

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030723\
 Data File : VX034368.D
 Acq On : 07 Mar 2023 13:24
 Operator : JC/MD
 Sample : 01825-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 HH-TP3-0306

Quant Time: Mar 08 01:01:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 17 12:33:35 2023
 Response via : Initial Calibration

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

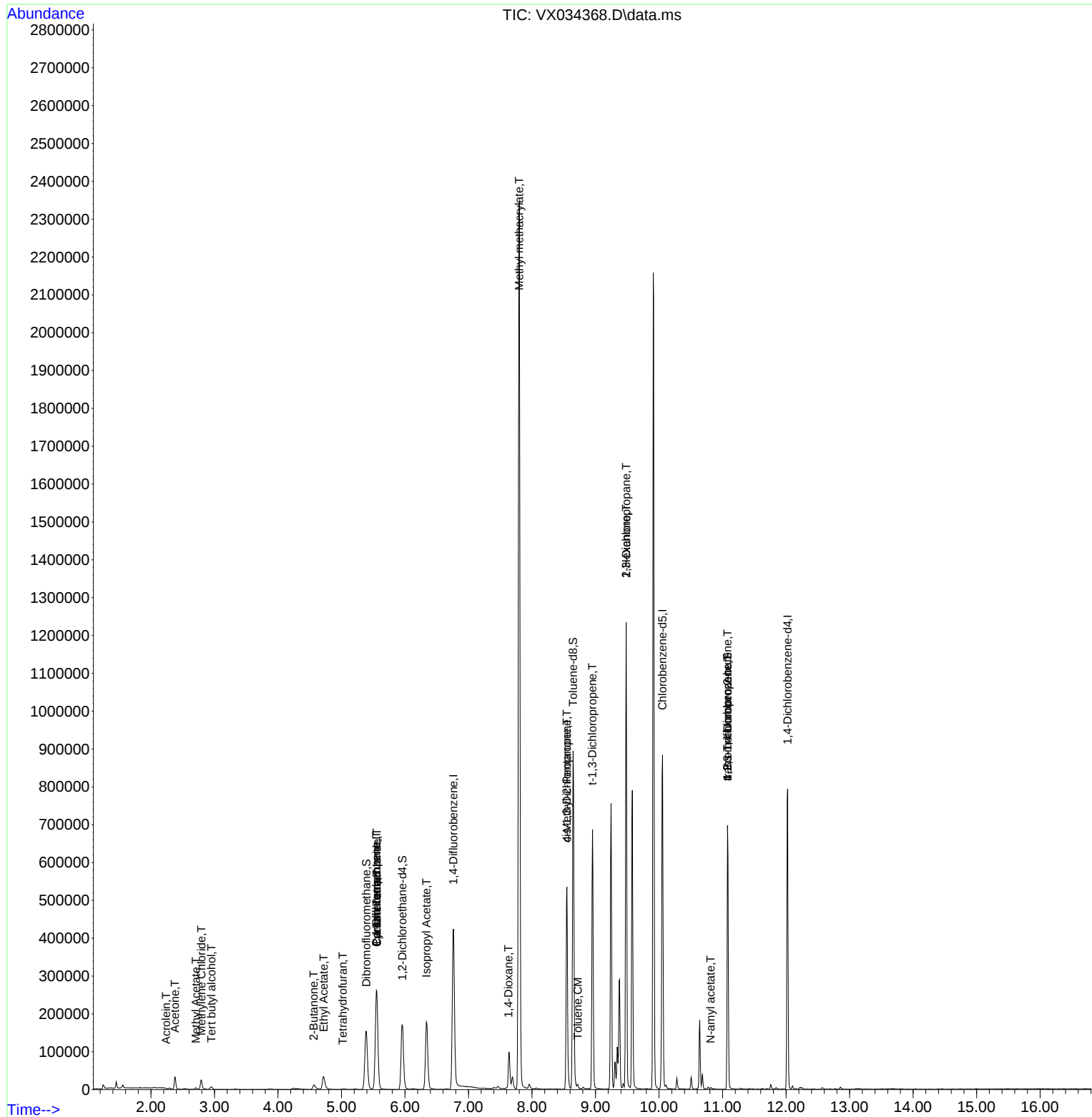
Internal Standards						
1) Pentafluorobenzene	5.550	168	256423	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	432967	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	389999	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	166816	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	163555	47.360	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.720%
35) Dibromofluoromethane	5.391	113	137527	48.785	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.580%
50) Toluene-d8	8.647	98	526540	52.023	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	104.040%
62) 4-Bromofluorobenzene	11.079	95	182107	47.038	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.080%
Target Compounds						
					Qvalue	
5) Bromomethane	1.605	94	231	Below Cal	#	53
11) Tert butyl alcohol	2.953	59	6336	8.203	ug/l #	90
13) Acrolein	2.239	56	186	0.528	ug/l #	14
16) Acetone	2.380	43	35788	20.089	ug/l	91
18) Methyl Acetate	2.709	43	4953	0.899	ug/l	95
20) Methylene Chloride	2.794	84	12059	3.757	ug/l	96
25) 2-Butanone	4.562	43	21110	8.190	ug/l	94
29) Tetrahydrofuran	5.019	42	834	0.530	ug/l #	72
31) Cyclohexane	5.556	56	5907	1.146	ug/l #	26
36) 1,1-Dichloropropene	5.550	75	19779	4.744	ug/l #	48
37) Ethyl Acetate	4.721	43	61048	13.102	ug/l	99
38) Carbon Tetrachloride	5.556	117	24970	5.820	ug/l #	14
43) Isopropyl Acetate	6.336	43	257647	31.336	ug/l	99
48) Methyl methacrylate	7.799	41	200236	51.309	ug/l #	46
49) 1,4-Dioxane	7.629	88	30	0.385	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	186876	41.311	ug/l #	49
52) Toluene	8.720	92	2942	0.393	ug/l	97
53) t-1,3-Dichloropropene	8.952	75	1358	0.266	ug/l #	43
54) cis-1,3-Dichloropropene	8.549	75	85358	15.594	ug/l #	59
57) 1,3-Dichloropropane	9.482	76	10740	2.043	ug/l #	43
59) 2-Hexanone	9.482	43	142895	41.449	ug/l #	50
74) N-amyl acetate	10.811	43	1749	0.274	ug/l #	46
76) 1,2,3-Trichloropropane	11.079	75	93503	22.276	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	93503	57.224	ug/l #	8

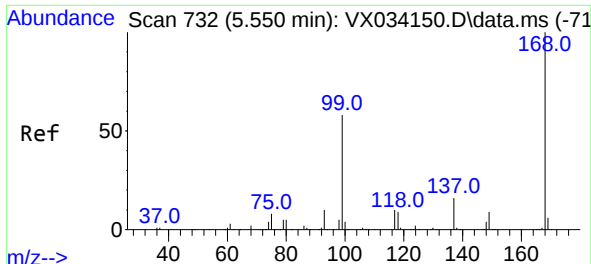
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030723\
Data File : VX034368.D
Acq On : 07 Mar 2023 13:24
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Sample : 01825-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
HH-TP3-0306

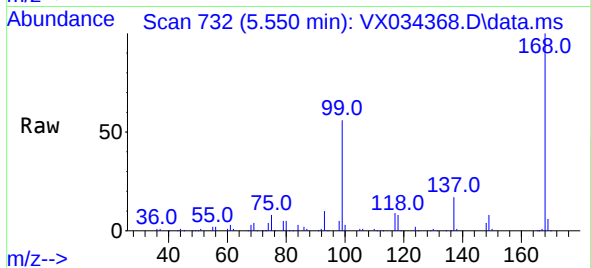
Quant Time: Mar 08 01:01:58 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 17 12:33:35 2023
Response via : Initial Calibration



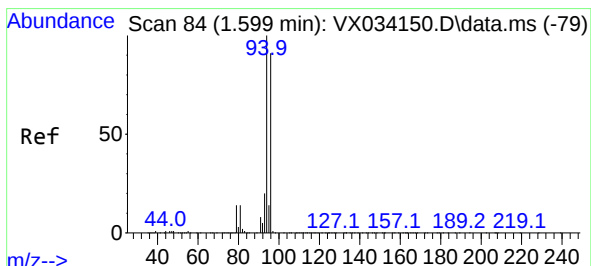
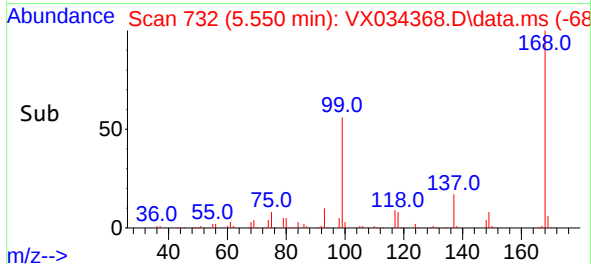
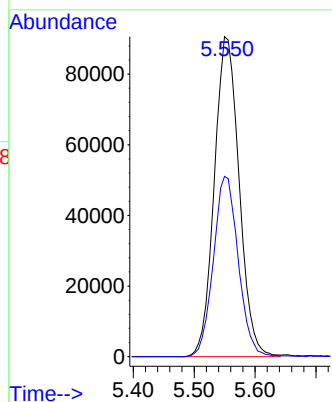


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX034368.D
Acq: 07 Mar 2023 13:24

Instrument :
MSVOA_X
ClientSampleId :
HH-TP3-0306

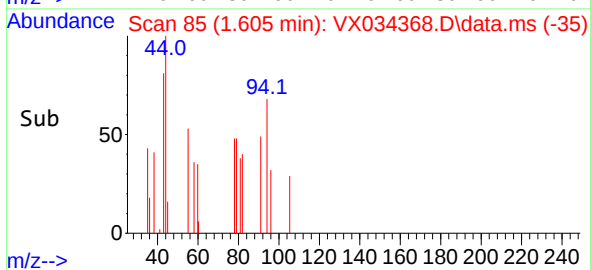
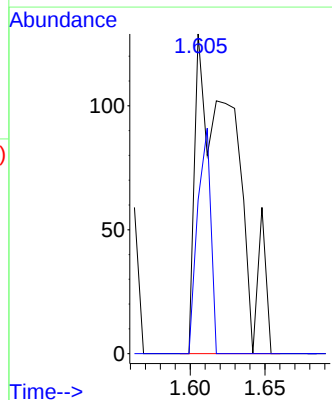
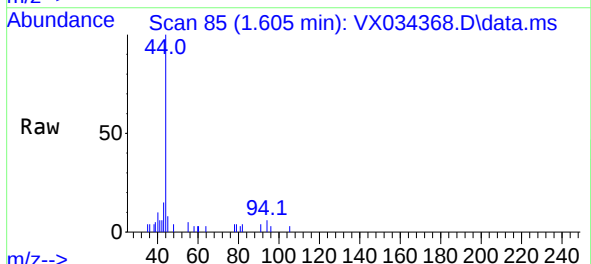


