

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092821\
 Data File : VU044944.D
 Acq On : 28 Sep 2021 16:20
 Operator : SY/MD
 Sample : M3953-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 P287-DITCH

Quant Time: Sep 28 17:18:43 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)

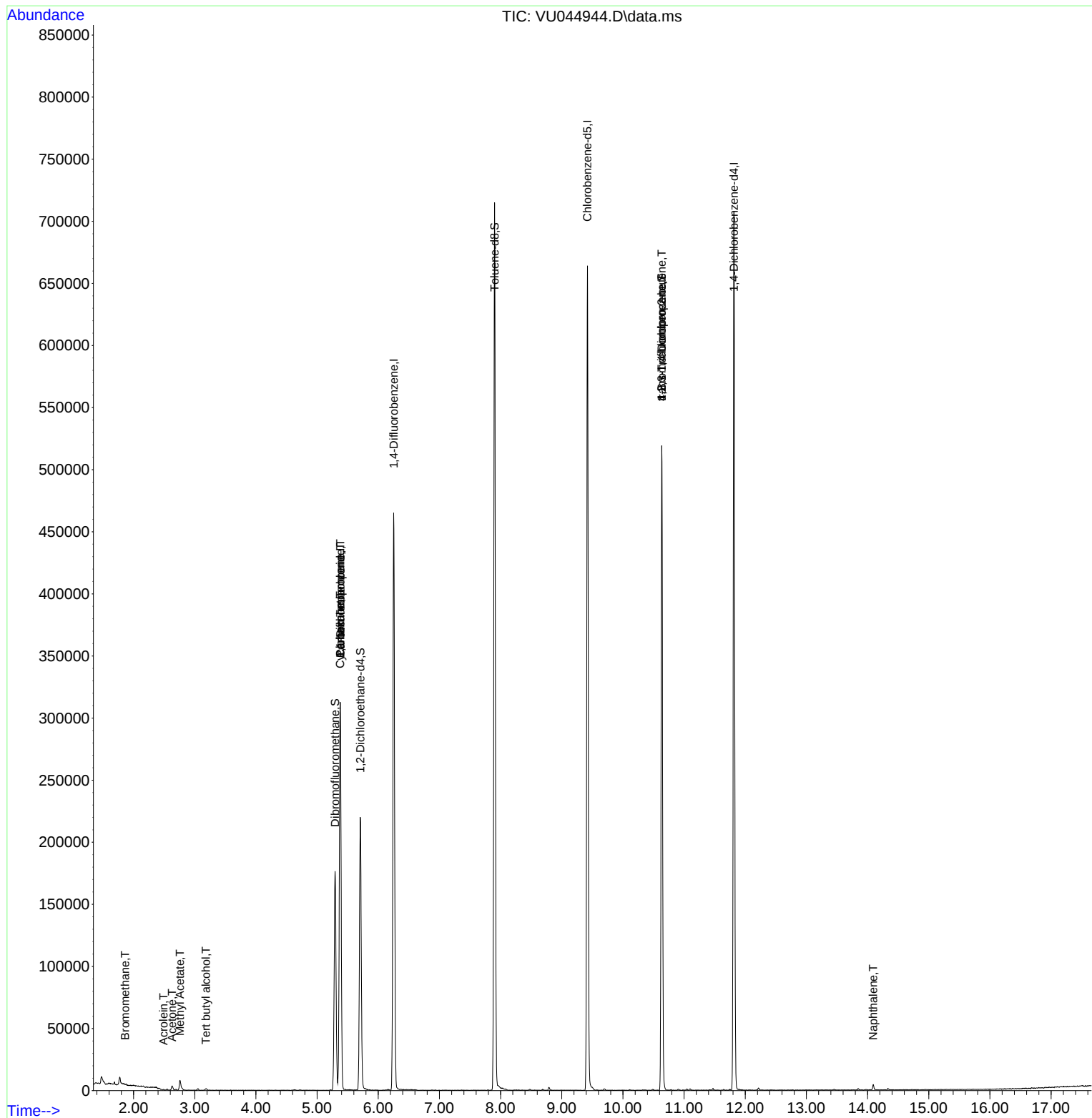
Internal Standards						
1) Pentafluorobenzene	5.379	168	203413	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	363008	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	347710	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	173672	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	165158	48.776	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.560%
35) Dibromofluoromethane	5.295	113	113121	49.398	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.800%
50) Toluene-d8	7.903	98	460101	50.851	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.700%
62) 4-Bromofluorobenzene	10.636	95	172359	46.140	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.280%
Target Compounds						
					Qvalue	
5) Bromomethane	1.861	94	398	0.311	ug/l	87
11) Tert butyl alcohol	3.182	59	1568	1.613	ug/l #	72
13) Acrolein	2.491	56	274	4.553	ug/l #	76
16) Acetone	2.629	43	4384	2.181	ug/l	100
18) Methyl Acetate	2.758	43	2396	0.408	ug/l #	52
31) Cyclohexane	5.375	56	5172	1.006	ug/l #	1
36) 1,1-Dichloropropene	5.379	75	19115	5.035	ug/l #	49
38) Carbon Tetrachloride	5.379	117	21470	6.536	ug/l #	15
76) 1,2,3-Trichloropropane	10.636	75	93603	18.478	ug/l #	41
81) trans-1,4-Dichloro-2-b...	10.636	75	93603	51.279	ug/l #	9
95) Naphthalene	14.092	128	4173	0.326	ug/l #	95

