

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030723\
 Data File : VX034367.D
 Acq On : 07 Mar 2023 13:01
 Operator : JC/MD
 Sample : 01825-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 HH-TP2-0306

Quant Time: Mar 08 01:01:48 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)

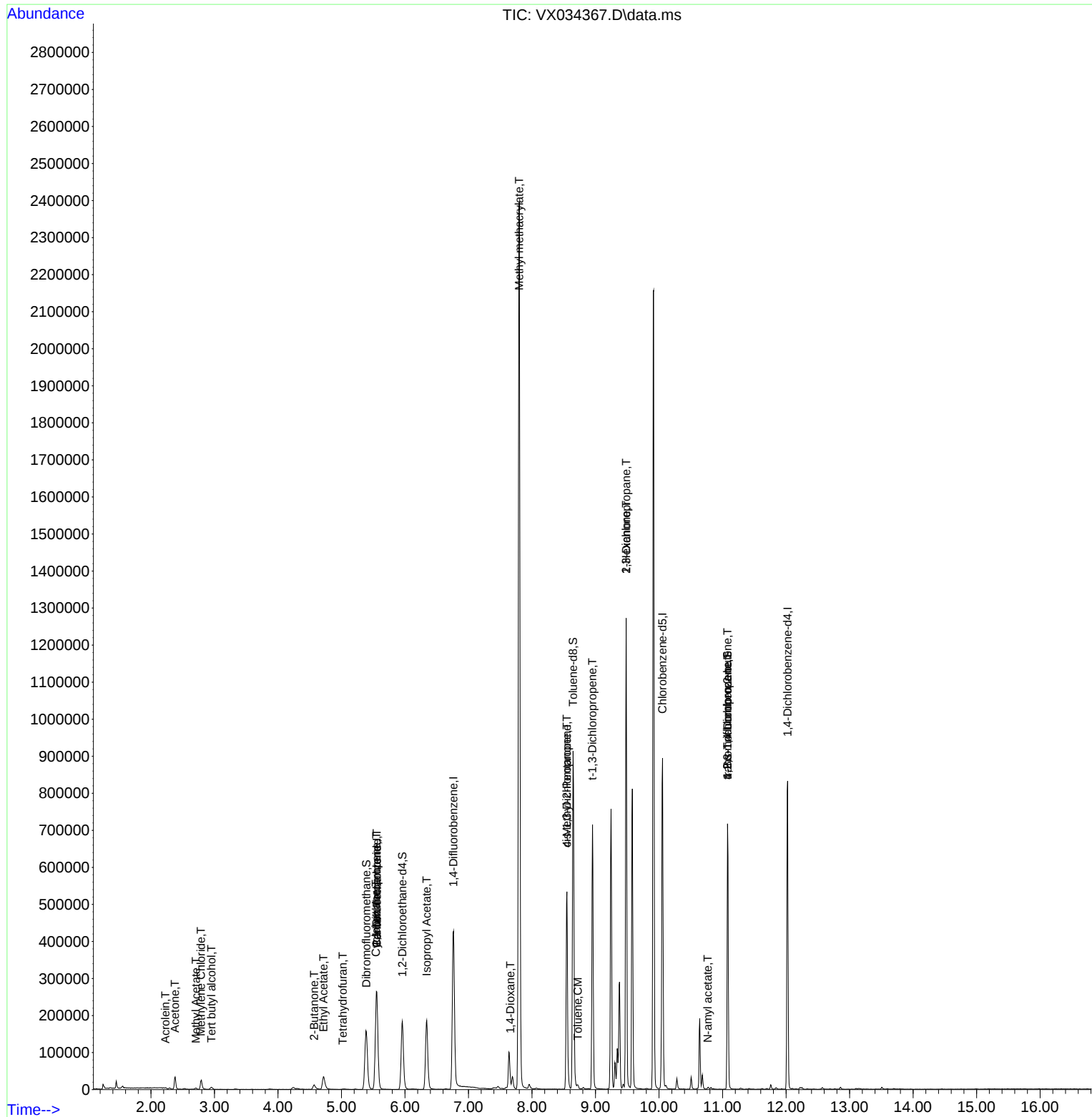
Internal Standards						
1) Pentafluorobenzene	5.556	168	258791	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	440248	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	401025	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	173689	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	165054	47.357	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.720%		
35) Dibromofluoromethane	5.391	113	139043	48.507	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.020%		
50) Toluene-d8	8.647	98	535958	52.078	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	104.160%		
62) 4-Bromofluorobenzene	11.079	95	188089	47.780	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.560%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.624	94	185	Below Cal	#	3
11) Tert butyl alcohol	2.953	59	5779	7.413	ug/l #	86
13) Acrolein	2.227	56	205	0.576	ug/l #	21
16) Acetone	2.380	43	35567	19.783	ug/l #	89
18) Methyl Acetate	2.709	43	4847	0.871	ug/l	96
20) Methylene Chloride	2.788	84	12246	3.780	ug/l	94
25) 2-Butanone	4.568	43	19867	7.637	ug/l	96
29) Tetrahydrofuran	5.019	42	779	0.491	ug/l #	34
31) Cyclohexane	5.544	56	5832	1.121	ug/l #	6
36) 1,1-Dichloropropene	5.550	75	20317	4.793	ug/l #	48
37) Ethyl Acetate	4.715	43	61001	12.876	ug/l	99
38) Carbon Tetrachloride	5.556	117	25549	5.857	ug/l #	15
43) Isopropyl Acetate	6.342	43	261966	31.334	ug/l	99
48) Methyl methacrylate	7.799	41	206691	52.087	ug/l #	45
49) 1,4-Dioxane	7.659	88	31	0.392	ug/l #	14
51) 4-Methyl-2-Pentanone	8.549	43	187150	40.687	ug/l #	50
52) Toluene	8.720	92	3366	0.442	ug/l	91
53) t-1,3-Dichloropropene	8.952	75	1478	0.284	ug/l #	43
54) cis-1,3-Dichloropropene	8.549	75	87456	15.713	ug/l #	60
57) 1,3-Dichloropropane	9.482	76	10453	1.955	ug/l #	43
59) 2-Hexanone	9.482	43	147843	42.175	ug/l #	50
74) N-amyl acetate	10.768	43	2629	0.395	ug/l #	47
76) 1,2,3-Trichloropropane	11.079	75	94526	21.628	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	94526	55.561	ug/l #	8

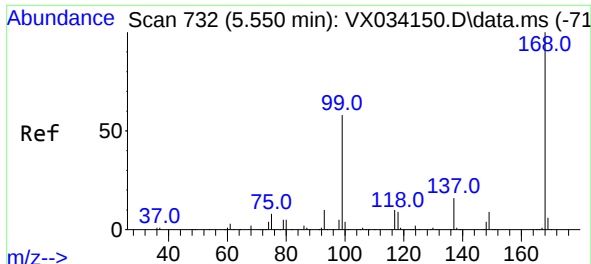
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030723\
Data File : VX034367.D
Acq On : 07 Mar 2023 13:01
Operator : JC/MD
Sample : 01825-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
HH-TP2-0306

Quant Time: Mar 08 01:01:48 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

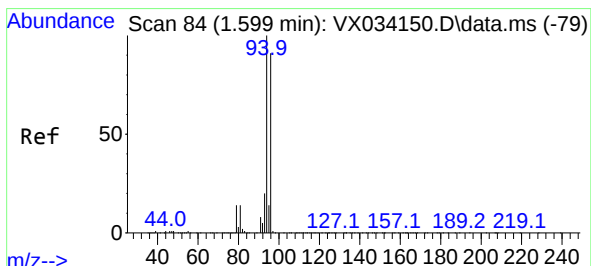
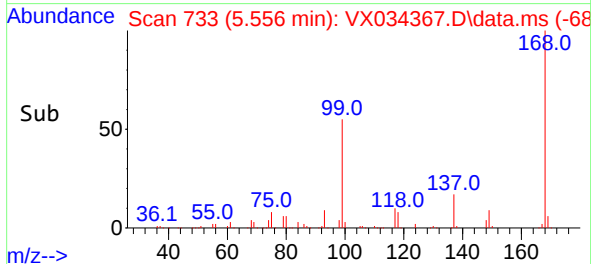
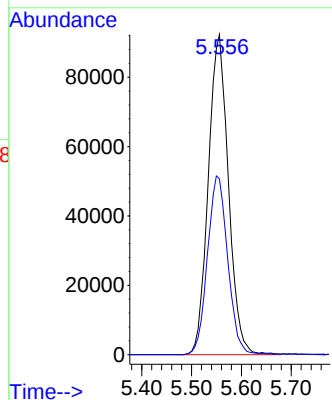
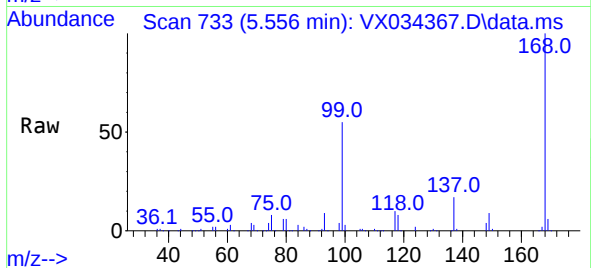




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034367.D
Acq: 07 Mar 2023 13:01

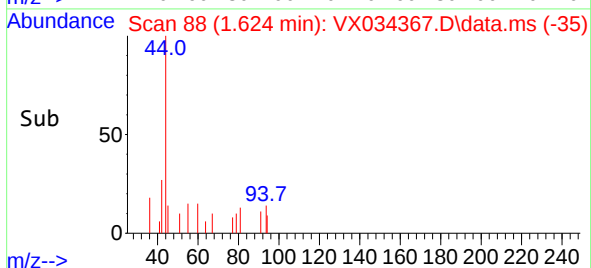
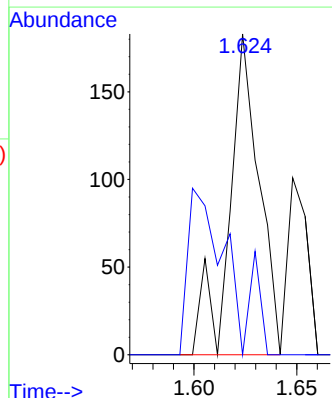
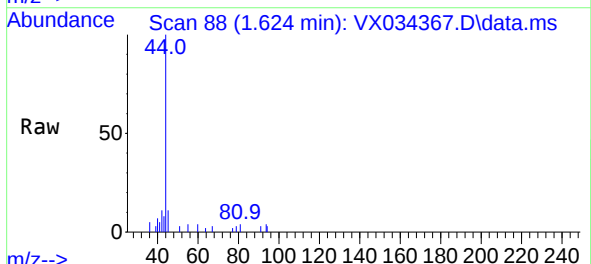
Instrument :
MSVOA_X
ClientSampleId :
HH-TP2-0306