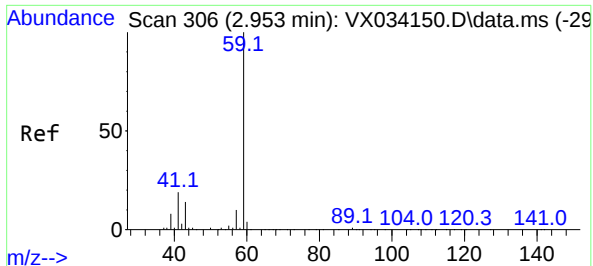
Tgt Ion:168 Resp: 256423
Ion Ratio Lower Upper
168 100
99 56.4 39.6 59.4



#5
Bromomethane
Concen: Below Cal
RT: 1.605 min Scan# 85
Delta R.T. 0.006 min
Lab File: VX034368.D
Acq: 07 Mar 2023 13:24

Tgt Ion: 94 Resp: 231
Ion Ratio Lower Upper
94 100
96 48.1 74.3 111.5#

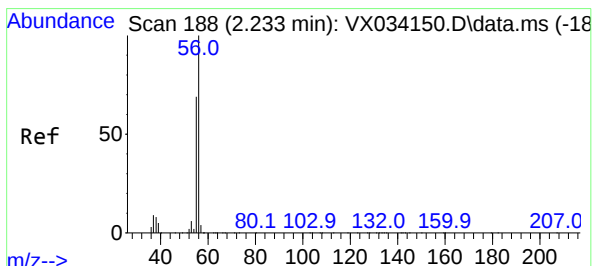
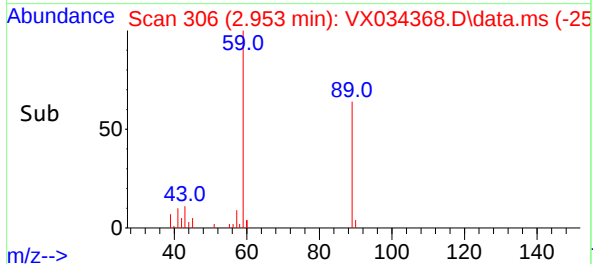
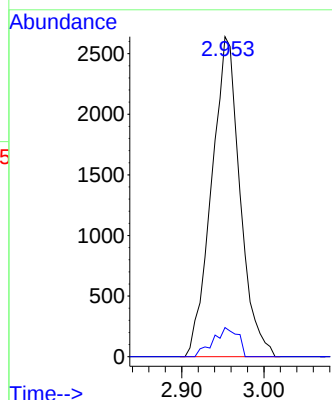
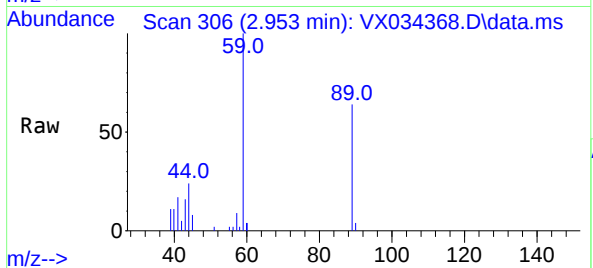




#11
Tert butyl alcohol
Concen: 8.203 ug/l
RT: 2.953 min Scan# 306
Delta R.T. 0.000 min
Lab File: VX034368.D
Acq: 07 Mar 2023 13:24

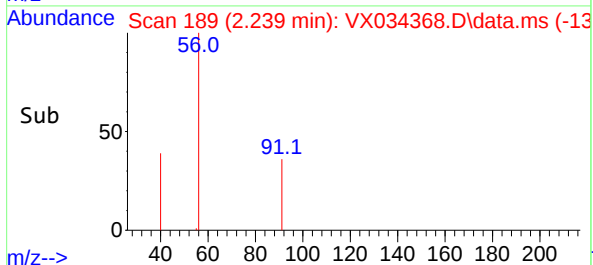
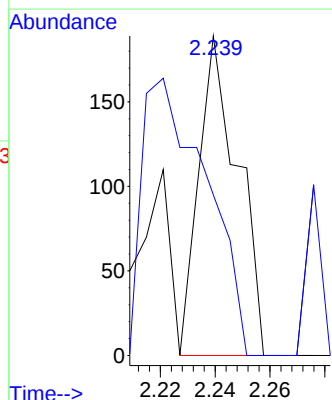
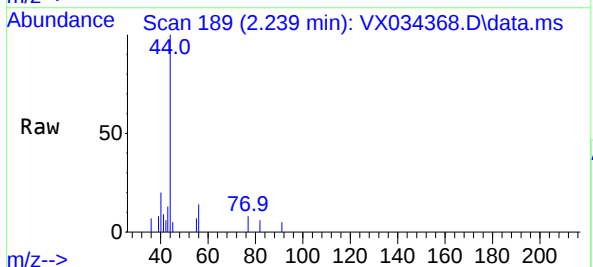
Instrument :
MSVOA_X
ClientSampleId :
HH-TP3-0306

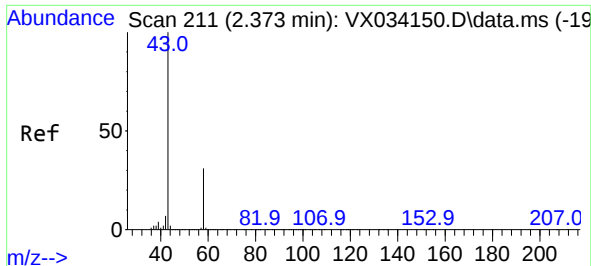
Tgt Ion: 59 Resp: 6336
Ion Ratio Lower Upper
59 100
57 7.9 3.7 5.5#



#13
Acrolein
Concen: 0.528 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.006 min
Lab File: VX034368.D
Acq: 07 Mar 2023 13:24

Tgt Ion: 56 Resp: 186
Ion Ratio Lower Upper
56 100
55 0.0 56.3 84.5#

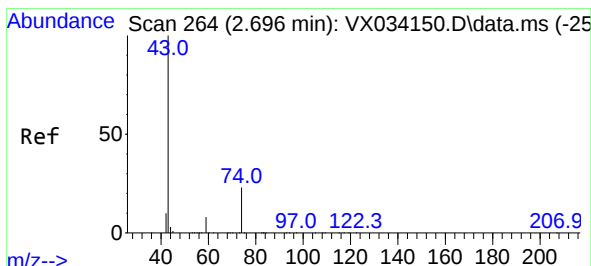
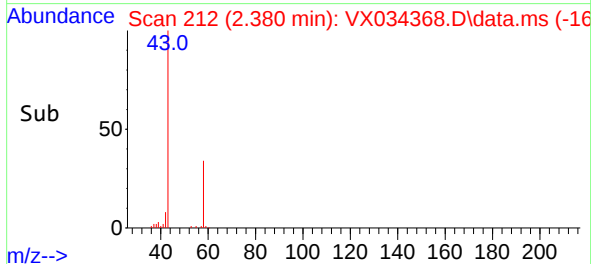
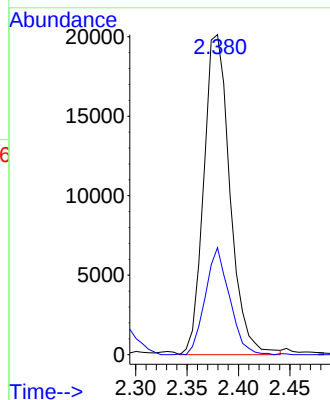
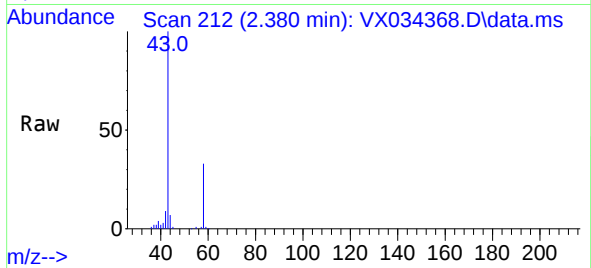




#16
Acetone
Concen: 20.089 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX034368.D
Acq: 07 Mar 2023 13:24

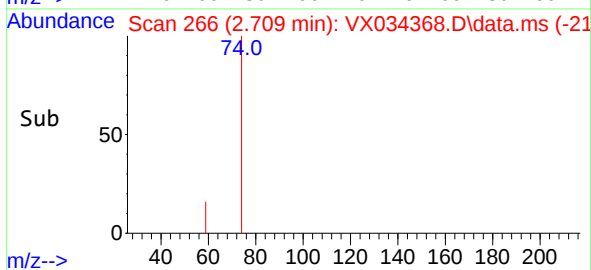
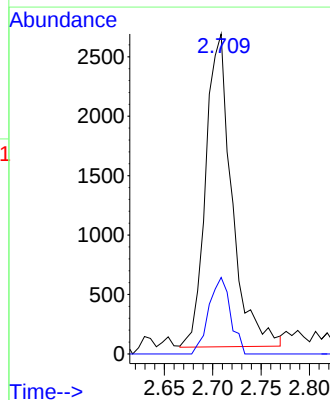
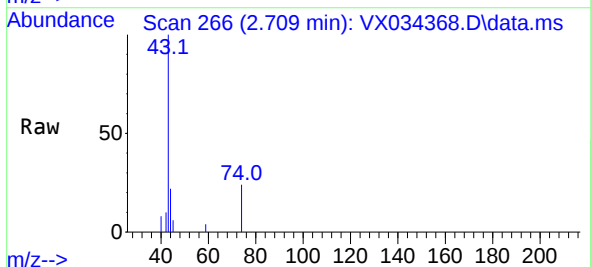
Instrument :
MSVOA_X
ClientSampleId :
HH-TP3-0306

