

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092921\
 Data File : VU045023.D
 Acq On : 30 Sep 2021 03:51
 Operator : SY/MD
 Sample : M3952-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TRIP-BLANK

Quant Time: Sep 30 05:29:50 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)

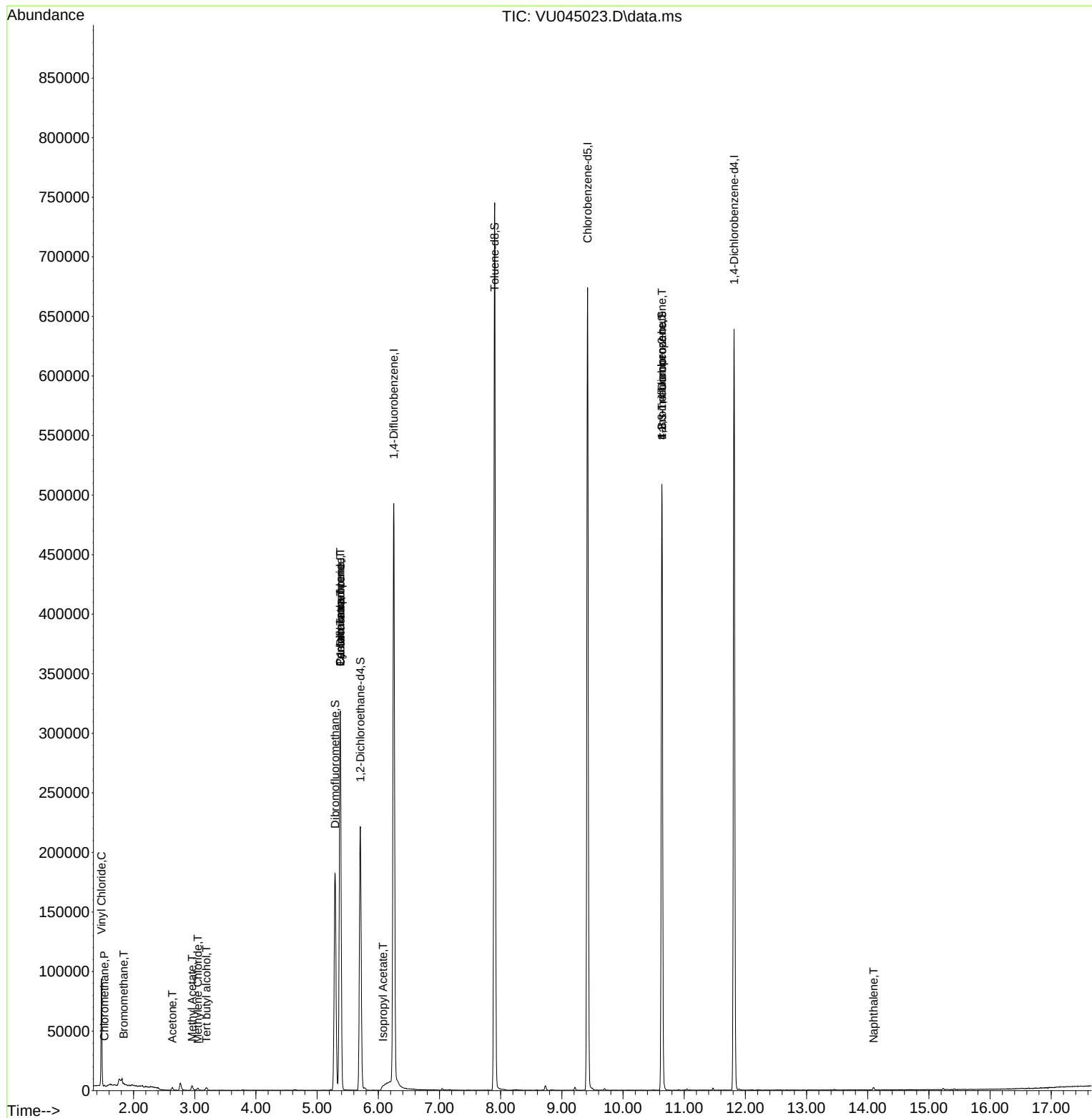
Internal Standards						
1) Pentafluorobenzene	5.378	168	209163	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	373731	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	345013	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.815	152	155454	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	165218	47.452	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.900%
35) Dibromofluoromethane	5.292	113	115923	49.169	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.340%
50) Toluene-d8	7.902	98	474314	50.917	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.840%
62) 4-Bromofluorobenzene	10.635	95	169362	44.037	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.080%
Target Compounds						
					Qvalue	
3) Chloromethane	1.523	50	1015	0.303	ug/l	89
4) Vinyl Chloride	1.475	62	827	0.247	ug/l #	1
5) Bromomethane	1.838	94	635	0.483	ug/l #	69
11) Tert butyl alcohol	3.192	59	1426	1.427	ug/l #	72
16) Acetone	2.633	43	2671	1.292	ug/l	94
18) Methyl Acetate	2.954	43	5200	0.861	ug/l	99
20) Methylene Chloride	3.047	84	999	0.321	ug/l #	86
31) Cyclohexane	5.378	56	5520	1.044	ug/l #	2
36) 1,1-Dichloropropene	5.378	75	19022	4.867	ug/l #	50
38) Carbon Tetrachloride	5.378	117	22030	6.514	ug/l #	16
43) Isopropyl Acetate	6.076	43	2997	0.385	ug/l #	61
76) 1,2,3-Trichloropropane	10.635	75	91163	20.105	ug/l #	41
81) trans-1,4-Dichloro-2-b...	10.635	75	91163	55.795	ug/l #	9
95) Naphthalene	14.095	128	2610	0.228	ug/l #	89

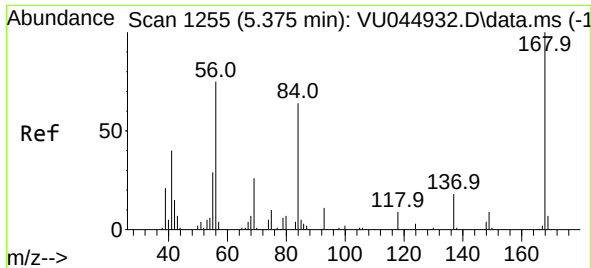
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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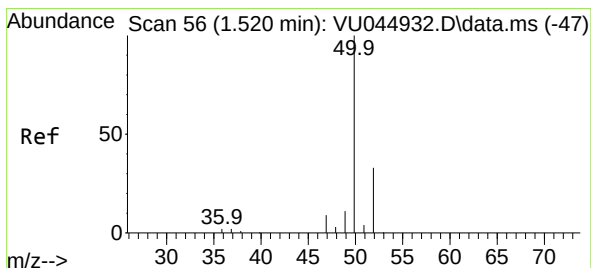
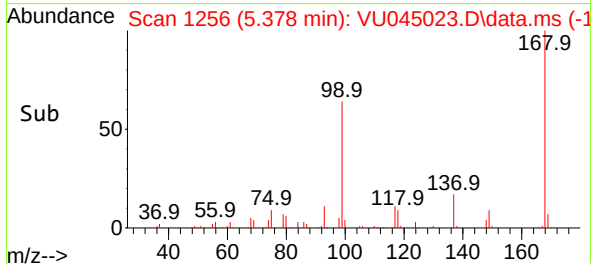
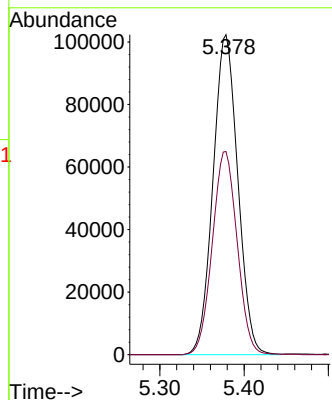
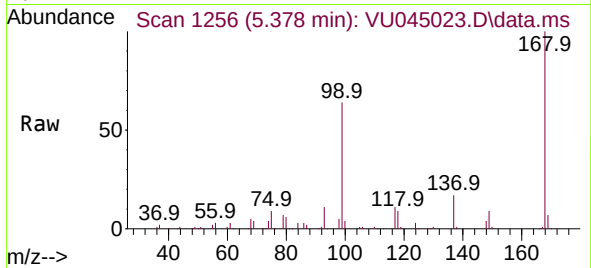