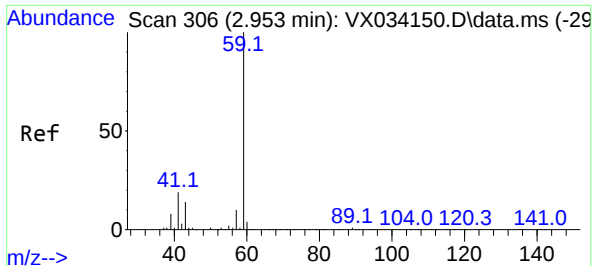
Tgt Ion:168 Resp: 258791
Ion Ratio Lower Upper
168 100
99 55.0 39.6 59.4



#5
Bromomethane
Concen: Below Cal
RT: 1.624 min Scan# 88
Delta R.T. 0.025 min
Lab File: VX034367.D
Acq: 07 Mar 2023 13:01

Tgt Ion: 94 Resp: 185
Ion Ratio Lower Upper
94 100
96 0.0 74.3 111.5#

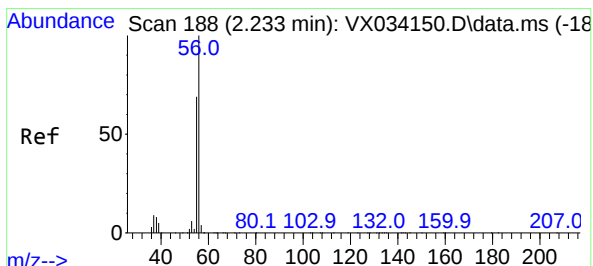
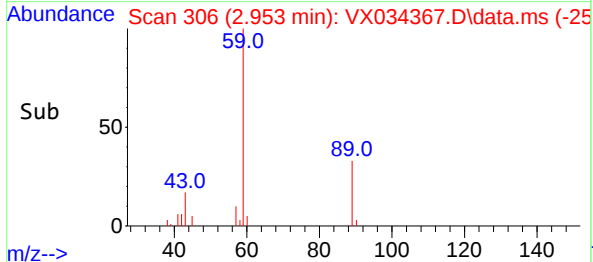
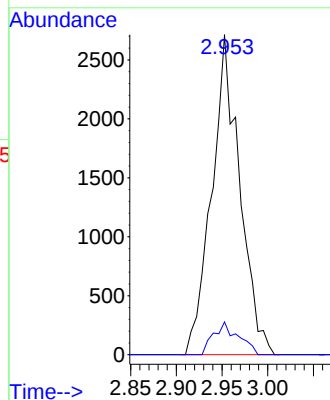
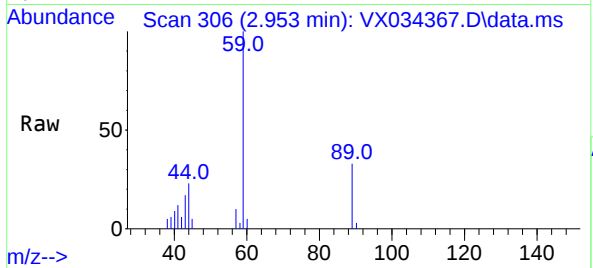




#11
Tert butyl alcohol
Concen: 7.413 ug/l
RT: 2.953 min Scan# 306
Delta R.T. 0.000 min
Lab File: VX034367.D
Acq: 07 Mar 2023 13:01

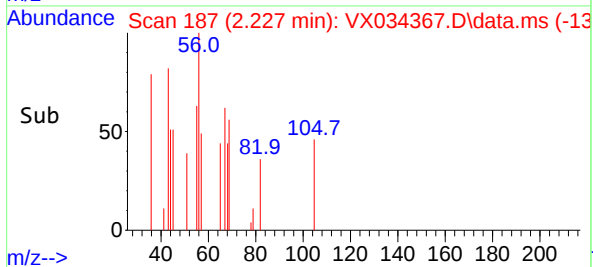
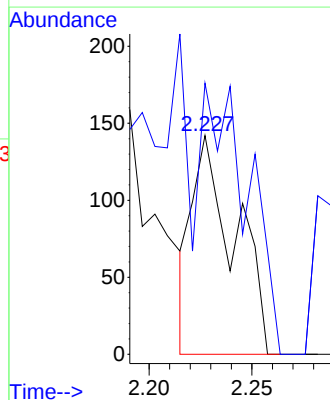
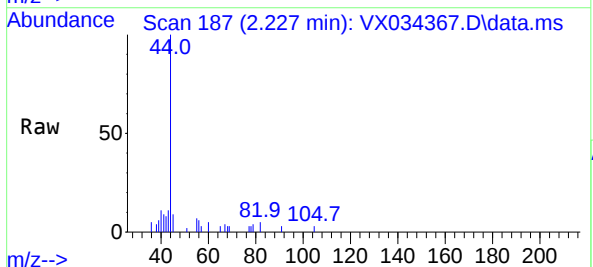
Instrument :
MSVOA_X
ClientSampleId :
HH-TP2-0306

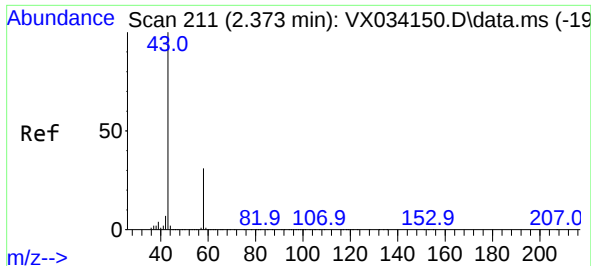
Tgt Ion: 59 Resp: 5779
Ion Ratio Lower Upper
59 100
57 9.1 3.7 5.5#



#13
Acrolein
Concen: 0.576 ug/l
RT: 2.227 min Scan# 187
Delta R.T. -0.006 min
Lab File: VX034367.D
Acq: 07 Mar 2023 13:01

Tgt Ion: 56 Resp: 205
Ion Ratio Lower Upper
56 100
55 135.1 56.3 84.5#

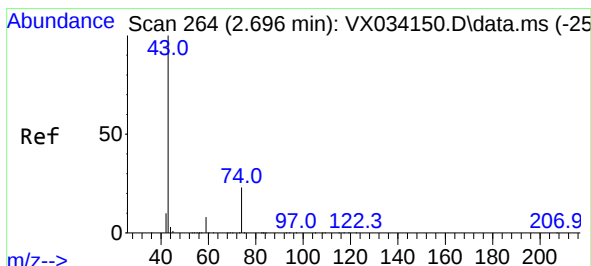
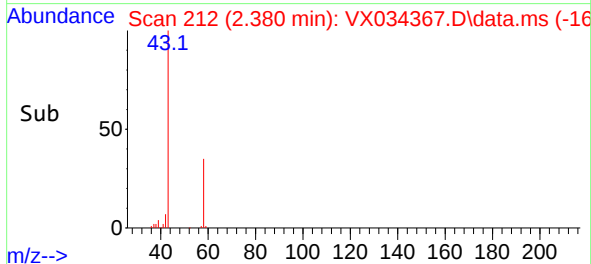
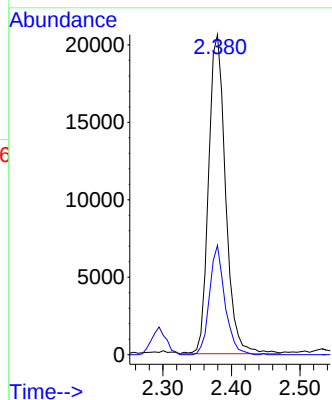
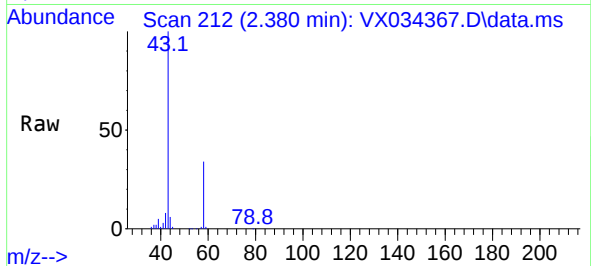




#16
Acetone
Concen: 19.783 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX034367.D
Acq: 07 Mar 2023 13:01

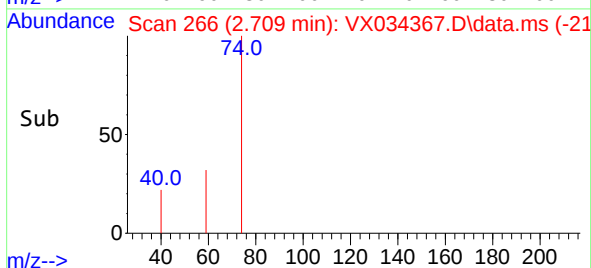
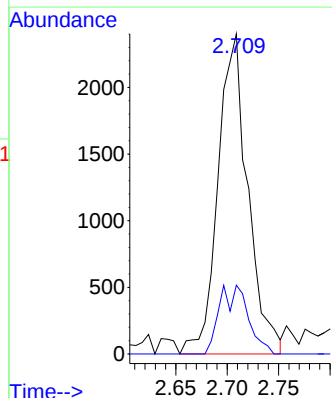
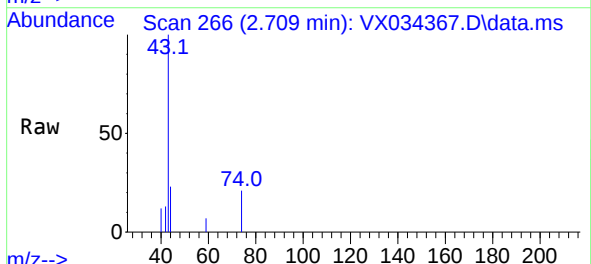
Instrument :
MSVOA_X
ClientSampleId :
HH-TP2-0306

