

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112221\
 Data File : VU045915.D
 Acq On : 22 Nov 2021 15:39
 Operator : SY/MD
 Sample : PB140933TB
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 23 05:15:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U110521W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 05 13:35:16 2021
 Response via : Initial Calibration

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

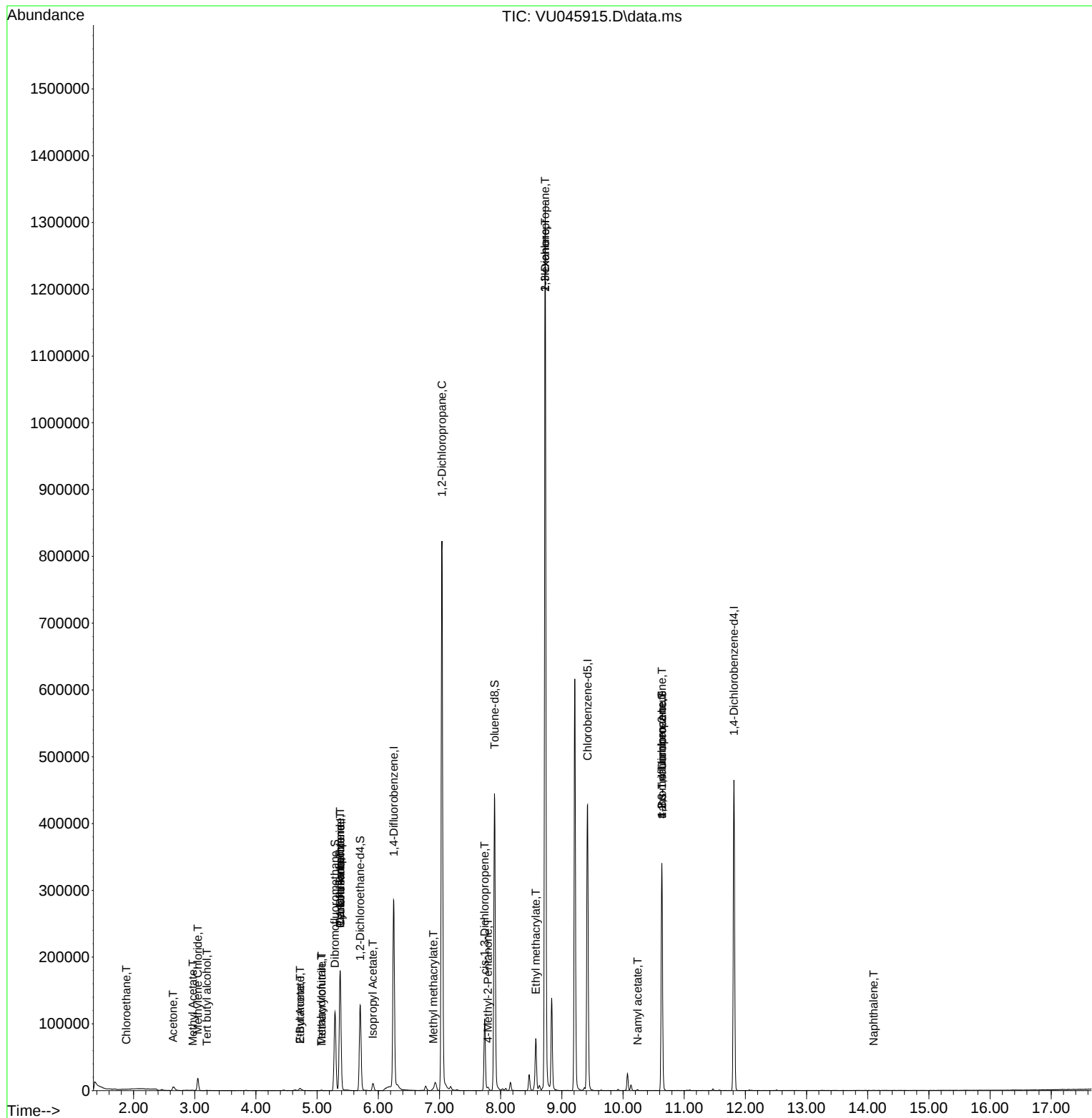
Internal Standards						
1) Pentafluorobenzene	5.378	168	120047	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	222818	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	240520	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	117544	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	94693	52.670	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 105.340%	
35) Dibromofluoromethane	5.292	113	76188	51.214	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.420%	
50) Toluene-d8	7.899	98	296423	53.586	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 107.180%	
62) 4-Bromofluorobenzene	10.635	95	113950	51.370	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 102.740%	
Target Compounds						
					Qvalue	
6) Chloroethane	1.883	64	496	0.438	ug/l #	41
11) Tert butyl alcohol	3.198	59	287	0.807	ug/l #	72
16) Acetone	2.645	43	11058	12.083	ug/l	93
18) Methyl Acetate	2.967	43	942	0.302	ug/l #	50
20) Methylene Chloride	3.050	84	8726	5.487	ug/l	99
25) 2-Butanone	4.719	43	6274	4.943	ug/l	97
29) Tetrahydrofuran	5.070	42	609	0.784	ug/l #	64
31) Cyclohexane	5.378	56	2583	0.985	ug/l #	1
36) 1,1-Dichloropropene	5.375	75	10445	4.808	ug/l #	49
37) Ethyl Acetate	4.719	43	6274	2.514	ug/l #	67
38) Carbon Tetrachloride	5.375	117	12892	5.886	ug/l #	15
41) Methacrylonitrile	5.076	41	284	0.215	ug/l #	22
43) Isopropyl Acetate	5.912	43	12024	3.150	ug/l	98
45) 1,2-Dichloropropane	7.041	63	1032	0.606	ug/l #	43
48) Methyl methacrylate	6.899	41	4320	2.459	ug/l #	13
51) 4-Methyl-2-Pentanone	7.793	43	3448	1.369	ug/l #	86
54) cis-1,3-Dichloropropene	7.738	75	19238	7.043	ug/l #	63
56) Ethyl methacrylate	8.574	69	639	2.632	ug/l #	1
57) 1,3-Dichloropropane	8.725	76	13417	4.564	ug/l #	42
59) 2-Hexanone	8.729	43	168821	82.261	ug/l #	50
74) N-amyl acetate	10.237	43	1048	0.302	ug/l #	40
76) 1,2,3-Trichloropropane	10.635	75	60850	17.071	ug/l #	42
81) trans-1,4-Dichloro-2-b...	10.635	75	60850	55.568	ug/l #	12
95) Naphthalene	14.098	128	283	1.058	ug/l #	69

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112221\
Data File : VU045915.D
Acq On : 22 Nov 2021 15:39
Operator : SY/MD
Sample : PB140933TB
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Nov 23 05:15:35 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U110521W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 05 13:35:16 2021
Response via : Initial Calibration

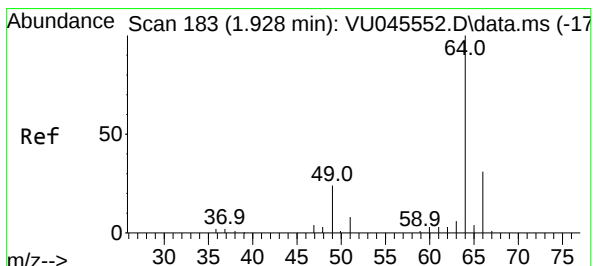
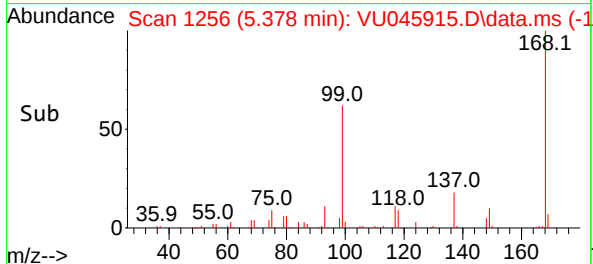
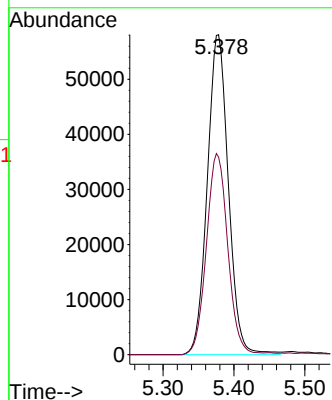
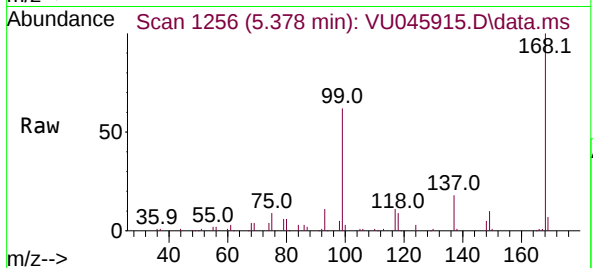




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.378 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU045915.D
Acq: 22 Nov 2021 15:39

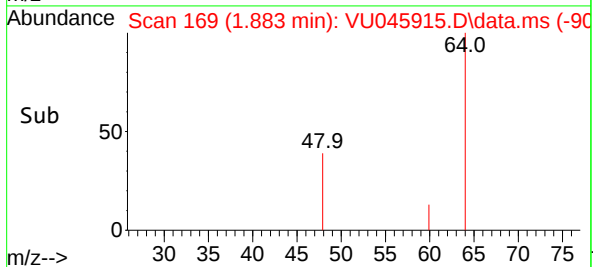
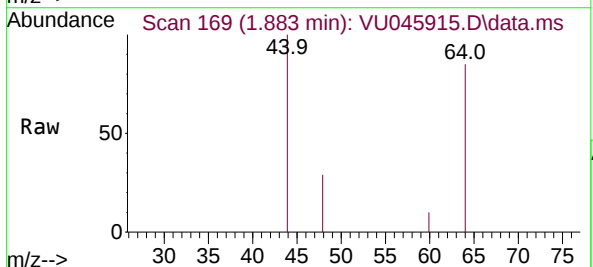
Instrument :
MSVOA_U
ClientSampleId :

