

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092521\
 Data File : VU044872.D
 Acq On : 26 Sep 2021 05:51
 Operator : SY/MD
 Sample : M3888-08
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 40455

Quant Time: Sep 27 03:17:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092421W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 25 09:30:46 2021
 Response via : Initial Calibration

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

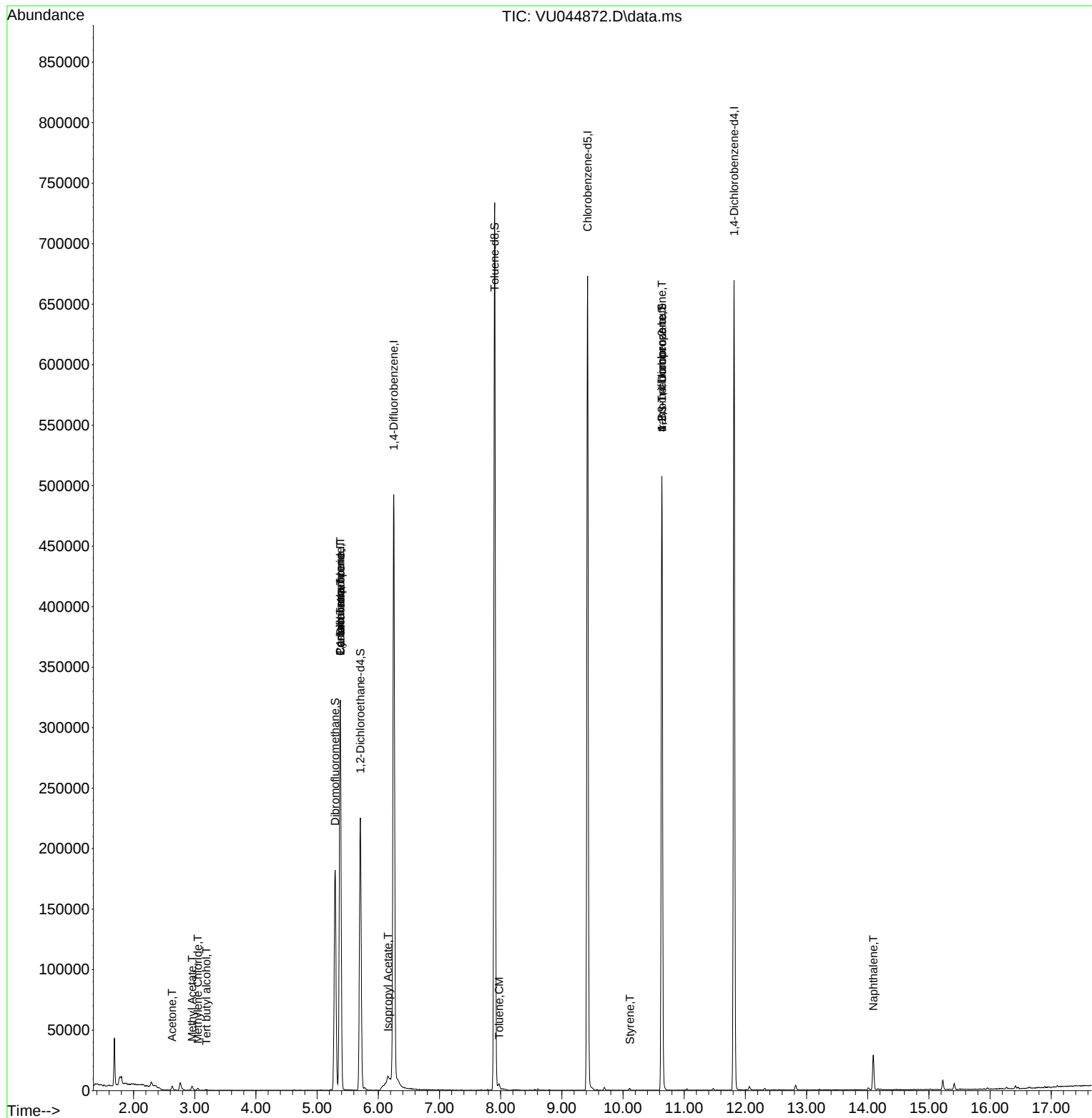
Internal Standards						
1) Pentafluorobenzene	5.379	168	210004	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	375287	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	344619	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	159504	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.707	65	169328	46.200	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.400%	
35) Dibromofluoromethane	5.295	113	116069	45.084	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.160%	
50) Toluene-d8	7.903	98	471305	48.471	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.940%	
62) 4-Bromofluorobenzene	10.636	95	170359	47.171	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.340%	
Target Compounds					Qvalue	
5) Bromomethane	1.851	94	369	Below Cal	#	75
6) Chloroethane	1.816	64	559	Below Cal	#	42
11) Tert butyl alcohol	3.192	59	443	0.414	ug/l #	72
16) Acetone	2.629	43	4180	2.022	ug/l	96
18) Methyl Acetate	2.954	43	4487	0.650	ug/l	93
20) Methylene Chloride	3.047	84	708	0.212	ug/l	96
31) Cyclohexane	5.379	56	5497	1.045	ug/l #	1
36) 1,1-Dichloropropene	5.379	75	19624	4.928	ug/l #	50
38) Carbon Tetrachloride	5.379	117	21945	6.165	ug/l #	16
43) Isopropyl Acetate	6.160	43	13294	1.626	ug/l #	61
52) Toluene	7.977	92	1684	0.232	ug/l	98
70) Styrene	10.115	104	310	1.046	ug/l #	80
76) 1,2,3-Trichloropropane	10.636	75	91832	19.013	ug/l #	41
81) trans-1,4-Dichloro-2-b...	10.636	75	91832	61.591	ug/l #	9
95) Naphthalene	14.092	128	23060	2.792	ug/l	99

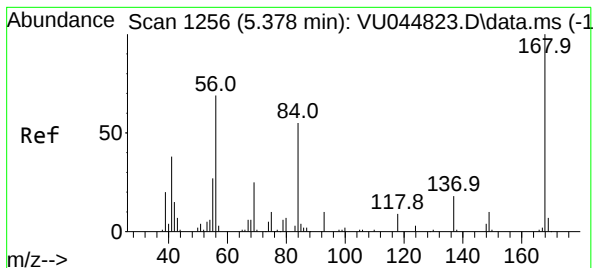
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.379 min Scan# 1256

Delta R.T. 0.001 min

Lab File: VU044872.D

Acq: 26 Sep 2021 05:51

Instrument :

MSVOA_U

ClientSampleId :