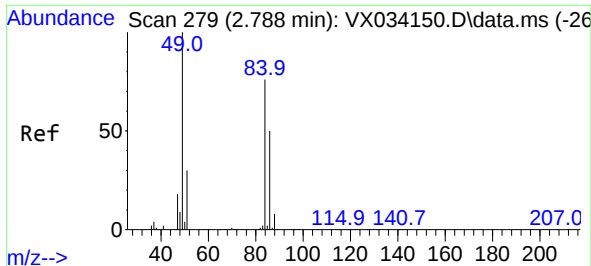
Tgt Ion: 43 Resp: 35567
Ion Ratio Lower Upper
43 100
58 34.2 22.6 33.8#



#18
Methyl Acetate
Concen: 0.871 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.012 min
Lab File: VX034367.D
Acq: 07 Mar 2023 13:01

Tgt Ion: 43 Resp: 4847
Ion Ratio Lower Upper
43 100
74 20.6 18.2 27.4



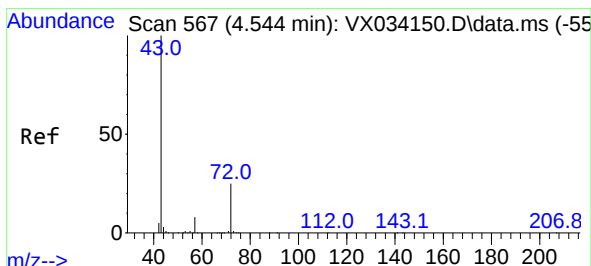
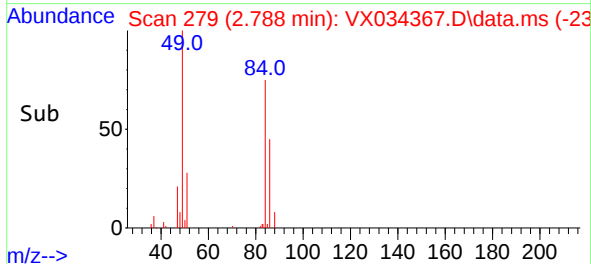
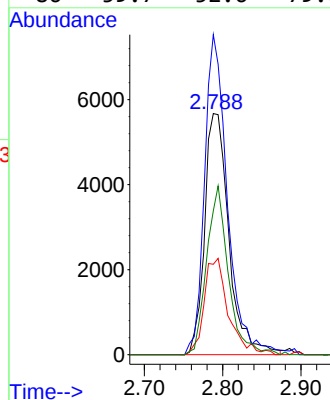
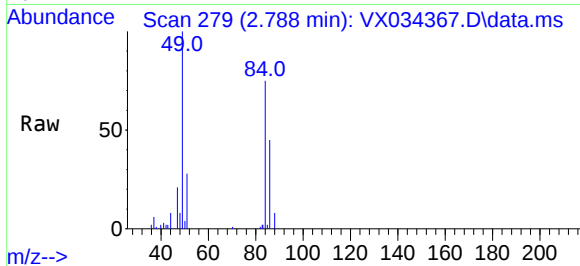


#20
Methylene Chloride
Concen: 3.780 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX034367.D
Acq: 07 Mar 2023 13:01

Instrument :
MSVOA_X
ClientSampleId :
HH-TP2-0306

Tgt Ion: 84 Resp: 12246

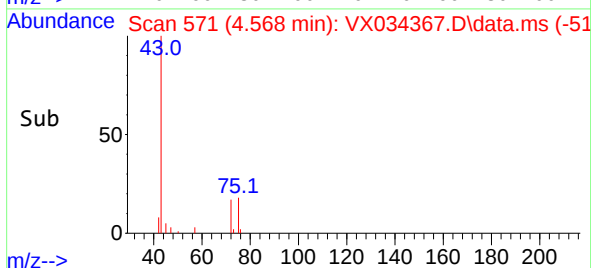
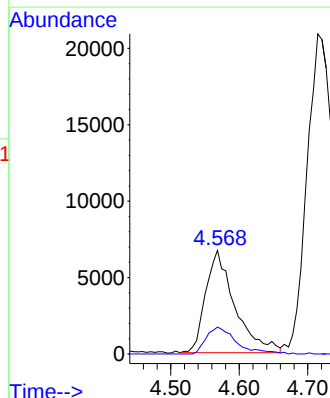
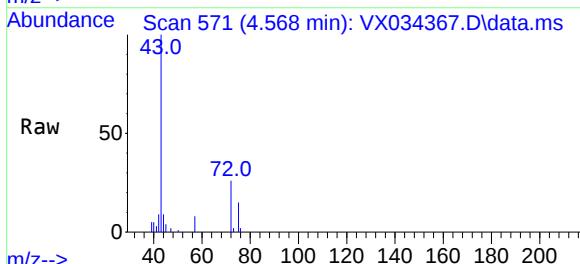
Ion	Ratio	Lower	Upper
84	100		
49	132.7	101.1	151.7
51	37.5	31.0	46.6
86	59.7	52.6	79.0

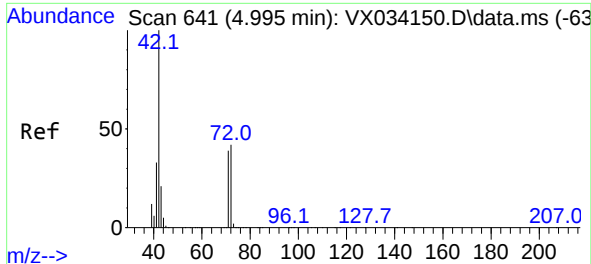


#25
2-Butanone
Concen: 7.637 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.024 min
Lab File: VX034367.D
Acq: 07 Mar 2023 13:01

Tgt Ion: 43 Resp: 19867

Ion	Ratio	Lower	Upper
43	100		
72	26.2	19.4	29.2

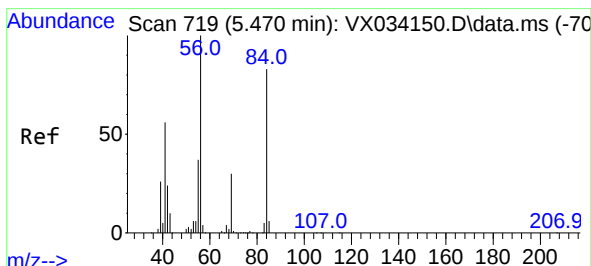
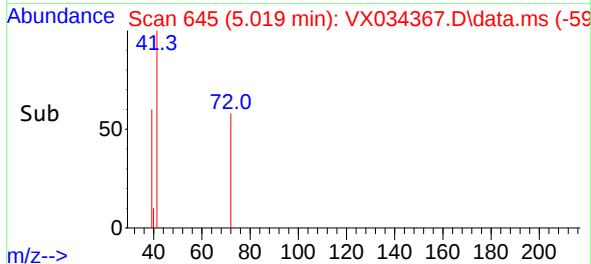
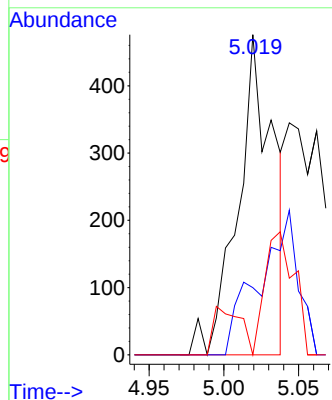
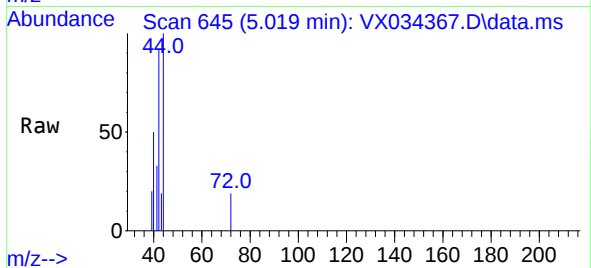




#29
Tetrahydrofuran
Concen: 0.491 ug/l
RT: 5.019 min Scan# 641
Delta R.T. 0.025 min
Lab File: VX034367.D
Acq: 07 Mar 2023 13:01

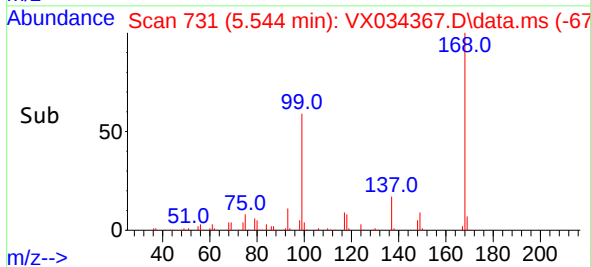
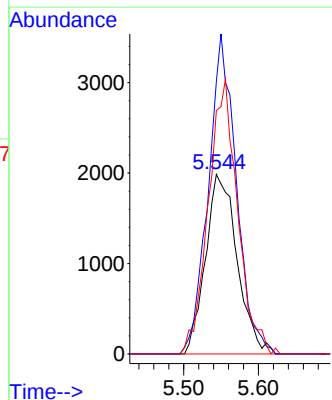
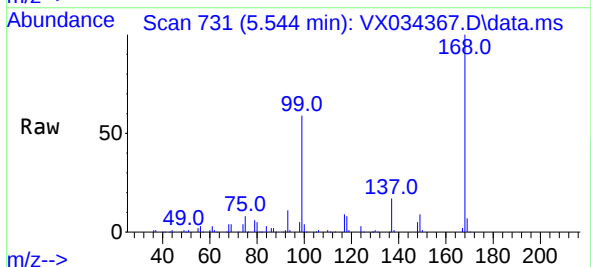
Instrument :
MSVOA_X
ClientSampleId :
HH-TP2-0306

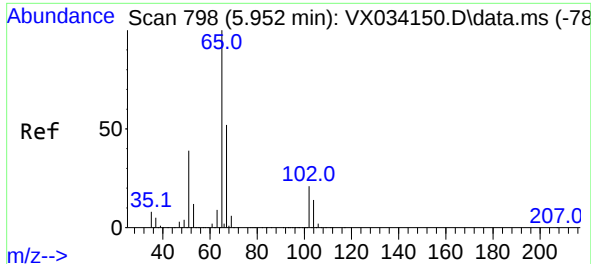
Tgt Ion: 42 Resp: 779
Ion Ratio Lower Upper
42 100
72 0.0 34.8 52.2#
71 0.0 32.2 48.2#