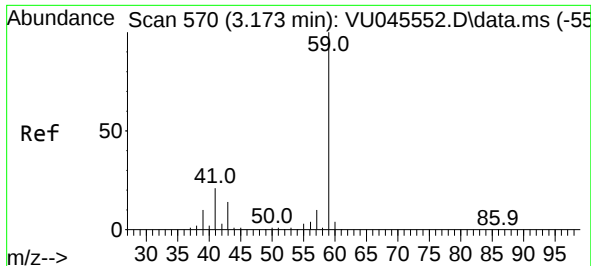
Tgt Ion:168 Resp: 120047
Ion Ratio Lower Upper
168 100
99 61.7 51.0 76.6



#6
Chloroethane
Concen: 0.438 ug/l
RT: 1.883 min Scan# 169
Delta R.T. -0.045 min
Lab File: VU045915.D
Acq: 22 Nov 2021 15:39

Tgt Ion: 64 Resp: 496
Ion Ratio Lower Upper
64 100
66 0.0 26.7 40.1#

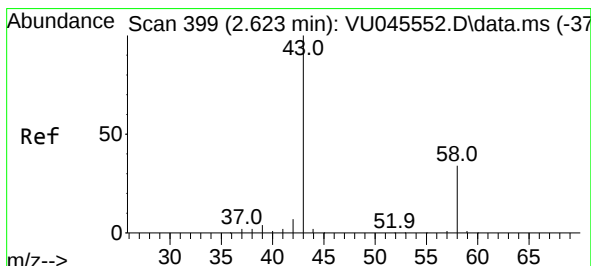
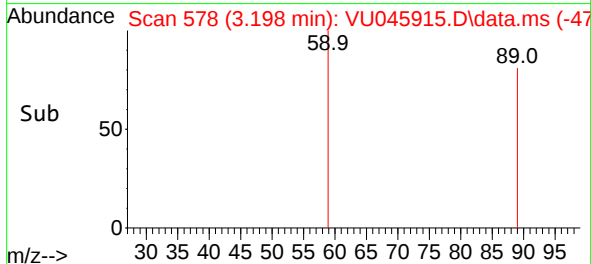
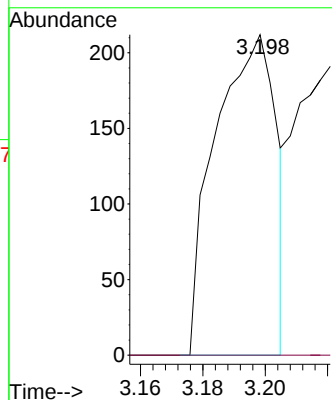
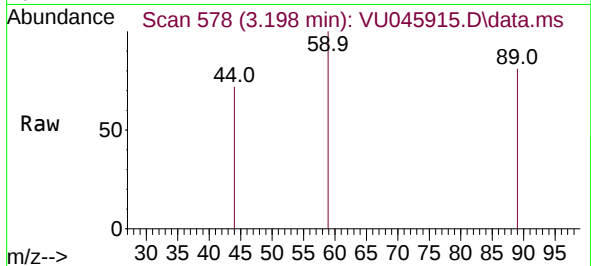




#11
Tert butyl alcohol
Concen: 0.807 ug/l
RT: 3.198 min Scan# 51
Delta R.T. 0.026 min
Lab File: VU045915.D
Acq: 22 Nov 2021 15:39

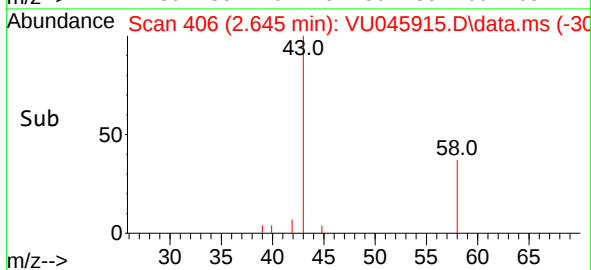
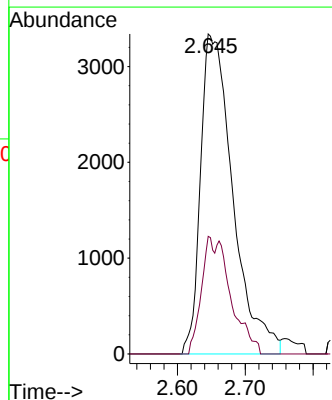
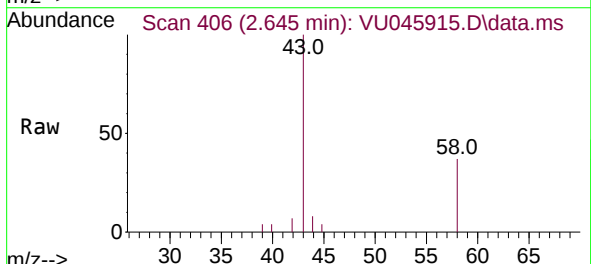
Instrument :
MSVOA_U
ClientSampleId :

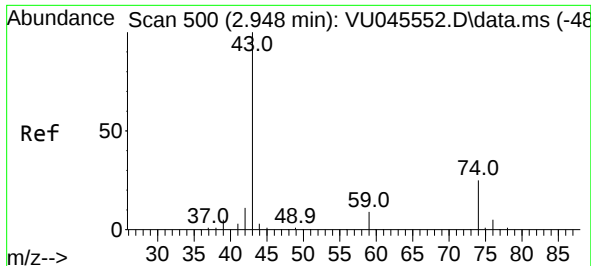
Tgt Ion: 59 Resp: 287
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#16
Acetone
Concen: 12.083 ug/l
RT: 2.645 min Scan# 406
Delta R.T. 0.022 min
Lab File: VU045915.D
Acq: 22 Nov 2021 15:39

Tgt Ion: 43 Resp: 11058
Ion Ratio Lower Upper
43 100
58 36.8 26.2 39.2

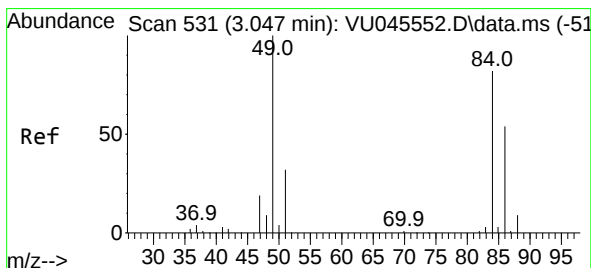
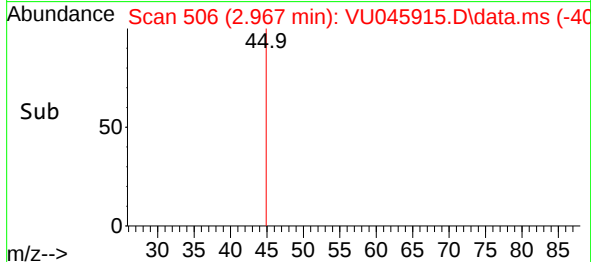
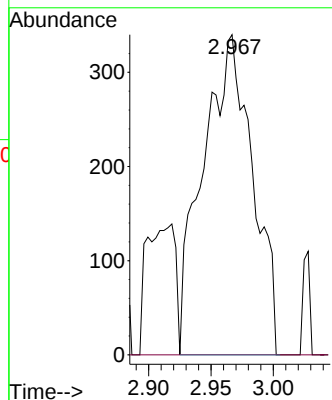
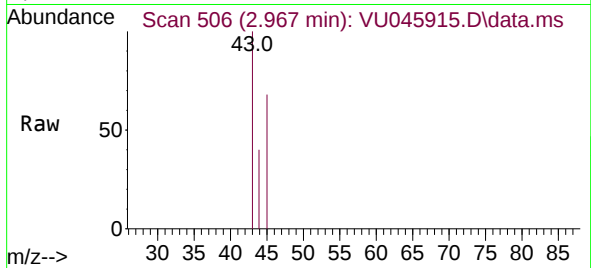




#18
Methyl Acetate
Concen: 0.302 ug/l
RT: 2.967 min Scan# 50
Delta R.T. 0.019 min
Lab File: VU045915.D
Acq: 22 Nov 2021 15:39

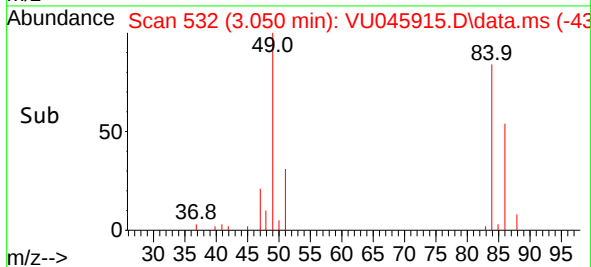
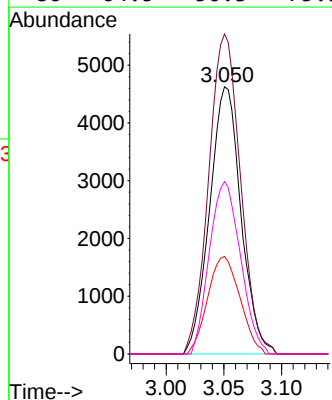
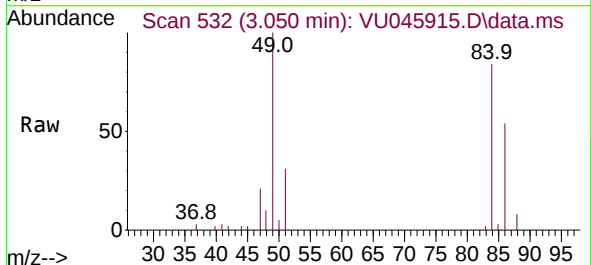
Instrument :
MSVOA_U
ClientSampleId :

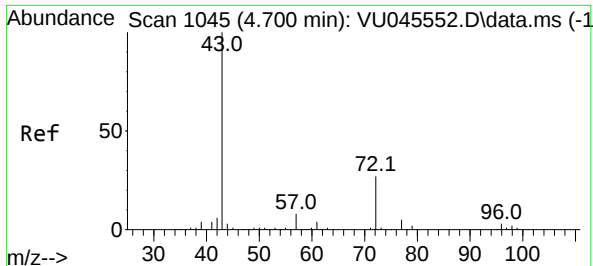
Tgt Ion: 43 Resp: 942
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.2#



#20
Methylene Chloride
Concen: 5.487 ug/l
RT: 3.050 min Scan# 532
Delta R.T. 0.003 min
Lab File: VU045915.D
Acq: 22 Nov 2021 15:39

