

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX013122\
 Data File : VX026692.D
 Acq On : 31 Jan 2022 19:45
 Operator : JC/MD
 Sample : N1335-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-3D

Quant Time: Feb 01 06:31:24 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	128151	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	217735	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	201864	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	86058	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	82782	46.242	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.480%
35) Dibromofluoromethane	5.391	113	67836	48.245	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.500%
50) Toluene-d8	8.653	98	259614	51.238	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.480%
62) 4-Bromofluorobenzene	11.079	95	97434	54.132	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	108.260%

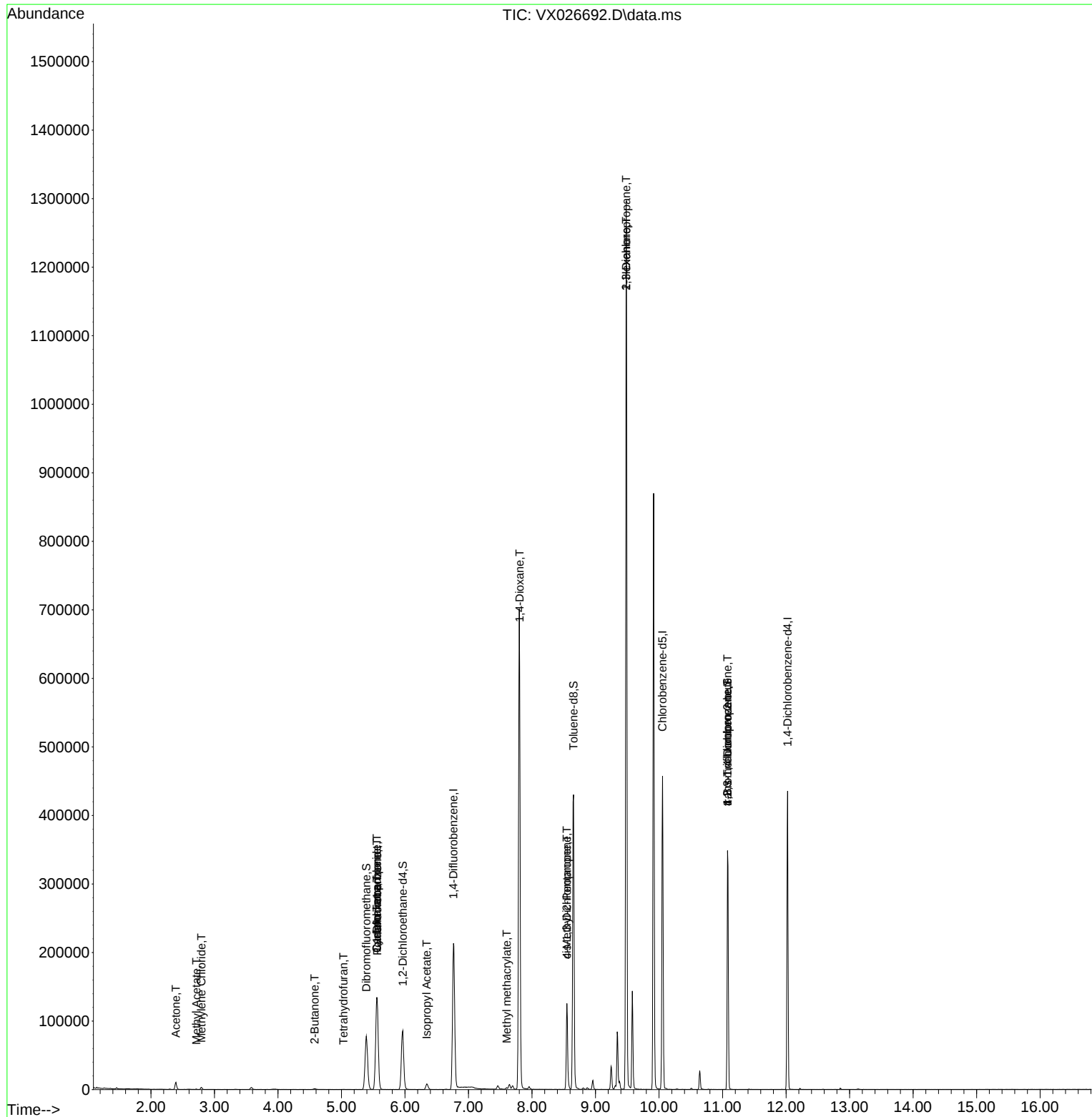
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.392	43	12365	13.544	ug/l	92
18) Methyl Acetate	2.715	43	915	0.504	ug/l #	70
20) Methylene Chloride	2.794	84	1433	0.950	ug/l	91
25) 2-Butanone	4.574	43	2588	2.180	ug/l #	88
29) Tetrahydrofuran	5.031	42	159	0.225	ug/l #	34
31) Cyclohexane	5.556	56	2412	0.913	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	9916	4.467	ug/l #	49
38) Carbon Tetrachloride	5.556	117	13556	5.937	ug/l #	16
43) Isopropyl Acetate	6.342	43	11352	3.130	ug/l	99
48) Methyl methacrylate	7.604	41	3701	2.059	ug/l #	16
49) 1,4-Dioxane	7.805	88	22	0.746	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	42167	19.600	ug/l #	51
54) cis-1,3-Dichloropropene	8.549	75	19602	8.367	ug/l #	58
57) 1,3-Dichloropropane	9.482	76	11077	4.352	ug/l #	43
59) 2-Hexanone	9.482	43	154133	93.609	ug/l #	51
76) 1,2,3-Trichloropropane	11.079	75	47550	25.095	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	47550	76.260	ug/l #	4

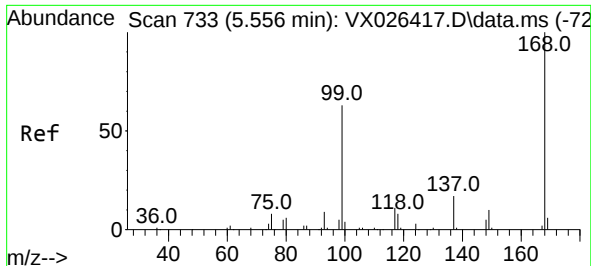
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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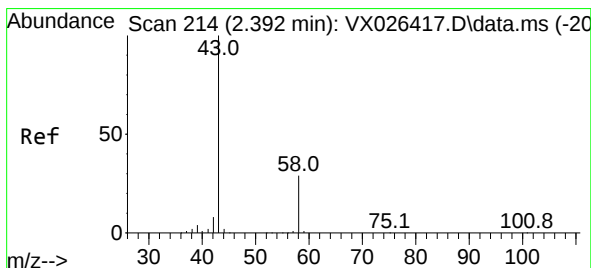
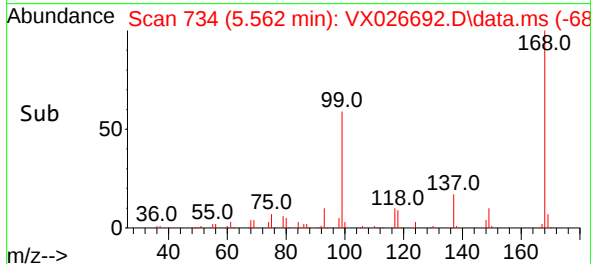
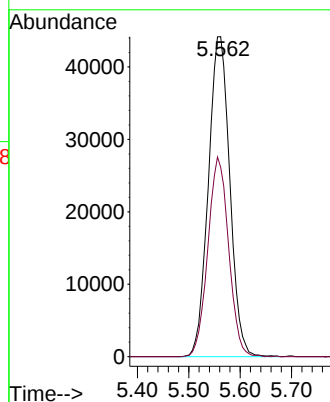
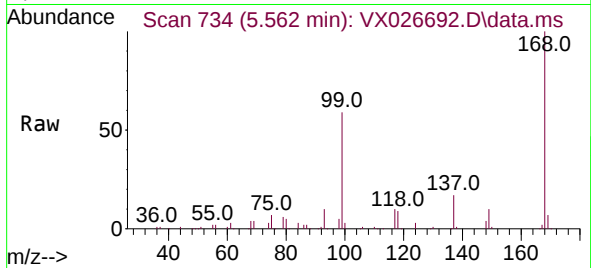




