

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU093021\
 Data File : VU045045.D
 Acq On : 30 Sep 2021 14:30
 Operator : SY/MD
 Sample : M3908-04
 Misc : 6.05g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 30 16:08:10 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)

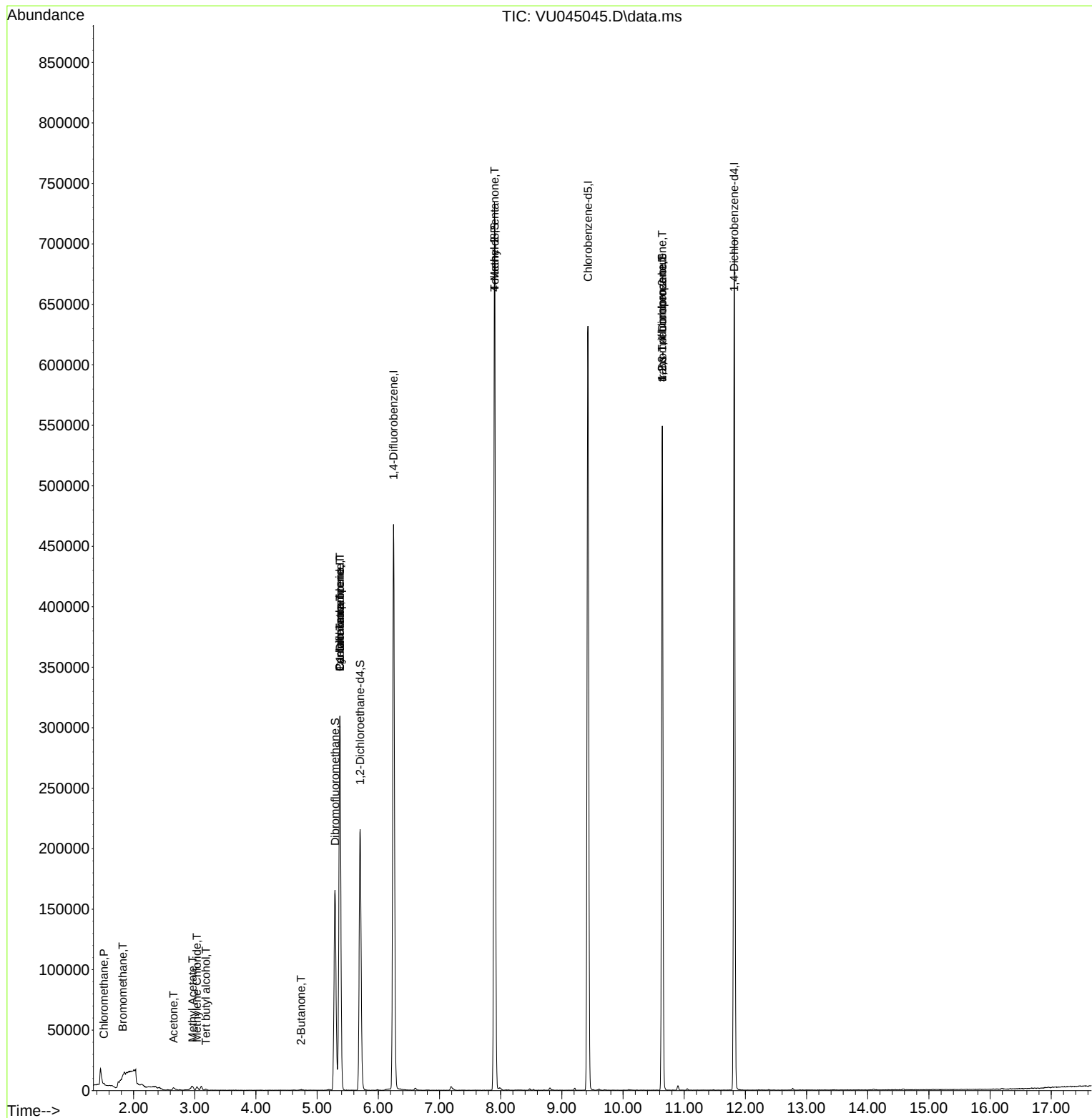
Internal Standards						
1) Pentafluorobenzene	5.372	168	212087	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	388484	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.427	117	369564	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	170582	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	175206	49.627	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.260%
35) Dibromofluoromethane	5.292	113	117164	47.809	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.620%
50) Toluene-d8	7.903	98	493229	50.937	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.880%
62) 4-Bromofluorobenzene	10.642	95	184336	46.111	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.220%
Target Compounds						
					Qvalue	
3) Chloromethane	1.517	50	1037	0.305	ug/l	95
5) Bromomethane	1.822	94	445	0.334	ug/l	94
11) Tert butyl alcohol	3.183	59	643	0.635	ug/l #	72
16) Acetone	2.652	43	3335	1.591	ug/l	91
18) Methyl Acetate	2.964	43	5301	0.865	ug/l	93
20) Methylene Chloride	3.035	84	1368	0.433	ug/l	90
25) 2-Butanone	4.739	43	1035	0.348	ug/l #	48
31) Cyclohexane	5.372	56	5534	1.032	ug/l #	1
36) 1,1-Dichloropropene	5.372	75	20322	5.002	ug/l #	50
38) Carbon Tetrachloride	5.372	117	22477	6.394	ug/l #	15
51) 4-Methyl-2-Pentanone	7.903	43	2256	0.383	ug/l #	1
76) 1,2,3-Trichloropropane	10.642	75	100231	20.145	ug/l #	41
81) trans-1,4-Dichloro-2-b...	10.642	75	100231	55.905	ug/l #	9