#31
Cyclohexane
Concen: 1.121 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.073 min
Lab File: VX034367.D
Acq: 07 Mar 2023 13:01

Tgt Ion: 56 Resp: 5832
Ion Ratio Lower Upper
56 100
69 151.7 24.6 37.0#
84 135.7 71.0 106.6#

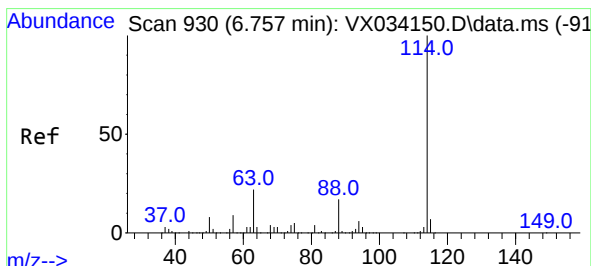
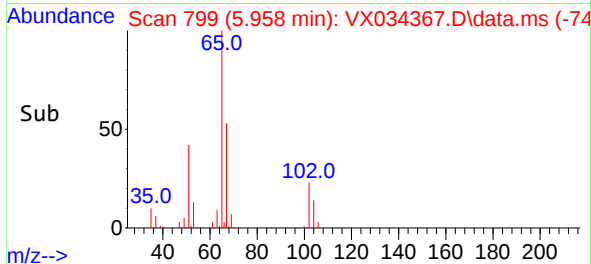
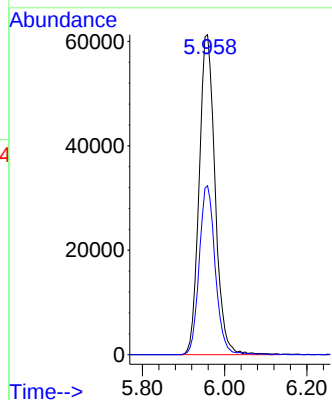
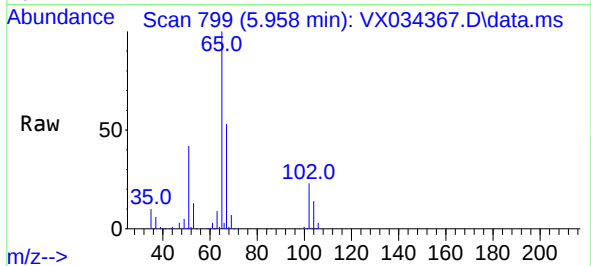




#33
1,2-Dichloroethane-d4
Concen: 47.357 ug/l
RT: 5.958 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX034367.D
Acq: 07 Mar 2023 13:01

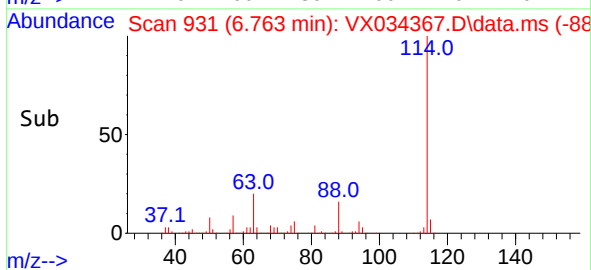
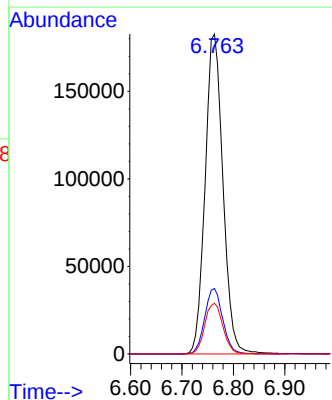
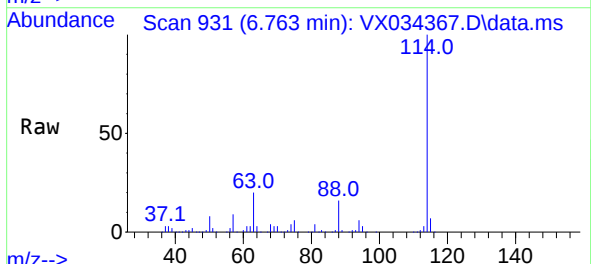
Instrument :
MSVOA_X
ClientSampleId :
HH-TP2-0306

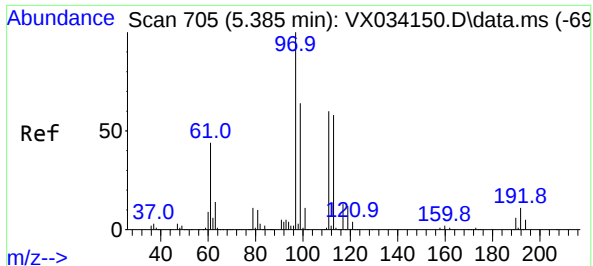
Tgt Ion: 65 Resp: 165054
Ion Ratio Lower Upper
65 100
67 53.1 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.006 min
Lab File: VX034367.D
Acq: 07 Mar 2023 13:01

Tgt Ion: 114 Resp: 440248
Ion Ratio Lower Upper
114 100
63 20.4 0.0 37.4
88 15.8 0.0 30.6





#35

Dibromofluoromethane

Concen: 48.507 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX034367.D

Acq: 07 Mar 2023 13:01

Instrument :

MSVOA_X

ClientSampleId :

HH-TP2-0306

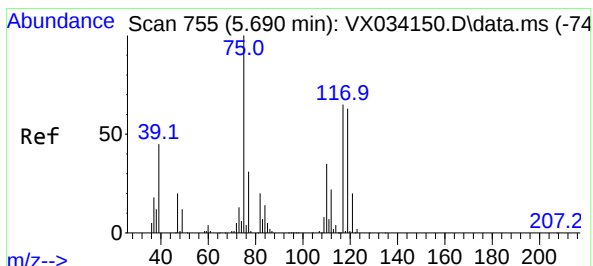
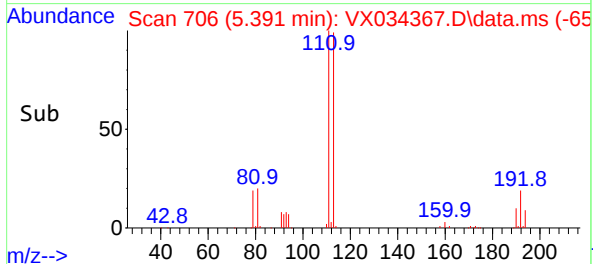
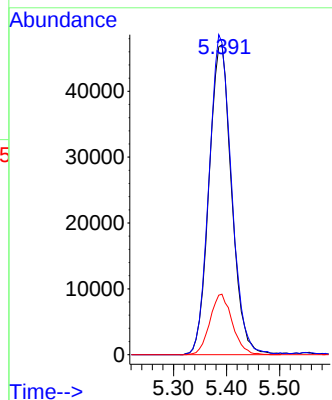
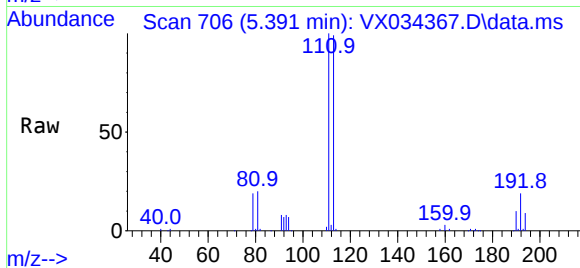
Tgt Ion:113 Resp: 139043

Ion Ratio Lower Upper

113 100

111 102.6 83.0 124.6

192 19.3 19.0 28.4



#36

1,1-Dichloropropene

Concen: 4.793 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.140 min

Lab File: VX034367.D

Acq: 07 Mar 2023 13:01

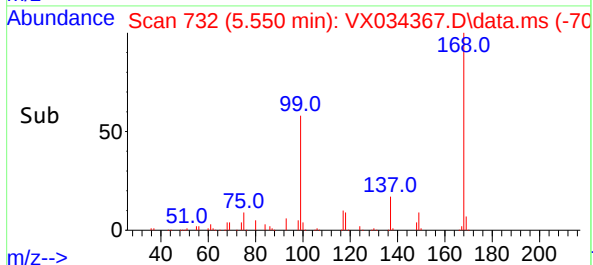
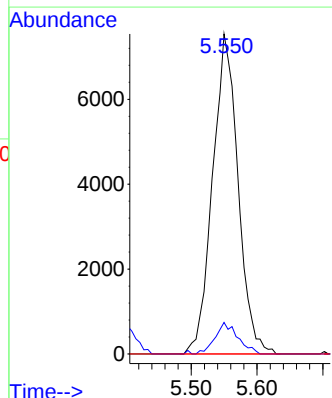
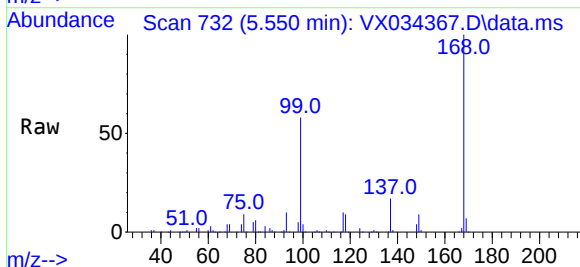
Tgt Ion: 75 Resp: 20317

