

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX013122\
 Data File : VX026691.D
 Acq On : 31 Jan 2022 19:22
 Operator : JC/MD
 Sample : N1335-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-3S

Quant Time: Feb 01 06:31:06 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)

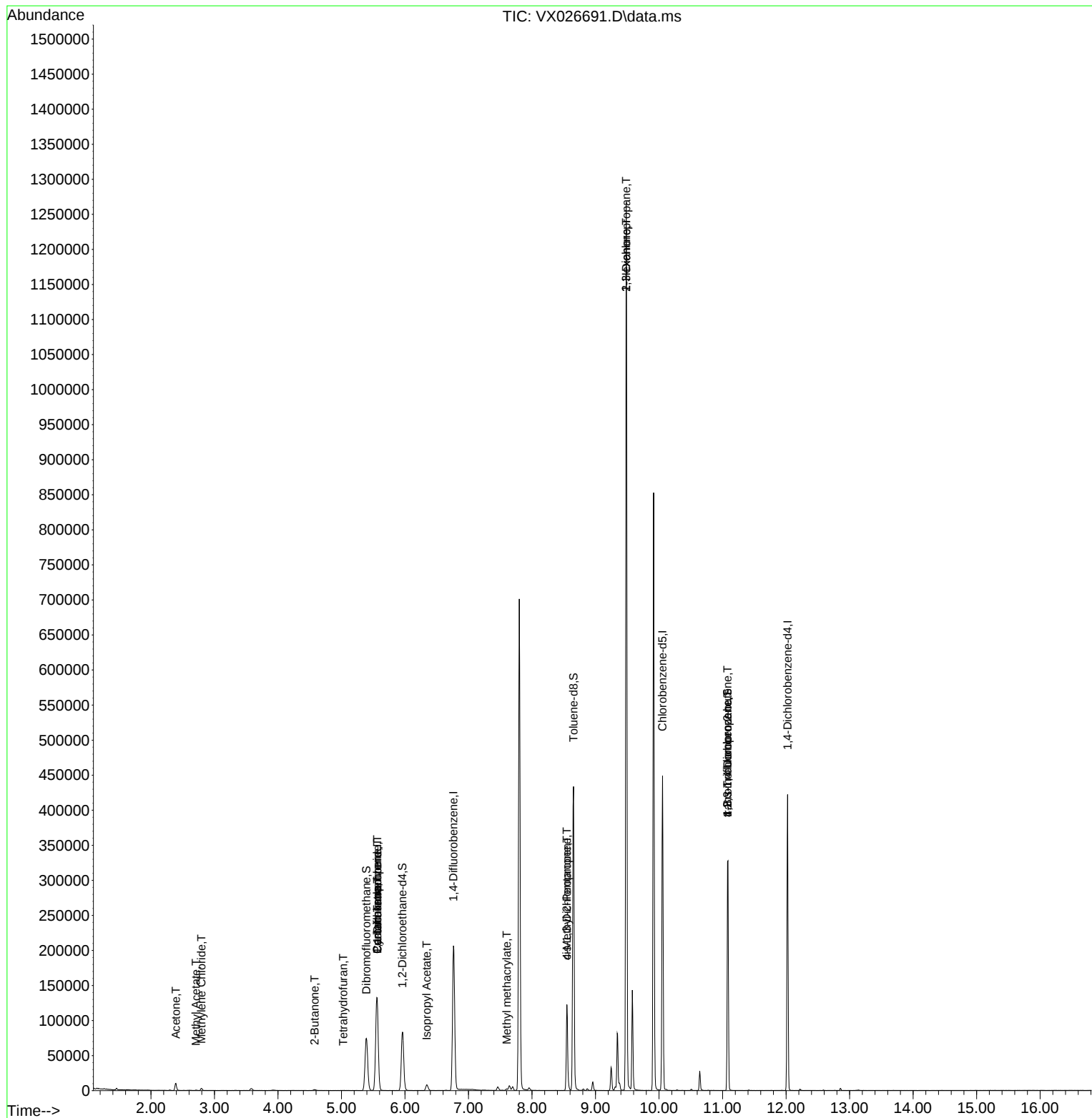
Internal Standards						
1) Pentafluorobenzene	5.562	168	129281	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	215800	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	198777	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	83427	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	83885	46.449	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.900%
35) Dibromofluoromethane	5.391	113	68155	48.907	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.820%
50) Toluene-d8	8.653	98	257936	51.363	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.720%
62) 4-Bromofluorobenzene	11.079	95	94751	53.113	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	106.220%
Target Compounds						
					Qvalue	
16) Acetone	2.392	43	12453	13.522	ug/l	100
18) Methyl Acetate	2.709	43	884	0.483	ug/l #	81
20) Methylene Chloride	2.794	84	1598	1.050	ug/l	98
25) 2-Butanone	4.574	43	2622	2.189	ug/l	90
29) Tetrahydrofuran	5.025	42	285	0.401	ug/l #	39
31) Cyclohexane	5.562	56	2662	0.999	ug/l #	8
36) 1,1-Dichloropropene	5.562	75	9707	4.412	ug/l #	51
38) Carbon Tetrachloride	5.562	117	12958	5.726	ug/l #	16
43) Isopropyl Acetate	6.342	43	11520	3.205	ug/l	99
48) Methyl methacrylate	7.604	41	3546	1.990	ug/l #	16
51) 4-Methyl-2-Pentanone	8.549	43	41548	19.486	ug/l #	52
54) cis-1,3-Dichloropropene	8.549	75	19344	8.331	ug/l #	57
57) 1,3-Dichloropropane	9.482	76	10664	4.227	ug/l #	43
59) 2-Hexanone	9.482	43	153006	93.757	ug/l #	51
76) 1,2,3-Trichloropropane	11.079	75	46493	25.311	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	46493	76.873	ug/l #	3

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX013122\
Data File : VX026691.D
Acq On : 31 Jan 2022 19:22
Operator : JC/MD
Sample : N1335-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MH-3S

Quant Time: Feb 01 06:31:06 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

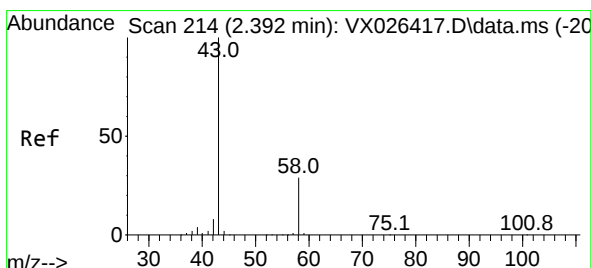
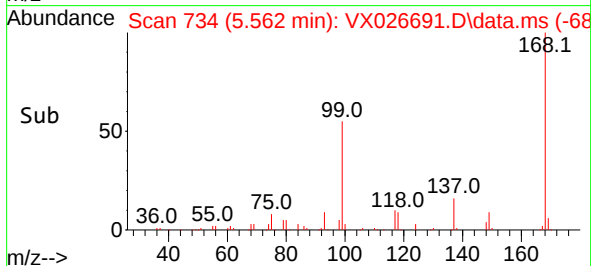
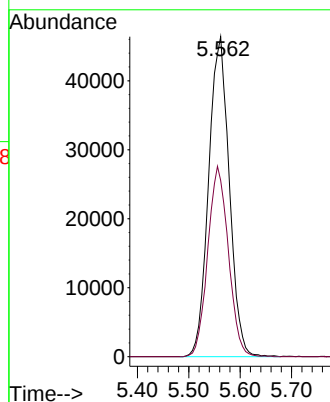
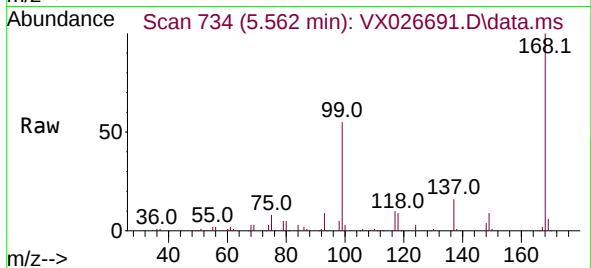




