

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092521\
 Data File : VU044864.D
 Acq On : 26 Sep 2021 02:43
 Operator : SY/MD
 Sample : M3859-07
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 1033-TB092021

Quant Time: Sep 27 03:14:30 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)

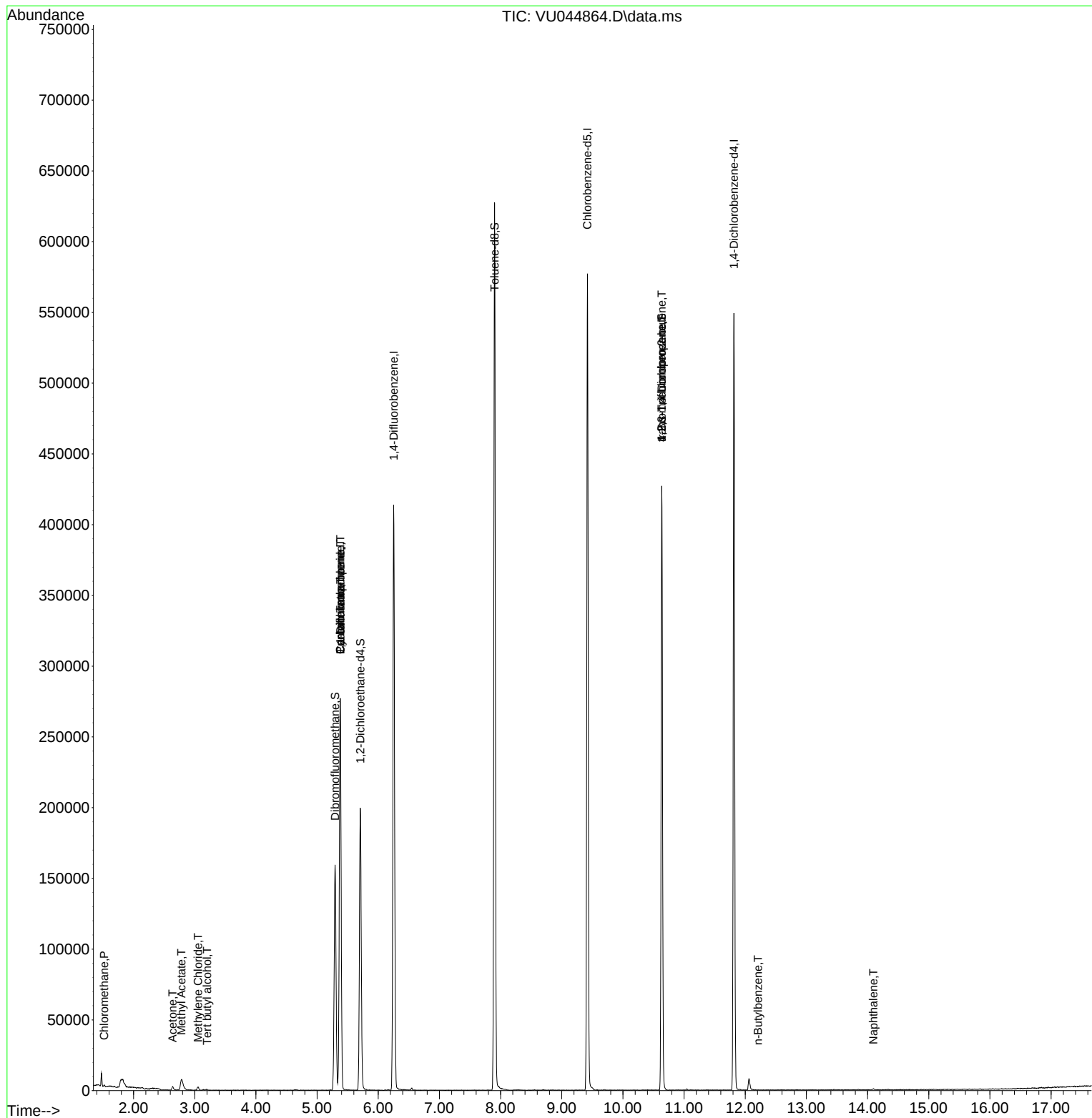
Internal Standards						
1) Pentafluorobenzene	5.378	168	178395	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	314089	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	293216	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	131605	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	149511	48.021	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.040%	
35) Dibromofluoromethane	5.295	113	101756	47.225	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.460%	
50) Toluene-d8	7.902	98	399086	49.041	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.080%	
62) 4-Bromofluorobenzene	10.635	95	139642	46.200	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.400%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.520	50	738	0.228	ug/l	99
5) Bromomethane	1.854	94	813	Below Cal		85
6) Chloroethane	1.932	64	183	Below Cal	#	42
11) Tert butyl alcohol	3.202	59	442	0.486	ug/l #	72
16) Acetone	2.639	43	3206	1.826	ug/l	99
18) Methyl Acetate	2.780	43	3715	0.633	ug/l #	52
20) Methylene Chloride	3.054	84	1117	0.393	ug/l	97
31) Cyclohexane	5.378	56	4705	1.053	ug/l #	2
36) 1,1-Dichloropropene	5.378	75	16560	4.969	ug/l #	49
38) Carbon Tetrachloride	5.378	117	18500	6.209	ug/l #	16
76) 1,2,3-Trichloropropane	10.635	75	75944	19.057	ug/l #	41
81) trans-1,4-Dichloro-2-b...	10.635	75	75944	61.732	ug/l #	9
89) n-Butylbenzene	12.208	91	110	1.289	ug/l #	33
95) Naphthalene	14.095	128	1192	1.059	ug/l #	69

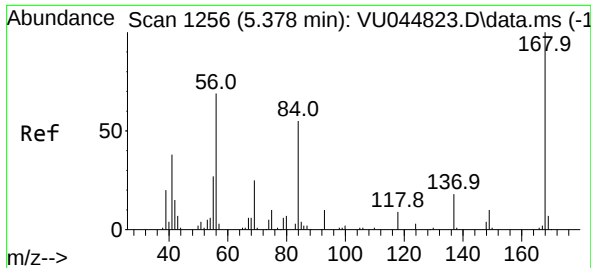
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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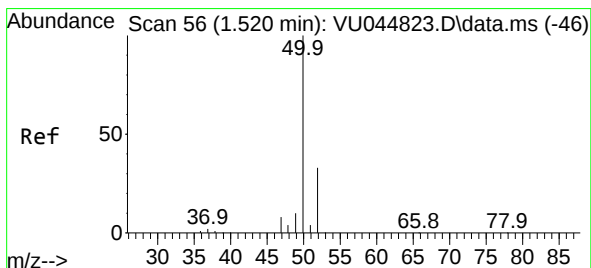
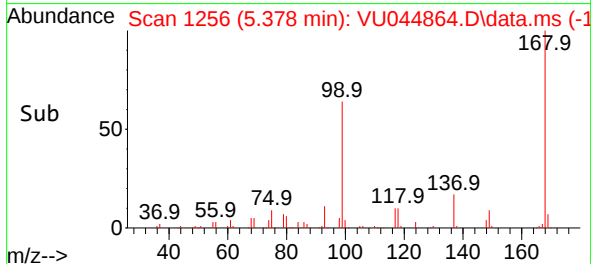
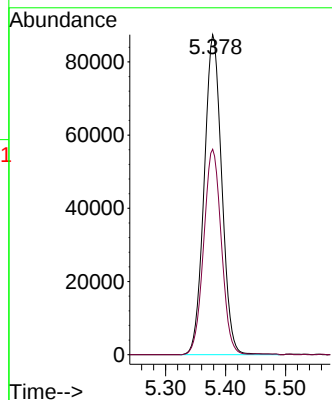
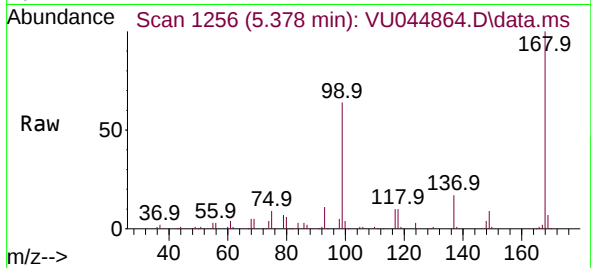