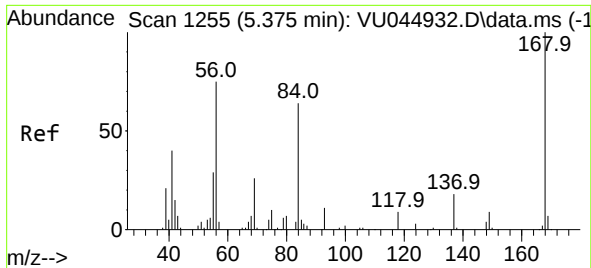
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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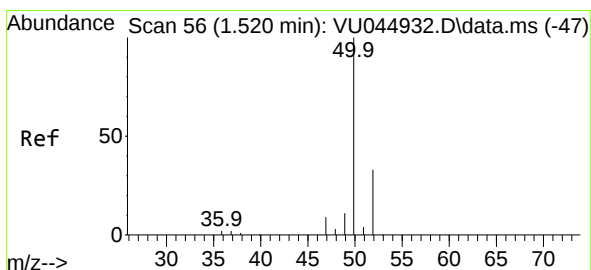
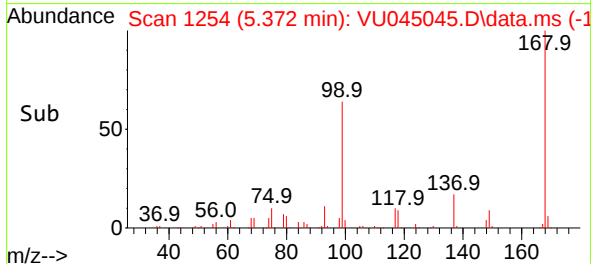
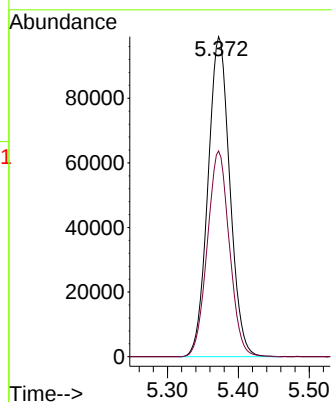
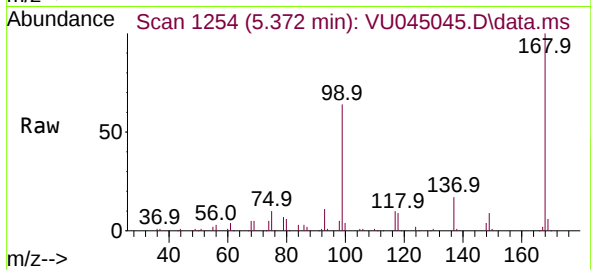