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX026691.D
Acq: 31 Jan 2022 19:22

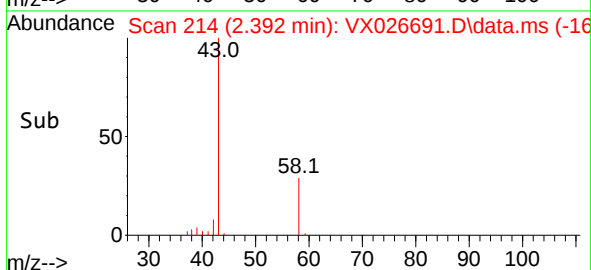
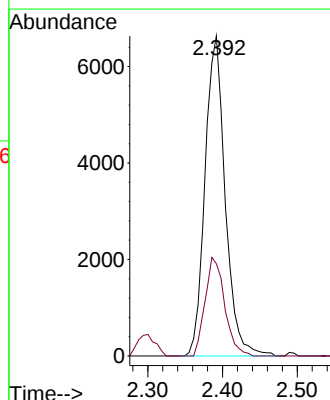
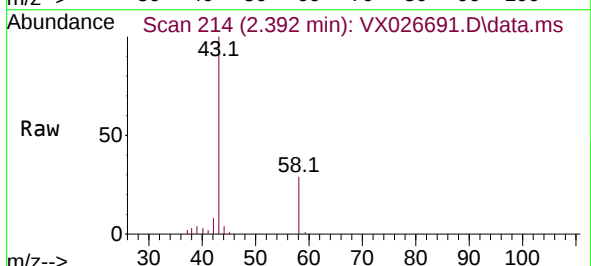
Instrument :
MSVOA_X
ClientSampleId :
MH-3S

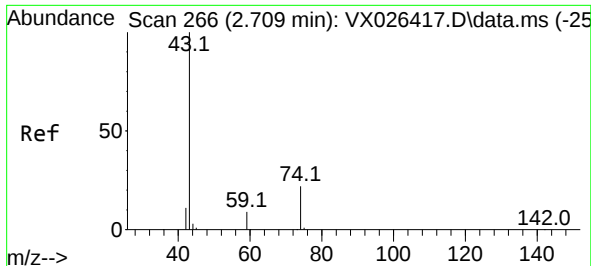
Tgt Ion:168 Resp: 129281
Ion Ratio Lower Upper
168 100
99 55.0 50.3 75.5



#16
Acetone
Concen: 13.522 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX026691.D
Acq: 31 Jan 2022 19:22

Tgt Ion: 43 Resp: 12453
Ion Ratio Lower Upper
43 100
58 28.8 23.0 34.6

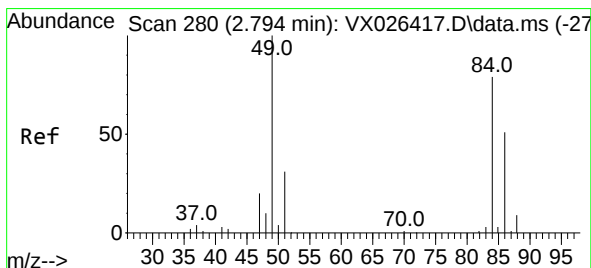
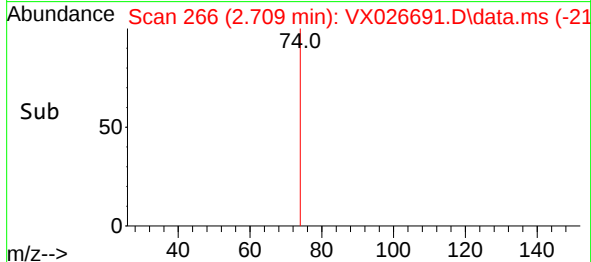
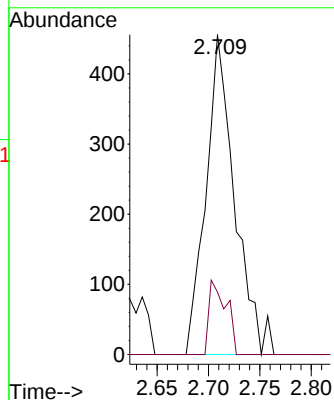
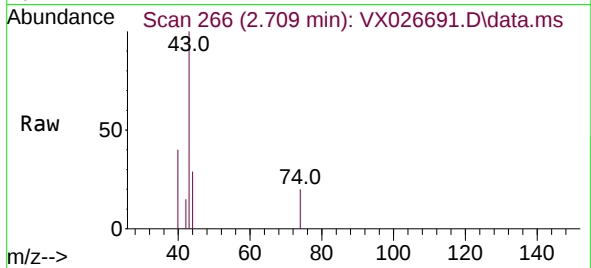




#18
Methyl Acetate
Concen: 0.483 ug/l
RT: 2.709 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX026691.D
Acq: 31 Jan 2022 19:22

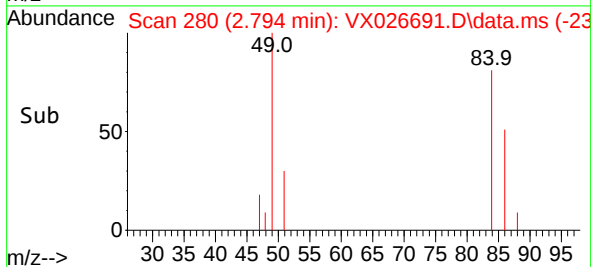
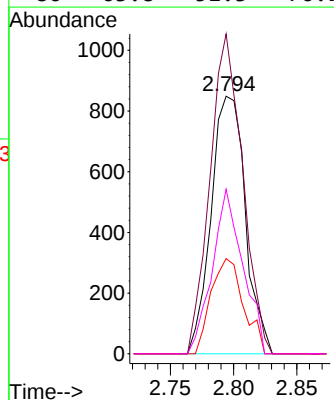
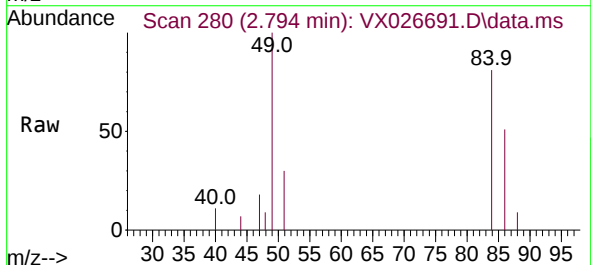
Instrument :
MSVOA_X
ClientSampleId :
MH-3S

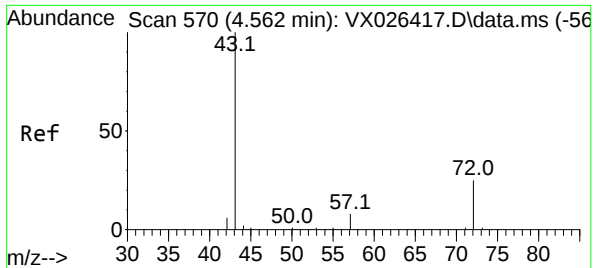
Tgt Ion: 43 Resp: 884
Ion Ratio Lower Upper
43 100
74 13.9 18.3 27.5#



#20
Methylene Chloride
Concen: 1.050 ug/l
RT: 2.794 min Scan# 280
Delta R.T. -0.000 min
Lab File: VX026691.D
Acq: 31 Jan 2022 19:22