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. 0.000 min
Lab File: VU044864.D
Acq: 26 Sep 2021 02:43

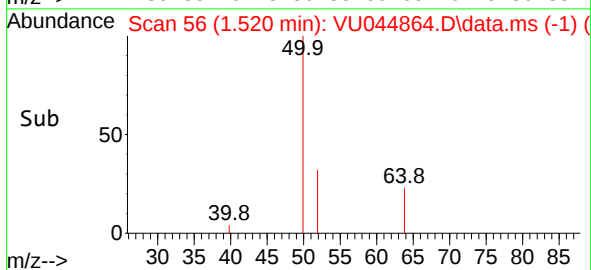
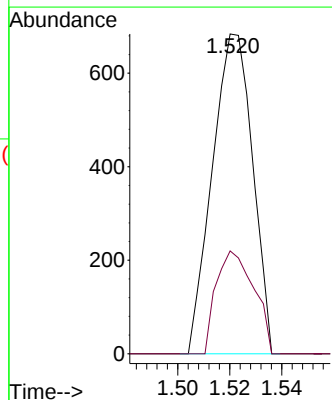
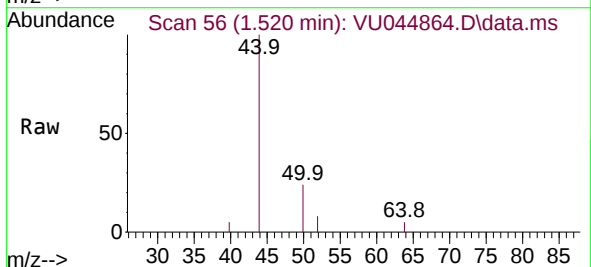
Instrument :
MSVOA_U
ClientSampleId :
1033-TB092021

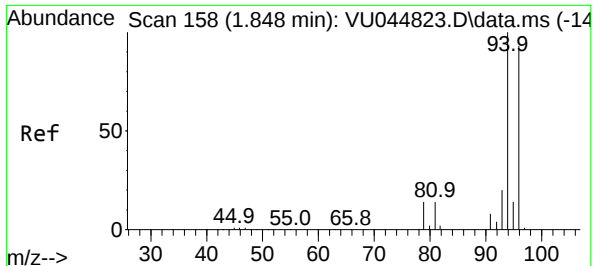
Tgt Ion:168 Resp: 178395
Ion Ratio Lower Upper
168 100
99 64.2 51.4 77.0



#3
Chloromethane
Concen: 0.228 ug/l
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU044864.D
Acq: 26 Sep 2021 02:43

Tgt Ion: 50 Resp: 738
Ion Ratio Lower Upper
50 100
52 32.2 26.3 39.5

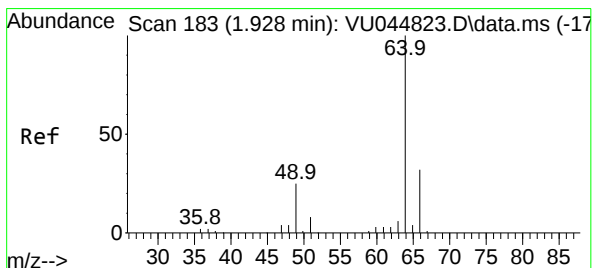
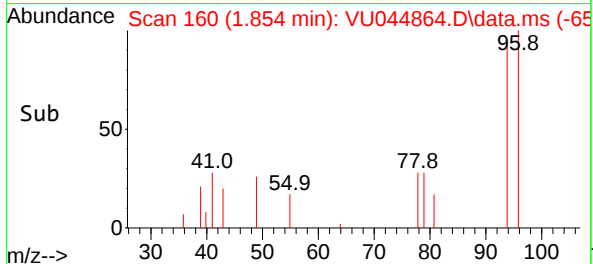
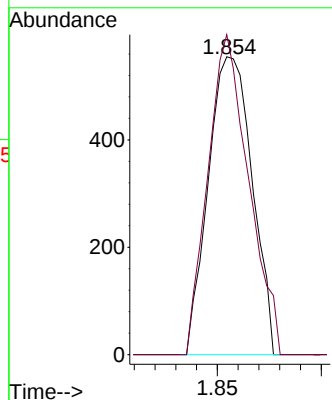
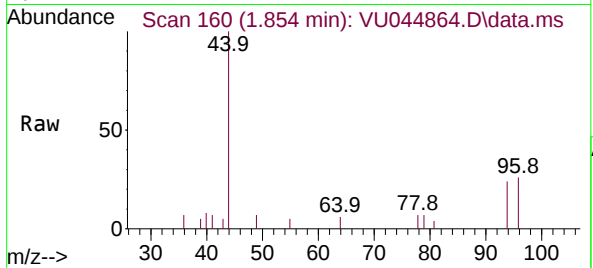




#5
Bromomethane
Concen: Below Cal
RT: 1.854 min Scan# 160
Delta R.T. 0.006 min
Lab File: VU044864.D
Acq: 26 Sep 2021 02:43

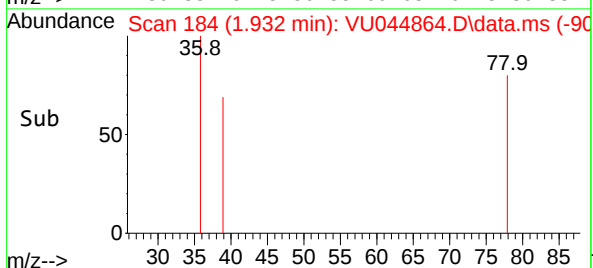
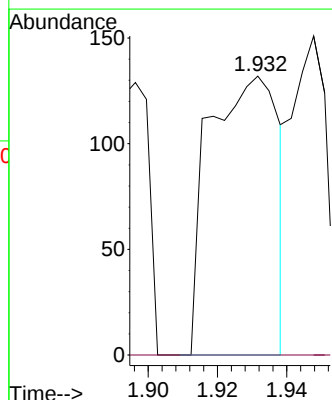
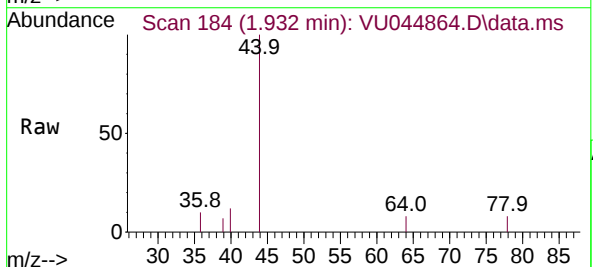
Instrument :
MSVOA_U
ClientSampleId :
1033-TB092021