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX026692.D
Acq: 31 Jan 2022 19:45

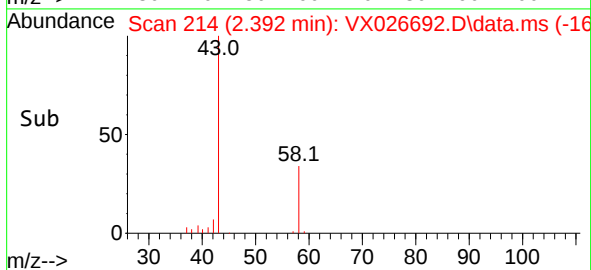
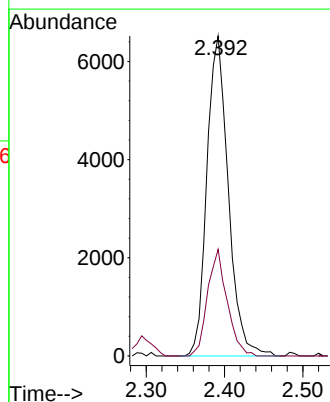
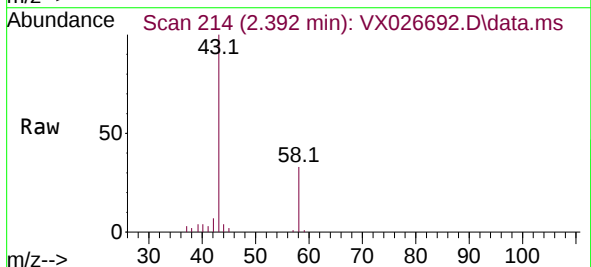
Instrument :
MSVOA_X
ClientSampleId :
MH-3D

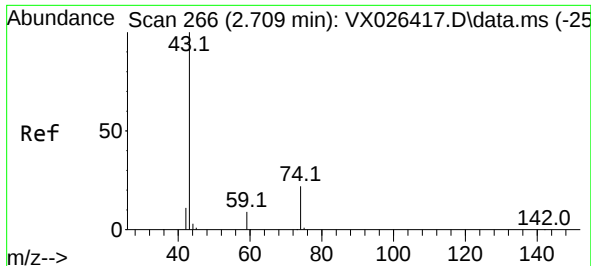
Tgt Ion:168 Resp: 128151
Ion Ratio Lower Upper
168 100
99 59.2 50.3 75.5



#16
Acetone
Concen: 13.544 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX026692.D
Acq: 31 Jan 2022 19:45

Tgt Ion: 43 Resp: 12365
Ion Ratio Lower Upper
43 100
58 33.3 23.0 34.6

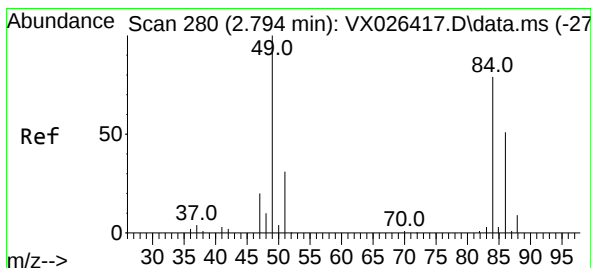
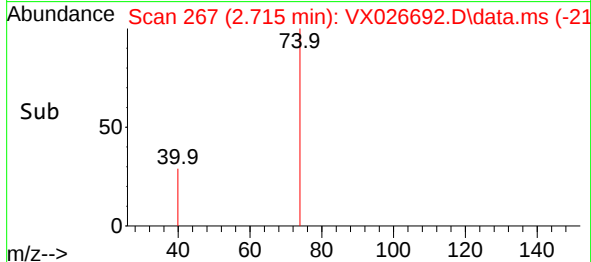
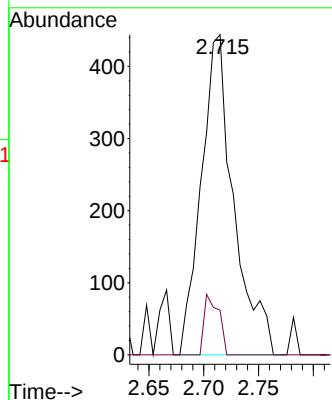
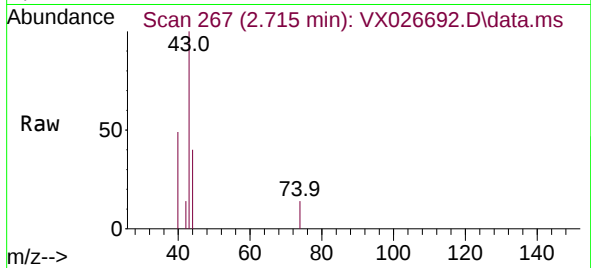




#18
Methyl Acetate
Concen: 0.504 ug/l
RT: 2.715 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX026692.D
Acq: 31 Jan 2022 19:45

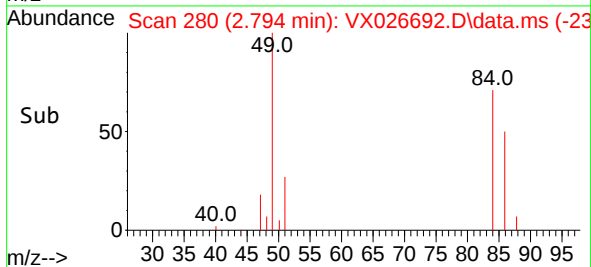
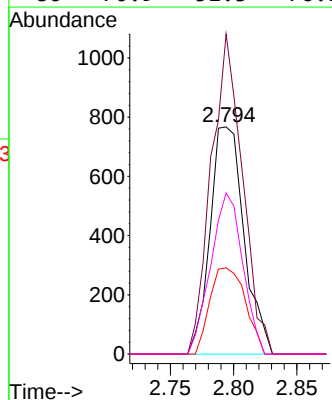
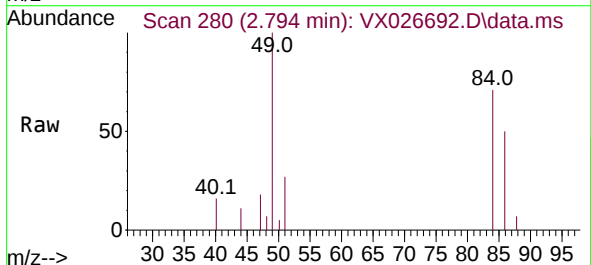
Instrument :
MSVOA_X
ClientSampleId :
MH-3D

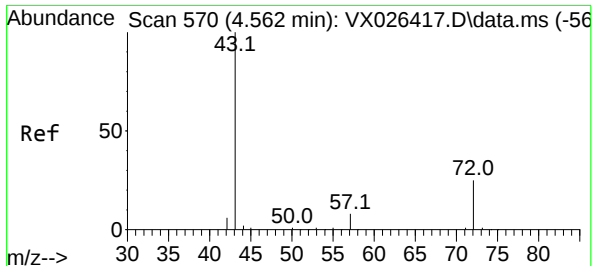
Tgt Ion: 43 Resp: 915
Ion Ratio Lower Upper
43 100
74 8.5 18.3 27.5#



#20
Methylene Chloride
Concen: 0.950 ug/l
RT: 2.794 min Scan# 280
Delta R.T. -0.000 min
Lab File: VX026692.D
Acq: 31 Jan 2022 19:45

Tgt Ion: 84 Resp: 1433
Ion Ratio Lower Upper
84 100
49 140.9 101.5 152.3
51 37.9 31.2 46.8
86 70.9 51.3 76.9





#25

2-Butanone

Concen: 2.180 ug/l

RT: 4.574 min Scan# 51

Delta R.T. 0.012 min

Lab File: VX026692.D

Acq: 31 Jan 2022 19:45

Instrument :