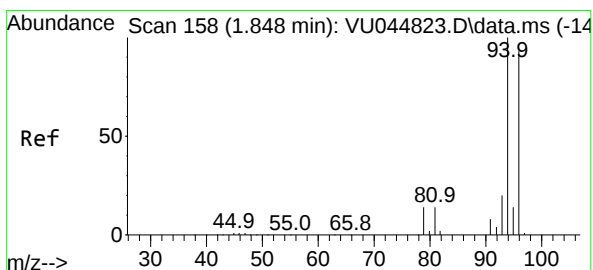
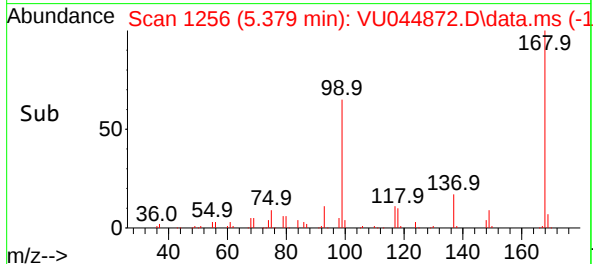
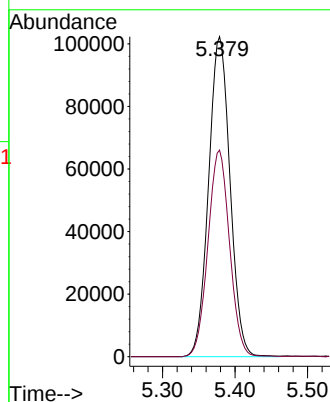
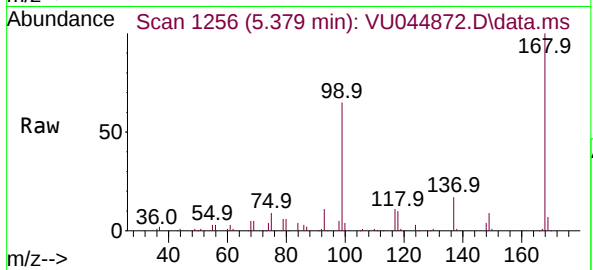
40455

Tgt Ion:168 Resp: 210004

Ion Ratio Lower Upper

168 100

99 64.6 51.4 77.0



#5

Bromomethane

Concen: Below Cal

RT: 1.851 min Scan# 159

Delta R.T. 0.003 min

Lab File: VU044872.D

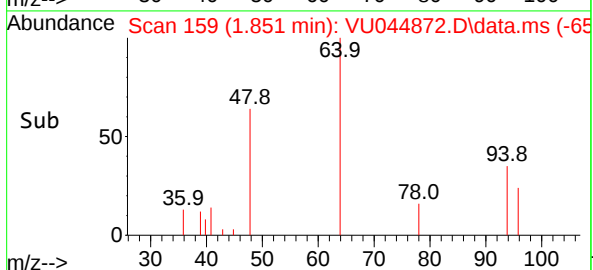
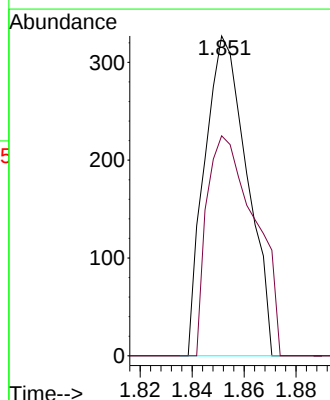
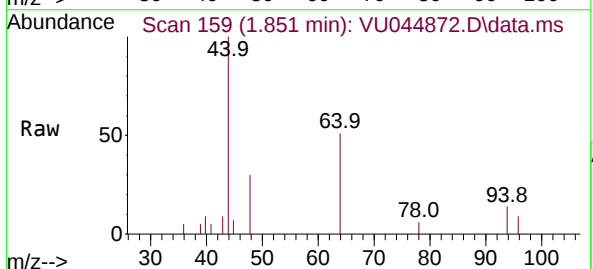
Acq: 26 Sep 2021 05:51

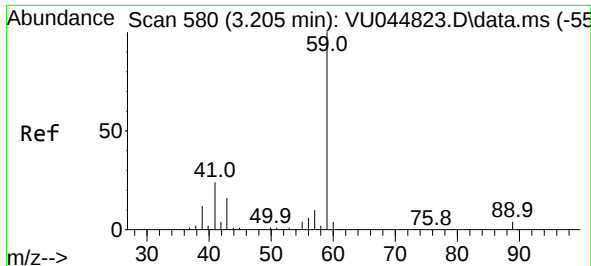
Tgt Ion: 94 Resp: 369

Ion Ratio Lower Upper

94 100

96 68.8 74.5 111.7#



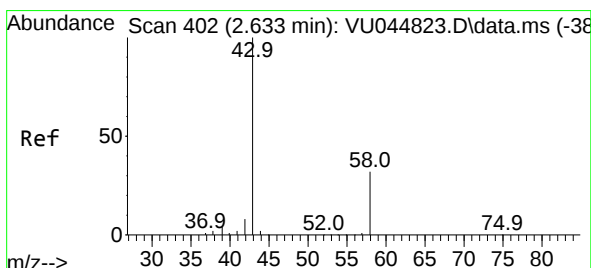
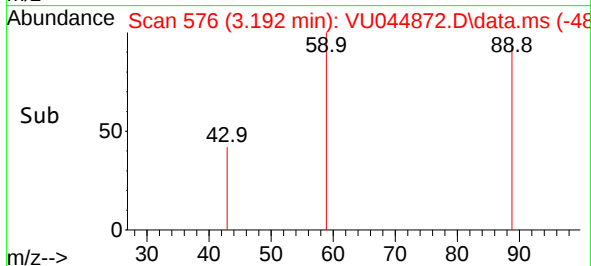
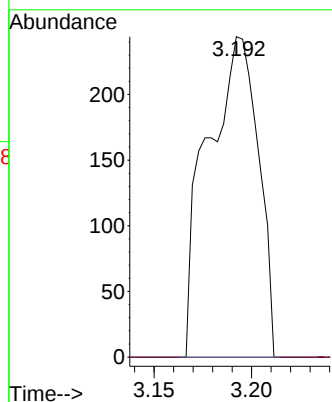
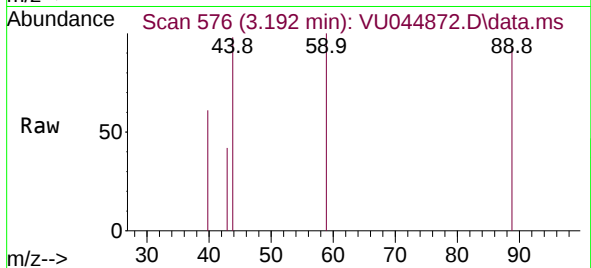


#11

Tert butyl alcohol
Concen: 0.414 ug/l
RT: 3.192 min Scan# 576
Delta R.T. -0.013 min
Lab File: VU044872.D
Acq: 26 Sep 2021 05:51

Instrument :
MSVOA_U
ClientSampleId :
40455

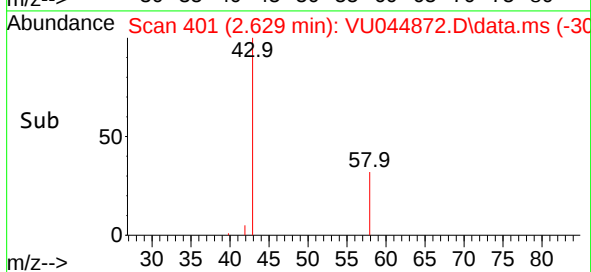
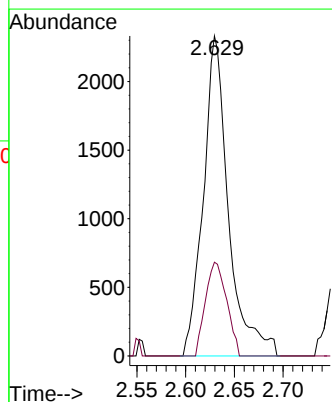
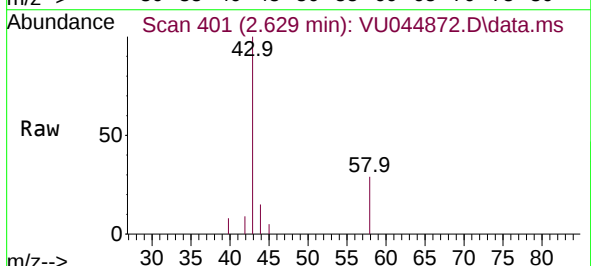
Tgt Ion: 59 Resp: 443
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

