

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092921\
 Data File : VU045000.D
 Acq On : 29 Sep 2021 18:02
 Operator : SY/MD
 Sample : M3936-05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TB-9-24-21

Quant Time: Sep 30 04:33:08 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)

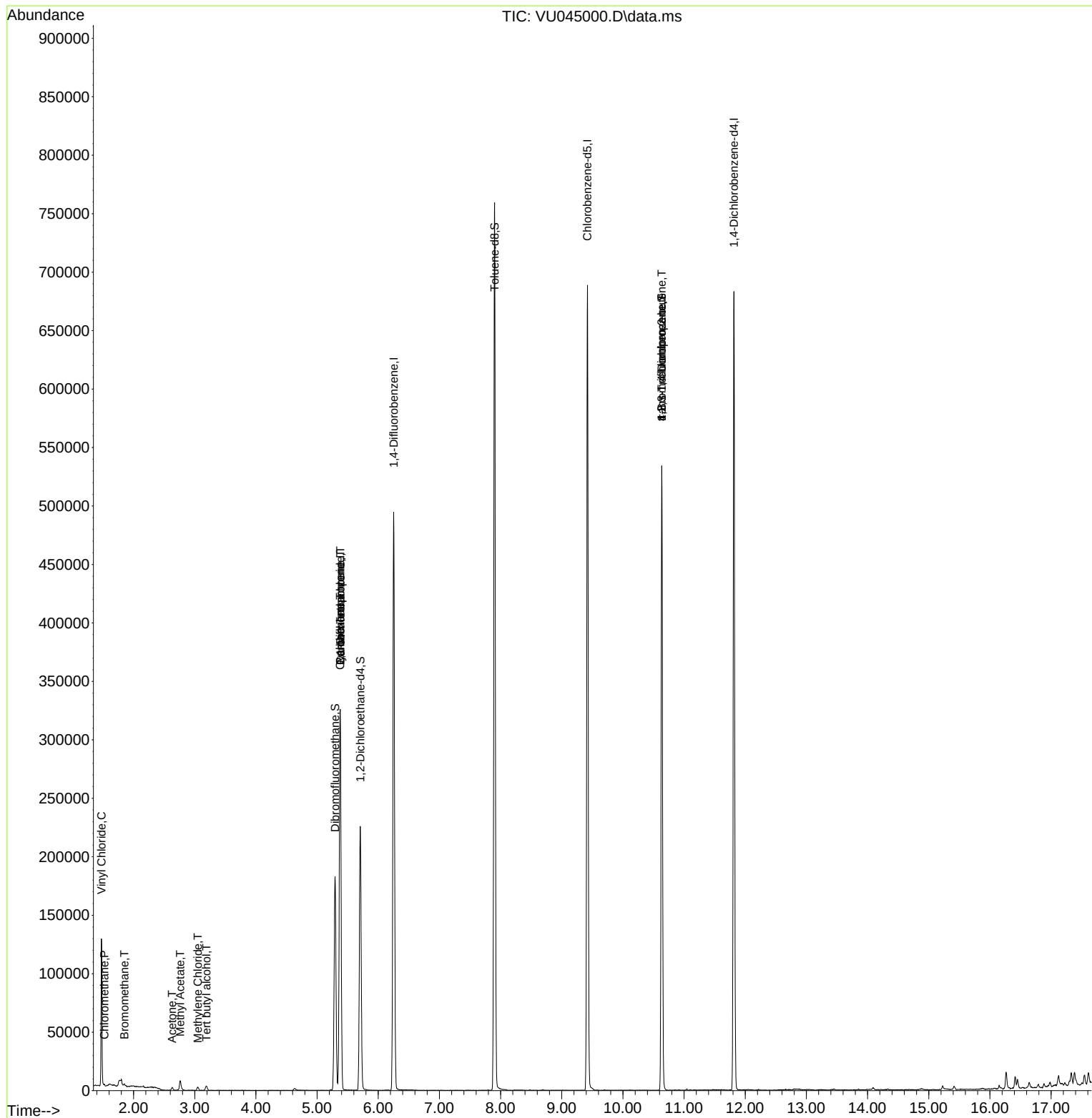
Internal Standards						
1) Pentafluorobenzene	5.378	168	212300	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	383209	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	357112	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.815	152	166106	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	168335	47.633	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.260%		
35) Dibromofluoromethane	5.295	113	117520	48.614	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.220%		
50) Toluene-d8	7.902	98	484575	50.732	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	101.460%		
62) 4-Bromofluorobenzene	10.635	95	175346	44.466	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	88.940%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.523	50	1145	0.336	ug/l	97
4) Vinyl Chloride	1.475	62	1116	0.328	ug/l #	1
5) Bromomethane	1.851	94	841	0.631	ug/l #	78
11) Tert butyl alcohol	3.189	59	2462	2.427	ug/l #	72
16) Acetone	2.629	43	2740	1.306	ug/l	93
18) Methyl Acetate	2.761	43	2363	0.385	ug/l #	52
20) Methylene Chloride	3.051	84	1262	0.399	ug/l #	90
31) Cyclohexane	5.375	56	5425	1.011	ug/l #	1
36) 1,1-Dichloropropene	5.378	75	19965	4.982	ug/l #	50
38) Carbon Tetrachloride	5.378	117	22210	6.405	ug/l #	15
76) 1,2,3-Trichloropropane	10.635	75	95246	19.659	ug/l #	41
81) trans-1,4-Dichloro-2-b...	10.635	75	95246	54.556	ug/l #	9