MSVOA_X

ClientSampleId :

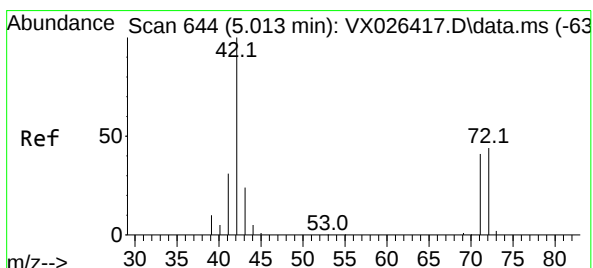
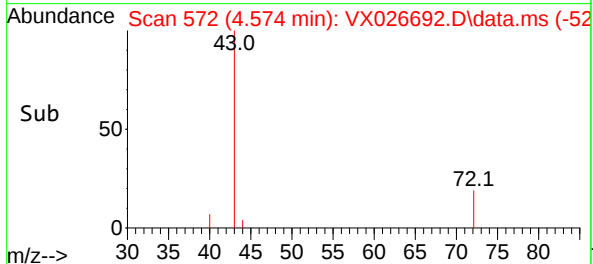
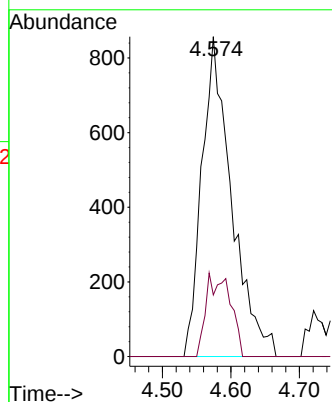
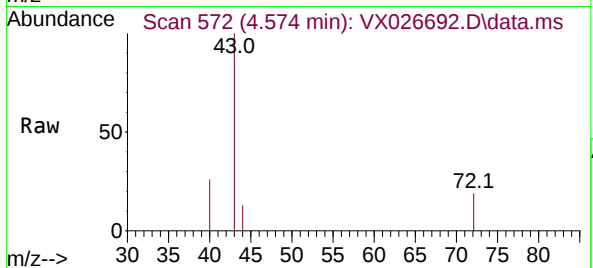
MH-3D

Tgt Ion: 43 Resp: 2588

Ion Ratio Lower Upper

43 100

72 19.3 20.4 30.6#



#29

Tetrahydrofuran

Concen: 0.225 ug/l

RT: 5.031 min Scan# 647

Delta R.T. 0.018 min

Lab File: VX026692.D

Acq: 31 Jan 2022 19:45

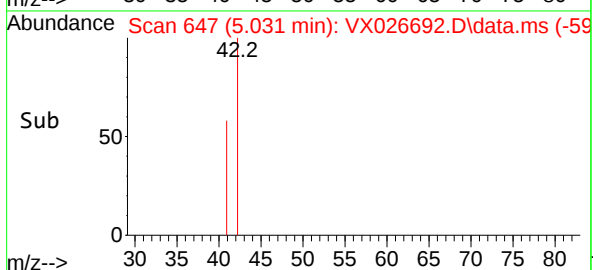
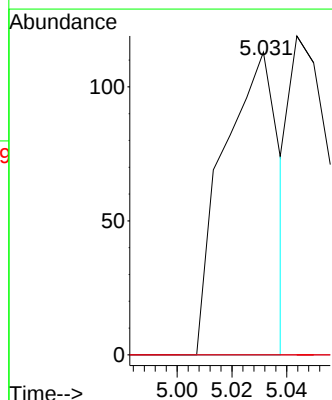
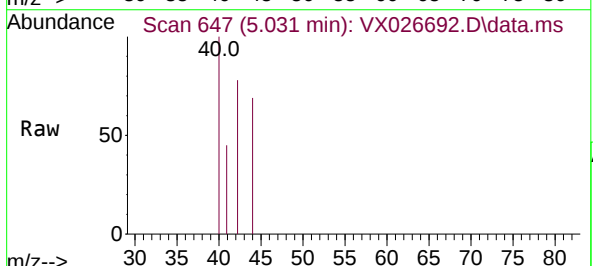
Tgt Ion: 42 Resp: 159

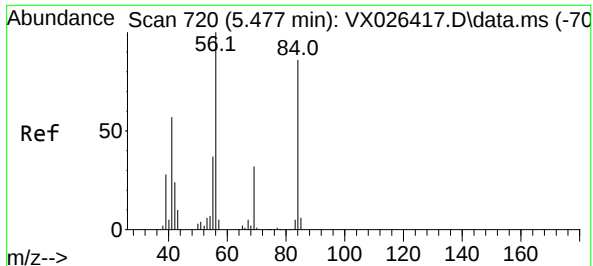
Ion Ratio Lower Upper

42 100

72 0.0 34.6 52.0#

71 0.0 31.8 47.8#

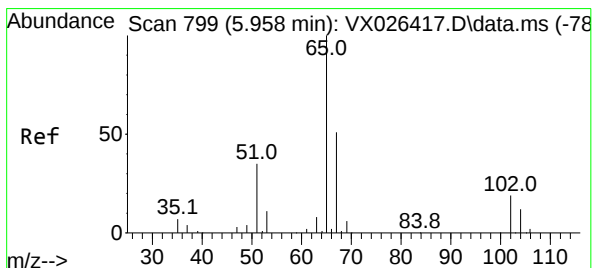
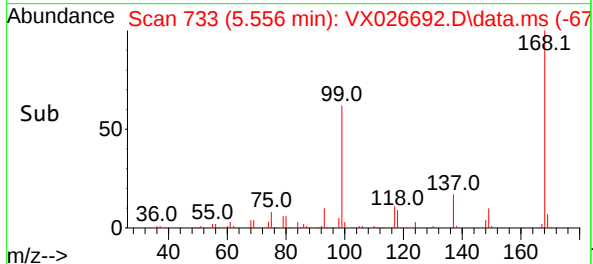
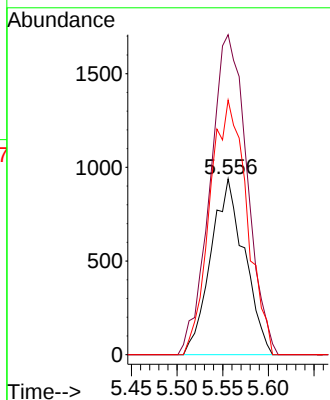
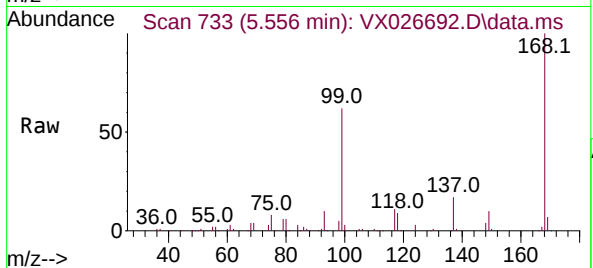




#31
Cyclohexane
Concen: 0.913 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.079 min
Lab File: VX026692.D
Acq: 31 Jan 2022 19:45

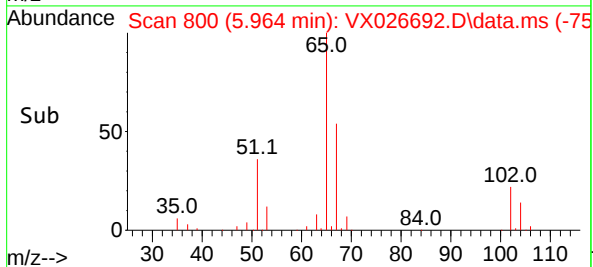
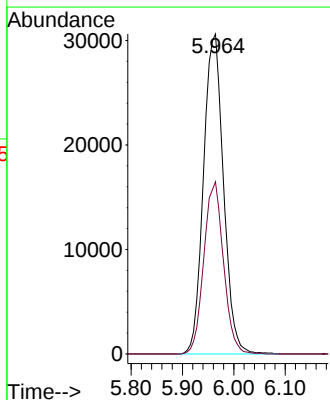
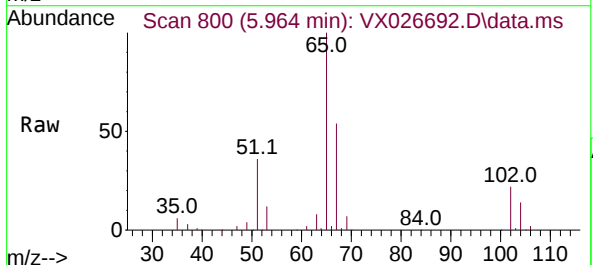
Instrument :
MSVOA_X
ClientSampleId :
MH-3D