Tgt Ion: 84 Resp: 8726
Ion Ratio Lower Upper
84 100
49 119.7 96.4 144.6
51 36.5 30.5 45.7
86 64.5 50.3 75.5





#25

2-Butanone

Concen: 4.943 ug/l

RT: 4.719 min Scan# 1105

Delta R.T. 0.019 min

Lab File: VU045915.D

Acq: 22 Nov 2021 15:39

Instrument :

MSVOA_U

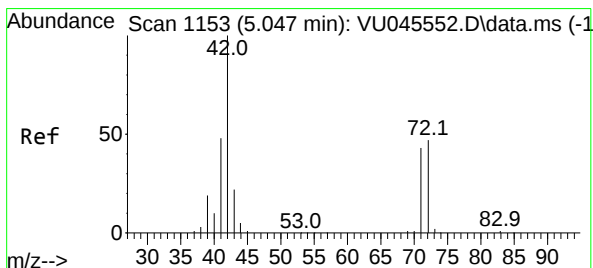
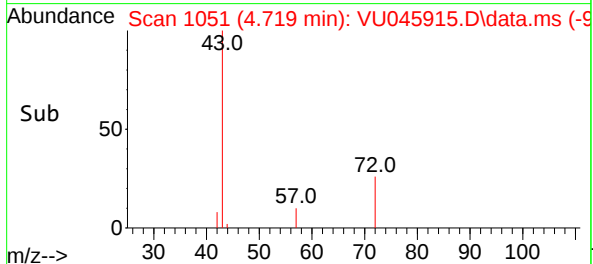
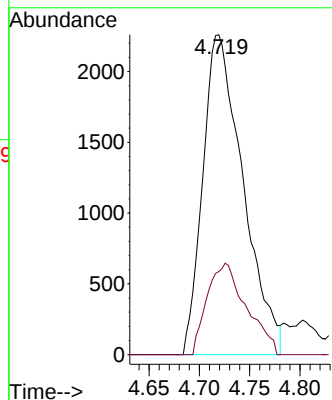
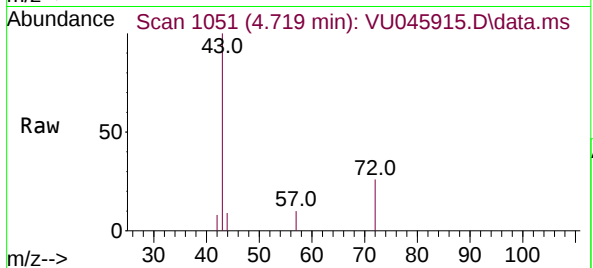
ClientSampleId :

Tgt Ion: 43 Resp: 6274

Ion Ratio Lower Upper

43 100

72 25.9 22.0 33.0



#29

Tetrahydrofuran

Concen: 0.784 ug/l

RT: 5.070 min Scan# 1160

Delta R.T. 0.022 min

Lab File: VU045915.D

Acq: 22 Nov 2021 15:39

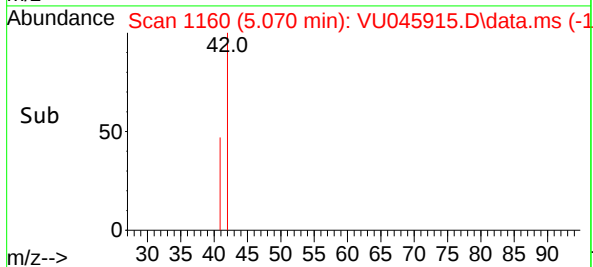
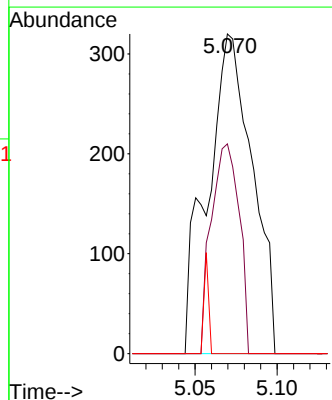
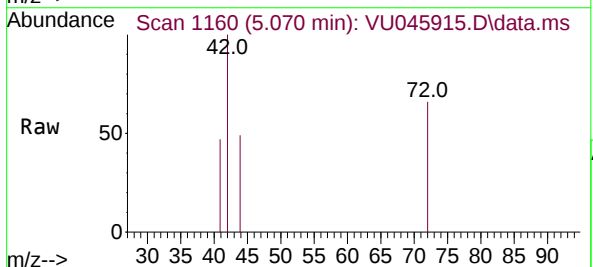
Tgt Ion: 42 Resp: 609

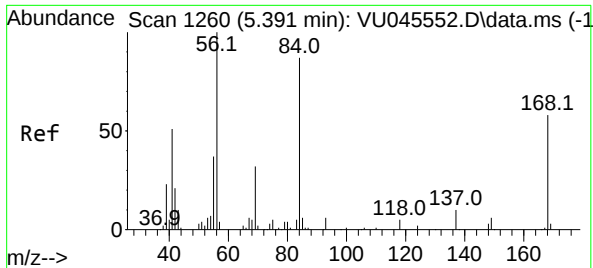
Ion Ratio Lower Upper

42 100

72 40.6 38.2 57.4

71 3.1 35.4 53.2#

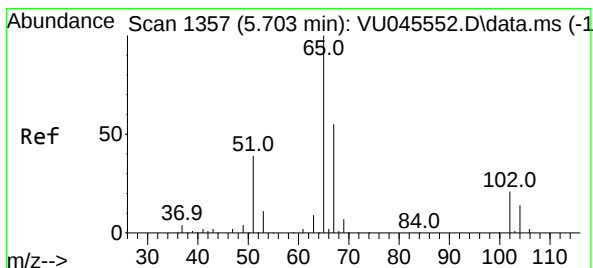
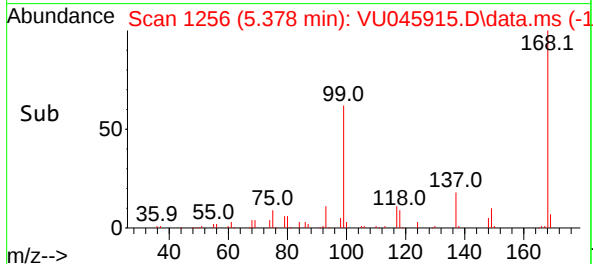
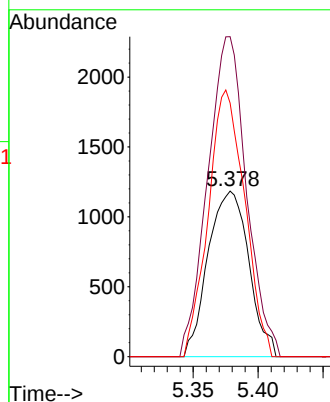
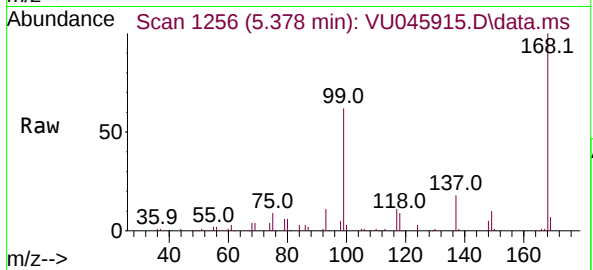




#31
Cyclohexane
Concen: 0.985 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. -0.013 min
Lab File: VU045915.D
Acq: 22 Nov 2021 15:39

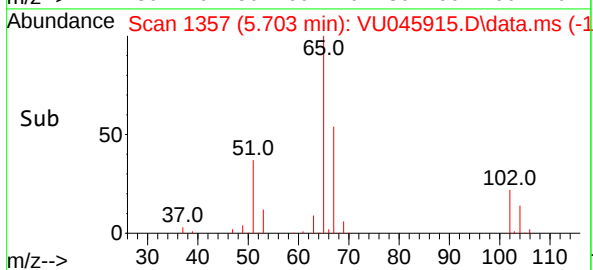
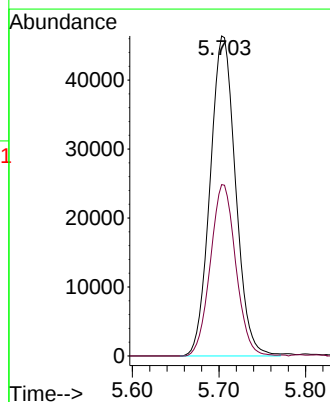
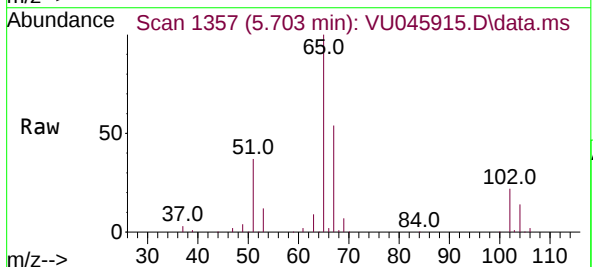
Instrument :
MSVOA_U
ClientSampleId :

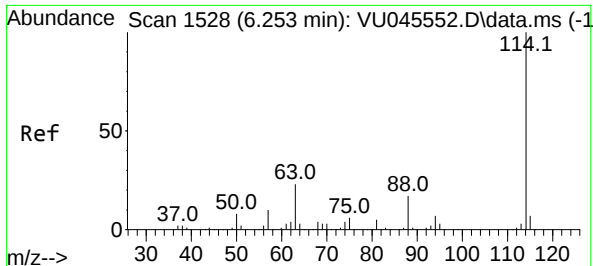
Tgt Ion: 56 Resp: 2583
Ion Ratio Lower Upper
56 100
69 193.3 26.4 39.6#
84 153.2 68.4 102.6#



#33
1,2-Dichloroethane-d4
Concen: 52.670 ug/l
RT: 5.703 min Scan# 1357
Delta R.T. -0.000 min
Lab File: VU045915.D
Acq: 22 Nov 2021 15:39

Tgt Ion: 65 Resp: 94693
Ion Ratio Lower Upper
65 100
67 53.4 0.0 105.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.253 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU045915.D

Acq: 22 Nov 2021 15:39

Instrument :

MSVOA_U

ClientSampleId :

