

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092821\
 Data File : VU044971.D
 Acq On : 29 Sep 2021 03:42
 Operator : SY/MD
 Sample : M3936-05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 46 Sample Multiplier: 1

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

Quant Time: Sep 29 05:51:18 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)

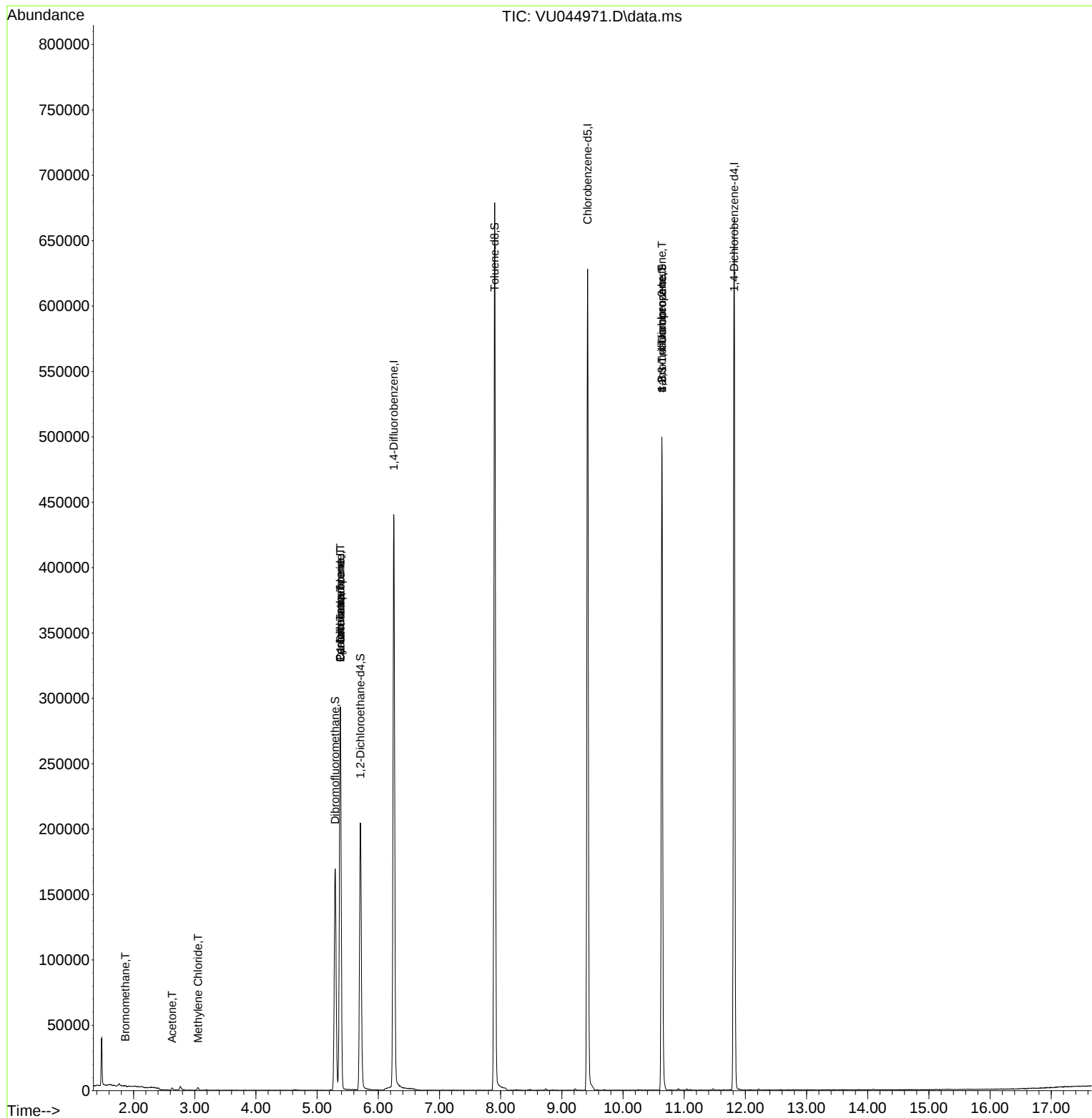
Internal Standards						
1) Pentafluorobenzene	5.378	168	189169	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	338269	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	331771	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	164417	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	157092	49.887	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.780%
35) Dibromofluoromethane	5.295	113	110042	51.568	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.140%
50) Toluene-d8	7.902	98	437113	51.843	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	103.680%
62) 4-Bromofluorobenzene	10.636	95	163255	46.899	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.800%
Target Compounds						
					Qvalue	
5) Bromomethane	1.864	94	320	0.269	ug/l #	60
16) Acetone	2.629	43	2237	1.197	ug/l	96
20) Methylene Chloride	3.054	84	888	0.315	ug/l	92
31) Cyclohexane	5.378	56	5078	1.062	ug/l #	1
36) 1,1-Dichloropropene	5.378	75	17929	5.068	ug/l #	49
38) Carbon Tetrachloride	5.378	117	19965	6.522	ug/l #	16
76) 1,2,3-Trichloropropane	10.636	75	89157	18.591	ug/l #	41
81) trans-1,4-Dichloro-2-b...	10.636	75	89157	51.593	ug/l #	9