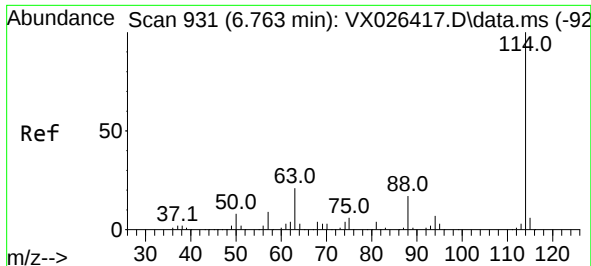
Tgt Ion: 56 Resp: 2412
Ion Ratio Lower Upper
56 100
69 181.9 25.8 38.6#
84 144.7 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 46.242 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX026692.D
Acq: 31 Jan 2022 19:45

Tgt Ion: 65 Resp: 82782
Ion Ratio Lower Upper
65 100
67 52.9 0.0 100.8

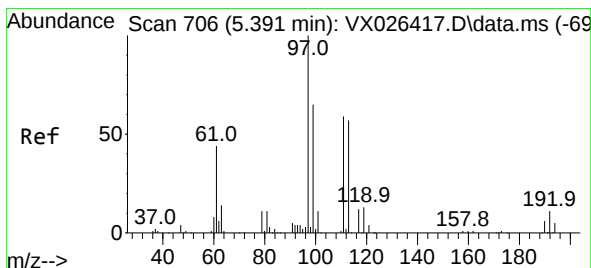
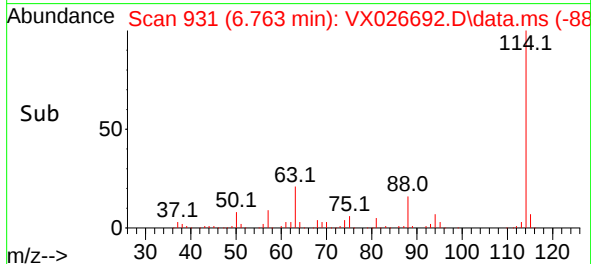
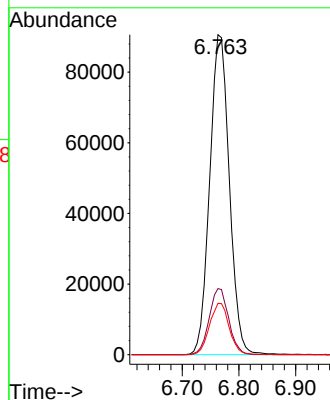
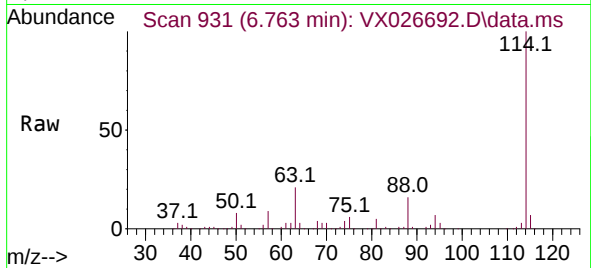




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX026692.D
Acq: 31 Jan 2022 19:45

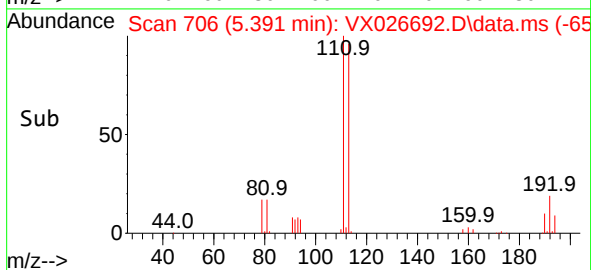
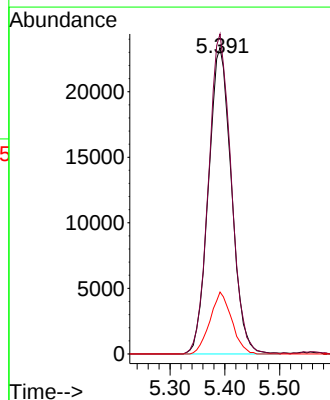
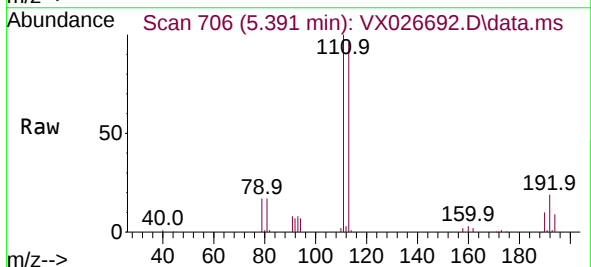
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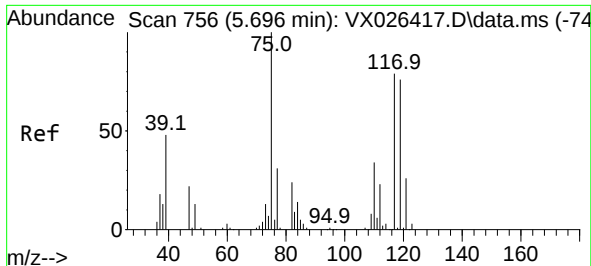
Tgt Ion:114 Resp: 217735
Ion Ratio Lower Upper
114 100
63 20.6 0.0 42.8
88 16.1 0.0 33.0



#35
Dibromofluoromethane
Concen: 48.245 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX026692.D
Acq: 31 Jan 2022 19:45

Tgt Ion:113 Resp: 67836
Ion Ratio Lower Upper
113 100
111 103.2 81.2 121.8
192 19.1 15.0 22.4

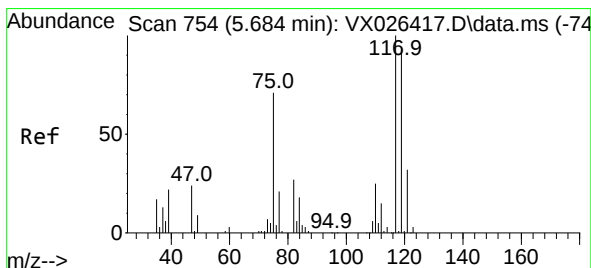
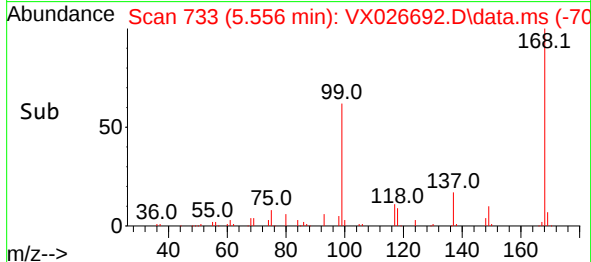
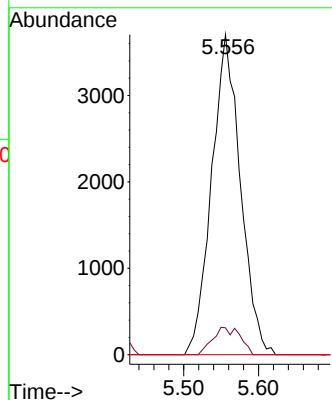
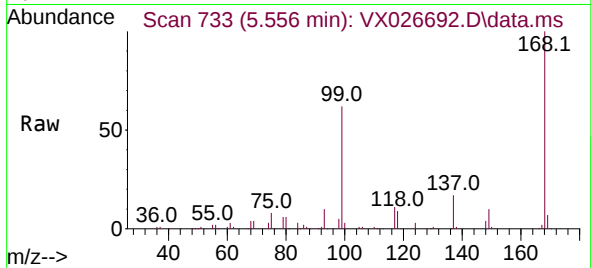