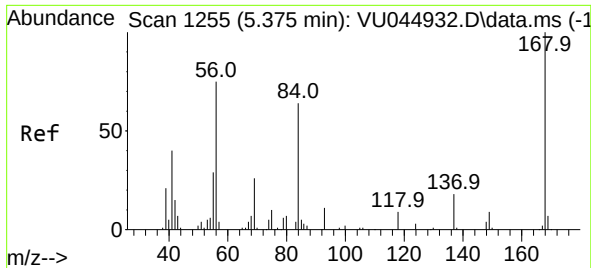
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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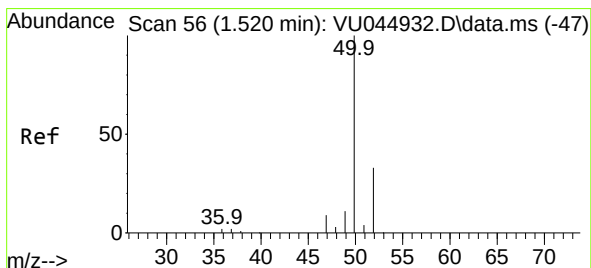
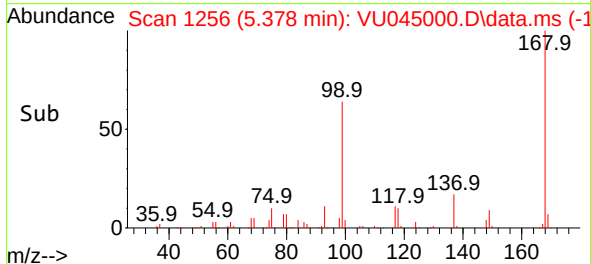
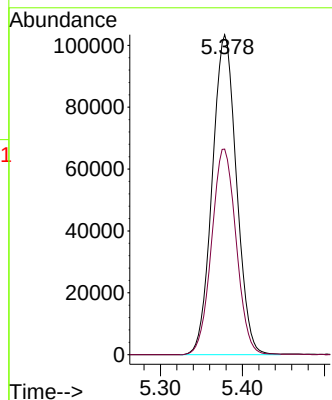
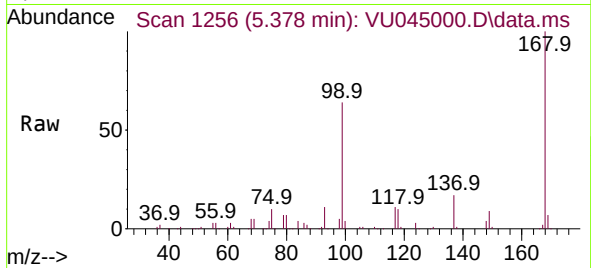




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. 0.003 min
Lab File: VU045000.D
Acq: 29 Sep 2021 18:02

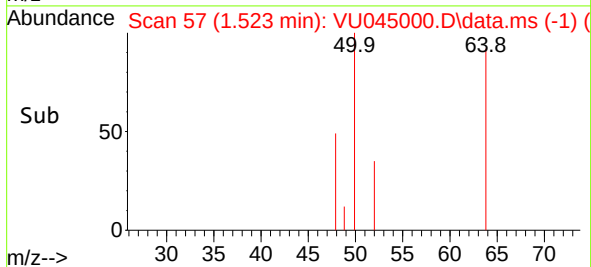
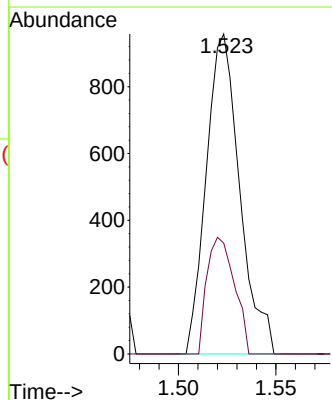
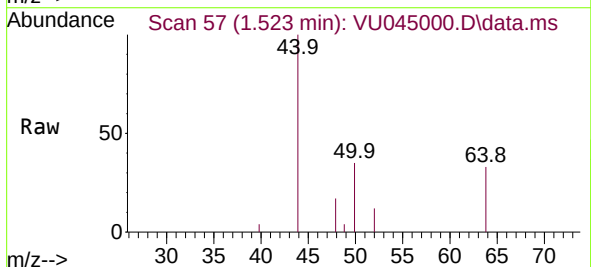
Instrument :
MSVOA_U
ClientSampleId :
TB-9-24-21

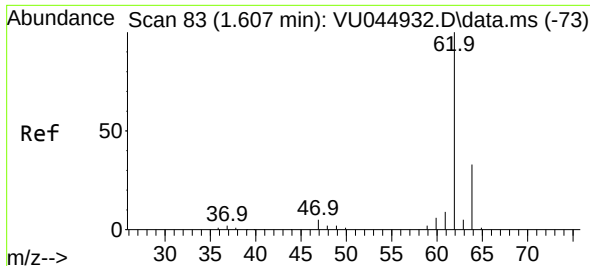
Tgt Ion:168 Resp: 212300
Ion Ratio Lower Upper
168 100
99 64.2 51.4 77.0



#3
Chloromethane
Concen: 0.336 ug/l
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU045000.D
Acq: 29 Sep 2021 18:02

Tgt Ion: 50 Resp: 1145
Ion Ratio Lower Upper
50 100
52 34.7 26.3 39.5

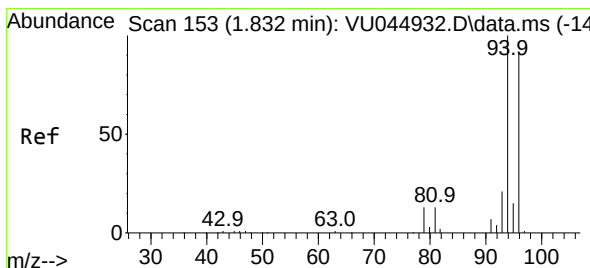
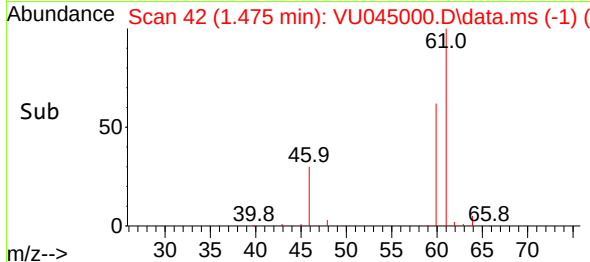
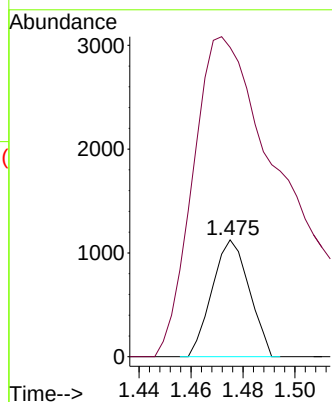
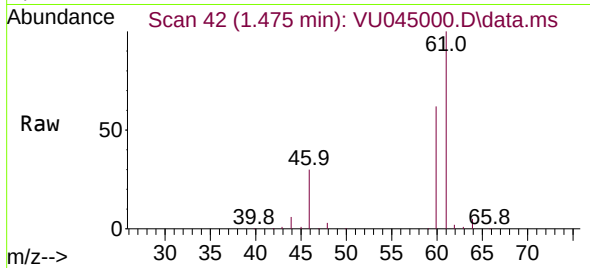




#4
 Vinyl Chloride
 Concen: 0.328 ug/l
 RT: 1.475 min Scan# 42
 Delta R.T. -0.132 min
 Lab File: VU045000.D
 Acq: 29 Sep 2021 18:02

