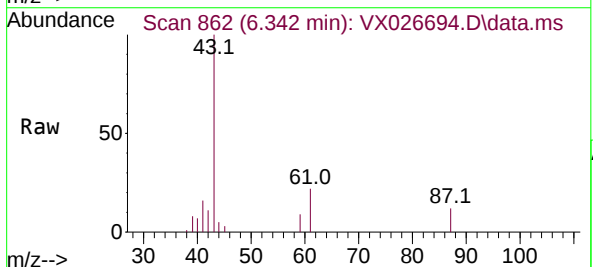


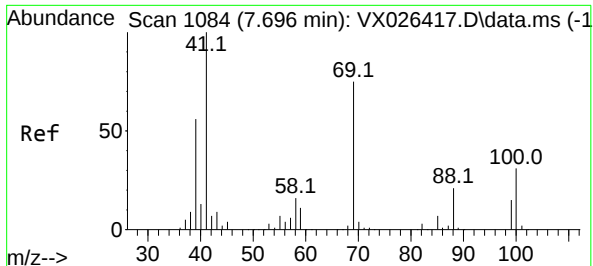
Tgt Ion:117 Resp: 12438
Ion Ratio Lower Upper
117 100
119 4.7 74.7 112.1#
121 0.0 25.4 38.0#



#43
Isopropyl Acetate
Concen: 3.265 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.000 min
Lab File: VX026694.D
Acq: 31 Jan 2022 20:30

Tgt Ion: 43 Resp: 11416
Ion Ratio Lower Upper
43 100
61 20.6 15.4 23.0
87 12.6 10.2 15.2

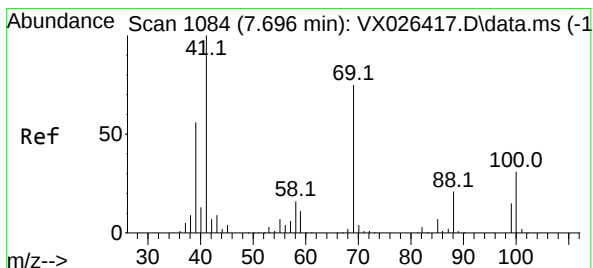
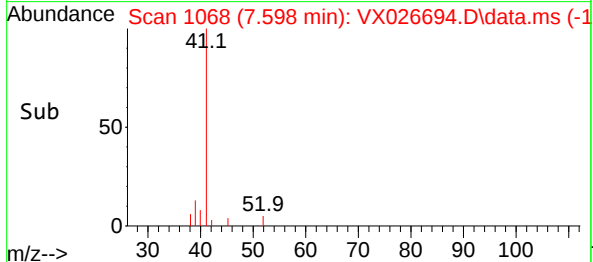
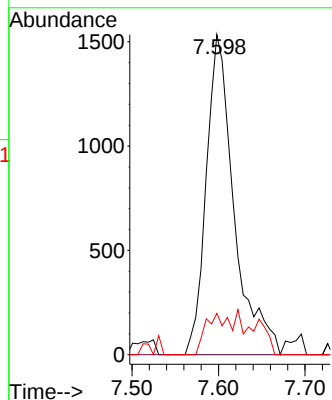
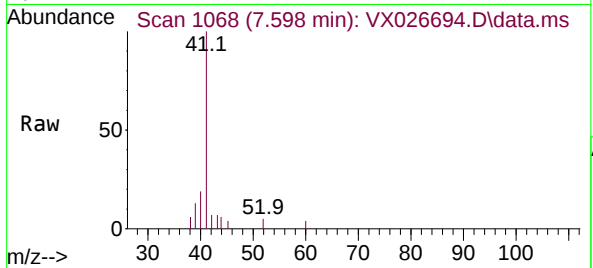




#48
Methyl methacrylate
Concen: 1.978 ug/l
RT: 7.598 min Scan# 1100
Delta R.T. -0.098 min
Lab File: VX026694.D
Acq: 31 Jan 2022 20:30

