

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102621\
 Data File : VU045409.D
 Acq On : 26 Oct 2021 18:33
 Operator : SY/MD
 Sample : M4360-06
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 27 04:41:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092821W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 12:32:13 2021
 Response via : Initial Calibration

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

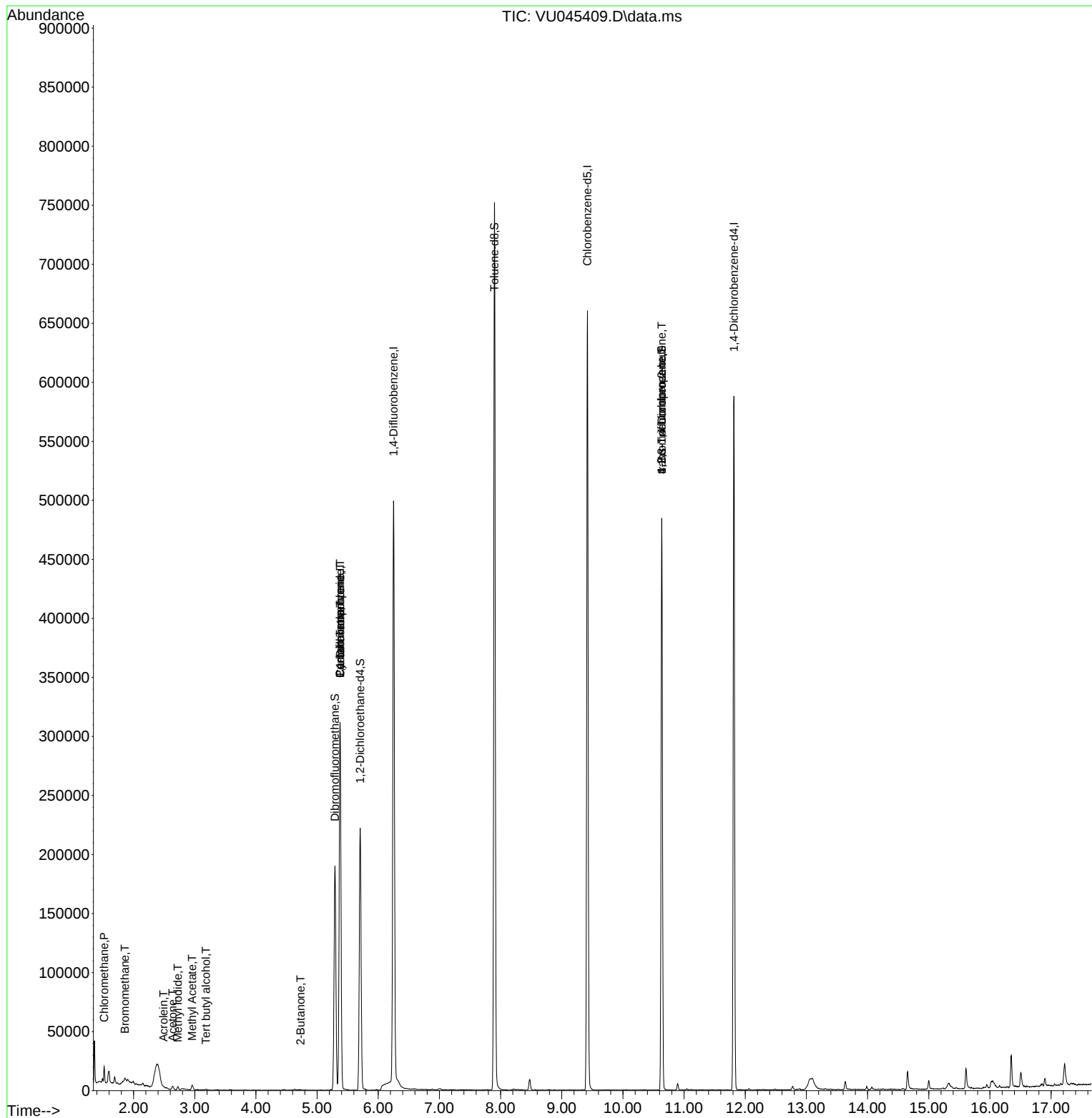
Internal Standards						
1) Pentafluorobenzene	5.375	168	207979	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	388276	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	348533	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.815	152	143904	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	166646	48.135	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.260%
35) Dibromofluoromethane	5.292	113	121884	49.761	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.520%
50) Toluene-d8	7.899	98	486473	50.266	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.540%
62) 4-Bromofluorobenzene	10.635	95	164513	41.174	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	82.340%#
Target Compounds						
					Qvalue	
3) Chloromethane	1.520	50	8993	2.696	ug/l	98
5) Bromomethane	1.858	94	773	0.592	ug/l	91
10) Methyl Iodide	2.723	142	2850	1.067	ug/l	95
11) Tert butyl alcohol	3.182	59	212	0.213	ug/l #	72
13) Acrolein	2.488	56	217	4.231	ug/l #	77
16) Acetone	2.639	43	3424	1.666	ug/l	90
18) Methyl Acetate	2.957	43	6280	1.046	ug/l	94
25) 2-Butanone	4.729	43	1048	0.359	ug/l #	48
31) Cyclohexane	5.375	56	5038	0.958	ug/l #	1
36) 1,1-Dichloropropene	5.375	75	18699	4.605	ug/l #	49
38) Carbon Tetrachloride	5.375	117	21273	6.055	ug/l #	16
49) 1,4-Dioxane	6.996	88	615	Below Cal	#	71
76) 1,2,3-Trichloropropane	10.635	75	85360	20.336	ug/l #	41
81) trans-1,4-Dichloro-2-b...	10.635	75	85360	56.437	ug/l #	9

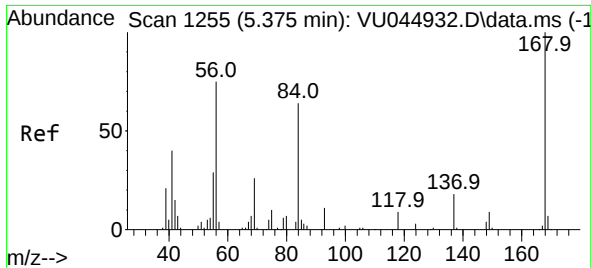
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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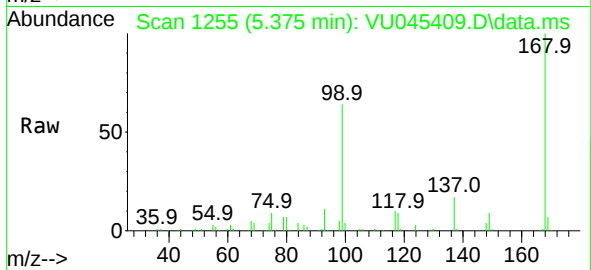
Quant Time: Oct 27 04:41:18 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092821W.M
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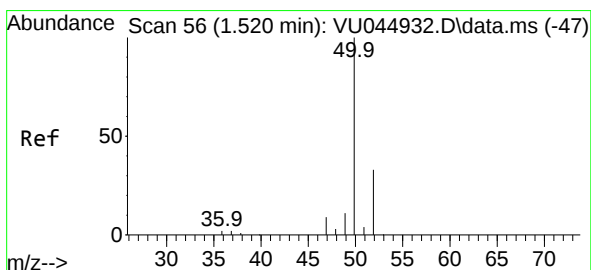
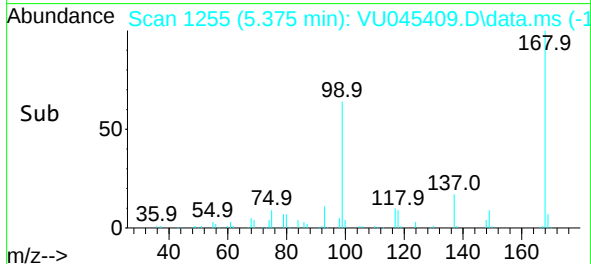
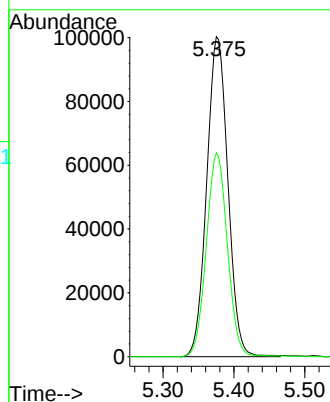