Tgt Ion: 84 Resp: 1598
Ion Ratio Lower Upper
84 100
49 124.1 101.5 152.3
51 37.0 31.2 46.8
86 63.8 51.3 76.9

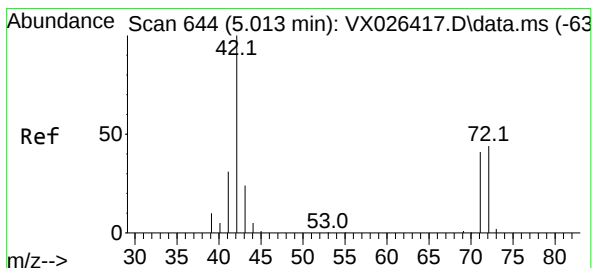
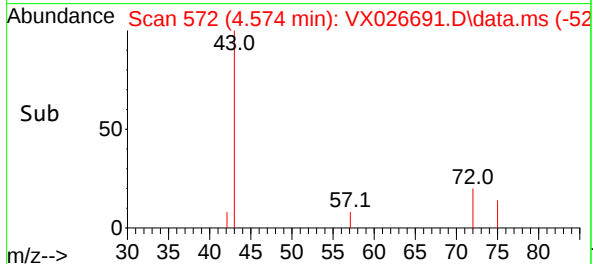
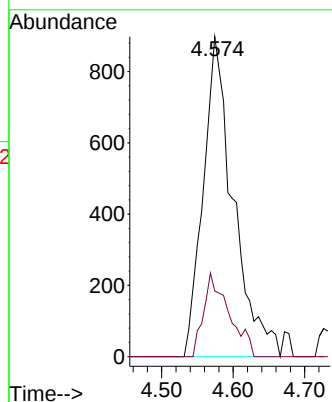
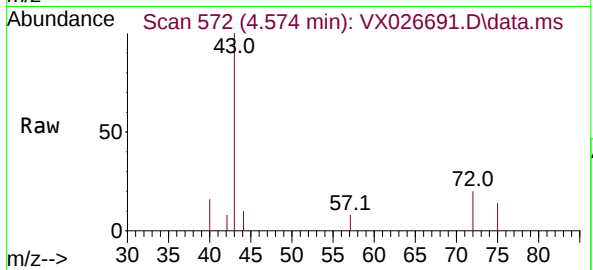




#25
2-Butanone
Concen: 2.189 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX026691.D
Acq: 31 Jan 2022 19:22

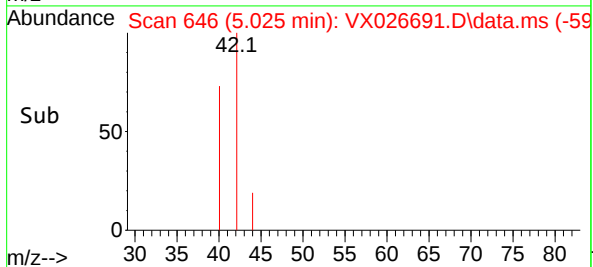
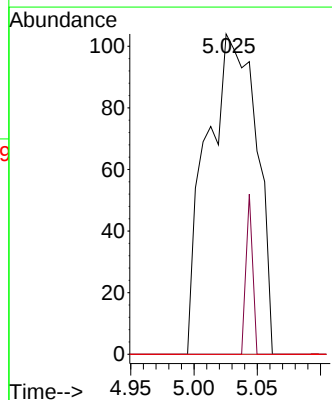
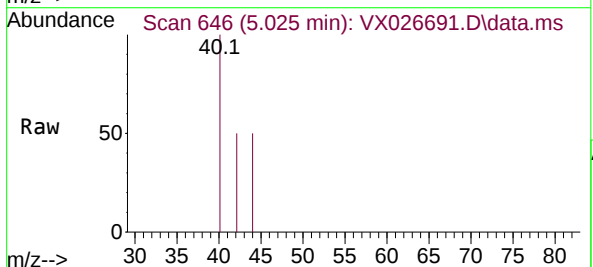
Instrument :
MSVOA_X
ClientSampleId :
MH-3S

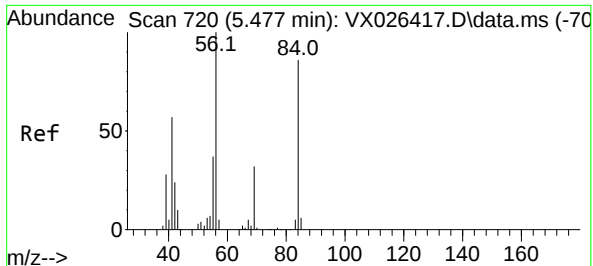
Tgt Ion: 43 Resp: 2622
Ion Ratio Lower Upper
43 100
72 20.5 20.4 30.6



#29
Tetrahydrofuran
Concen: 0.401 ug/l
RT: 5.025 min Scan# 646
Delta R.T. 0.012 min
Lab File: VX026691.D
Acq: 31 Jan 2022 19:22

Tgt Ion: 42 Resp: 285
Ion Ratio Lower Upper
42 100
72 6.7 34.6 52.0#
71 0.0 31.8 47.8#

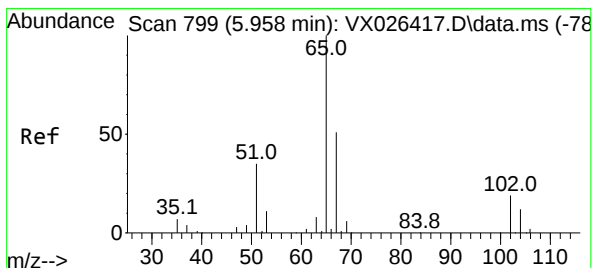
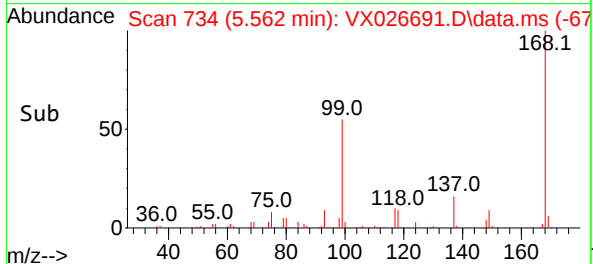
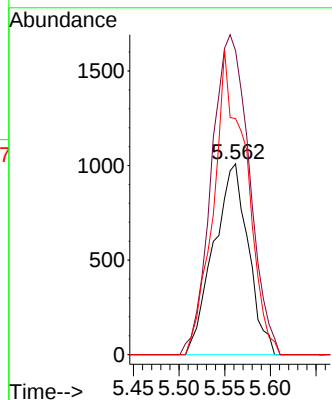
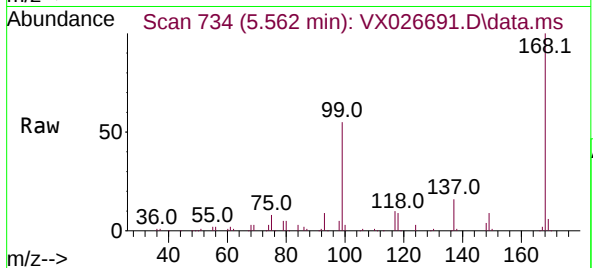




#31
Cyclohexane
Concen: 0.999 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.085 min
Lab File: VX026691.D
Acq: 31 Jan 2022 19:22