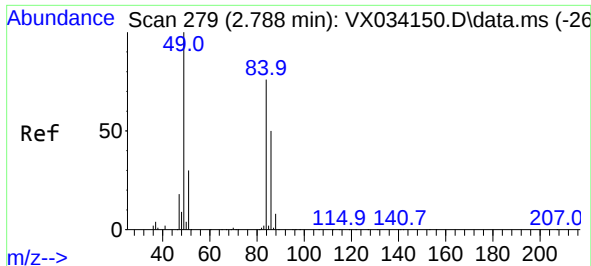
Tgt Ion: 43 Resp: 35788
Ion Ratio Lower Upper
43 100
58 33.2 22.6 33.8



#18
Methyl Acetate
Concen: 0.899 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.012 min
Lab File: VX034368.D
Acq: 07 Mar 2023 13:24

Tgt Ion: 43 Resp: 4953
Ion Ratio Lower Upper
43 100
74 20.2 18.2 27.4



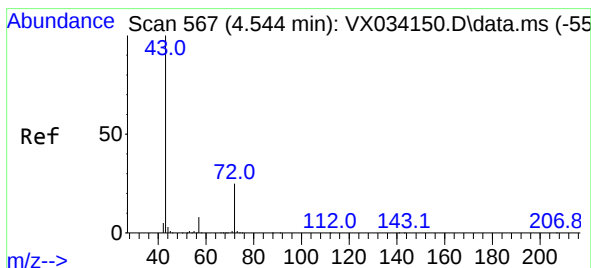
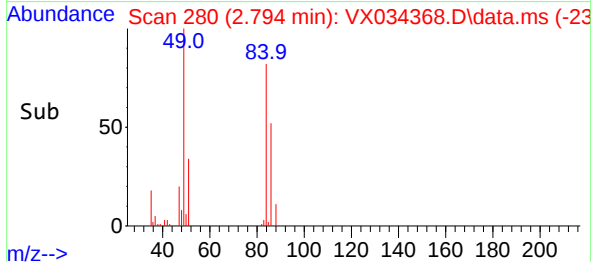
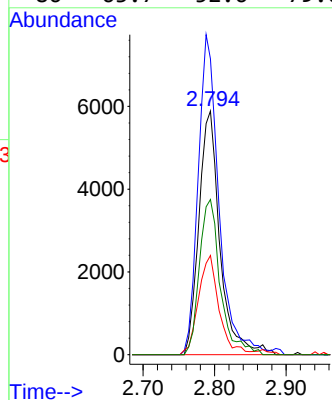
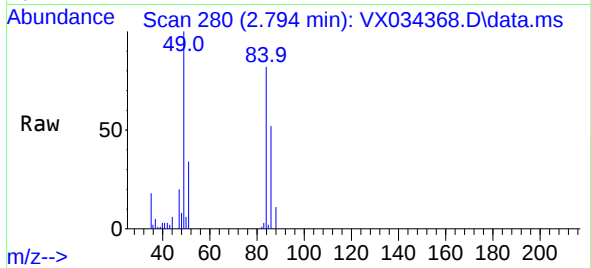


#20
Methylene Chloride
Concen: 3.757 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX034368.D
Acq: 07 Mar 2023 13:24

Instrument :
MSVOA_X
ClientSampleId :
HH-TP3-0306

Tgt Ion: 84 Resp: 12059

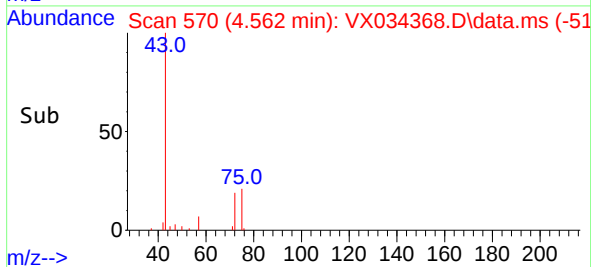
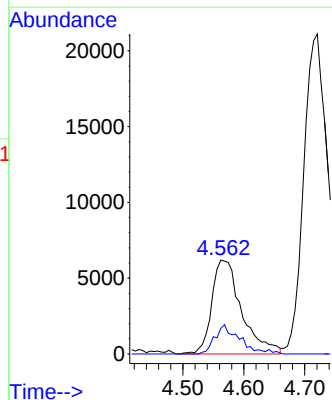
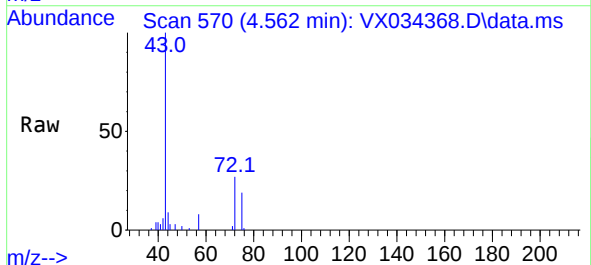
Ion	Ratio	Lower	Upper
84	100		
49	121.4	101.1	151.7
51	40.7	31.0	46.6
86	63.7	52.6	79.0

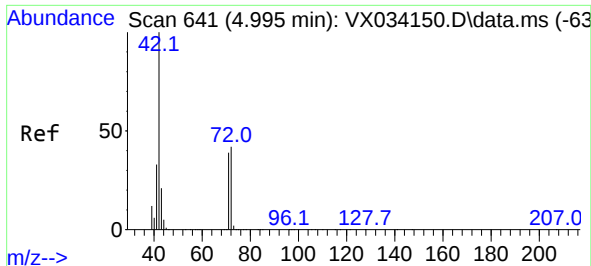


#25
2-Butanone
Concen: 8.190 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.018 min
Lab File: VX034368.D
Acq: 07 Mar 2023 13:24

Tgt Ion: 43 Resp: 21110

Ion	Ratio	Lower	Upper
43	100		
72	27.3	19.4	29.2

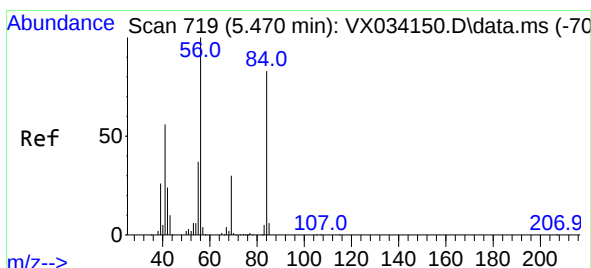
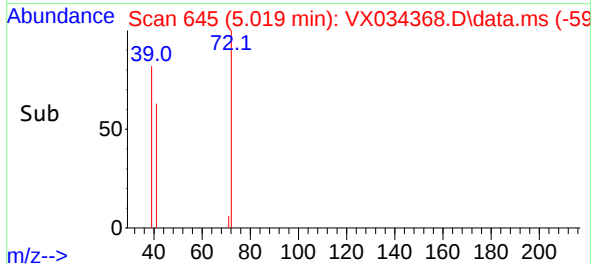
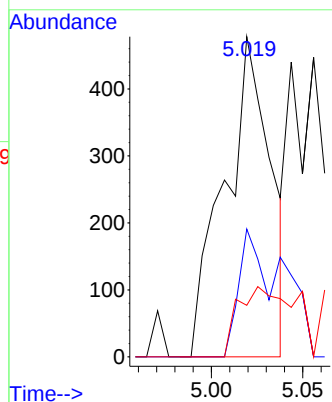
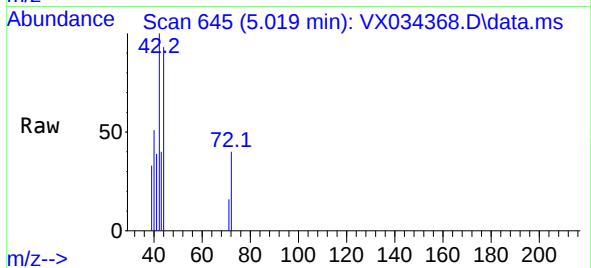




#29
Tetrahydrofuran
Concen: 0.530 ug/l
RT: 5.019 min Scan# 641
Delta R.T. 0.024 min
Lab File: VX034368.D
Acq: 07 Mar 2023 13:24

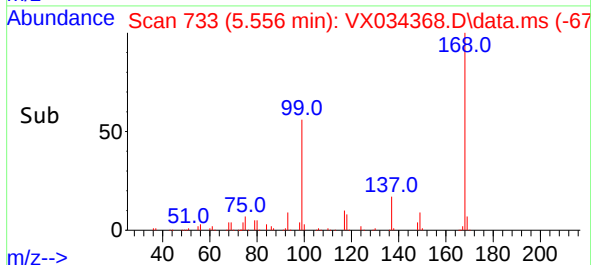
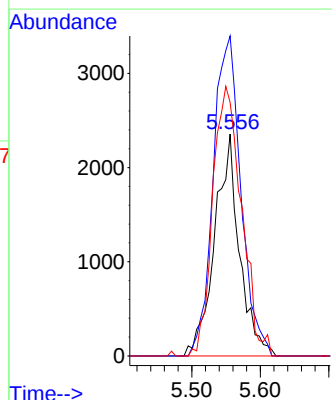
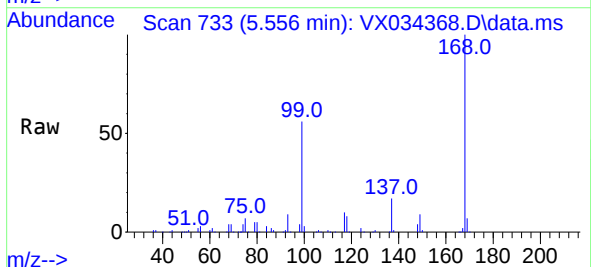
Instrument :
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ClientSampleId :
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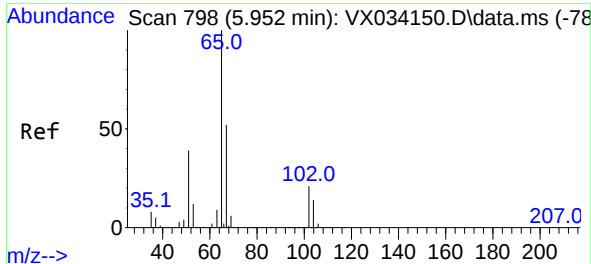
Tgt Ion: 42 Resp: 834
Ion Ratio Lower Upper
42 100
72 21.8 34.8 52.2#
71 27.1 32.2 48.2#