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU045409.D
Acq: 26 Oct 2021 18:33

Instrument :
MSVOA_U
ClientSampleId :

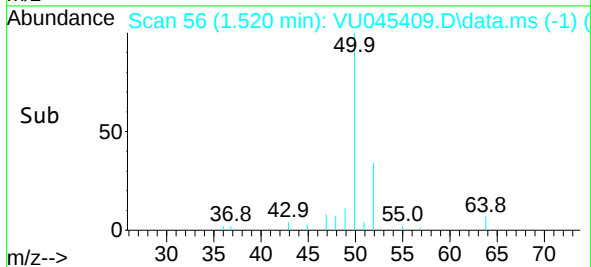
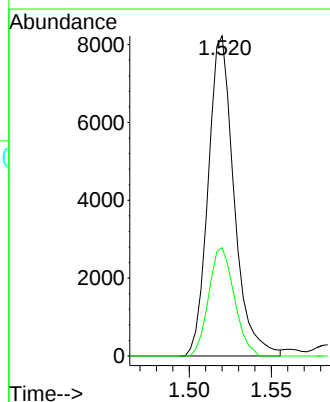
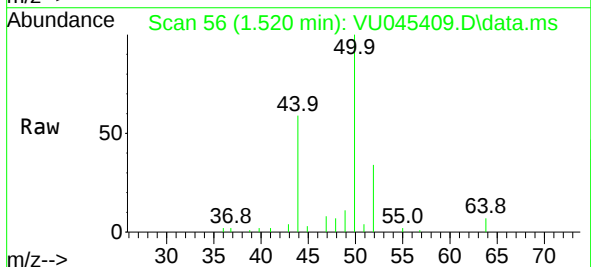


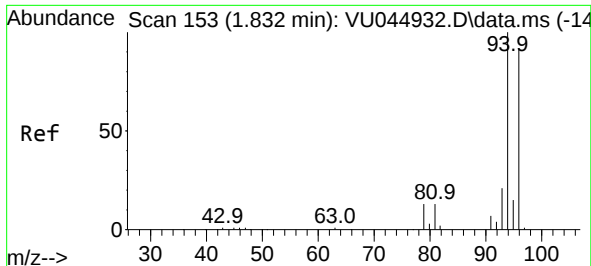
Tgt Ion:168 Resp: 207979
Ion Ratio Lower Upper
168 100
99 63.7 51.4 77.0



#3
Chloromethane
Concen: 2.696 ug/l
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU045409.D
Acq: 26 Oct 2021 18:33

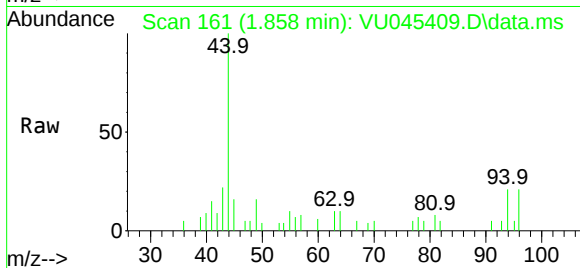
Tgt Ion: 50 Resp: 8993
Ion Ratio Lower Upper
50 100
52 33.8 26.3 39.5



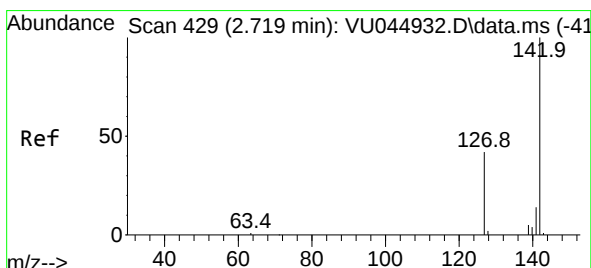
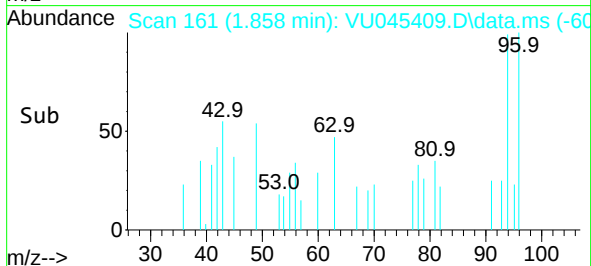
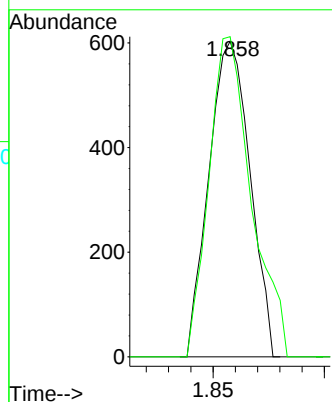


#5
Bromomethane
Concen: 0.592 ug/l
RT: 1.858 min Scan# 1
Delta R.T. 0.026 min
Lab File: VU045409.D
Acq: 26 Oct 2021 18:33

Instrument :
MSVOA_U
ClientSampleId :

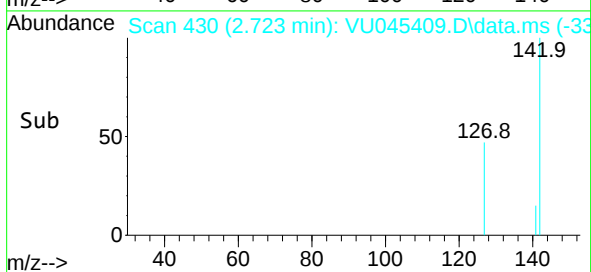
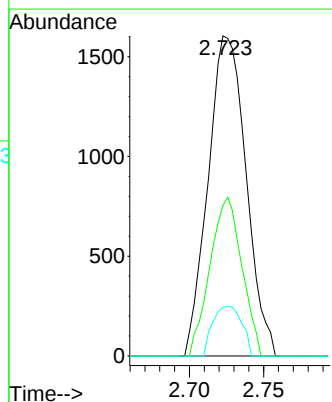
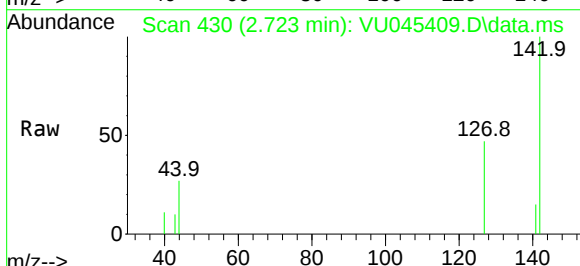