#36
1,1-Dichloropropene
Concen: 4.467 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX026692.D
Acq: 31 Jan 2022 19:45

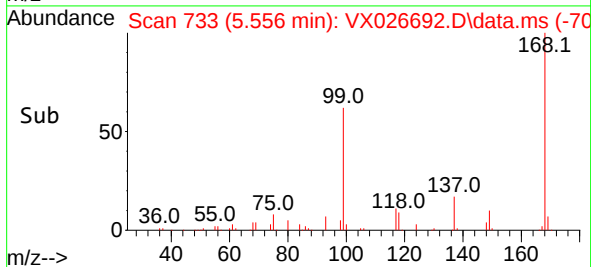
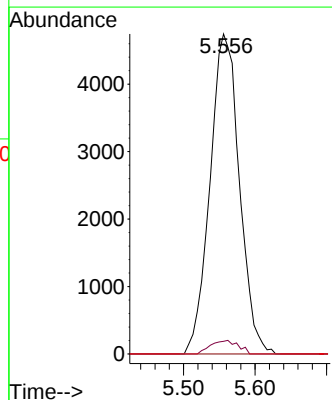
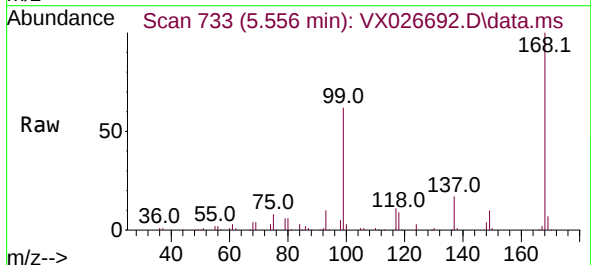
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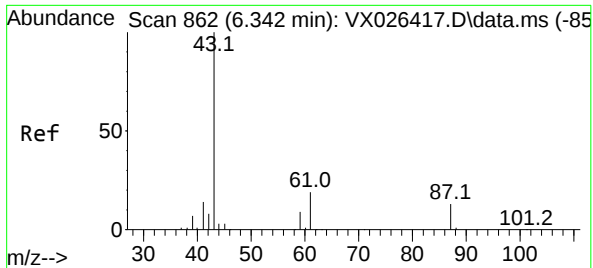
Tgt Ion: 75 Resp: 9916
Ion Ratio Lower Upper
75 100
110 8.2 17.2 51.6#
77 0.0 24.6 36.8#



#38
Carbon Tetrachloride
Concen: 5.937 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX026692.D
Acq: 31 Jan 2022 19:45

Tgt Ion: 117 Resp: 13556
Ion Ratio Lower Upper
117 100
119 4.0 74.7 112.1#
121 0.0 25.4 38.0#

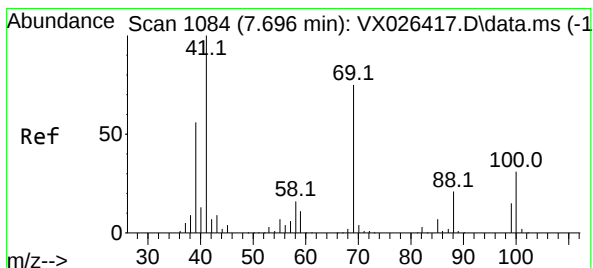
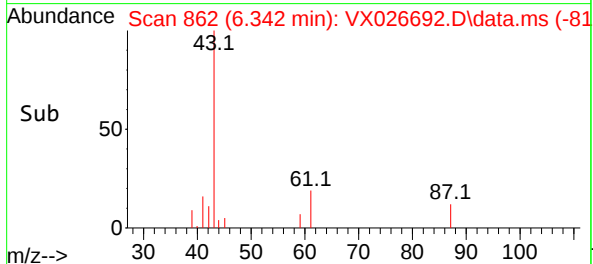
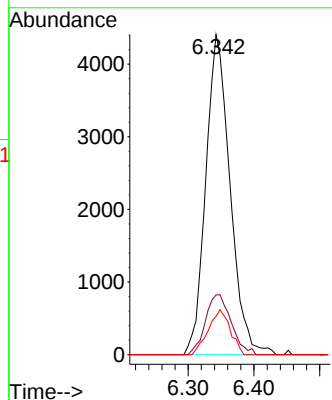
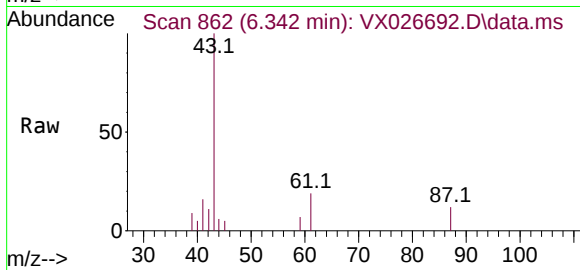




#43
Isopropyl Acetate
Concen: 3.130 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.000 min
Lab File: VX026692.D
Acq: 31 Jan 2022 19:45

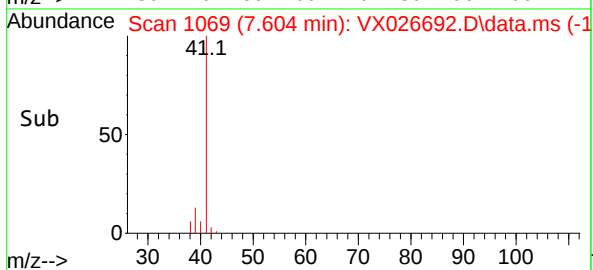
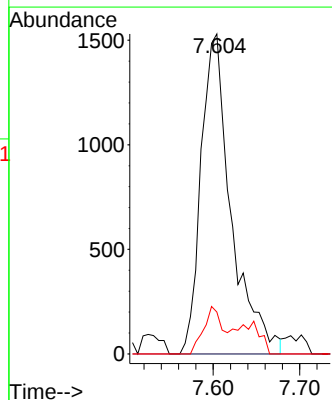
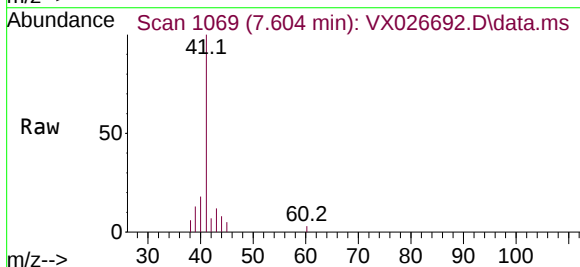
Instrument :
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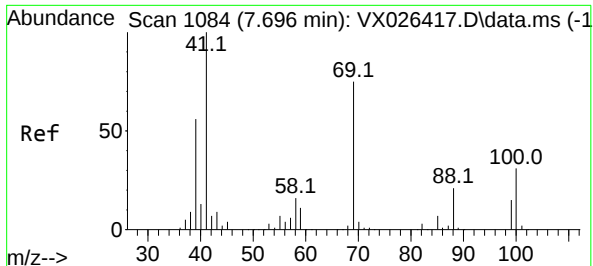
Tgt Ion: 43 Resp: 11352
Ion Ratio Lower Upper
43 100
61 19.8 15.4 23.0
87 12.6 10.2 15.2



#48
Methyl methacrylate
Concen: 2.059 ug/l
RT: 7.604 min Scan# 1069
Delta R.T. -0.091 min
Lab File: VX026692.D
Acq: 31 Jan 2022 19:45

Tgt Ion: 41 Resp: 3701
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: 0.746 ug/l

RT: 7.805 min Scan# 1102

Delta R.T. 0.110 min

Lab File: VX026692.D

Acq: 31 Jan 2022 19:45

Instrument :

MSVOA_X

ClientSampleId :