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. 0.003 min
Lab File: VU045023.D
Acq: 30 Sep 2021 03:51

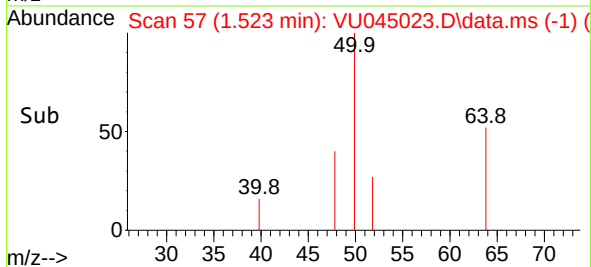
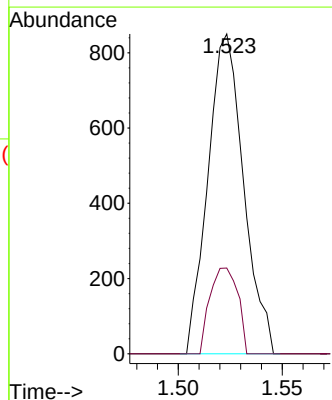
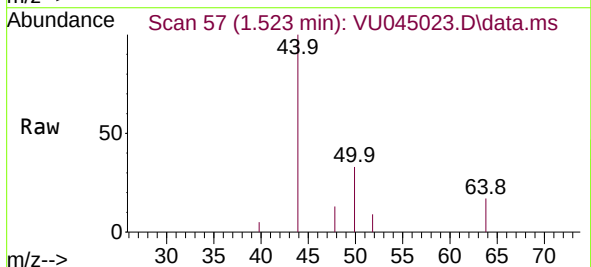
Instrument :
MSVOA_U
ClientSampleId :
TRIP-BLANK

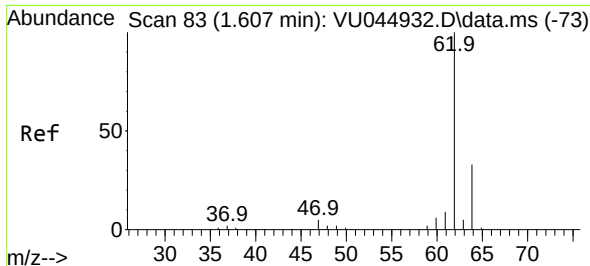
Tgt Ion:168 Resp: 209163
Ion Ratio Lower Upper
168 100
99 63.5 51.4 77.0



#3
Chloromethane
Concen: 0.303 ug/l
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU045023.D
Acq: 30 Sep 2021 03:51

Tgt Ion: 50 Resp: 1015
Ion Ratio Lower Upper
50 100
52 26.8 26.3 39.5

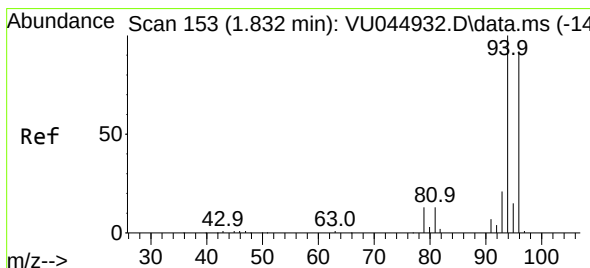
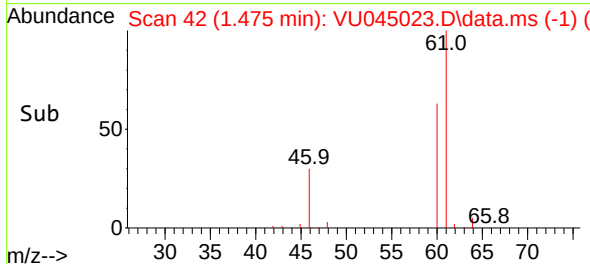
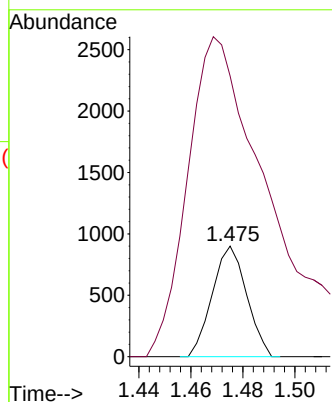
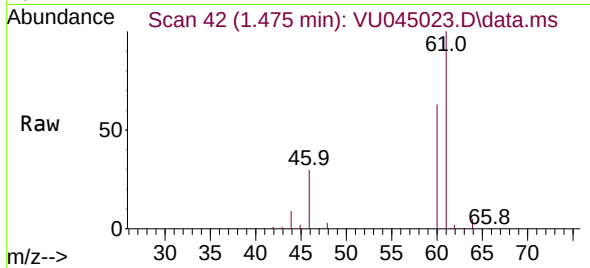




#4
 Vinyl Chloride
 Concen: 0.247 ug/l
 RT: 1.475 min Scan# 42
 Delta R.T. -0.132 min
 Lab File: VU045023.D
 Acq: 30 Sep 2021 03:51

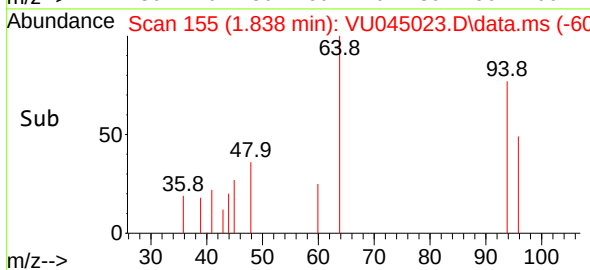
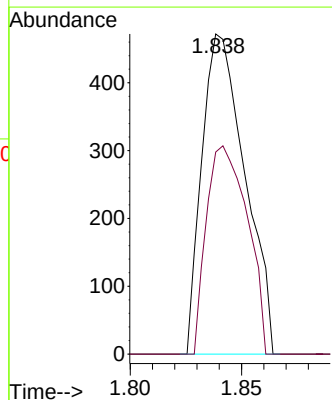
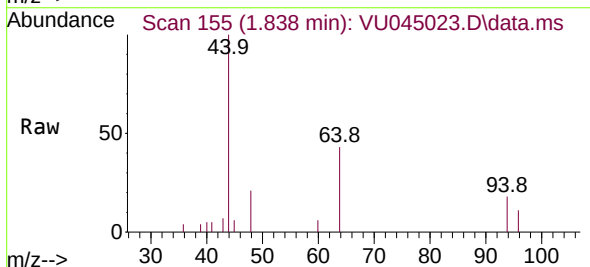
Instrument :
 MSVOA_U
 ClientSampleId :
 TRIP-BLANK