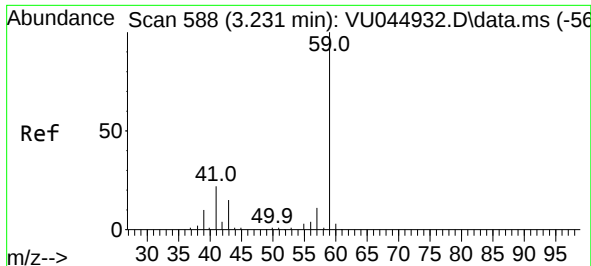
Tgt Ion: 94 Resp: 773
Ion Ratio Lower Upper
94 100
96 101.5 74.5 111.7



#10
Methyl Iodide
Concen: 1.067 ug/l
RT: 2.723 min Scan# 430
Delta R.T. 0.004 min
Lab File: VU045409.D
Acq: 26 Oct 2021 18:33

Tgt Ion: 142 Resp: 2850
Ion Ratio Lower Upper
142 100
127 41.6 35.6 53.4
141 11.9 11.3 16.9





#11

Tert butyl alcohol

Concen: 0.213 ug/l

RT: 3.182 min Scan# 51

Delta R.T. -0.049 min

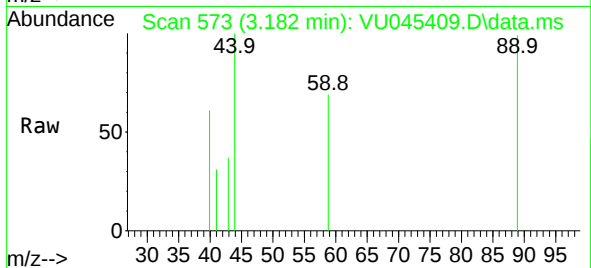
Lab File: VU045409.D

Acq: 26 Oct 2021 18:33

Instrument :

MSVOA_U

ClientSampleId :

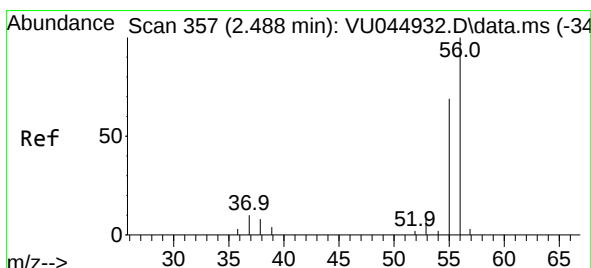
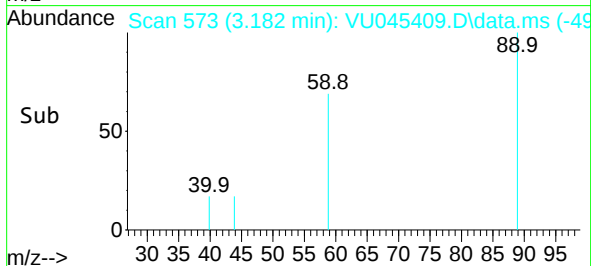
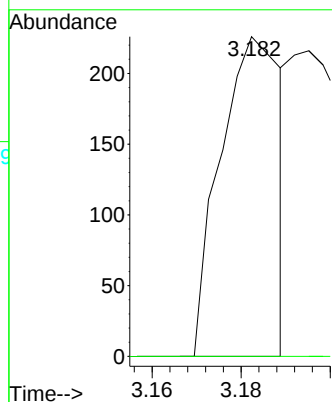


Tgt Ion: 59 Resp: 212

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



#13

Acrolein

Concen: 4.231 ug/l

RT: 2.488 min Scan# 357

Delta R.T. -0.000 min

Lab File: VU045409.D

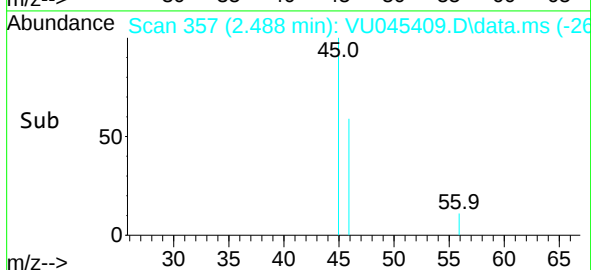
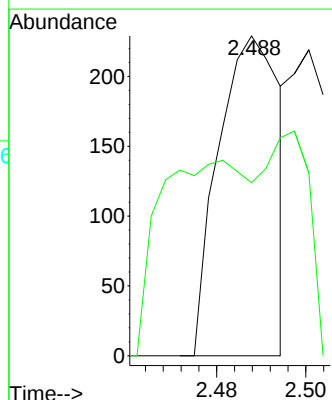
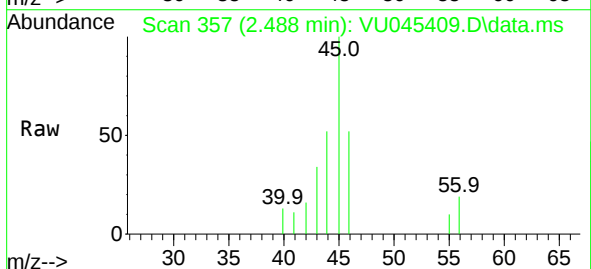
Acq: 26 Oct 2021 18:33

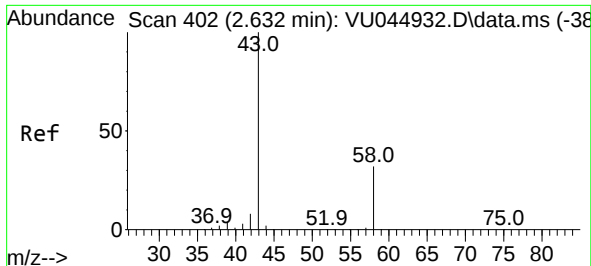
Tgt Ion: 56 Resp: 217

Ion Ratio Lower Upper

56 100

55 90.8 57.4 86.0#





#16

Acetone

Concen: 1.666 ug/l

RT: 2.639 min Scan# 40

Delta R.T. 0.007 min

Lab File: VU045409.D

Acq: 26 Oct 2021 18:33

Instrument :