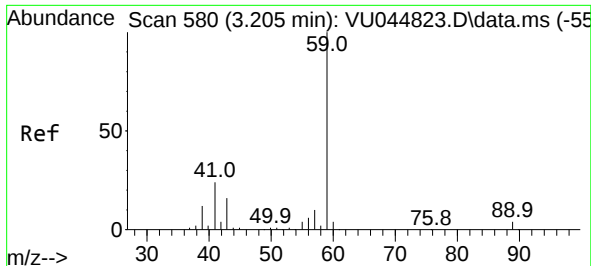
Tgt Ion: 94 Resp: 813
Ion Ratio Lower Upper
94 100
96 107.4 74.5 111.7



#6
Chloroethane
Concen: Below Cal
RT: 1.932 min Scan# 184
Delta R.T. 0.004 min
Lab File: VU044864.D
Acq: 26 Sep 2021 02:43

Tgt Ion: 64 Resp: 183
Ion Ratio Lower Upper
64 100
66 0.0 25.8 38.8#



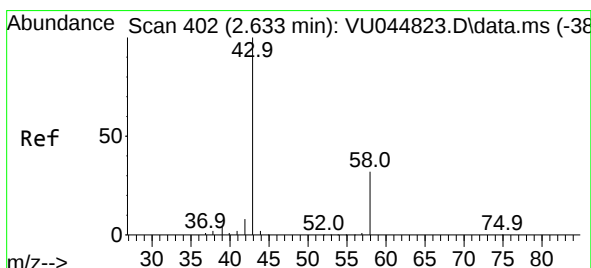
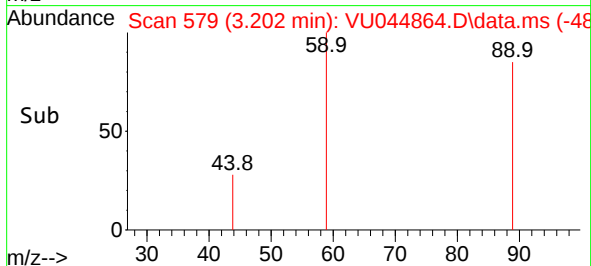
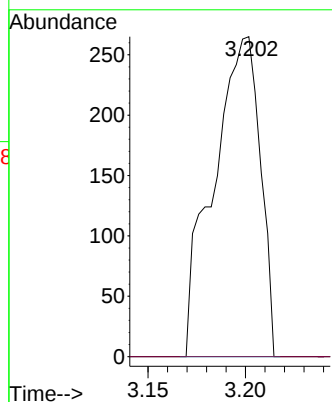
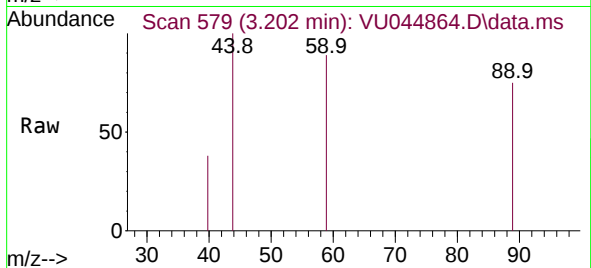


#11

Tert butyl alcohol
Concen: 0.486 ug/l
RT: 3.202 min Scan# 579
Delta R.T. -0.003 min
Lab File: VU044864.D
Acq: 26 Sep 2021 02:43

Instrument :
MSVOA_U
ClientSampleId :
1033-TB092021

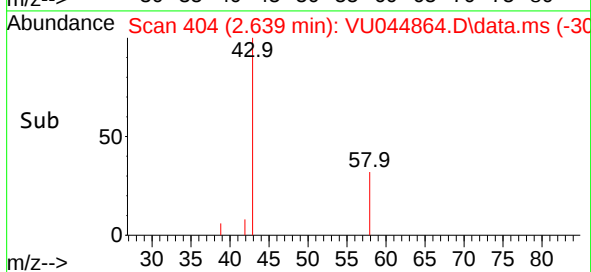
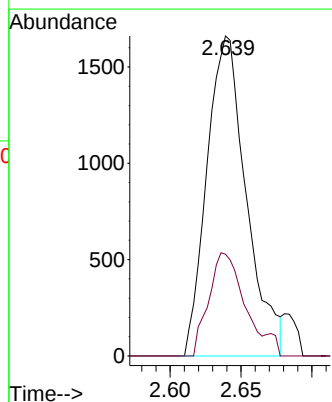
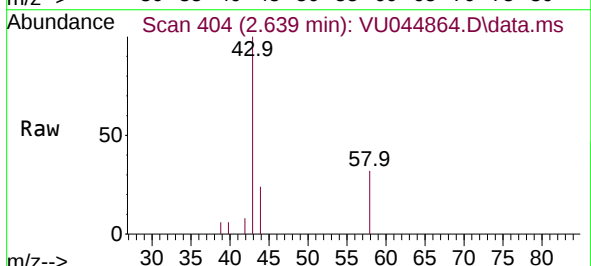
Tgt Ion: 59 Resp: 442
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

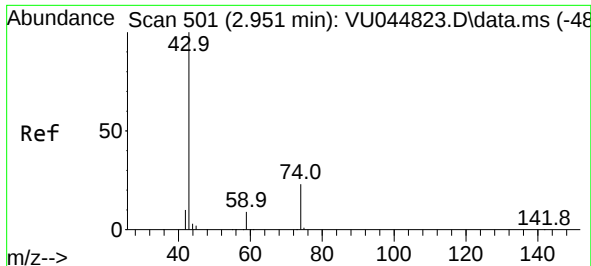


#16

Acetone
Concen: 1.826 ug/l
RT: 2.639 min Scan# 404
Delta R.T. 0.006 min
Lab File: VU044864.D
Acq: 26 Sep 2021 02:43

Tgt Ion: 43 Resp: 3206
Ion Ratio Lower Upper
43 100
58 31.8 25.2 37.8

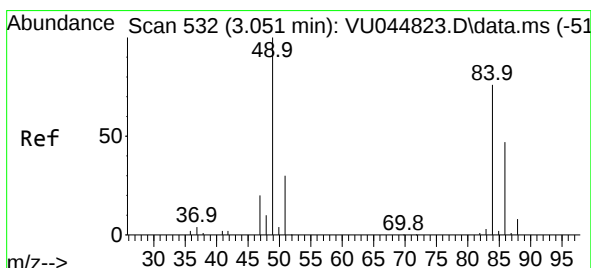
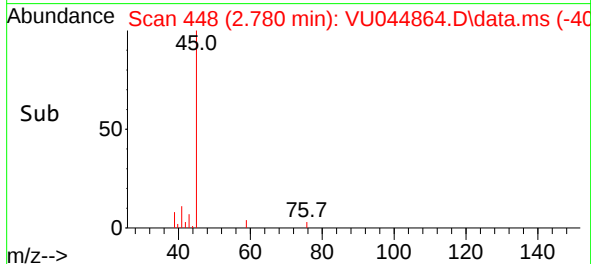
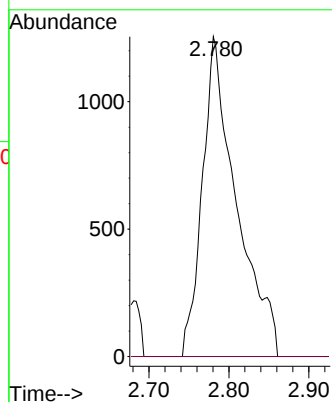
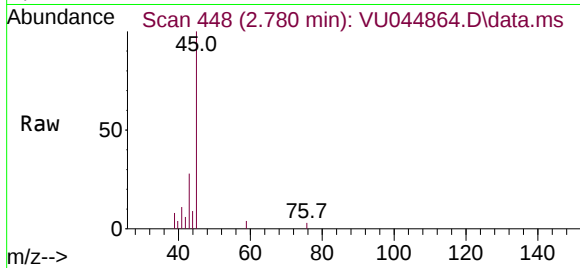