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 1254
Delta R.T. -0.003 min
Lab File: VU045045.D
Acq: 30 Sep 2021 14:30

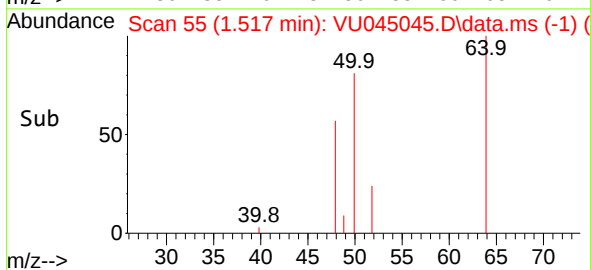
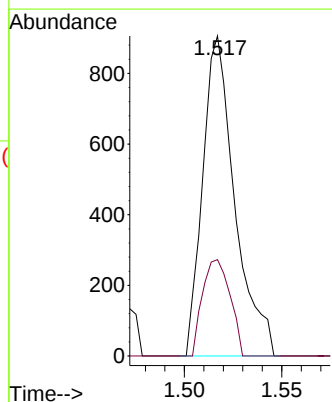
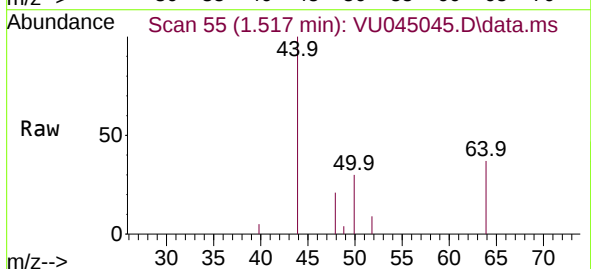
Instrument :
MSVOA_U
ClientSampleId :

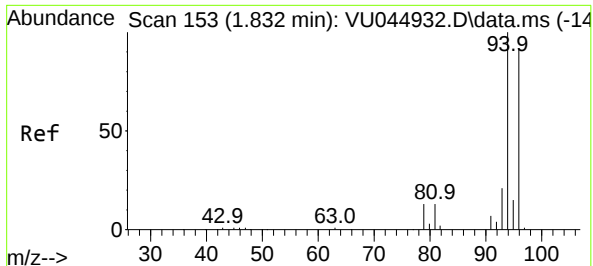
Tgt Ion:168 Resp: 212087
Ion Ratio Lower Upper
168 100
99 64.3 51.4 77.0



#3
Chloromethane
Concen: 0.305 ug/l
RT: 1.517 min Scan# 55
Delta R.T. -0.003 min
Lab File: VU045045.D
Acq: 30 Sep 2021 14:30