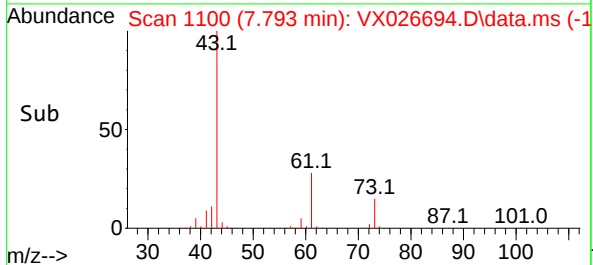
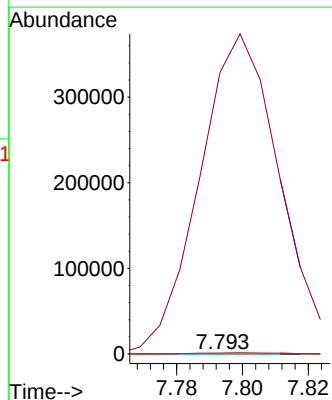
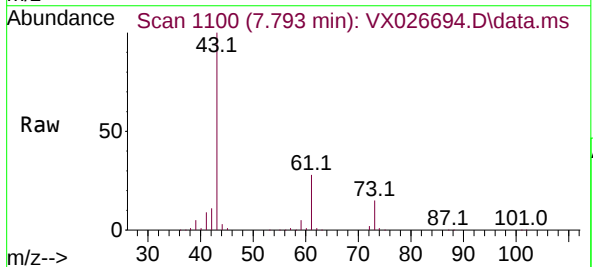
Instrument :
MSVOA_X
ClientSampleId :
MH-4D

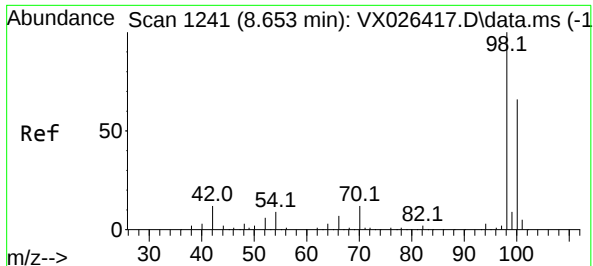
Tgt Ion: 41 Resp: 3428
Ion Ratio Lower Upper
41 100
69 0.0 62.2 93.4#
39 0.0 45.4 68.0#



#49
1,4-Dioxane
Concen: 1.934 ug/l
RT: 7.793 min Scan# 1100
Delta R.T. 0.097 min
Lab File: VX026694.D
Acq: 31 Jan 2022 20:30

Tgt Ion: 88 Resp: 55
Ion Ratio Lower Upper
88 100
43 1162300.0 29.9 44.9#
58 4403.6 57.8 86.6#

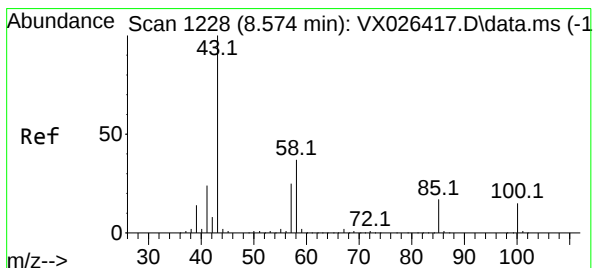
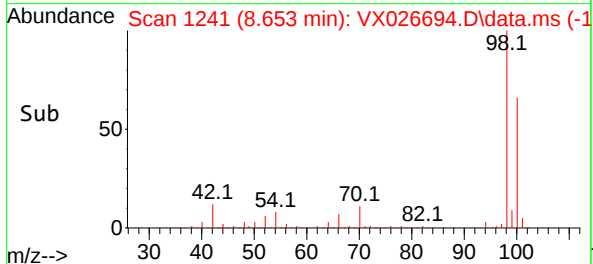
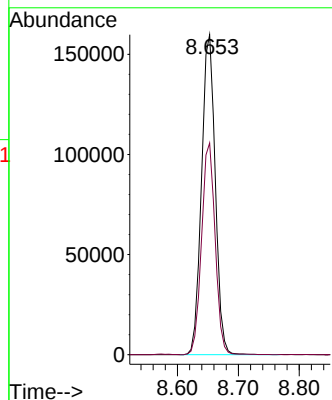
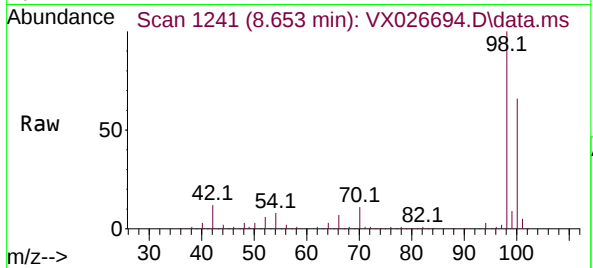




