

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX113022\
 Data File : VX033134.D
 Acq On : 30 Nov 2022 16:05
 Operator : JC/MD
 Sample : N5812-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-16

Quant Time: Dec 01 00:21:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 22 13:58:46 2022
 Response via : Initial Calibration

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

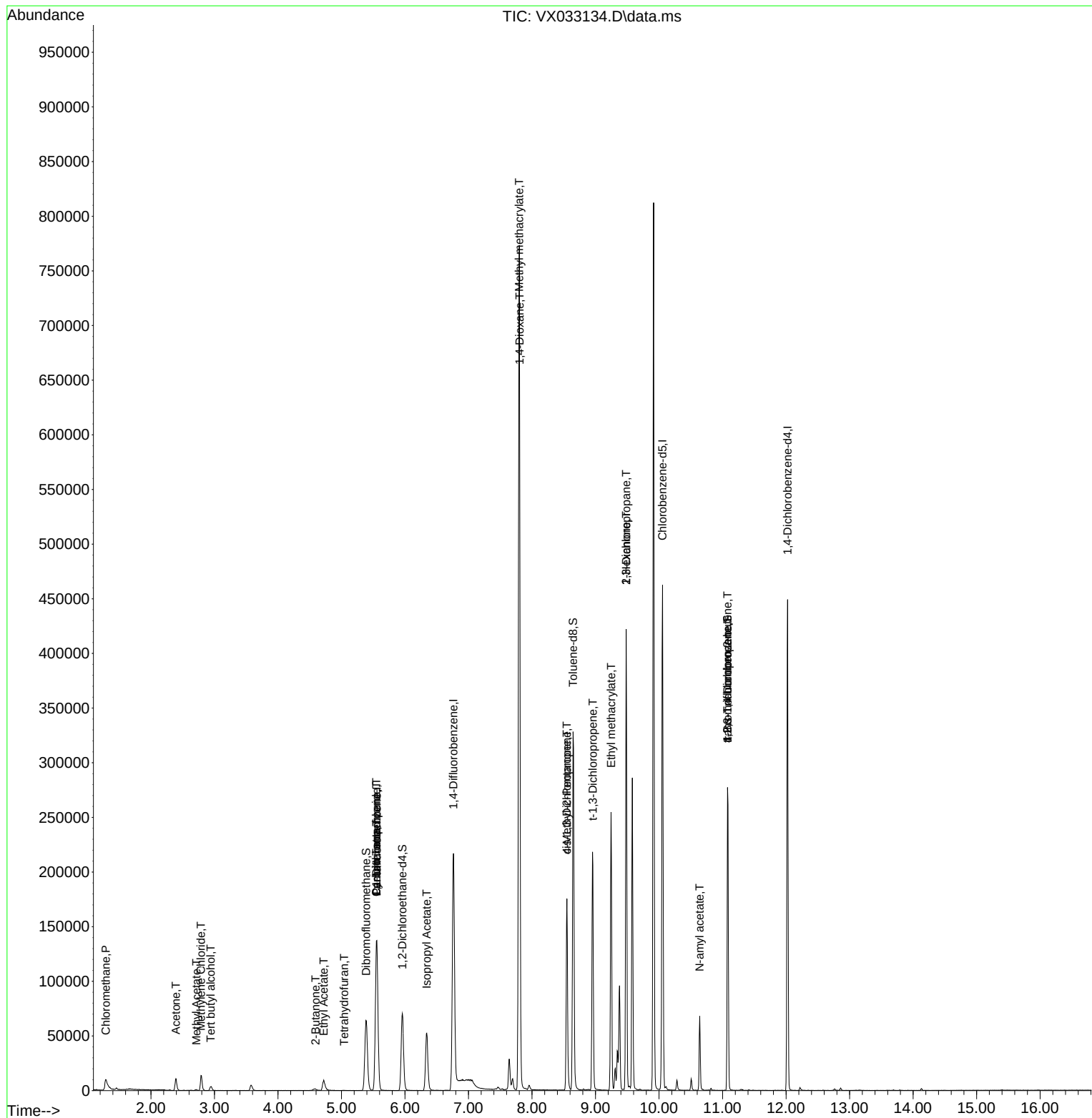
Internal Standards						
1) Pentafluorobenzene	5.556	168	129908	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	214267	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	198733	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	89627	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	71798	56.999	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 114.000%			
35) Dibromofluoromethane	5.385	113	56610	46.864	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 93.720%			
50) Toluene-d8	8.647	98	196860	54.352	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 108.700%			
62) 4-Bromofluorobenzene	11.079	95	72260	45.539	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 91.080%			
Target Compounds					Qvalue	
3) Chloromethane	1.288	50	515	0.481	ug/l #	43
11) Tert butyl alcohol	2.940	59	2463	12.282	ug/l #	72
16) Acetone	2.392	43	13448	22.761	ug/l	95
18) Methyl Acetate	2.715	43	1389	0.849	ug/l #	89
20) Methylene Chloride	2.788	84	6610	4.188	ug/l	95
25) 2-Butanone	4.593	43	1303	1.599	ug/l #	83
29) Tetrahydrofuran	5.044	42	180	0.348	ug/l #	31
31) Cyclohexane	5.550	56	3036	1.481	ug/l #	10
36) 1,1-Dichloropropene	5.550	75	10198	5.280	ug/l #	50
37) Ethyl Acetate	4.721	43	16224	9.628	ug/l	98
38) Carbon Tetrachloride	5.550	117	13567	6.332	ug/l #	17
43) Isopropyl Acetate	6.342	43	71971	25.825	ug/l	100
48) Methyl methacrylate	7.799	41	69886	48.718	ug/l #	44
49) 1,4-Dioxane	7.805	88	69	2.613	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	60453	35.154	ug/l #	49
53) t-1,3-Dichloropropene	8.958	75	520	1.750	ug/l #	43
54) cis-1,3-Dichloropropene	8.549	75	25783	11.853	ug/l #	64
56) Ethyl methacrylate	9.244	69	630	0.315	ug/l #	1
57) 1,3-Dichloropropane	9.482	76	3375	1.441	ug/l #	42
59) 2-Hexanone	9.482	43	49539	38.997	ug/l #	51
74) N-amyl acetate	10.640	43	17141	7.867	ug/l #	52
76) 1,2,3-Trichloropropane	11.079	75	38013	22.395	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	38013	72.794	ug/l #	6

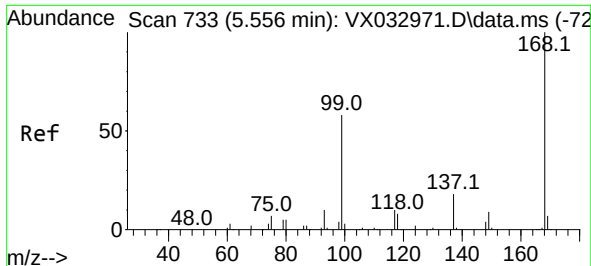
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX113022\
Data File : VX033134.D
Acq On : 30 Nov 2022 16:05
Operator : JC/MD
Sample : N5812-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MH-16

Quant Time: Dec 01 00:21:33 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 22 13:58:46 2022
Response via : Initial Calibration

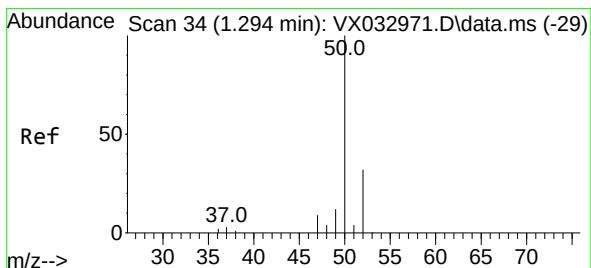
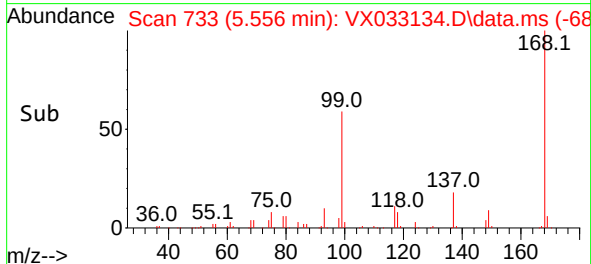
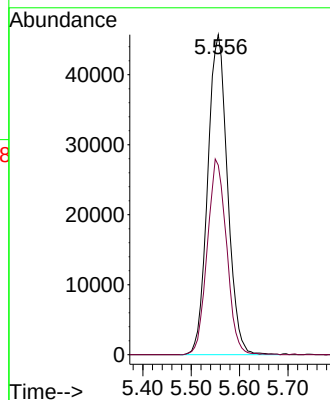
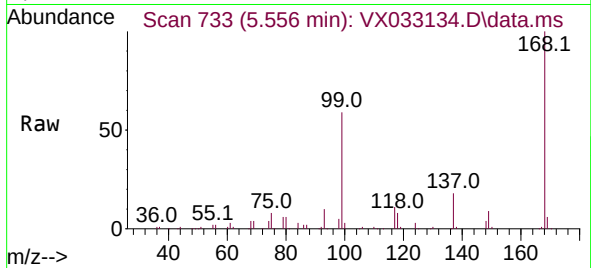




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033134.D
Acq: 30 Nov 2022 16:05