MH-3D

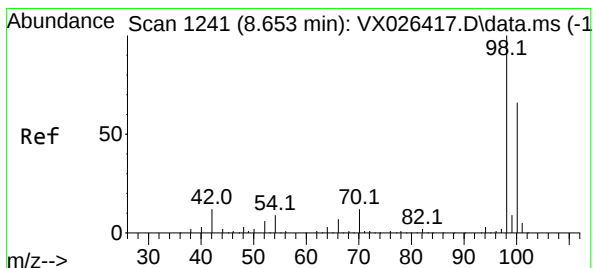
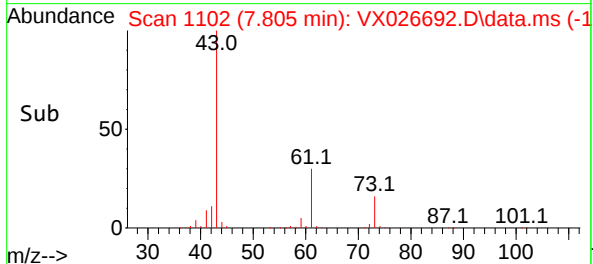
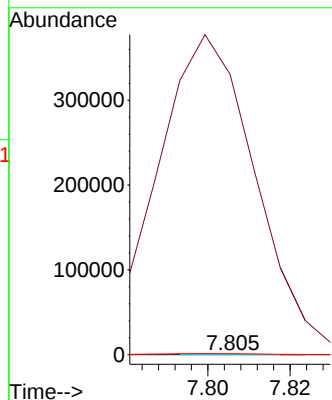
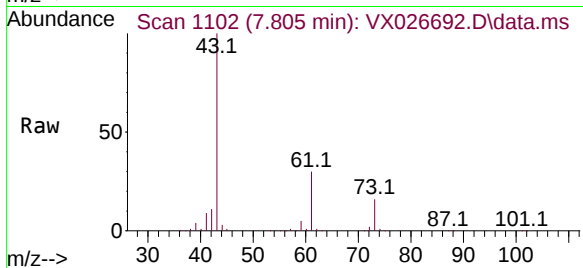
Tgt Ion: 88 Resp: 22

Ion Ratio Lower Upper

88 100

43 2923940.9 29.9 44.9#

58 11586.4 57.8 86.6#



#50

Toluene-d8

Concen: 51.238 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX026692.D

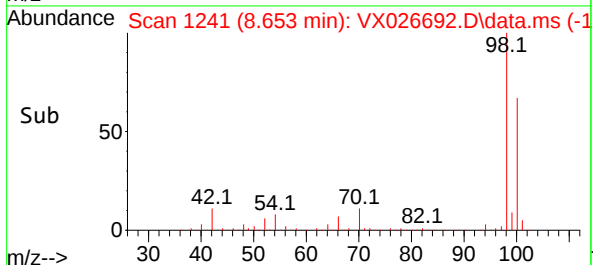
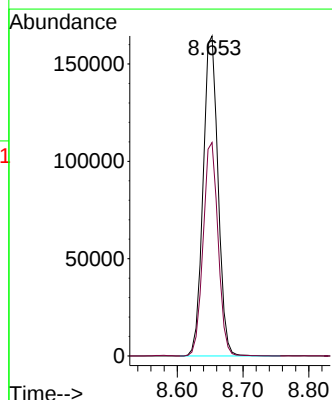
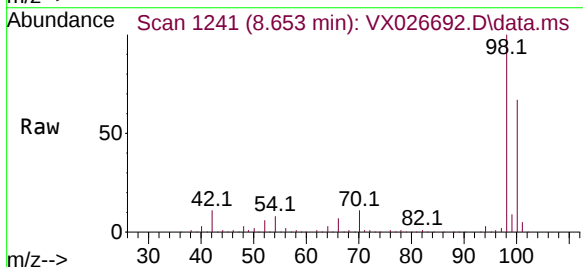
Acq: 31 Jan 2022 19:45

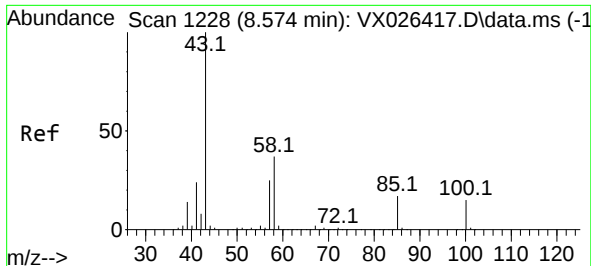
Tgt Ion: 98 Resp: 259614

Ion Ratio Lower Upper

98 100

100 66.7 53.2 79.8

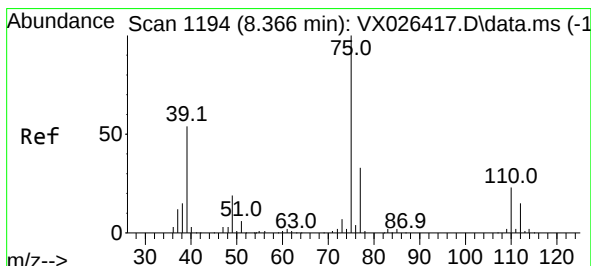
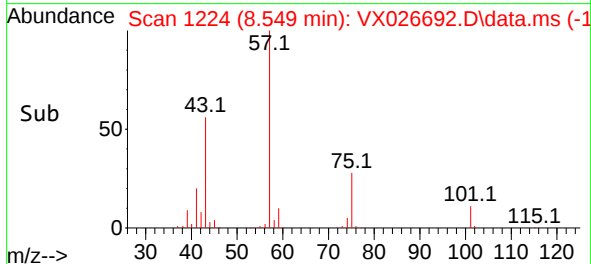
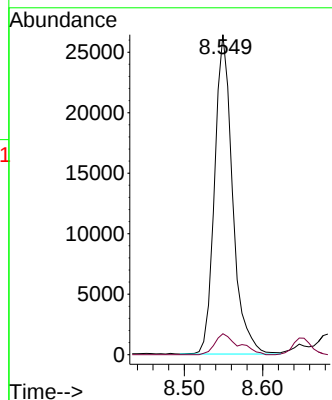
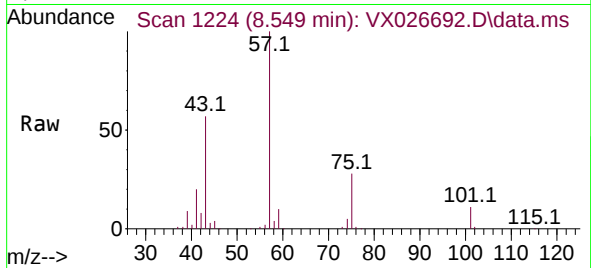




#51
4-Methyl-2-Pentanone
Concen: 19.600 ug/l
RT: 8.549 min Scan# 11
Delta R.T. -0.024 min
Lab File: VX026692.D
Acq: 31 Jan 2022 19:45

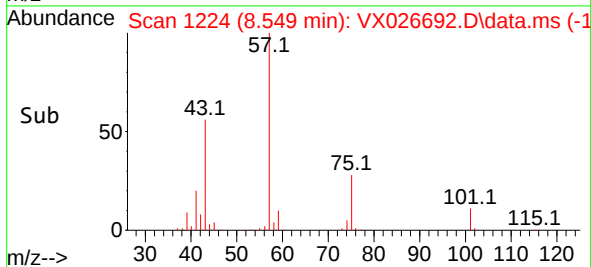
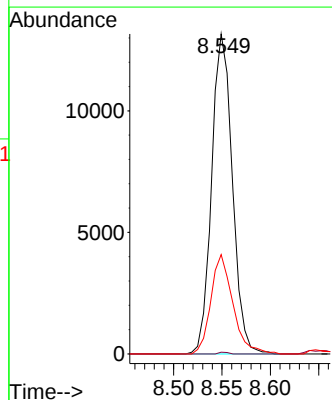
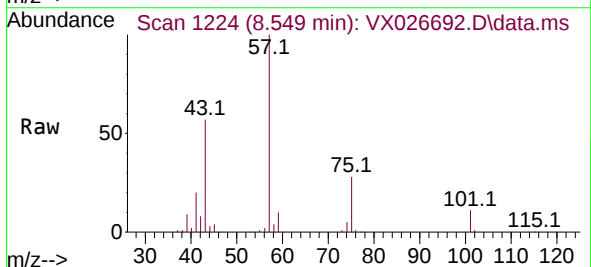
Instrument :
MSVOA_X
ClientSampleId :
MH-3D