MSVOA_U

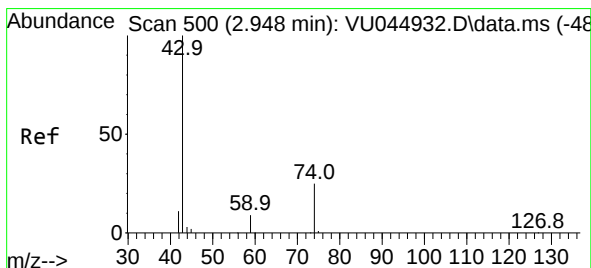
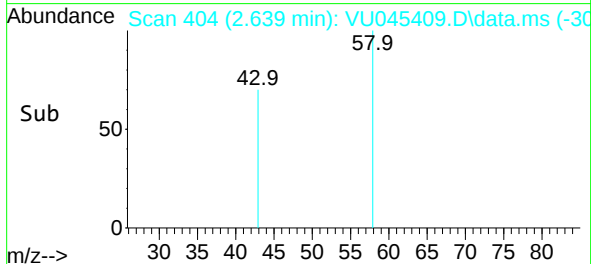
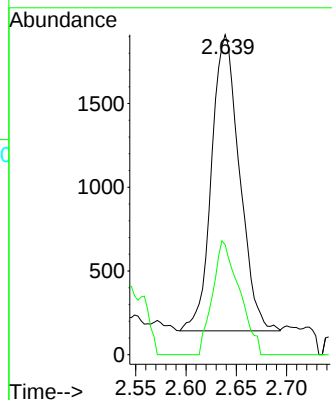
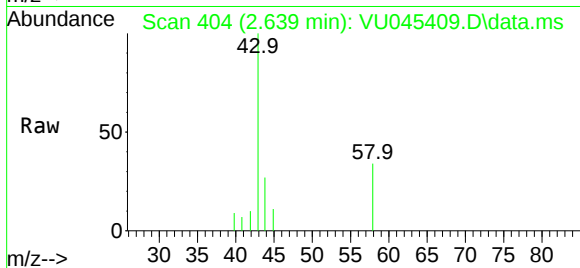
ClientSampleId :

Tgt Ion: 43 Resp: 3424

Ion Ratio Lower Upper

43 100

58 37.2 25.2 37.8



#18

Methyl Acetate

Concen: 1.046 ug/l

RT: 2.957 min Scan# 503

Delta R.T. 0.009 min

Lab File: VU045409.D

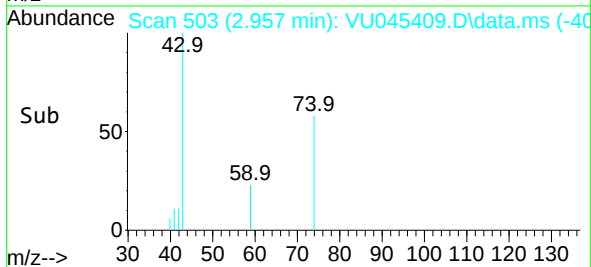
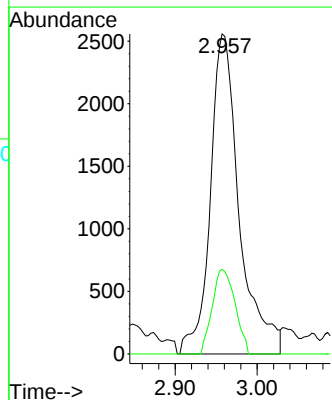
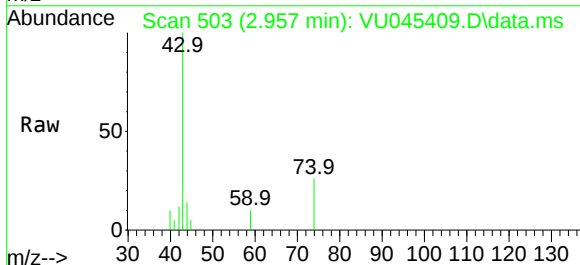
Acq: 26 Oct 2021 18:33

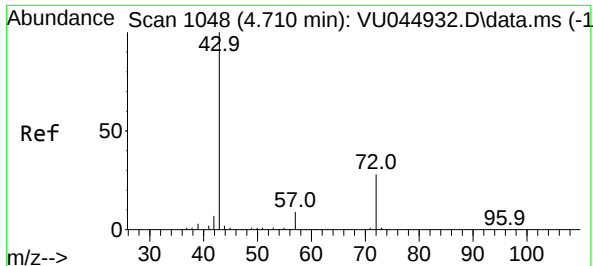
Tgt Ion: 43 Resp: 6280

Ion Ratio Lower Upper

43 100

74 20.8 19.0 28.6





#25

2-Butanone

Concen: 0.359 ug/l

RT: 4.729 min Scan# 1048

Delta R.T. 0.019 min

Lab File: VU045409.D

Acq: 26 Oct 2021 18:33

Instrument :

MSVOA_U

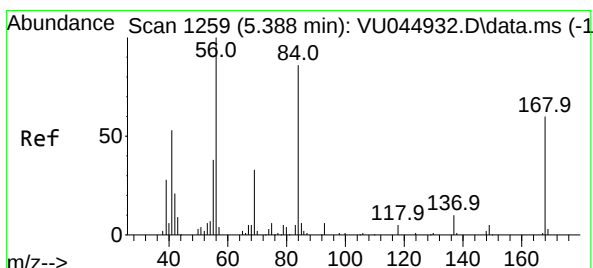
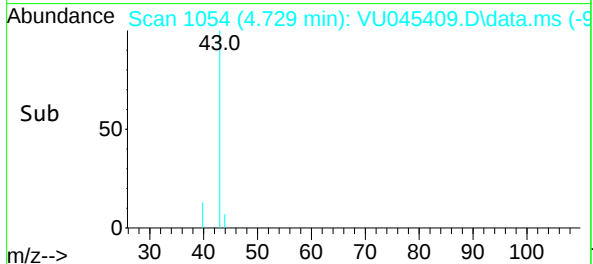
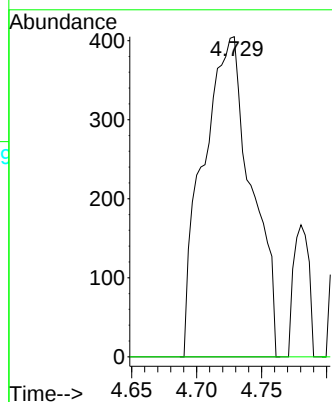
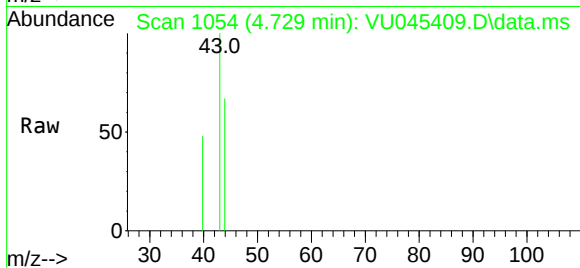
ClientSampleId :