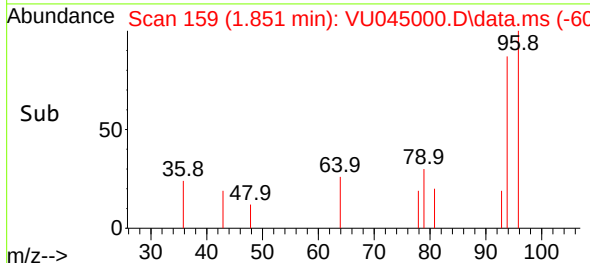
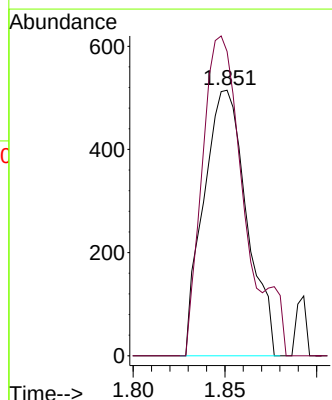
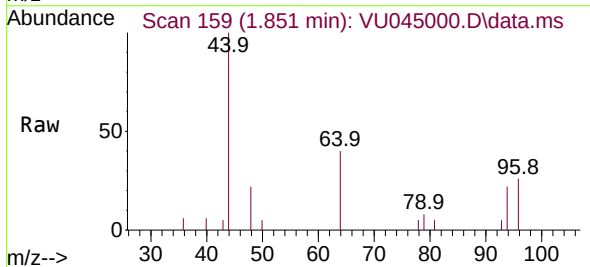
Instrument :
 MSVOA_U
 ClientSampled :
 TB-9-24-21

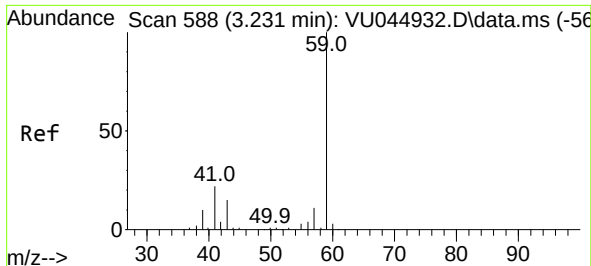
Tgt Ion: 62 Resp: 1116
 Ion Ratio Lower Upper
 62 100
 64 190.7 25.6 38.4#



#5
 Bromomethane
 Concen: 0.631 ug/l
 RT: 1.851 min Scan# 159
 Delta R.T. 0.019 min
 Lab File: VU045000.D
 Acq: 29 Sep 2021 18:02

Tgt Ion: 94 Resp: 841
 Ion Ratio Lower Upper
 94 100
 96 114.6 74.5 111.7#



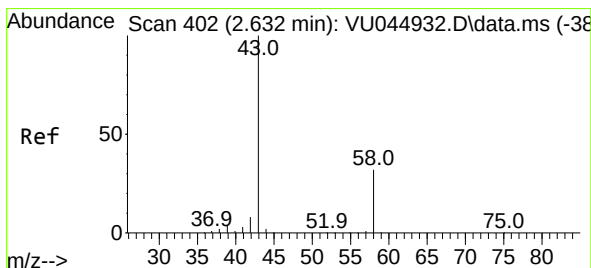
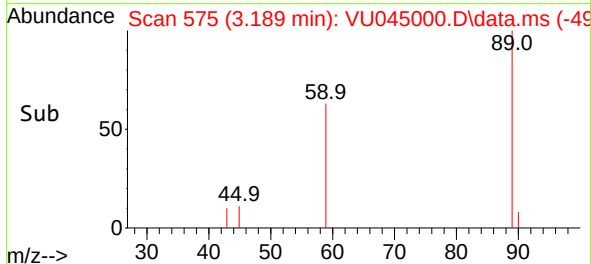
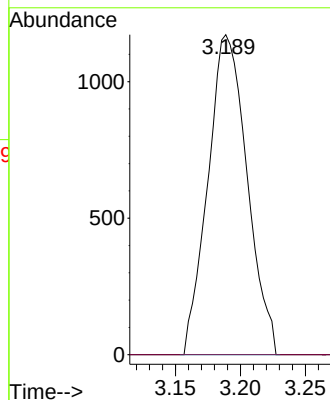
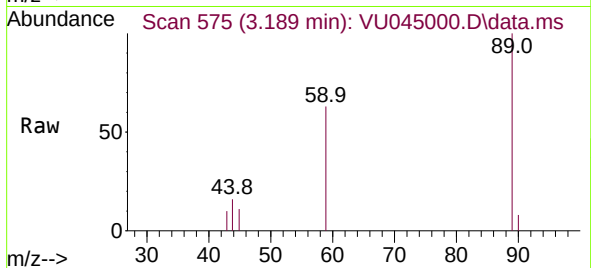


#11

Tert butyl alcohol
Concen: 2.427 ug/l
RT: 3.189 min Scan# 575
Delta R.T. -0.042 min
Lab File: VU045000.D
Acq: 29 Sep 2021 18:02

Instrument :
MSVOA_U
ClientSampled :
TB-9-24-21

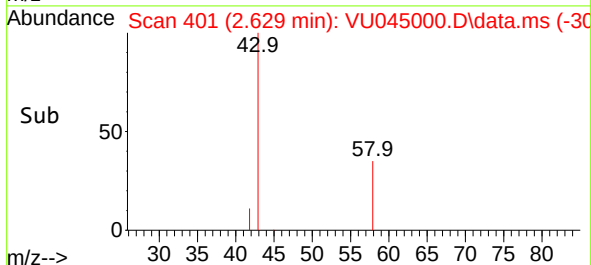
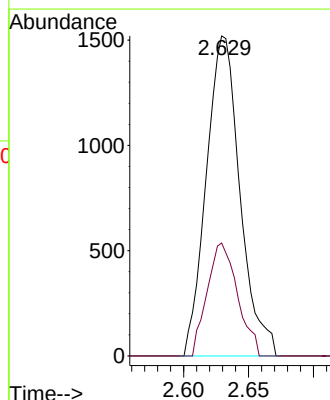
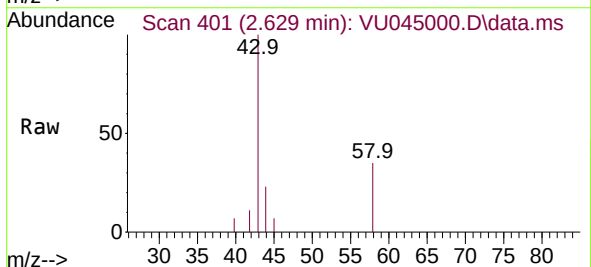
Tgt Ion: 59 Resp: 2462
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