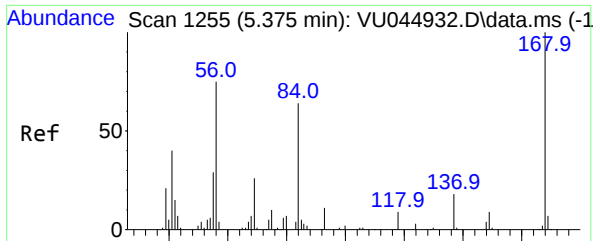
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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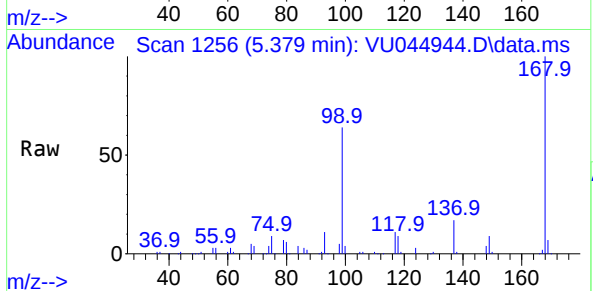
Quant Time: Sep 28 17:18:43 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092821W.M
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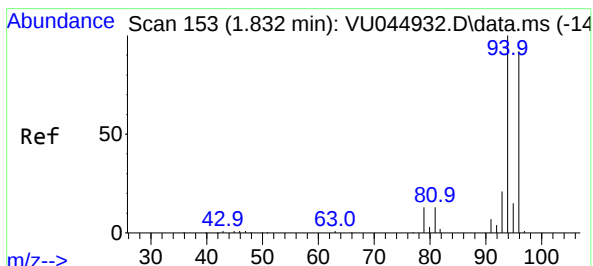
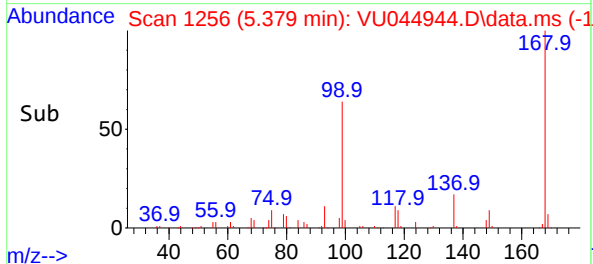
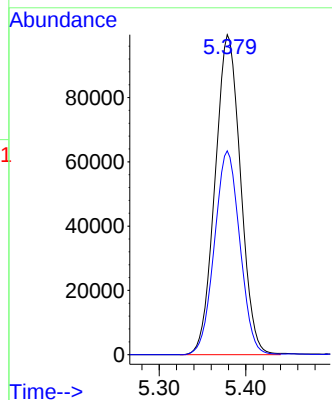


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.379 min Scan# 11
Delta R.T. 0.004 min
Lab File: VU044944.D
Acq: 28 Sep 2021 16:20

Instrument :
MSVOA_U
ClientSampleId :
P287-DITCH

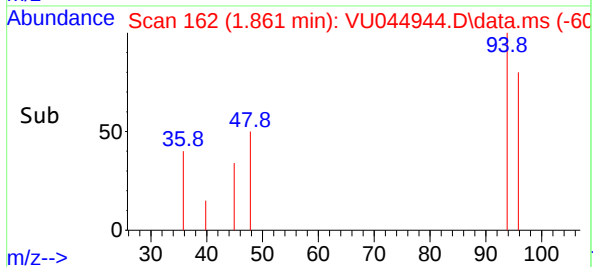
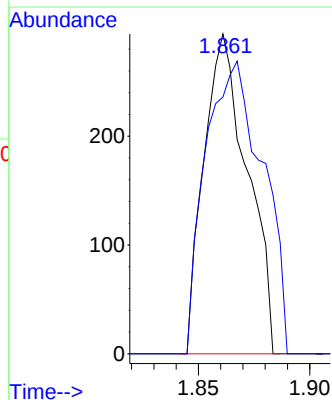
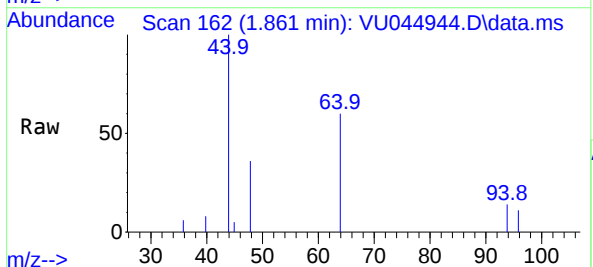


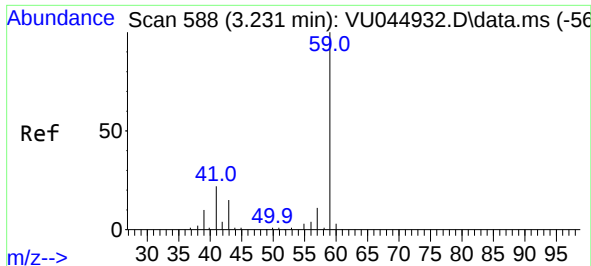
Tgt Ion:168 Resp: 203413
Ion Ratio Lower Upper
168 100
99 63.7 51.4 77.0



#5
Bromomethane
Concen: 0.311 ug/l
RT: 1.861 min Scan# 162
Delta R.T. 0.029 min
Lab File: VU044944.D
Acq: 28 Sep 2021 16:20

Tgt Ion: 94 Resp: 398
Ion Ratio Lower Upper
94 100
96 80.3 74.5 111.7

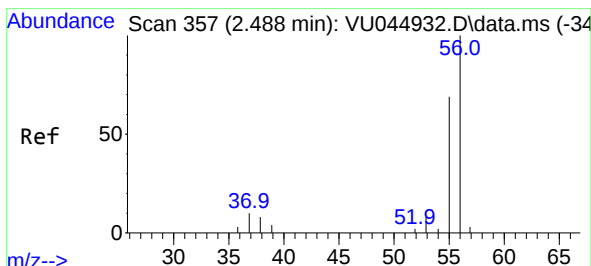
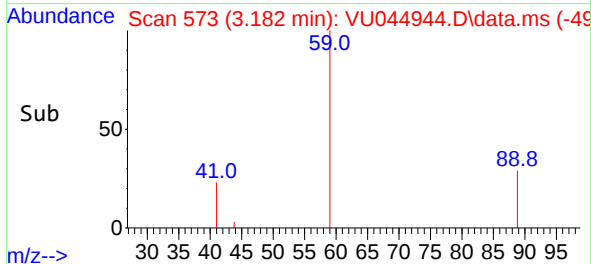
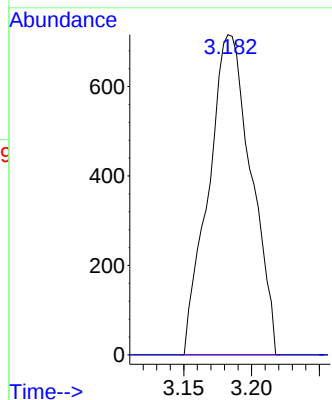
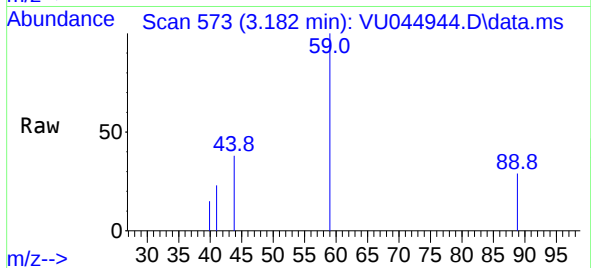