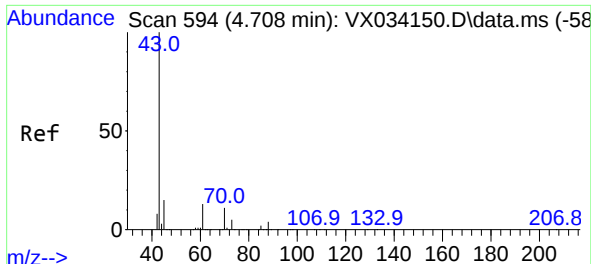
Ion Ratio Lower Upper

75 100

110 8.8 18.8 56.4#

77 0.0 25.1 37.7#

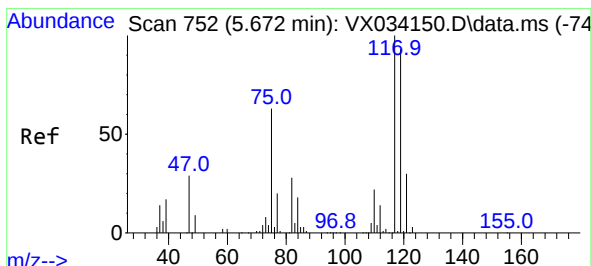
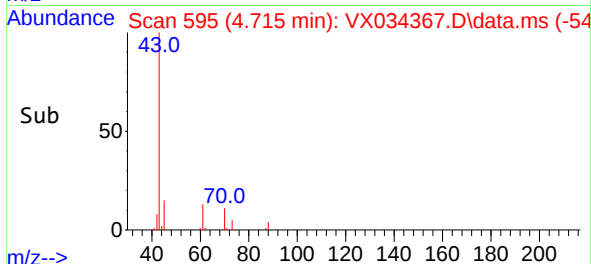
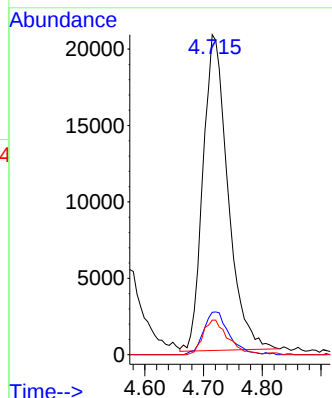
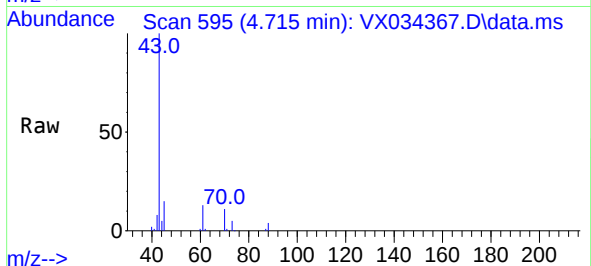




#37
Ethyl Acetate
Concen: 12.876 ug/l
RT: 4.715 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX034367.D
Acq: 07 Mar 2023 13:01

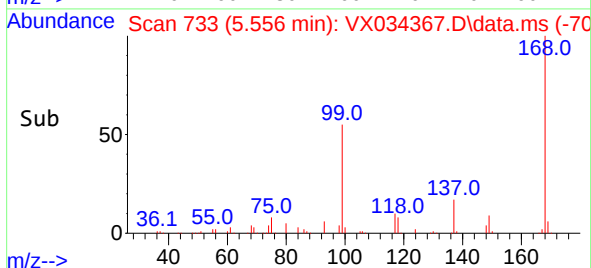
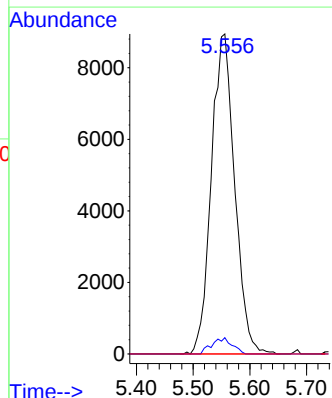
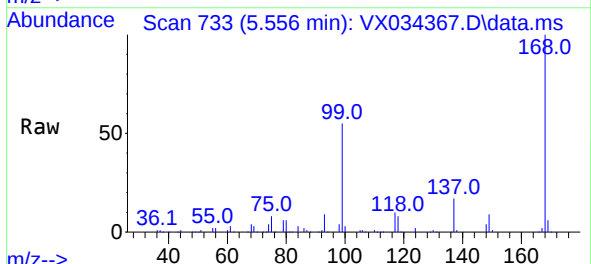
Instrument :
MSVOA_X
ClientSampleId :
HH-TP2-0306

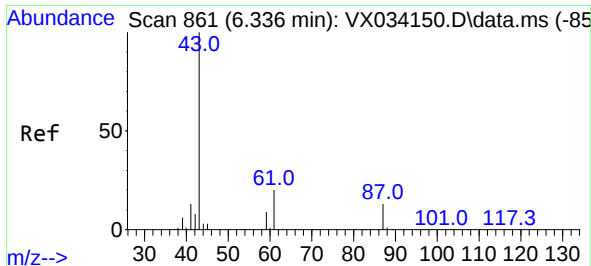
Tgt Ion: 43 Resp: 61001
Ion Ratio Lower Upper
43 100
61 13.8 11.1 16.7
70 11.0 8.5 12.7



#38
Carbon Tetrachloride
Concen: 5.857 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.116 min
Lab File: VX034367.D
Acq: 07 Mar 2023 13:01

Tgt Ion: 117 Resp: 25549
Ion Ratio Lower Upper
117 100
119 5.1 78.0 117.0#
121 0.0 24.4 36.6#

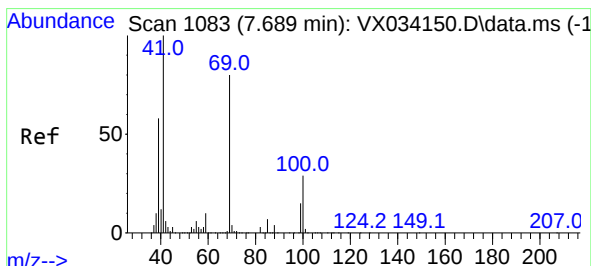
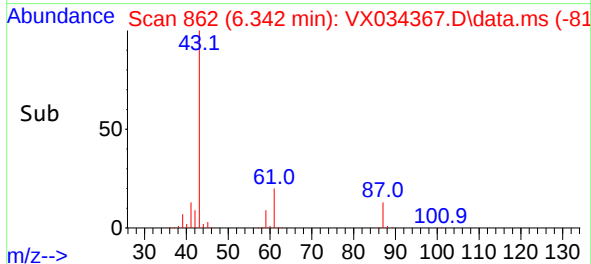
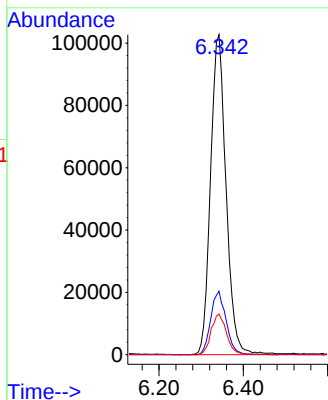
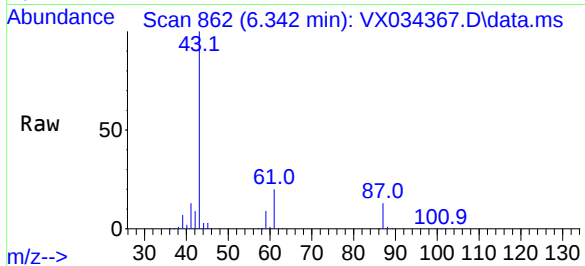




#43
Isopropyl Acetate
Concen: 31.334 ug/l
RT: 6.342 min Scan# 861
Delta R.T. 0.006 min
Lab File: VX034367.D
Acq: 07 Mar 2023 13:01

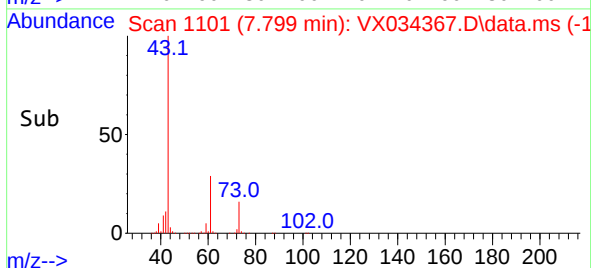
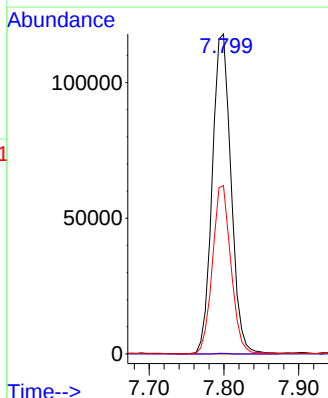
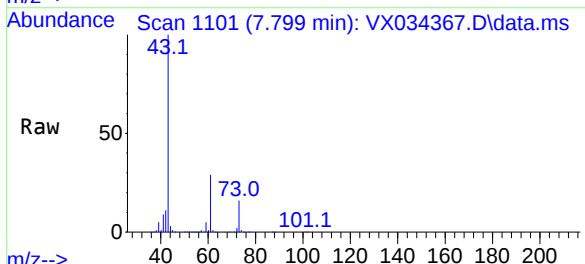
Instrument :
MSVOA_X
ClientSampleId :
HH-TP2-0306

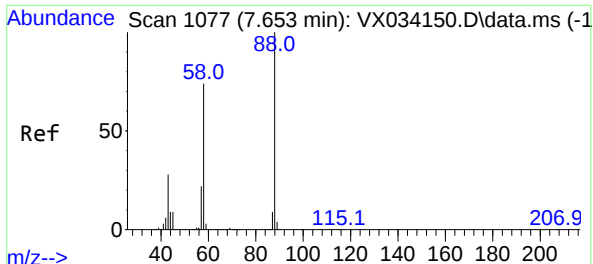
Tgt Ion: 43 Resp: 261966
Ion Ratio Lower Upper
43 100
61 19.7 15.7 23.5
87 12.5 10.6 15.8



#48
Methyl methacrylate
Concen: 52.087 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.110 min
Lab File: VX034367.D
Acq: 07 Mar 2023 13:01

Tgt Ion: 41 Resp: 206691
Ion Ratio Lower Upper
41 100
69 0.1 63.1 94.7#
39 51.7 43.2 64.8