Tgt Ion: 50 Resp: 1037
Ion Ratio Lower Upper
50 100
52 30.1 26.3 39.5





#5

Bromomethane

Concen: 0.334 ug/l

RT: 1.822 min Scan# 150

Delta R.T. -0.010 min

Lab File: VU045045.D

Acq: 30 Sep 2021 14:30

Tgt Ion: 94 Resp: 445

Ion Ratio Lower Upper

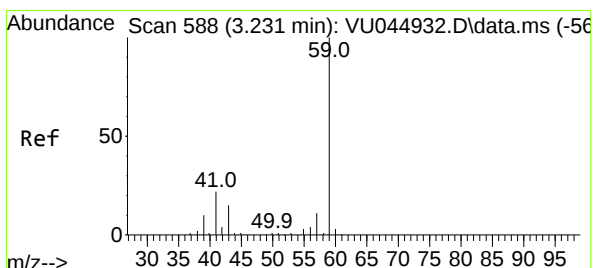
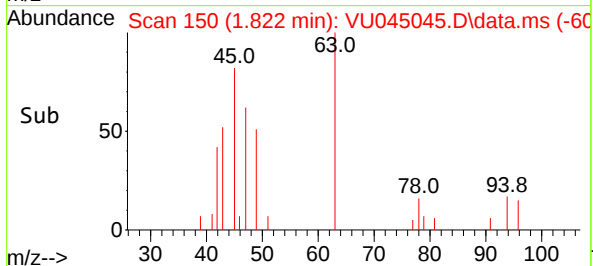
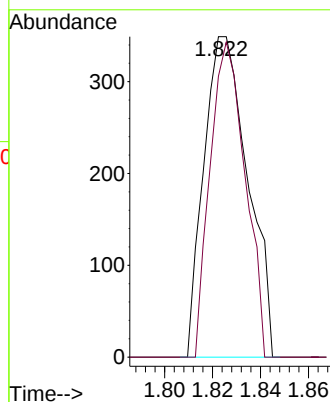
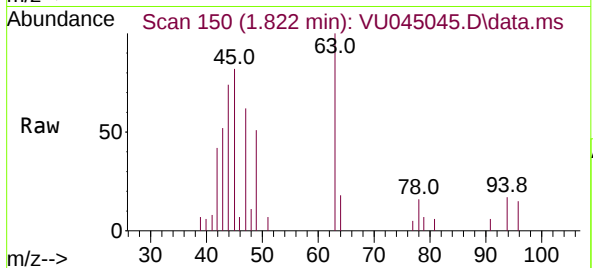
94 100

96 87.7 74.5 111.7

Instrument :

MSVOA_U

ClientSampleId :



#11

Tert butyl alcohol

Concen: 0.635 ug/l

RT: 3.183 min Scan# 573

Delta R.T. -0.048 min

Lab File: VU045045.D

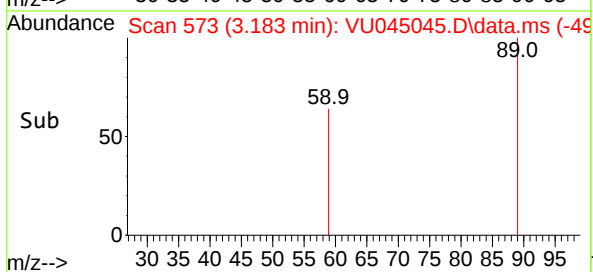
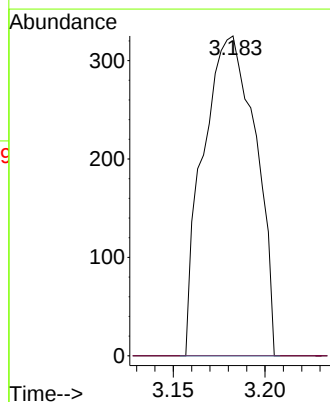
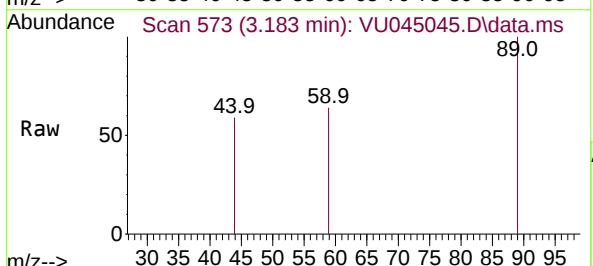
Acq: 30 Sep 2021 14:30