#50
Toluene-d8
Concen: 51.267 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX026694.D
Acq: 31 Jan 2022 20:30

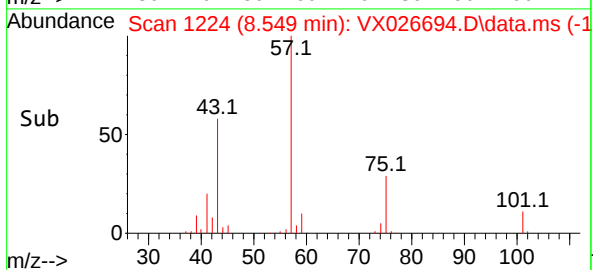
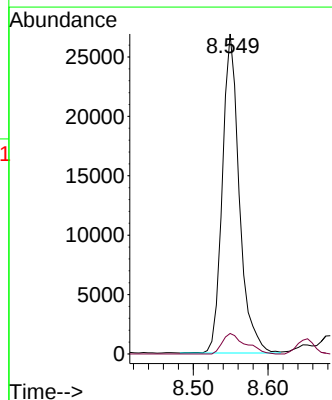
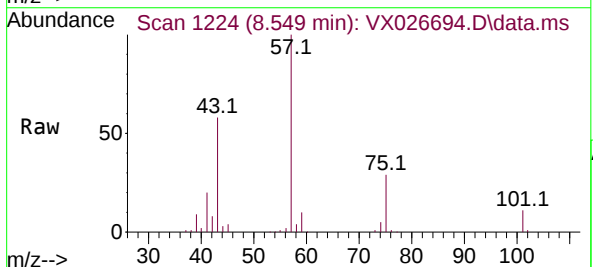
Instrument :
MSVOA_X
ClientSampleId :
MH-4D

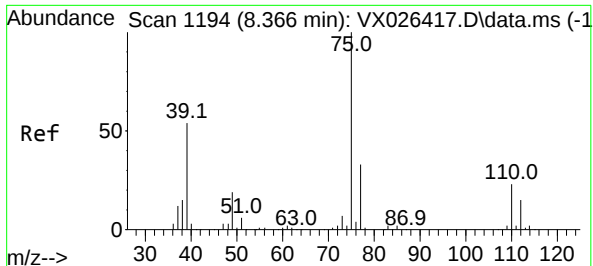
Tgt Ion: 98 Resp: 250427
Ion Ratio Lower Upper
98 100
100 65.6 53.2 79.8



#51
4-Methyl-2-Pentanone
Concen: 20.494 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.024 min
Lab File: VX026694.D
Acq: 31 Jan 2022 20:30