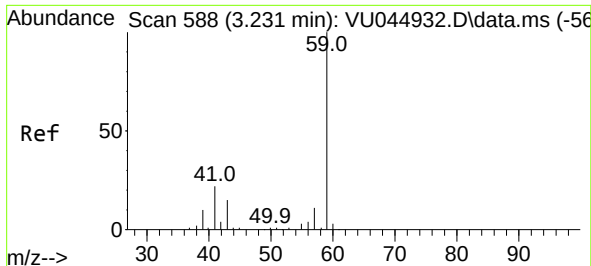
Tgt Ion: 62 Resp: 827
 Ion Ratio Lower Upper
 62 100
 64 145.0 25.6 38.4#



#5
 Bromomethane
 Concen: 0.483 ug/l
 RT: 1.838 min Scan# 155
 Delta R.T. 0.006 min
 Lab File: VU045023.D
 Acq: 30 Sep 2021 03:51

Tgt Ion: 94 Resp: 635
 Ion Ratio Lower Upper
 94 100
 96 63.1 74.5 111.7#



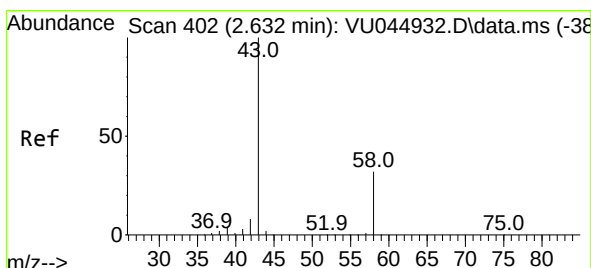
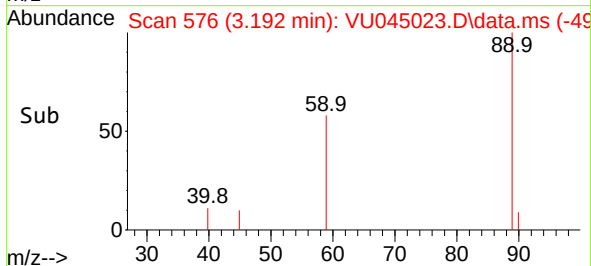
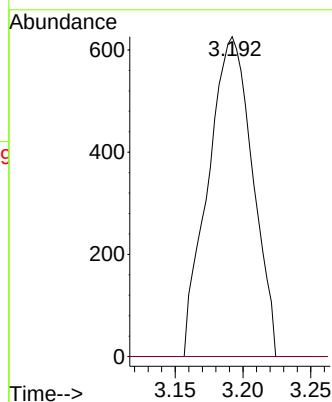
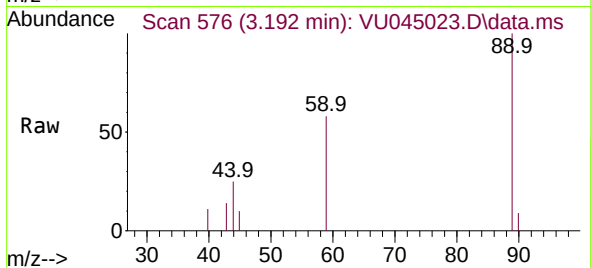


#11

Tert butyl alcohol
Concen: 1.427 ug/l
RT: 3.192 min Scan# 576
Delta R.T. -0.039 min
Lab File: VU045023.D
Acq: 30 Sep 2021 03:51

Instrument :
MSVOA_U
ClientSampleId :
TRIP-BLANK

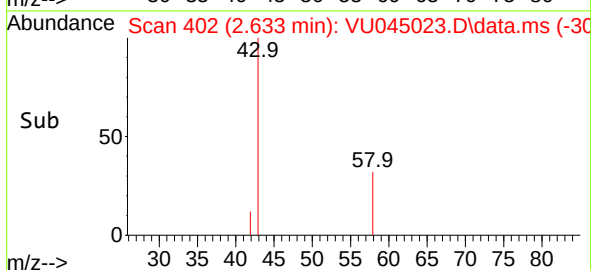
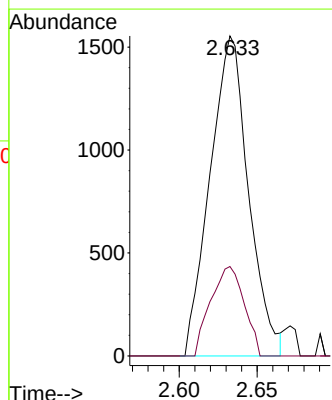
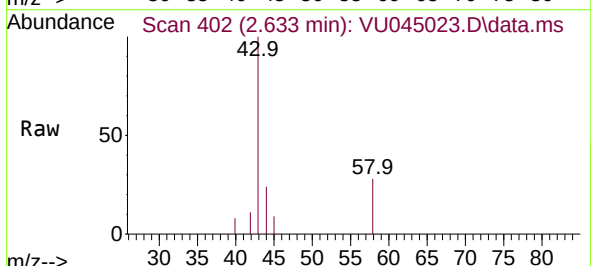
Tgt Ion: 59 Resp: 1426
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

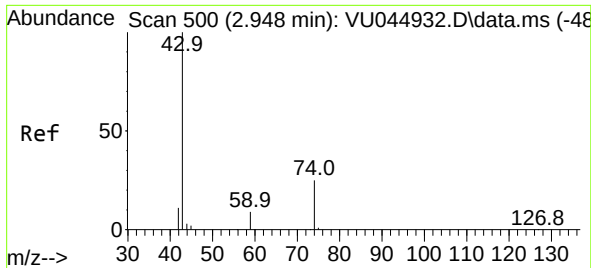


#16

Acetone
Concen: 1.292 ug/l
RT: 2.633 min Scan# 402
Delta R.T. 0.001 min
Lab File: VU045023.D
Acq: 30 Sep 2021 03:51