#11
Tert butyl alcohol
Concen: 1.613 ug/l
RT: 3.182 min Scan# 51
Delta R.T. -0.049 min
Lab File: VU044944.D
Acq: 28 Sep 2021 16:20

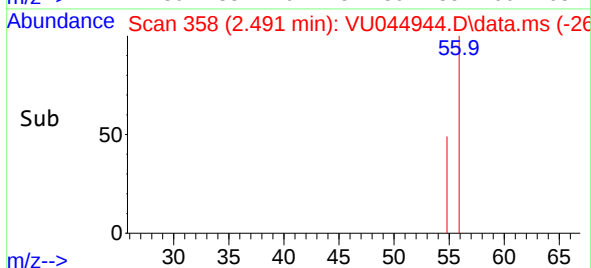
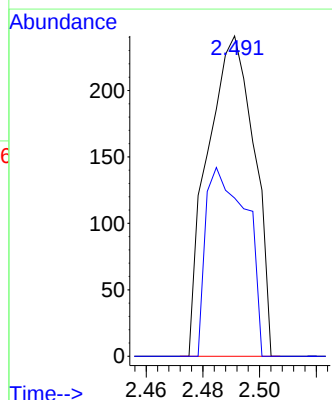
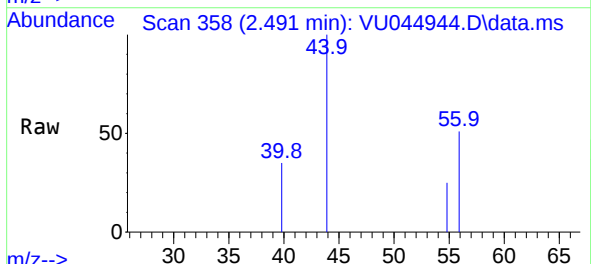
Instrument :
MSVOA_U
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P287-DITCH

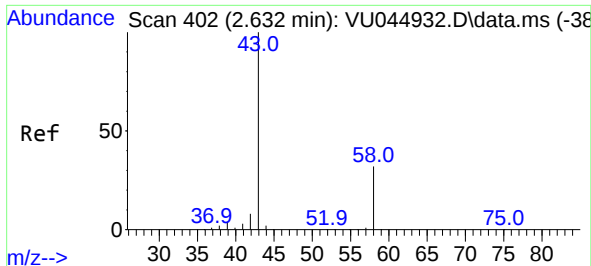
Tgt Ion: 59 Resp: 1568
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#13
Acrolein
Concen: 4.553 ug/l
RT: 2.491 min Scan# 358
Delta R.T. 0.003 min
Lab File: VU044944.D
Acq: 28 Sep 2021 16:20

Tgt Ion: 56 Resp: 274
Ion Ratio Lower Upper
56 100
55 51.5 57.4 86.0#

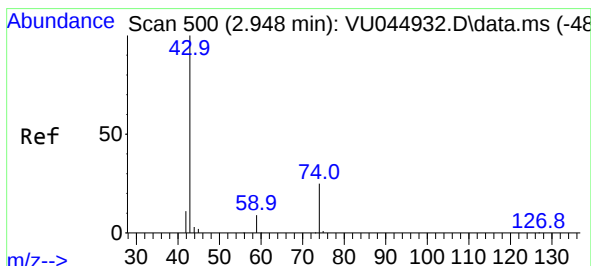
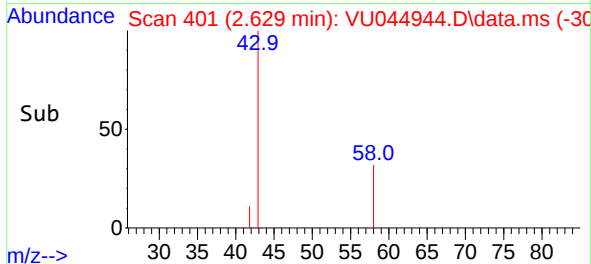
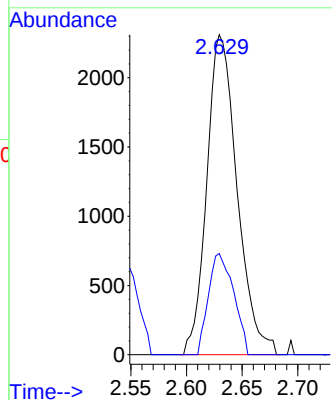
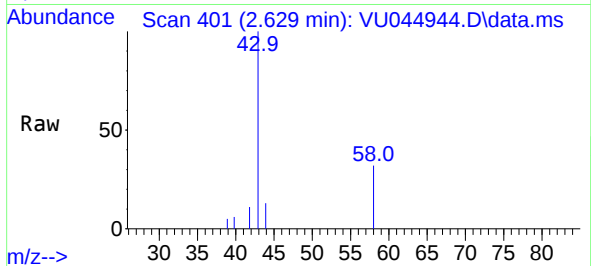




#16
Acetone
Concen: 2.181 ug/l
RT: 2.629 min Scan# 401
Delta R.T. -0.003 min
Lab File: VU044944.D
Acq: 28 Sep 2021 16:20

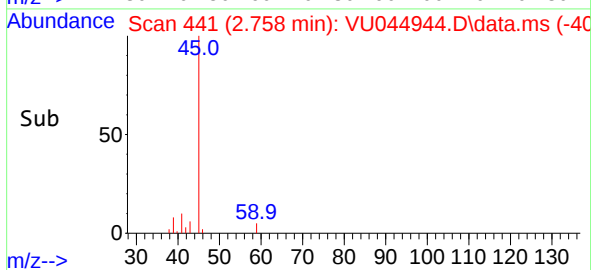
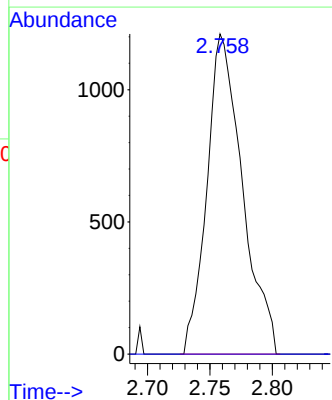
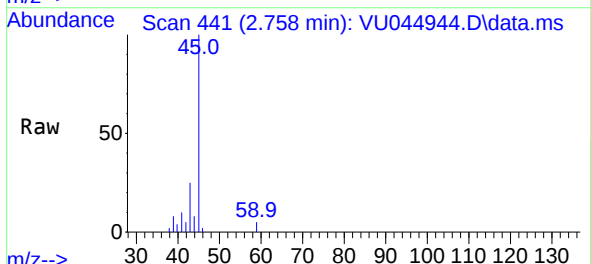
Instrument :
MSVOA_U
ClientSampleId :
P287-DITCH