#31
Cyclohexane
Concen: 1.146 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.085 min
Lab File: VX034368.D
Acq: 07 Mar 2023 13:24

Tgt Ion: 56 Resp: 5907
Ion Ratio Lower Upper
56 100
69 144.2 24.6 37.0#
84 114.3 71.0 106.6#

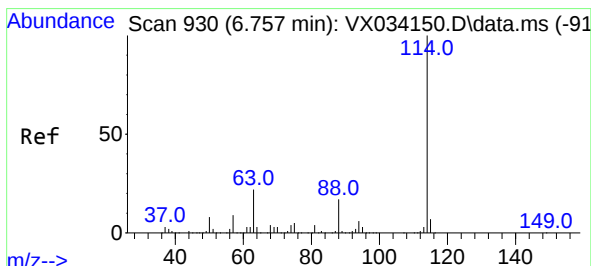
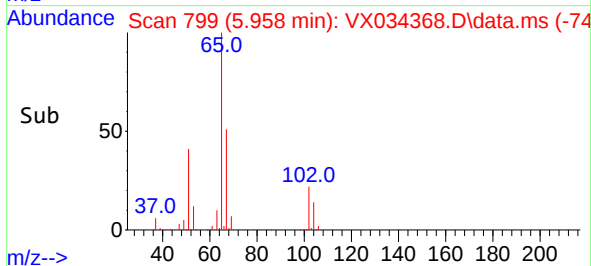
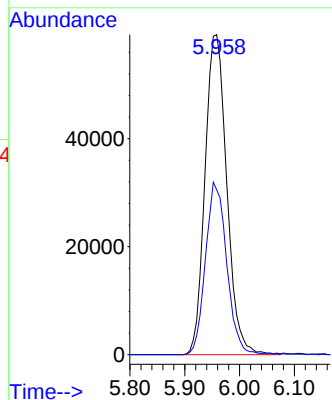
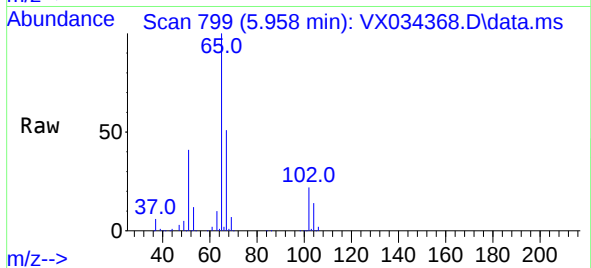




#33
1,2-Dichloroethane-d4
Concen: 47.360 ug/l
RT: 5.958 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX034368.D
Acq: 07 Mar 2023 13:24

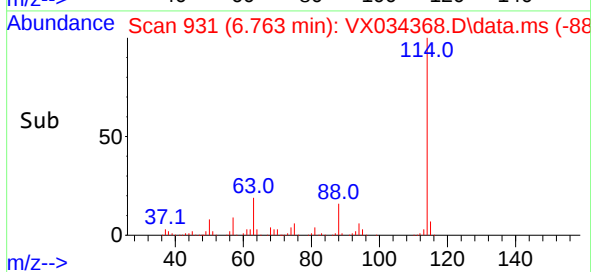
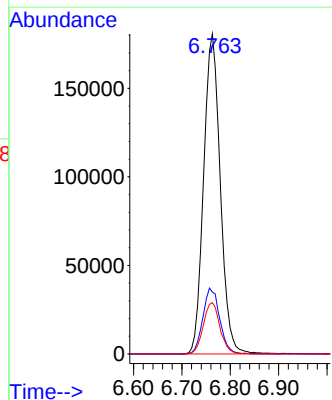
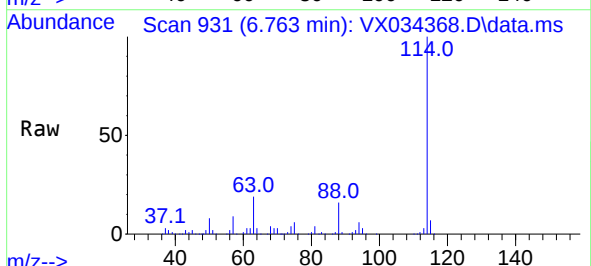
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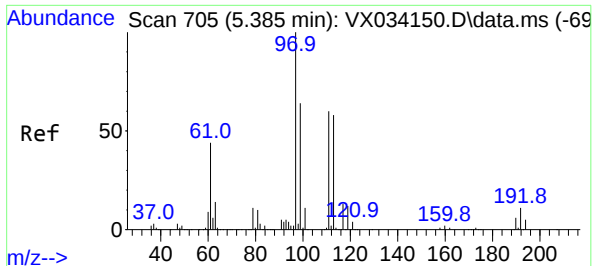
Tgt Ion: 65 Resp: 163555
Ion Ratio Lower Upper
65 100
67 52.7 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.006 min
Lab File: VX034368.D
Acq: 07 Mar 2023 13:24

Tgt Ion: 114 Resp: 432967
Ion Ratio Lower Upper
114 100
63 19.4 0.0 37.4
88 16.1 0.0 30.6





#35

Dibromofluoromethane

Concen: 48.785 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX034368.D

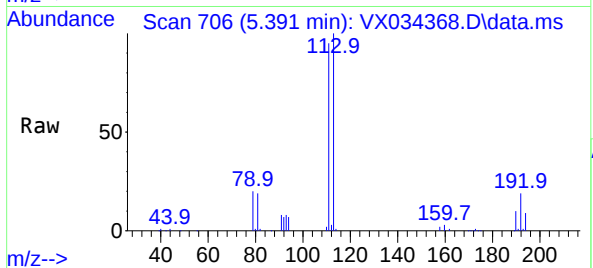
Acq: 07 Mar 2023 13:24

Instrument :

MSVOA_X

ClientSampleId :

HH-TP3-0306



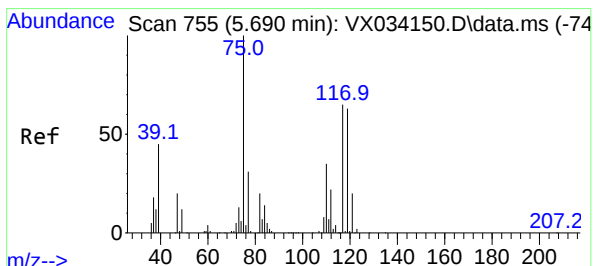
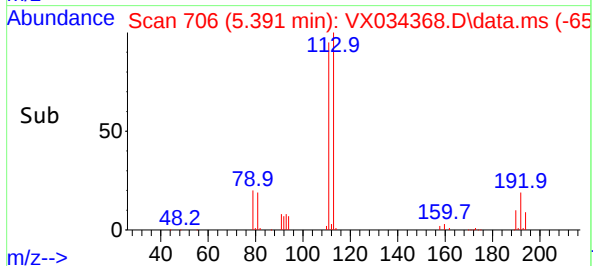
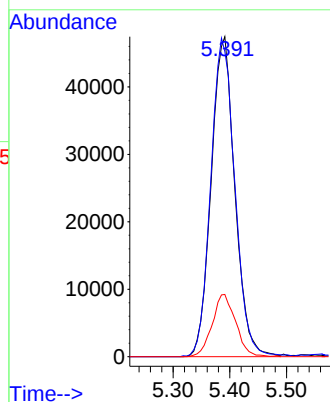
Tgt Ion:113 Resp: 137527

Ion Ratio Lower Upper

113 100

111 101.3 83.0 124.6

192 19.3 19.0 28.4



#36

1,1-Dichloropropene

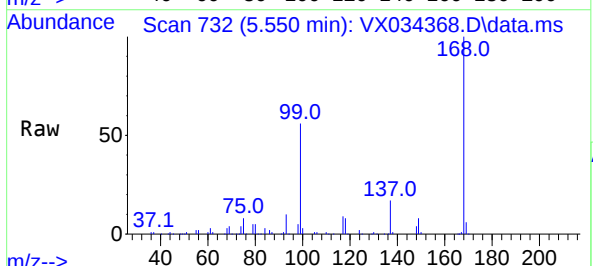
Concen: 4.744 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.140 min

Lab File: VX034368.D

Acq: 07 Mar 2023 13:24



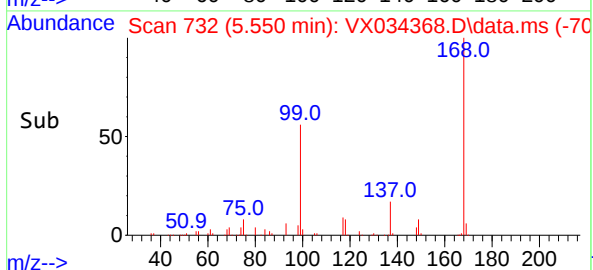
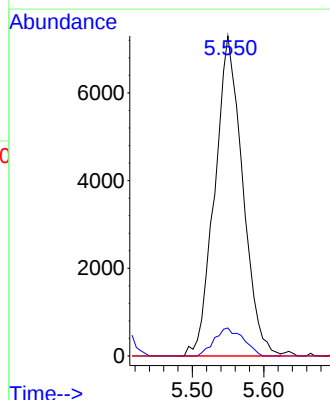
Tgt Ion: 75 Resp: 19779

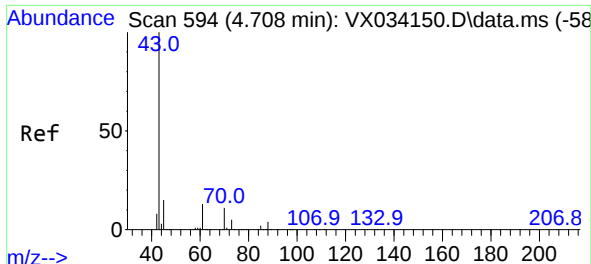
Ion Ratio Lower Upper

75 100

110 9.0 18.8 56.4#

77 0.0 25.1 37.7#





#37

Ethyl Acetate

Concen: 13.102 ug/l

RT: 4.721 min Scan# 51

Delta R.T. 0.012 min

Lab File: VX034368.D

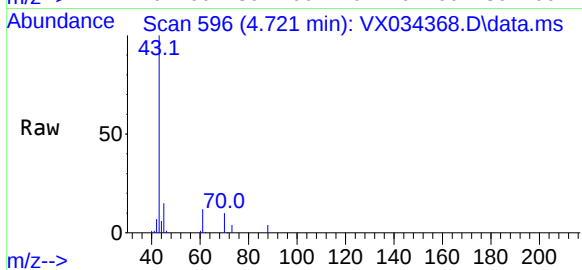
Acq: 07 Mar 2023 13:24

Instrument :