Tgt Ion: 43 Resp: 2671
Ion Ratio Lower Upper
43 100
58 27.9 25.2 37.8

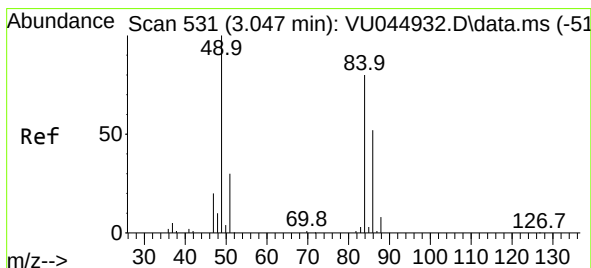
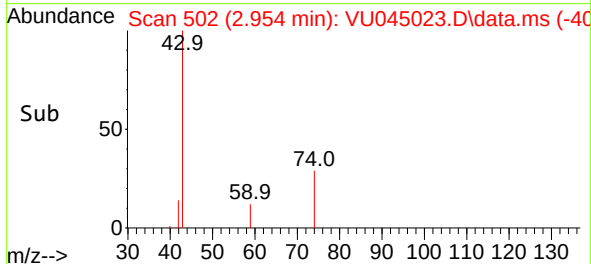
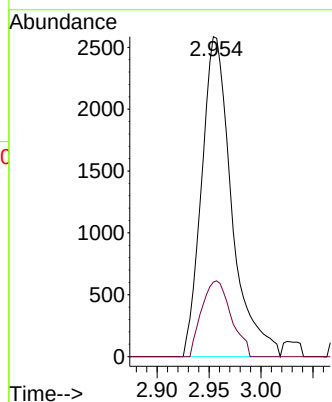
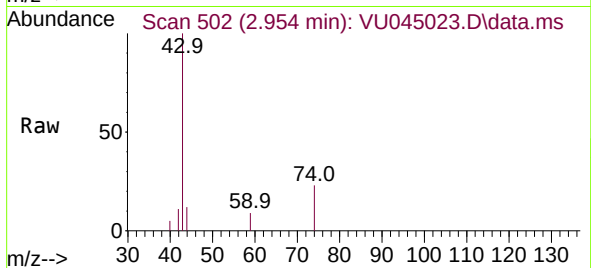




#18
Methyl Acetate
Concen: 0.861 ug/l
RT: 2.954 min Scan# 502
Delta R.T. 0.006 min
Lab File: VU045023.D
Acq: 30 Sep 2021 03:51

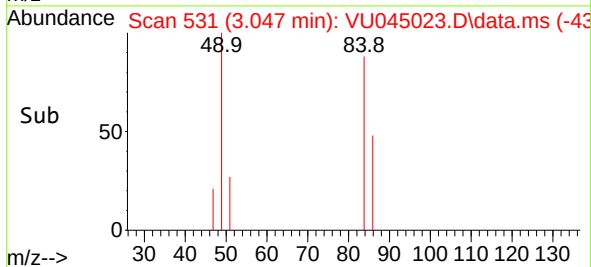
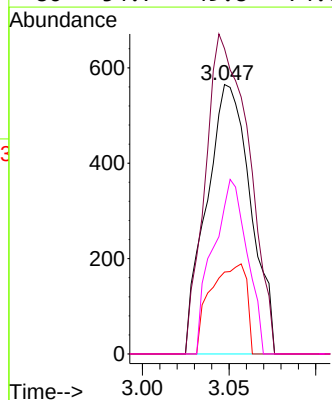
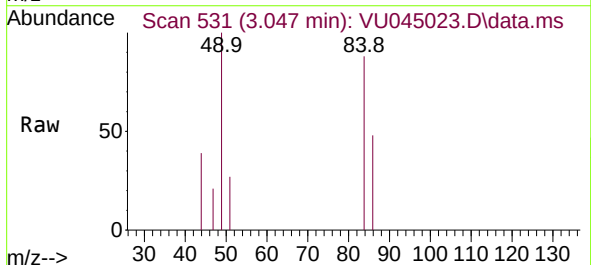
Instrument :
MSVOA_U
ClientSampleId :
TRIP-BLANK

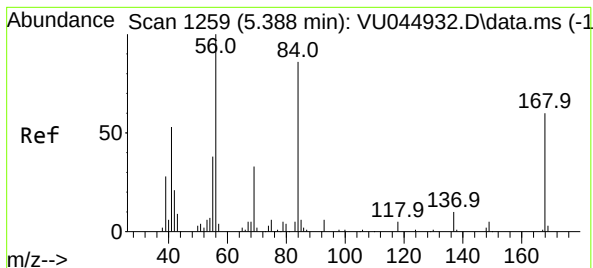
Tgt Ion: 43 Resp: 5200
Ion Ratio Lower Upper
43 100
74 23.2 19.0 28.6



#20
Methylene Chloride
Concen: 0.321 ug/l
RT: 3.047 min Scan# 531
Delta R.T. 0.000 min
Lab File: VU045023.D
Acq: 30 Sep 2021 03:51

Tgt Ion: 84 Resp: 999
Ion Ratio Lower Upper
84 100
49 113.3 104.9 157.3
51 30.4 31.8 47.8#
86 54.7 49.8 74.6





#31

Cyclohexane

Concen: 1.044 ug/l

RT: 5.378 min Scan# 1256

Delta R.T. -0.010 min

Lab File: VU045023.D

Acq: 30 Sep 2021 03:51

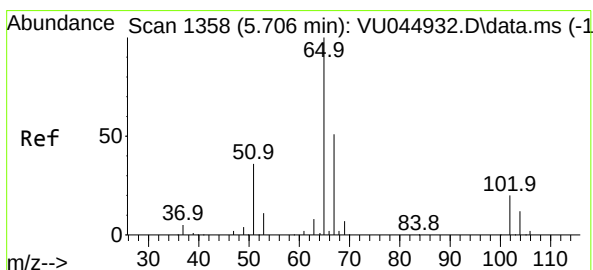
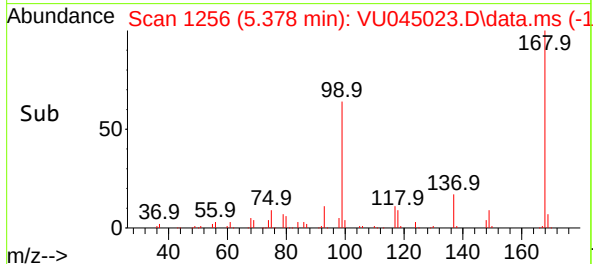
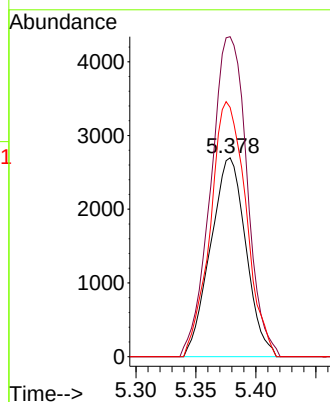
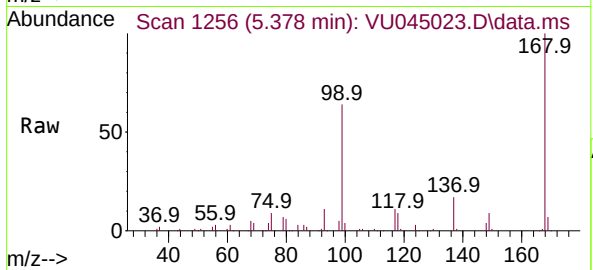
Tgt Ion: 56 Resp: 5520