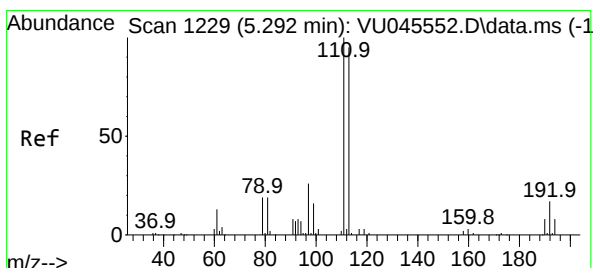
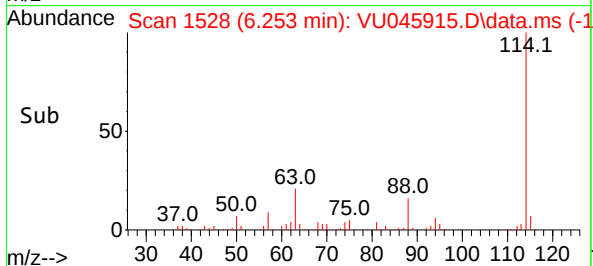
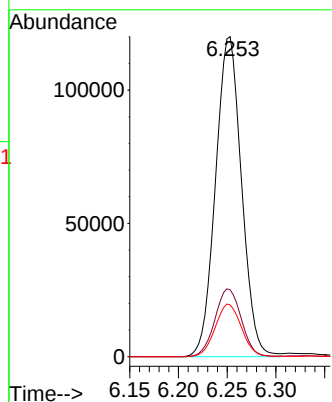
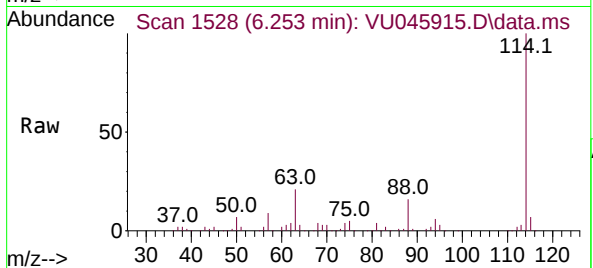
Tgt Ion:114 Resp: 222818

Ion Ratio Lower Upper

114 100

63 20.9 0.0 45.6

88 16.2 0.0 33.8



#35

Dibromofluoromethane

Concen: 51.214 ug/l

RT: 5.292 min Scan# 1229

Delta R.T. -0.000 min

Lab File: VU045915.D

Acq: 22 Nov 2021 15:39

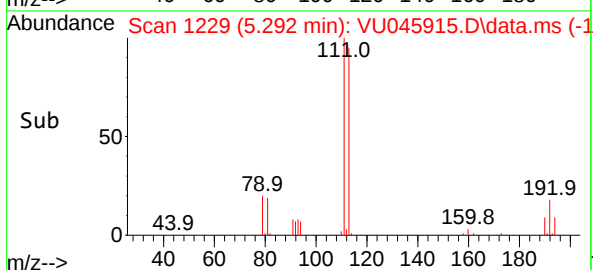
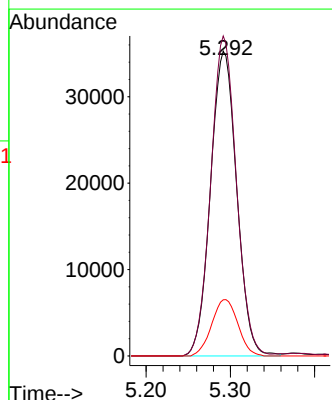
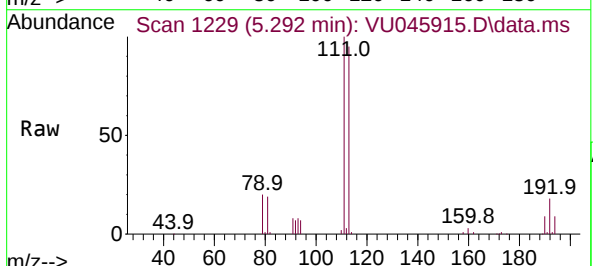
Tgt Ion:113 Resp: 76188

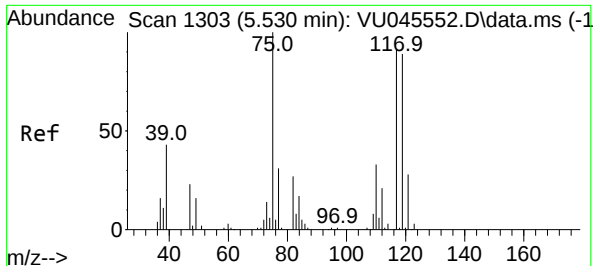
Ion Ratio Lower Upper

113 100

111 102.7 82.8 124.2

192 18.5 14.8 22.2





#36

1,1-Dichloropropene

Concen: 4.808 ug/l

RT: 5.375 min Scan# 1

Delta R.T. -0.154 min

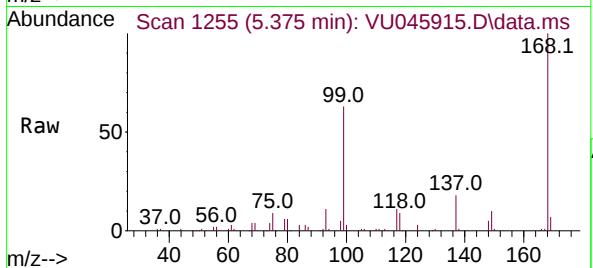
Lab File: VU045915.D

Acq: 22 Nov 2021 15:39

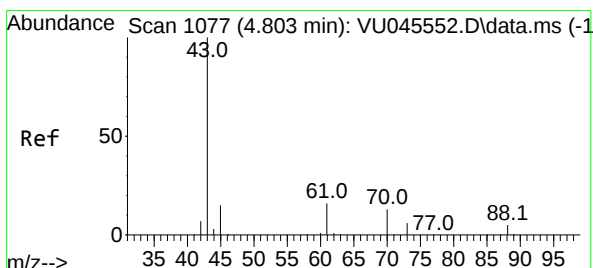
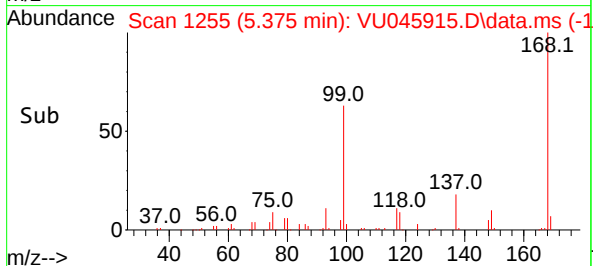
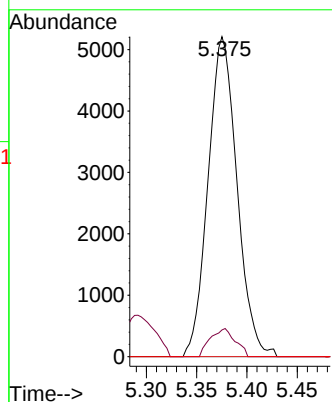
Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	75	Resp:	10445
Ion Ratio	Lower	Upper	
75	100		
110	7.6	16.7	50.0#
77	0.0	25.0	37.4#



#37

Ethyl Acetate

Concen: 2.514 ug/l

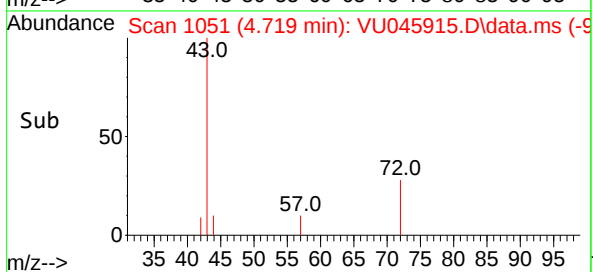
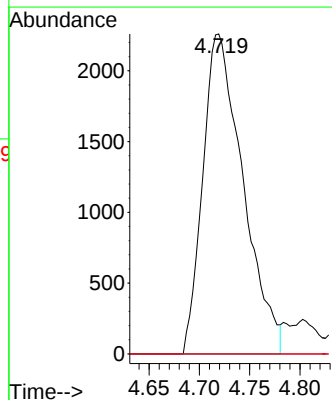
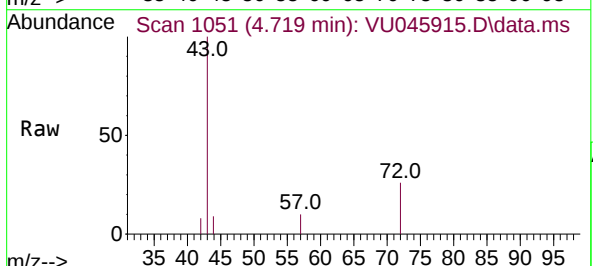
RT: 4.719 min Scan# 1051

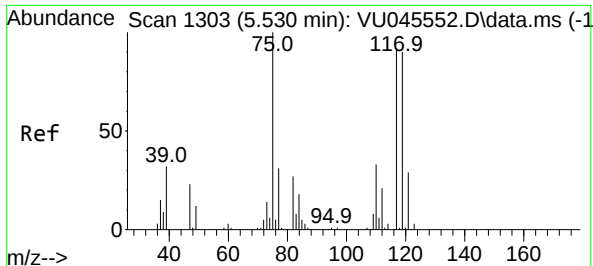
Delta R.T. -0.084 min

Lab File: VU045915.D

Acq: 22 Nov 2021 15:39

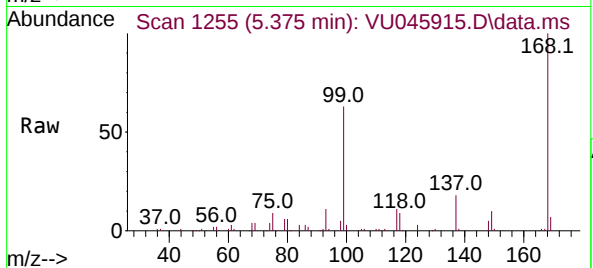
Tgt Ion:	43	Resp:	6274
Ion Ratio	Lower	Upper	
43	100		
61	0.0	11.6	17.4#
70	0.0	9.1	13.7#