Tgt Ion: 43 Resp: 42505
Ion Ratio Lower Upper
43 100
58 8.7 30.5 45.7#

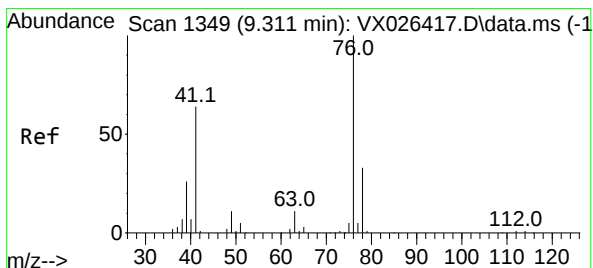
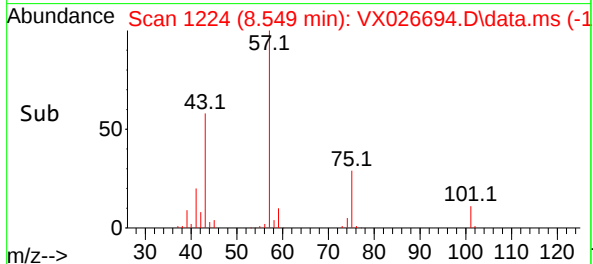
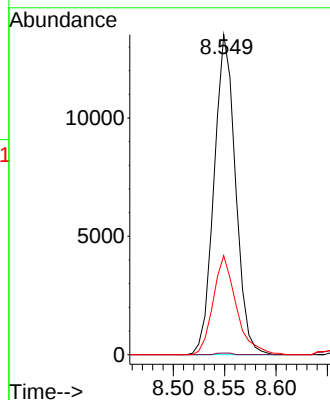
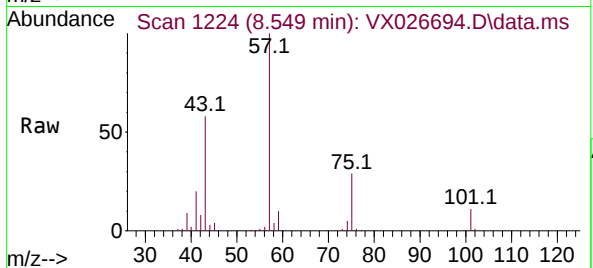




#54
 cis-1,3-Dichloropropene
 Concen: 8.678 ug/l
 RT: 8.549 min Scan# 1194
 Delta R.T. 0.183 min
 Lab File: VX026694.D
 Acq: 31 Jan 2022 20:30

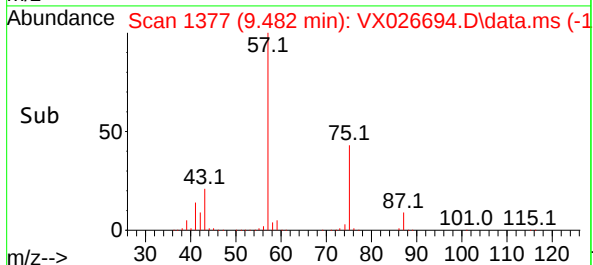
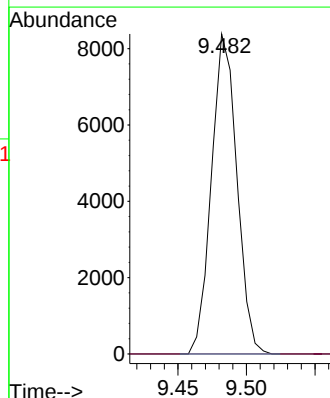
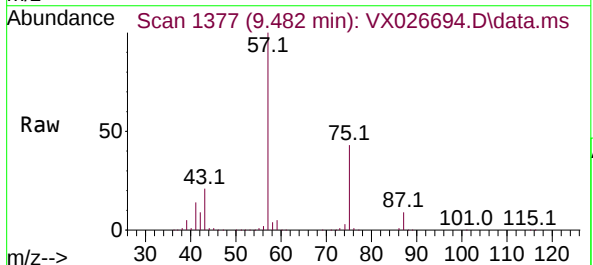
Instrument :
 MSVOA_X
 ClientSampleId :
 MH-4D

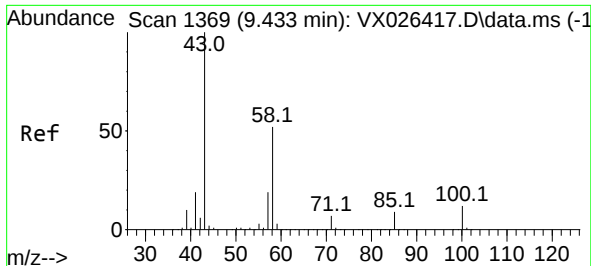
Tgt Ion: 75 Resp: 19600
 Ion Ratio Lower Upper
 75 100
 77 0.5 26.2 39.2#
 39 31.0 43.5 65.3#



#57
 1,3-Dichloropropane
 Concen: 4.411 ug/l
 RT: 9.482 min Scan# 1377
 Delta R.T. 0.171 min
 Lab File: VX026694.D
 Acq: 31 Jan 2022 20:30