Ion Ratio Lower Upper

56 100

69 160.9 25.2 37.8#

84 125.4 66.4 99.6#



#33

1,2-Dichloroethane-d4

Concen: 47.452 ug/l

RT: 5.706 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VU045023.D

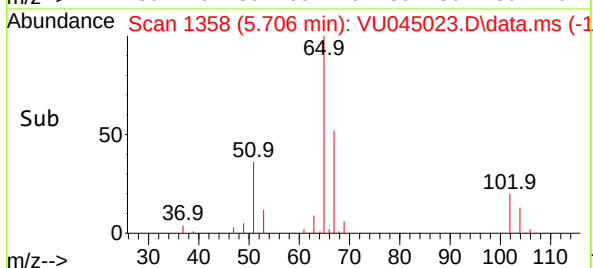
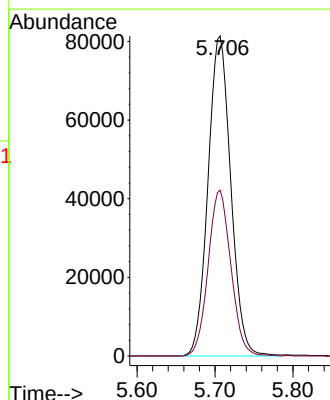
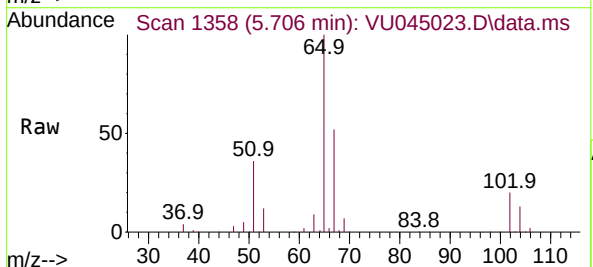
Acq: 30 Sep 2021 03:51

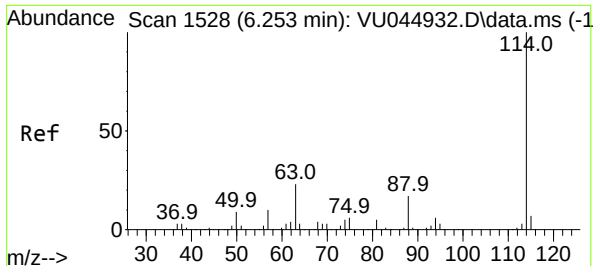
Tgt Ion: 65 Resp: 165218

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: VU045023.D

Acq: 30 Sep 2021 03:51

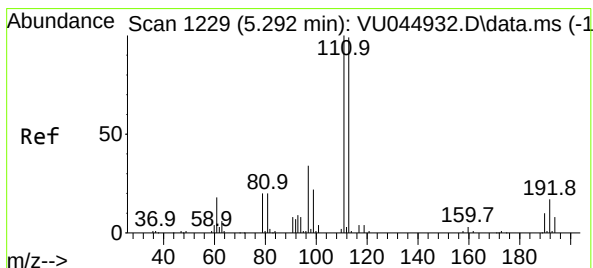
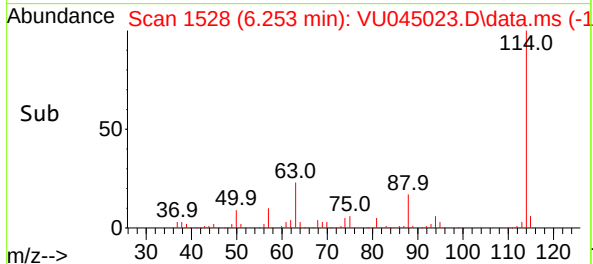
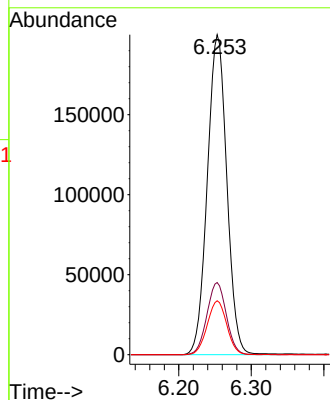
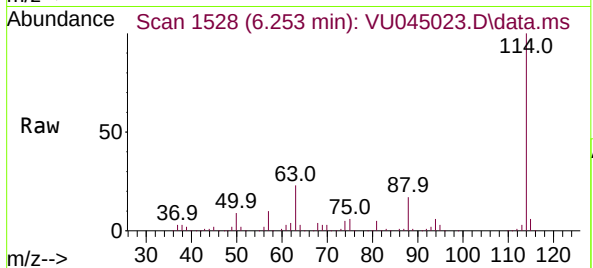
Tgt Ion:114 Resp: 373731

Ion Ratio Lower Upper

114 100

63 22.6 0.0 47.8

88 16.9 0.0 32.8



#35

Dibromofluoromethane

Concen: 49.169 ug/l

RT: 5.292 min Scan# 1229

Delta R.T. -0.000 min

Lab File: VU045023.D

Acq: 30 Sep 2021 03:51

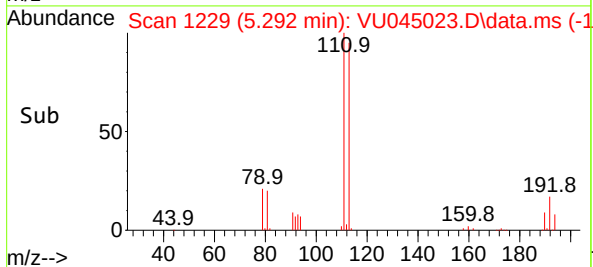
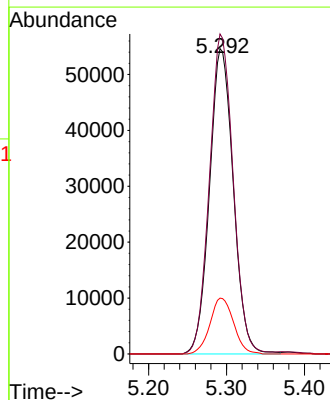
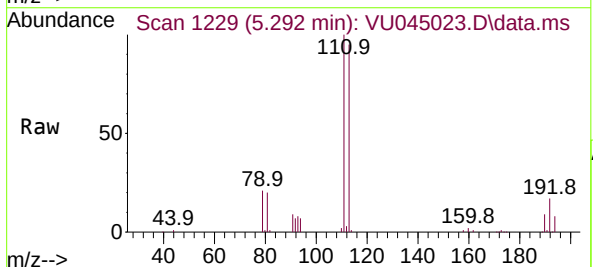
Tgt Ion:113 Resp: 115923