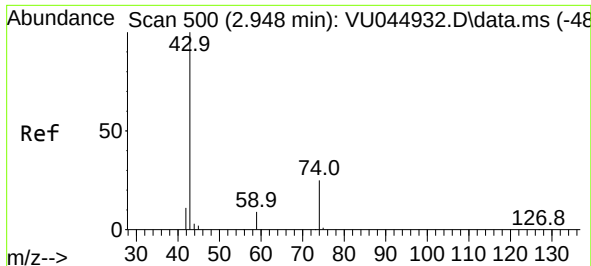


#16

Acetone
Concen: 1.306 ug/l
RT: 2.629 min Scan# 401
Delta R.T. -0.003 min
Lab File: VU045000.D
Acq: 29 Sep 2021 18:02

Tgt Ion: 43 Resp: 2740
Ion Ratio Lower Upper
43 100
58 35.3 25.2 37.8

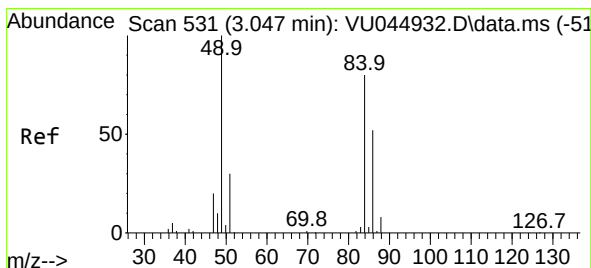
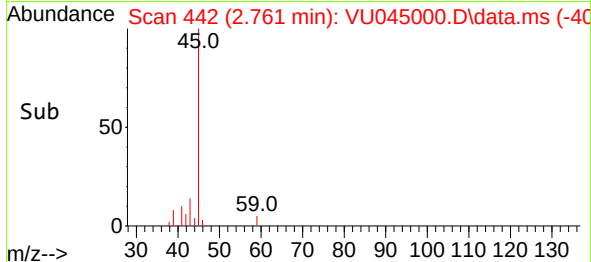
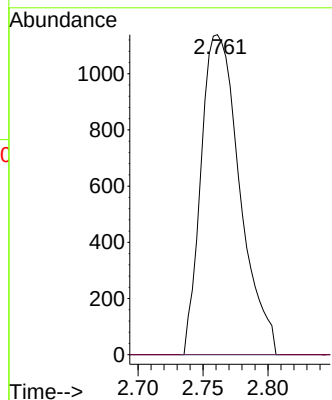
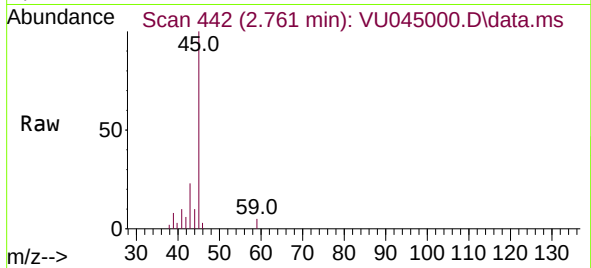




#18
Methyl Acetate
Concen: 0.385 ug/l
RT: 2.761 min Scan# 442
Delta R.T. -0.187 min
Lab File: VU045000.D
Acq: 29 Sep 2021 18:02

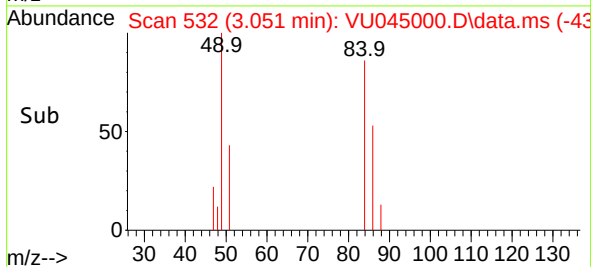
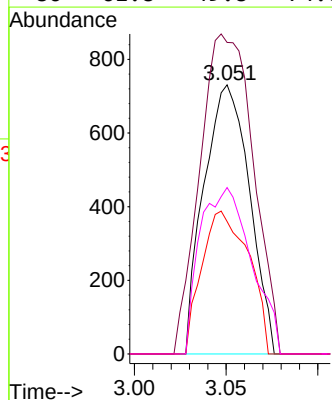
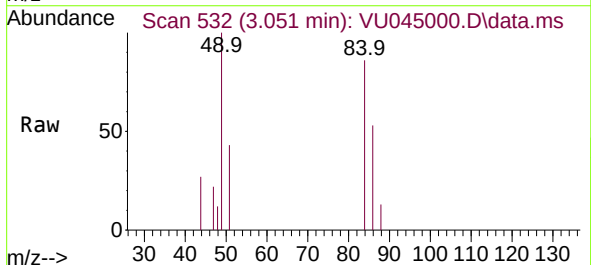
Instrument :
MSVOA_U
ClientSampleId :
TB-9-24-21

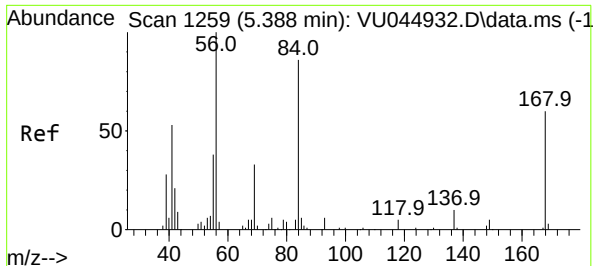
Tgt Ion: 43 Resp: 2363
Ion Ratio Lower Upper
43 100
74 0.0 19.0 28.6#



#20
Methylene Chloride
Concen: 0.399 ug/l
RT: 3.051 min Scan# 532
Delta R.T. 0.003 min
Lab File: VU045000.D
Acq: 29 Sep 2021 18:02

Tgt Ion: 84 Resp: 1262
Ion Ratio Lower Upper
84 100
49 115.7 104.9 157.3
51 49.2 31.8 47.8#
86 61.8 49.8 74.6