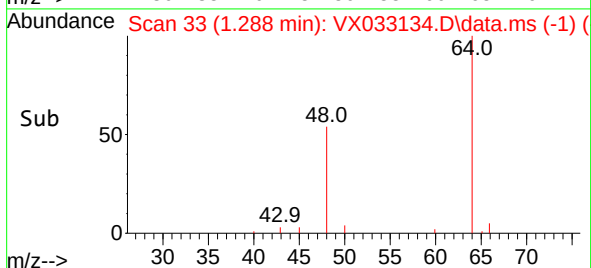
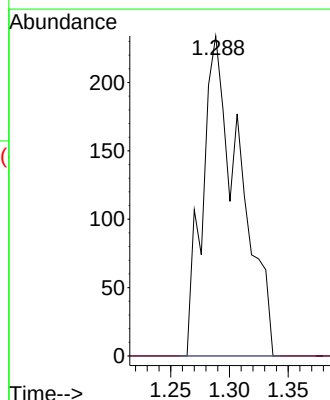
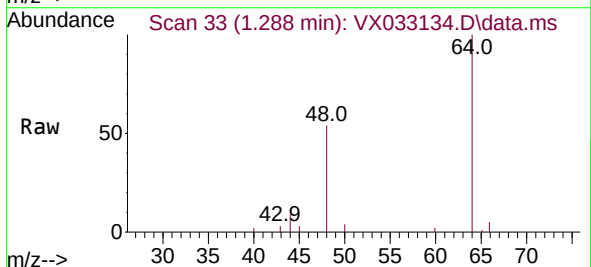
Instrument :
MSVOA_X
ClientSampleId :
MH-16

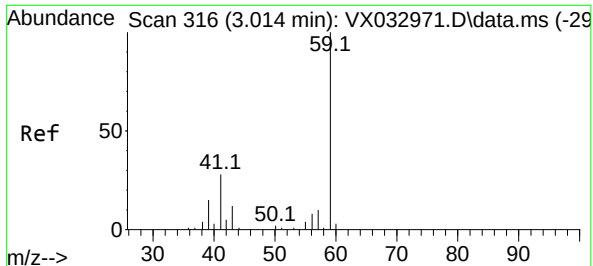
Tgt Ion:168 Resp: 129908
Ion Ratio Lower Upper
168 100
99 59.2 46.1 69.1



#3
Chloromethane
Concen: 0.481 ug/l
RT: 1.288 min Scan# 33
Delta R.T. -0.006 min
Lab File: VX033134.D
Acq: 30 Nov 2022 16:05

Tgt Ion: 50 Resp: 515
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.2#

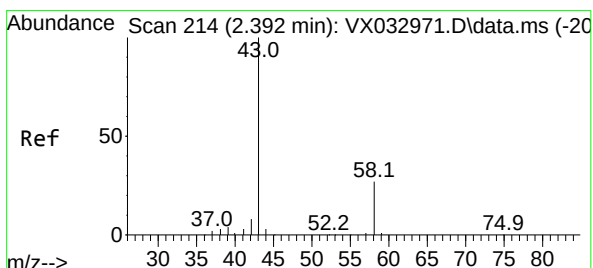
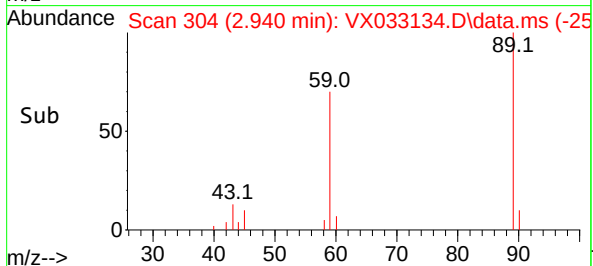
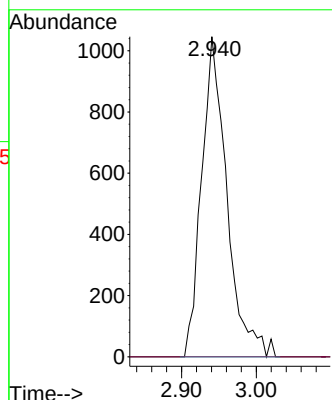
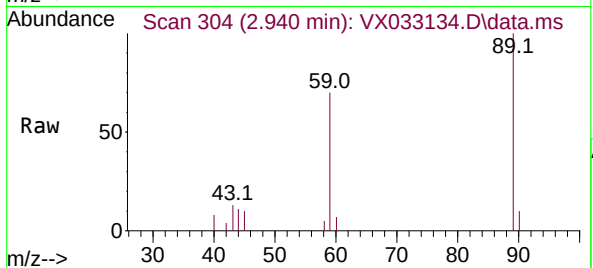




#11
Tert butyl alcohol
Concen: 12.282 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.025 min
Lab File: VX033134.D
Acq: 30 Nov 2022 16:05

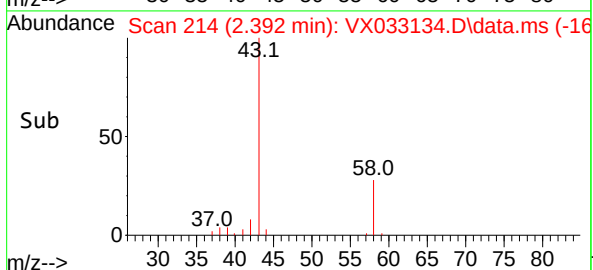
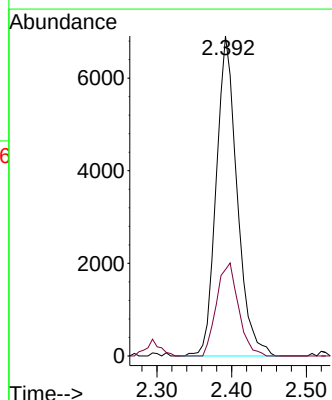
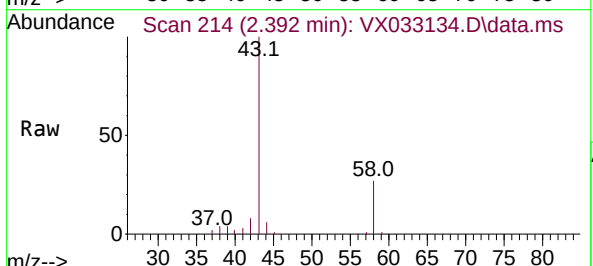
Instrument :
MSVOA_X
ClientSampleId :
MH-16

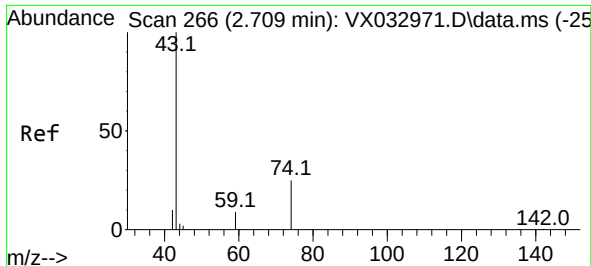
Tgt Ion: 59 Resp: 2463
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#16
Acetone
Concen: 22.761 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.012 min
Lab File: VX033134.D
Acq: 30 Nov 2022 16:05

Tgt Ion: 43 Resp: 13448
Ion Ratio Lower Upper
43 100
58 27.0 23.8 35.8





#18

Methyl Acetate

Concen: 0.849 ug/l

RT: 2.715 min Scan# 2

Delta R.T. 0.012 min

Lab File: VX033134.D

Acq: 30 Nov 2022 16:05

Instrument :

MSVOA_X

ClientSampleId :

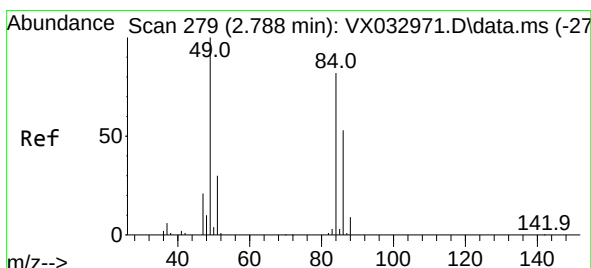
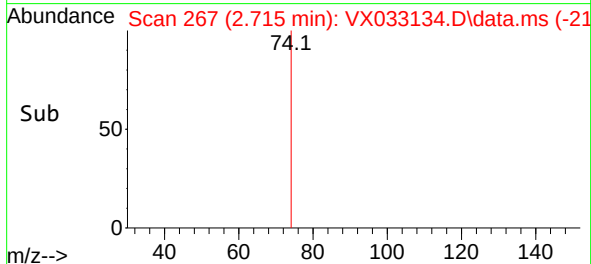
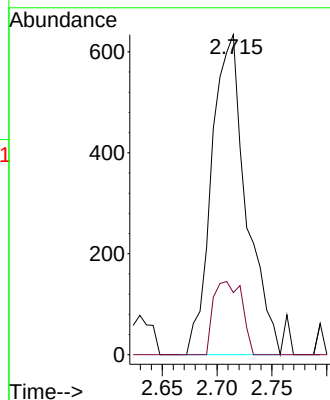
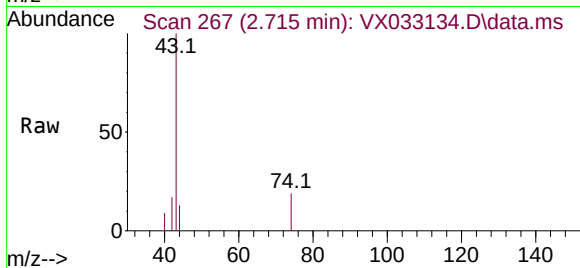
MH-16

Tgt Ion: 43 Resp: 1389

Ion Ratio Lower Upper

43 100

74 18.8 19.4 29.0#



#20

Methylene Chloride

Concen: 4.188 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX033134.D

Acq: 30 Nov 2022 16:05

Tgt Ion: 84 Resp: 6610

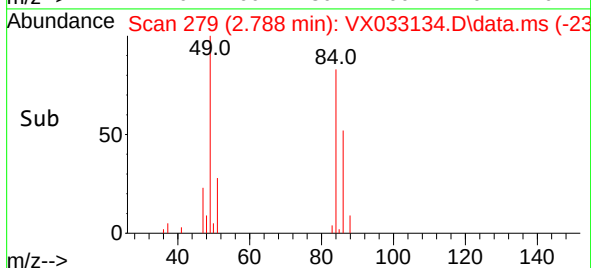
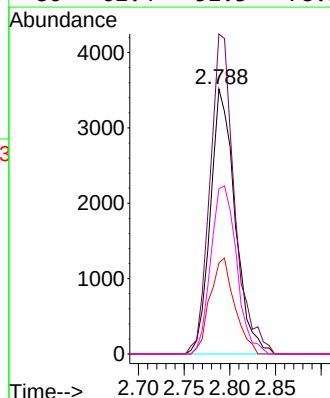
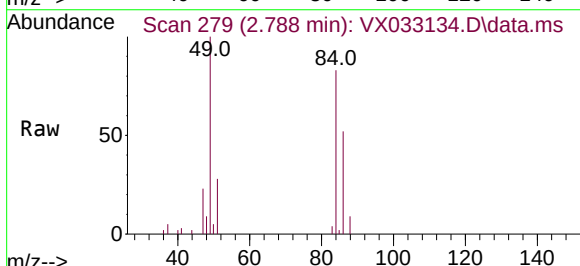
Ion Ratio Lower Upper