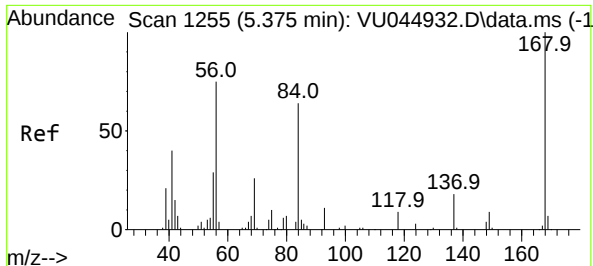
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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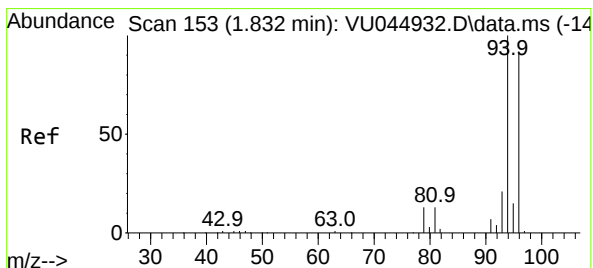
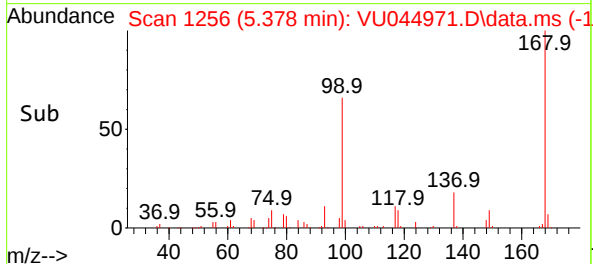
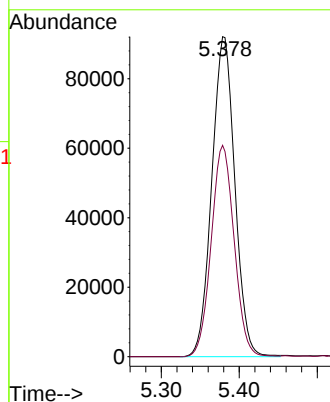
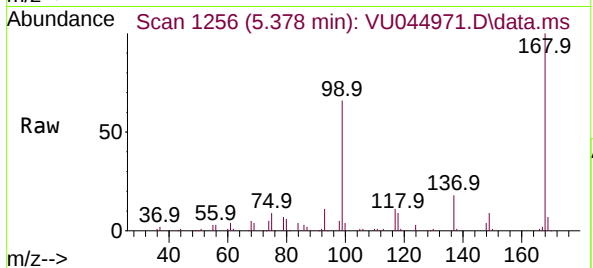




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.378 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU044971.D
Acq: 29 Sep 2021 03:42

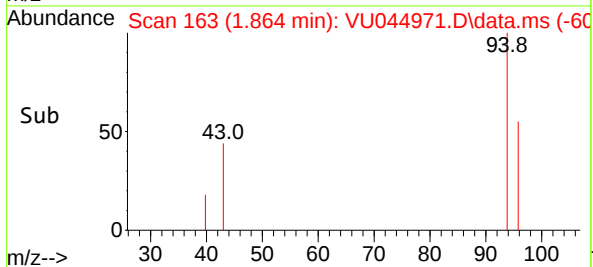
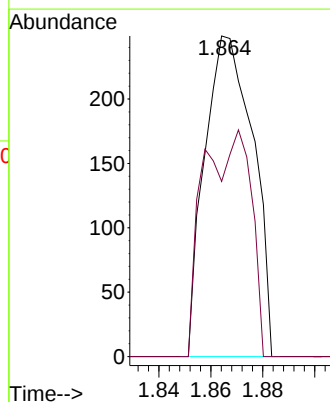
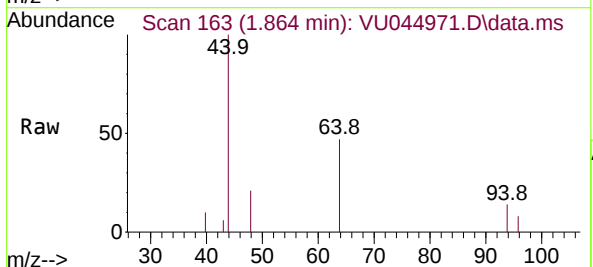
Instrument :
MSVOA_U
ClientSampleId :
TB-9-24-21

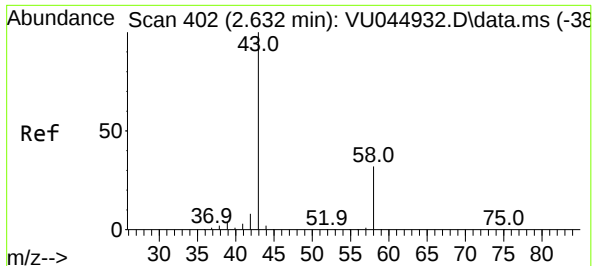
Tgt Ion:168 Resp: 189169
Ion Ratio Lower Upper
168 100
99 66.0 51.4 77.0



#5
Bromomethane
Concen: 0.269 ug/l
RT: 1.864 min Scan# 163
Delta R.T. 0.032 min
Lab File: VU044971.D
Acq: 29 Sep 2021 03:42