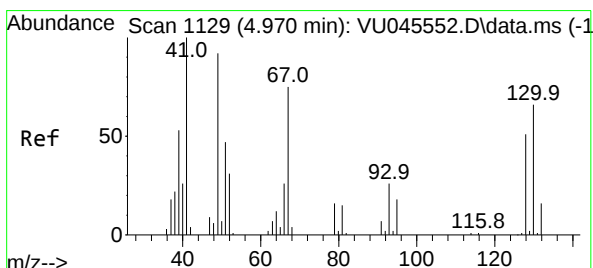
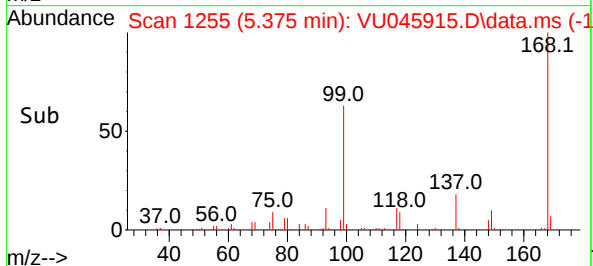
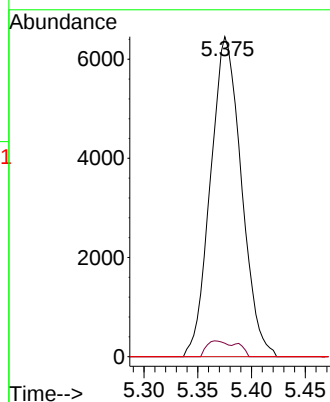


#38
Carbon Tetrachloride
Concen: 5.886 ug/l
RT: 5.375 min Scan# 1162
Delta R.T. -0.154 min
Lab File: VU045915.D
Acq: 22 Nov 2021 15:39

Instrument :
MSVOA_U
ClientSampleId :

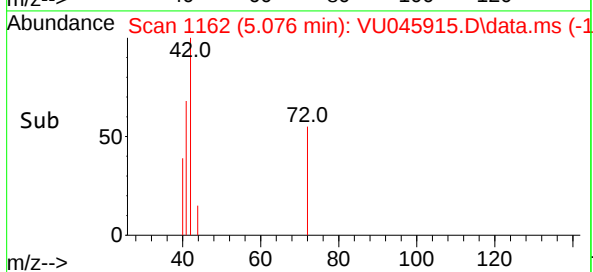
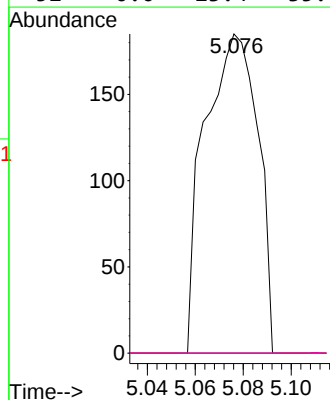
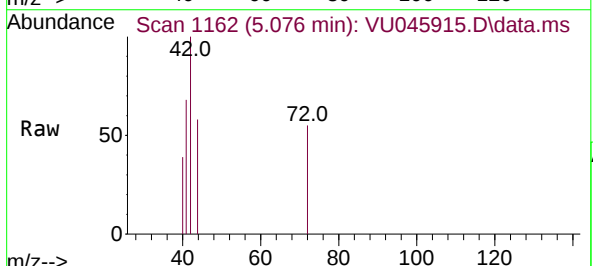


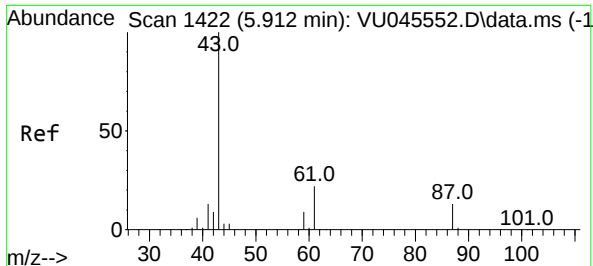
Tgt Ion:117 Resp: 12892
Ion Ratio Lower Upper
117 100
119 4.2 77.4 116.0#
121 0.0 24.8 37.2#



#41
Methacrylonitrile
Concen: 0.215 ug/l
RT: 5.076 min Scan# 1162
Delta R.T. 0.106 min
Lab File: VU045915.D
Acq: 22 Nov 2021 15:39

Tgt Ion: 41 Resp: 284
Ion Ratio Lower Upper
41 100
39 0.0 43.4 65.0#
67 0.0 61.0 91.4#
52 0.0 23.4 35.0#

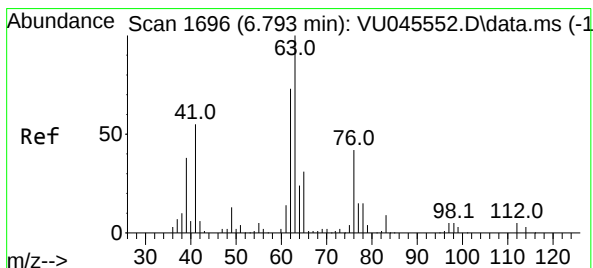
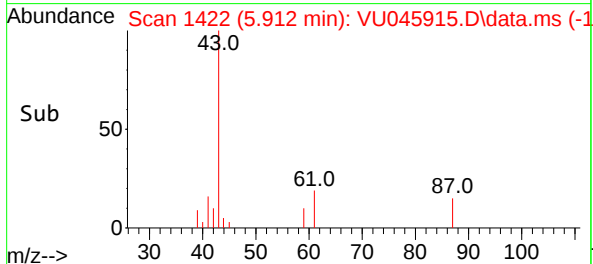
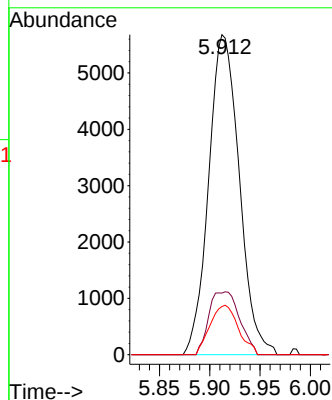
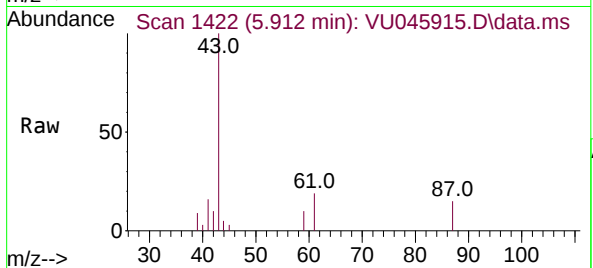




#43
Isopropyl Acetate
Concen: 3.150 ug/l
RT: 5.912 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VU045915.D
Acq: 22 Nov 2021 15:39

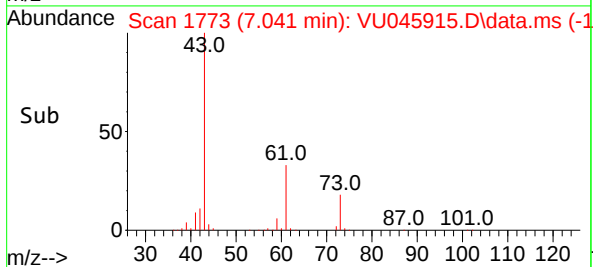
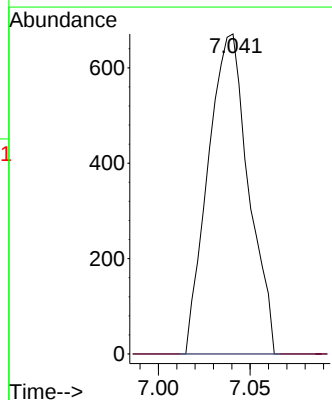
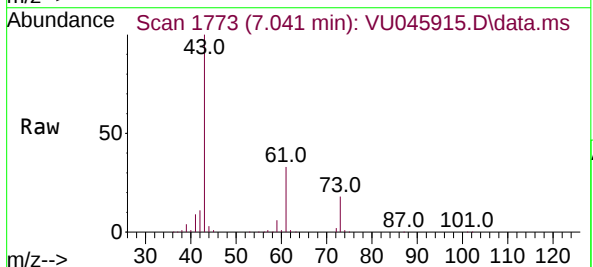
Instrument : MSVOA_U
ClientSampleId :

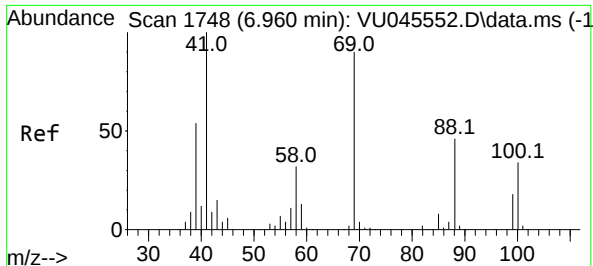
Tgt Ion: 43	Resp: 12024
Ion Ratio	Lower Upper
43 100	
61 19.7	16.9 25.3
87 14.3	11.0 16.4



#45
1,2-Dichloropropane
Concen: 0.606 ug/l
RT: 7.041 min Scan# 1773
Delta R.T. 0.247 min
Lab File: VU045915.D
Acq: 22 Nov 2021 15:39

Tgt Ion: 63	Resp: 1032		
Ion Ratio	Lower	Upper	
63 100			
65 0.0	25.7	38.5#	





#48

Methyl methacrylate

Concen: 2.459 ug/l

RT: 6.899 min Scan# 1

Delta R.T. -0.061 min

Lab File: VU045915.D

Acq: 22 Nov 2021 15:39

Instrument :

MSVOA_U

ClientSampleId :