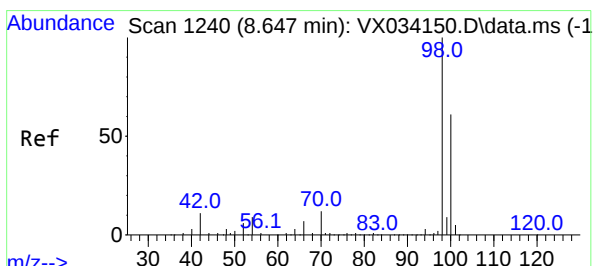
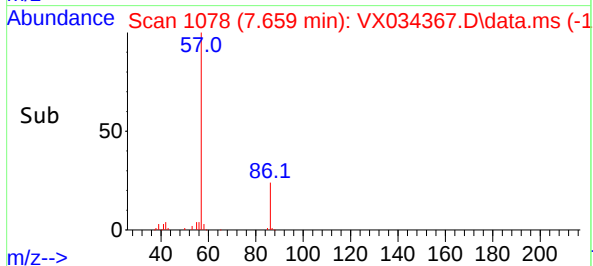
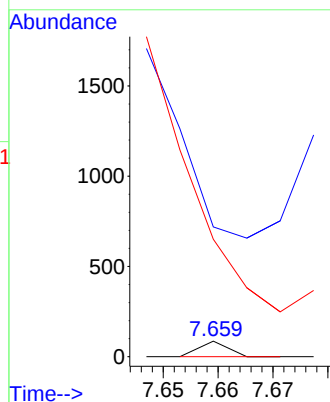
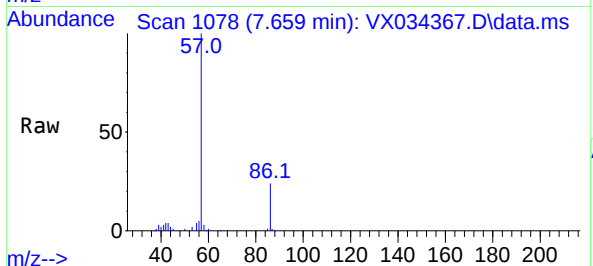




#49
1,4-Dioxane
Concen: 0.392 ug/l
RT: 7.659 min Scan# 1077
Delta R.T. 0.006 min
Lab File: VX034367.D
Acq: 07 Mar 2023 13:01

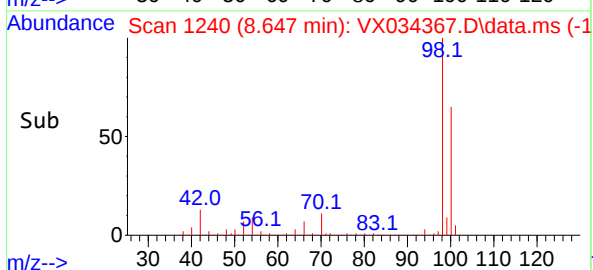
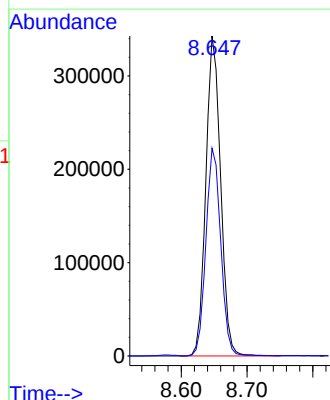
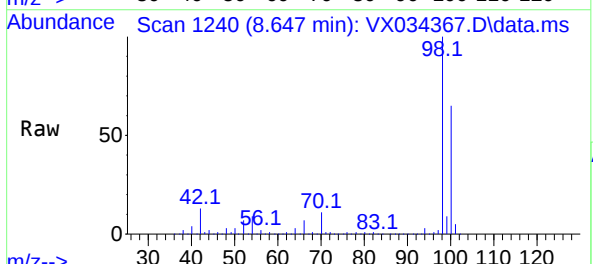
Instrument :
MSVOA_X
ClientSampleId :
HH-TP2-0306

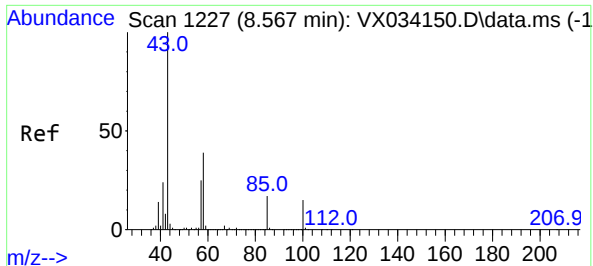
Tgt Ion: 88 Resp: 31
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 0.0 56.5 84.7#



#50
Toluene-d8
Concen: 52.078 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX034367.D
Acq: 07 Mar 2023 13:01

Tgt Ion: 98 Resp: 535958
Ion Ratio Lower Upper
98 100
100 65.4 53.6 80.4

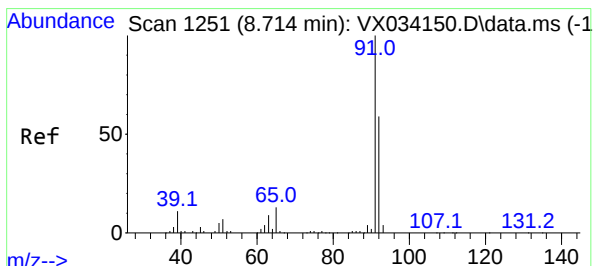
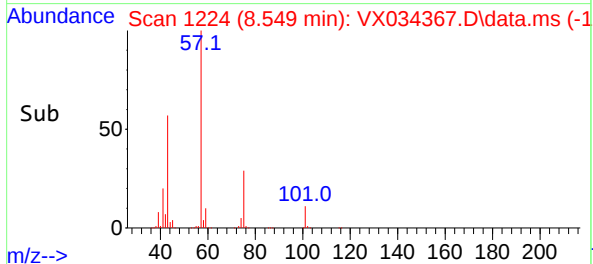
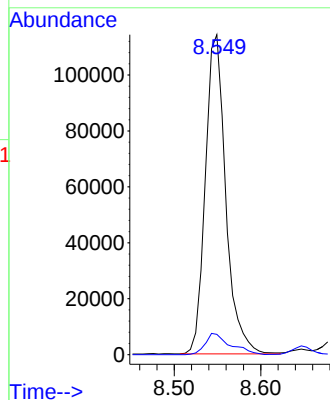
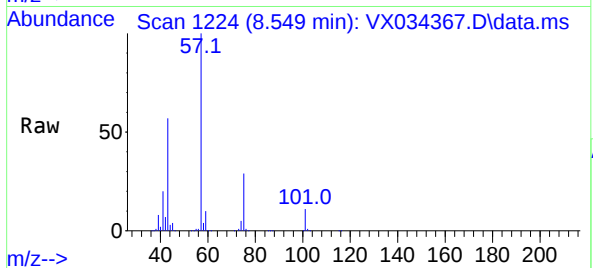




#51
4-Methyl-2-Pentanone
Concen: 40.687 ug/l
RT: 8.549 min Scan# 11
Delta R.T. -0.018 min
Lab File: VX034367.D
Acq: 07 Mar 2023 13:01

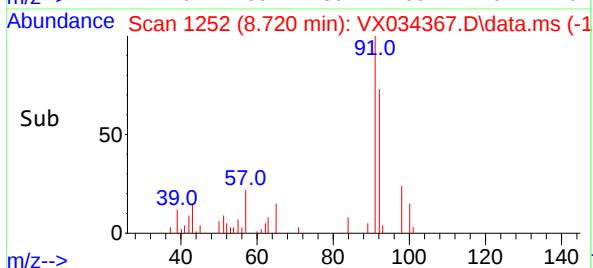
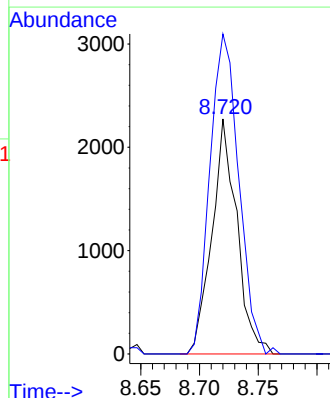
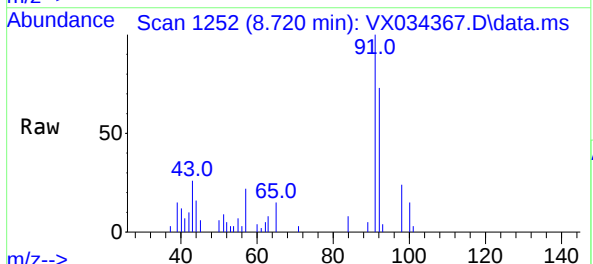
Instrument :
MSVOA_X
ClientSampleId :
HH-TP2-0306

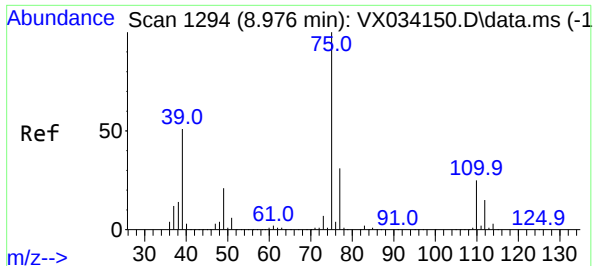
Tgt Ion: 43 Resp: 187150
Ion Ratio Lower Upper
43 100
58 8.2 31.2 46.8#



#52
Toluene
Concen: 0.442 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX034367.D
Acq: 07 Mar 2023 13:01

Tgt Ion: 92 Resp: 3366
Ion Ratio Lower Upper
92 100
91 157.5 135.5 203.3

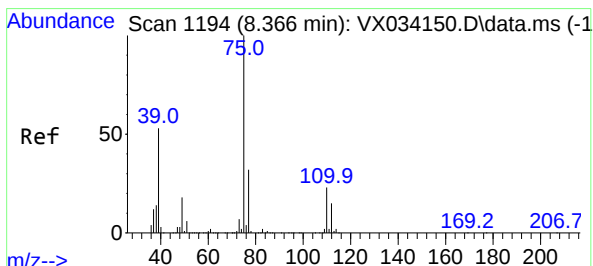
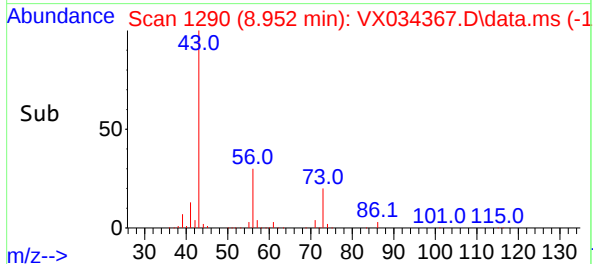
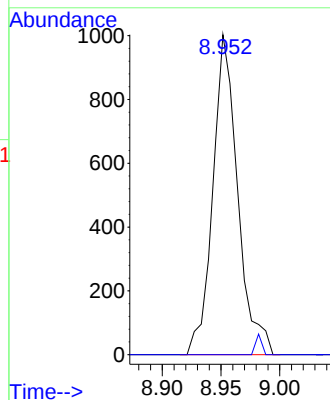
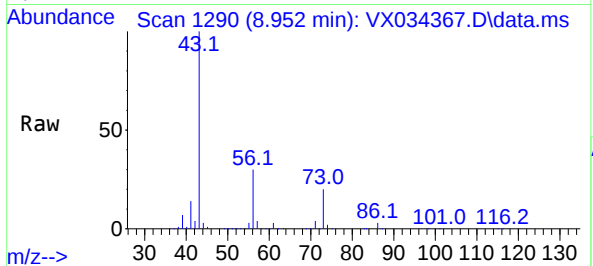