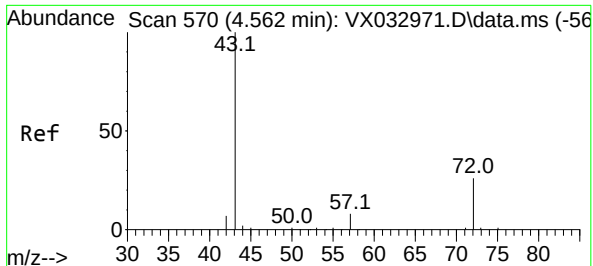
84 100

49 120.8 101.0 151.6

51 34.4 31.1 46.7

86 62.4 52.3 78.5





#25

2-Butanone

Concen: 1.599 ug/l

RT: 4.593 min Scan# 51

Delta R.T. 0.037 min

Lab File: VX033134.D

Acq: 30 Nov 2022 16:05

Instrument :

MSVOA_X

ClientSampleId :

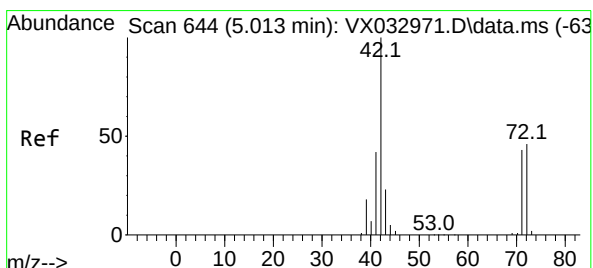
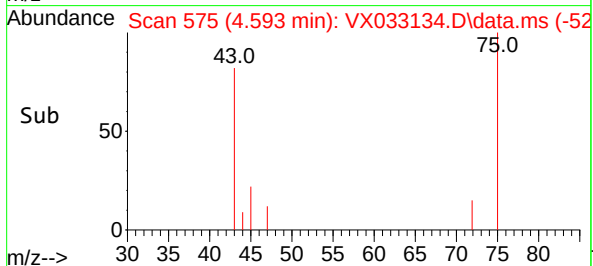
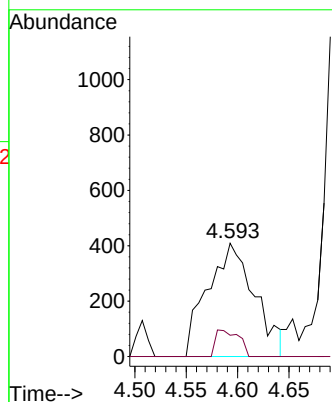
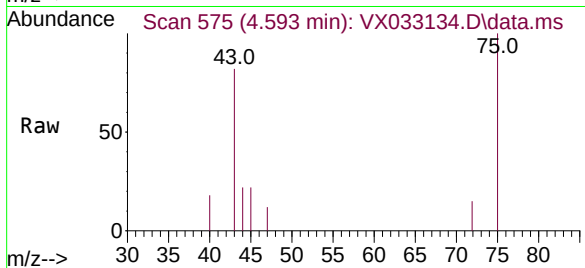
MH-16

Tgt Ion: 43 Resp: 1303

Ion Ratio Lower Upper

43 100

72 18.8 22.2 33.2#



#29

Tetrahydrofuran

Concen: 0.348 ug/l

RT: 5.044 min Scan# 649

Delta R.T. 0.043 min

Lab File: VX033134.D

Acq: 30 Nov 2022 16:05

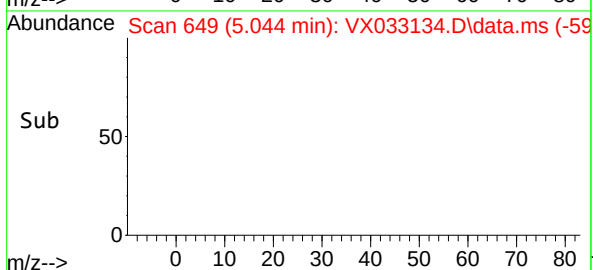
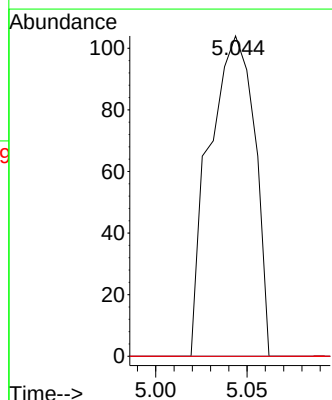
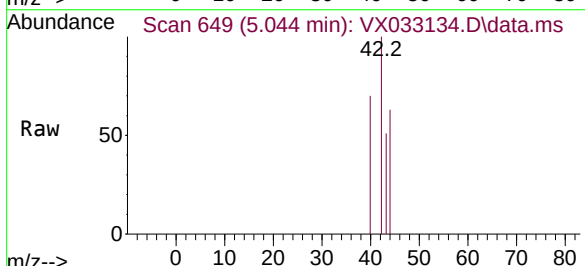
Tgt Ion: 42 Resp: 180

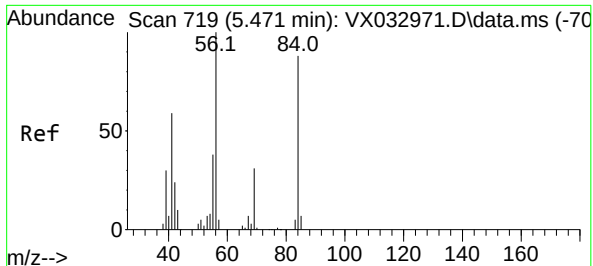
Ion Ratio Lower Upper

42 100

72 0.0 37.6 56.4#

71 0.0 34.7 52.1#

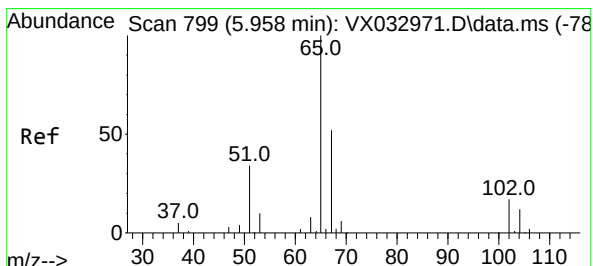
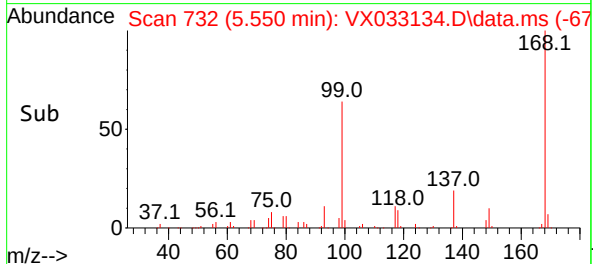
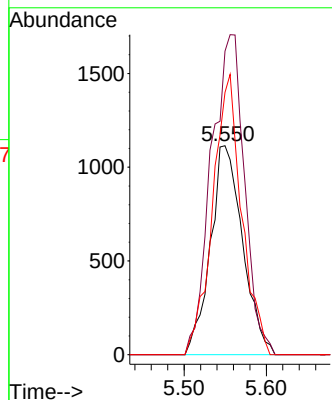
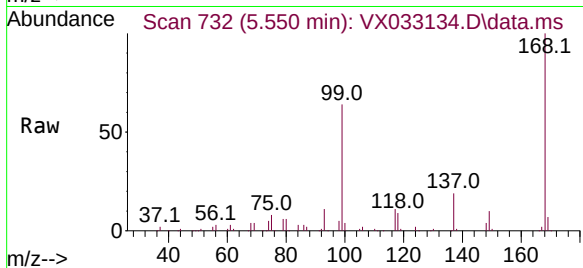




#31
Cyclohexane
Concen: 1.481 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.080 min
Lab File: VX033134.D
Acq: 30 Nov 2022 16:05

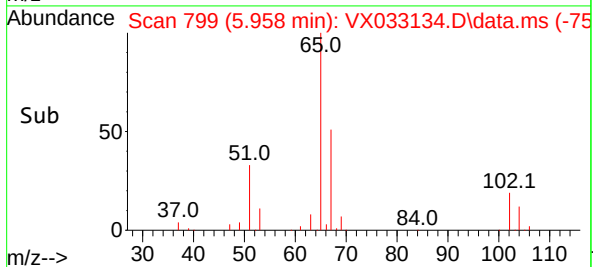
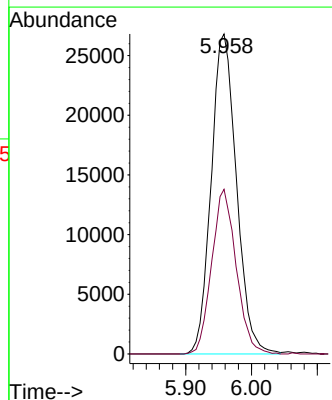
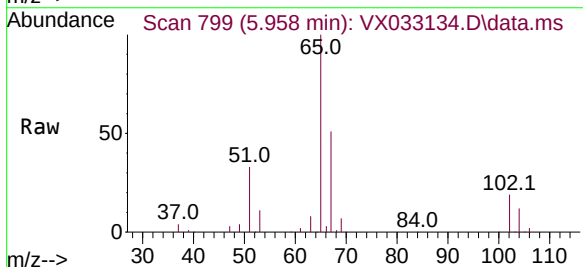
Instrument :
MSVOA_X
ClientSampleId :
MH-16