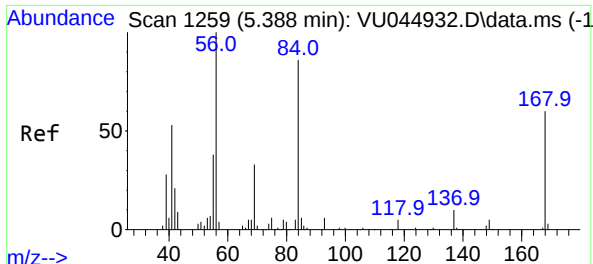
Tgt Ion: 43 Resp: 4384
Ion Ratio Lower Upper
43 100
58 31.6 25.2 37.8



#18
Methyl Acetate
Concen: 0.408 ug/l
RT: 2.758 min Scan# 441
Delta R.T. -0.190 min
Lab File: VU044944.D
Acq: 28 Sep 2021 16:20

Tgt Ion: 43 Resp: 2396
Ion Ratio Lower Upper
43 100
74 0.0 19.0 28.6#





#31

Cyclohexane

Concen: 1.006 ug/l

RT: 5.375 min Scan# 1

Delta R.T. -0.013 min

Lab File: VU044944.D

Acq: 28 Sep 2021 16:20

Instrument :

MSVOA_U

ClientSampleId :

P287-DITCH

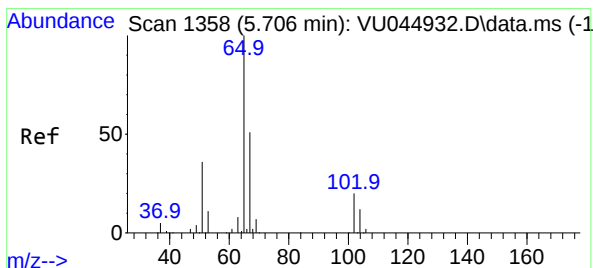
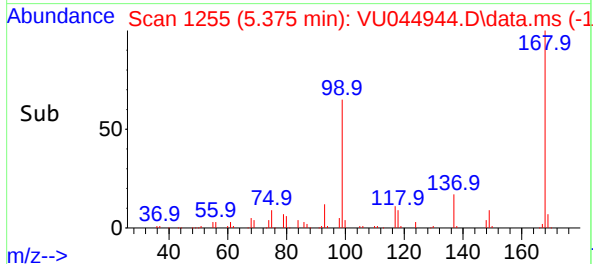
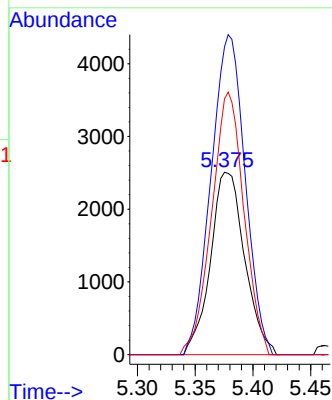
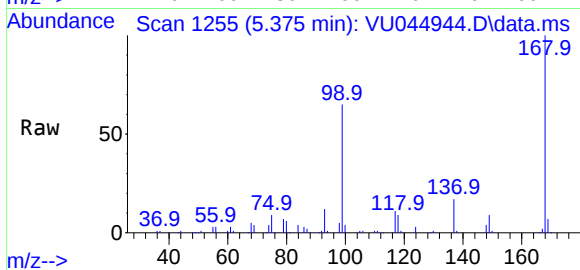
Tgt Ion: 56 Resp: 5172

Ion Ratio Lower Upper

56 100

69 168.8 25.2 37.8#

84 140.3 66.4 99.6#



#33

1,2-Dichloroethane-d4

Concen: 48.776 ug/l

RT: 5.706 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VU044944.D

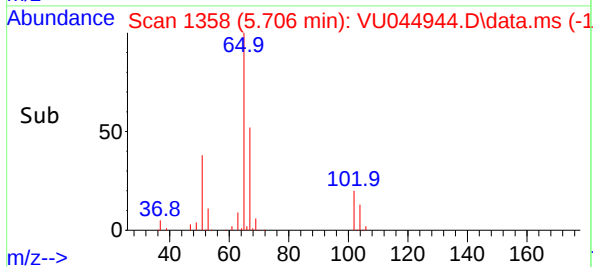
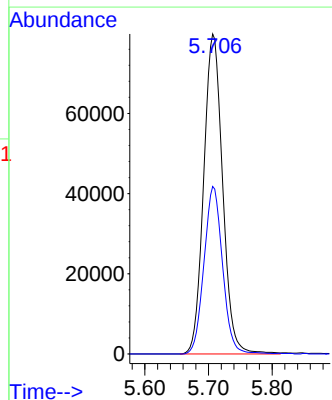
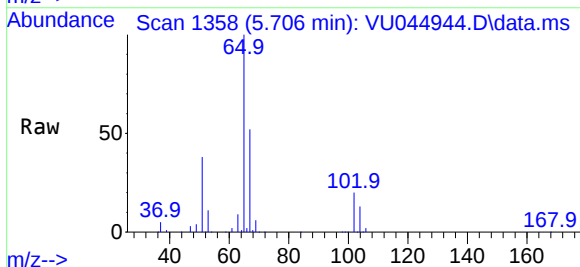
Acq: 28 Sep 2021 16:20

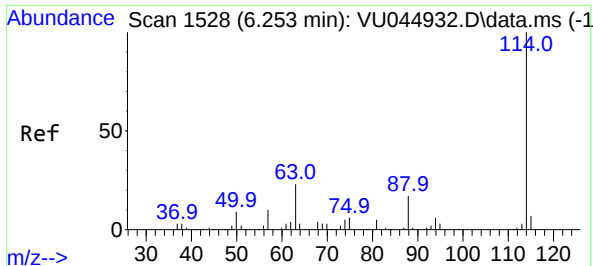
Tgt Ion: 65 Resp: 165158

Ion Ratio Lower Upper

65 100

67 51.2 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.253 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU044944.D