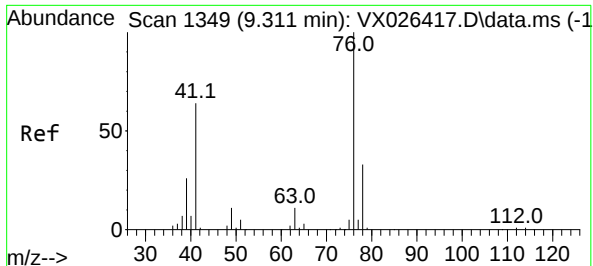
Tgt Ion: 43 Resp: 42167
Ion Ratio Lower Upper
43 100
58 8.7 30.5 45.7#



#54
cis-1,3-Dichloropropene
Concen: 8.367 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. 0.183 min
Lab File: VX026692.D
Acq: 31 Jan 2022 19:45

Tgt Ion: 75 Resp: 19602
Ion Ratio Lower Upper
75 100
77 0.6 26.2 39.2#
39 31.0 43.5 65.3#





#57

1,3-Dichloropropane

Concen: 4.352 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.171 min

Lab File: VX026692.D

Acq: 31 Jan 2022 19:45

Instrument :

MSVOA_X

ClientSampleId :

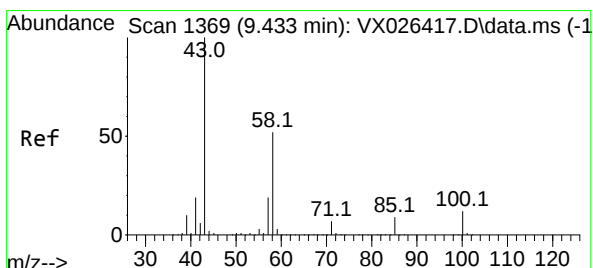
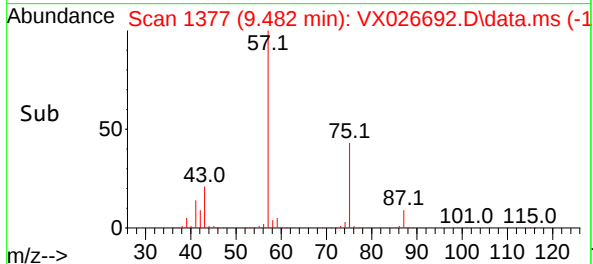
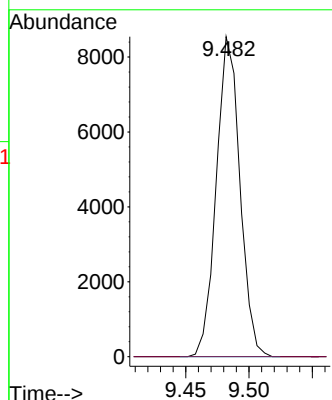
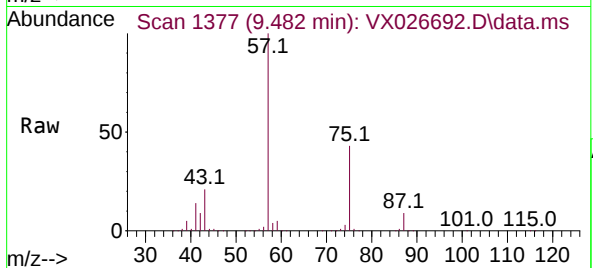
MH-3D

Tgt Ion: 76 Resp: 11077

Ion Ratio Lower Upper

76 100

78 0.0 25.7 38.5#



#59

2-Hexanone

Concen: 93.609 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.049 min

Lab File: VX026692.D

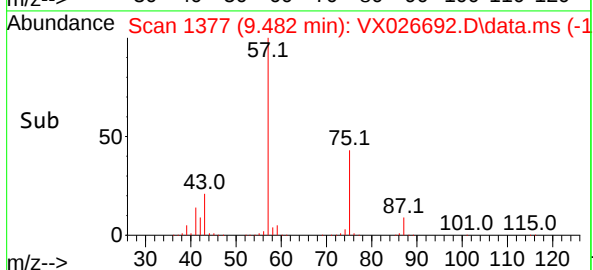
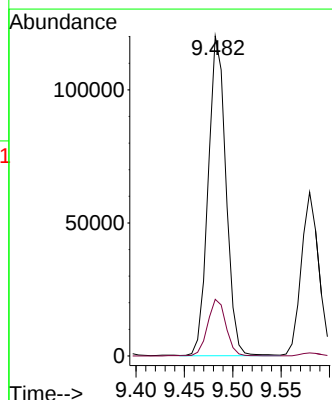
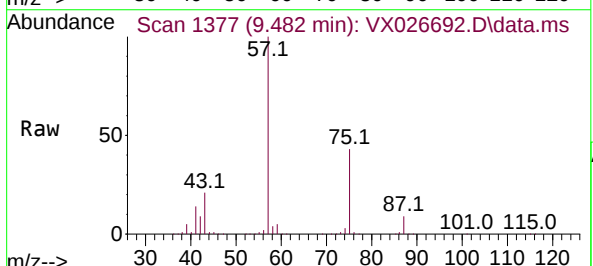
Acq: 31 Jan 2022 19:45

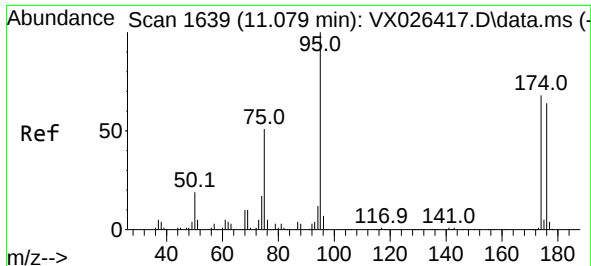
Tgt Ion: 43 Resp: 154133

Ion Ratio Lower Upper

43 100

58 18.3 26.4 79.2#

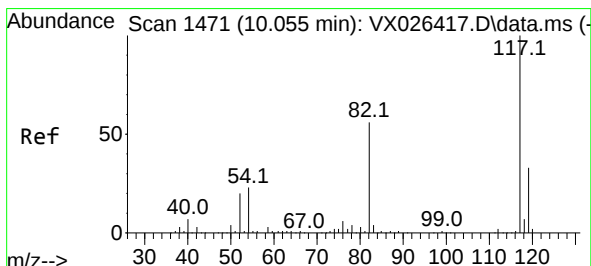
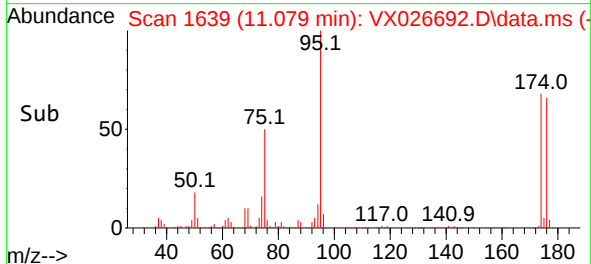
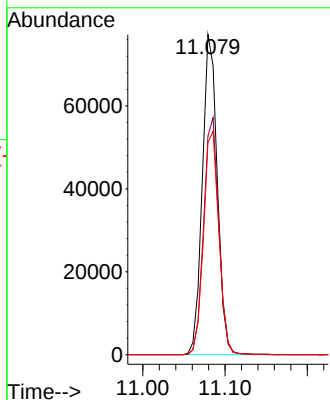
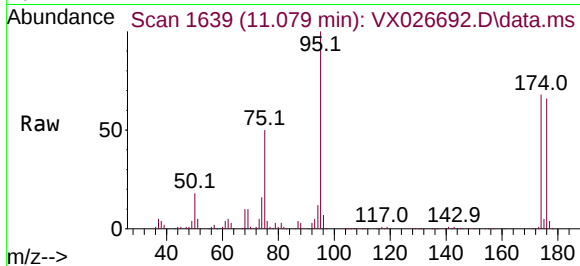