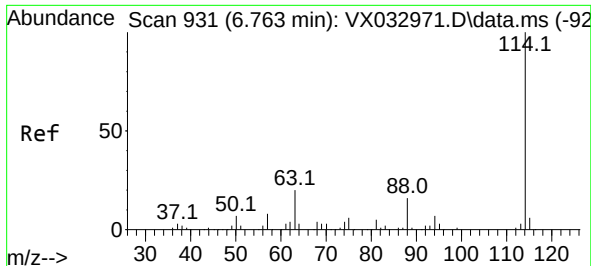
Tgt Ion: 56 Resp: 3036
Ion Ratio Lower Upper
56 100
69 145.2 24.1 36.1#
84 125.5 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 56.999 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX033134.D
Acq: 30 Nov 2022 16:05

Tgt Ion: 65 Resp: 71798
Ion Ratio Lower Upper
65 100
67 49.8 0.0 101.8

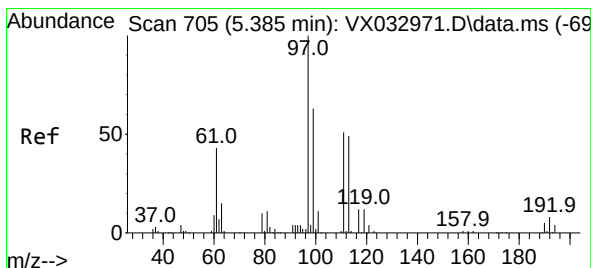
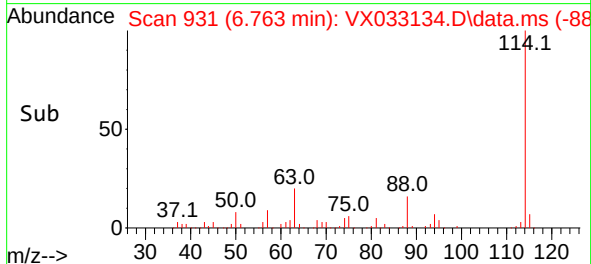
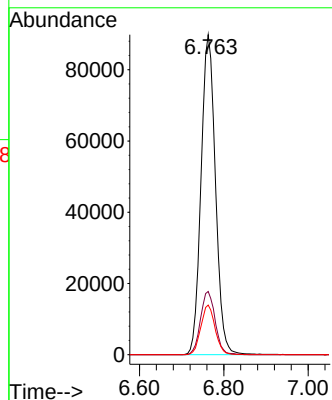
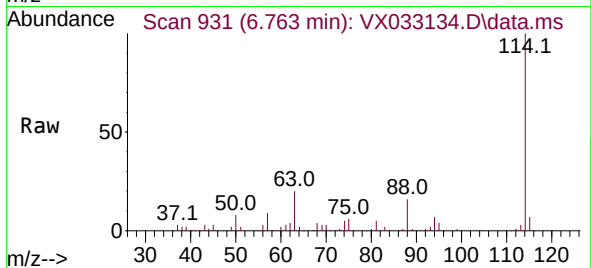




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX033134.D
Acq: 30 Nov 2022 16:05

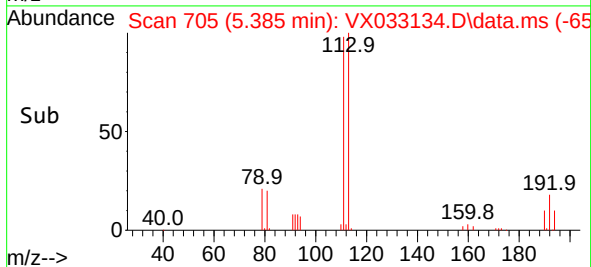
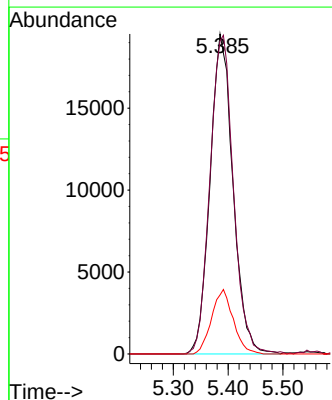
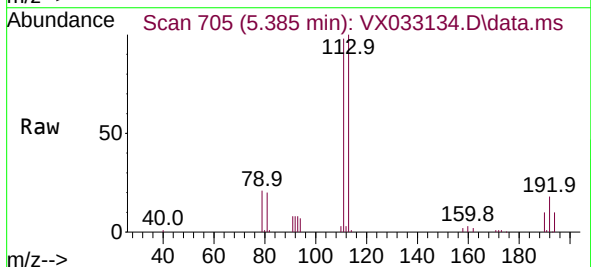
Instrument :
MSVOA_X
ClientSampleId :
MH-16

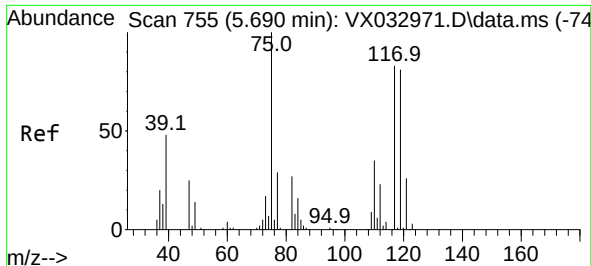
Tgt Ion:114 Resp: 214267
Ion Ratio Lower Upper
114 100
63 19.8 0.0 41.6
88 15.5 0.0 33.4



#35
Dibromofluoromethane
Concen: 46.864 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX033134.D
Acq: 30 Nov 2022 16:05

Tgt Ion:113 Resp: 56610
Ion Ratio Lower Upper
113 100
111 101.6 82.4 123.6
192 19.1 15.4 23.2





#36

1,1-Dichloropropene

Concen: 5.280 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.146 min

Lab File: VX033134.D

Acq: 30 Nov 2022 16:05

Instrument :

MSVOA_X

ClientSampleId :

MH-16

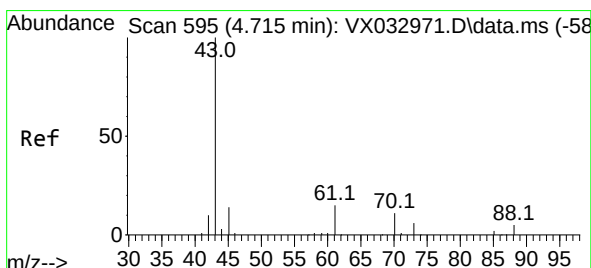
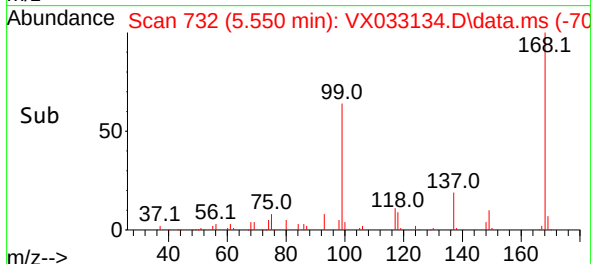
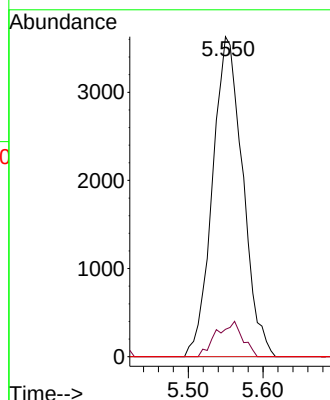
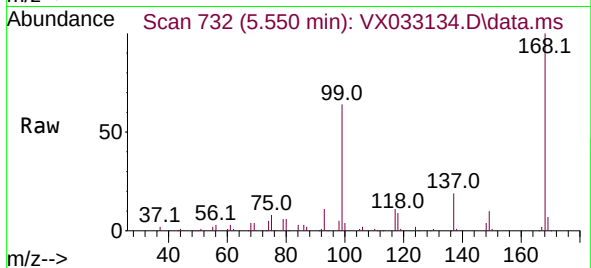
Tgt Ion: 75 Resp: 10198

Ion Ratio Lower Upper

75 100

110 9.5 18.4 55.2#

77 0.0 24.5 36.7#



#37

Ethyl Acetate

Concen: 9.628 ug/l

RT: 4.721 min Scan# 596

Delta R.T. 0.006 min

Lab File: VX033134.D

Acq: 30 Nov 2022 16:05

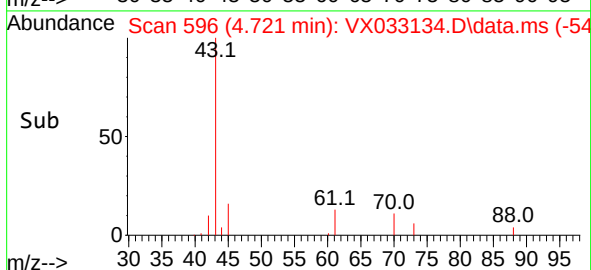
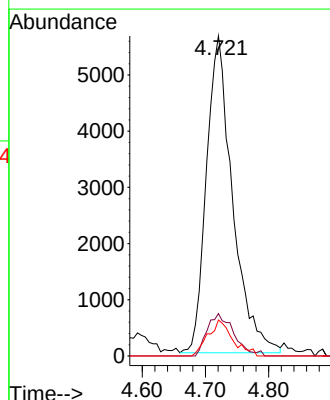
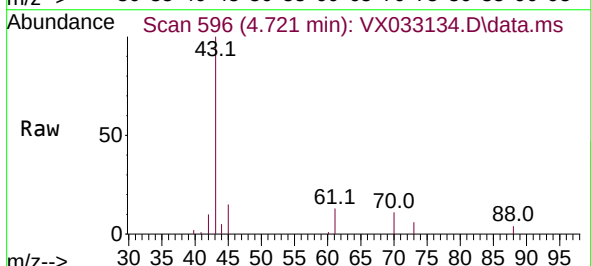
Tgt Ion: 43 Resp: 16224