Tgt Ion: 43 Resp: 1048

Ion Ratio Lower Upper

43 100

72 0.0 21.3 31.9#



#31

Cyclohexane

Concen: 0.958 ug/l

RT: 5.375 min Scan# 1255

Delta R.T. -0.013 min

Lab File: VU045409.D

Acq: 26 Oct 2021 18:33

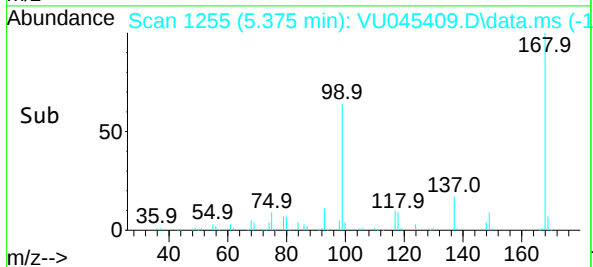
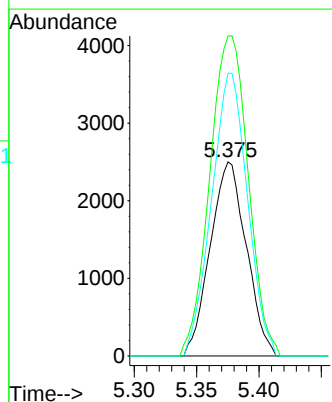
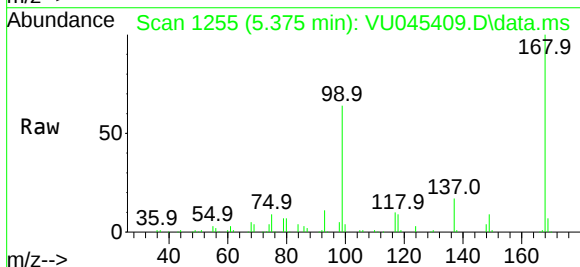
Tgt Ion: 56 Resp: 5038

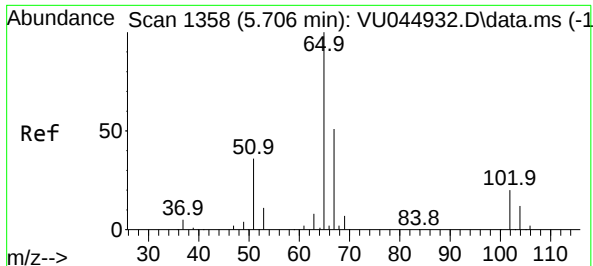
Ion Ratio Lower Upper

56 100

69 164.9 25.2 37.8#

84 145.7 66.4 99.6#





#33

1,2-Dichloroethane-d4

Concen: 48.135 ug/l

RT: 5.703 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU045409.D

Acq: 26 Oct 2021 18:33

Instrument :

MSVOA_U

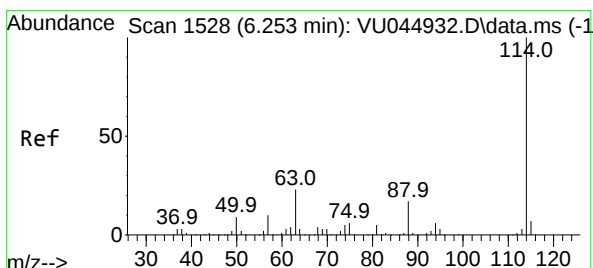
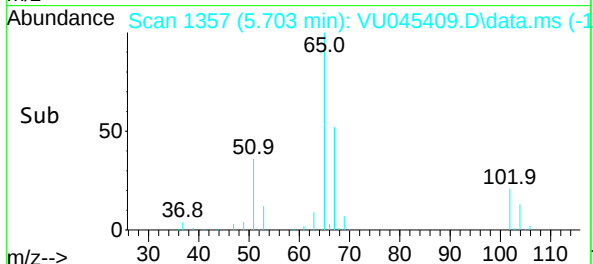
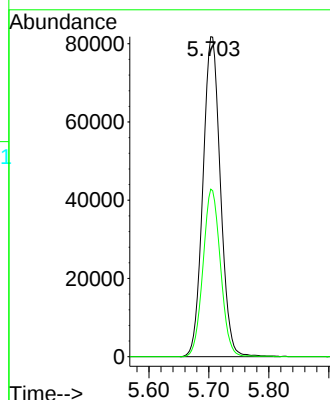
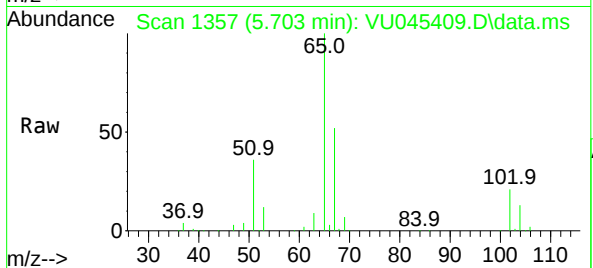
ClientSampleId :

Tgt Ion: 65 Resp: 166646

Ion Ratio Lower Upper

65 100

67 52.2 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.250 min Scan# 1527

Delta R.T. -0.003 min

Lab File: VU045409.D

Acq: 26 Oct 2021 18:33

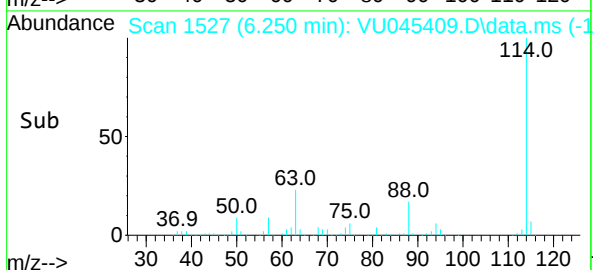
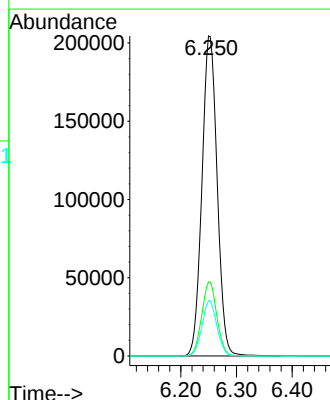
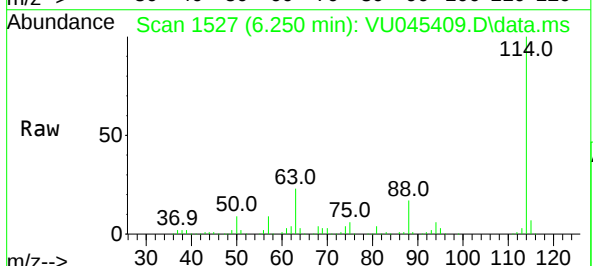
Tgt Ion: 114 Resp: 388276