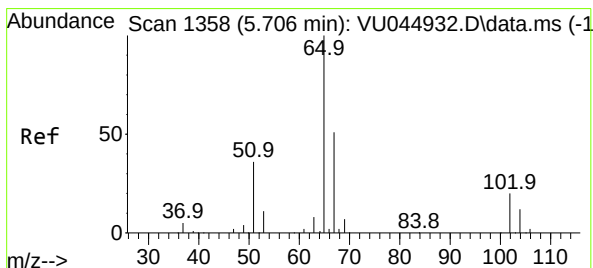
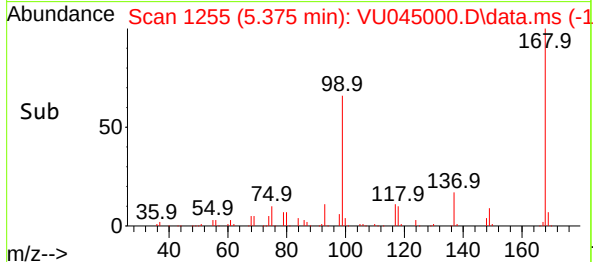
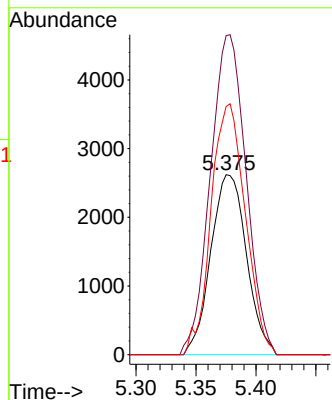
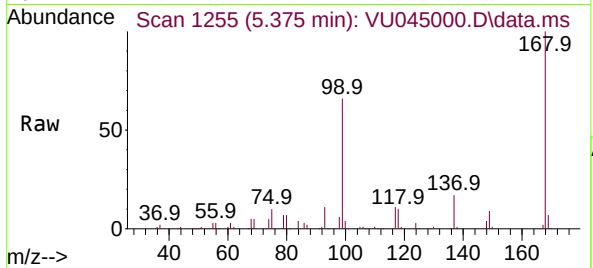




#31
Cyclohexane
Concen: 1.011 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. -0.013 min
Lab File: VU045000.D
Acq: 29 Sep 2021 18:02

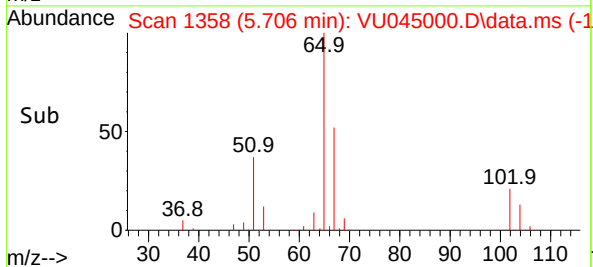
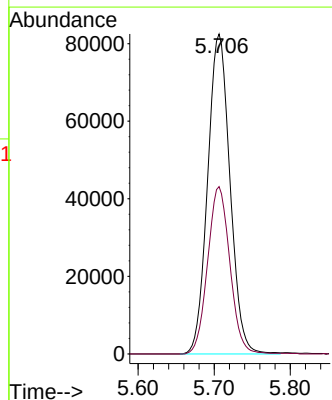
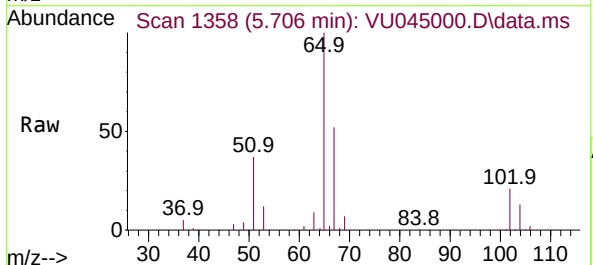
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MSVOA_U
ClientSampleId :
TB-9-24-21

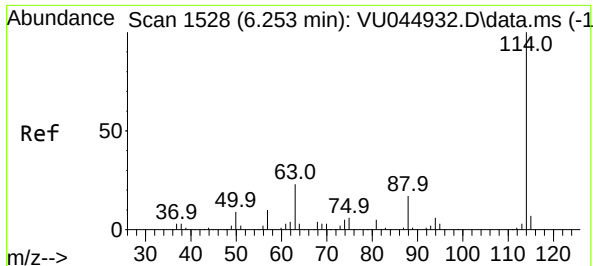
Tgt Ion: 56 Resp: 5425
Ion Ratio Lower Upper
56 100
69 177.3 25.2 37.8#
84 137.8 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 47.633 ug/l
RT: 5.706 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VU045000.D
Acq: 29 Sep 2021 18:02

Tgt Ion: 65 Resp: 168335
Ion Ratio Lower Upper
65 100
67 52.1 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: VU045000.D

Acq: 29 Sep 2021 18:02

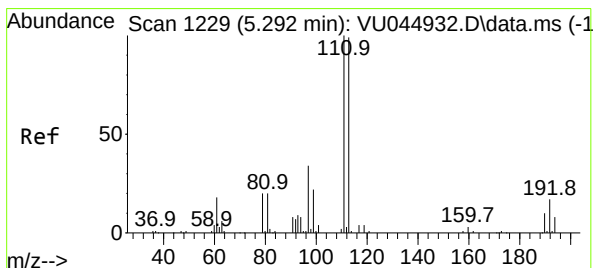
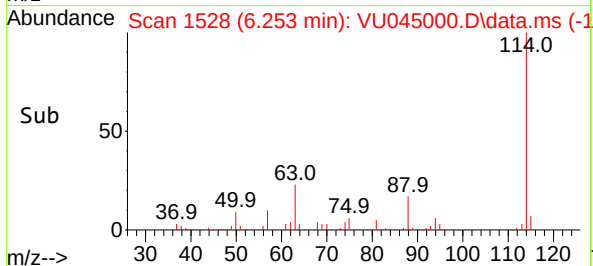
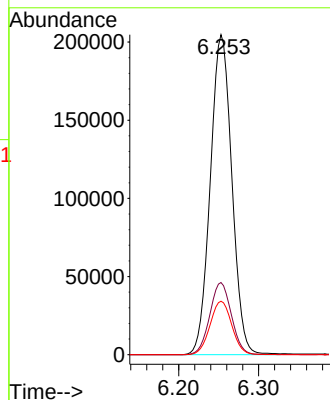
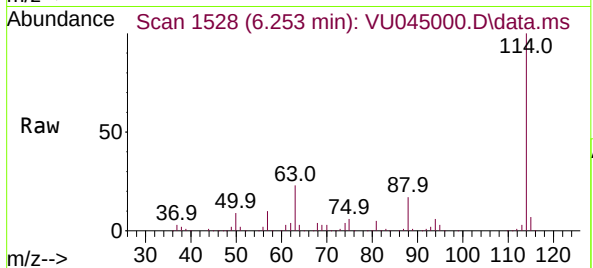
Tgt Ion:114 Resp: 383209