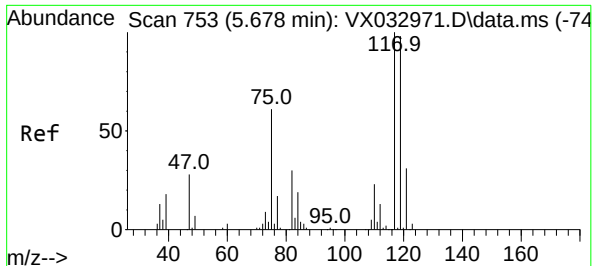
Ion Ratio Lower Upper

43 100

61 13.6 11.5 17.3

70 10.6 9.1 13.7

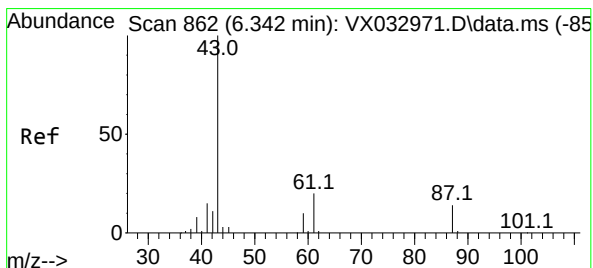
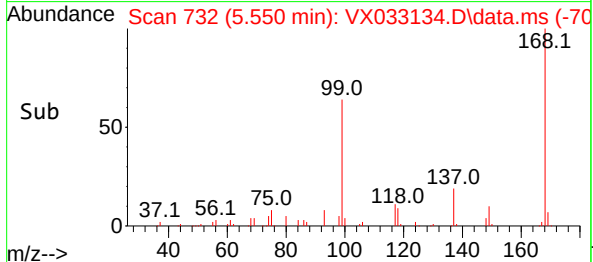
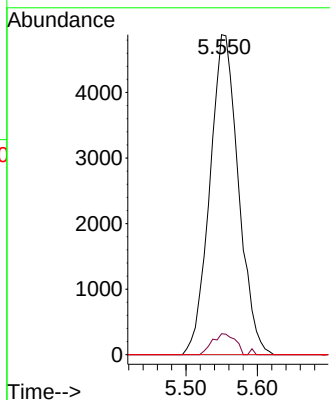
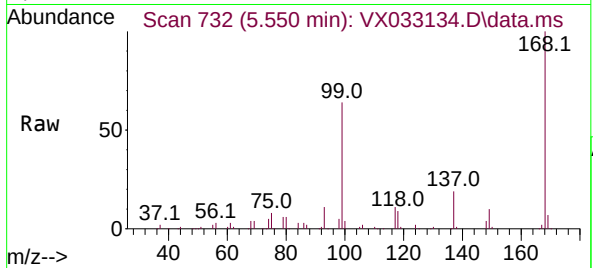




#38
Carbon Tetrachloride
Concen: 6.332 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX033134.D
Acq: 30 Nov 2022 16:05

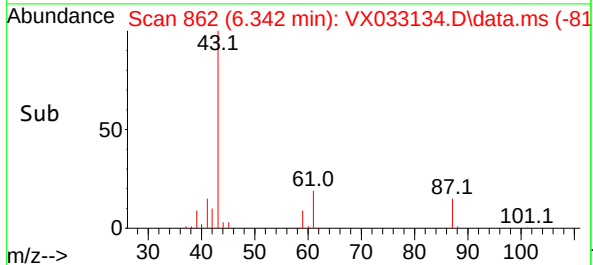
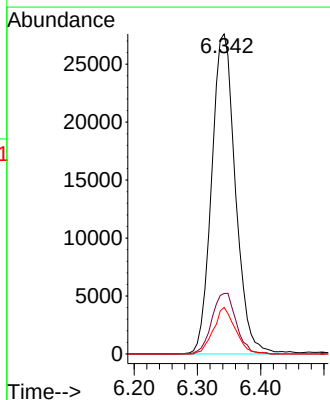
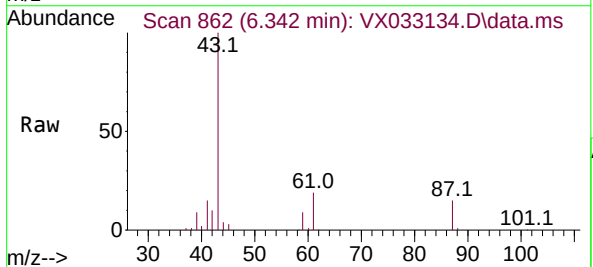
Instrument :
MSVOA_X
ClientSampleId :
MH-16

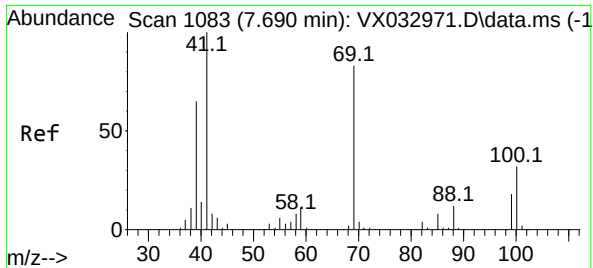
Tgt Ion:117 Resp: 13567
Ion Ratio Lower Upper
117 100
119 6.6 77.2 115.8#
121 0.0 25.8 38.6#



#43
Isopropyl Acetate
Concen: 25.825 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX033134.D
Acq: 30 Nov 2022 16:05

Tgt Ion: 43 Resp: 71971
Ion Ratio Lower Upper
43 100
61 19.4 15.4 23.0
87 13.4 10.8 16.2

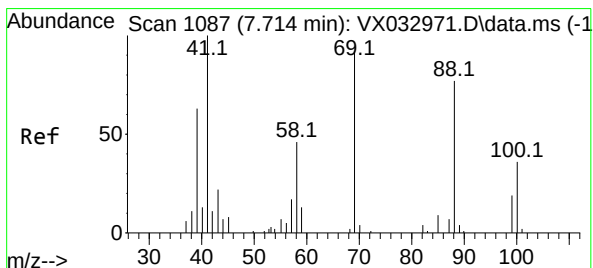
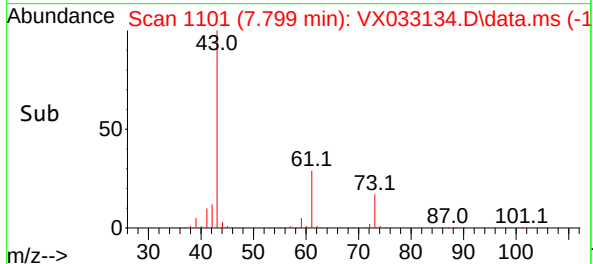
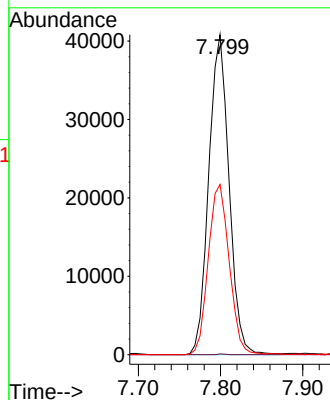
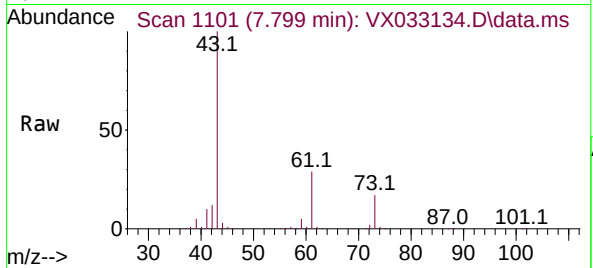




#48
Methyl methacrylate
Concen: 48.718 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.103 min
Lab File: VX033134.D
Acq: 30 Nov 2022 16:05

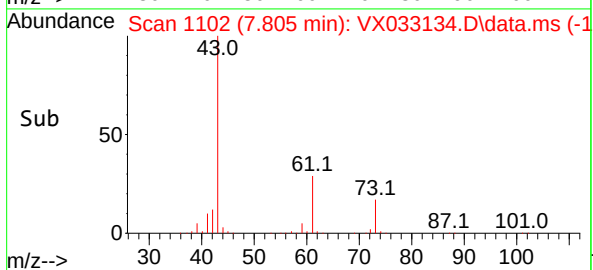
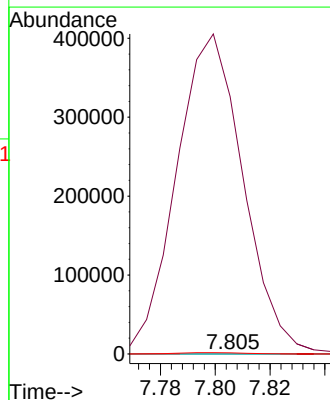
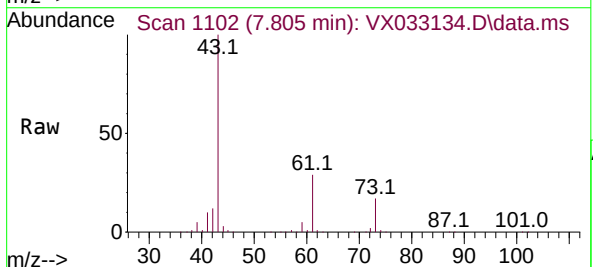
Instrument :
MSVOA_X
ClientSampleId :
MH-16

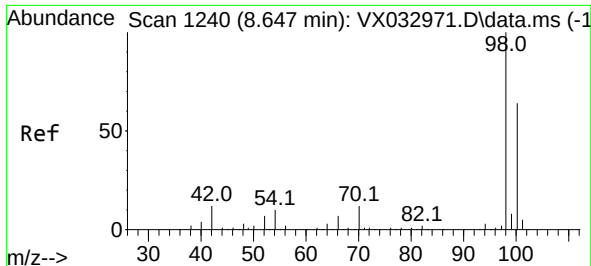
Tgt Ion: 41 Resp: 69886
Ion Ratio Lower Upper
41 100
69 0.1 65.1 97.7#
39 55.1 51.9 77.9