Acq: 28 Sep 2021 16:20

Instrument :

MSVOA_U

ClientSampleId :

P287-DITCH

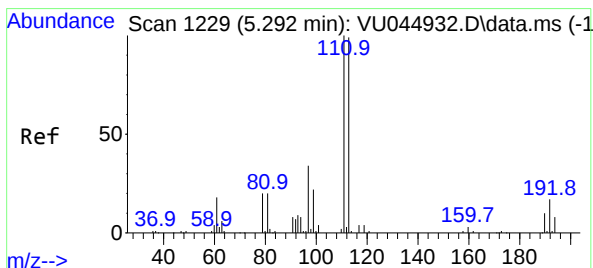
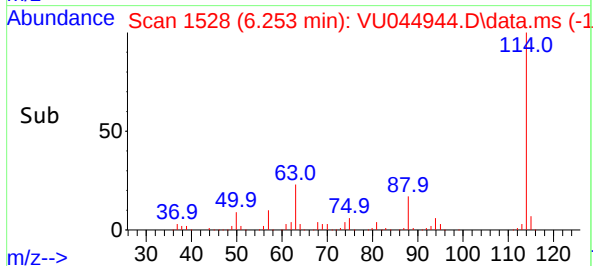
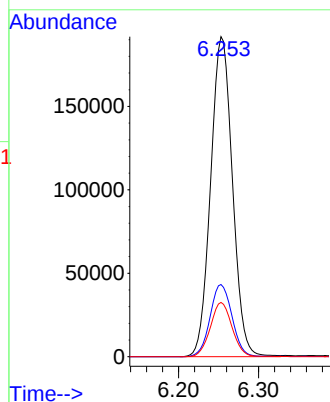
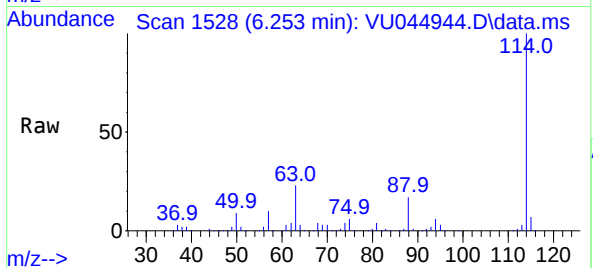
Tgt Ion:114 Resp: 363008

Ion Ratio Lower Upper

114 100

63 22.6 0.0 47.8

88 16.9 0.0 32.8



#35

Dibromofluoromethane

Concen: 49.398 ug/l

RT: 5.295 min Scan# 1230

Delta R.T. 0.003 min

Lab File: VU044944.D

Acq: 28 Sep 2021 16:20

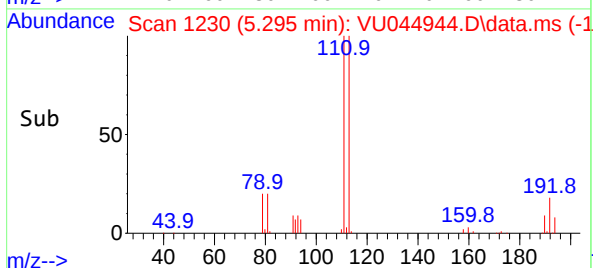
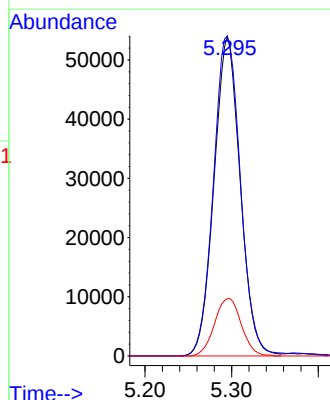
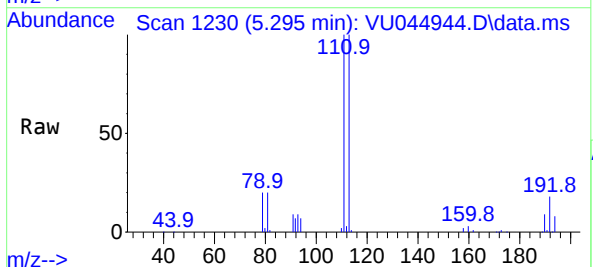
Tgt Ion:113 Resp: 113121

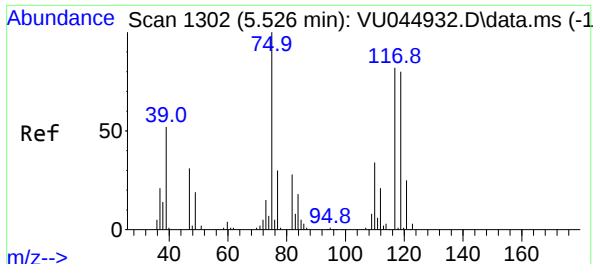
Ion Ratio Lower Upper

113 100

111 103.6 84.1 126.1

192 18.5 14.8 22.2





#36

1,1-Dichloropropene

Concen: 5.035 ug/l

RT: 5.379 min Scan# 1256

Delta R.T. -0.147 min

Lab File: VU044944.D

Acq: 28 Sep 2021 16:20

Instrument :

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ClientSampleId :