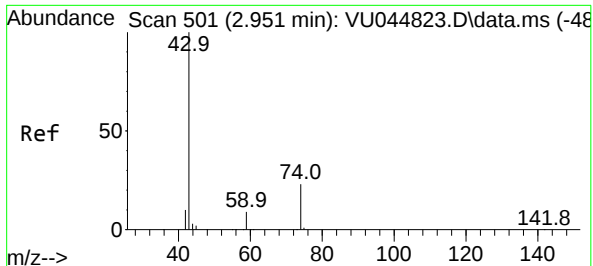


#16

Acetone
Concen: 2.022 ug/l
RT: 2.629 min Scan# 401
Delta R.T. -0.003 min
Lab File: VU044872.D
Acq: 26 Sep 2021 05:51

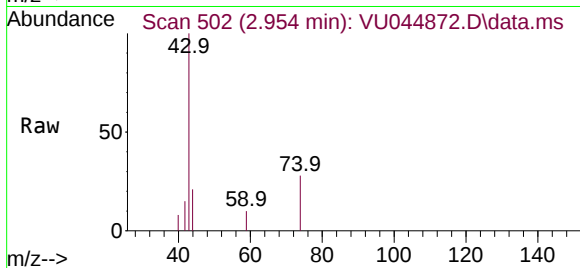
Tgt Ion: 43 Resp: 4180
Ion Ratio Lower Upper
43 100
58 29.3 25.2 37.8



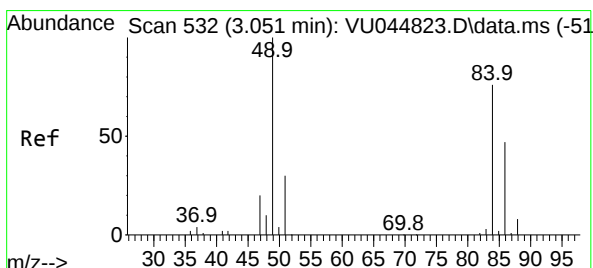
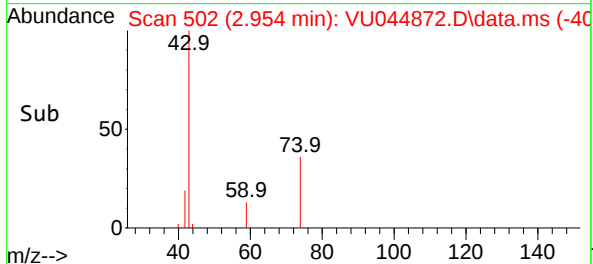
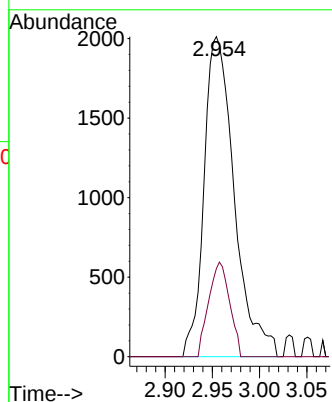


#18
Methyl Acetate
Concen: 0.650 ug/l
RT: 2.954 min Scan# 502
Delta R.T. 0.003 min
Lab File: VU044872.D
Acq: 26 Sep 2021 05:51

Instrument :
MSVOA_U
ClientSampleId :
40455

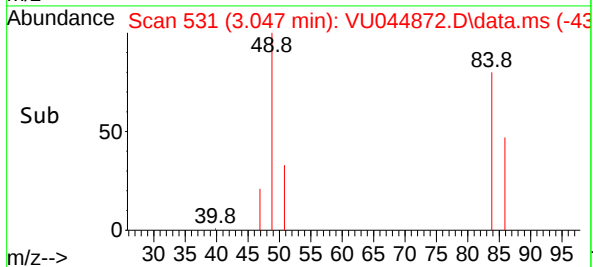
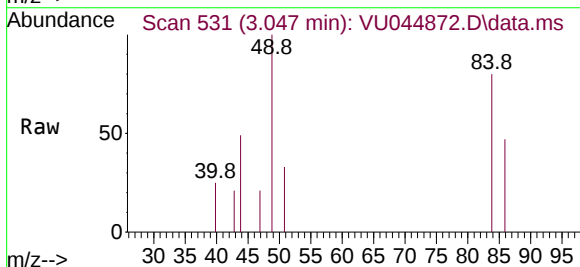
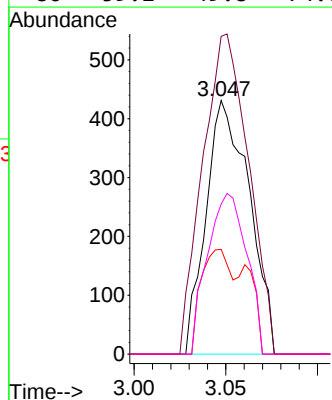


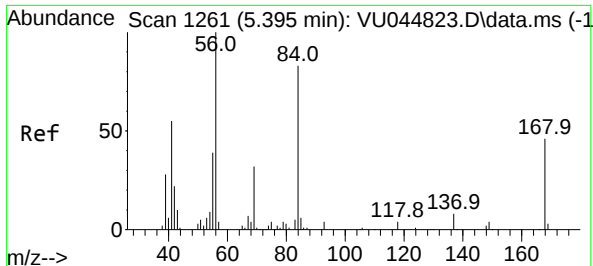
Tgt Ion: 43 Resp: 4487
Ion Ratio Lower Upper
43 100
74 20.3 19.0 28.6



#20
Methylene Chloride
Concen: 0.212 ug/l
RT: 3.047 min Scan# 531
Delta R.T. -0.003 min
Lab File: VU044872.D
Acq: 26 Sep 2021 05:51

Tgt Ion: 84 Resp: 708
Ion Ratio Lower Upper
84 100
49 125.3 104.9 157.3
51 41.3 31.8 47.8
86 59.2 49.8 74.6