#49
1,4-Dioxane
Concen: 2.613 ug/l
RT: 7.805 min Scan# 1102
Delta R.T. 0.134 min
Lab File: VX033134.D
Acq: 30 Nov 2022 16:05

Tgt Ion: 88 Resp: 69
Ion Ratio Lower Upper
88 100
43 1005402.9 26.6 39.8#
58 4137.7 51.7 77.5#

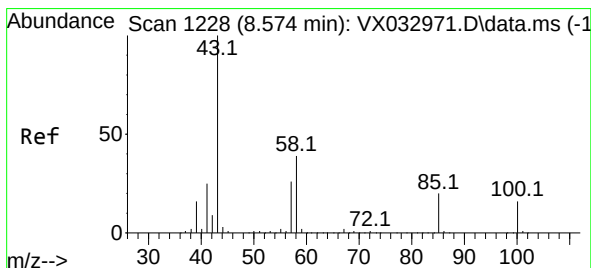
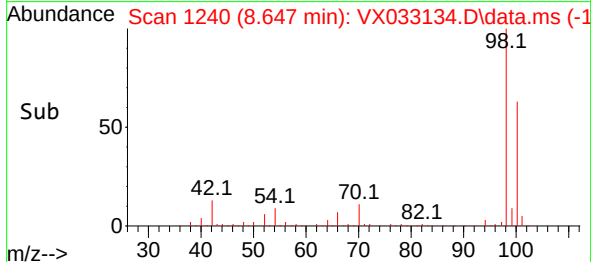
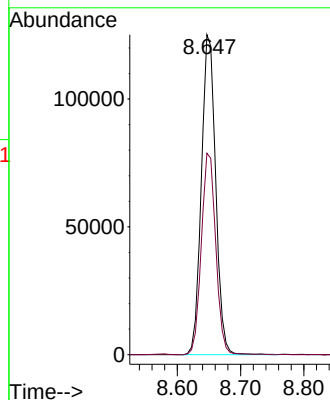
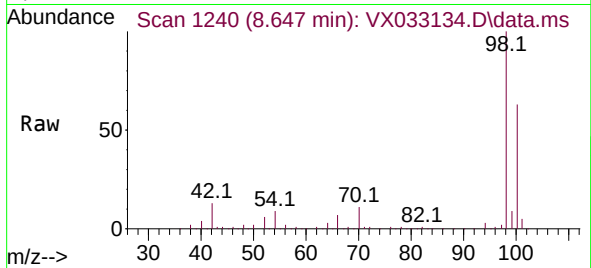




#50
Toluene-d8
Concen: 54.352 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX033134.D
Acq: 30 Nov 2022 16:05

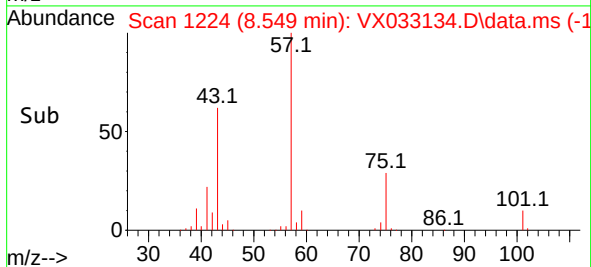
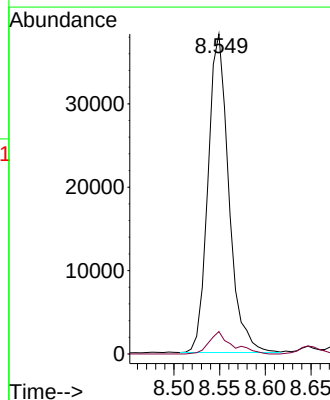
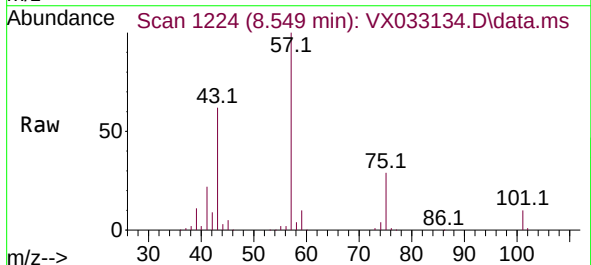
Instrument :
MSVOA_X
ClientSampleId :
MH-16

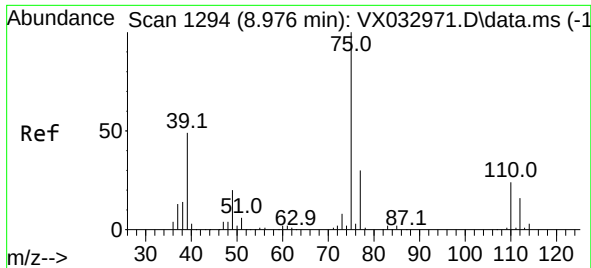
Tgt Ion: 98 Resp: 196860
Ion Ratio Lower Upper
98 100
100 63.6 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 35.154 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.025 min
Lab File: VX033134.D
Acq: 30 Nov 2022 16:05

Tgt Ion: 43 Resp: 60453
Ion Ratio Lower Upper
43 100
58 7.7 30.9 46.3#

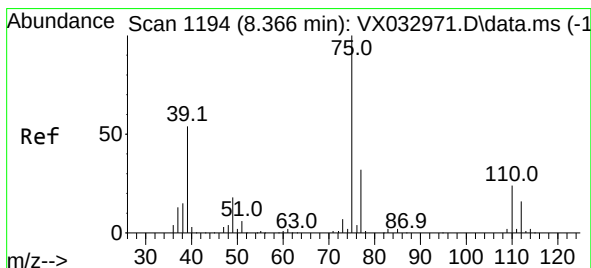
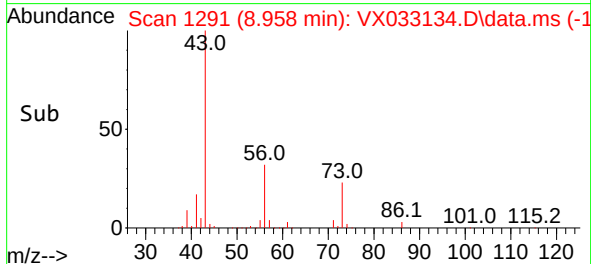
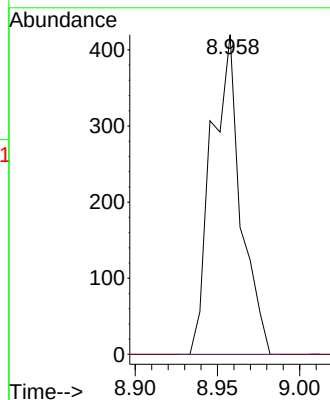
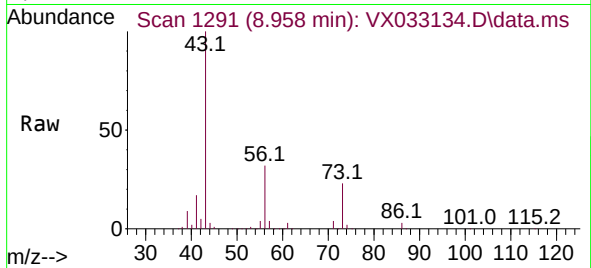




#53
 t-1,3-Dichloropropene
 Concen: 1.750 ug/l
 RT: 8.958 min Scan# 1124
 Delta R.T. -0.024 min
 Lab File: VX033134.D
 Acq: 30 Nov 2022 16:05

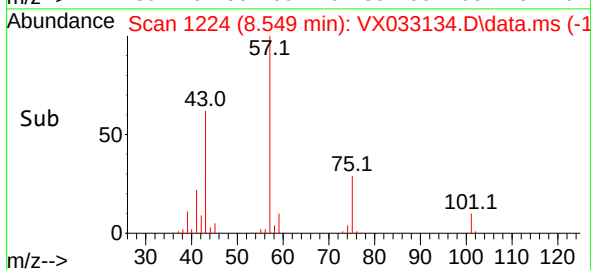
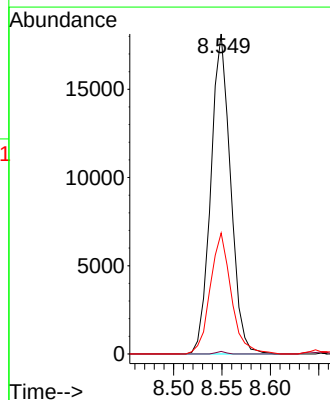
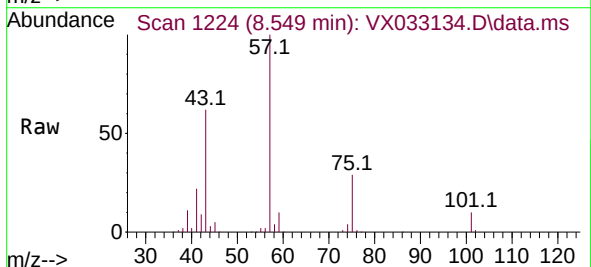
Instrument :
 MSVOA_X
 ClientSampleId :
 MH-16

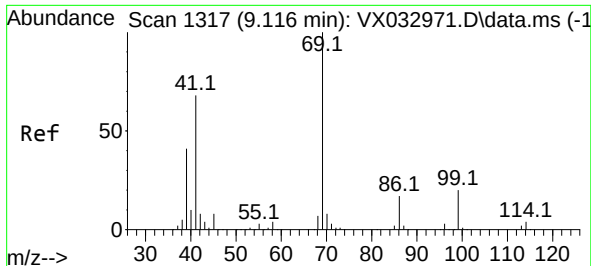
Tgt Ion: 75 Resp: 520
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.1 37.7#