Tgt Ion: 94 Resp: 320
Ion Ratio Lower Upper
94 100
96 54.6 74.5 111.7#





#16

Acetone

Concen: 1.197 ug/l

RT: 2.629 min Scan# 40

Delta R.T. -0.003 min

Lab File: VU044971.D

Acq: 29 Sep 2021 03:42

Instrument :

MSVOA_U

ClientSampleId :

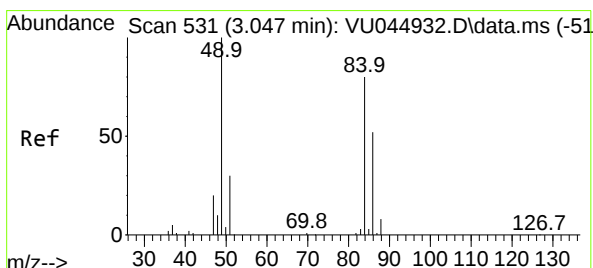
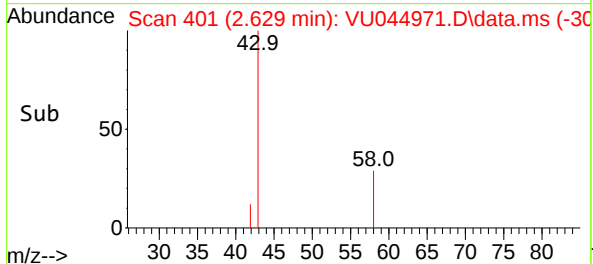
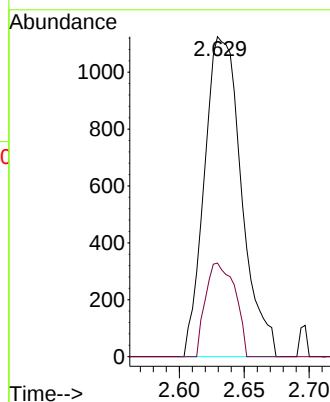
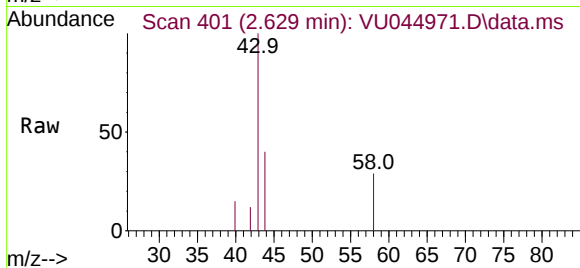
TB-9-24-21

Tgt Ion: 43 Resp: 2237

Ion Ratio Lower Upper

43 100

58 29.2 25.2 37.8



#20

Methylene Chloride

Concen: 0.315 ug/l

RT: 3.054 min Scan# 533

Delta R.T. 0.007 min

Lab File: VU044971.D

Acq: 29 Sep 2021 03:42

Tgt Ion: 84 Resp: 888

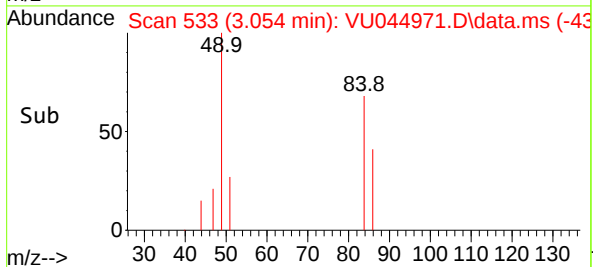
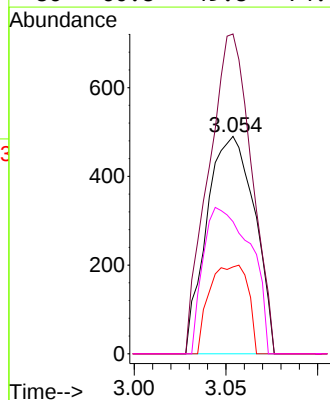
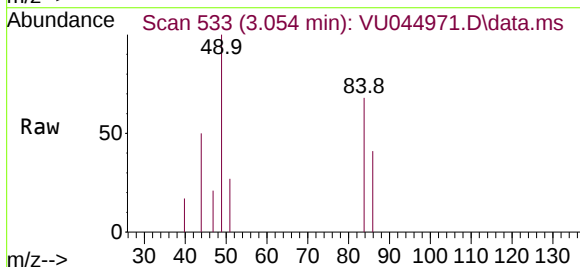
Ion Ratio Lower Upper

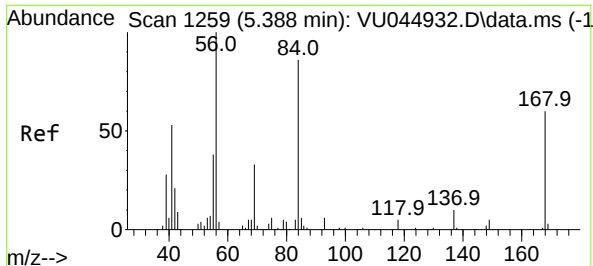
84 100

49 147.1 104.9 157.3

51 40.0 31.8 47.8

86 60.8 49.8 74.6





#31

Cyclohexane

Concen: 1.062 ug/l

RT: 5.378 min Scan# 1256

Delta R.T. -0.010 min

Lab File: VU044971.D

Acq: 29 Sep 2021 03:42

Instrument :

MSVOA_U

ClientSampleId :