Tgt Ion: 76 Resp: 10825
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.7 38.5#

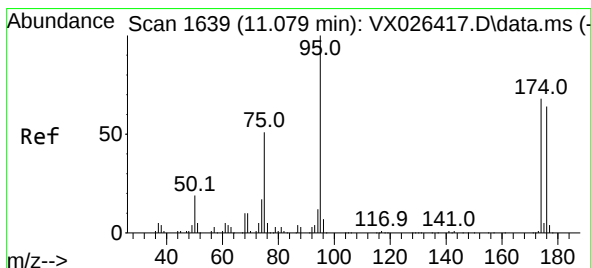
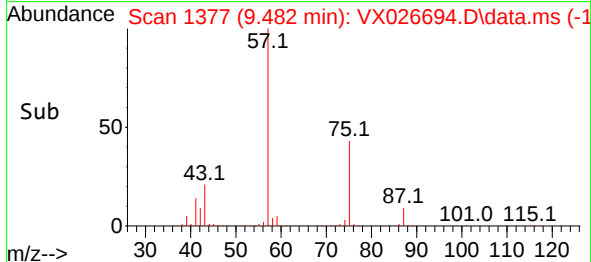
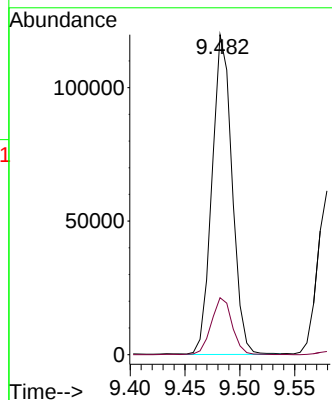
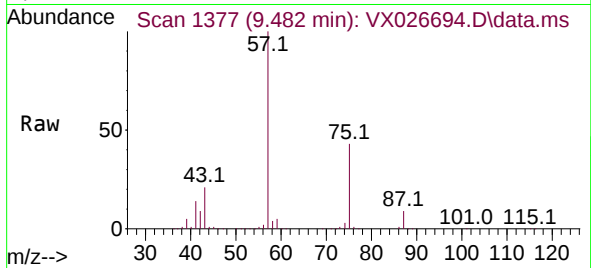




#59
2-Hexanone
Concen: 96.251 ug/l
RT: 9.482 min Scan# 11
Delta R.T. 0.049 min
Lab File: VX026694.D
Acq: 31 Jan 2022 20:30

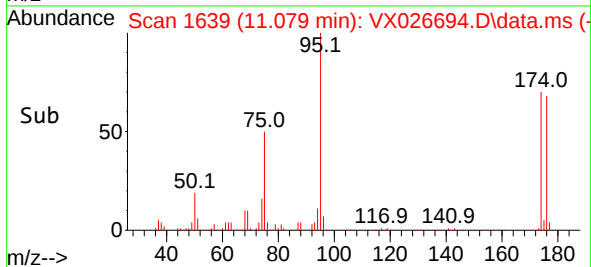
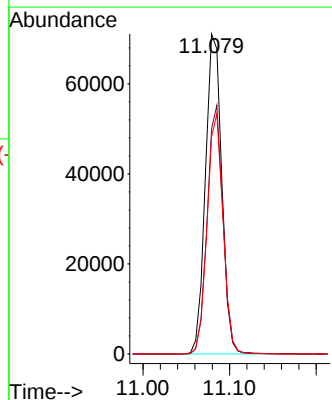
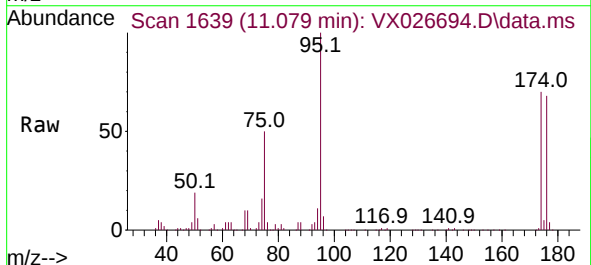
Instrument :
MSVOA_X
ClientSampleId :
MH-4D