#54
 cis-1,3-Dichloropropene
 Concen: 11.853 ug/l
 RT: 8.549 min Scan# 1224
 Delta R.T. 0.183 min
 Lab File: VX033134.D
 Acq: 30 Nov 2022 16:05

Tgt Ion: 75 Resp: 25783
 Ion Ratio Lower Upper
 75 100
 77 0.8 25.1 37.7#
 39 37.8 45.5 68.3#

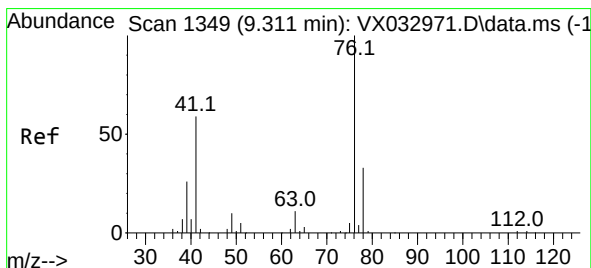
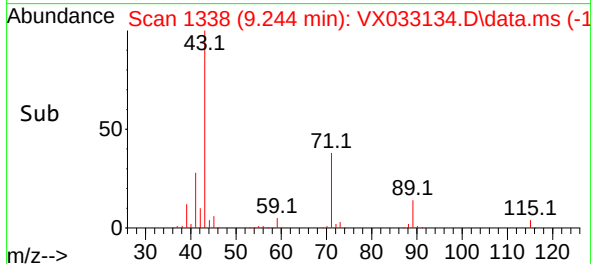
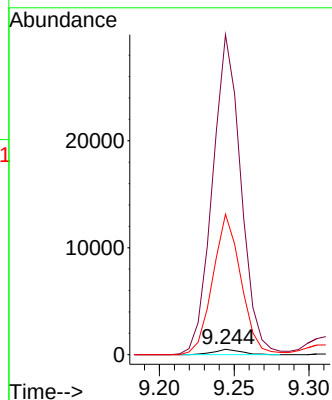
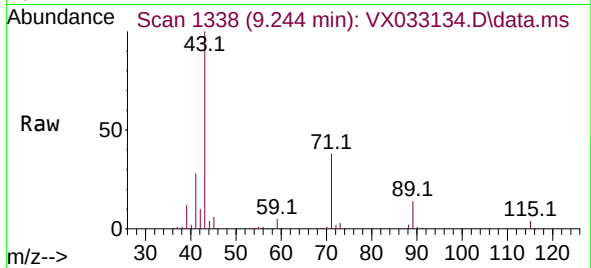




#56
Ethyl methacrylate
Concen: 0.315 ug/l
RT: 9.244 min Scan# 1338
Delta R.T. 0.128 min
Lab File: VX033134.D
Acq: 30 Nov 2022 16:05

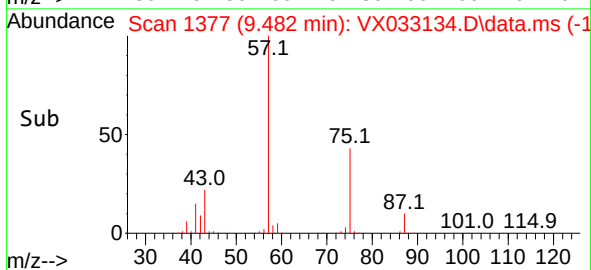
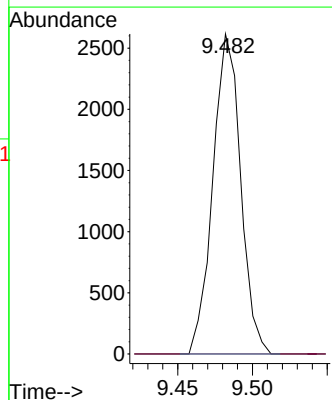
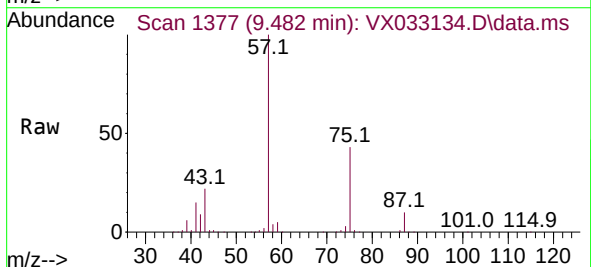
Instrument :
MSVOA_X
ClientSampleId :
MH-16

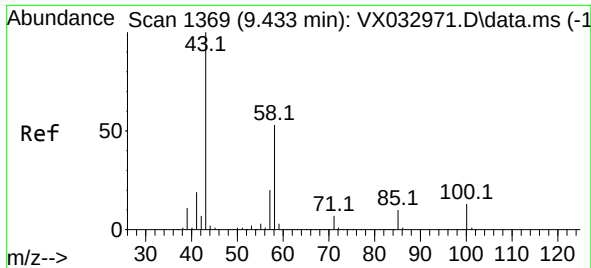
Tgt Ion: 69 Resp: 630
Ion Ratio Lower Upper
69 100
41 6316.7 54.3 81.5#
39 2750.5 35.2 52.8#



#57
1,3-Dichloropropane
Concen: 1.441 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.171 min
Lab File: VX033134.D
Acq: 30 Nov 2022 16:05

Tgt Ion: 76 Resp: 3375
Ion Ratio Lower Upper
76 100
78 0.0 26.0 39.0#

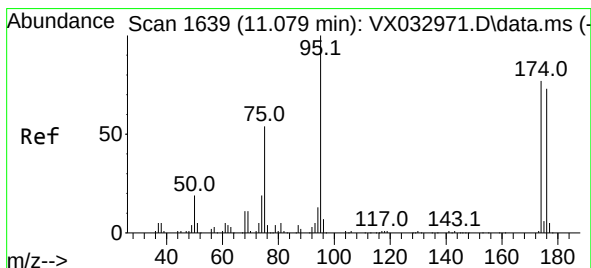
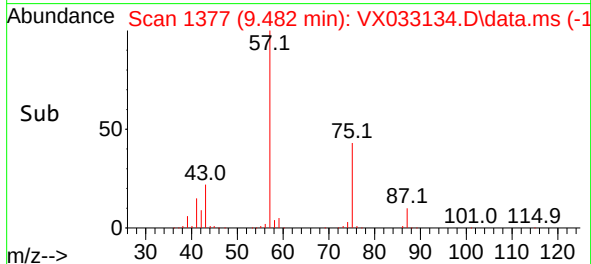
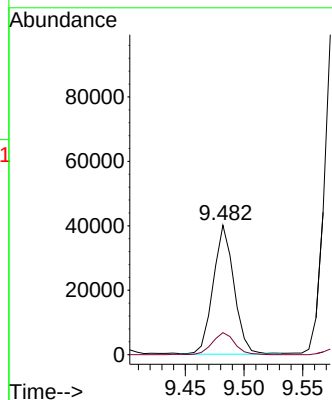
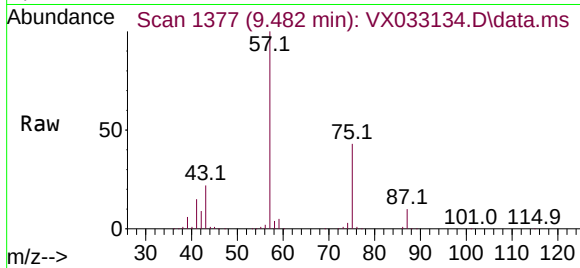




#59
2-Hexanone
Concen: 38.997 ug/l
RT: 9.482 min Scan# 11
Delta R.T. 0.049 min
Lab File: VX033134.D
Acq: 30 Nov 2022 16:05

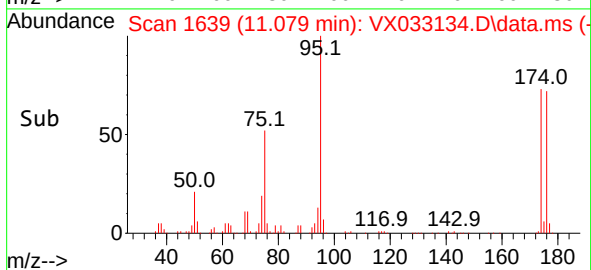
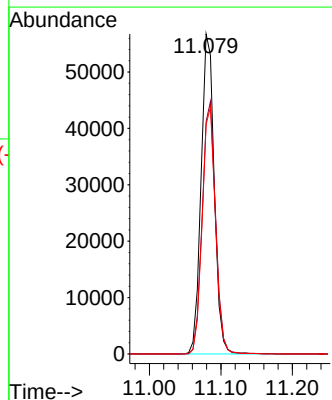
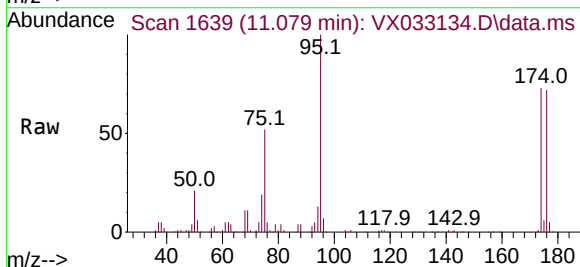
Instrument :
MSVOA_X
ClientSampleId :
MH-16

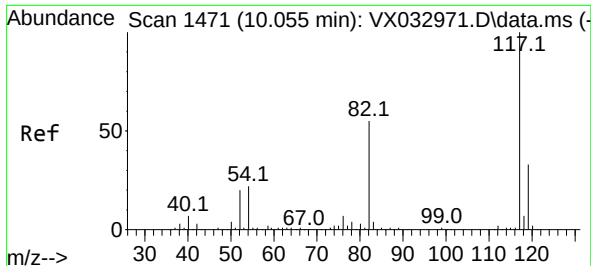
Tgt Ion: 43 Resp: 49539
Ion Ratio Lower Upper
43 100
58 18.4 26.5 79.5#