P287-DITCH

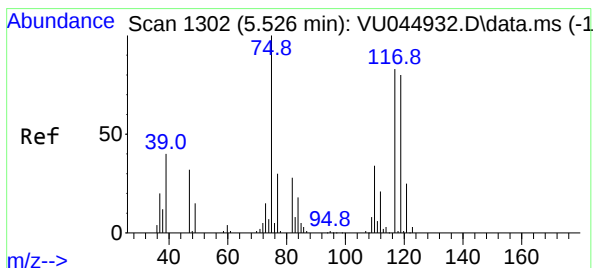
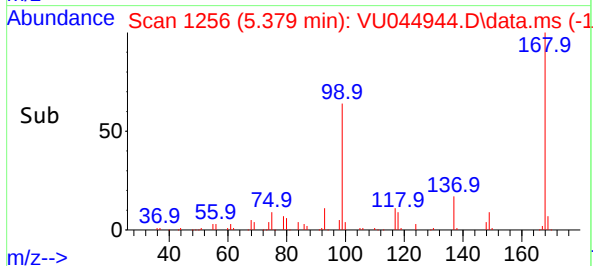
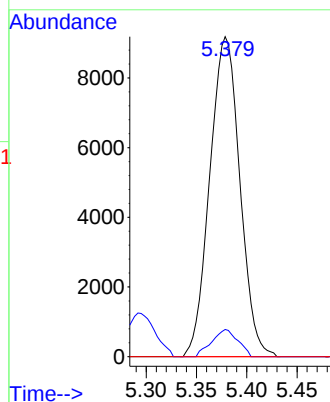
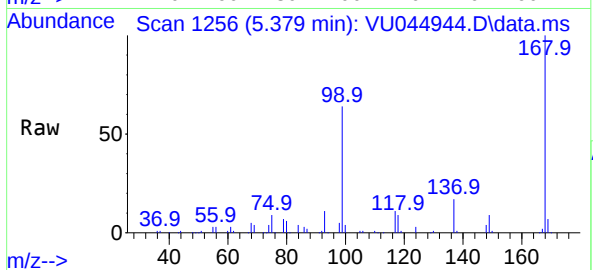
Tgt Ion: 75 Resp: 19115

Ion Ratio Lower Upper

75 100

110 7.4 16.3 48.9#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 6.536 ug/l

RT: 5.379 min Scan# 1256

Delta R.T. -0.147 min

Lab File: VU044944.D

Acq: 28 Sep 2021 16:20

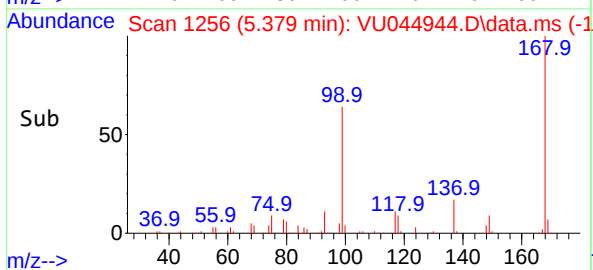
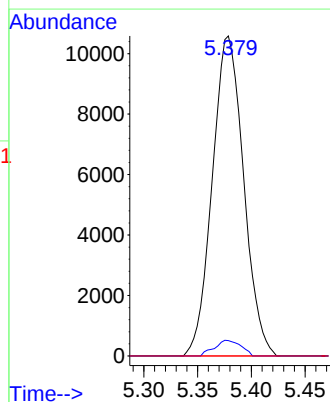
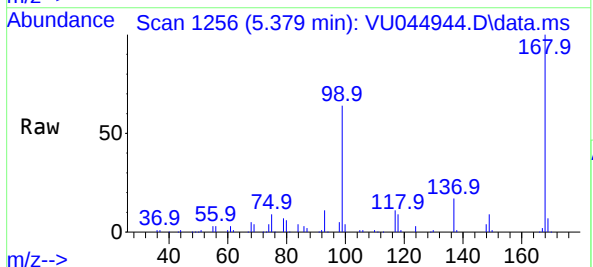
Tgt Ion: 117 Resp: 21470

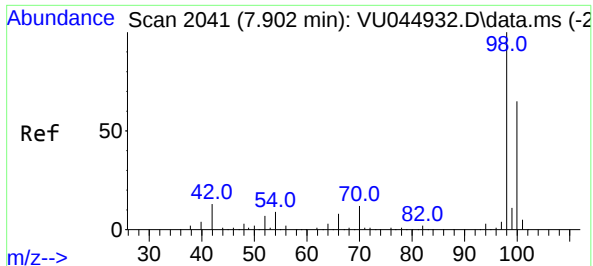
Ion Ratio Lower Upper

117 100

119 4.8 77.4 116.2#

121 0.0 24.5 36.7#

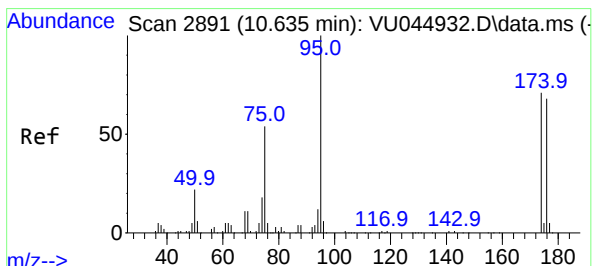
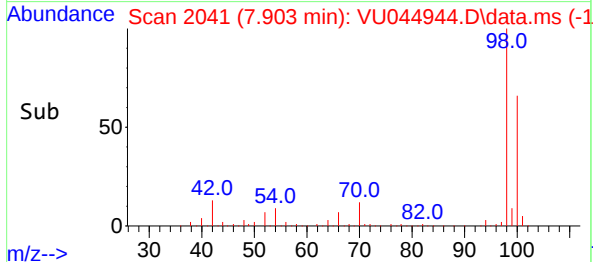
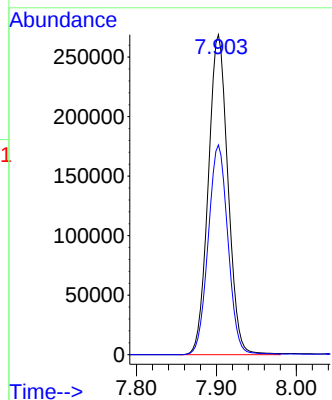
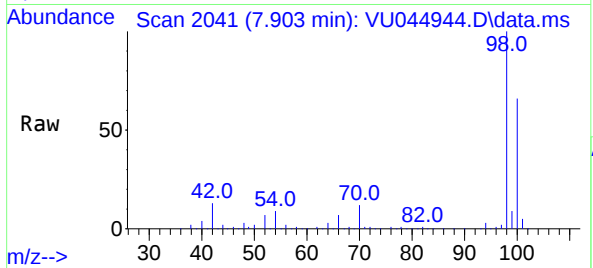




#50
Toluene-d8
Concen: 50.851 ug/l
RT: 7.903 min Scan# 2041
Delta R.T. 0.001 min
Lab File: VU044944.D
Acq: 28 Sep 2021 16:20