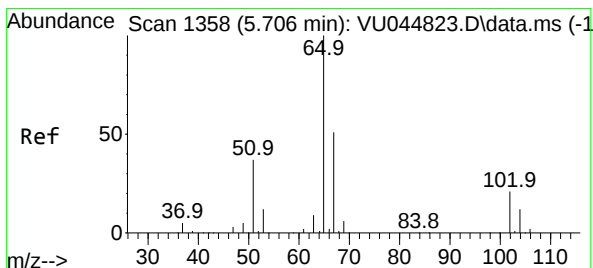
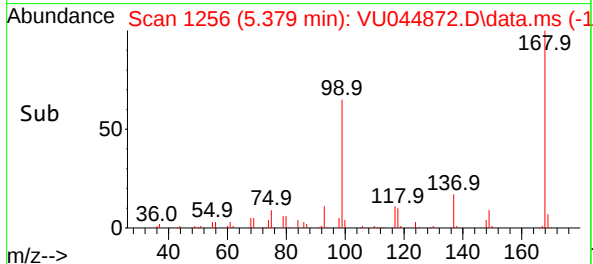
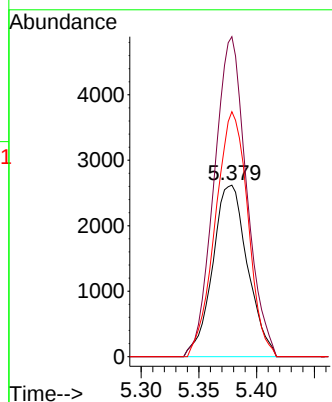
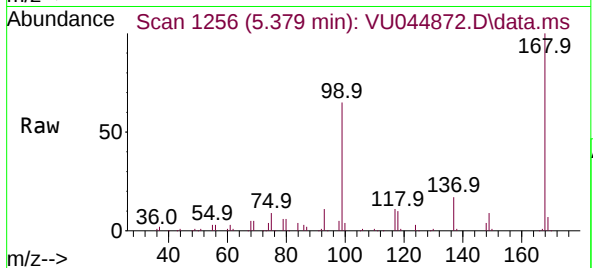




#31
Cyclohexane
Concen: 1.045 ug/l
RT: 5.379 min Scan# 1256
Delta R.T. -0.016 min
Lab File: VU044872.D
Acq: 26 Sep 2021 05:51

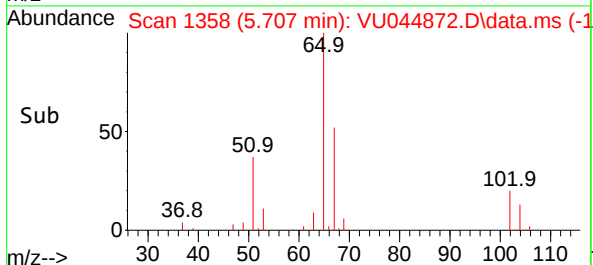
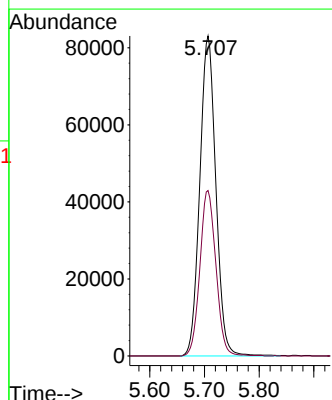
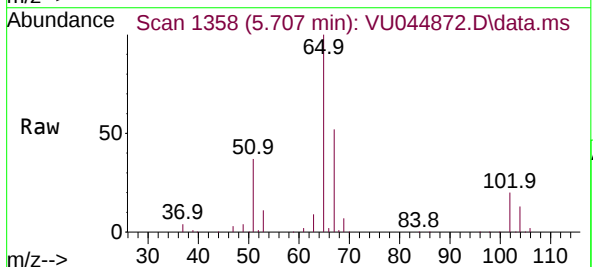
Instrument :
MSVOA_U
ClientSampled :
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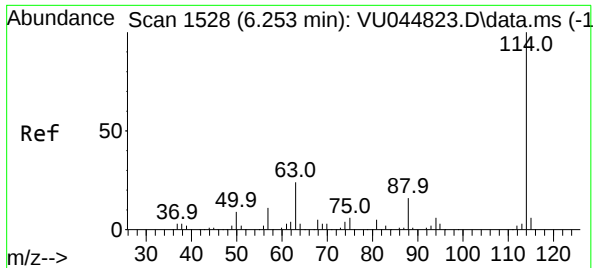
Tgt Ion: 56 Resp: 5497
Ion Ratio Lower Upper
56 100
69 186.5 25.2 37.8#
84 142.7 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 46.200 ug/l
RT: 5.707 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VU044872.D
Acq: 26 Sep 2021 05:51

Tgt Ion: 65 Resp: 169328
Ion Ratio Lower Upper
65 100
67 51.5 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.253 min Scan# 1528

Delta R.T. 0.000 min

Lab File: VU044872.D

Acq: 26 Sep 2021 05:51

Tgt Ion:114 Resp: 375287

Ion Ratio Lower Upper

114 100

63 22.9 0.0 47.8

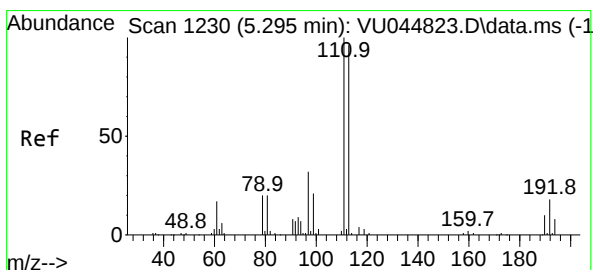
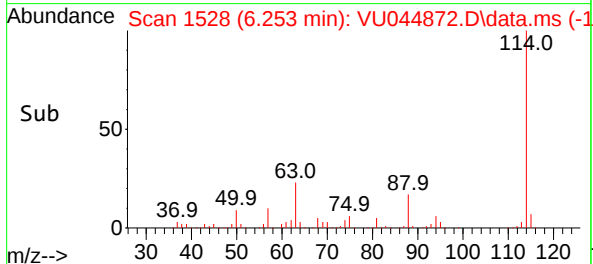
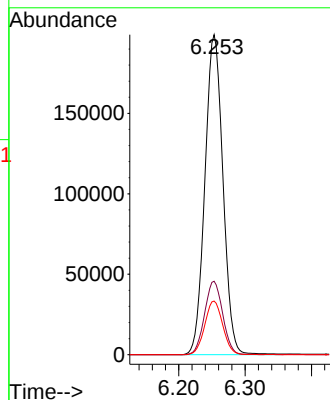
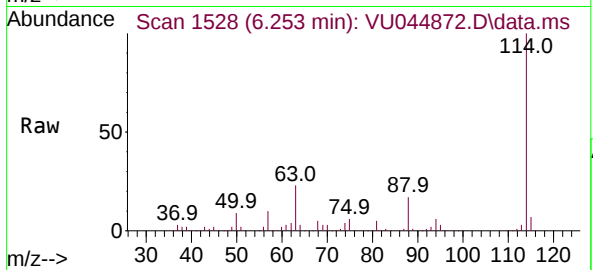
88 16.8 0.0 32.8

Instrument :

MSVOA_U

ClientSampleId :