TB-9-24-21

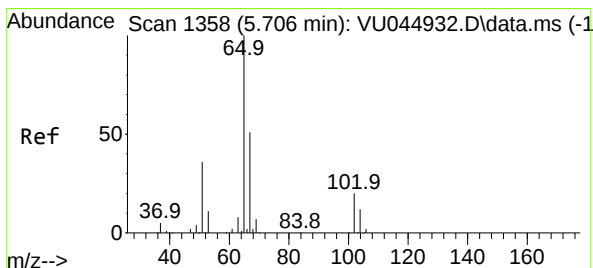
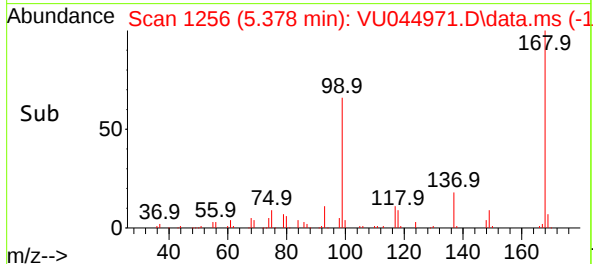
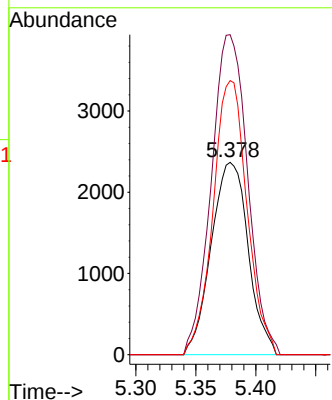
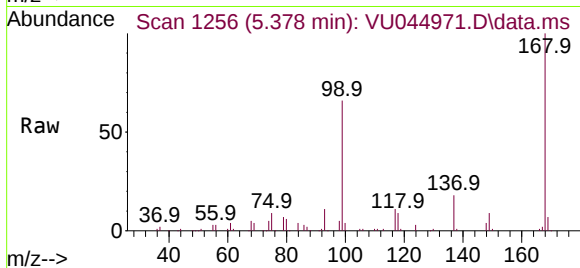
Tgt Ion: 56 Resp: 5078

Ion Ratio Lower Upper

56 100

69 166.3 25.2 37.8#

84 142.5 66.4 99.6#



#33

1,2-Dichloroethane-d4

Concen: 49.887 ug/l

RT: 5.706 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VU044971.D

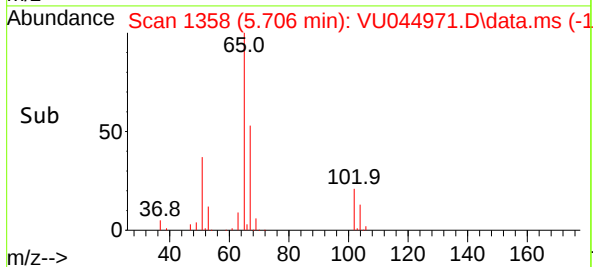
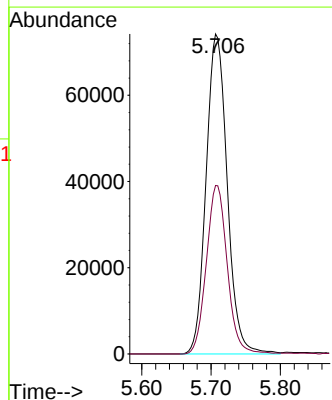
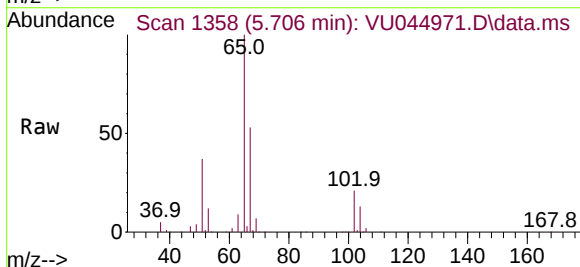
Acq: 29 Sep 2021 03:42

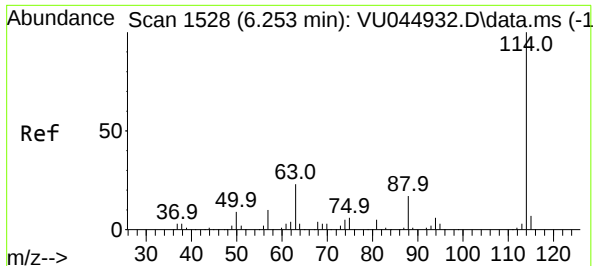
Tgt Ion: 65 Resp: 157092

Ion Ratio Lower Upper

65 100

67 52.2 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.253 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU044971.D

Acq: 29 Sep 2021 03:42

Instrument :

MSVOA_U

ClientSampleId :