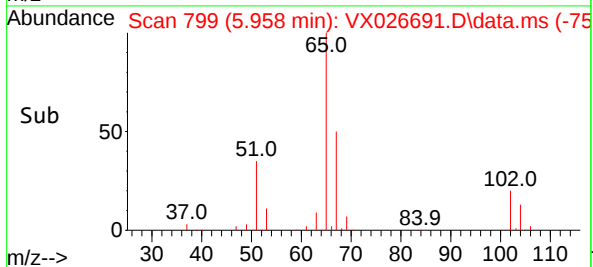
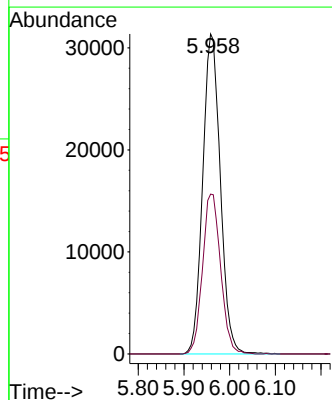
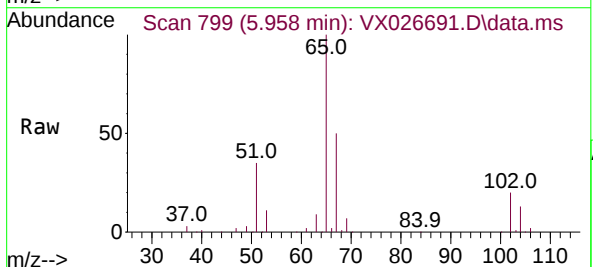
Instrument :
MSVOA_X
ClientSampleId :
MH-3S

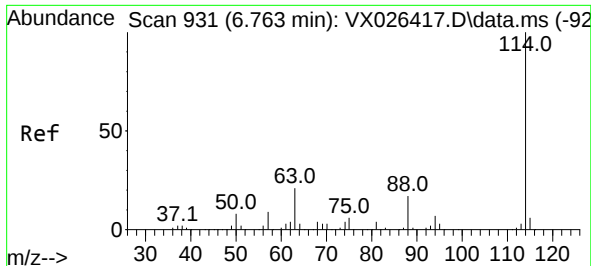
Tgt Ion: 56 Resp: 2662
Ion Ratio Lower Upper
56 100
69 159.3 25.8 38.6#
84 123.8 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 46.449 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX026691.D
Acq: 31 Jan 2022 19:22

Tgt Ion: 65 Resp: 83885
Ion Ratio Lower Upper
65 100
67 51.2 0.0 100.8

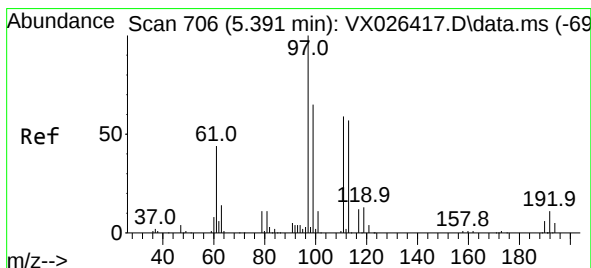
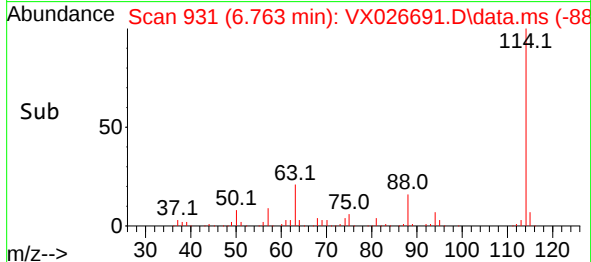
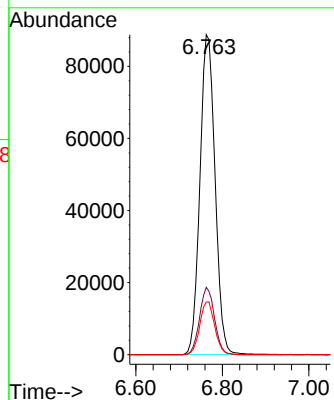
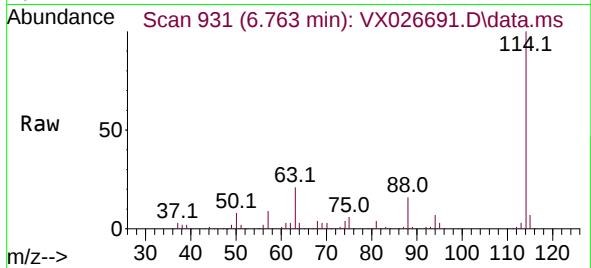




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX026691.D
Acq: 31 Jan 2022 19:22

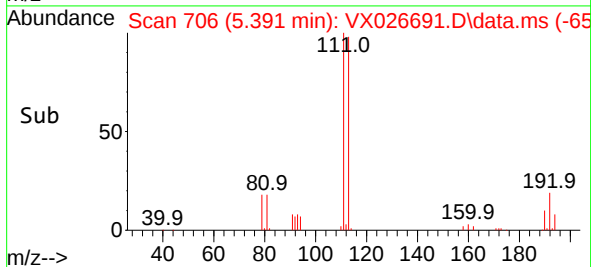
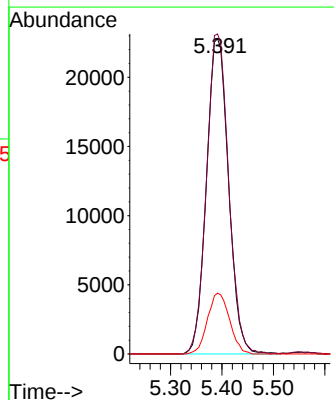
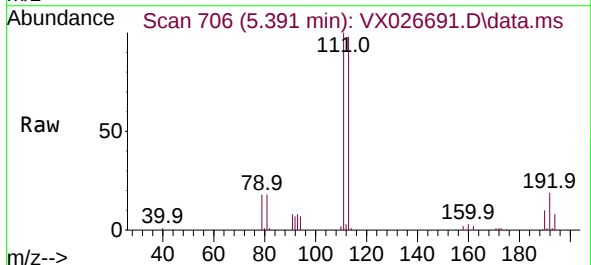
Instrument :
MSVOA_X
ClientSampleId :
MH-3S

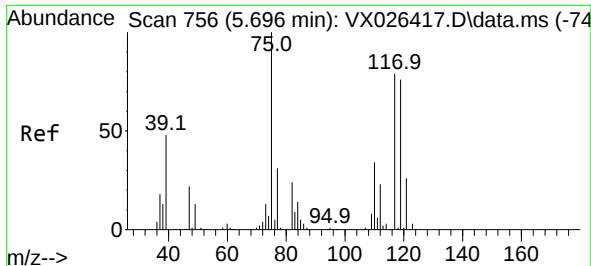
Tgt Ion:114 Resp: 215800
Ion Ratio Lower Upper
114 100
63 21.1 0.0 42.8
88 16.5 0.0 33.0



#35
Dibromofluoromethane
Concen: 48.907 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX026691.D
Acq: 31 Jan 2022 19:22

Tgt Ion:113 Resp: 68155
Ion Ratio Lower Upper
113 100
111 101.5 81.2 121.8
192 19.2 15.0 22.4