40455



#35

Dibromofluoromethane

Concen: 45.084 ug/l

RT: 5.295 min Scan# 1230

Delta R.T. 0.000 min

Lab File: VU044872.D

Acq: 26 Sep 2021 05:51

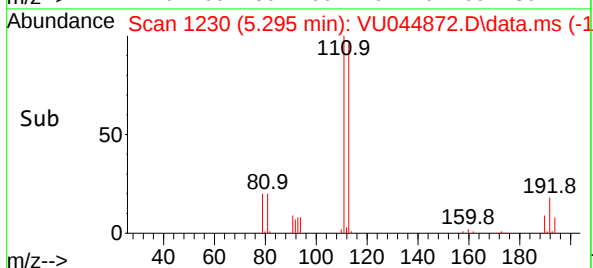
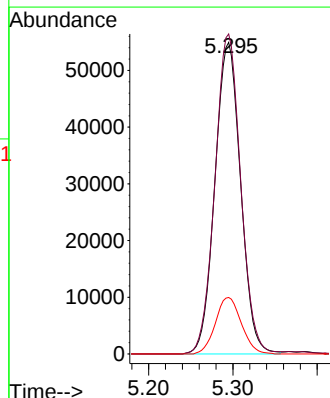
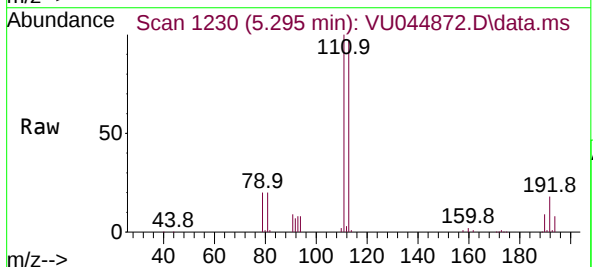
Tgt Ion:113 Resp: 116069

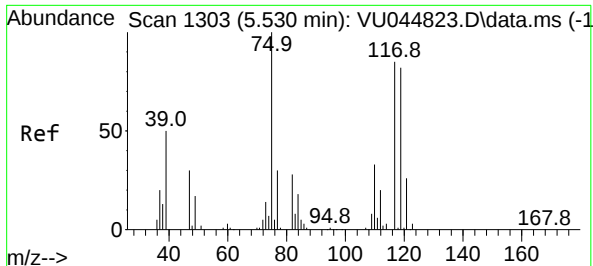
Ion Ratio Lower Upper

113 100

111 103.1 84.1 126.1

192 18.3 14.8 22.2



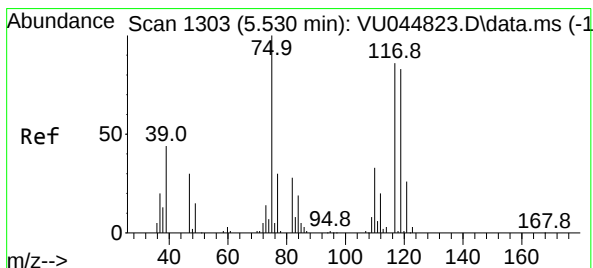
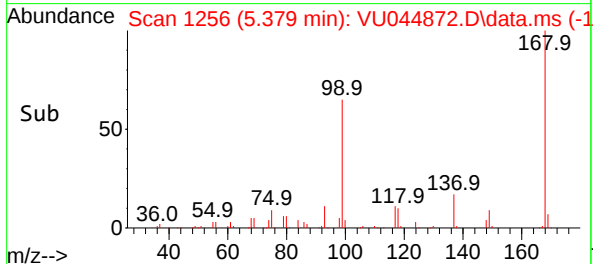
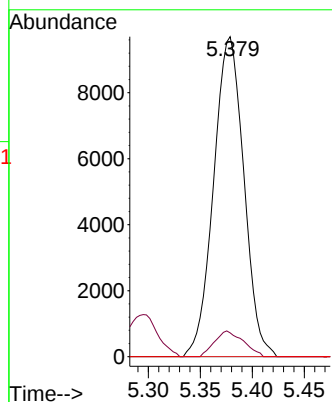
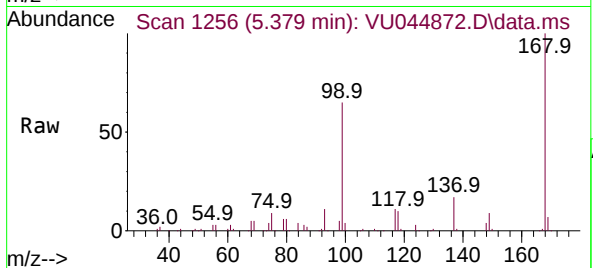


#36

1,1-Dichloropropene
Concen: 4.928 ug/l
RT: 5.379 min Scan# 1256
Delta R.T. -0.151 min
Lab File: VU044872.D
Acq: 26 Sep 2021 05:51

Instrument :
MSVOA_U
ClientSampleId :
40455

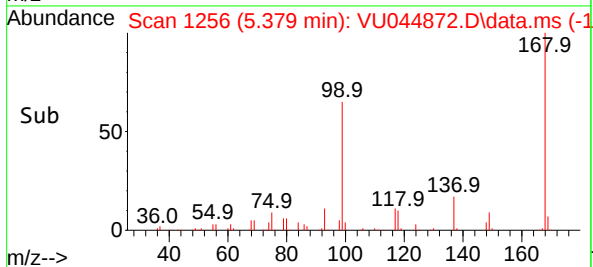
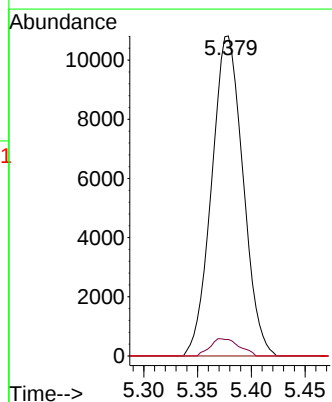
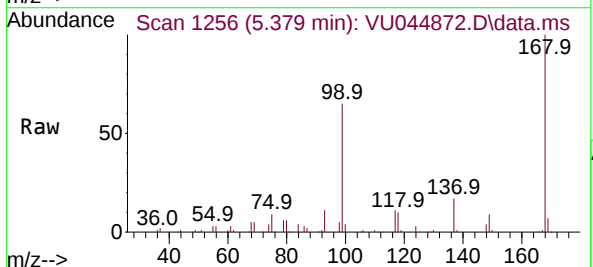
Tgt Ion: 75 Resp: 19624
Ion Ratio Lower Upper
75 100
110 7.7 16.3 48.9#
77 0.0 25.0 37.4#

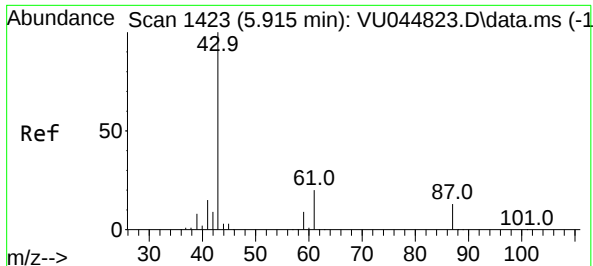


#38

Carbon Tetrachloride
Concen: 6.165 ug/l
RT: 5.379 min Scan# 1256
Delta R.T. -0.151 min
Lab File: VU044872.D
Acq: 26 Sep 2021 05:51

Tgt Ion: 117 Resp: 21945
Ion Ratio Lower Upper
117 100
119 5.2 77.4 116.2#
121 0.0 24.5 36.7#