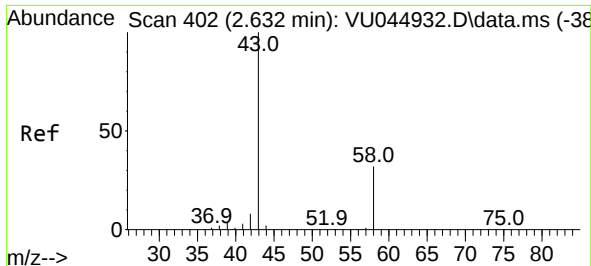
Tgt Ion: 59 Resp: 643

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#

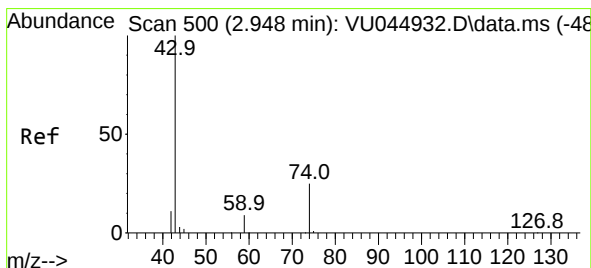
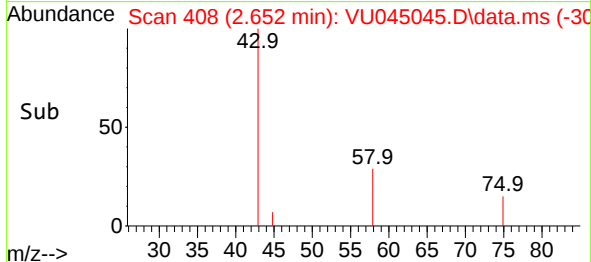
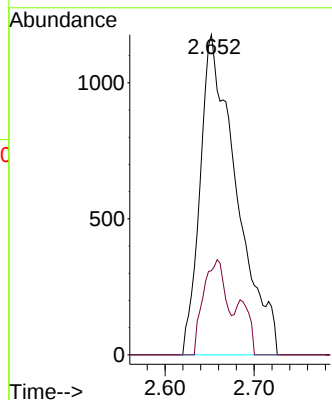
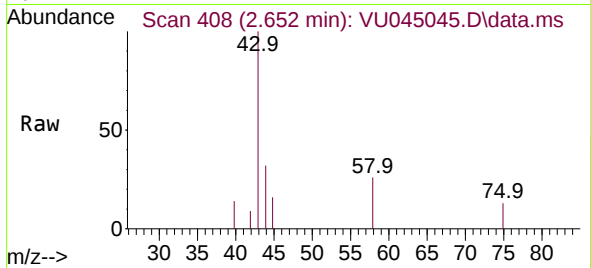




#16
Acetone
Concen: 1.591 ug/l
RT: 2.652 min Scan# 408
Delta R.T. 0.020 min
Lab File: VU045045.D
Acq: 30 Sep 2021 14:30

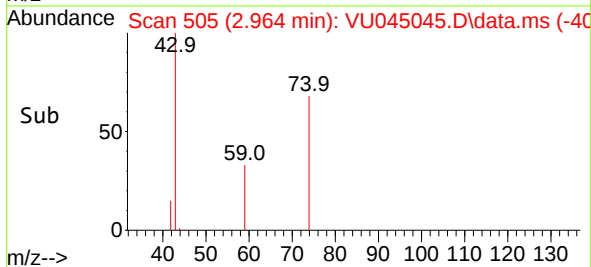
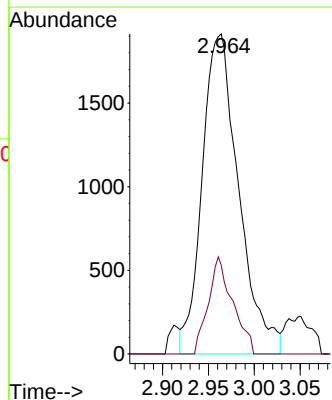
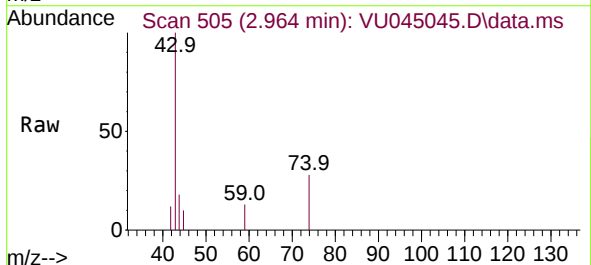
Instrument :
MSVOA_U
ClientSampled :