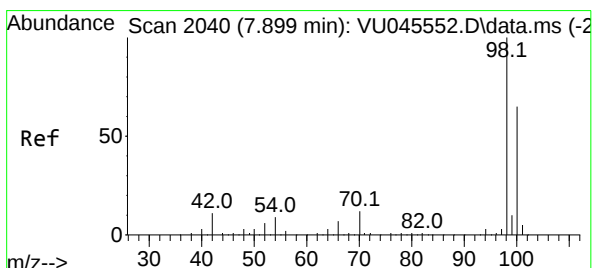
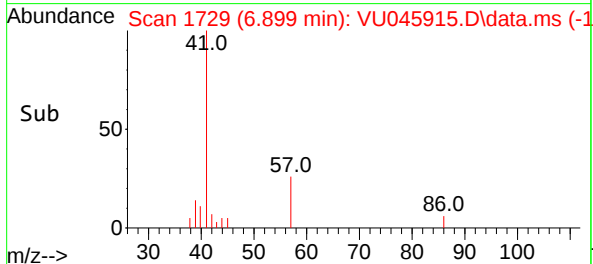
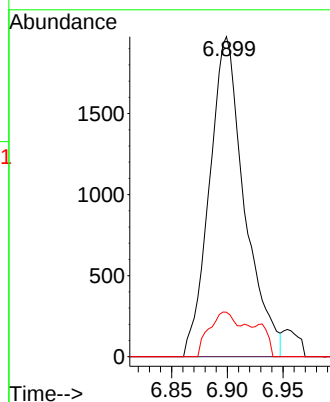
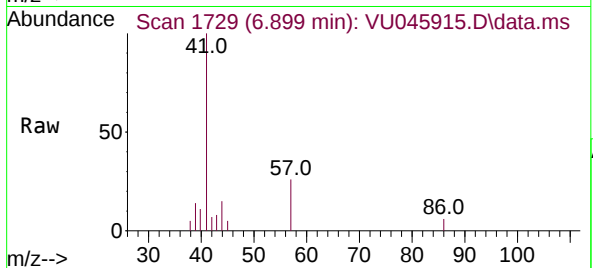
Tgt Ion: 41 Resp: 4320

Ion Ratio Lower Upper

41 100

69 0.0 70.2 105.2#

39 0.0 43.9 65.9#



#50

Toluene-d8

Concen: 53.586 ug/l

RT: 7.899 min Scan# 2040

Delta R.T. -0.000 min

Lab File: VU045915.D

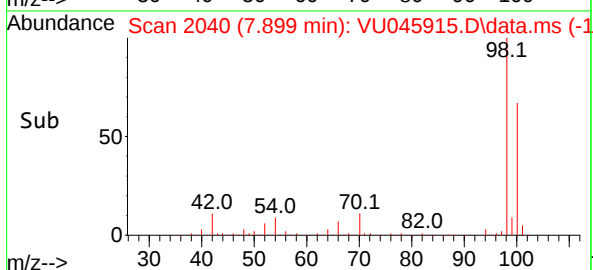
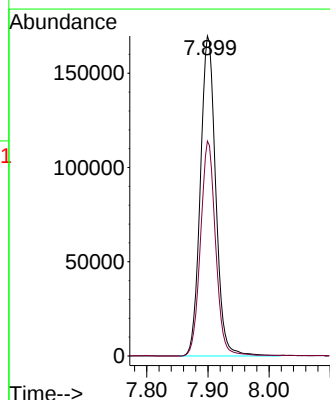
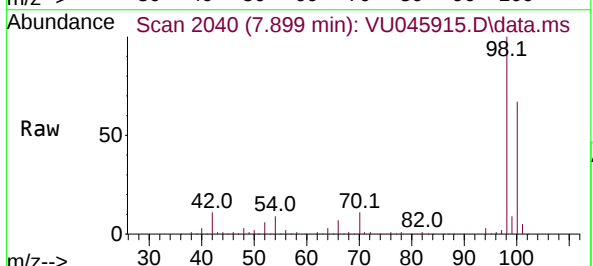
Acq: 22 Nov 2021 15:39

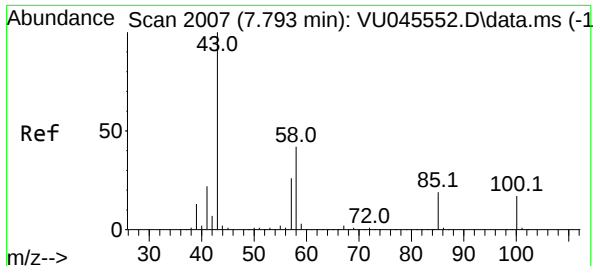
Tgt Ion: 98 Resp: 296423

Ion Ratio Lower Upper

98 100

100 66.1 52.5 78.7

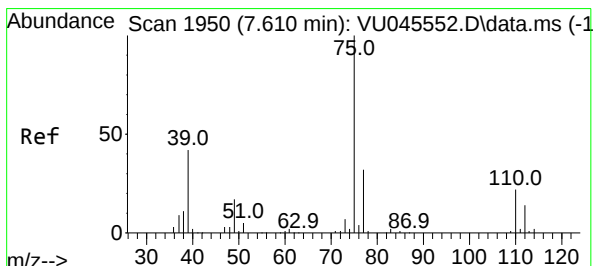
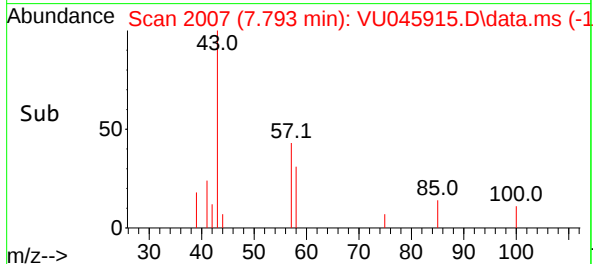
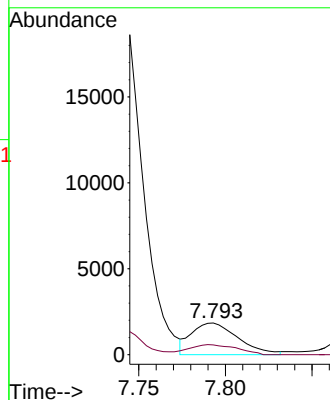
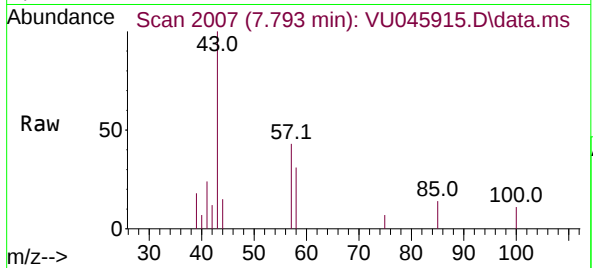




#51
4-Methyl-2-Pentanone
Concen: 1.369 ug/l
RT: 7.793 min Scan# 2007
Delta R.T. -0.000 min
Lab File: VU045915.D
Acq: 22 Nov 2021 15:39

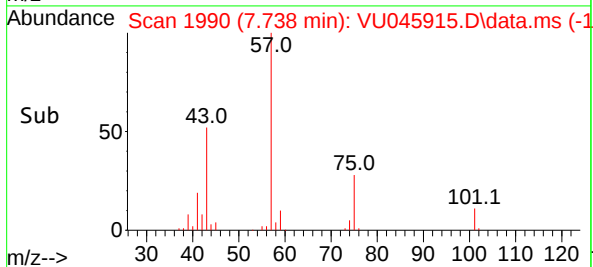
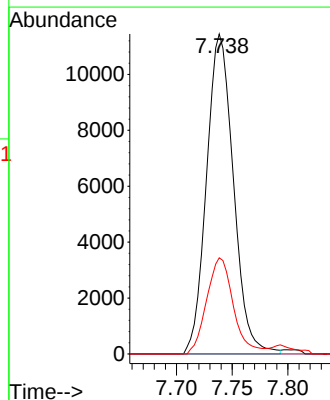
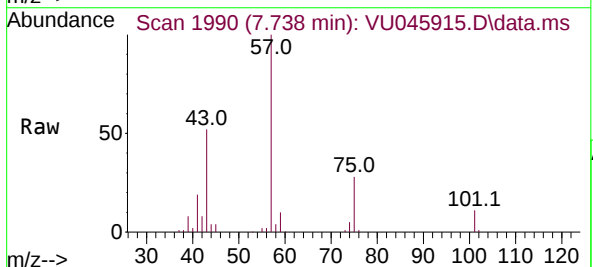
Instrument :
MSVOA_U
ClientSampleId :

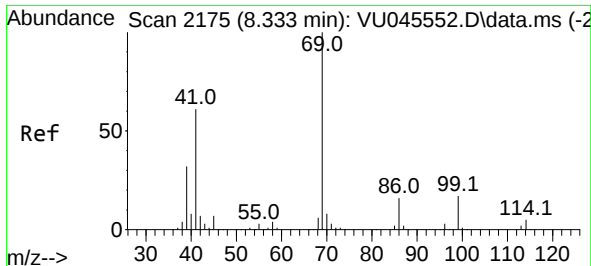
Tgt Ion: 43 Resp: 3448
Ion Ratio Lower Upper
43 100
58 33.1 33.8 50.8#



#54
cis-1,3-Dichloropropene
Concen: 7.043 ug/l
RT: 7.738 min Scan# 1990
Delta R.T. 0.128 min
Lab File: VU045915.D
Acq: 22 Nov 2021 15:39

Tgt Ion: 75 Resp: 19238
Ion Ratio Lower Upper
75 100
77 0.0 24.6 37.0#
39 30.1 37.1 55.7#

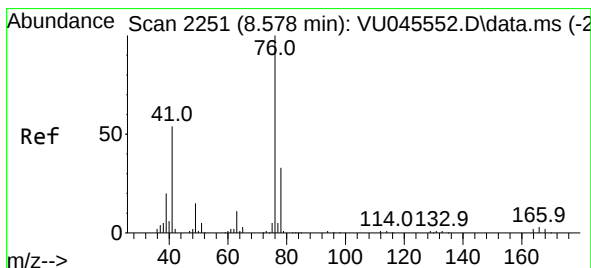
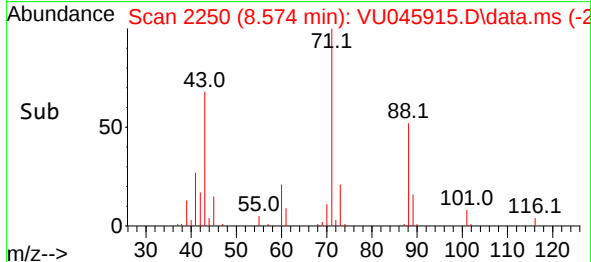
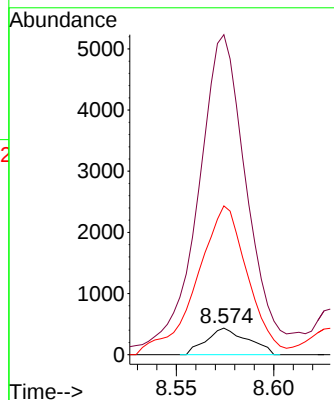
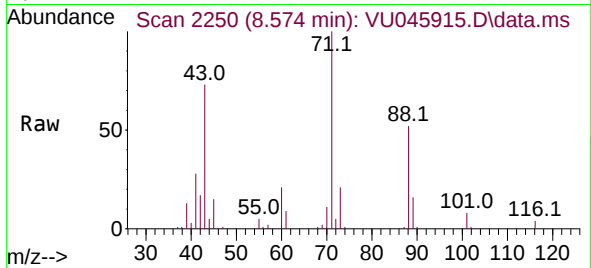