#18
Methyl Acetate
Concen: 0.633 ug/l
RT: 2.780 min Scan# 448
Delta R.T. -0.170 min
Lab File: VU044864.D
Acq: 26 Sep 2021 02:43

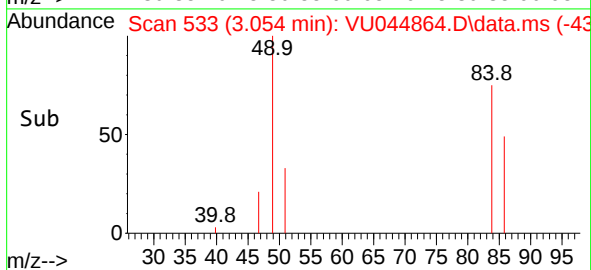
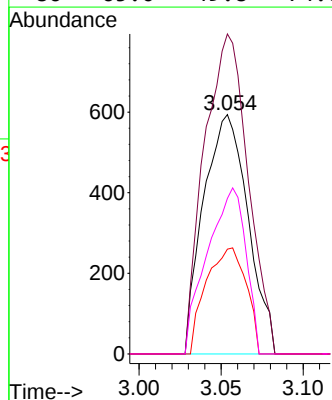
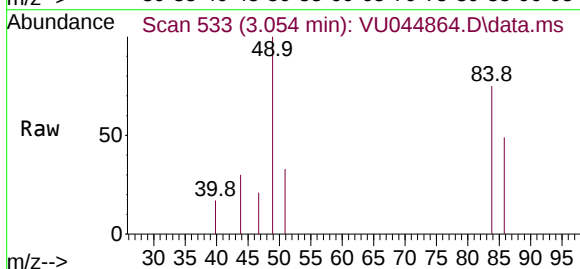
Instrument :
MSVOA_U
ClientSampleId :
1033-TB092021

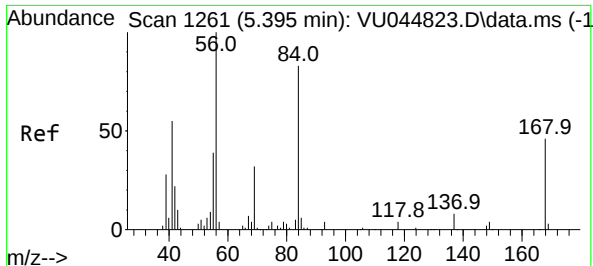
Tgt Ion: 43 Resp: 3715
Ion Ratio Lower Upper
43 100
74 0.0 19.0 28.6#



#20
Methylene Chloride
Concen: 0.393 ug/l
RT: 3.054 min Scan# 533
Delta R.T. 0.003 min
Lab File: VU044864.D
Acq: 26 Sep 2021 02:43

Tgt Ion: 84 Resp: 1117
Ion Ratio Lower Upper
84 100
49 133.7 104.9 157.3
51 43.8 31.8 47.8
86 65.0 49.8 74.6





#31

Cyclohexane

Concen: 1.053 ug/l

RT: 5.378 min Scan# 1256

Delta R.T. -0.016 min

Lab File: VU044864.D

Acq: 26 Sep 2021 02:43

Tgt Ion: 56 Resp: 4705

Ion Ratio Lower Upper

56 100

69 173.2 25.2 37.8#

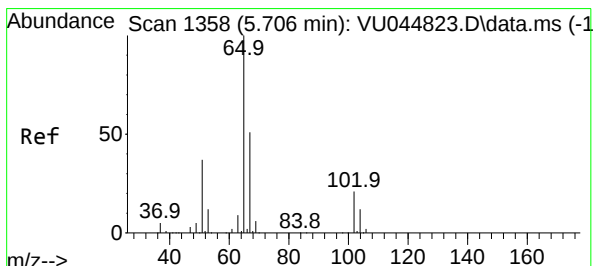
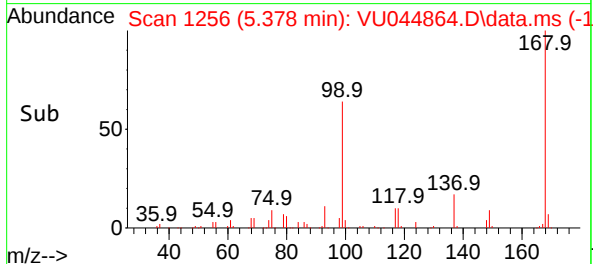
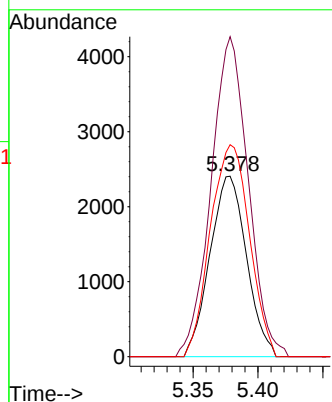
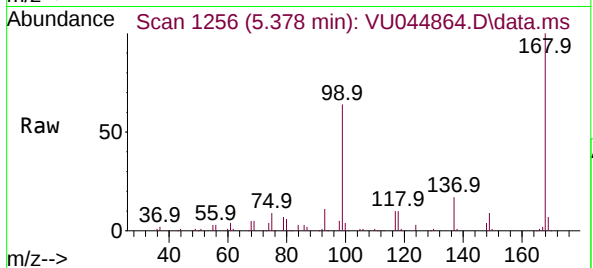
84 117.5 66.4 99.6#

Instrument :

MSVOA_U

ClientSampleId :