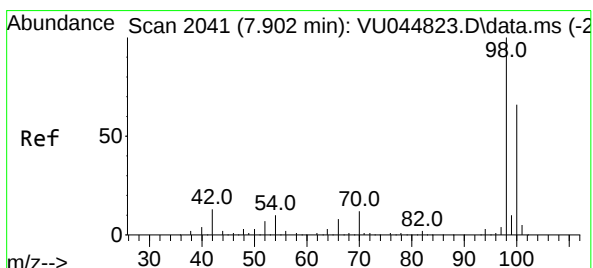
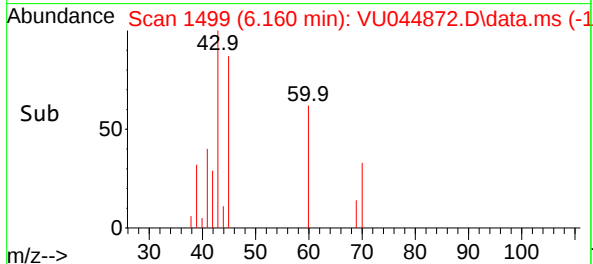
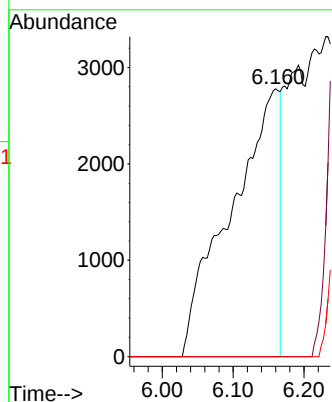
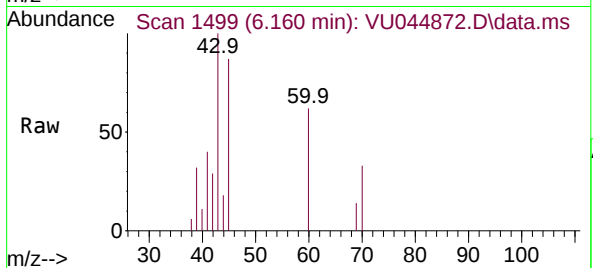


#43

Isopropyl Acetate
 Concen: 1.626 ug/l
 RT: 6.160 min Scan# 1499
 Delta R.T. 0.244 min
 Lab File: VU044872.D
 Acq: 26 Sep 2021 05:51

Instrument :
 MSVOA_U
 ClientSampled :
 40455

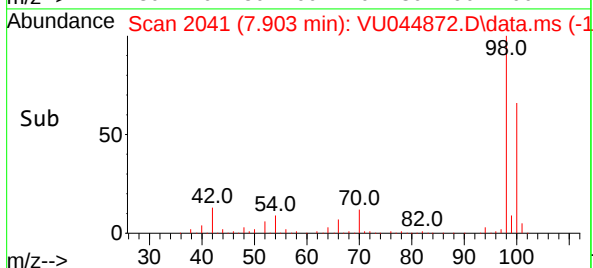
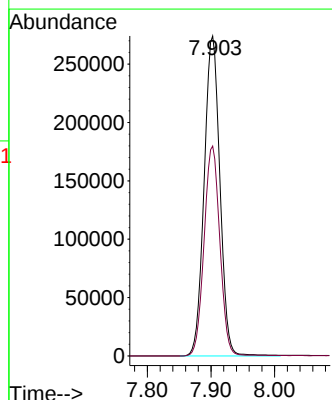
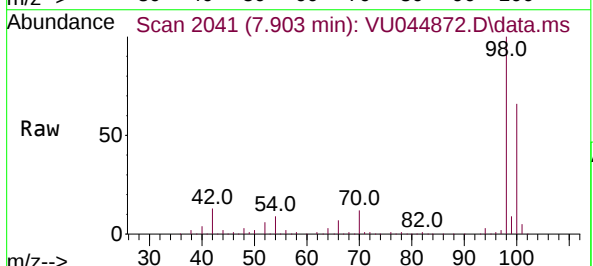
Tgt Ion: 43 Resp: 13294
 Ion Ratio Lower Upper
 43 100
 61 0.0 16.1 24.1#
 87 0.0 10.3 15.5#

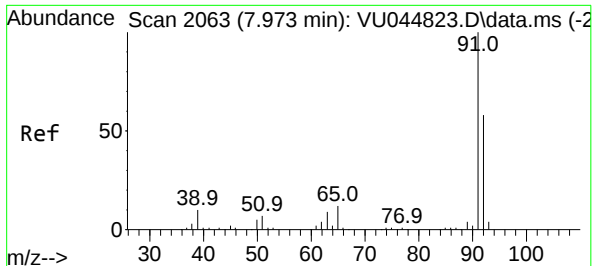


#50

Toluene-d8
 Concen: 48.471 ug/l
 RT: 7.903 min Scan# 2041
 Delta R.T. 0.000 min
 Lab File: VU044872.D
 Acq: 26 Sep 2021 05:51

Tgt Ion: 98 Resp: 471305
 Ion Ratio Lower Upper
 98 100
 100 65.4 52.5 78.7

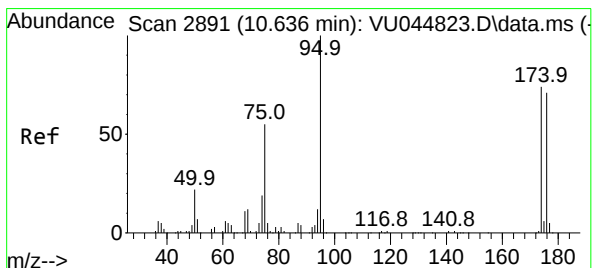
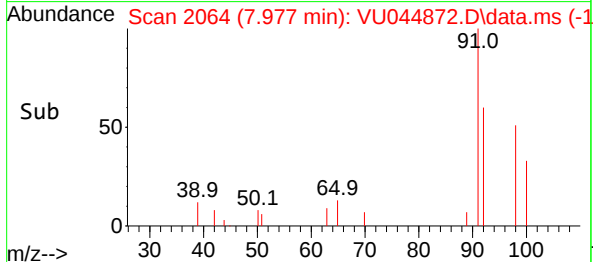
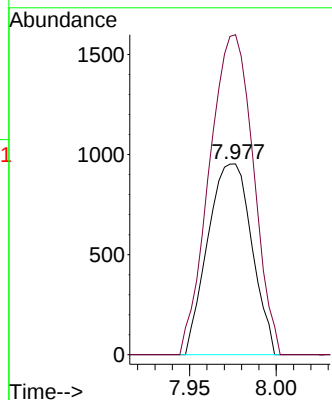
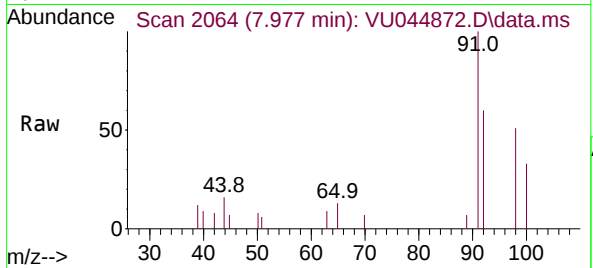




#52
Toluene
Concen: 0.232 ug/l
RT: 7.977 min Scan# 2064
Delta R.T. 0.003 min
Lab File: VU044872.D
Acq: 26 Sep 2021 05:51