Ion Ratio Lower Upper

114 100

63 22.6 0.0 47.8

88 16.7 0.0 32.8



#35

Dibromofluoromethane

Concen: 48.614 ug/l

RT: 5.295 min Scan# 1230

Delta R.T. 0.003 min

Lab File: VU045000.D

Acq: 29 Sep 2021 18:02

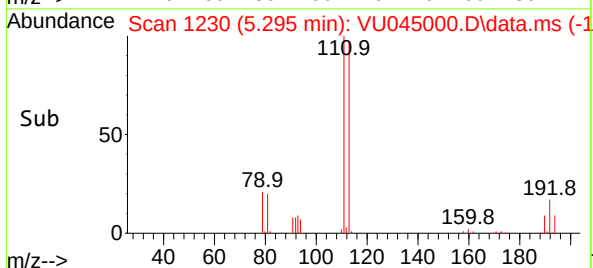
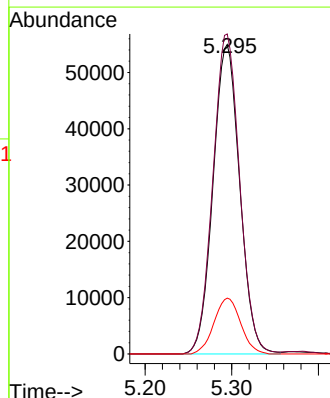
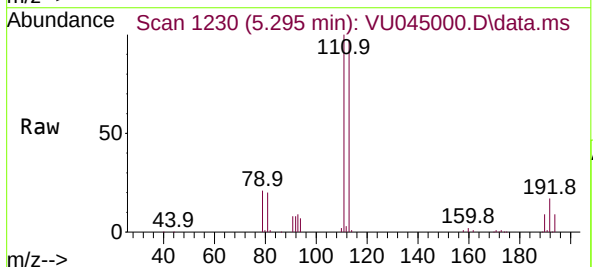
Tgt Ion:113 Resp: 117520

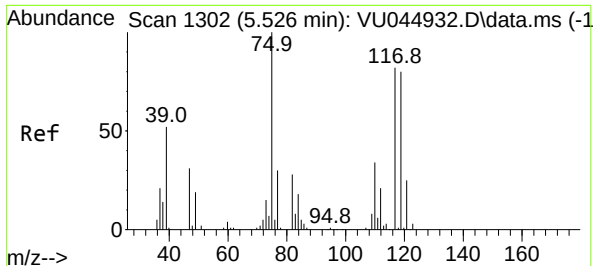
Ion Ratio Lower Upper

113 100

111 103.8 84.1 126.1

192 18.1 14.8 22.2





#36

1,1-Dichloropropene

Concen: 4.982 ug/l

RT: 5.378 min Scan# 1256

Delta R.T. -0.148 min

Lab File: VU045000.D

Acq: 29 Sep 2021 18:02

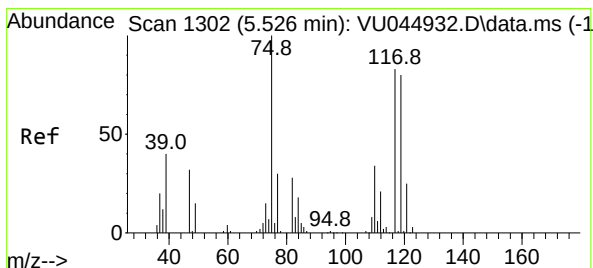
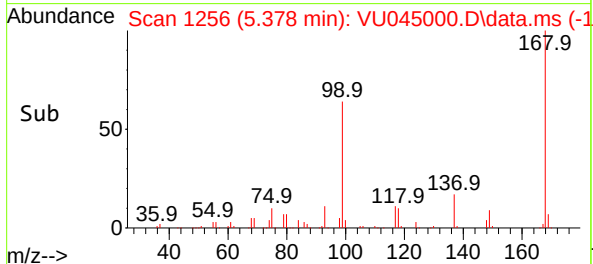
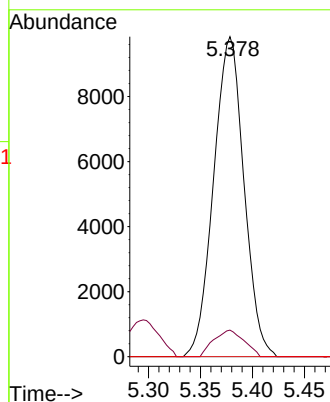
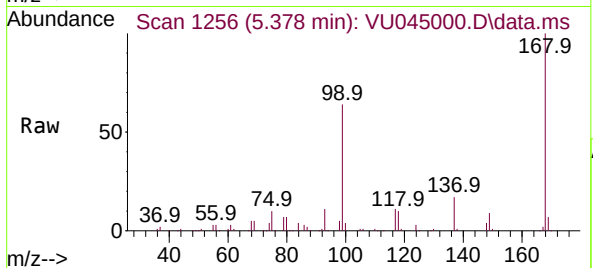
Instrument :

MSVOA_U

ClientSampleId :

TB-9-24-21

Tgt Ion:	75	Resp:	19965
Ion	Ratio	Lower	Upper
75	100		
110	8.3	16.3	48.9#
77	0.0	25.0	37.4#



#38

Carbon Tetrachloride

Concen: 6.405 ug/l

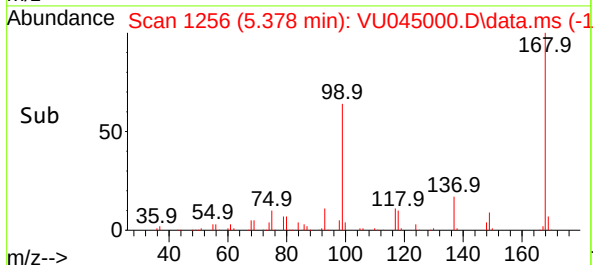
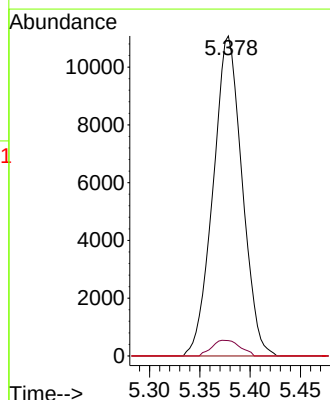
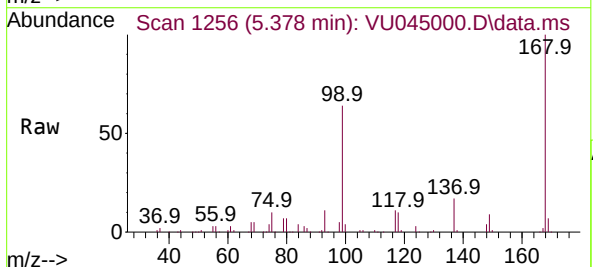
RT: 5.378 min Scan# 1256