#56
Ethyl methacrylate
Concen: 2.632 ug/l
RT: 8.574 min Scan# 2175
Delta R.T. 0.241 min
Lab File: VU045915.D
Acq: 22 Nov 2021 15:39

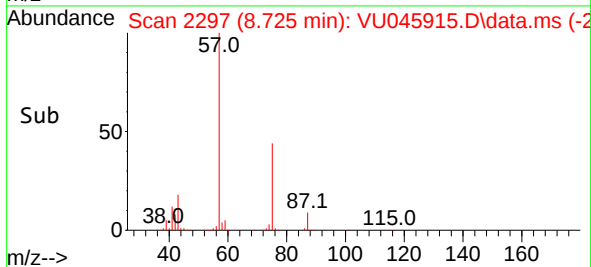
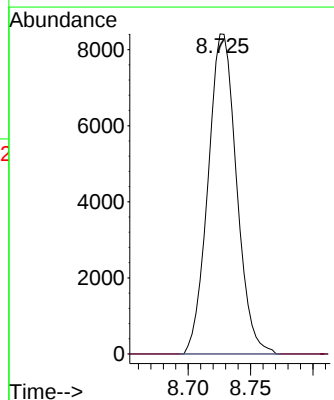
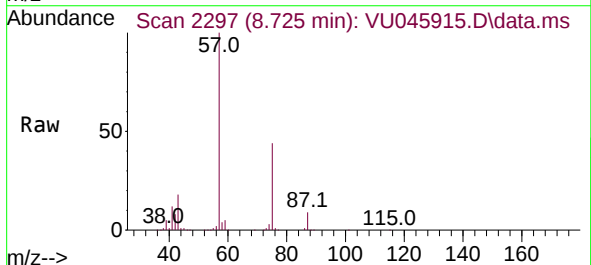
Instrument :
MSVOA_U
ClientSampleId :

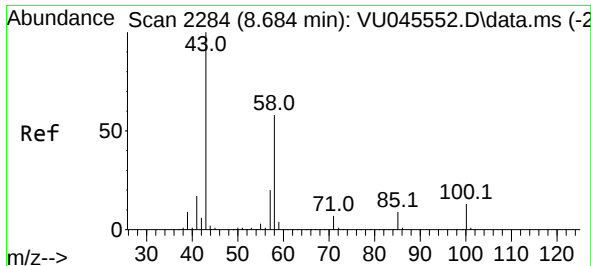
Tgt Ion: 69 Resp: 639
Ion Ratio Lower Upper
69 100
41 1444.1 51.0 76.4#
39 690.5 26.6 39.8#



#57
1,3-Dichloropropane
Concen: 4.564 ug/l
RT: 8.725 min Scan# 2297
Delta R.T. 0.148 min
Lab File: VU045915.D
Acq: 22 Nov 2021 15:39

Tgt Ion: 76 Resp: 13417
Ion Ratio Lower Upper
76 100
78 0.0 25.8 38.8#

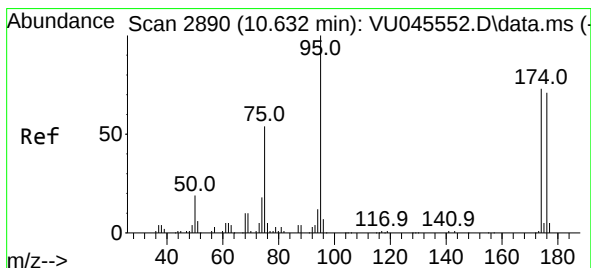
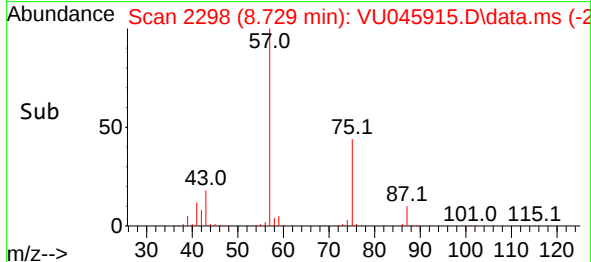
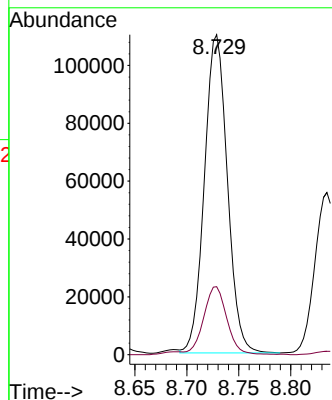
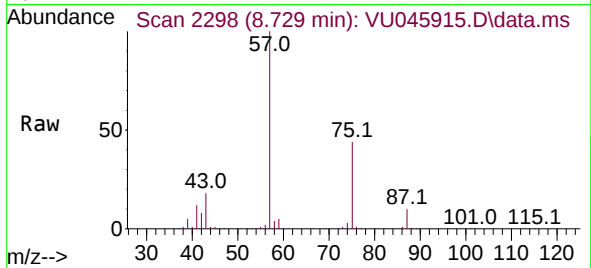




#59
2-Hexanone
Concen: 82.261 ug/l
RT: 8.729 min Scan# 21
Delta R.T. 0.045 min
Lab File: VU045915.D
Acq: 22 Nov 2021 15:39

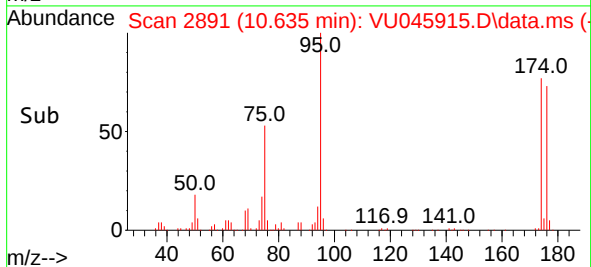
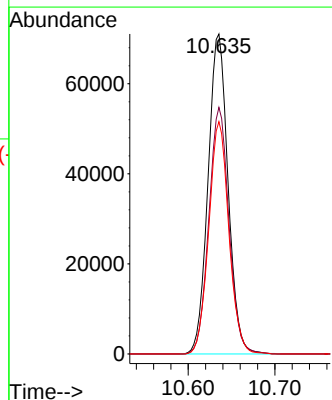
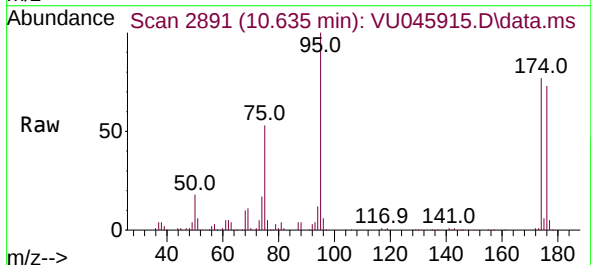
Instrument :
MSVOA_U
ClientSampleId :

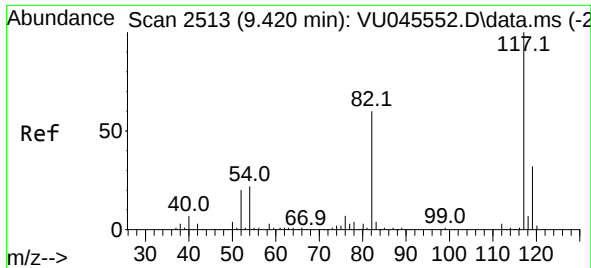
Tgt Ion: 43 Resp: 168821
Ion Ratio Lower Upper
43 100
58 21.7 29.5 88.6#



#62
4-Bromofluorobenzene
Concen: 51.370 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. 0.003 min
Lab File: VU045915.D
Acq: 22 Nov 2021 15:39

Tgt Ion: 95 Resp: 113950
Ion Ratio Lower Upper
95 100
174 77.7 0.0 141.8
176 72.9 0.0 138.2

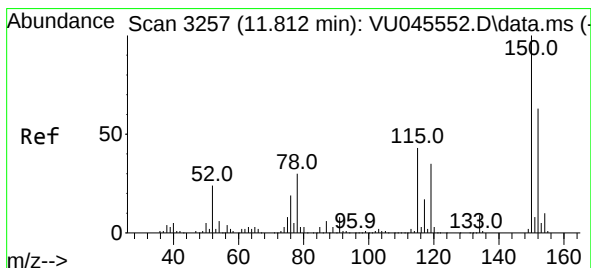
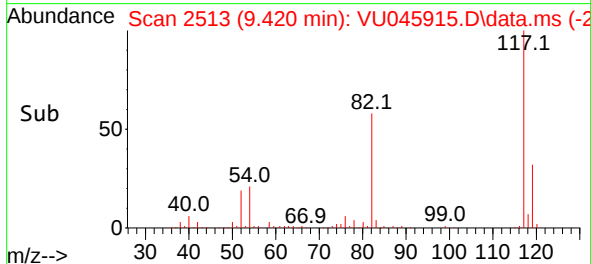
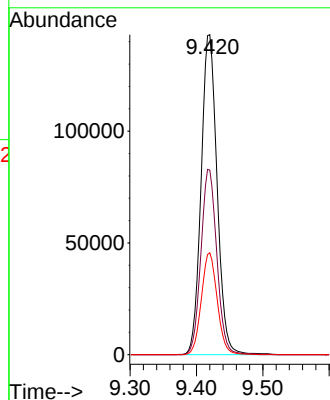
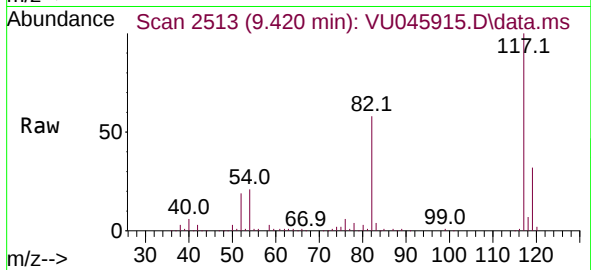