#53
t-1,3-Dichloropropene
Concen: 0.284 ug/l
RT: 8.952 min Scan# 11
Delta R.T. -0.024 min
Lab File: VX034367.D
Acq: 07 Mar 2023 13:01

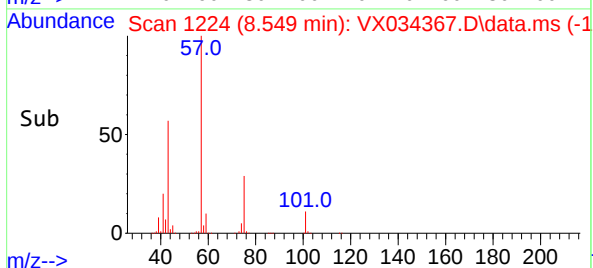
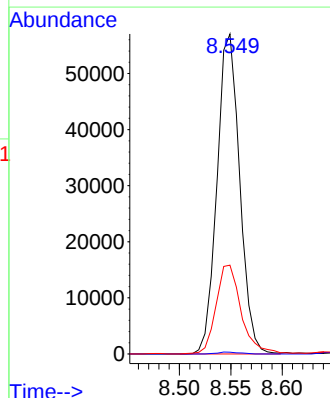
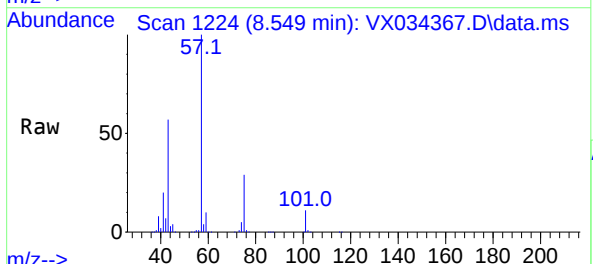
Instrument :
MSVOA_X
ClientSampleId :
HH-TP2-0306

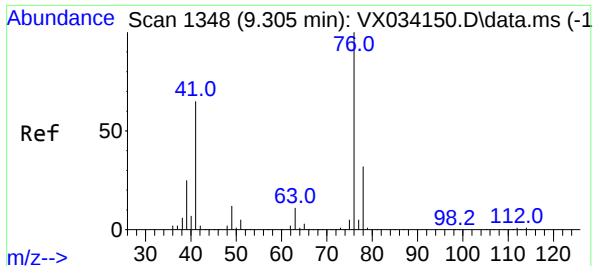
Tgt Ion: 75 Resp: 1478
Ion Ratio Lower Upper
75 100
77 0.0 25.5 38.3#



#54
cis-1,3-Dichloropropene
Concen: 15.713 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. 0.183 min
Lab File: VX034367.D
Acq: 07 Mar 2023 13:01

Tgt Ion: 75 Resp: 87456
Ion Ratio Lower Upper
75 100
77 0.5 25.0 37.6#
39 27.8 38.6 58.0#

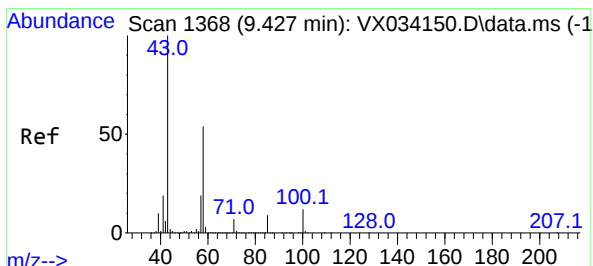
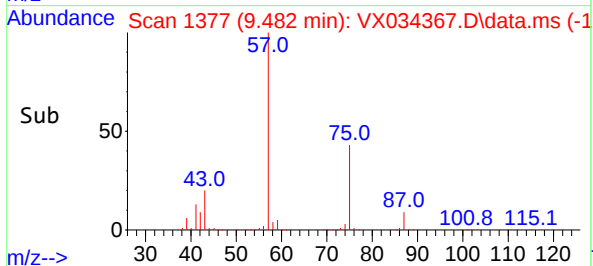
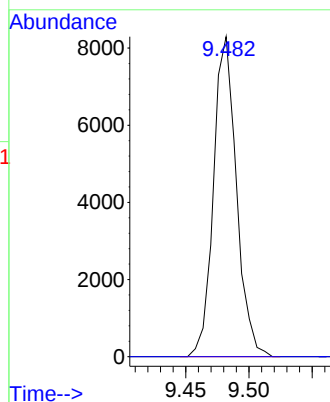
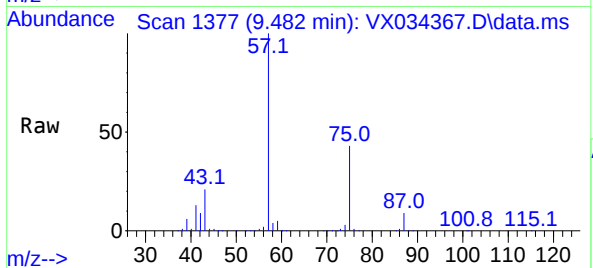




#57
1,3-Dichloropropane
Concen: 1.955 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.177 min
Lab File: VX034367.D
Acq: 07 Mar 2023 13:01

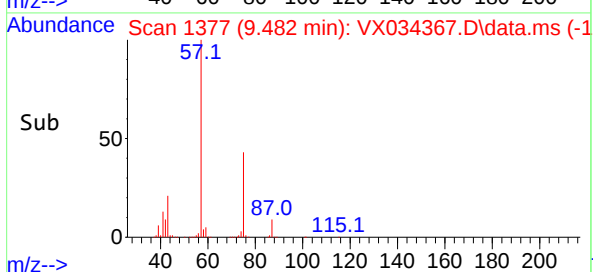
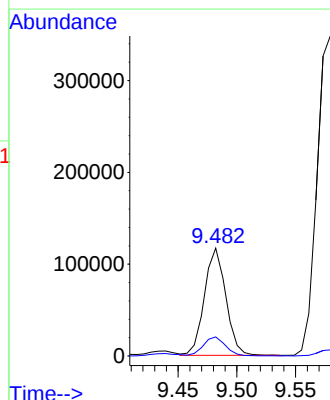
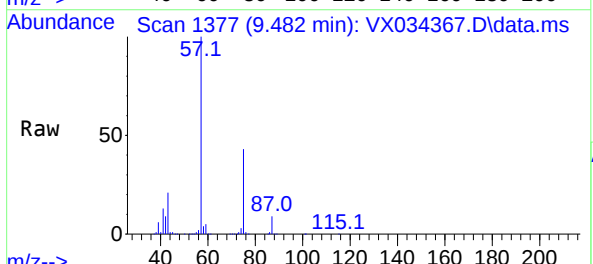
Instrument :
MSVOA_X
ClientSampleId :
HH-TP2-0306

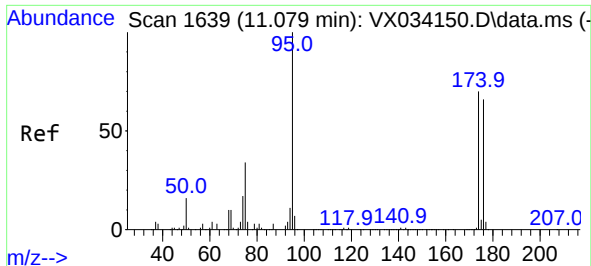
Tgt Ion: 76 Resp: 10453
Ion Ratio Lower Upper
76 100
78 0.0 25.6 38.4#



#59
2-Hexanone
Concen: 42.175 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.055 min
Lab File: VX034367.D
Acq: 07 Mar 2023 13:01

Tgt Ion: 43 Resp: 147843
Ion Ratio Lower Upper
43 100
58 18.5 27.4 82.0#

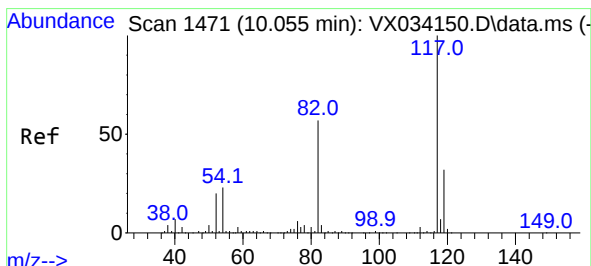
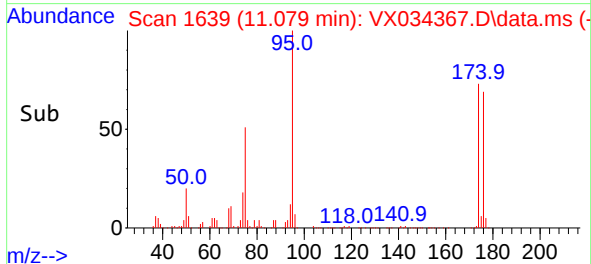
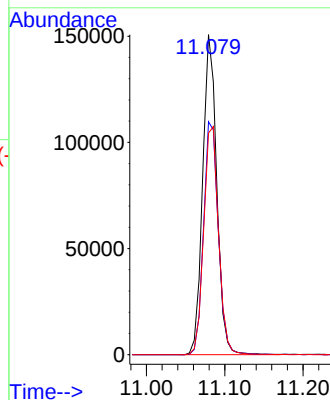
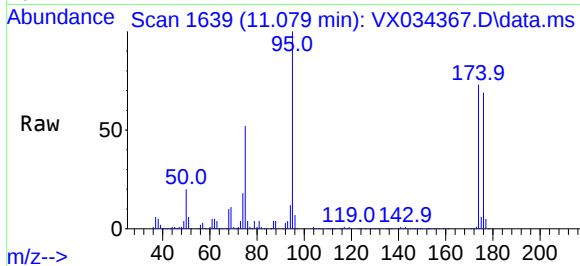