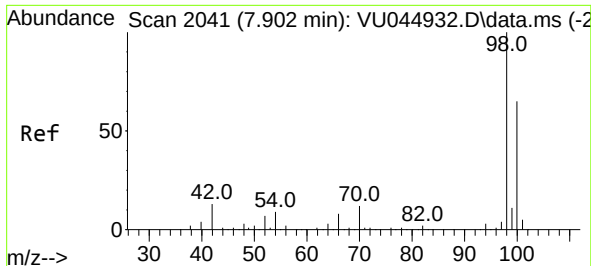
Delta R.T. -0.148 min

Lab File: VU045000.D

Acq: 29 Sep 2021 18:02

Tgt Ion:	117	Resp:	22210
Ion	Ratio	Lower	Upper
117	100		
119	4.8	77.4	116.2#
121	0.0	24.5	36.7#

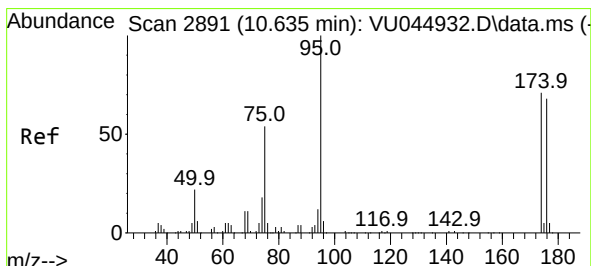
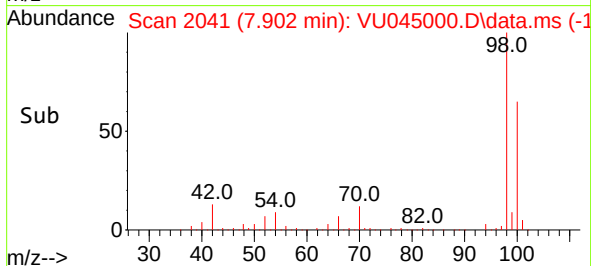
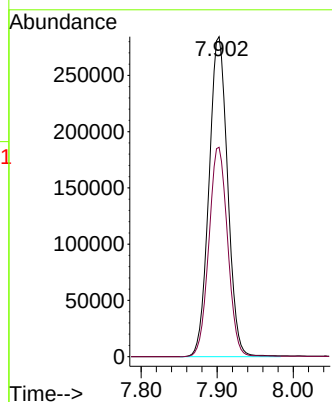
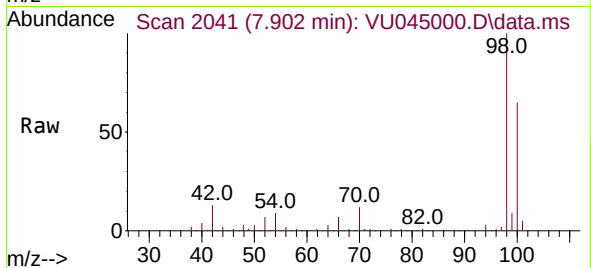




#50
Toluene-d8
Concen: 50.732 ug/l
RT: 7.902 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VU045000.D
Acq: 29 Sep 2021 18:02

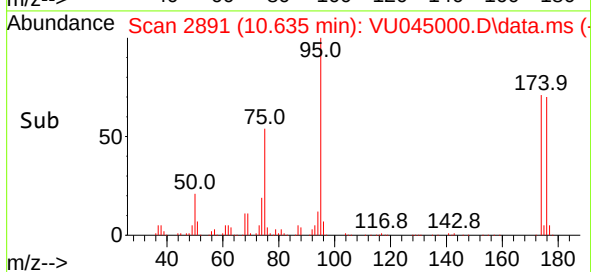
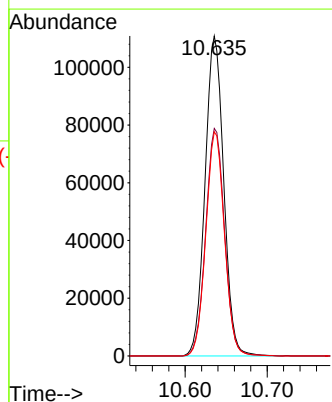
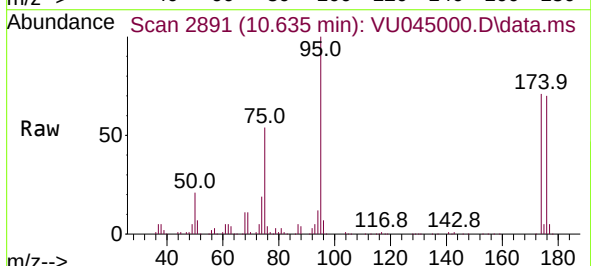
Instrument :
MSVOA_U
ClientSampleId :
TB-9-24-21

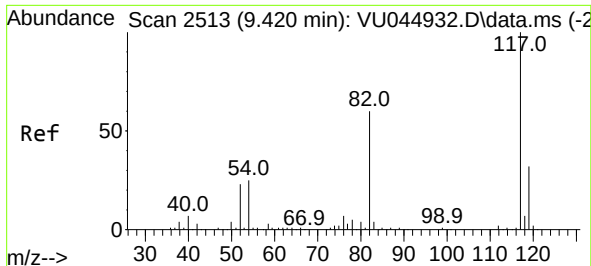
Tgt Ion: 98 Resp: 484575
Ion Ratio Lower Upper
98 100
100 65.8 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 44.466 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. 0.000 min
Lab File: VU045000.D
Acq: 29 Sep 2021 18:02

Tgt Ion: 95 Resp: 175346
Ion Ratio Lower Upper
95 100
174 72.1 0.0 146.6
176 70.0 0.0 141.2