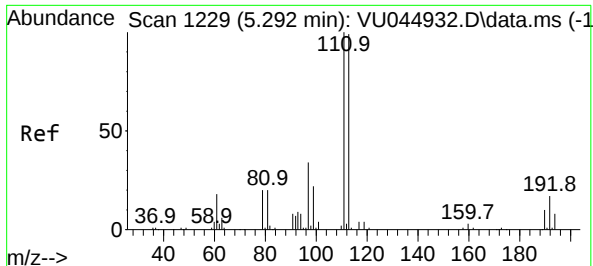
Ion Ratio Lower Upper

114 100

63 23.2 0.0 47.8

88 17.3 0.0 32.8





#35

Dibromofluoromethane

Concen: 49.761 ug/l

RT: 5.292 min Scan# 11

Delta R.T. -0.000 min

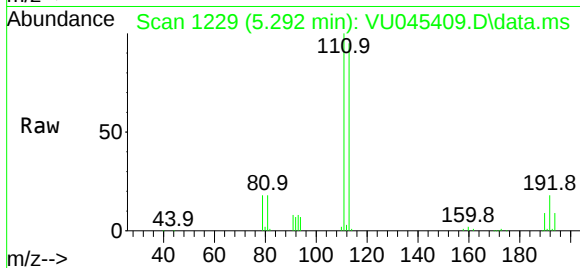
Lab File: VU045409.D

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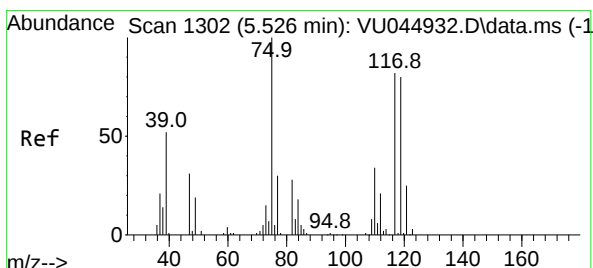
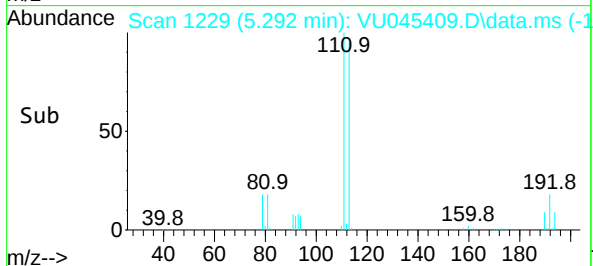
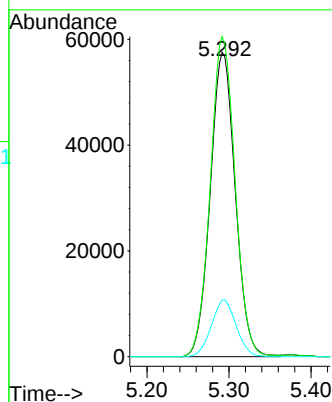
Tgt Ion:113 Resp: 121884

Ion Ratio Lower Upper

113 100

111 104.5 84.1 126.1

192 18.5 14.8 22.2



#36

1,1-Dichloropropene

Concen: 4.605 ug/l

RT: 5.375 min Scan# 1255

Delta R.T. -0.151 min

Lab File: VU045409.D

Acq: 26 Oct 2021 18:33

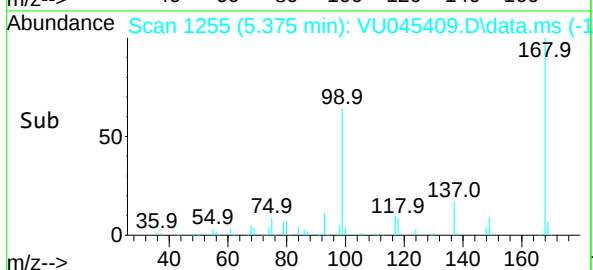
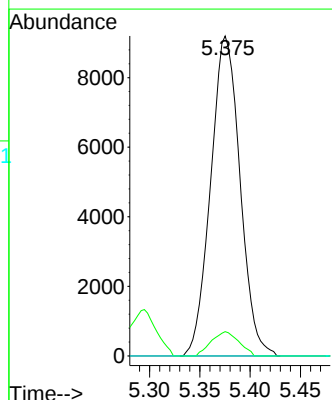
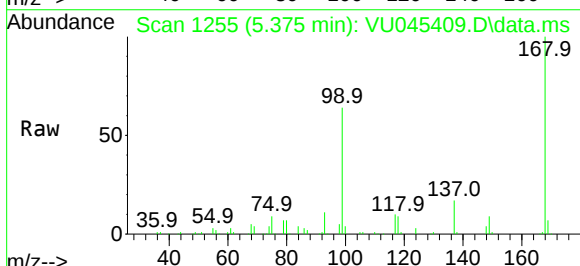
Tgt Ion: 75 Resp: 18699

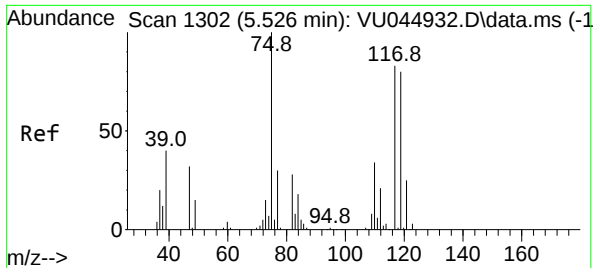
Ion Ratio Lower Upper

75 100

110 7.1 16.3 48.9#

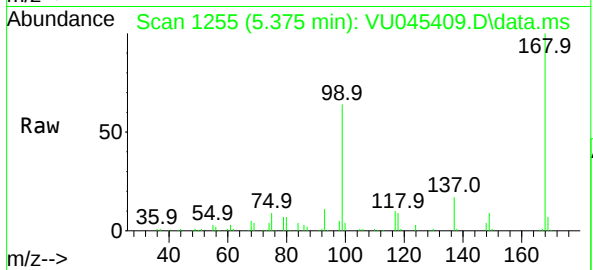
77 0.0 25.0 37.4#



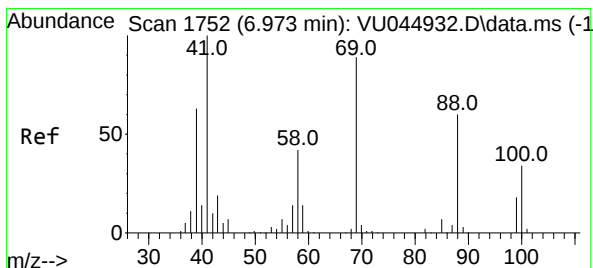
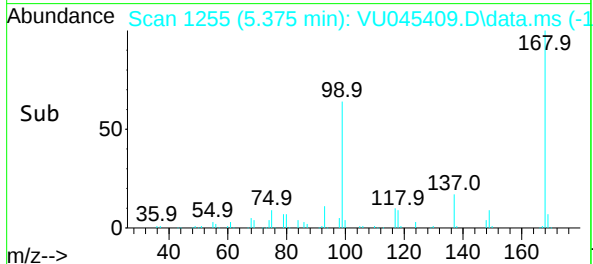
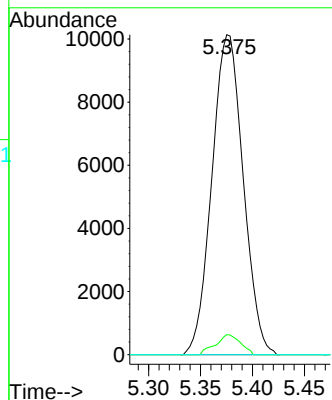


#38
Carbon Tetrachloride
Concen: 6.055 ug/l
RT: 5.375 min Scan# 11
Delta R.T. -0.151 min
Lab File: VU045409.D
Acq: 26 Oct 2021 18:33

Instrument :
MSVOA_U
ClientSampleId :