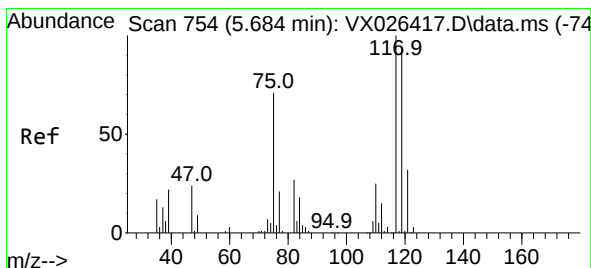
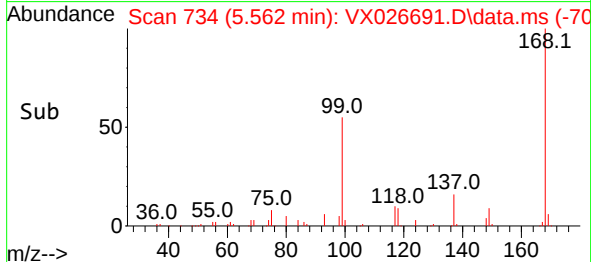
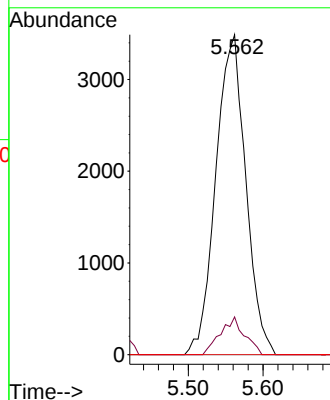
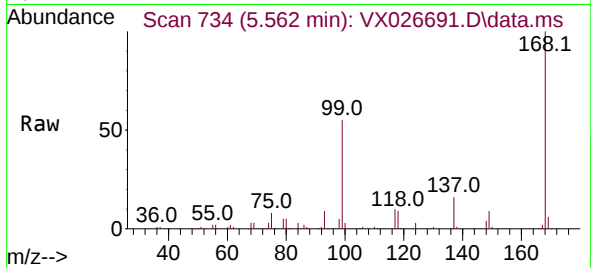




#36
 1,1-Dichloropropene
 Concen: 4.412 ug/l
 RT: 5.562 min Scan# 734
 Delta R.T. -0.134 min
 Lab File: VX026691.D
 Acq: 31 Jan 2022 19:22

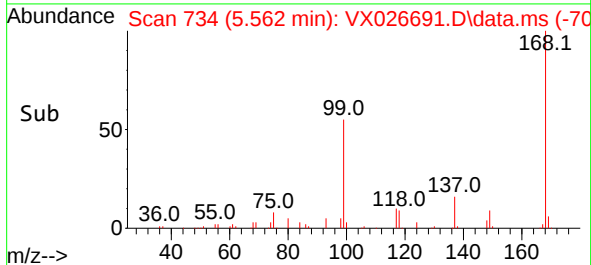
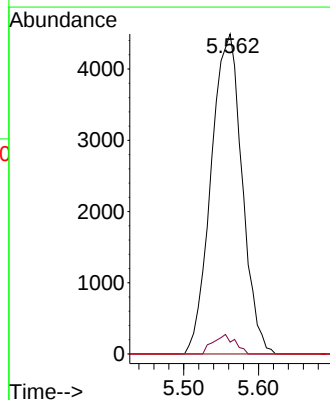
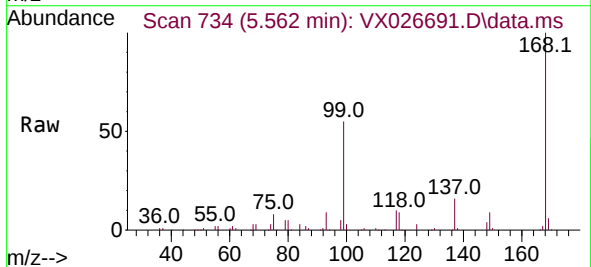
Instrument :
 MSVOA_X
 ClientSampleId :
 MH-3S

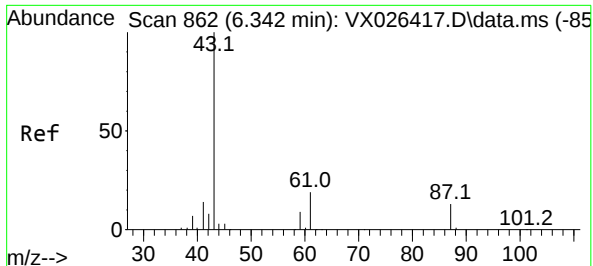
Tgt Ion: 75 Resp: 9707
 Ion Ratio Lower Upper
 75 100
 110 9.5 17.2 51.6#
 77 0.0 24.6 36.8#



#38
 Carbon Tetrachloride
 Concen: 5.726 ug/l
 RT: 5.562 min Scan# 734
 Delta R.T. -0.122 min
 Lab File: VX026691.D
 Acq: 31 Jan 2022 19:22

Tgt Ion: 117 Resp: 12958
 Ion Ratio Lower Upper
 117 100
 119 3.7 74.7 112.1#
 121 0.0 25.4 38.0#

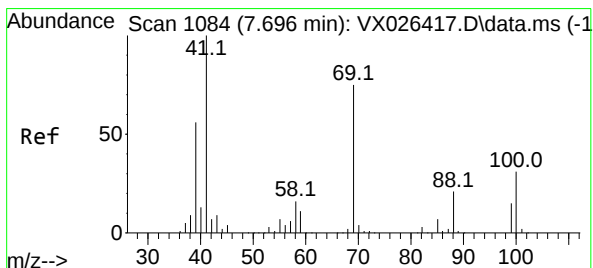
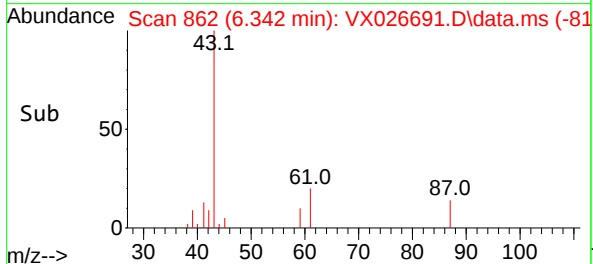
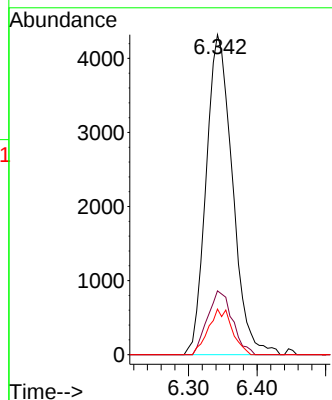
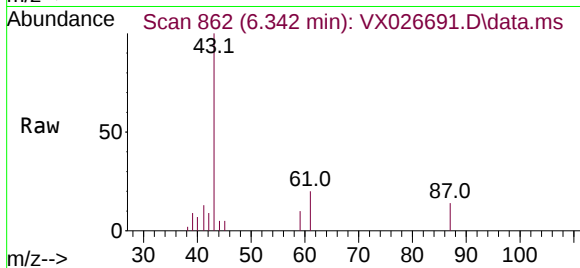




#43
Isopropyl Acetate
Concen: 3.205 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.000 min
Lab File: VX026691.D
Acq: 31 Jan 2022 19:22

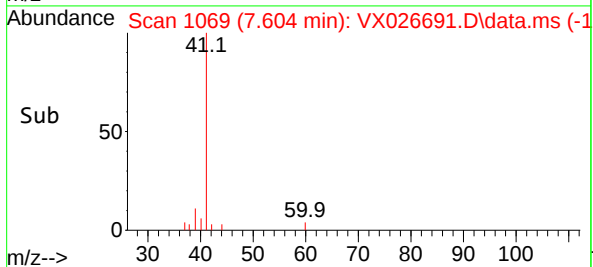
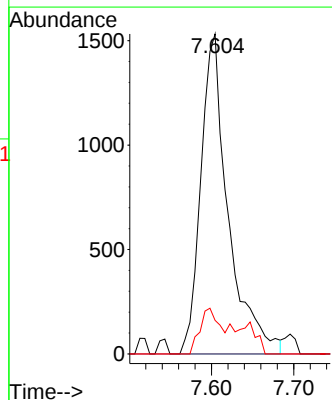
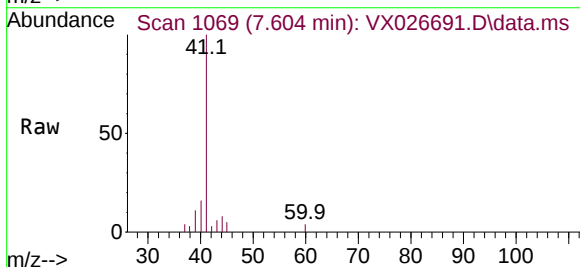
Instrument :
MSVOA_X
ClientSampleId :
MH-3S