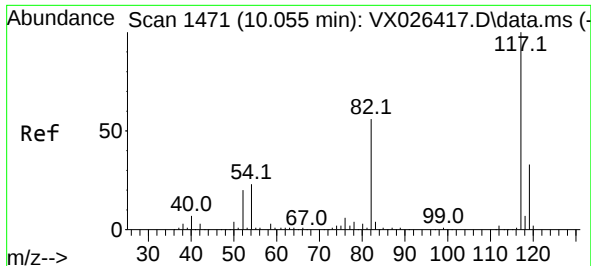
Tgt Ion: 43 Resp: 152788
Ion Ratio Lower Upper
43 100
58 18.6 26.4 79.2#



#62
4-Bromofluorobenzene
Concen: 53.683 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX026694.D
Acq: 31 Jan 2022 20:30

Tgt Ion: 95 Resp: 93153
Ion Ratio Lower Upper
95 100
174 75.1 0.0 148.6
176 73.1 0.0 141.4

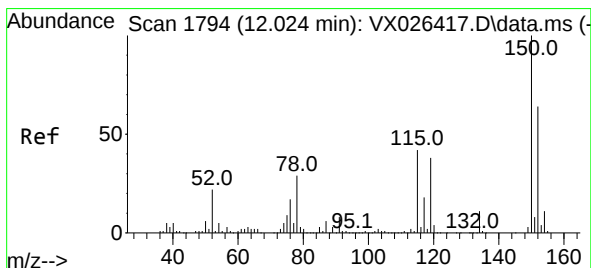
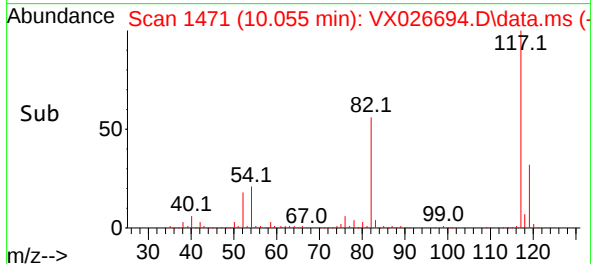
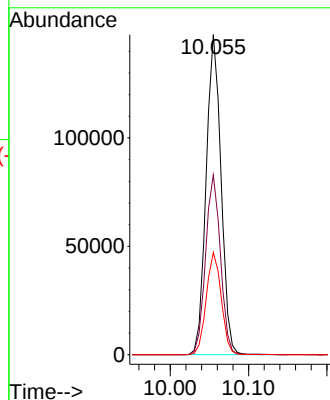
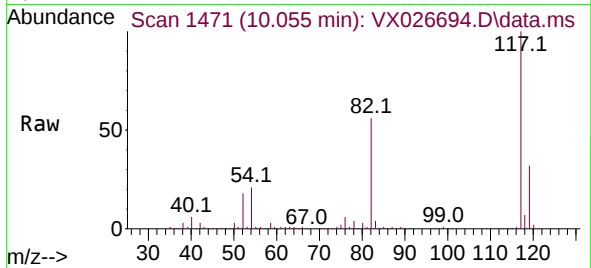




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX026694.D
Acq: 31 Jan 2022 20:30

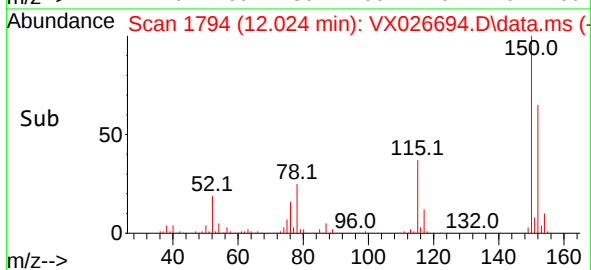
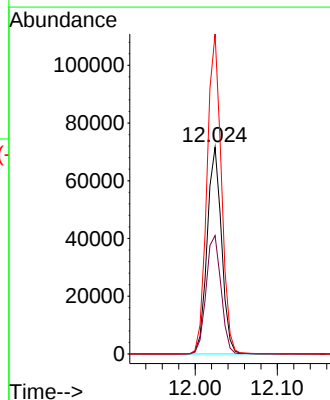
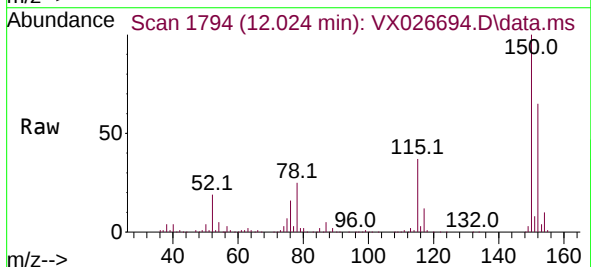
Instrument :
MSVOA_X
ClientSampleId :
MH-4D