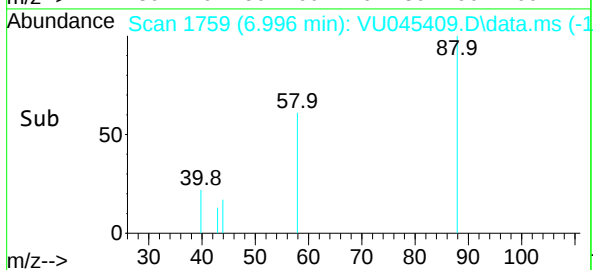
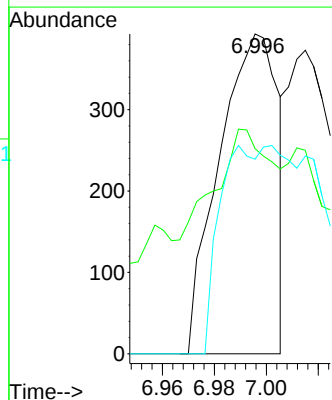
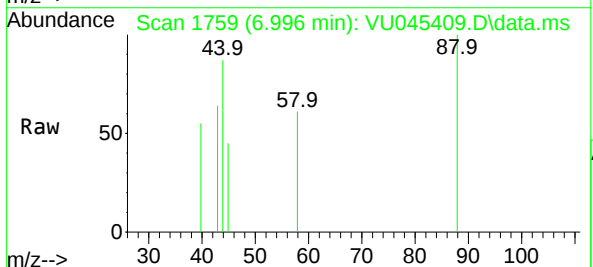


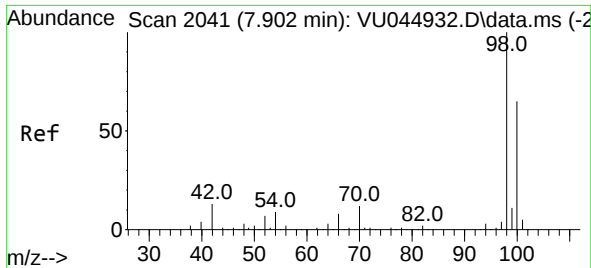
Tgt Ion:117 Resp: 21273
Ion Ratio Lower Upper
117 100
119 6.2 77.4 116.2#
121 0.0 24.5 36.7#



#49
1,4-Dioxane
Concen: Below Cal
RT: 6.996 min Scan# 1759
Delta R.T. 0.023 min
Lab File: VU045409.D
Acq: 26 Oct 2021 18:33

Tgt Ion: 88 Resp: 615
Ion Ratio Lower Upper
88 100
43 31.7 25.8 38.6
58 41.1 61.3 91.9#

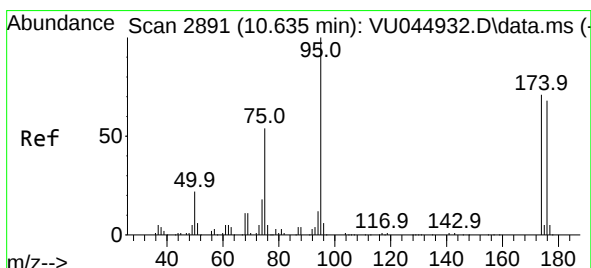
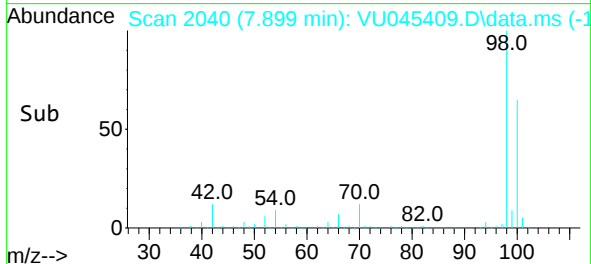
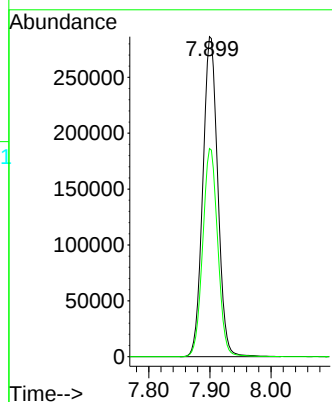
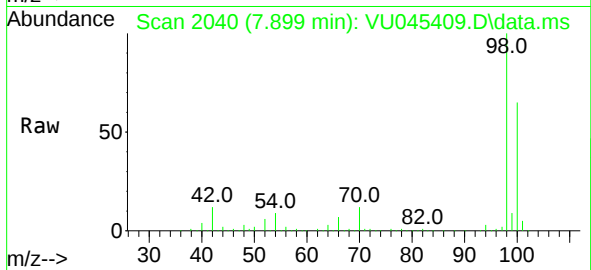




#50
Toluene-d8
Concen: 50.266 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. -0.003 min
Lab File: VU045409.D
Acq: 26 Oct 2021 18:33

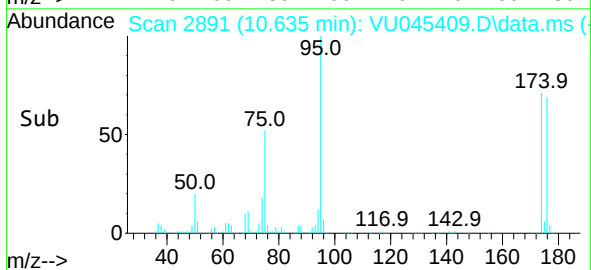
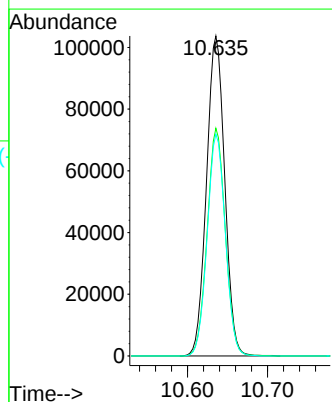
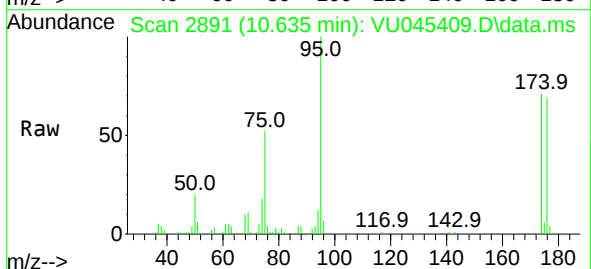
Instrument :
MSVOA_U
ClientSampleId :

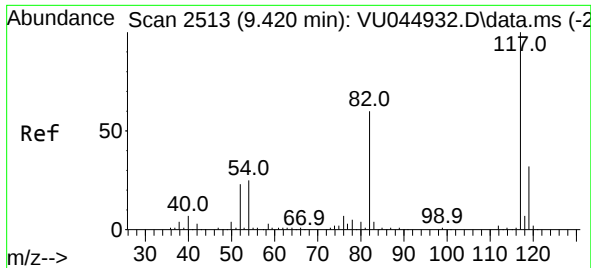
Tgt Ion: 98 Resp: 486473
Ion Ratio Lower Upper
98 100
100 65.4 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 41.174 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. 0.000 min
Lab File: VU045409.D
Acq: 26 Oct 2021 18:33

Tgt Ion: 95 Resp: 164513
Ion Ratio Lower Upper
95 100
174 70.9 0.0 146.6
176 68.8 0.0 141.2