#62
4-Bromofluorobenzene
Concen: 45.539 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX033134.D
Acq: 30 Nov 2022 16:05

Tgt Ion: 95 Resp: 72260
Ion Ratio Lower Upper
95 100
174 80.7 0.0 164.0
176 78.1 0.0 154.4

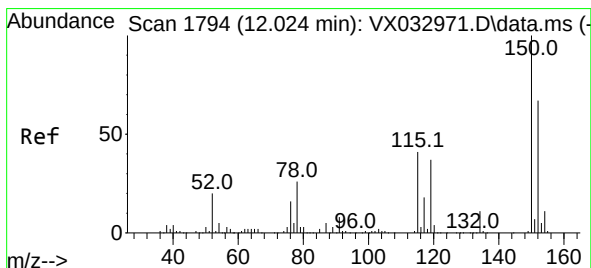
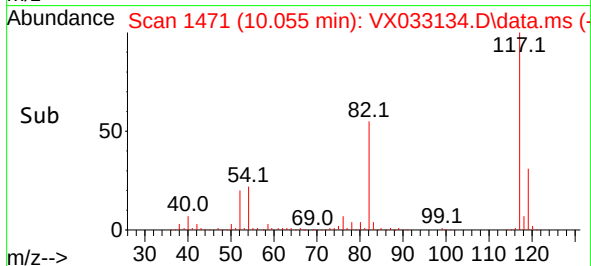
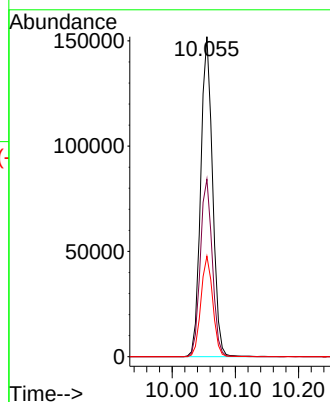
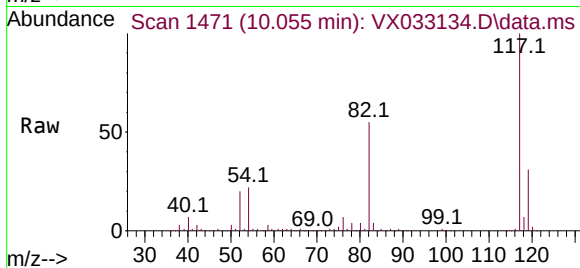




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033134.D
Acq: 30 Nov 2022 16:05

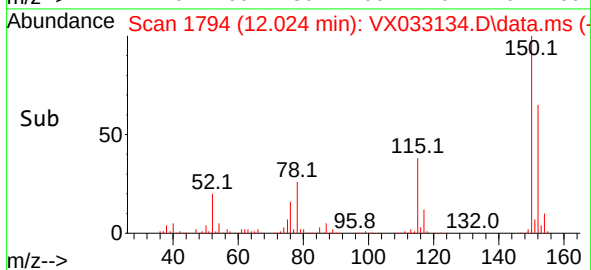
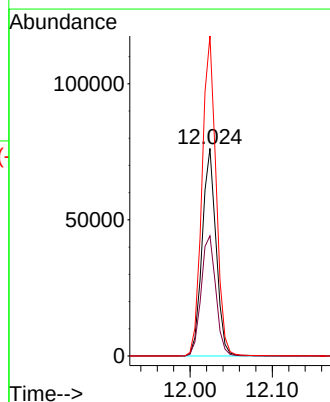
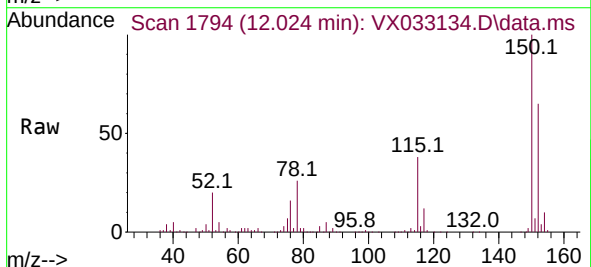
Instrument :
MSVOA_X
ClientSampleId :
MH-16

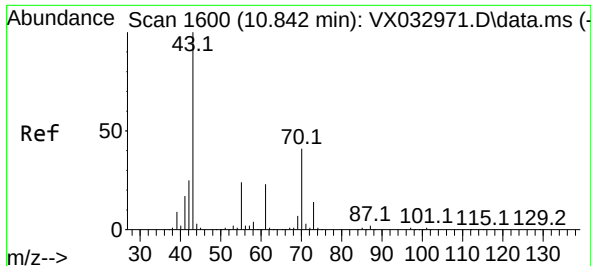
Tgt Ion:117 Resp: 198733
Ion Ratio Lower Upper
117 100
82 55.5 44.3 66.5
119 31.4 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033134.D
Acq: 30 Nov 2022 16:05

Tgt Ion:152 Resp: 89627
Ion Ratio Lower Upper
152 100
115 61.1 44.0 132.0
150 155.9 0.0 351.8

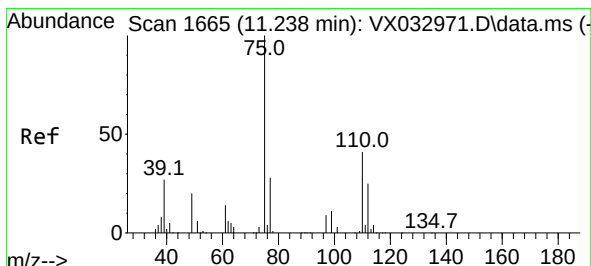
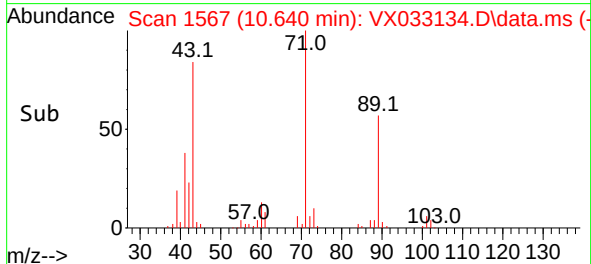
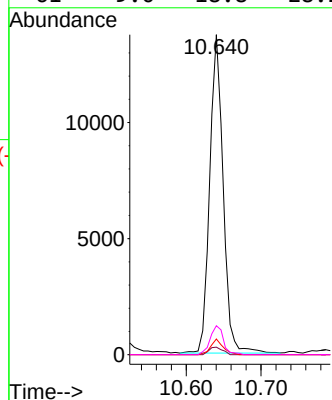
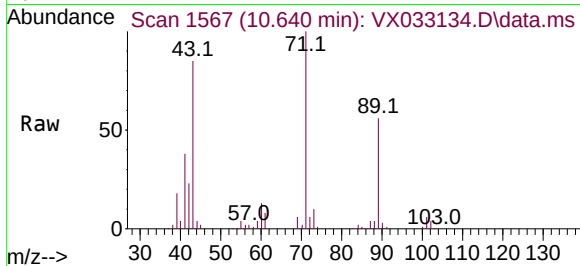




#74
N-amy1 acetate
Concen: 7.867 ug/l
RT: 10.640 min Scan# 1639
Delta R.T. -0.201 min
Lab File: VX033134.D
Acq: 30 Nov 2022 16:05

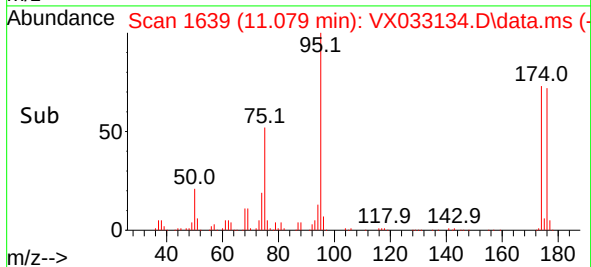
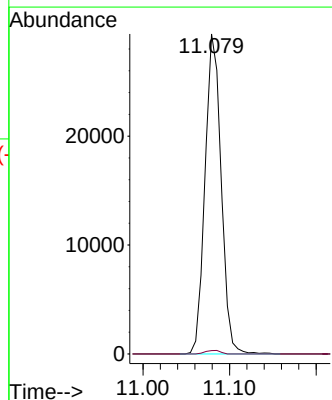
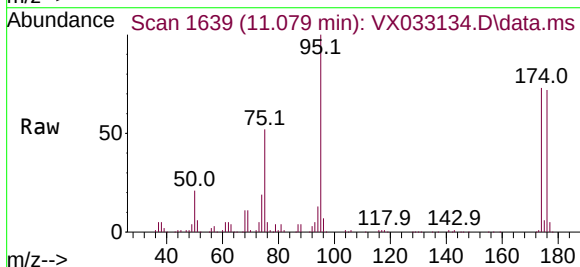
Instrument :
MSVOA_X
ClientSampleId :
MH-16

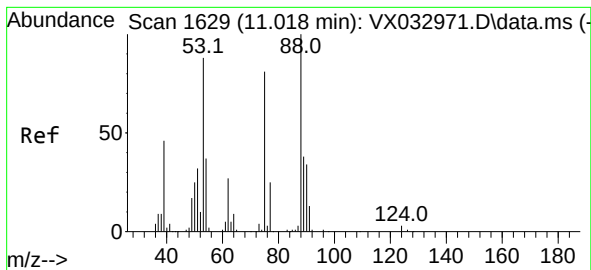
Tgt Ion: 43	Resp: 17141
Ion Ratio	Lower Upper
43	100
70	2.4 33.6 50.4#
55	4.5 19.4 29.2#
61	9.0 18.8 28.2#



#76
1,2,3-Trichloropropane
Concen: 22.395 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX033134.D
Acq: 30 Nov 2022 16:05

Tgt Ion: 75	Resp: 38013
Ion Ratio	Lower Upper
75	100
77	1.0 20.0 60.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 72.794 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX033134.D
 Acq: 30 Nov 2022 16:05

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-16

Tgt Ion: 75 Resp: 38013
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.9 130.3#
 89 0.0 38.3 57.5#