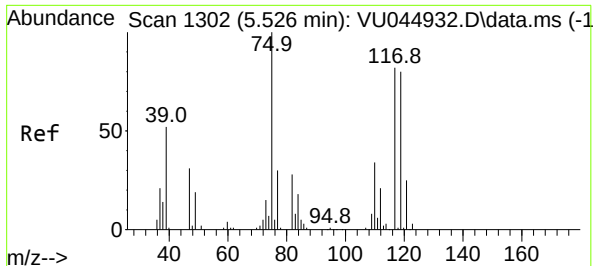
Ion Ratio Lower Upper

113 100

111 104.5 84.1 126.1

192 18.2 14.8 22.2





#36

1,1-Dichloropropene

Concen: 4.867 ug/l

RT: 5.378 min Scan# 1256

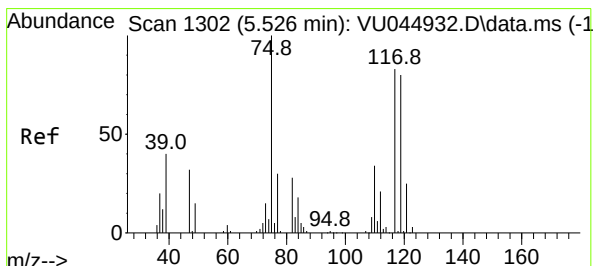
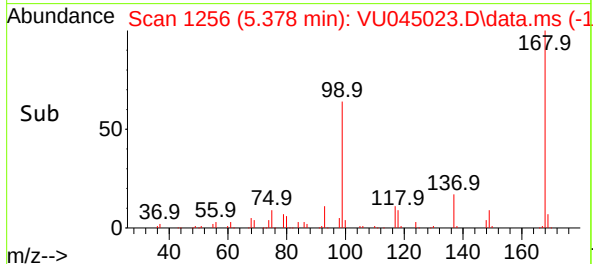
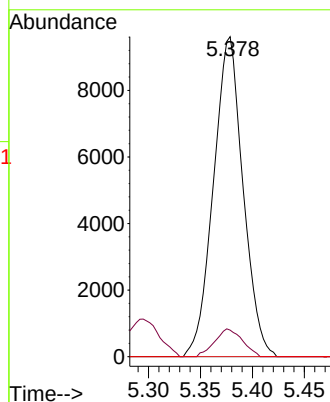
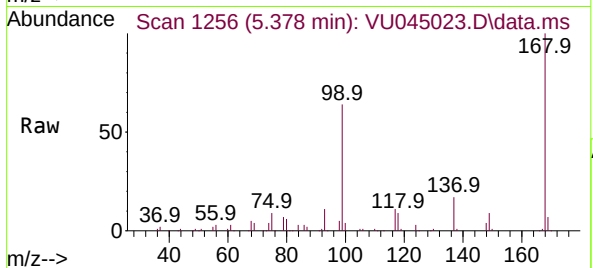
Delta R.T. -0.148 min

Lab File: VU045023.D

Acq: 30 Sep 2021 03:51

Tgt Ion:	75	Resp:	19022
Ion	Ratio	Lower	Upper
75	100		
110	8.1	16.3	48.9#
77	0.0	25.0	37.4#

Instrument :
MSVOA_U
ClientSampleId :
TRIP-BLANK



#38

Carbon Tetrachloride

Concen: 6.514 ug/l

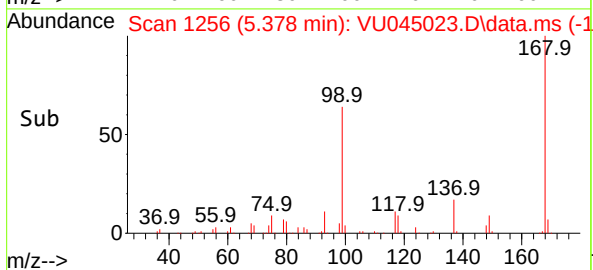
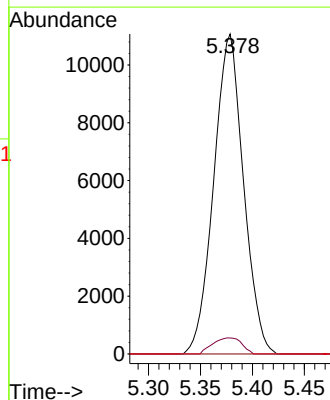
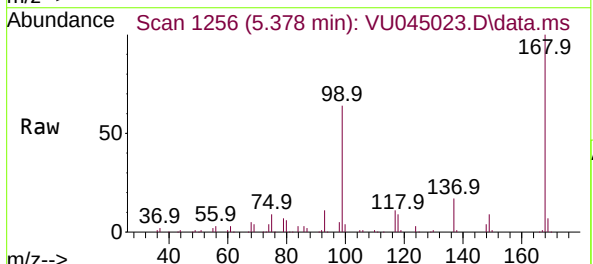
RT: 5.378 min Scan# 1256

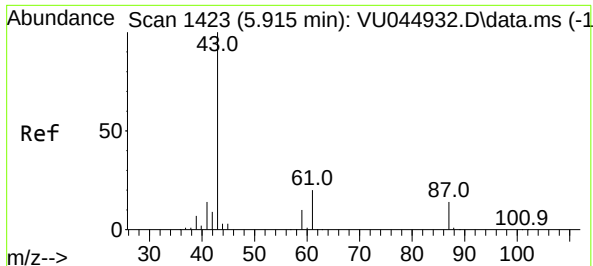
Delta R.T. -0.148 min

Lab File: VU045023.D

Acq: 30 Sep 2021 03:51

Tgt Ion:	117	Resp:	22030
Ion	Ratio	Lower	Upper
117	100		
119	5.0	77.4	116.2#
121	0.0	24.5	36.7#



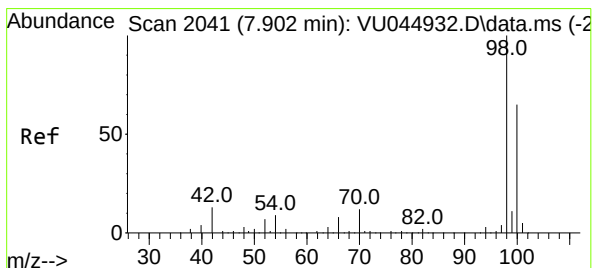
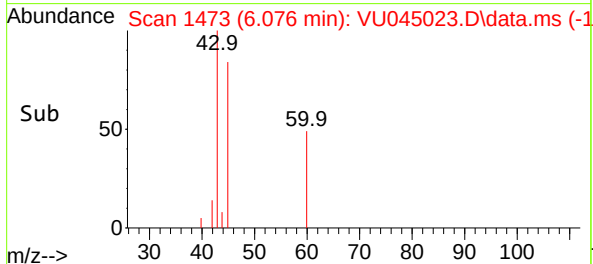
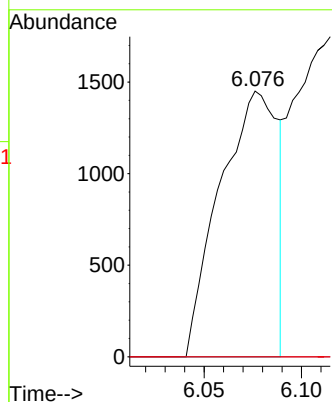
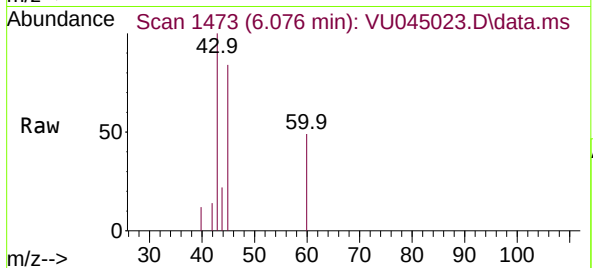


#43

Isopropyl Acetate
 Concen: 0.385 ug/l
 RT: 6.076 min Scan# 1473
 Delta R.T. 0.161 min
 Lab File: VU045023.D
 Acq: 30 Sep 2021 03:51