TB-9-24-21

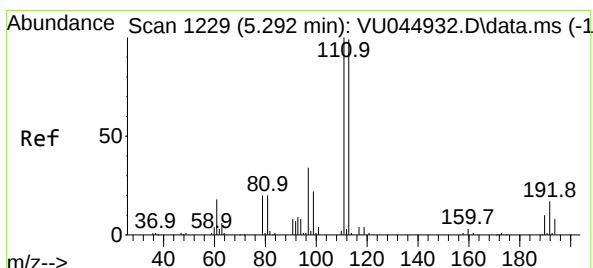
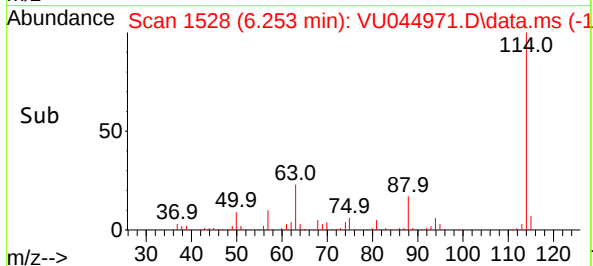
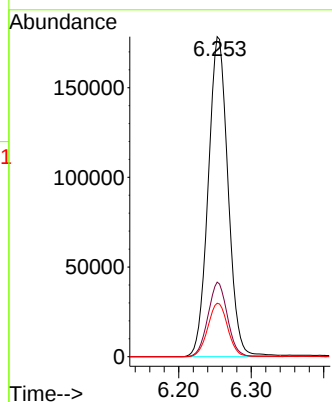
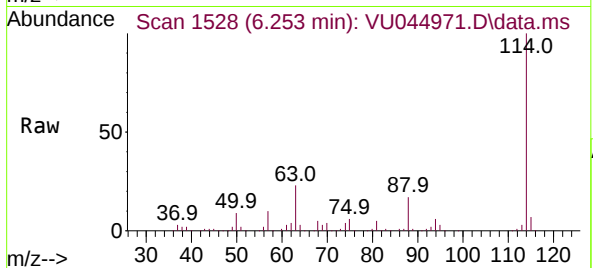
Tgt Ion:114 Resp: 338269

Ion Ratio Lower Upper

114 100

63 23.3 0.0 47.8

88 16.7 0.0 32.8



#35

Dibromofluoromethane

Concen: 51.568 ug/l

RT: 5.295 min Scan# 1230

Delta R.T. 0.003 min

Lab File: VU044971.D

Acq: 29 Sep 2021 03:42

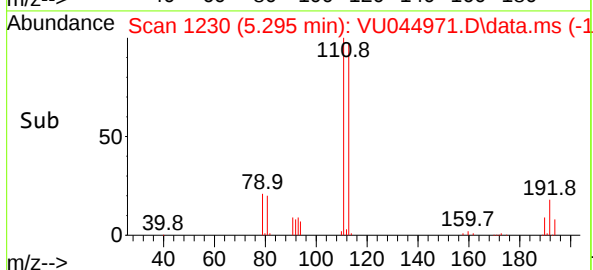
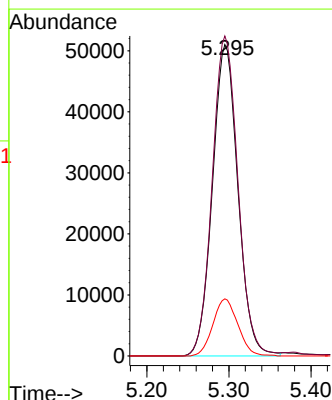
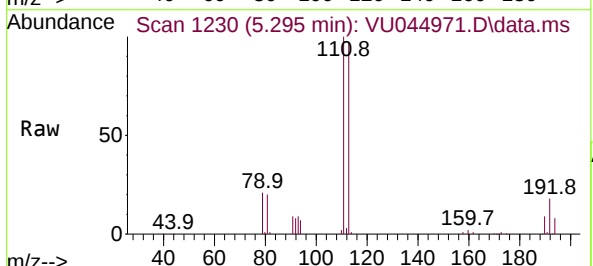
Tgt Ion:113 Resp: 110042

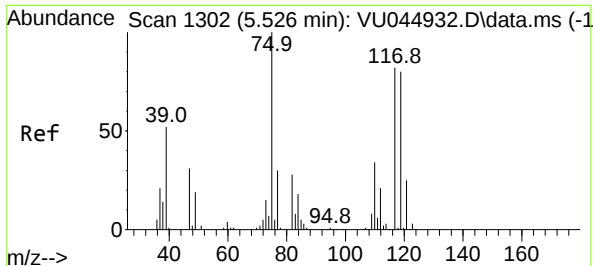
Ion Ratio Lower Upper

113 100

111 103.6 84.1 126.1

192 18.0 14.8 22.2





#36

1,1-Dichloropropene

Concen: 5.068 ug/l

RT: 5.378 min Scan# 1256

Delta R.T. -0.148 min

Lab File: VU044971.D

Acq: 29 Sep 2021 03:42

Instrument :

MSVOA_U

ClientSampleId :