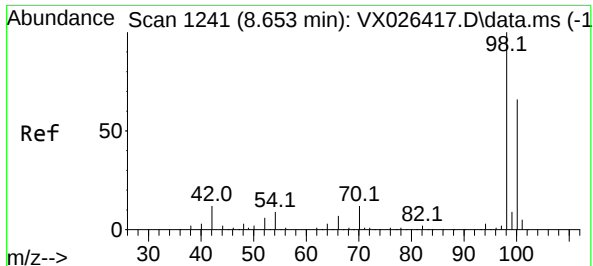
Tgt Ion:	43	Resp:	11520
Ion	Ratio	Lower	Upper
43	100		
61	18.9	15.4	23.0
87	12.9	10.2	15.2



#48
Methyl methacrylate
Concen: 1.990 ug/l
RT: 7.604 min Scan# 1069
Delta R.T. -0.091 min
Lab File: VX026691.D
Acq: 31 Jan 2022 19:22

Tgt Ion:	41	Resp:	3546
Ion	Ratio	Lower	Upper
41	100		
69	0.0	62.2	93.4#
39	0.0	45.4	68.0#

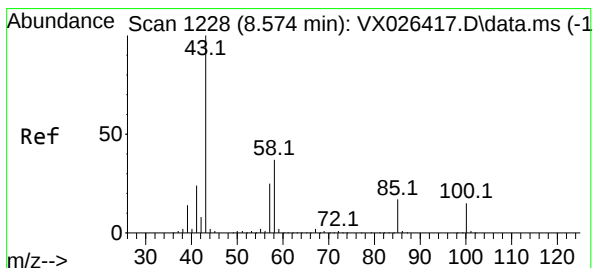
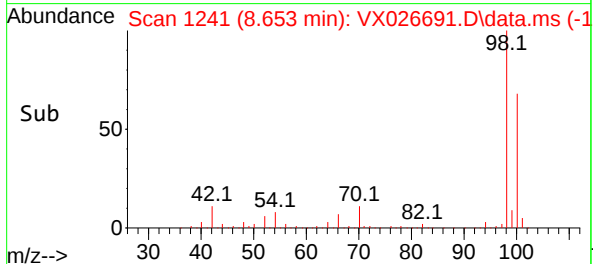
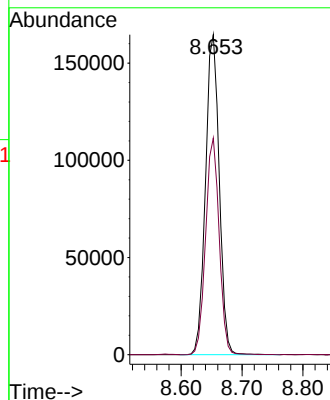
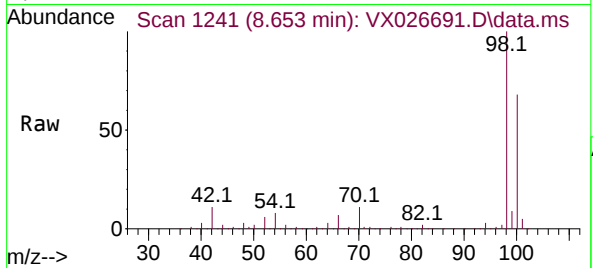




#50
Toluene-d8
Concen: 51.363 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX026691.D
Acq: 31 Jan 2022 19:22

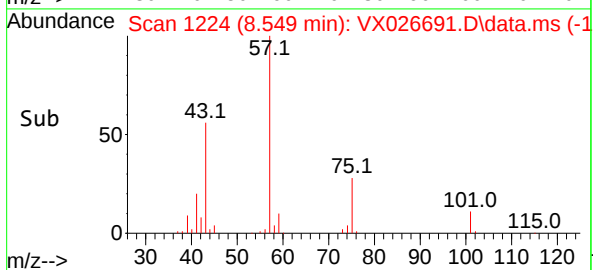
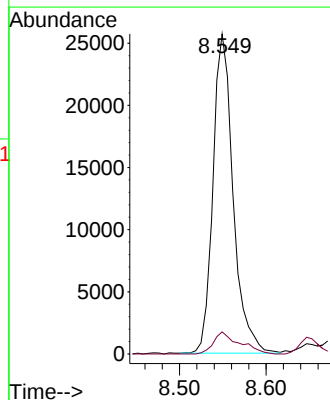
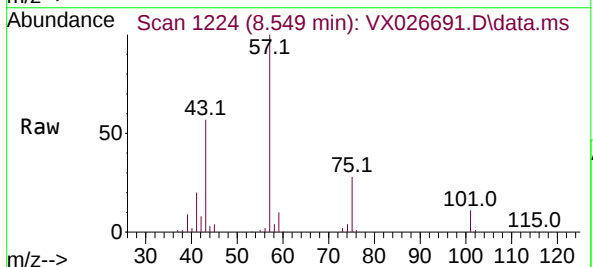
Instrument :
MSVOA_X
ClientSampleId :
MH-3S

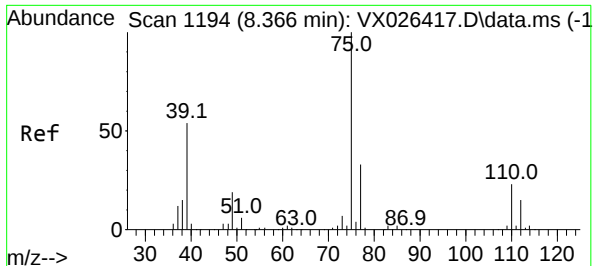
Tgt Ion: 98 Resp: 257936
Ion Ratio Lower Upper
98 100
100 66.8 53.2 79.8



#51
4-Methyl-2-Pentanone
Concen: 19.486 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.024 min
Lab File: VX026691.D
Acq: 31 Jan 2022 19:22

Tgt Ion: 43 Resp: 41548
Ion Ratio Lower Upper
43 100
58 8.9 30.5 45.7#





#54

cis-1,3-Dichloropropene

Concen: 8.331 ug/l

RT: 8.549 min Scan# 1194

Delta R.T. 0.183 min

Lab File: VX026691.D

Acq: 31 Jan 2022 19:22

Instrument :

MSVOA_X

ClientSampleId :

MH-3S

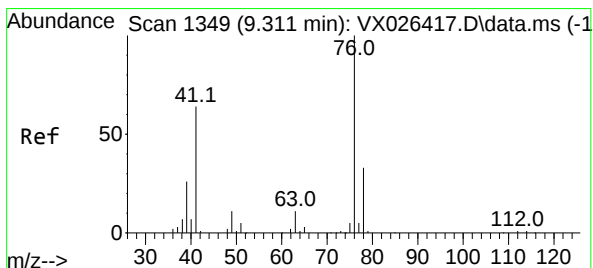
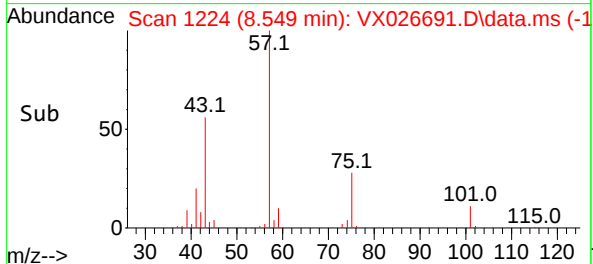
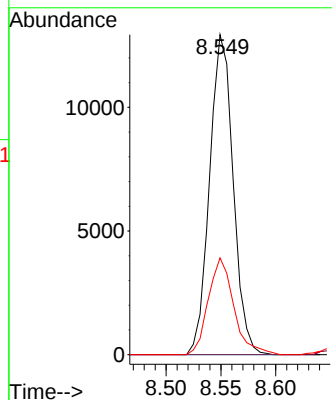
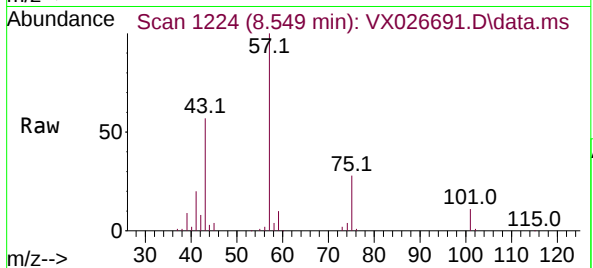
Tgt Ion: 75 Resp: 19344