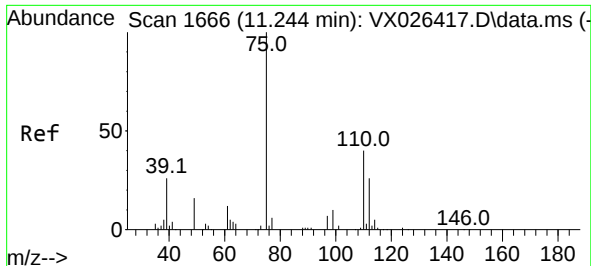
Tgt Ion:117 Resp: 194412
Ion Ratio Lower Upper
117 100
82 56.1 45.2 67.8
119 31.9 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX026694.D
Acq: 31 Jan 2022 20:30

Tgt Ion:152 Resp: 86883
Ion Ratio Lower Upper
152 100
115 59.6 44.2 132.6
150 155.2 0.0 348.2

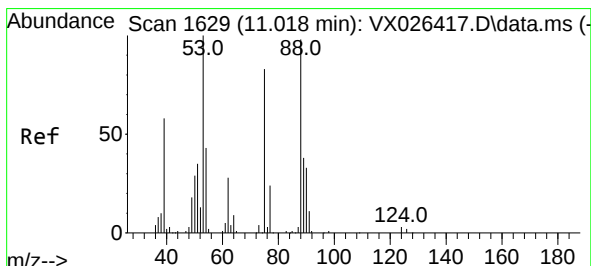
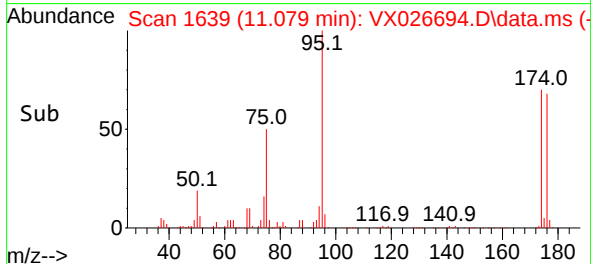
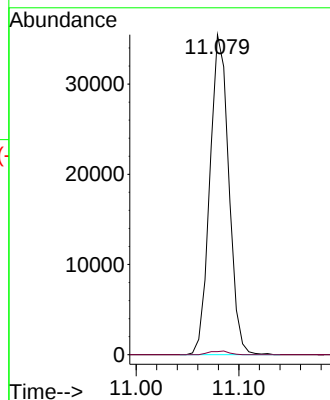
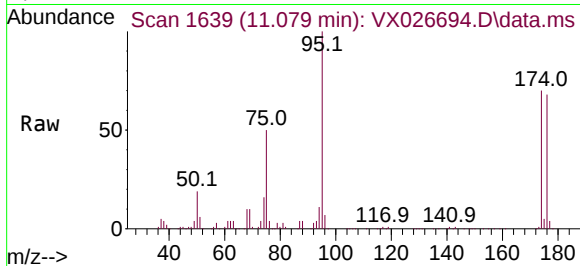




#76
1,2,3-Trichloropropane
Concen: 23.800 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX026694.D
Acq: 31 Jan 2022 20:30

Instrument :
MSVOA_X
ClientSampleId :
MH-4D

Tgt Ion: 75 Resp: 45528
Ion Ratio Lower Upper
75 100
77 1.2 18.3 54.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.580 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX026694.D
Acq: 31 Jan 2022 20:30

Tgt Ion: 75 Resp: 45528
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#