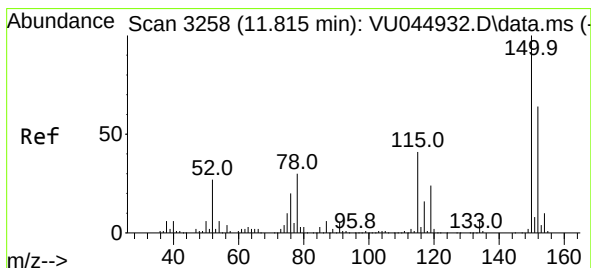
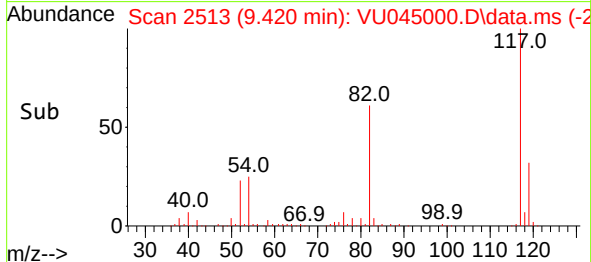
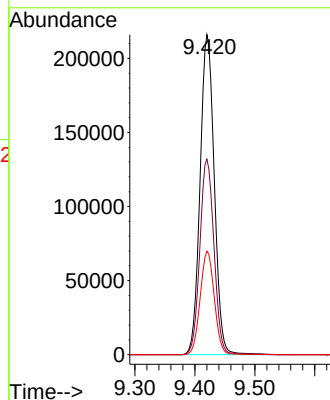
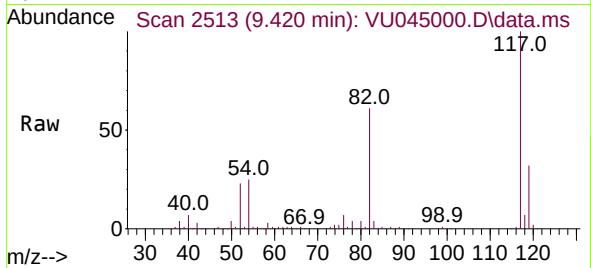




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045000.D
Acq: 29 Sep 2021 18:02

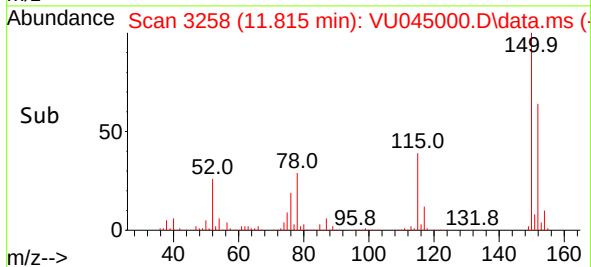
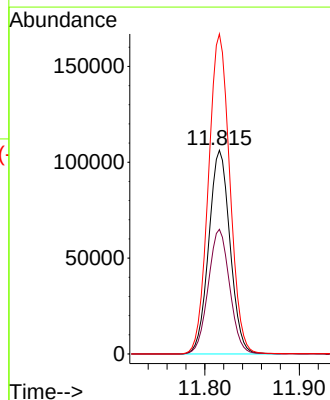
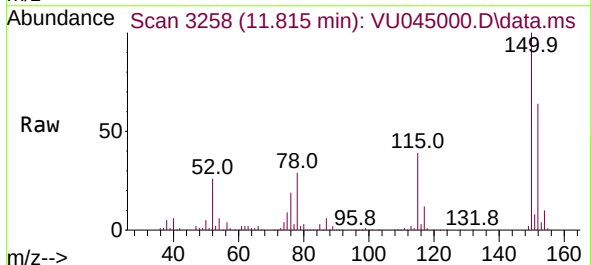
Instrument :
MSVOA_U
ClientSampleId :
TB-9-24-21

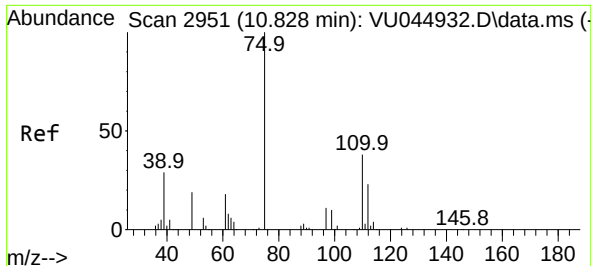
Tgt Ion:117 Resp: 357112
Ion Ratio Lower Upper
117 100
82 61.1 47.8 71.8
119 32.3 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.815 min Scan# 3258
Delta R.T. 0.000 min
Lab File: VU045000.D
Acq: 29 Sep 2021 18:02

Tgt Ion:152 Resp: 166106
Ion Ratio Lower Upper
152 100
115 61.7 43.5 130.7
150 157.9 0.0 350.0

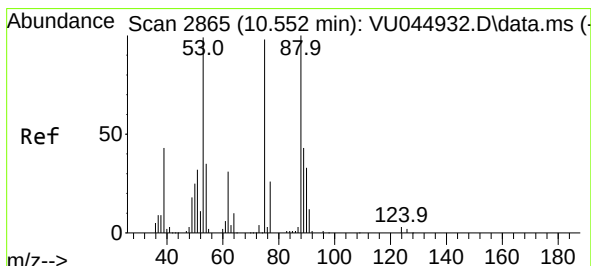
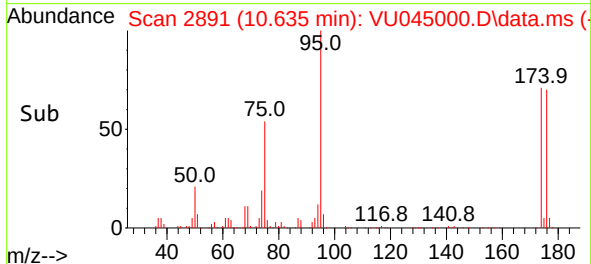
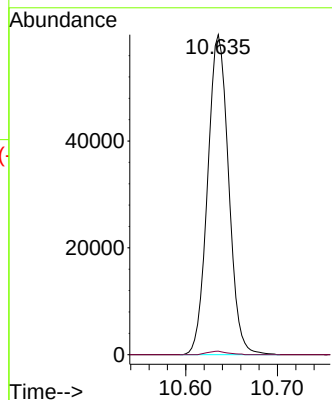
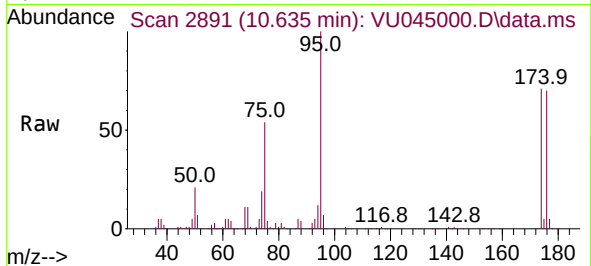




#76
1,2,3-Trichloropropane
Concen: 19.659 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. -0.193 min
Lab File: VU045000.D
Acq: 29 Sep 2021 18:02

Instrument :
MSVOA_U
ClientSampled :
TB-9-24-21

Tgt Ion: 75 Resp: 95246
Ion Ratio Lower Upper
75 100
77 1.1 17.9 53.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 54.556 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. 0.083 min
Lab File: VU045000.D
Acq: 29 Sep 2021 18:02

Tgt Ion: 75 Resp: 95246
Ion Ratio Lower Upper
75 100
53 0.0 82.0 123.0#
89 0.0 34.2 51.4#