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. -0.000 min
Lab File: VU045915.D
Acq: 22 Nov 2021 15:39

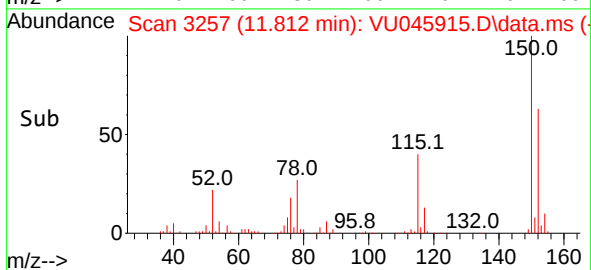
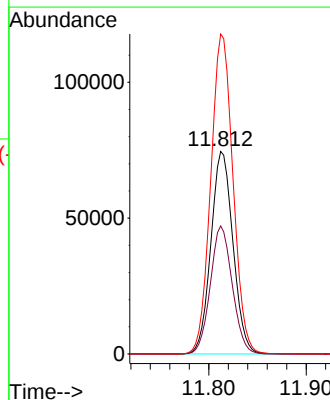
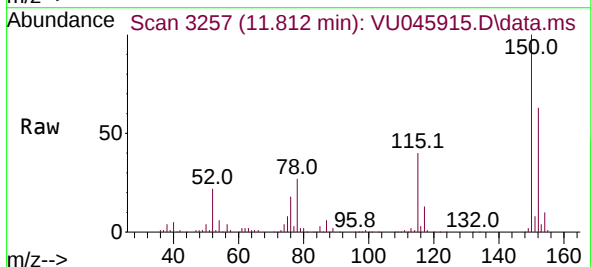
Instrument :
MSVOA_U
ClientSampleId :

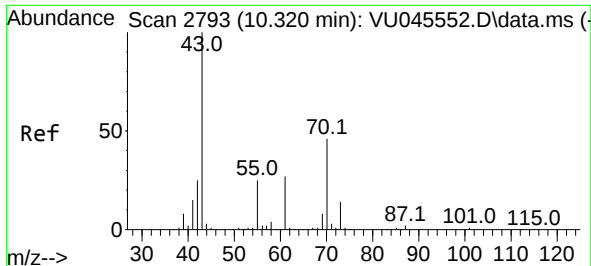
Tgt Ion:117 Resp: 240520
Ion Ratio Lower Upper
117 100
82 57.7 47.8 71.8
119 31.8 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 3257
Delta R.T. -0.000 min
Lab File: VU045915.D
Acq: 22 Nov 2021 15:39

Tgt Ion:152 Resp: 117544
Ion Ratio Lower Upper
152 100
115 62.6 42.7 128.1
150 158.9 0.0 346.8

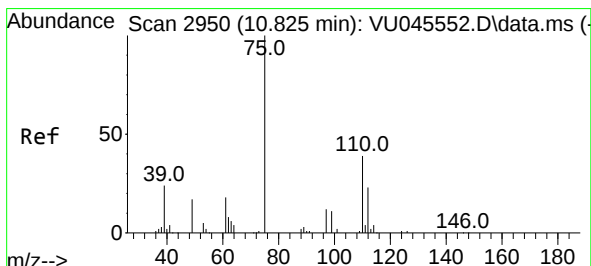
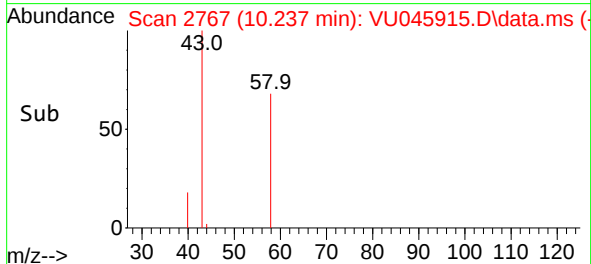
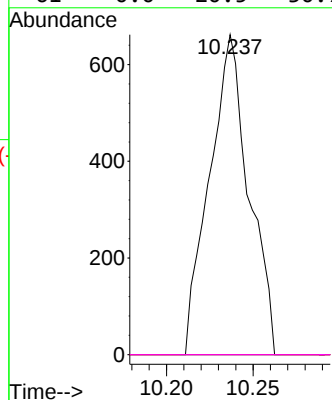
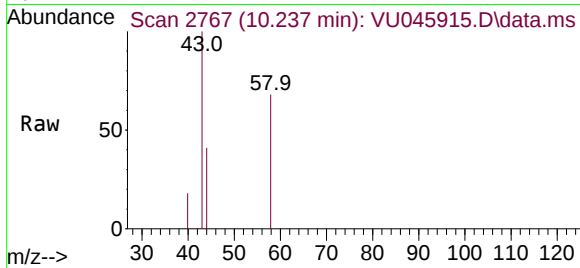




#74
N-amy1 acetate
Concen: 0.302 ug/l
RT: 10.237 min Scan# 21
Delta R.T. -0.084 min
Lab File: VU045915.D
Acq: 22 Nov 2021 15:39

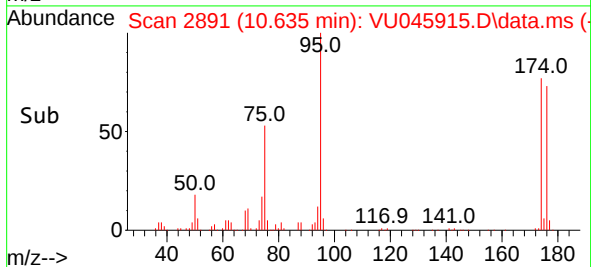
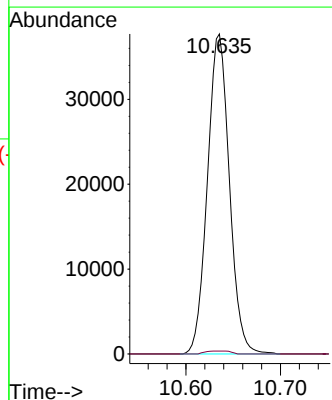
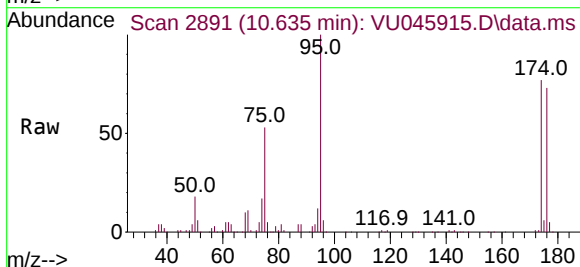
Instrument :
MSVOA_U
ClientSampleId :

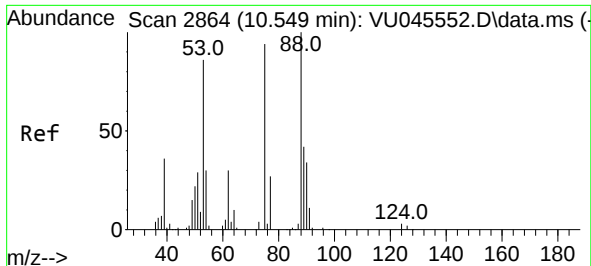
Tgt Ion: 43	Resp: 1048
Ion Ratio	Lower Upper
43	100
70	0.0 36.9 55.3#
55	0.0 20.6 31.0#
61	0.0 20.5 30.7#



#76
1,2,3-Trichloropropane
Concen: 17.071 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. -0.190 min
Lab File: VU045915.D
Acq: 22 Nov 2021 15:39

Tgt Ion: 75	Resp: 60850
Ion Ratio	Lower Upper
75	100
77	1.0 17.1 51.3#

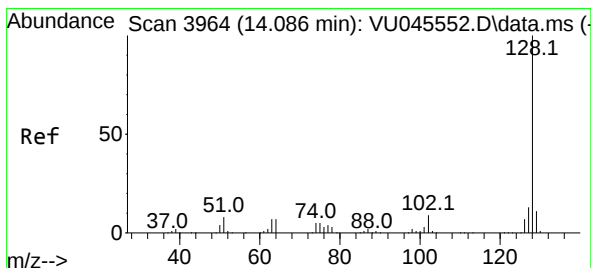
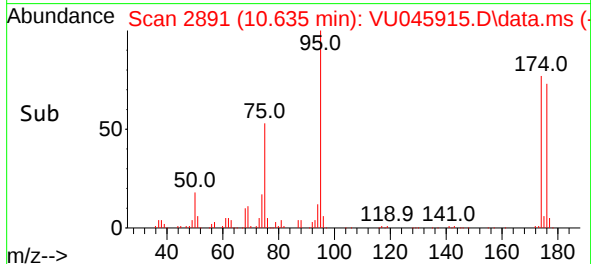
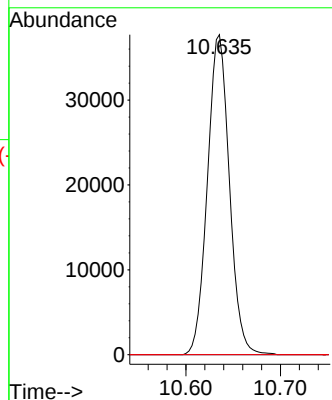
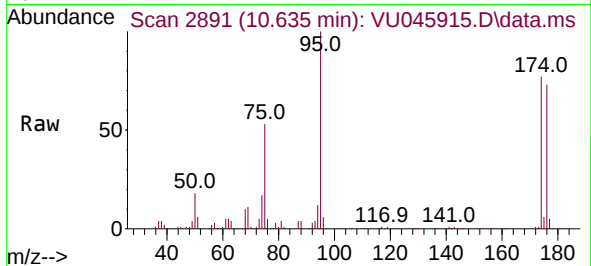




#81
trans-1,4-Dichloro-2-butene
Concen: 55.568 ug/l
RT: 10.635 min Scan# 21
Delta R.T. 0.086 min
Lab File: VU045915.D
Acq: 22 Nov 2021 15:39

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 60850
Ion Ratio Lower Upper
75 100
53 0.0 76.2 114.4#
89 0.0 34.0 51.0#



#95
Naphthalene
Concen: 1.058 ug/l
RT: 14.098 min Scan# 3968
Delta R.T. 0.012 min
Lab File: VU045915.D
Acq: 22 Nov 2021 15:39

Tgt Ion:128 Resp: 283
Ion Ratio Lower Upper
128 100
127 0.0 10.6 15.8#
129 0.0 8.6 13.0#