Instrument :
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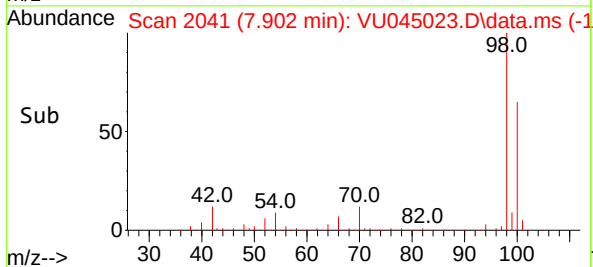
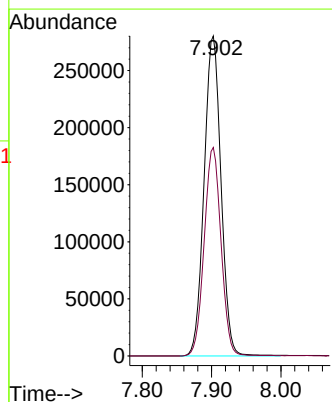
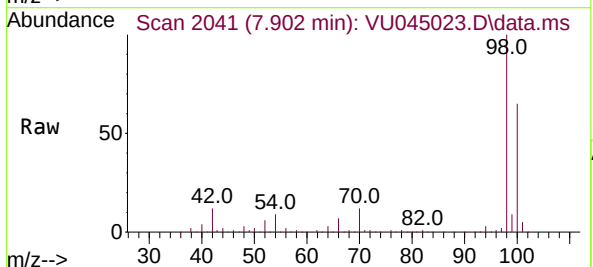
Tgt Ion: 43 Resp: 2997
 Ion Ratio Lower Upper
 43 100
 61 0.0 16.1 24.1#
 87 0.0 10.3 15.5#

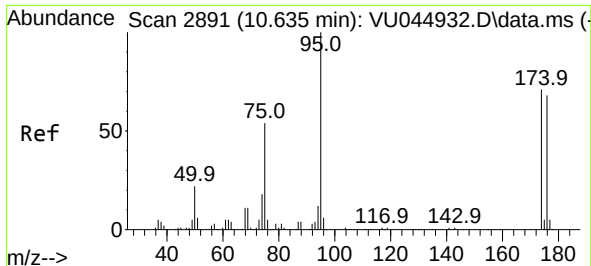


#50

Toluene-d8
 Concen: 50.917 ug/l
 RT: 7.902 min Scan# 2041
 Delta R.T. 0.000 min
 Lab File: VU045023.D
 Acq: 30 Sep 2021 03:51

Tgt Ion: 98 Resp: 474314
 Ion Ratio Lower Upper
 98 100
 100 65.0 52.5 78.7

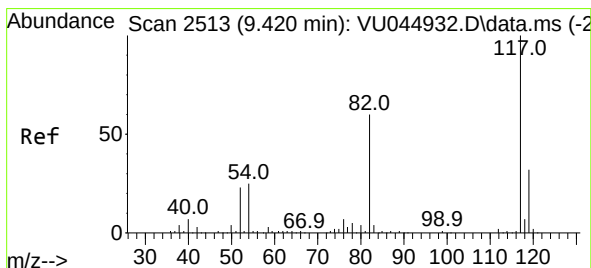
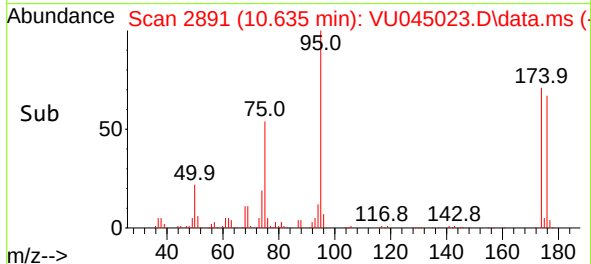
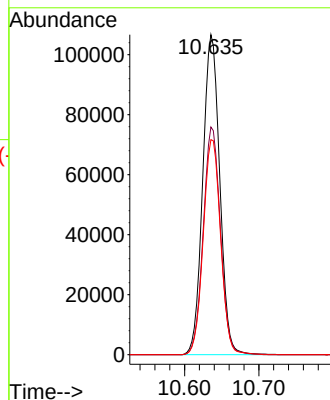
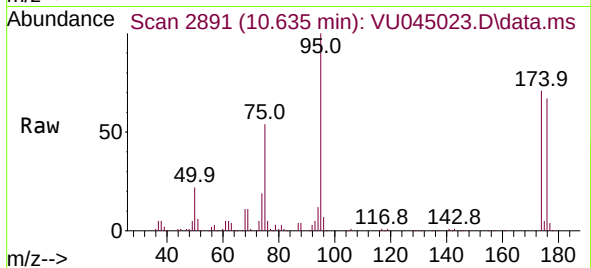




#62
4-Bromofluorobenzene
Concen: 44.037 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. 0.000 min
Lab File: VU045023.D
Acq: 30 Sep 2021 03:51

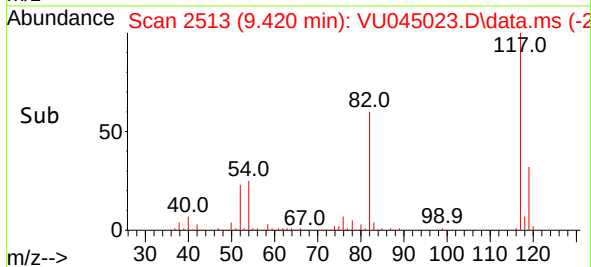
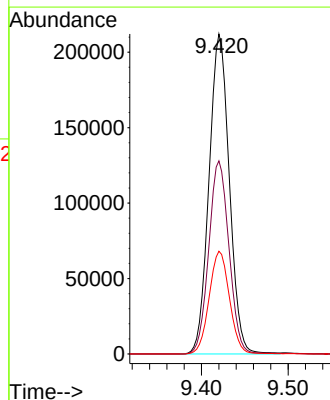
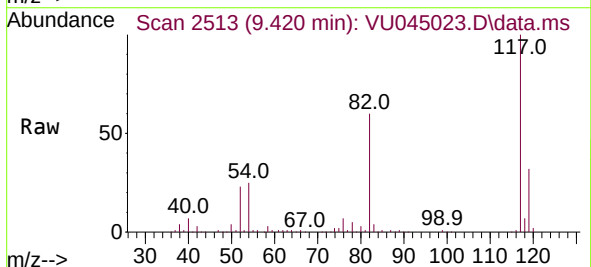
Instrument :
MSVOA_U
ClientSampleId :
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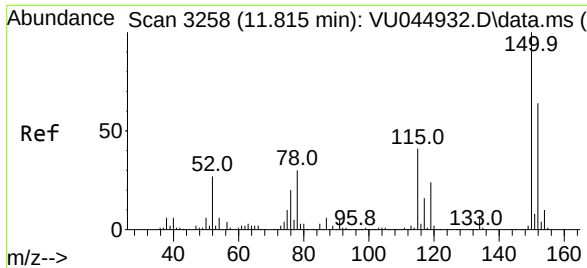
Tgt Ion: 95 Resp: 169362
Ion Ratio Lower Upper
95 100
174 71.9 0.0 146.6
176 68.6 0.0 141.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045023.D
Acq: 30 Sep 2021 03:51

Tgt Ion: 117 Resp: 345013
Ion Ratio Lower Upper
117 100
82 60.4 47.8 71.8
119 32.1 25.8 38.6