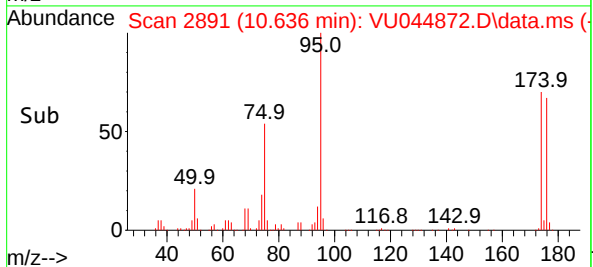
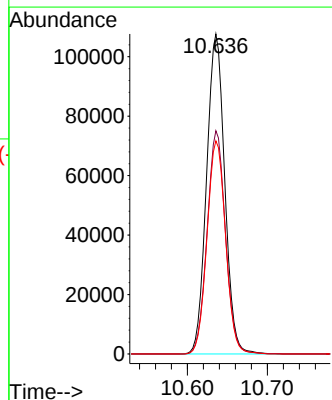
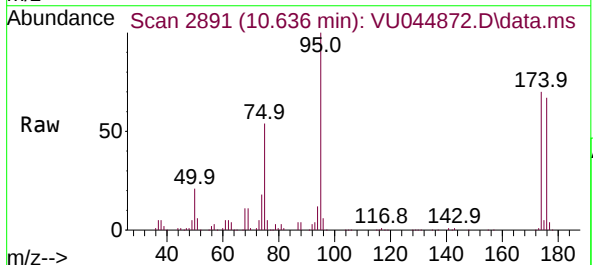
Instrument :
MSVOA_U
ClientSampled :
40455

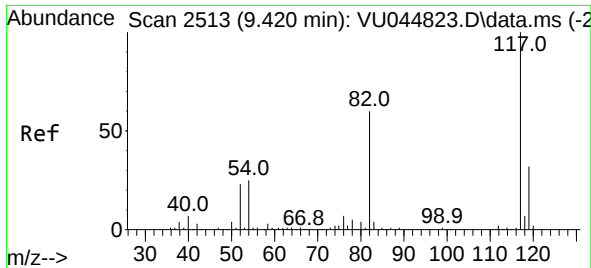
Tgt Ion: 92 Resp: 1684
Ion Ratio Lower Upper
92 100
91 167.7 136.9 205.3



#62
4-Bromofluorobenzene
Concen: 47.171 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.000 min
Lab File: VU044872.D
Acq: 26 Sep 2021 05:51

Tgt Ion: 95 Resp: 170359
Ion Ratio Lower Upper
95 100
174 70.5 0.0 146.6
176 68.0 0.0 141.2

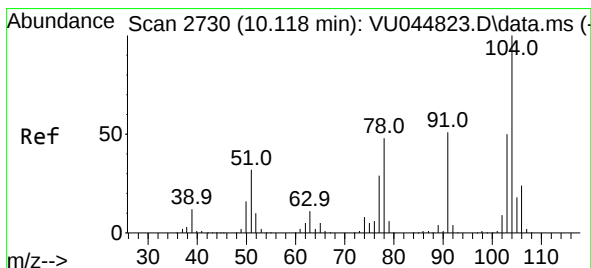
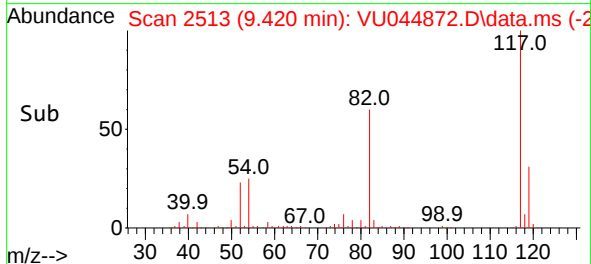
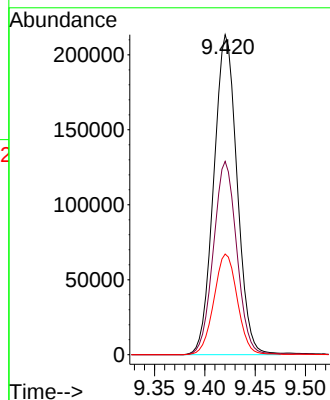
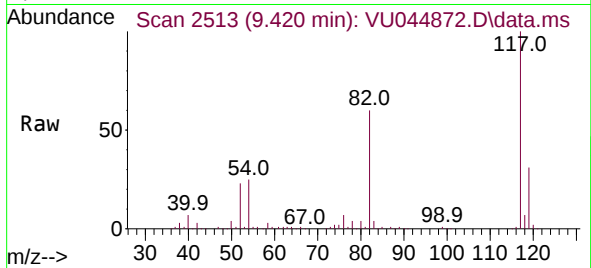




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU044872.D
Acq: 26 Sep 2021 05:51

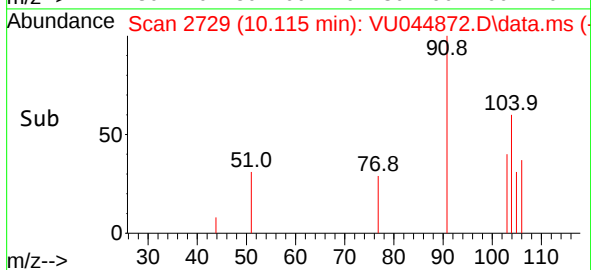
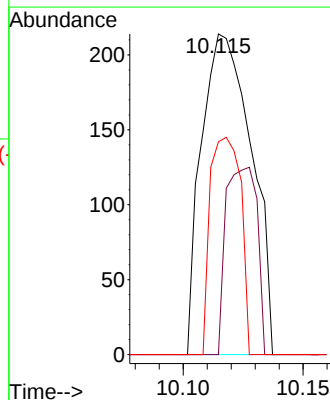
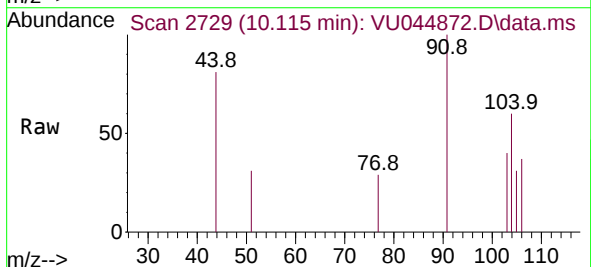
Instrument :
MSVOA_U
ClientSampleId :
40455

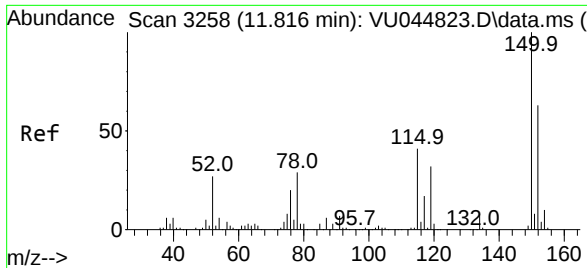
Tgt Ion:117 Resp: 344619
Ion Ratio Lower Upper
117 100
82 60.4 47.8 71.8
119 31.5 25.8 38.6



#70
Styrene
Concen: 1.046 ug/l
RT: 10.115 min Scan# 2729
Delta R.T. -0.003 min
Lab File: VU044872.D
Acq: 26 Sep 2021 05:51

Tgt Ion:104 Resp: 310
Ion Ratio Lower Upper
104 100
78 36.1 41.4 62.0#
103 41.3 43.5 65.3#