TB-9-24-21

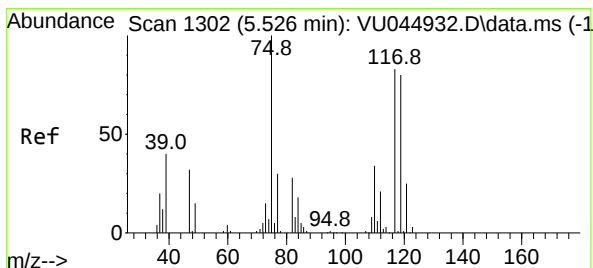
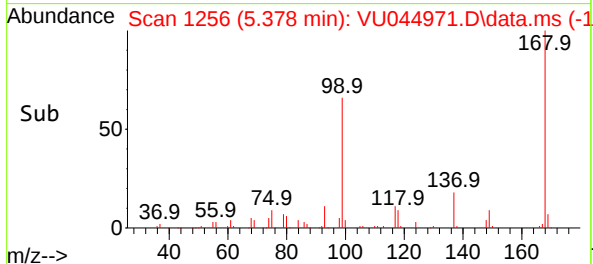
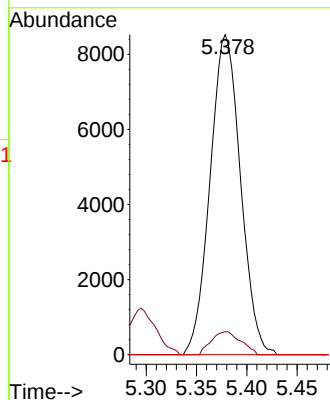
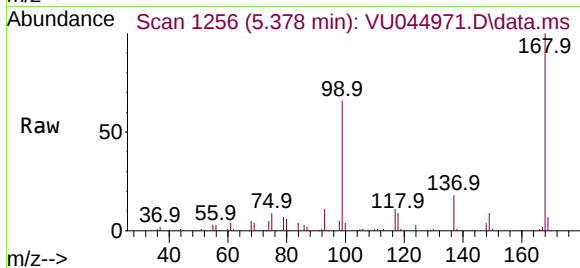
Tgt Ion: 75 Resp: 17929

Ion Ratio Lower Upper

75 100

110 7.0 16.3 48.9#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 6.522 ug/l

RT: 5.378 min Scan# 1256

Delta R.T. -0.148 min

Lab File: VU044971.D

Acq: 29 Sep 2021 03:42

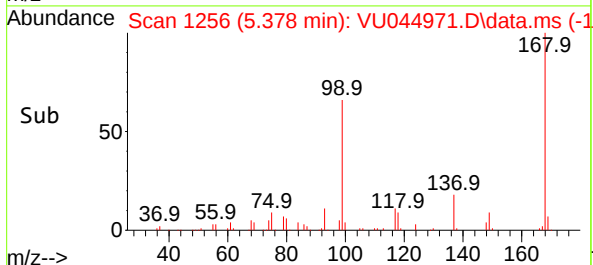
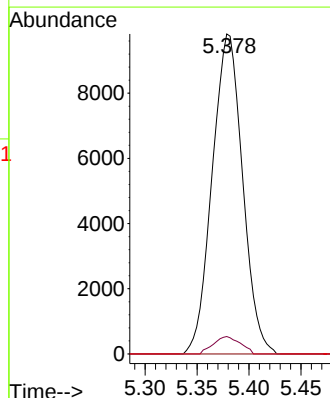
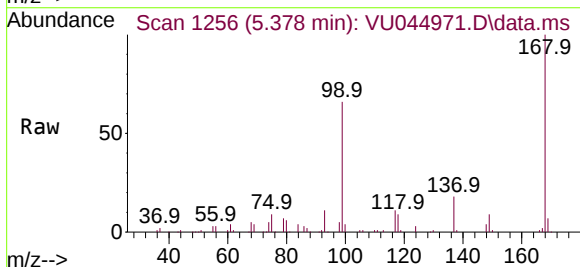
Tgt Ion: 117 Resp: 19965

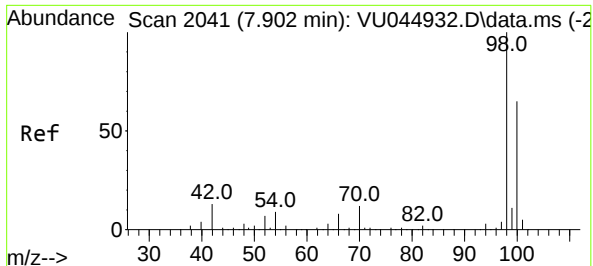
Ion Ratio Lower Upper

117 100

119 5.5 77.4 116.2#

121 0.0 24.5 36.7#

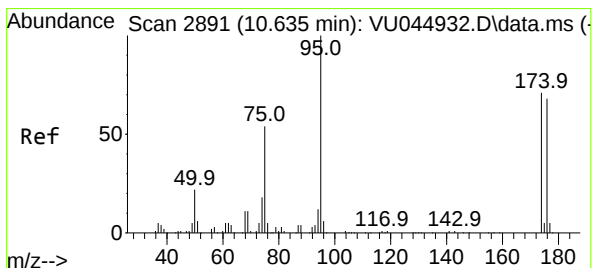
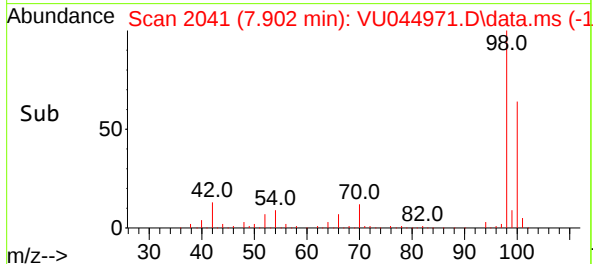
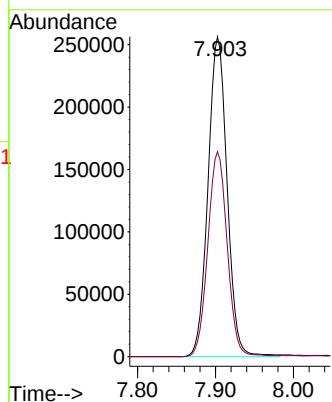
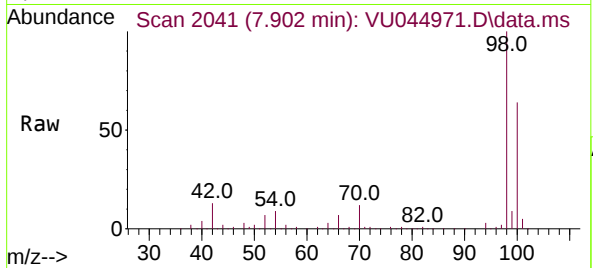