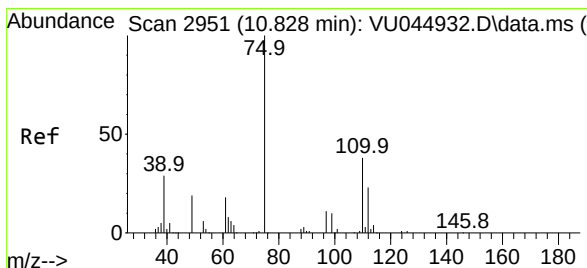
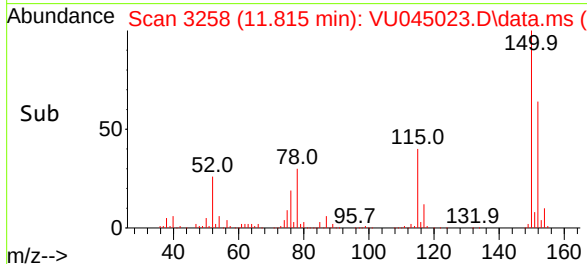
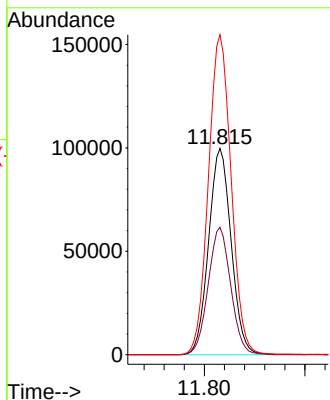
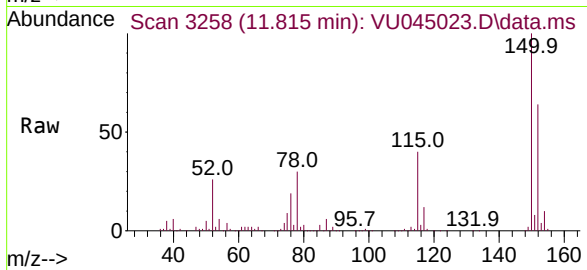




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.815 min Scan# 3258
 Delta R.T. 0.000 min
 Lab File: VU045023.D
 Acq: 30 Sep 2021 03:51

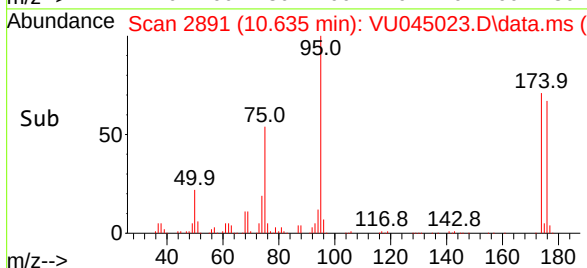
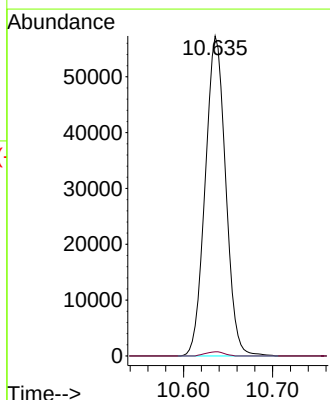
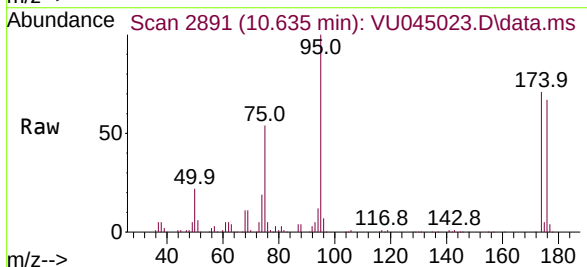
Instrument :
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 ClientSampleId :
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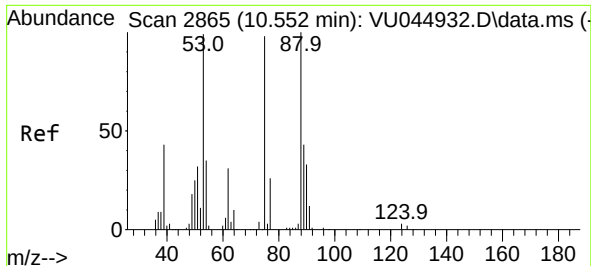
Tgt Ion:152 Resp: 155454
 Ion Ratio Lower Upper
 152 100
 115 61.6 43.5 130.7
 150 156.4 0.0 350.0



#76
 1,2,3-Trichloropropane
 Concen: 20.105 ug/l
 RT: 10.635 min Scan# 2891
 Delta R.T. -0.193 min
 Lab File: VU045023.D
 Acq: 30 Sep 2021 03:51

Tgt Ion: 75 Resp: 91163
 Ion Ratio Lower Upper
 75 100
 77 1.2 17.9 53.7#

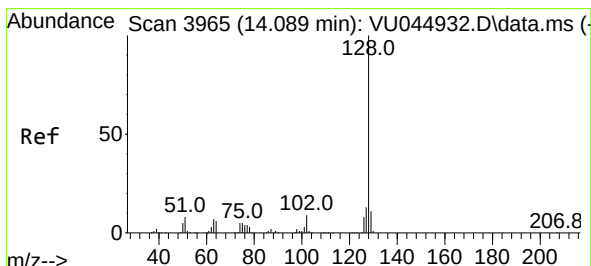
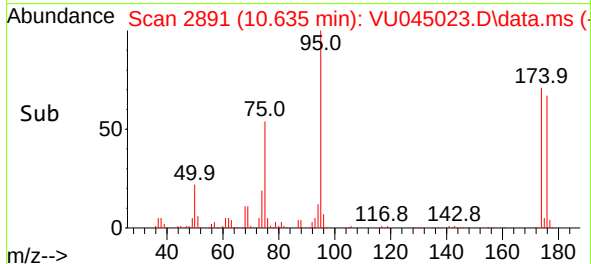
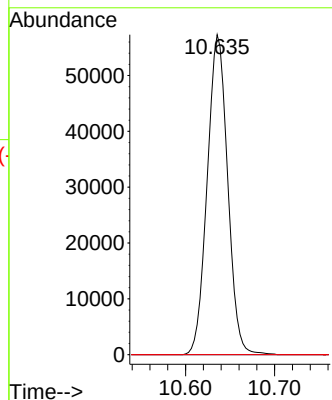
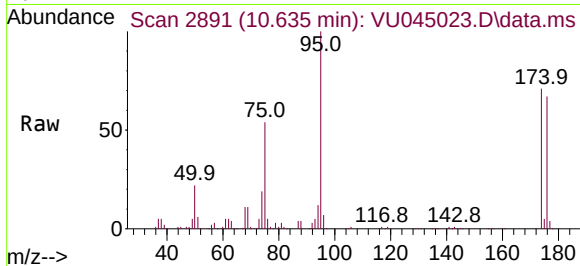




#81
trans-1,4-Dichloro-2-butene
Concen: 55.795 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. 0.083 min
Lab File: VU045023.D
Acq: 30 Sep 2021 03:51

Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion: 75 Resp: 91163
Ion Ratio Lower Upper
75 100
53 0.0 82.0 123.0#
89 0.0 34.2 51.4#



#95
Naphthalene
Concen: 0.228 ug/l
RT: 14.095 min Scan# 3967
Delta R.T. 0.006 min
Lab File: VU045023.D
Acq: 30 Sep 2021 03:51

Tgt Ion: 128 Resp: 2610
Ion Ratio Lower Upper
128 100
127 9.6 10.4 15.6#
129 5.6 8.6 13.0#