1033-TB092021



#33

1,2-Dichloroethane-d4

Concen: 48.021 ug/l

RT: 5.706 min Scan# 1358

Delta R.T. -0.000 min

Lab File: VU044864.D

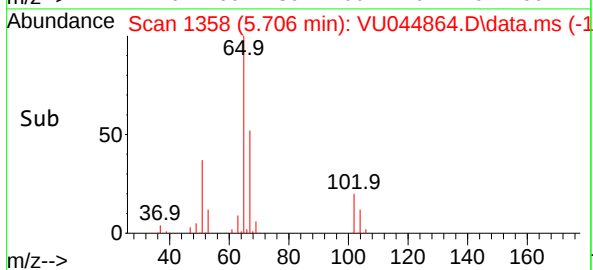
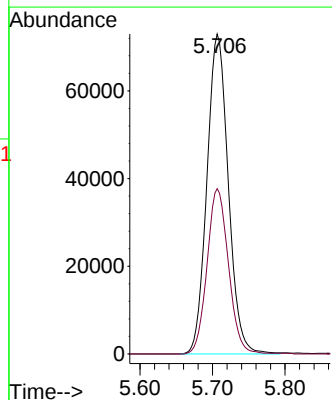
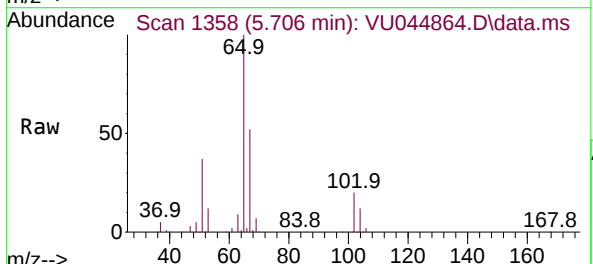
Acq: 26 Sep 2021 02:43

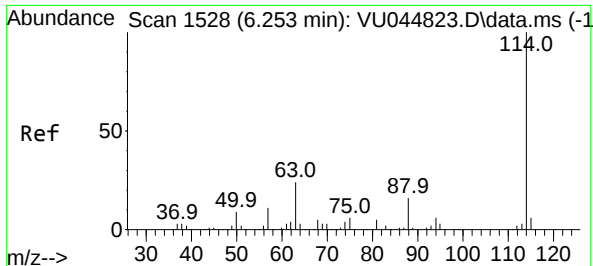
Tgt Ion: 65 Resp: 149511

Ion Ratio Lower Upper

65 100

67 51.7 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: VU044864.D

Acq: 26 Sep 2021 02:43

Tgt Ion:114 Resp: 314089

Ion Ratio Lower Upper

114 100

63 23.1 0.0 47.8

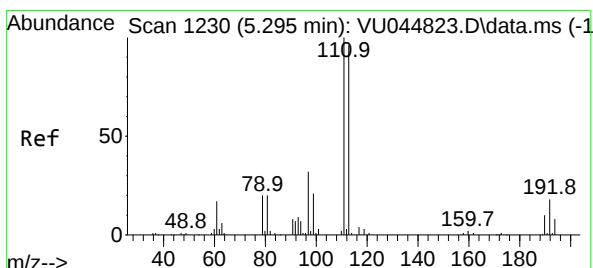
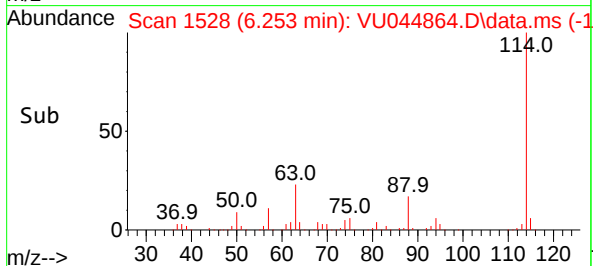
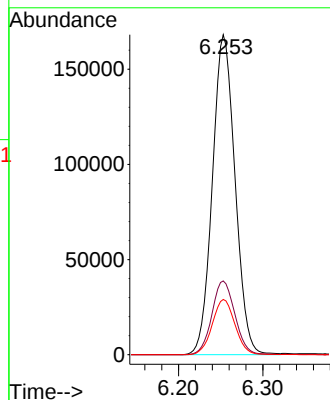
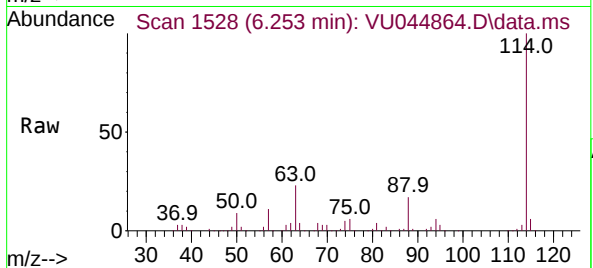
88 17.3 0.0 32.8

Instrument :

MSVOA_U

ClientSampleId :

1033-TB092021



#35

Dibromofluoromethane

Concen: 47.225 ug/l

RT: 5.295 min Scan# 1230

Delta R.T. -0.000 min

Lab File: VU044864.D

Acq: 26 Sep 2021 02:43

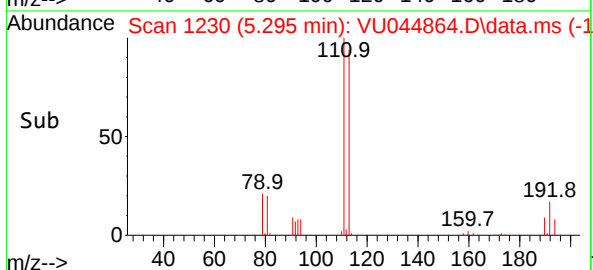
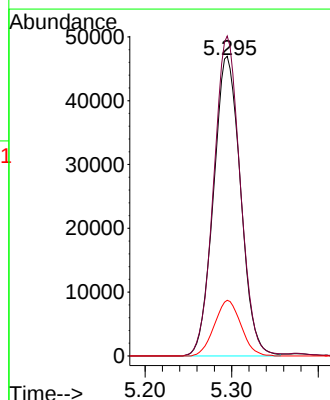
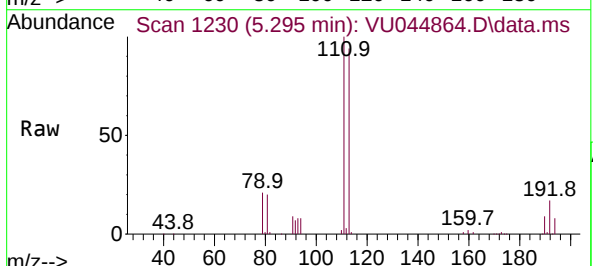
Tgt Ion:113 Resp: 101756