MSVOA_X

ClientSampleId :

HH-TP3-0306



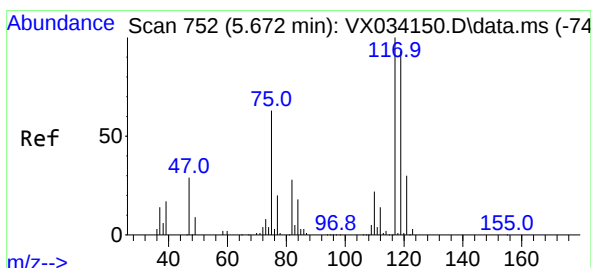
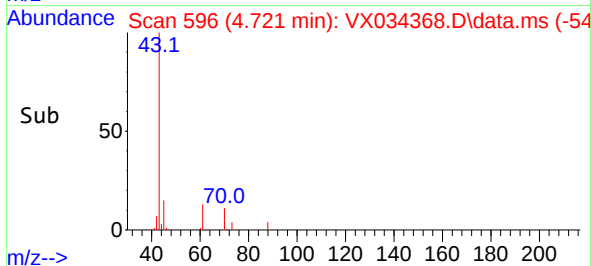
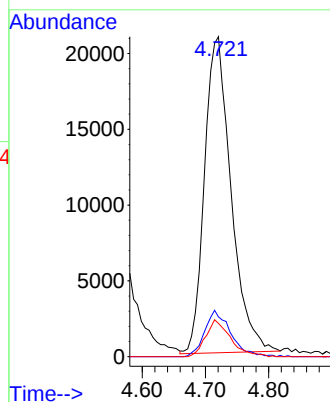
Tgt Ion: 43 Resp: 61048

Ion Ratio Lower Upper

43 100

61 14.3 11.1 16.7

70 11.0 8.5 12.7



#38

Carbon Tetrachloride

Concen: 5.820 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.116 min

Lab File: VX034368.D

Acq: 07 Mar 2023 13:24

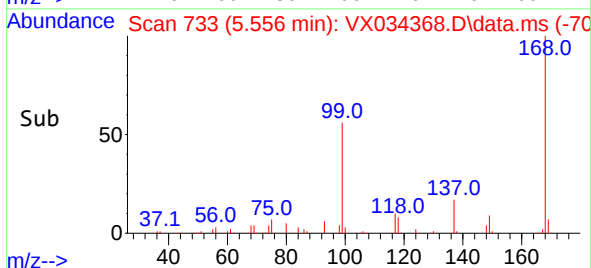
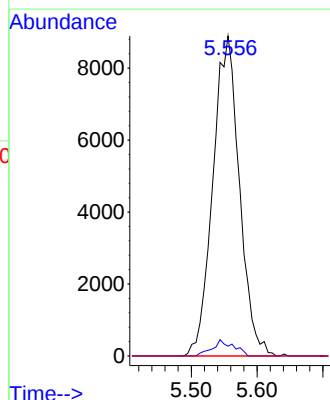
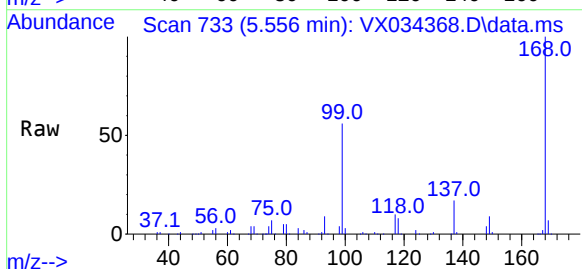
Tgt Ion: 117 Resp: 24970

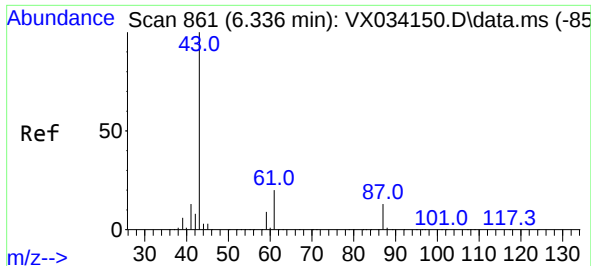
Ion Ratio Lower Upper

117 100

119 3.0 78.0 117.0#

121 0.0 24.4 36.6#

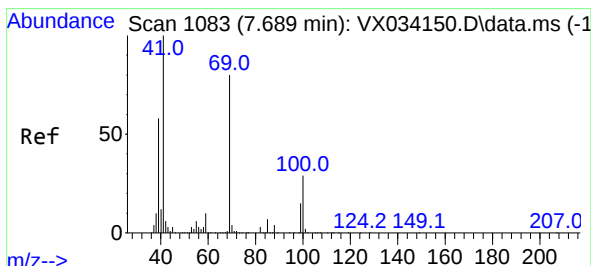
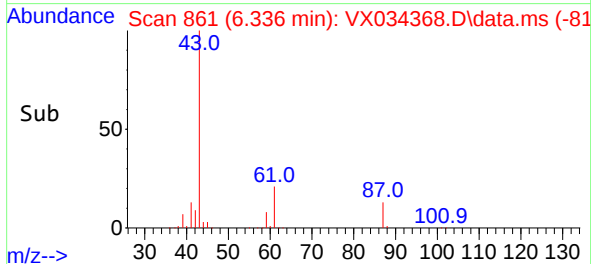
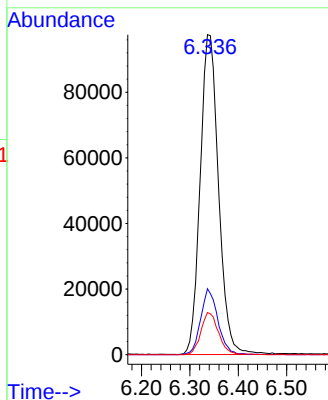
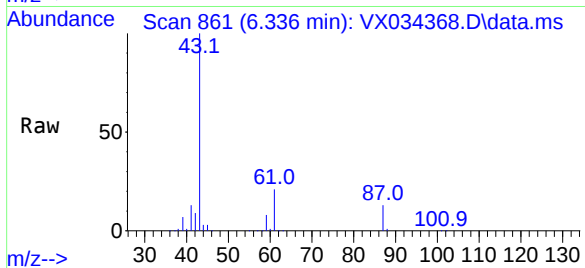




#43
Isopropyl Acetate
Concen: 31.336 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX034368.D
Acq: 07 Mar 2023 13:24

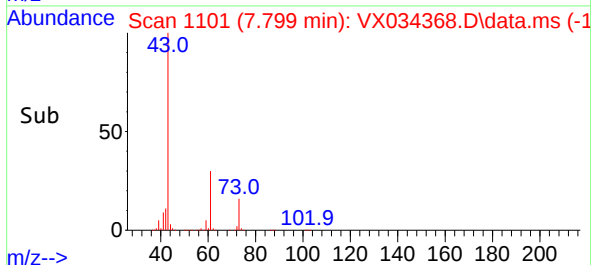
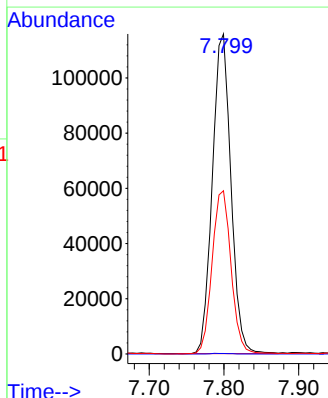
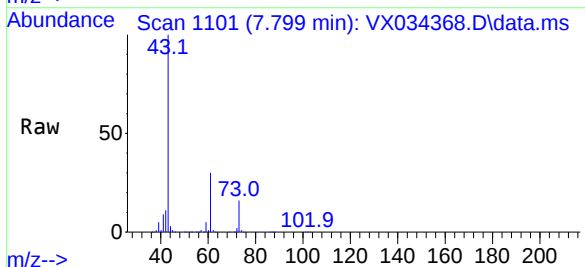
Instrument :
MSVOA_X
ClientSampleId :
HH-TP3-0306

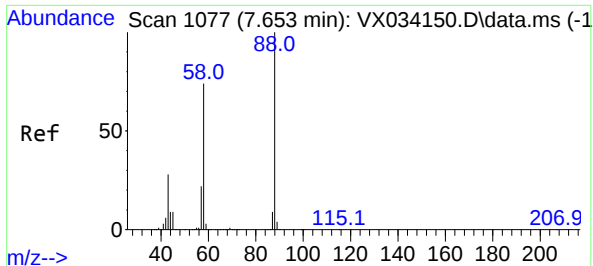
Tgt Ion: 43 Resp: 257647
Ion Ratio Lower Upper
43 100
61 19.3 15.7 23.5
87 12.7 10.6 15.8



#48
Methyl methacrylate
Concen: 51.309 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.110 min
Lab File: VX034368.D
Acq: 07 Mar 2023 13:24

Tgt Ion: 41 Resp: 200236
Ion Ratio Lower Upper
41 100
69 0.2 63.1 94.7#
39 52.5 43.2 64.8