Ion Ratio Lower Upper

75 100

77 0.0 26.2 39.2#

39 30.3 43.5 65.3#



#57

1,3-Dichloropropane

Concen: 4.227 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.171 min

Lab File: VX026691.D

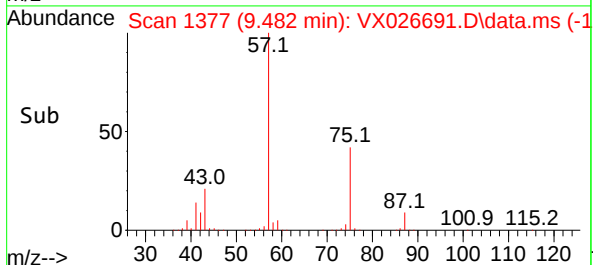
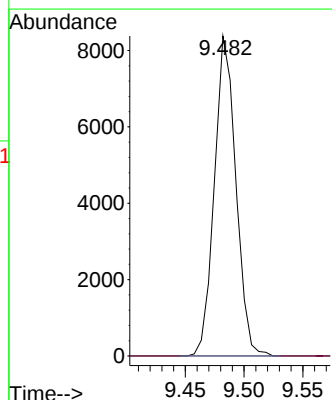
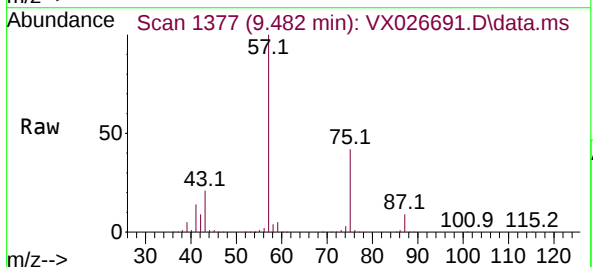
Acq: 31 Jan 2022 19:22

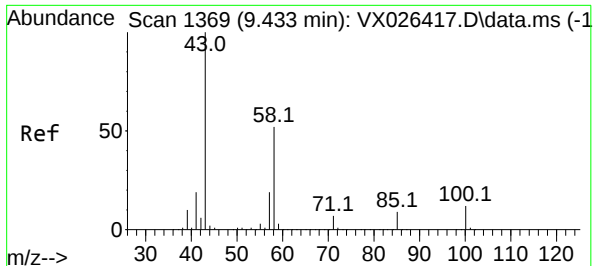
Tgt Ion: 76 Resp: 10664

Ion Ratio Lower Upper

76 100

78 0.0 25.7 38.5#

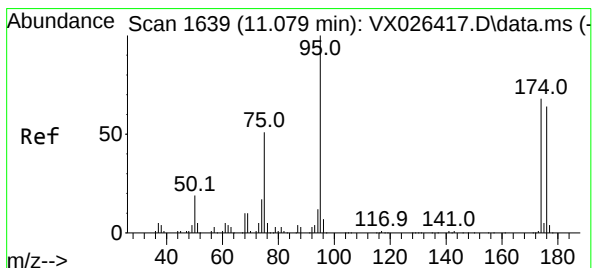
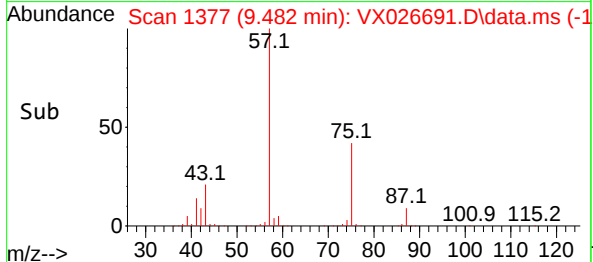
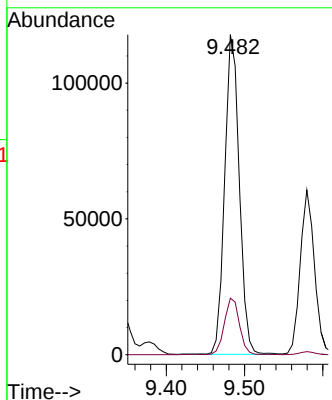
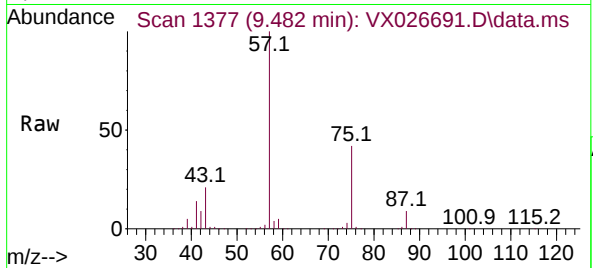




#59
2-Hexanone
Concen: 93.757 ug/l
RT: 9.482 min Scan# 11
Delta R.T. 0.049 min
Lab File: VX026691.D
Acq: 31 Jan 2022 19:22

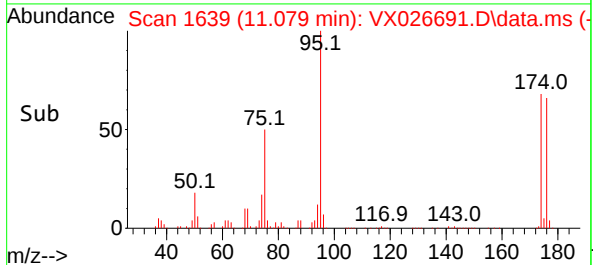
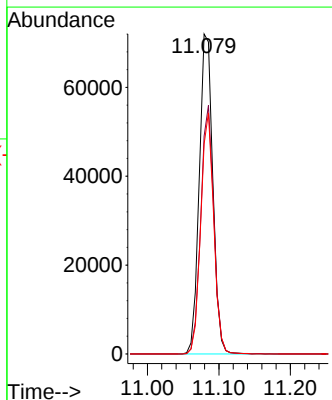
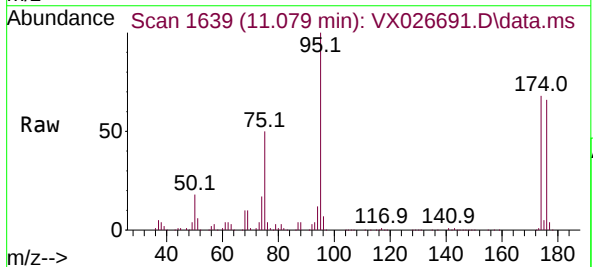
Instrument :
MSVOA_X
ClientSampleId :
MH-3S

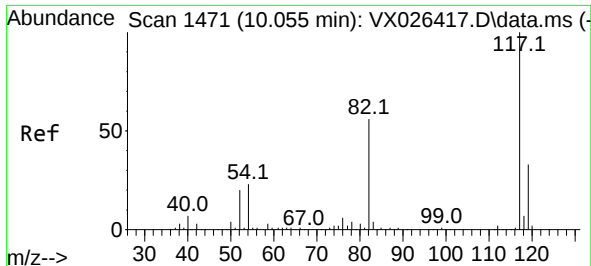
Tgt Ion: 43 Resp: 153006
Ion Ratio Lower Upper
43 100
58 18.3 26.4 79.2#