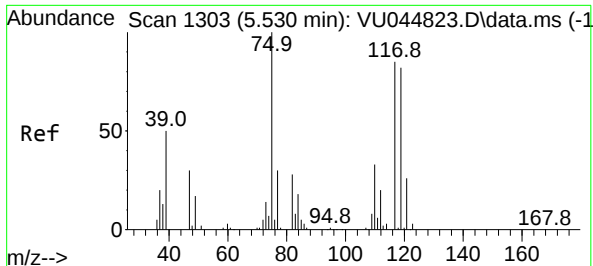
Ion Ratio Lower Upper

113 100

111 104.5 84.1 126.1

192 18.3 14.8 22.2



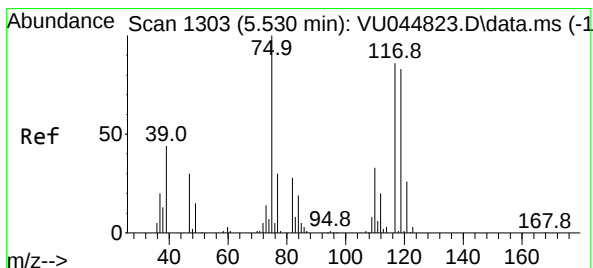
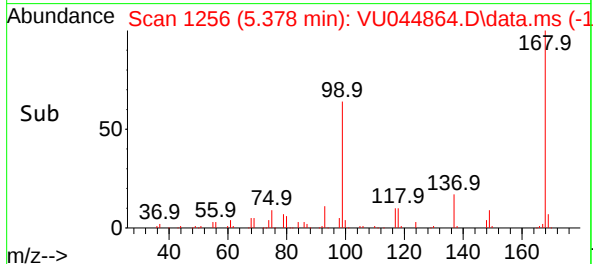
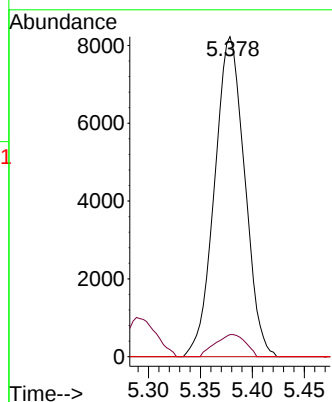
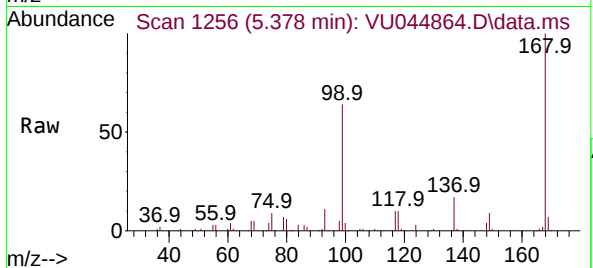


#36

1,1-Dichloropropene
Concen: 4.969 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. -0.151 min
Lab File: VU044864.D
Acq: 26 Sep 2021 02:43

Instrument :
MSVOA_U
ClientSampled :
1033-TB092021

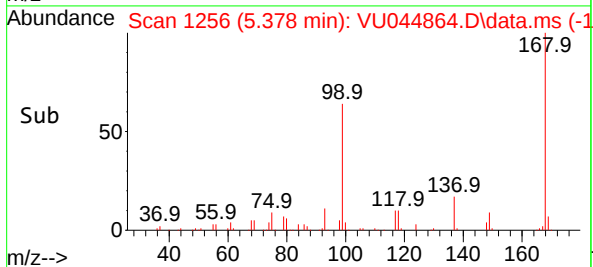
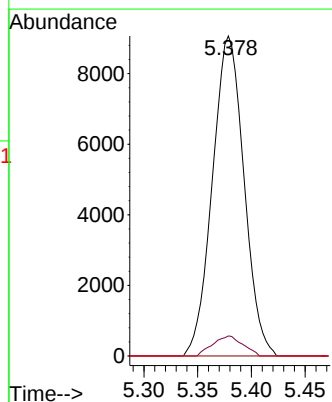
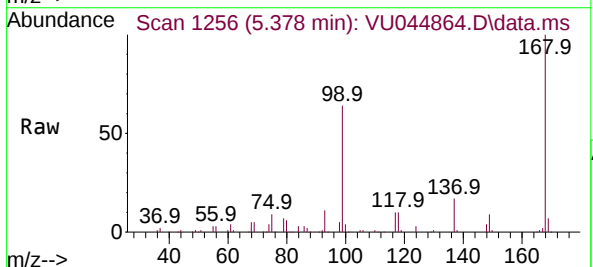
Tgt Ion: 75 Resp: 16560
Ion Ratio Lower Upper
75 100
110 6.9 16.3 48.9#
77 0.0 25.0 37.4#

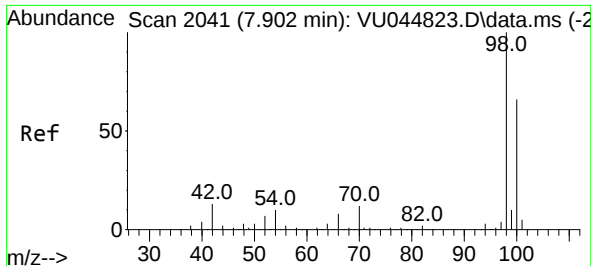


#38

Carbon Tetrachloride
Concen: 6.209 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. -0.151 min
Lab File: VU044864.D
Acq: 26 Sep 2021 02:43

Tgt Ion: 117 Resp: 18500
Ion Ratio Lower Upper
117 100
119 6.2 77.4 116.2#
121 0.0 24.5 36.7#

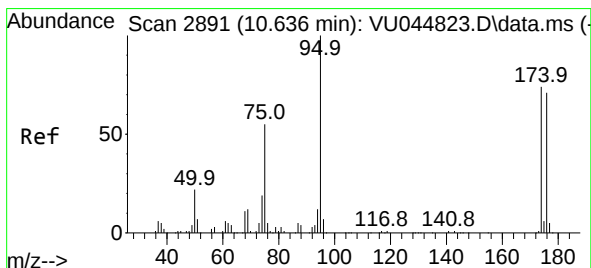
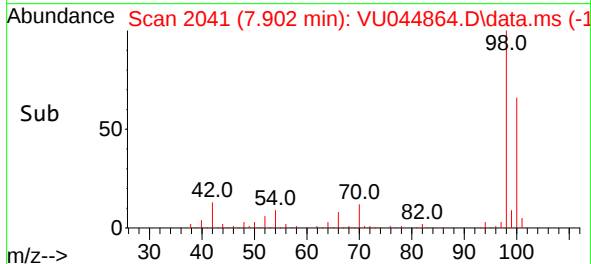
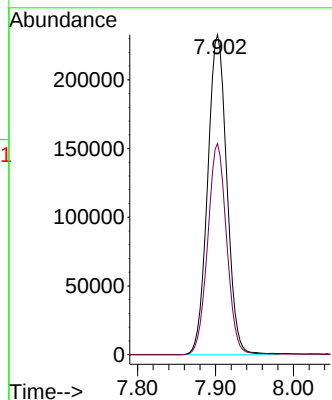
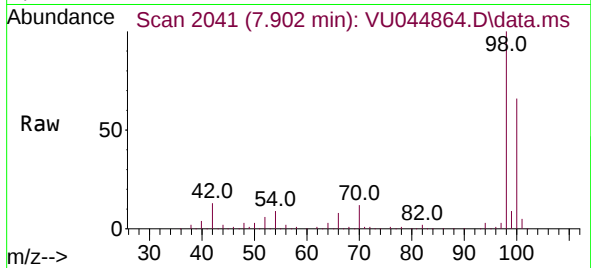




#50
Toluene-d8
Concen: 49.041 ug/l
RT: 7.902 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VU044864.D
Acq: 26 Sep 2021 02:43