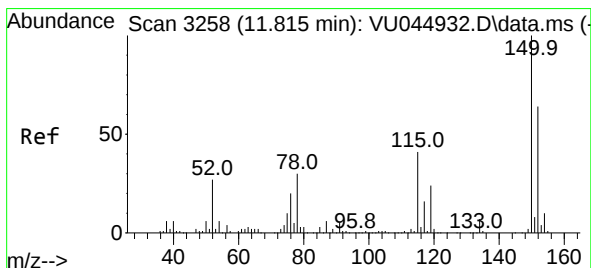
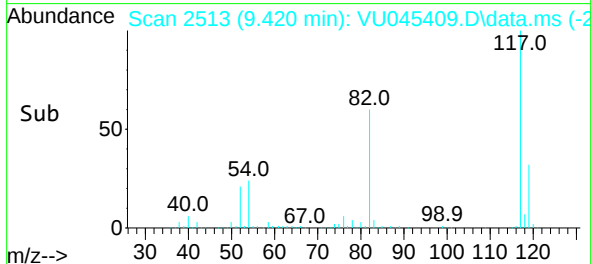
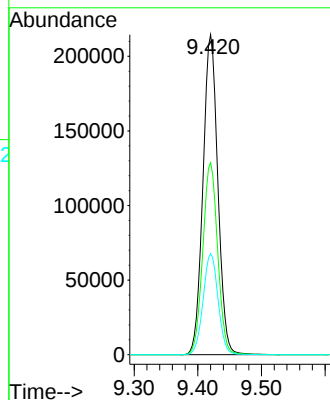
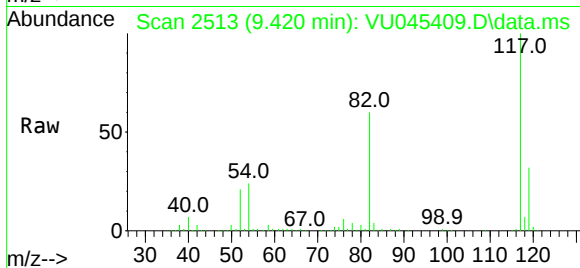




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045409.D
Acq: 26 Oct 2021 18:33

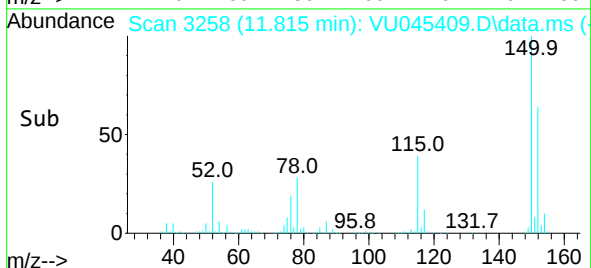
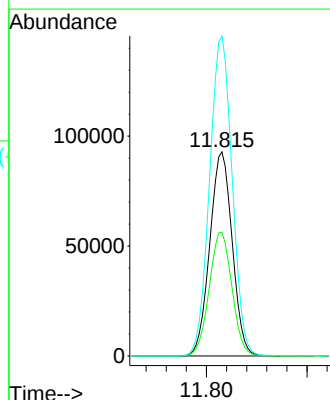
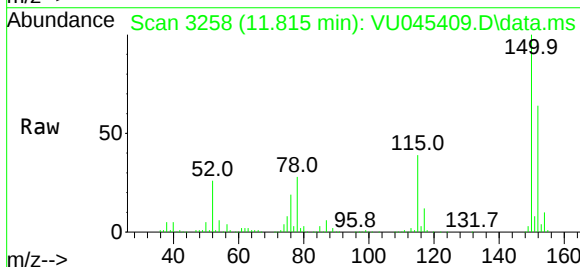
Instrument :
MSVOA_U
ClientSampleId :

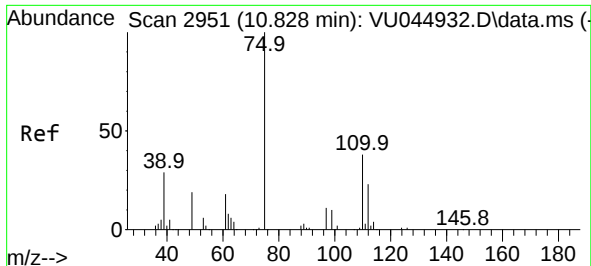
Tgt Ion:117 Resp: 348533
Ion Ratio Lower Upper
117 100
82 60.0 47.8 71.8
119 31.6 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.815 min Scan# 3258
Delta R.T. 0.000 min
Lab File: VU045409.D
Acq: 26 Oct 2021 18:33

Tgt Ion:152 Resp: 143904
Ion Ratio Lower Upper
152 100
115 61.4 43.5 130.7
150 157.6 0.0 350.0

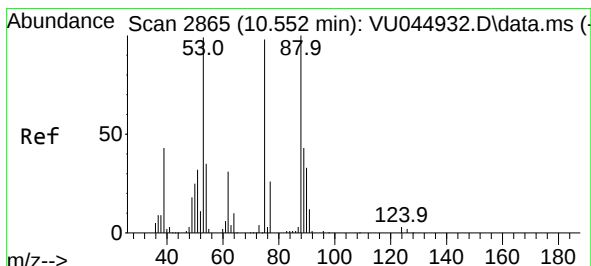
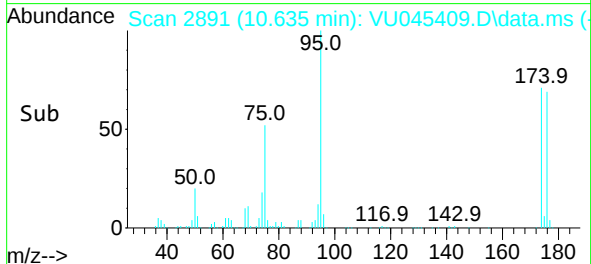
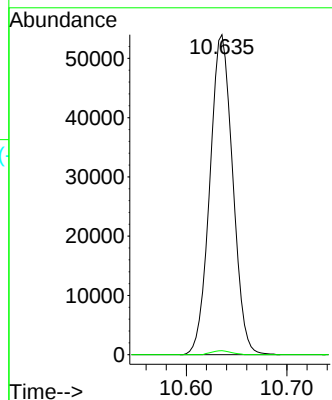
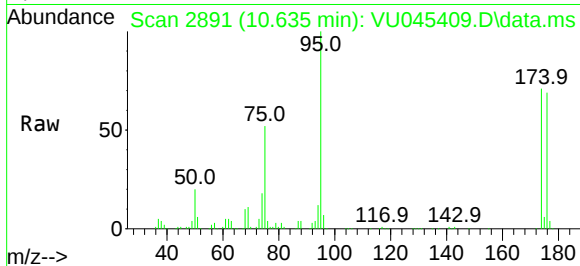




#76
1,2,3-Trichloropropane
Concen: 20.336 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. -0.193 min
Lab File: VU045409.D
Acq: 26 Oct 2021 18:33

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 85360
Ion Ratio Lower Upper
75 100
77 1.1 17.9 53.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 56.437 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. 0.083 min
Lab File: VU045409.D
Acq: 26 Oct 2021 18:33

Tgt Ion: 75 Resp: 85360
Ion Ratio Lower Upper
75 100
53 0.0 82.0 123.0#
89 0.0 34.2 51.4#