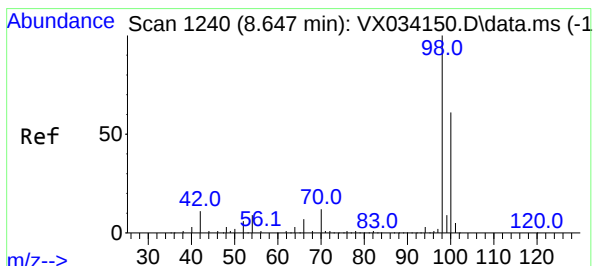
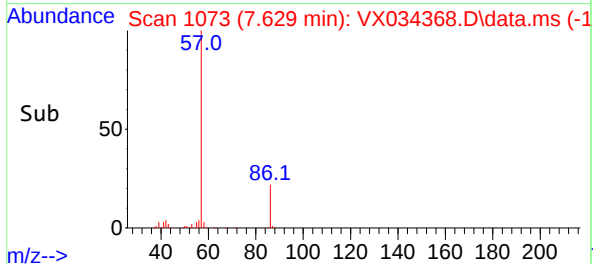
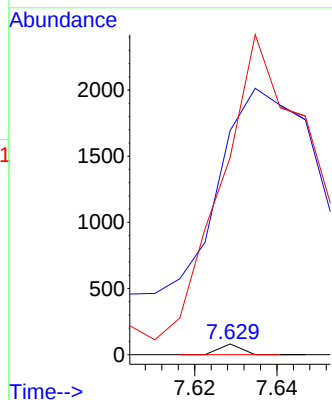
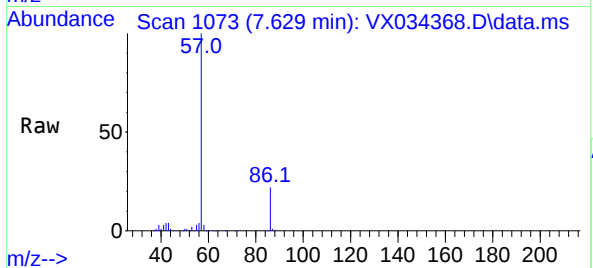




#49
1,4-Dioxane
Concen: 0.385 ug/l
RT: 7.629 min Scan# 1073
Delta R.T. -0.024 min
Lab File: VX034368.D
Acq: 07 Mar 2023 13:24

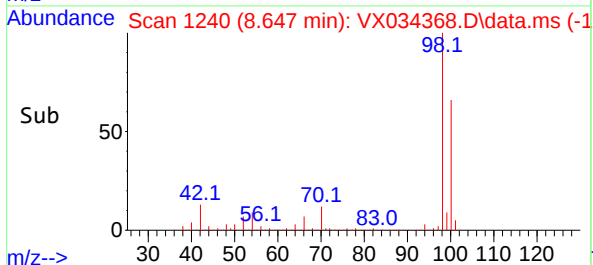
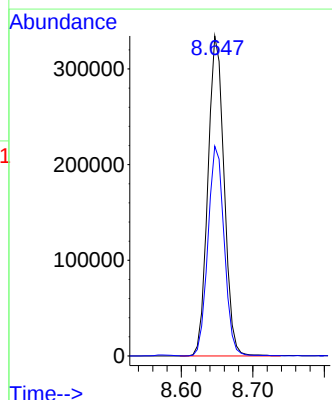
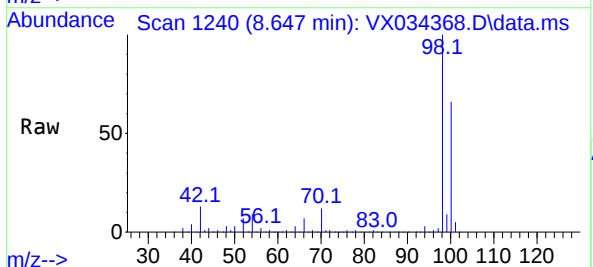
Instrument :
MSVOA_X
ClientSampleId :
HH-TP3-0306

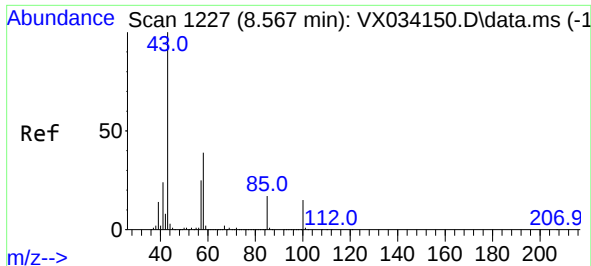
Tgt Ion: 88 Resp: 30
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 14666.7 56.5 84.7#



#50
Toluene-d8
Concen: 52.023 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX034368.D
Acq: 07 Mar 2023 13:24

Tgt Ion: 98 Resp: 526540
Ion Ratio Lower Upper
98 100
100 65.8 53.6 80.4





#51

4-Methyl-2-Pentanone

Concen: 41.311 ug/l

RT: 8.549 min Scan# 11

Delta R.T. -0.018 min

Lab File: VX034368.D

Acq: 07 Mar 2023 13:24

Instrument :

MSVOA_X

ClientSampleId :

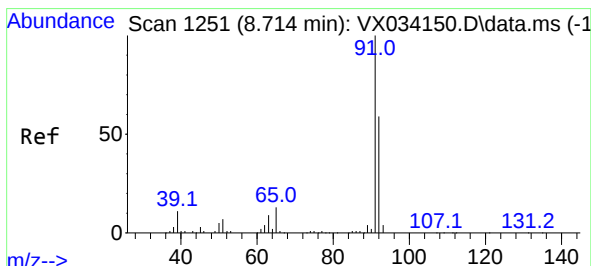
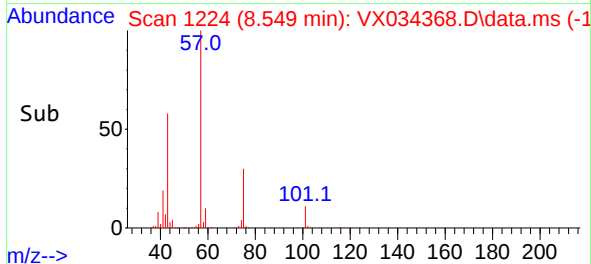
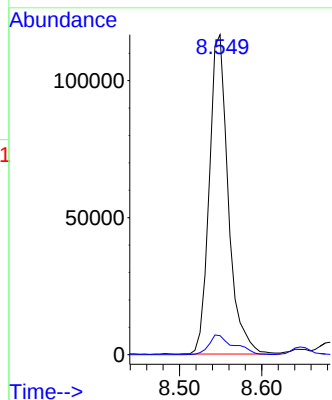
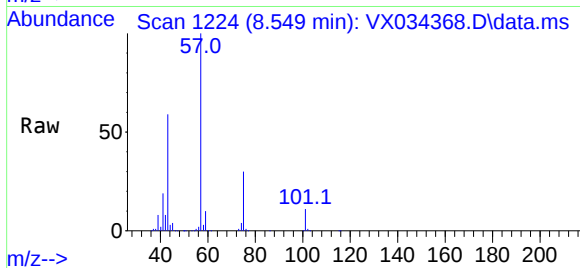
HH-TP3-0306

Tgt Ion: 43 Resp: 186876

Ion Ratio Lower Upper

43 100

58 8.2 31.2 46.8#



#52

Toluene

Concen: 0.393 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.006 min

Lab File: VX034368.D

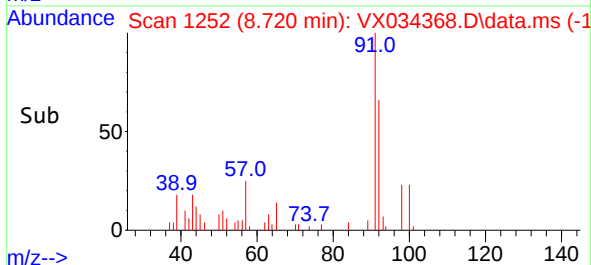
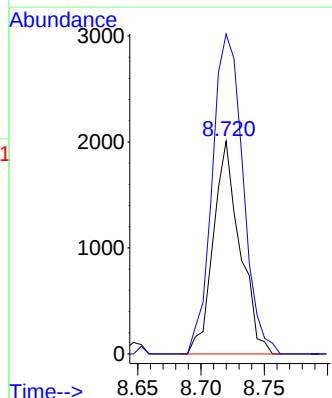
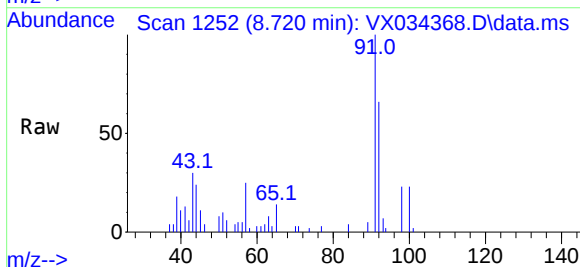
Acq: 07 Mar 2023 13:24

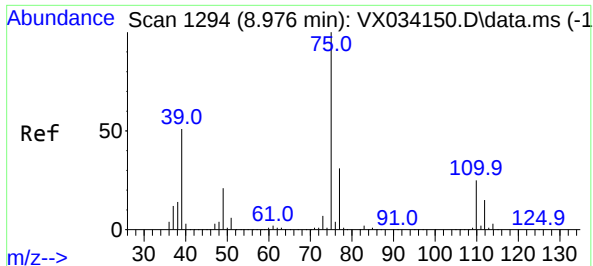
Tgt Ion: 92 Resp: 2942

Ion Ratio Lower Upper

92 100

91 173.8 135.5 203.3

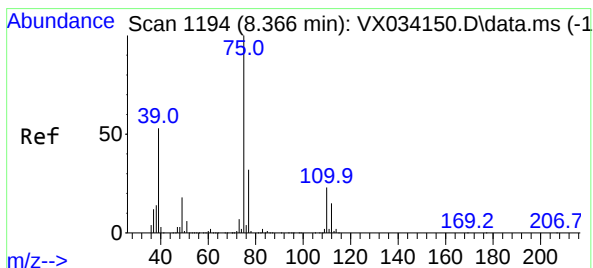
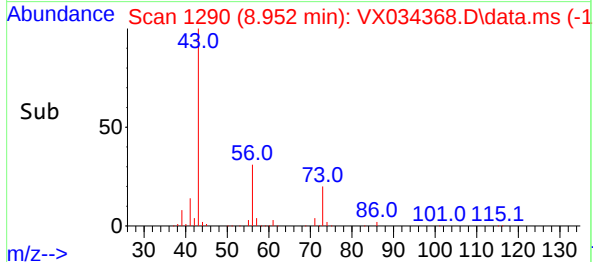
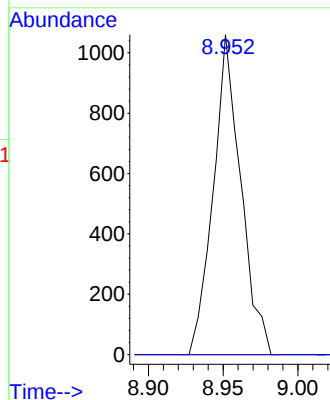
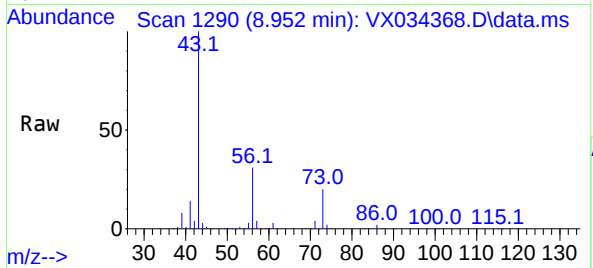