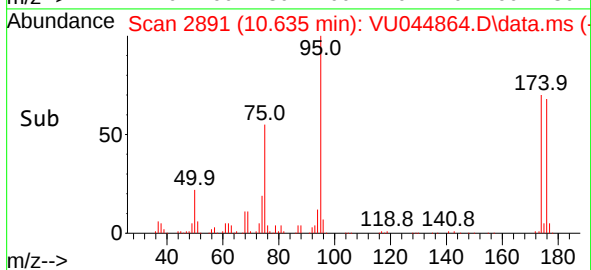
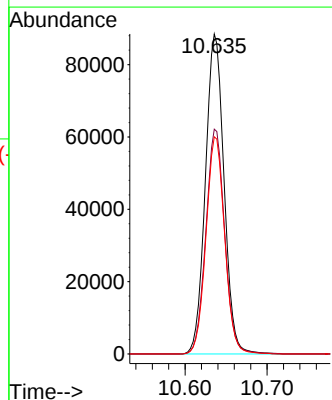
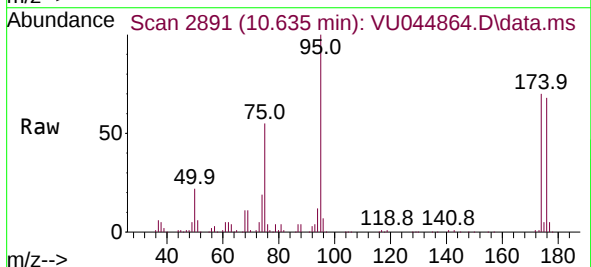
Instrument :
MSVOA_U
ClientSampleId :
1033-TB092021

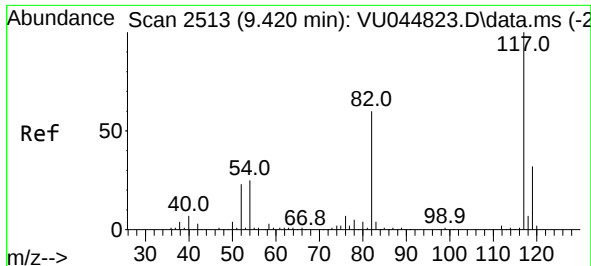
Tgt Ion: 98 Resp: 399086
Ion Ratio Lower Upper
98 100
100 65.4 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 46.200 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. -0.000 min
Lab File: VU044864.D
Acq: 26 Sep 2021 02:43

Tgt Ion: 95 Resp: 139642
Ion Ratio Lower Upper
95 100
174 71.1 0.0 146.6
176 68.0 0.0 141.2

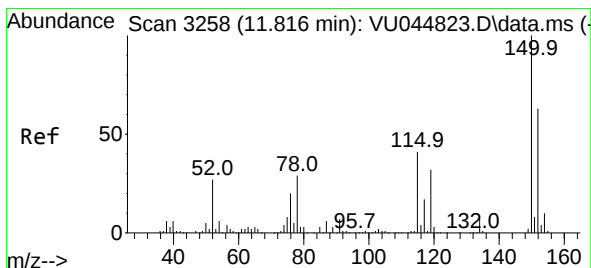
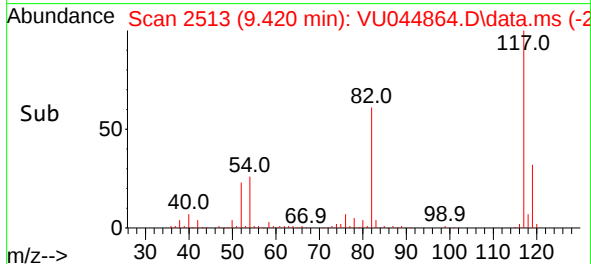
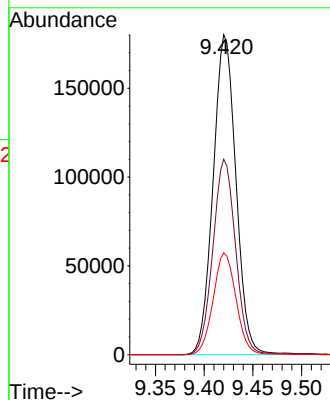
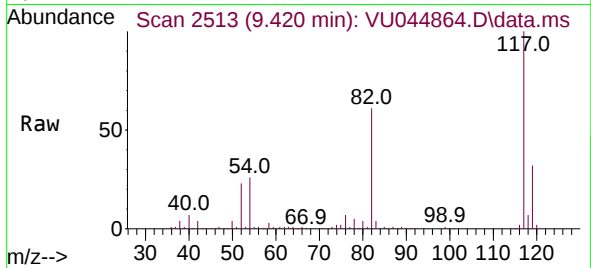




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. -0.000 min
Lab File: VU044864.D
Acq: 26 Sep 2021 02:43

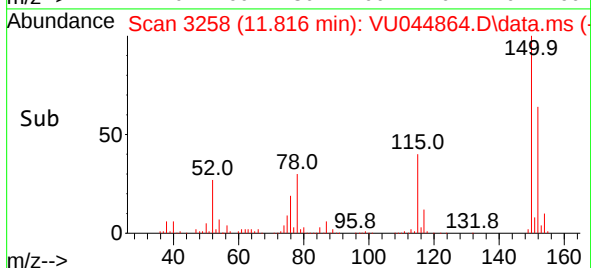
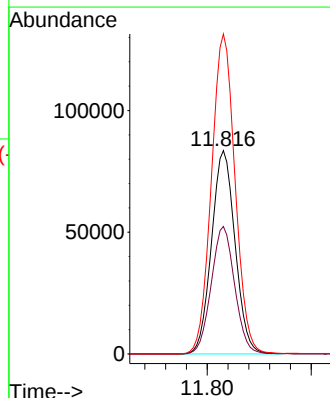
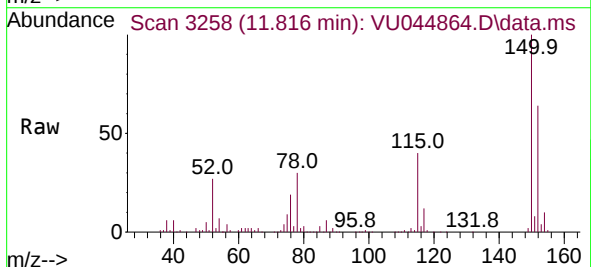
Instrument :
MSVOA_U
ClientSampleId :
1033-TB092021

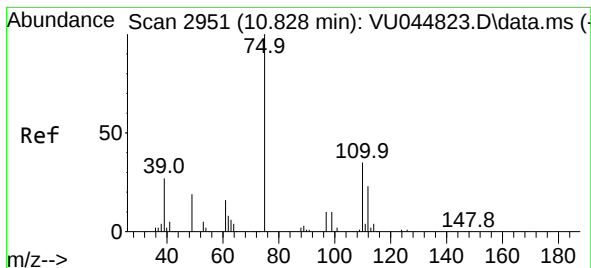
Tgt Ion:117 Resp: 293216
Ion Ratio Lower Upper
117 100
82 61.1 47.8 71.8
119 31.9 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.816 min Scan# 3258
Delta R.T. -0.000 min
Lab File: VU044864.D
Acq: 26 Sep 2021 02:43

Tgt Ion:152 Resp: 131605
Ion Ratio Lower Upper
152 100
115 62.4 43.5 130.7
150 157.5 0.0 350.0