#62
4-Bromofluorobenzene
Concen: 47.780 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034367.D
Acq: 07 Mar 2023 13:01

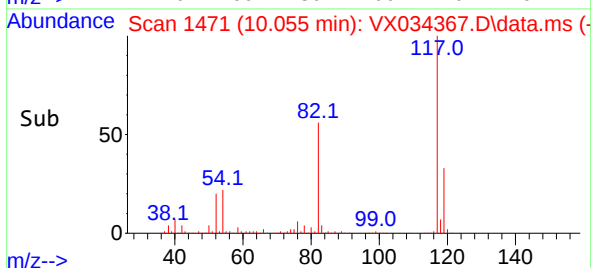
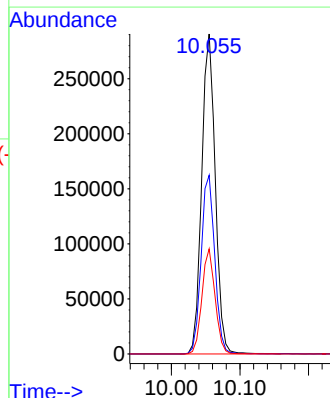
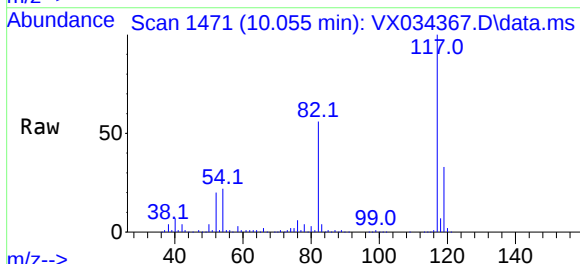
Instrument :
MSVOA_X
ClientSampleId :
HH-TP2-0306

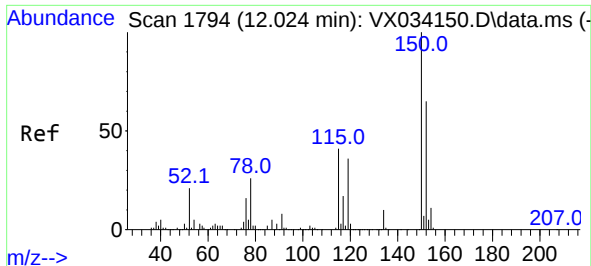
Tgt Ion: 95 Resp: 188089
Ion Ratio Lower Upper
95 100
174 76.1 0.0 184.4
176 75.2 0.0 178.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034367.D
Acq: 07 Mar 2023 13:01

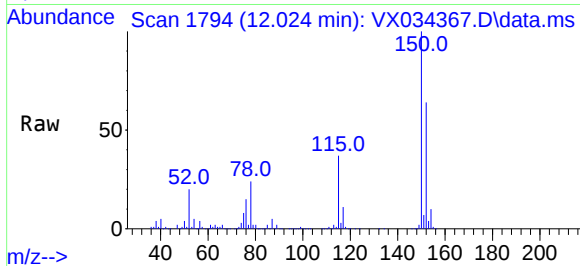
Tgt Ion: 117 Resp: 401025
Ion Ratio Lower Upper
117 100
82 55.8 40.6 60.8
119 32.8 25.6 38.4



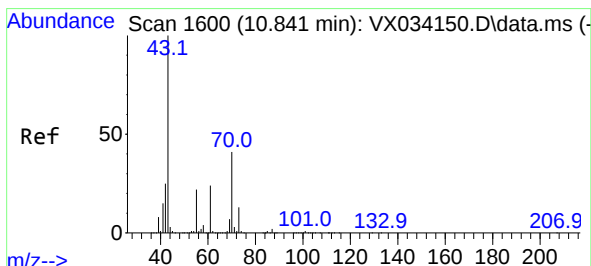
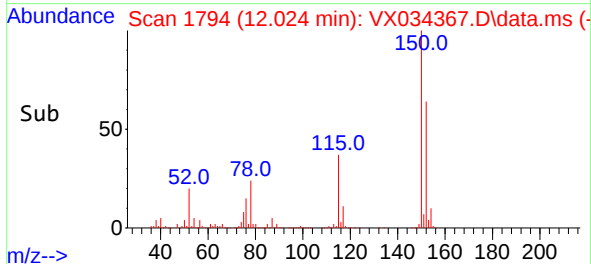
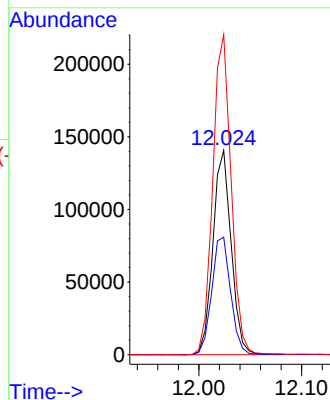


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034367.D
Acq: 07 Mar 2023 13:01

Instrument :
MSVOA_X
ClientSampleId :
HH-TP2-0306

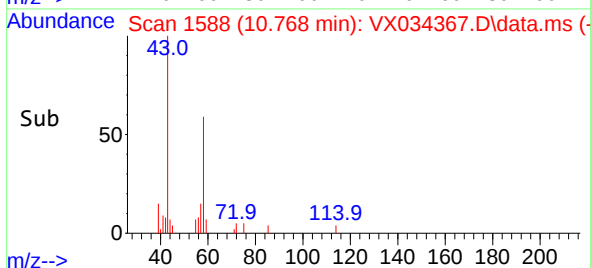
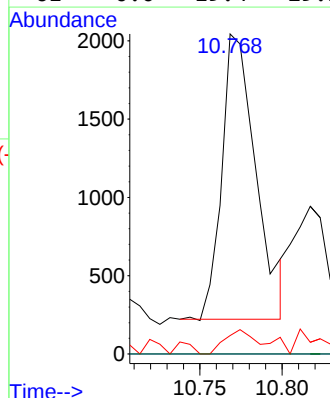
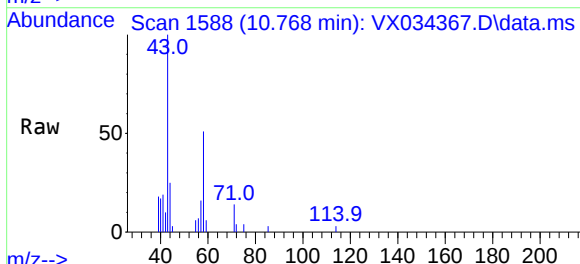


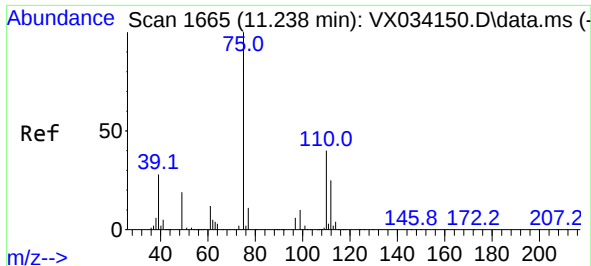
Tgt Ion:152 Resp: 173689
Ion Ratio Lower Upper
152 100
115 59.8 38.7 116.1
150 157.6 0.0 348.2



#74
N-ethyl acetate
Concen: 0.395 ug/l
RT: 10.768 min Scan# 1588
Delta R.T. -0.073 min
Lab File: VX034367.D
Acq: 07 Mar 2023 13:01

Tgt Ion: 43 Resp: 2629
Ion Ratio Lower Upper
43 100
70 0.0 34.8 52.2#
55 8.2 19.4 29.0#
61 0.0 19.4 29.2#

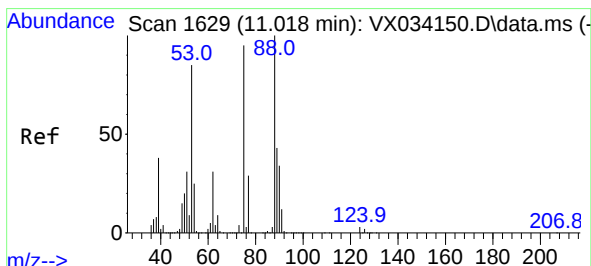
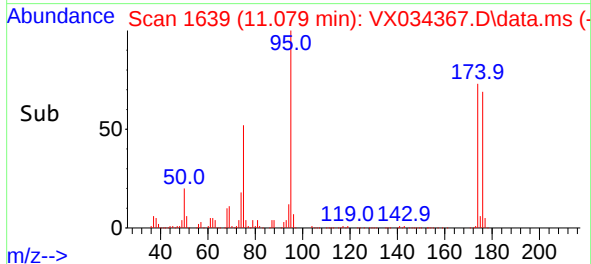
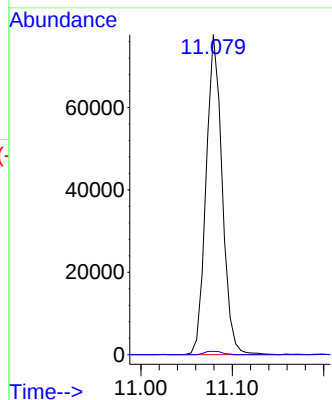
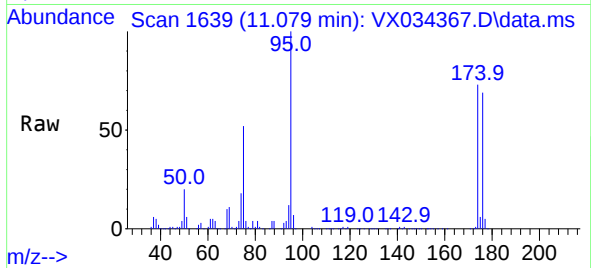




#76
1,2,3-Trichloropropane
Concen: 21.628 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX034367.D
Acq: 07 Mar 2023 13:01

Instrument :
MSVOA_X
ClientSampleId :
HH-TP2-0306

Tgt Ion: 75 Resp: 94526
Ion Ratio Lower Upper
75 100
77 1.2 21.8 65.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 55.561 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX034367.D
Acq: 07 Mar 2023 13:01

Tgt Ion: 75 Resp: 94526
Ion Ratio Lower Upper
75 100
53 0.0 83.0 124.6#
89 0.0 37.7 56.5#