#50
Toluene-d8
Concen: 51.843 ug/l
RT: 7.902 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VU044971.D
Acq: 29 Sep 2021 03:42

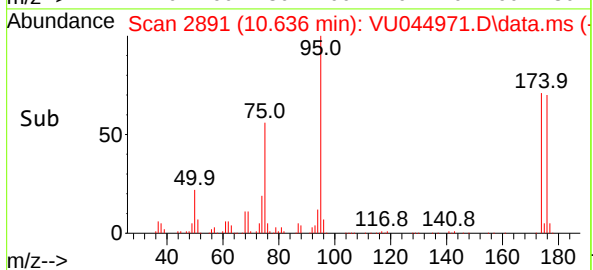
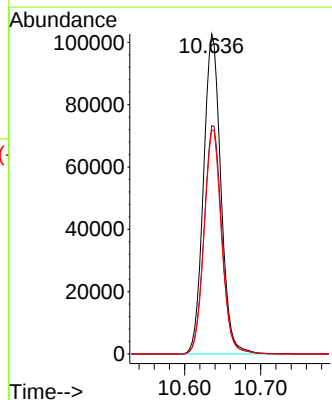
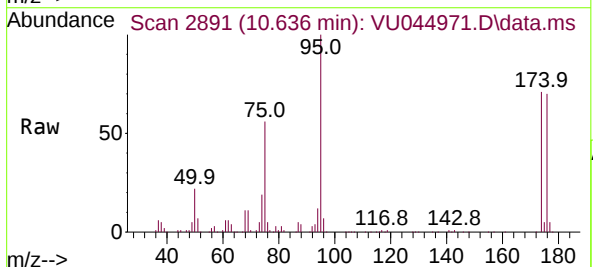
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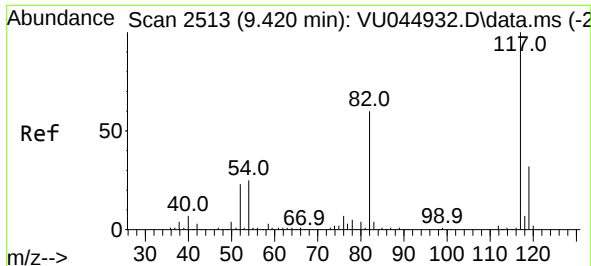
Tgt Ion: 98 Resp: 437113
Ion Ratio Lower Upper
98 100
100 65.3 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 46.899 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.001 min
Lab File: VU044971.D
Acq: 29 Sep 2021 03:42

Tgt Ion: 95 Resp: 163255
Ion Ratio Lower Upper
95 100
174 72.7 0.0 146.6
176 70.1 0.0 141.2

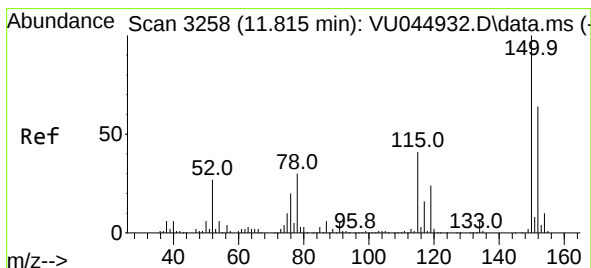
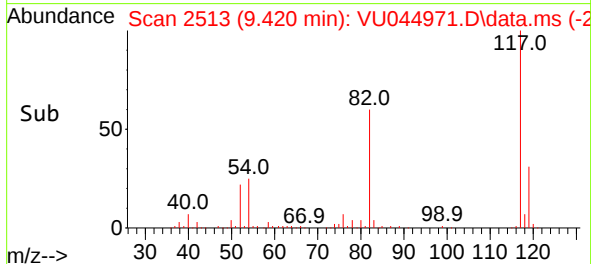
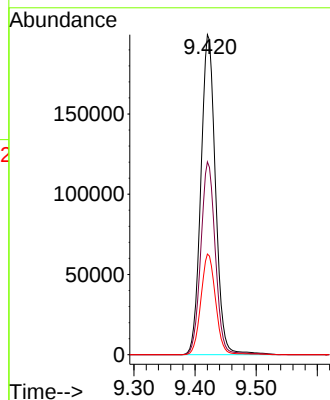
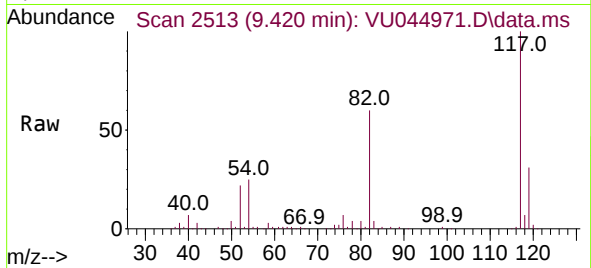