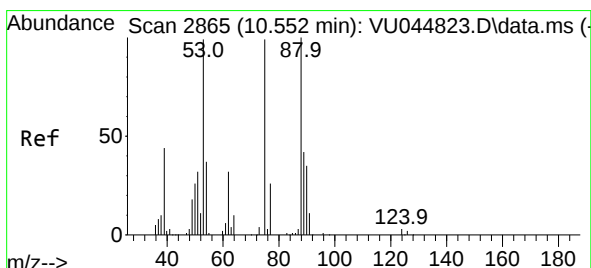
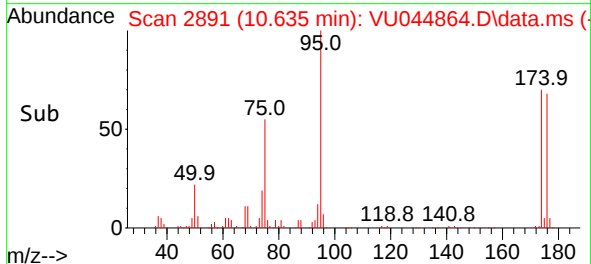
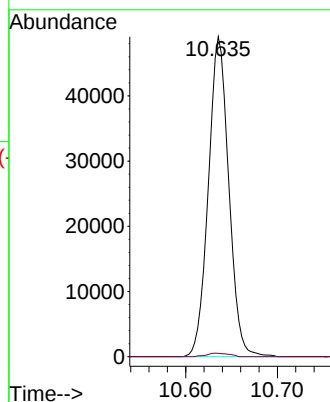
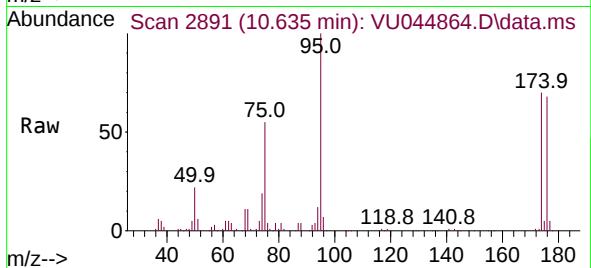




#76
1,2,3-Trichloropropane
Concen: 19.057 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. -0.193 min
Lab File: VU044864.D
Acq: 26 Sep 2021 02:43

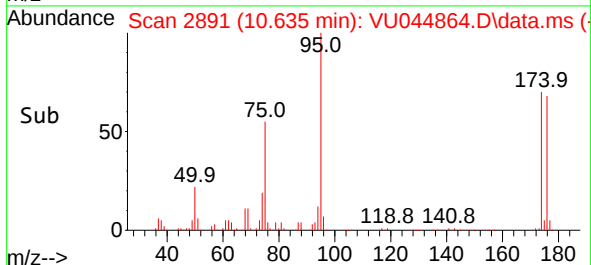
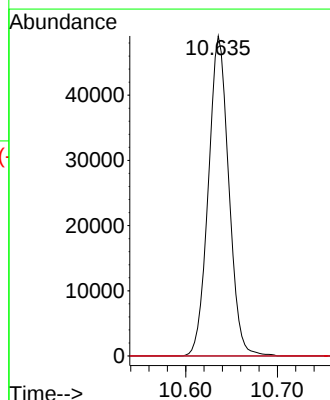
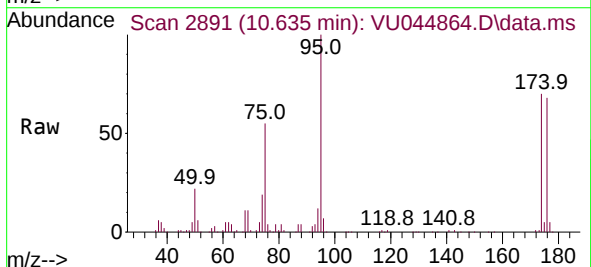
Instrument :
MSVOA_U
ClientSampleId :
1033-TB092021

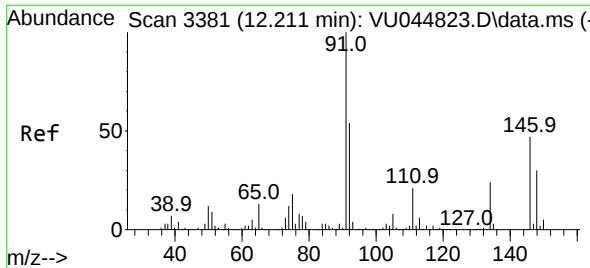
Tgt Ion: 75 Resp: 75944
Ion Ratio Lower Upper
75 100
77 1.2 17.9 53.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 61.732 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. 0.084 min
Lab File: VU044864.D
Acq: 26 Sep 2021 02:43

Tgt Ion: 75 Resp: 75944
Ion Ratio Lower Upper
75 100
53 0.0 82.0 123.0#
89 0.0 34.2 51.4#

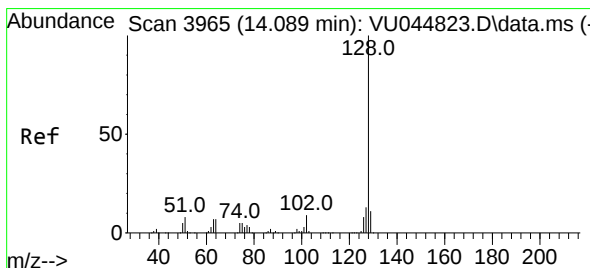
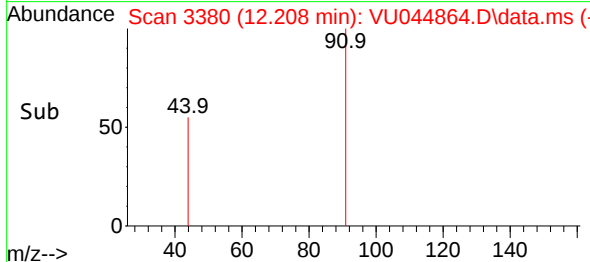
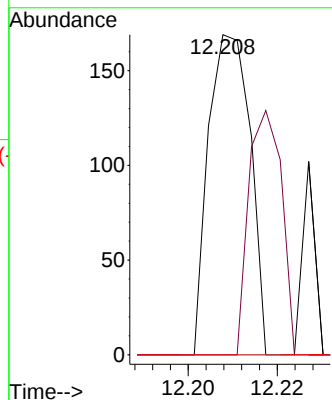
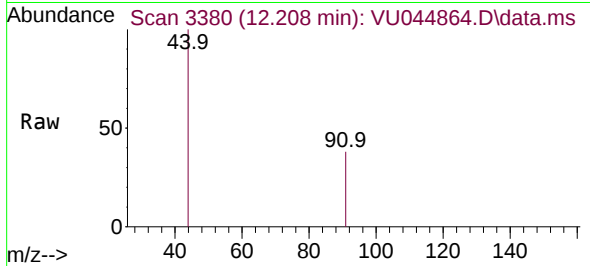




#89
n-Butylbenzene
Concen: 1.289 ug/l
RT: 12.208 min Scan# 3380
Delta R.T. -0.003 min
Lab File: VU044864.D
Acq: 26 Sep 2021 02:43

Instrument :
MSVOA_U
ClientSampleId :
1033-TB092021

Tgt Ion: 91 Resp: 110
Ion Ratio Lower Upper
91 100
92 0.0 26.8 80.4#
134 0.0 11.8 35.4#



#95
Naphthalene
Concen: 1.059 ug/l
RT: 14.095 min Scan# 3967
Delta R.T. 0.006 min
Lab File: VU044864.D
Acq: 26 Sep 2021 02:43

Tgt Ion:128 Resp: 1192
Ion Ratio Lower Upper
128 100
127 0.0 10.4 15.6#
129 0.0 8.6 13.0#