#62
4-Bromofluorobenzene
Concen: 54.132 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX026692.D
Acq: 31 Jan 2022 19:45

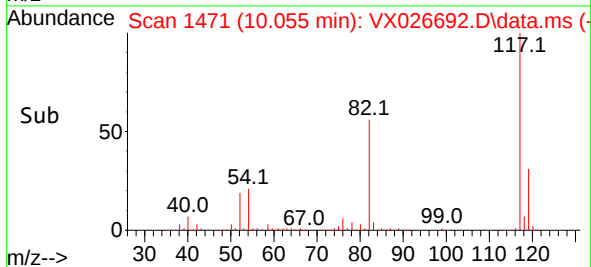
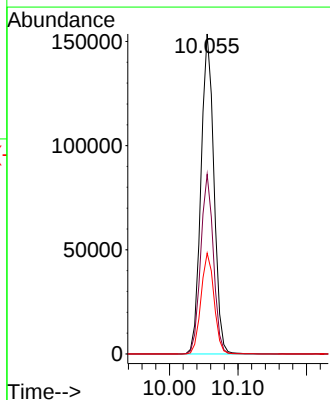
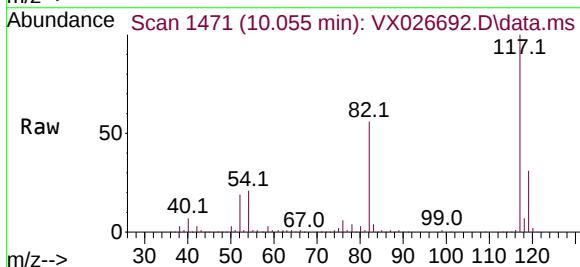
Instrument :
MSVOA_X
ClientSampleId :
MH-3D

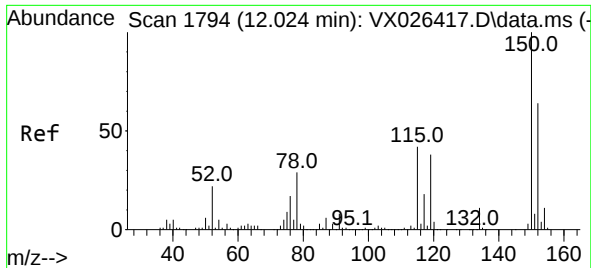
Tgt Ion: 95 Resp: 97434
Ion Ratio Lower Upper
95 100
174 75.2 0.0 148.6
176 71.6 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX026692.D
Acq: 31 Jan 2022 19:45

Tgt Ion: 117 Resp: 201864
Ion Ratio Lower Upper
117 100
82 56.1 45.2 67.8
119 31.5 26.2 39.2

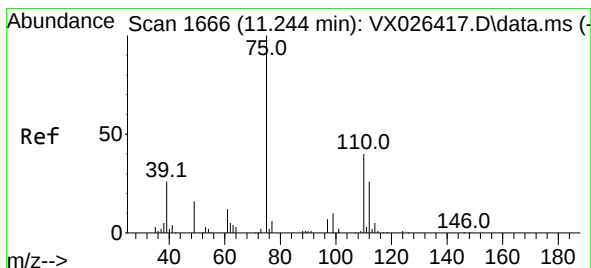
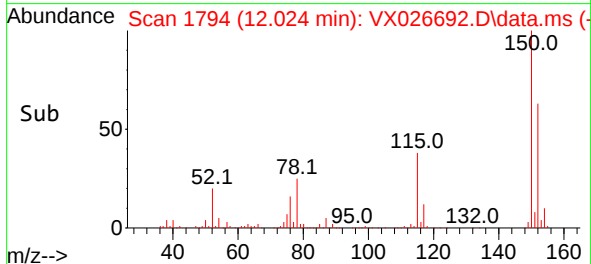
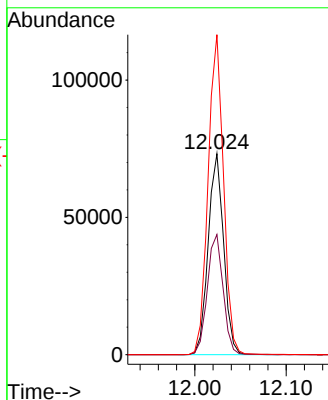
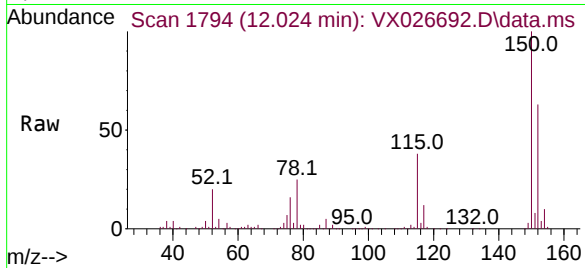




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX026692.D
 Acq: 31 Jan 2022 19:45

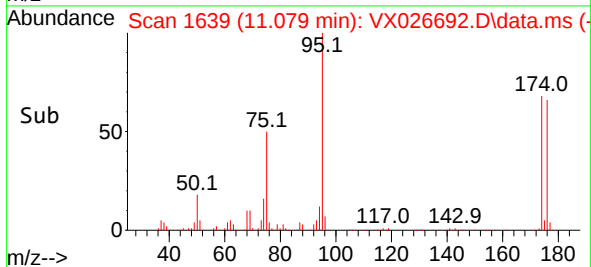
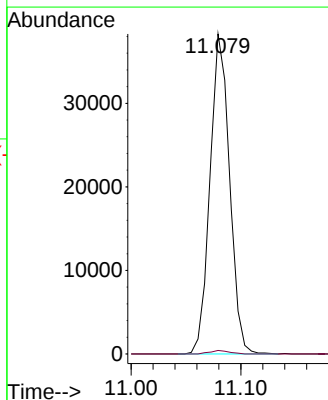
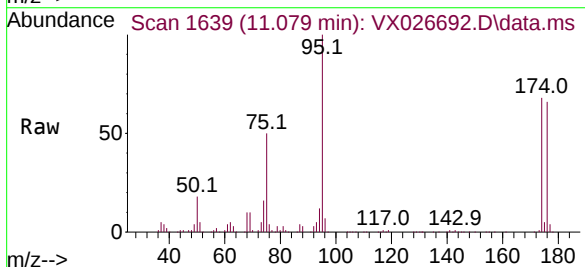
Instrument :
 MSVOA_X
 ClientSampleId :
 MH-3D

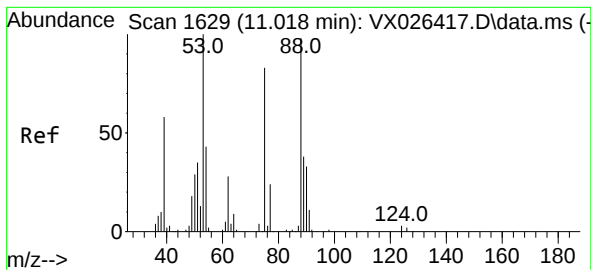
Tgt Ion:152 Resp: 86058
 Ion Ratio Lower Upper
 152 100
 115 61.1 44.2 132.6
 150 159.0 0.0 348.2



#76
 1,2,3-Trichloropropane
 Concen: 25.095 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX026692.D
 Acq: 31 Jan 2022 19:45

Tgt Ion: 75 Resp: 47550
 Ion Ratio Lower Upper
 75 100
 77 1.1 18.3 54.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 76.260 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX026692.D
 Acq: 31 Jan 2022 19:45

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-3D

Tgt Ion: 75 Resp: 47550
 Ion Ratio Lower Upper
 75 100
 53 0.0 94.0 141.0#
 89 0.1 37.0 55.4#