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU044971.D
Acq: 29 Sep 2021 03:42

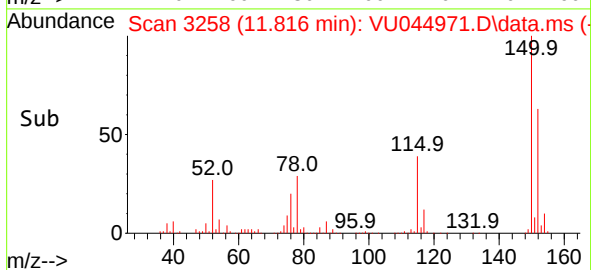
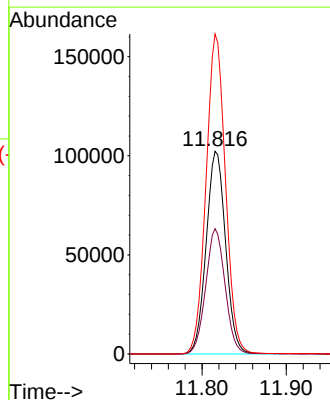
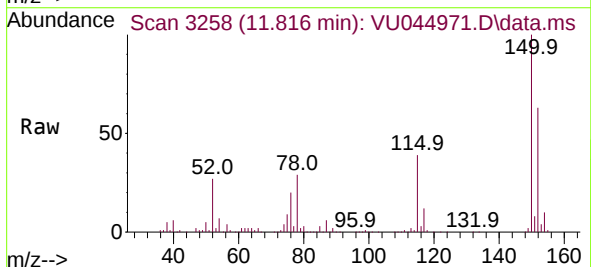
Instrument :
MSVOA_U
ClientSampleId :
TB-9-24-21

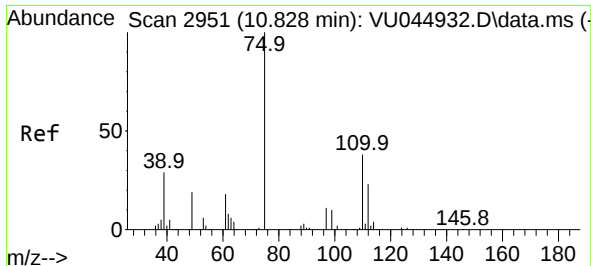
Tgt Ion:117 Resp: 331771
Ion Ratio Lower Upper
117 100
82 60.3 47.8 71.8
119 31.5 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.816 min Scan# 3258
Delta R.T. 0.001 min
Lab File: VU044971.D
Acq: 29 Sep 2021 03:42

Tgt Ion:152 Resp: 164417
Ion Ratio Lower Upper
152 100
115 61.6 43.5 130.7
150 157.5 0.0 350.0

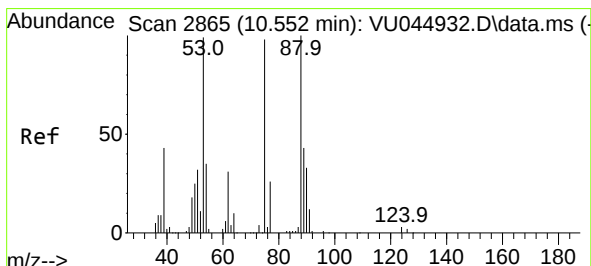
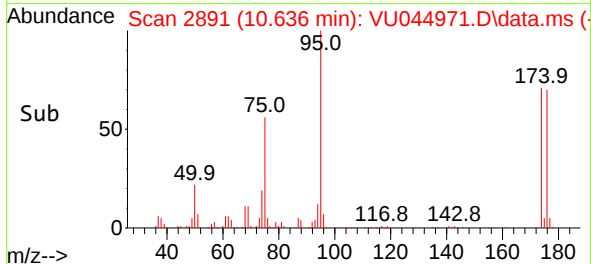
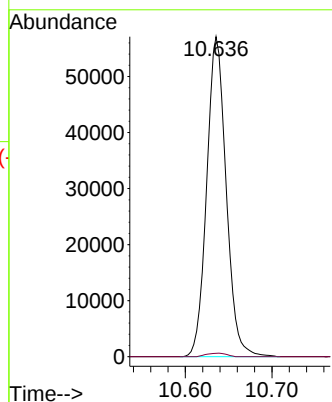
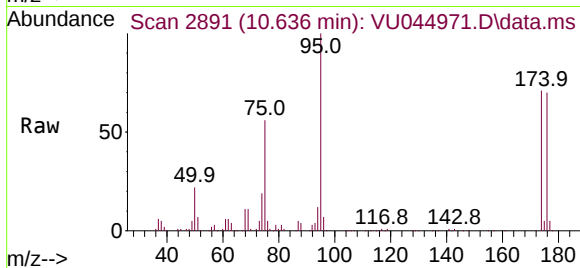




#76
1,2,3-Trichloropropane
Concen: 18.591 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. -0.192 min
Lab File: VU044971.D
Acq: 29 Sep 2021 03:42

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

Tgt Ion: 75 Resp: 89157
Ion Ratio Lower Upper
75 100
77 1.1 17.9 53.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 51.593 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.084 min
Lab File: VU044971.D
Acq: 29 Sep 2021 03:42

Tgt Ion: 75 Resp: 89157
Ion Ratio Lower Upper
75 100
53 0.0 82.0 123.0#
89 0.0 34.2 51.4#