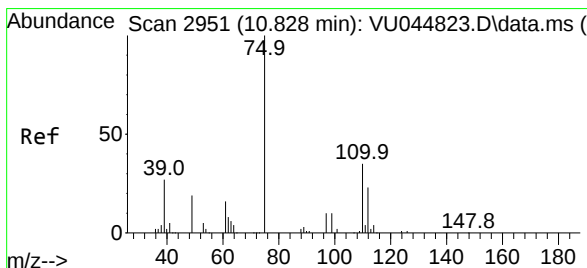
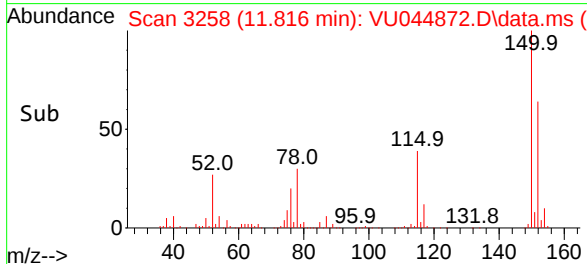
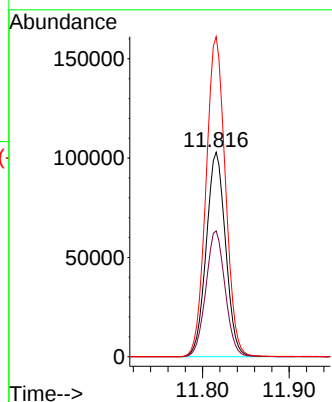
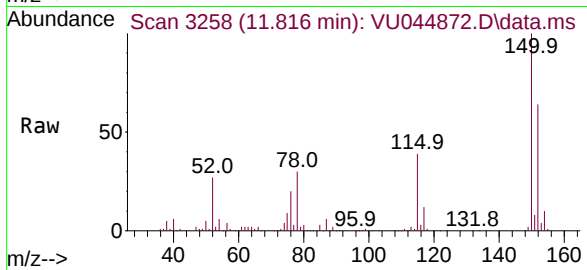




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.816 min Scan# 3258
 Delta R.T. 0.000 min
 Lab File: VU044872.D
 Acq: 26 Sep 2021 05:51

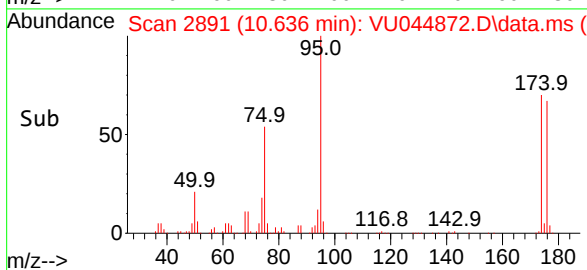
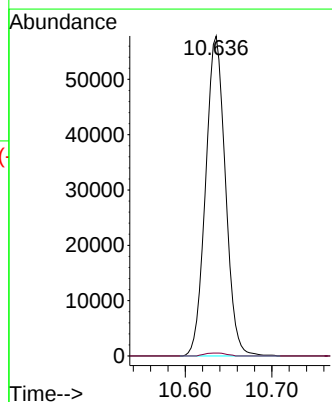
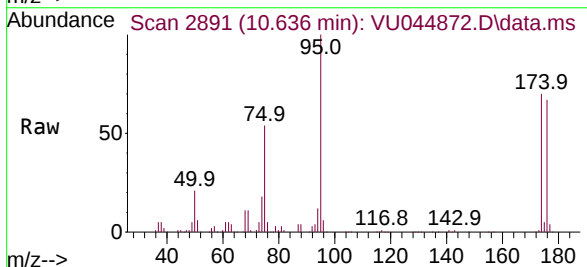
Instrument :
 MSVOA_U
 ClientSampled :
 40455

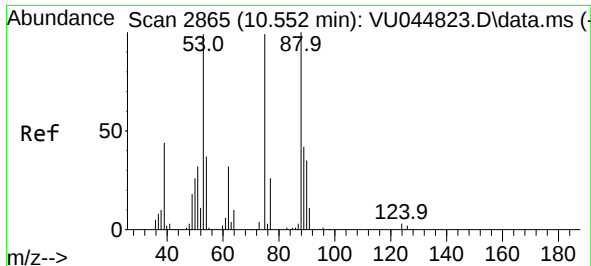
Tgt Ion:152 Resp: 159504
 Ion Ratio Lower Upper
 152 100
 115 61.5 43.5 130.7
 150 156.8 0.0 350.0



#76
 1,2,3-Trichloropropane
 Concen: 19.013 ug/l
 RT: 10.636 min Scan# 2891
 Delta R.T. -0.193 min
 Lab File: VU044872.D
 Acq: 26 Sep 2021 05:51

Tgt Ion: 75 Resp: 91832
 Ion Ratio Lower Upper
 75 100
 77 1.0 17.9 53.7#

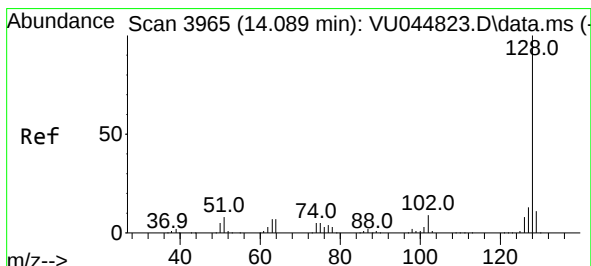
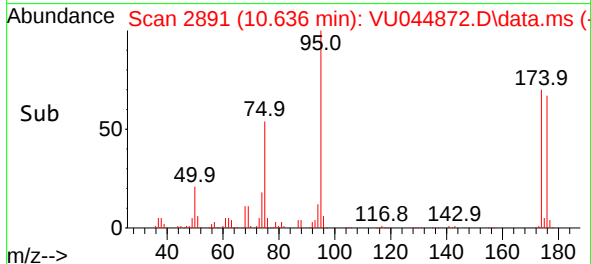
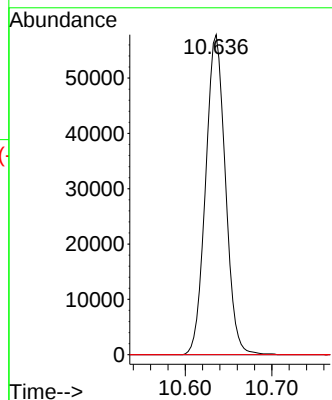
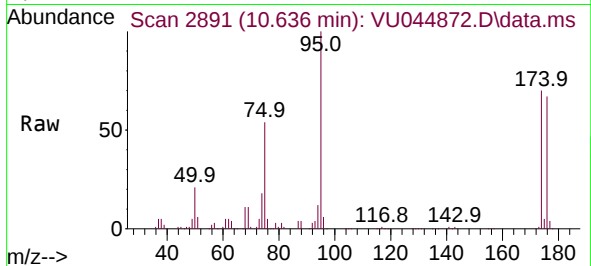




#81
trans-1,4-Dichloro-2-butene
Concen: 61.591 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.084 min
Lab File: VU044872.D
Acq: 26 Sep 2021 05:51

Instrument :
MSVOA_U
ClientSampleId :
40455

Tgt Ion: 75 Resp: 91832
Ion Ratio Lower Upper
75 100
53 0.0 82.0 123.0#
89 0.0 34.2 51.4#



#95
Naphthalene
Concen: 2.792 ug/l
RT: 14.092 min Scan# 3966
Delta R.T. 0.003 min
Lab File: VU044872.D
Acq: 26 Sep 2021 05:51

Tgt Ion: 128 Resp: 23060
Ion Ratio Lower Upper
128 100
127 13.4 10.4 15.6
129 10.2 8.6 13.0