#62
4-Bromofluorobenzene
Concen: 53.113 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX026691.D
Acq: 31 Jan 2022 19:22

Tgt Ion: 95 Resp: 94751
Ion Ratio Lower Upper
95 100
174 74.9 0.0 148.6
176 72.1 0.0 141.4

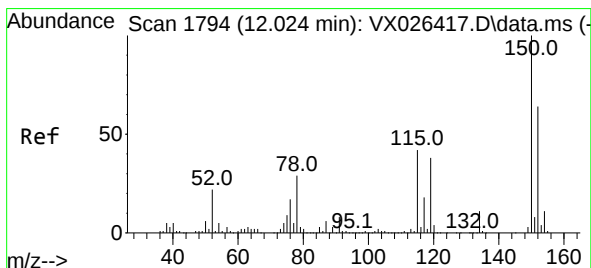
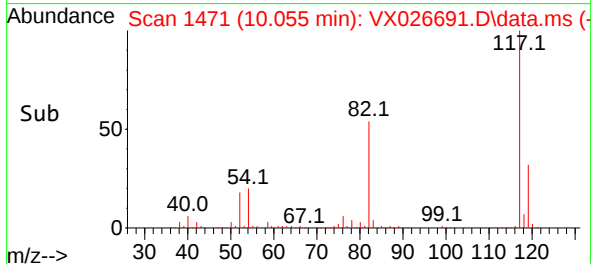
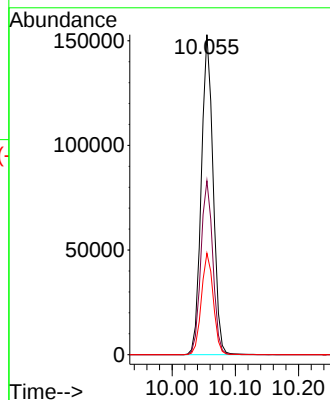
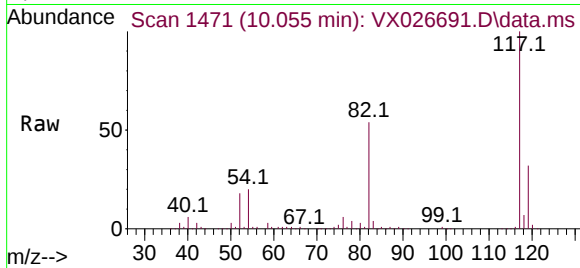




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX026691.D
Acq: 31 Jan 2022 19:22

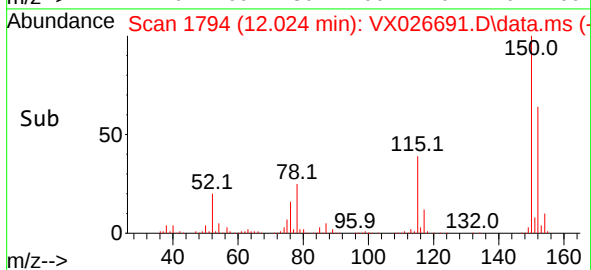
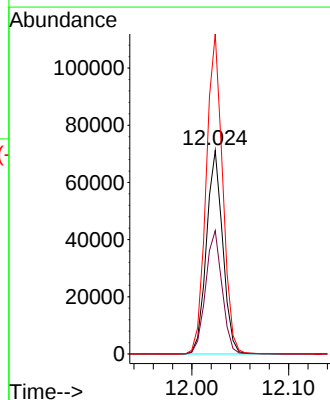
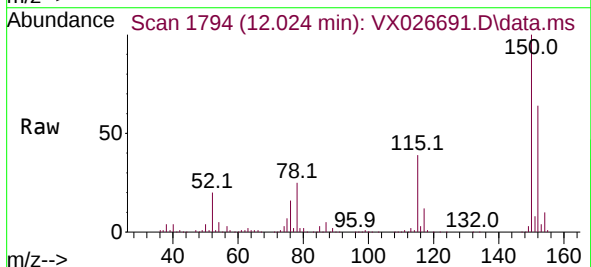
Instrument :
MSVOA_X
ClientSampleId :
MH-3S

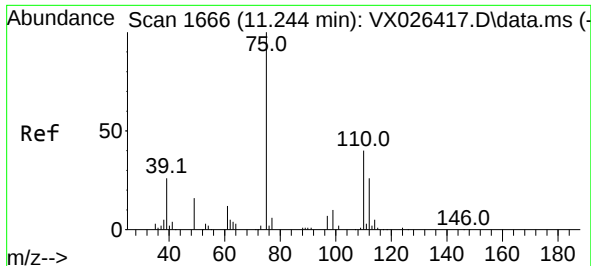
Tgt Ion:117 Resp: 198777
Ion Ratio Lower Upper
117 100
82 54.4 45.2 67.8
119 31.7 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX026691.D
Acq: 31 Jan 2022 19:22

Tgt Ion:152 Resp: 83427
Ion Ratio Lower Upper
152 100
115 61.3 44.2 132.6
150 159.0 0.0 348.2

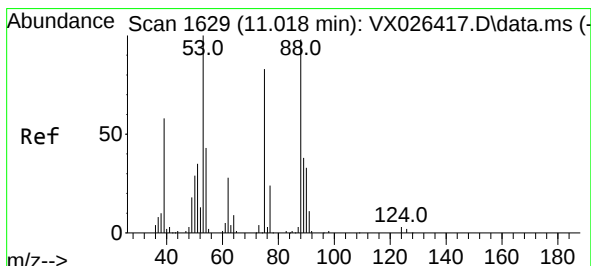
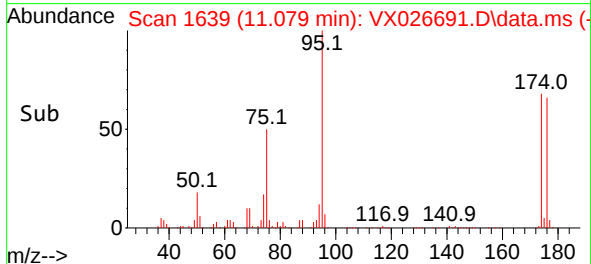
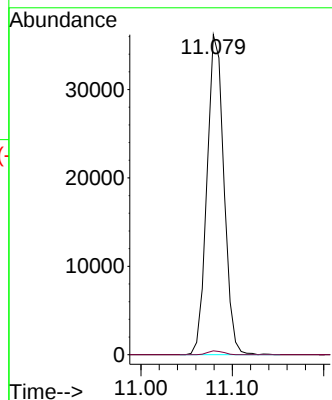
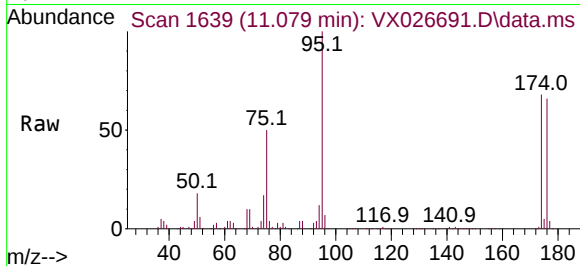




#76
1,2,3-Trichloropropane
Concen: 25.311 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX026691.D
Acq: 31 Jan 2022 19:22

Instrument :
MSVOA_X
ClientSampleId :
MH-3S

Tgt Ion: 75 Resp: 46493
Ion Ratio Lower Upper
75 100
77 1.1 18.3 54.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 76.873 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX026691.D
Acq: 31 Jan 2022 19:22

Tgt Ion: 75 Resp: 46493
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#