#53
t-1,3-Dichloropropene
Concen: 0.266 ug/l
RT: 8.952 min Scan# 1124
Delta R.T. -0.024 min
Lab File: VX034368.D
Acq: 07 Mar 2023 13:24

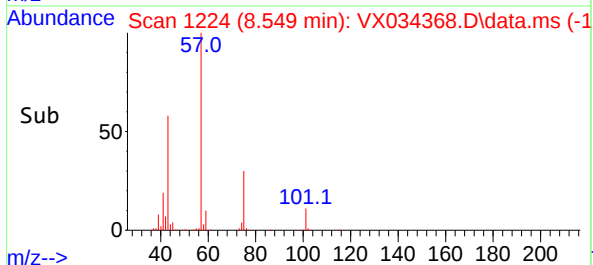
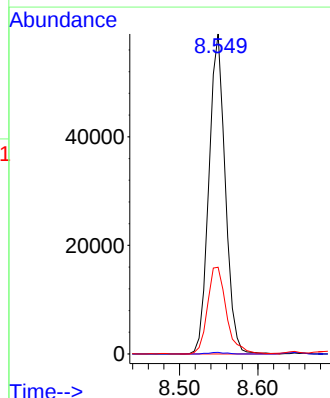
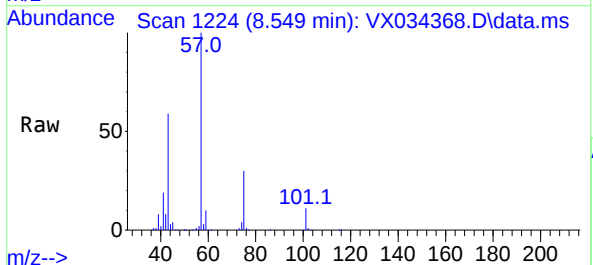
Instrument :
MSVOA_X
ClientSampleId :
HH-TP3-0306

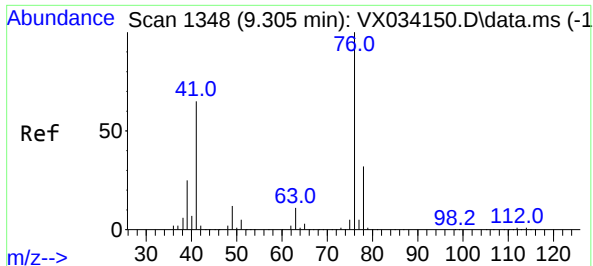
Tgt Ion: 75 Resp: 1358
Ion Ratio Lower Upper
75 100
77 0.0 25.5 38.3#



#54
cis-1,3-Dichloropropene
Concen: 15.594 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. 0.183 min
Lab File: VX034368.D
Acq: 07 Mar 2023 13:24

Tgt Ion: 75 Resp: 85358
Ion Ratio Lower Upper
75 100
77 0.5 25.0 37.6#
39 27.1 38.6 58.0#

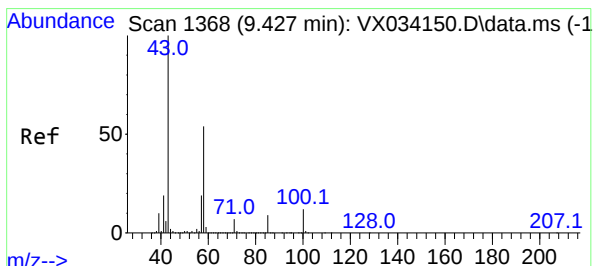
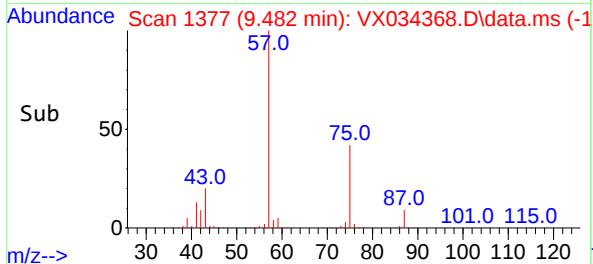
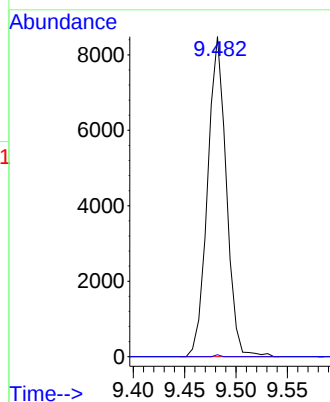
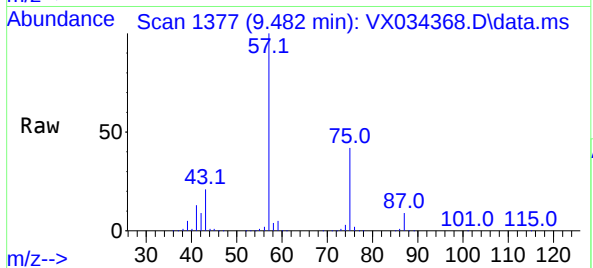




#57
1,3-Dichloropropane
Concen: 2.043 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.177 min
Lab File: VX034368.D
Acq: 07 Mar 2023 13:24

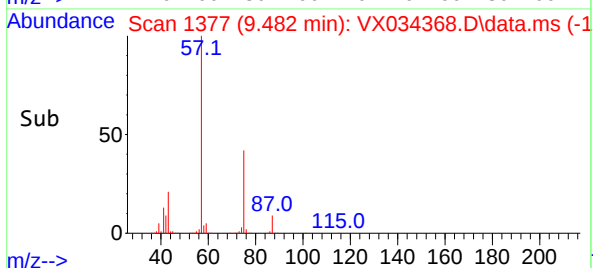
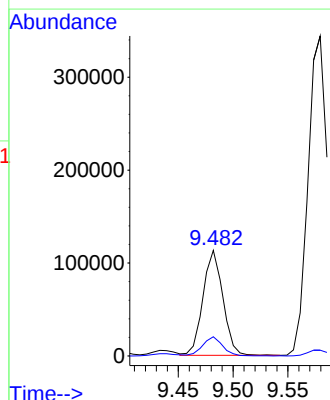
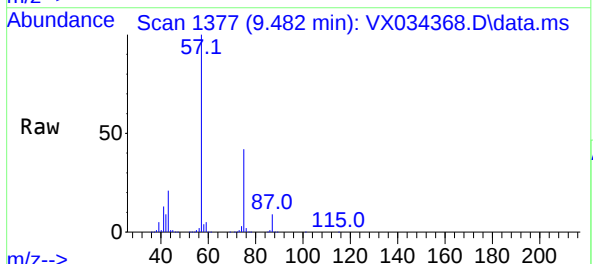
Instrument :
MSVOA_X
ClientSampleId :
HH-TP3-0306

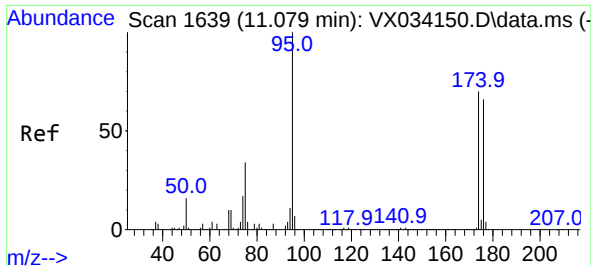
Tgt Ion: 76 Resp: 10740
Ion Ratio Lower Upper
76 100
78 0.2 25.6 38.4#



#59
2-Hexanone
Concen: 41.449 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.055 min
Lab File: VX034368.D
Acq: 07 Mar 2023 13:24

Tgt Ion: 43 Resp: 142895
Ion Ratio Lower Upper
43 100
58 18.4 27.4 82.0#

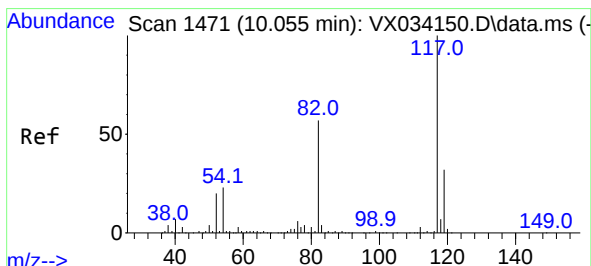
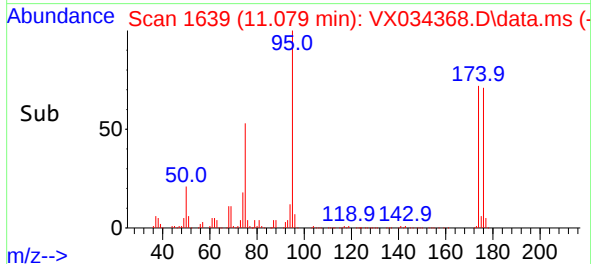
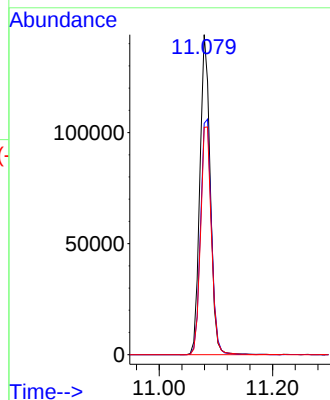
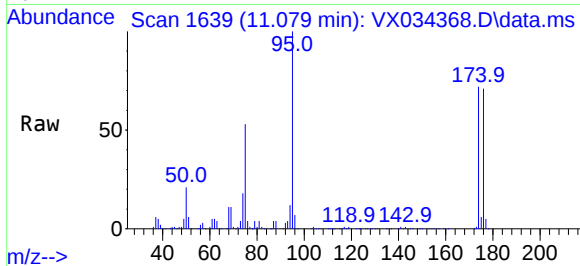