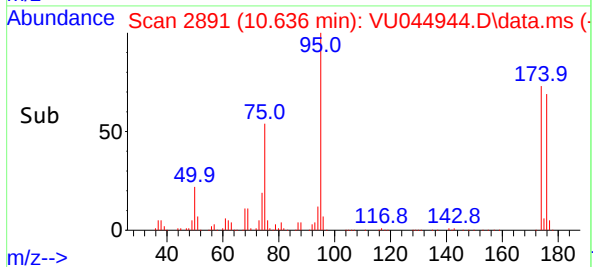
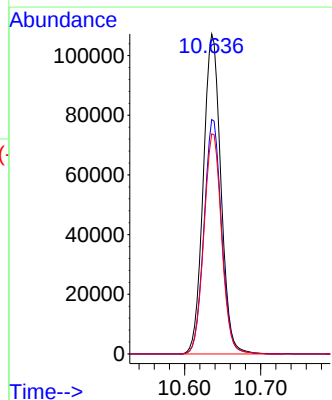
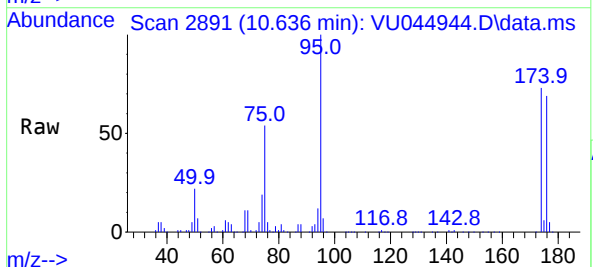
Instrument :
MSVOA_U
ClientSampleId :
P287-DITCH

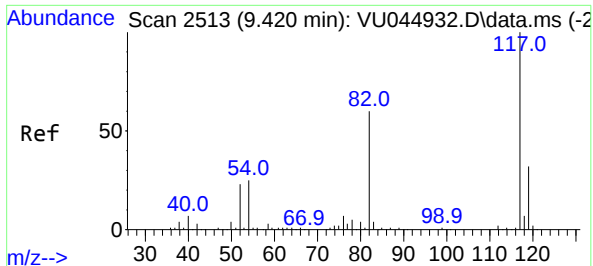
Tgt Ion: 98 Resp: 460101
Ion Ratio Lower Upper
98 100
100 65.8 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 46.140 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.001 min
Lab File: VU044944.D
Acq: 28 Sep 2021 16:20

Tgt Ion: 95 Resp: 172359
Ion Ratio Lower Upper
95 100
174 73.3 0.0 146.6
176 69.3 0.0 141.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.420 min Scan# 2

Delta R.T. 0.000 min

Lab File: VU044944.D

Acq: 28 Sep 2021 16:20

Instrument :

MSVOA_U

ClientSampleId :

P287-DITCH

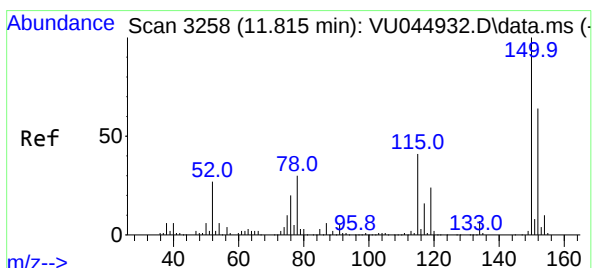
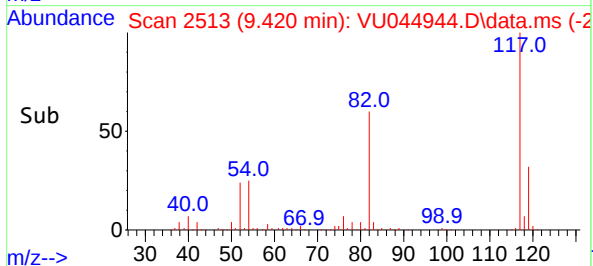
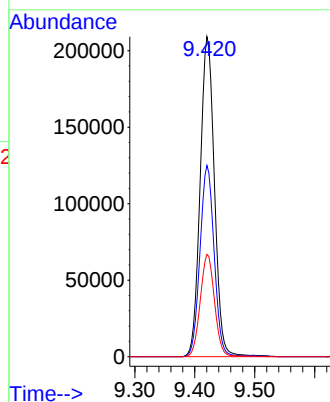
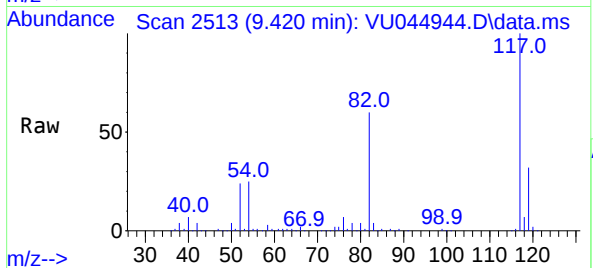
Tgt Ion:117 Resp: 347710

Ion Ratio Lower Upper

117 100

82 59.7 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. 0.001 min

Lab File: VU044944.D

Acq: 28 Sep 2021 16:20

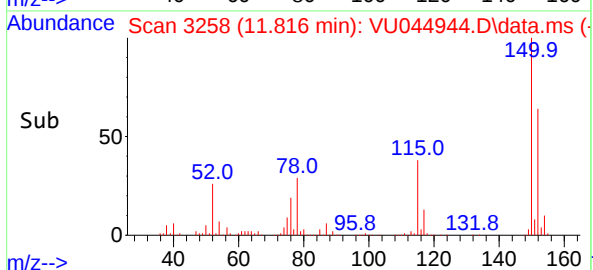
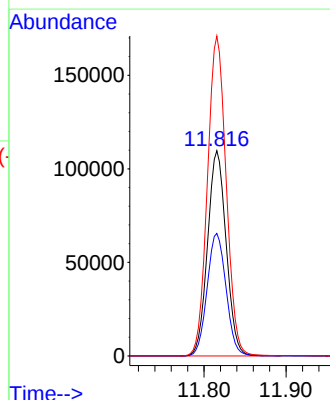
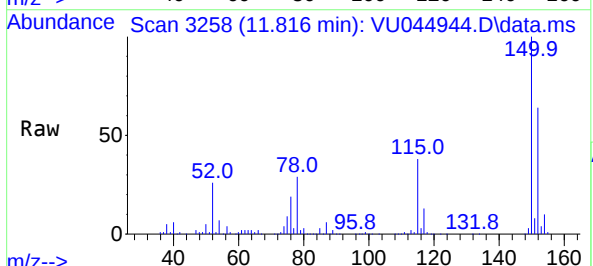
Tgt Ion:152 Resp: 173672

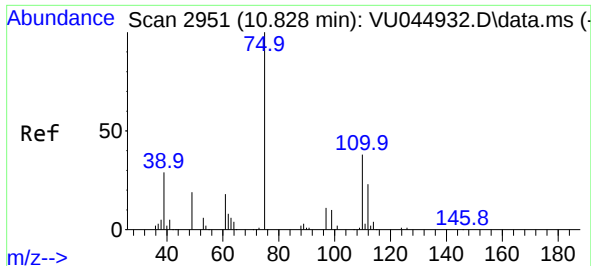
Ion Ratio Lower Upper

152 100

115 60.6 43.5 130.7

150 156.4 0.0 350.0

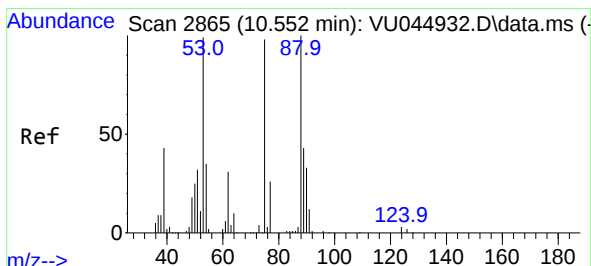
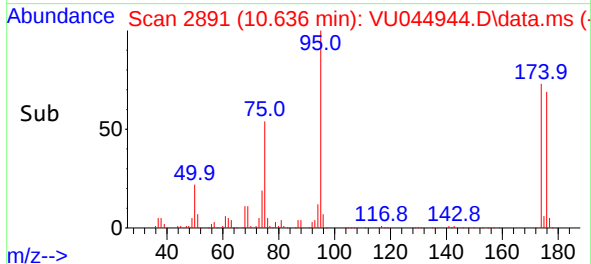
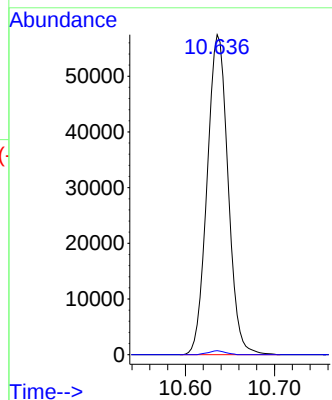
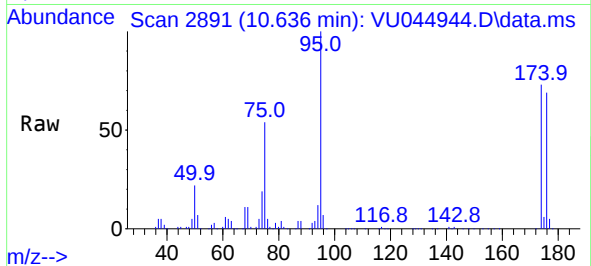




#76
1,2,3-Trichloropropane
Concen: 18.478 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. -0.192 min
Lab File: VU044944.D
Acq: 28 Sep 2021 16:20

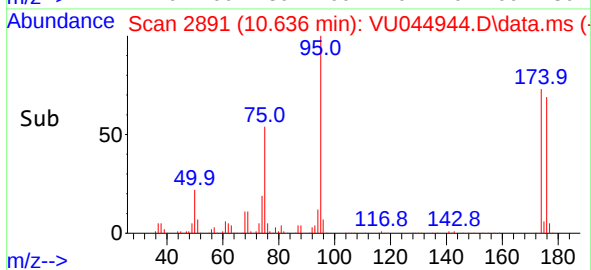
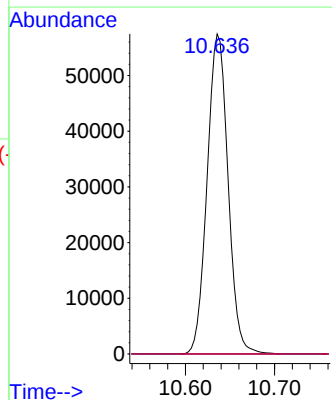
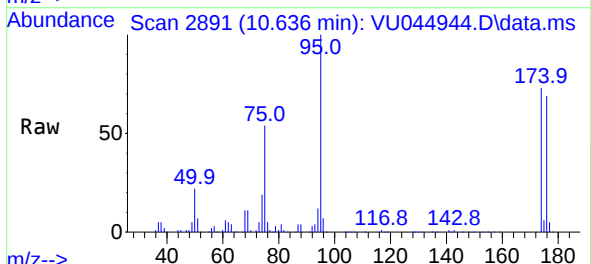
Instrument :
MSVOA_U
ClientSampleId :
P287-DITCH

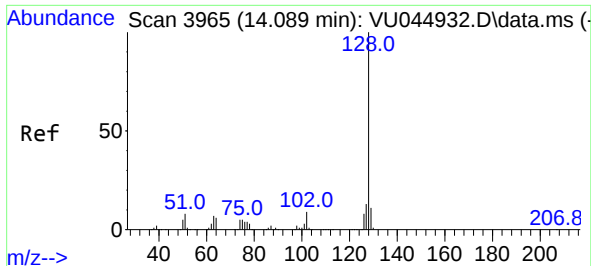
Tgt Ion: 75 Resp: 93603
Ion Ratio Lower Upper
75 100
77 1.0 17.9 53.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 51.279 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.084 min
Lab File: VU044944.D
Acq: 28 Sep 2021 16:20

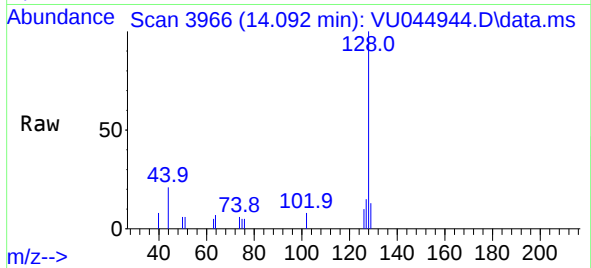
Tgt Ion: 75 Resp: 93603
Ion Ratio Lower Upper
75 100
53 0.0 82.0 123.0#
89 0.0 34.2 51.4#





#95
Naphthalene
Concen: 0.326 ug/l
RT: 14.092 min Scan# 3966
Delta R.T. 0.003 min
Lab File: VU044944.D
Acq: 28 Sep 2021 16:20

Instrument :
MSVOA_U
ClientSampleId :
P287-DITCH



Tgt Ion:128 Resp: 4173
Ion Ratio Lower Upper
128 100
127 9.8 10.4 15.6#
129 10.3 8.6 13.0