#62
4-Bromofluorobenzene
Concen: 47.038 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034368.D
Acq: 07 Mar 2023 13:24

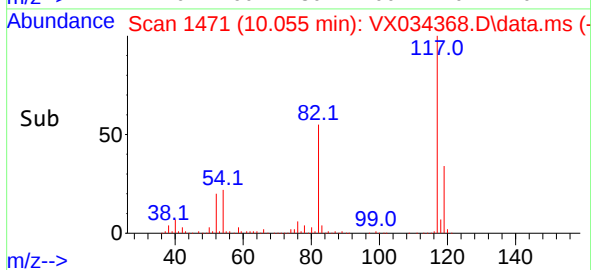
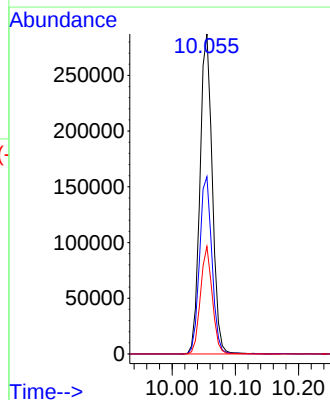
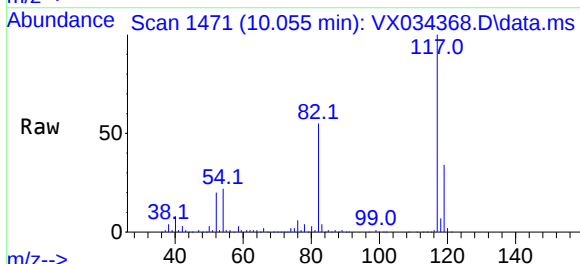
Instrument :
MSVOA_X
ClientSampleId :
HH-TP3-0306

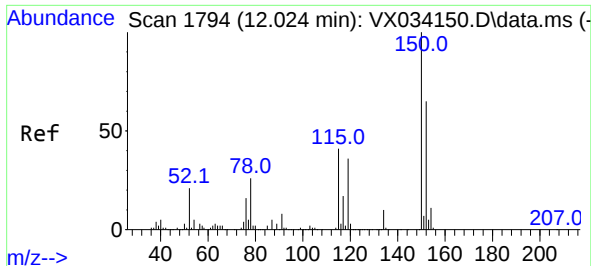
Tgt Ion: 95 Resp: 182107
Ion Ratio Lower Upper
95 100
174 78.0 0.0 184.4
176 74.9 0.0 178.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034368.D
Acq: 07 Mar 2023 13:24

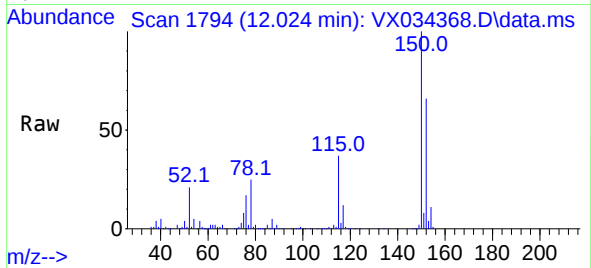
Tgt Ion: 117 Resp: 389999
Ion Ratio Lower Upper
117 100
82 55.4 40.6 60.8
119 33.6 25.6 38.4



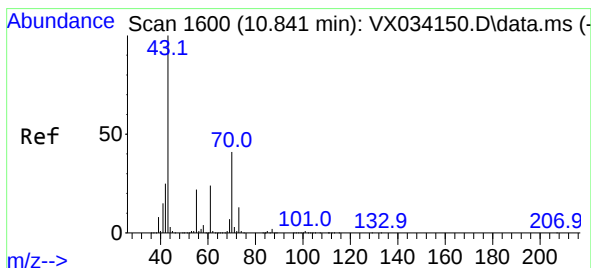
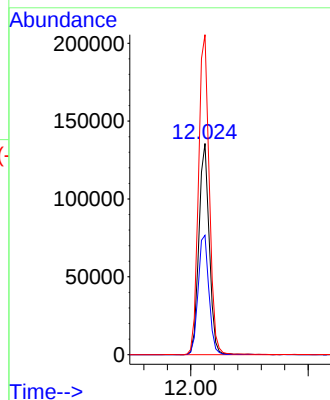
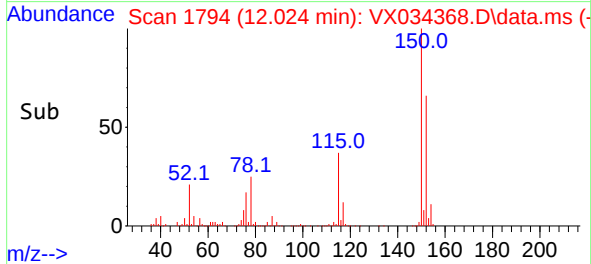


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034368.D
Acq: 07 Mar 2023 13:24

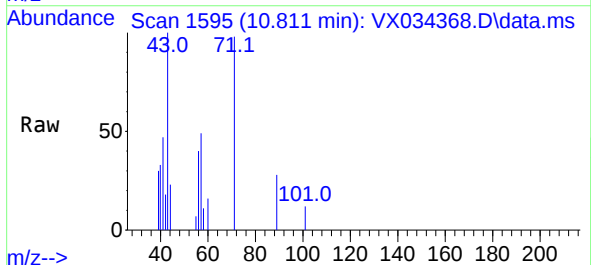
Instrument :
MSVOA_X
ClientSampleId :
HH-TP3-0306



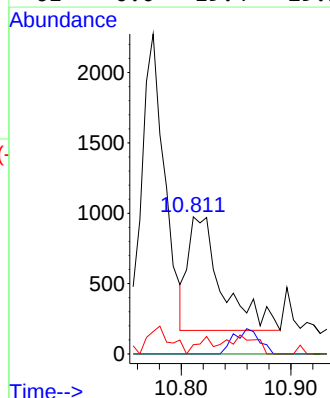
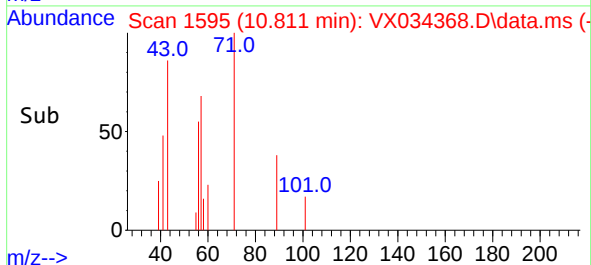
Tgt Ion:152 Resp: 166816
Ion Ratio Lower Upper
152 100
115 58.8 38.7 116.1
150 157.1 0.0 348.2

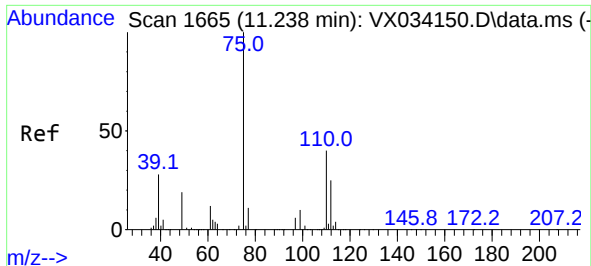


#74
N-ethyl acetate
Concen: 0.274 ug/l
RT: 10.811 min Scan# 1595
Delta R.T. -0.030 min
Lab File: VX034368.D
Acq: 07 Mar 2023 13:24



Tgt Ion: 43 Resp: 1749
Ion Ratio Lower Upper
43 100
70 0.0 34.8 52.2#
55 7.9 19.4 29.0#
61 0.0 19.4 29.2#

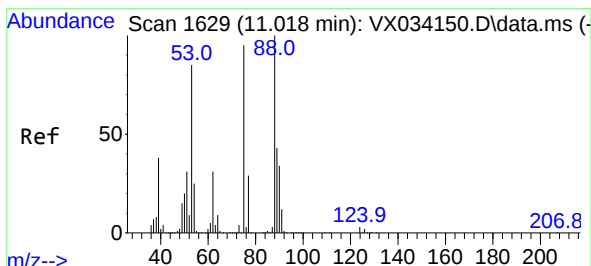
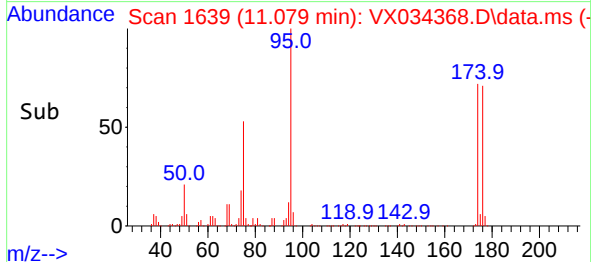
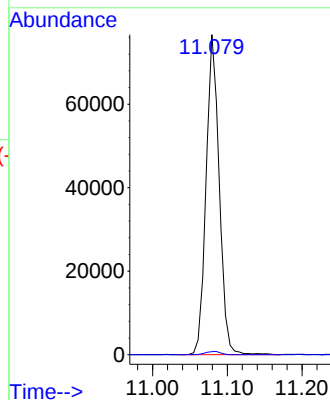
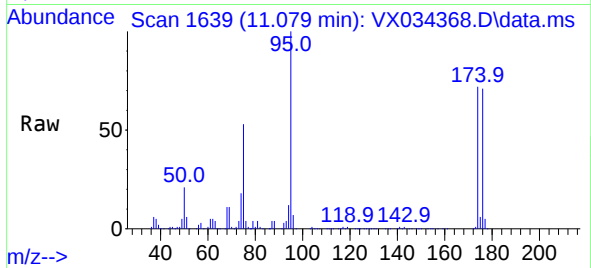




#76
1,2,3-Trichloropropane
Concen: 22.276 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX034368.D
Acq: 07 Mar 2023 13:24

Instrument :
MSVOA_X
ClientSampleId :
HH-TP3-0306

Tgt Ion: 75 Resp: 93503
Ion Ratio Lower Upper
75 100
77 1.1 21.8 65.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 57.224 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX034368.D
Acq: 07 Mar 2023 13:24

Tgt Ion: 75 Resp: 93503
Ion Ratio Lower Upper
75 100
53 0.0 83.0 124.6#
89 0.0 37.7 56.5#