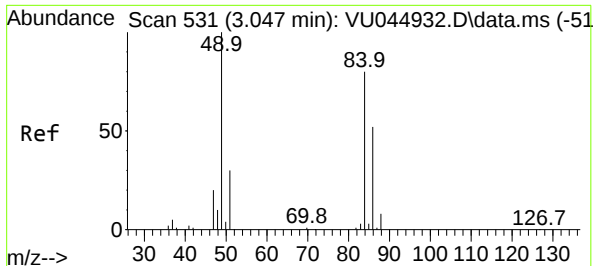
Tgt Ion: 43 Resp: 3335
Ion Ratio Lower Upper
43 100
58 26.3 25.2 37.8



#18
Methyl Acetate
Concen: 0.865 ug/l
RT: 2.964 min Scan# 505
Delta R.T. 0.016 min
Lab File: VU045045.D
Acq: 30 Sep 2021 14:30

Tgt Ion: 43 Resp: 5301
Ion Ratio Lower Upper
43 100
74 20.3 19.0 28.6

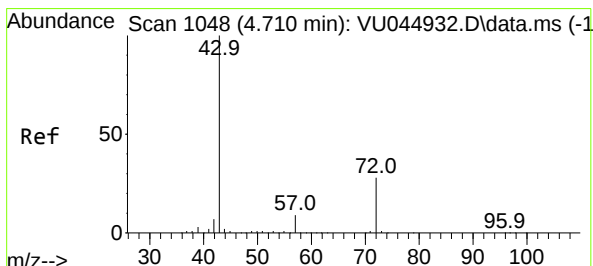
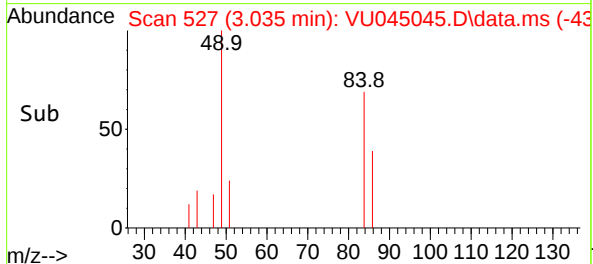
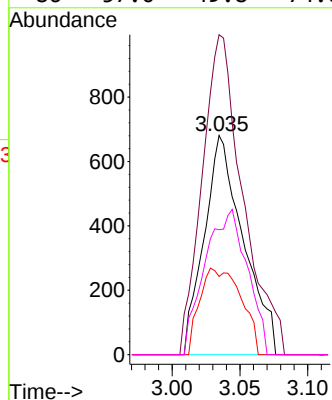
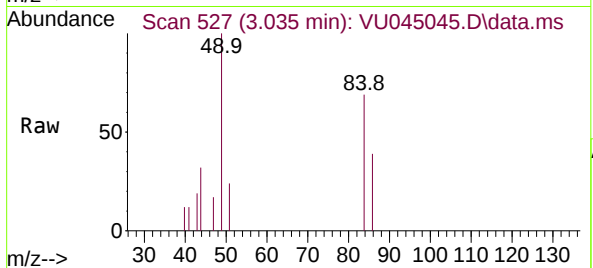




#20
Methylene Chloride
Concen: 0.433 ug/l
RT: 3.035 min Scan# 527
Delta R.T. -0.012 min
Lab File: VU045045.D
Acq: 30 Sep 2021 14:30

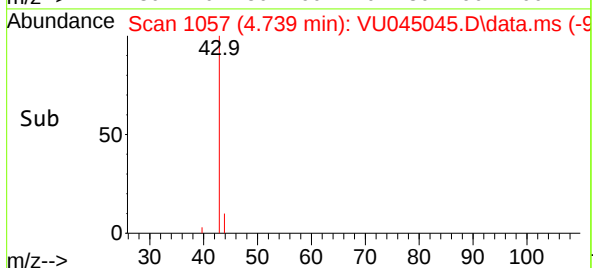
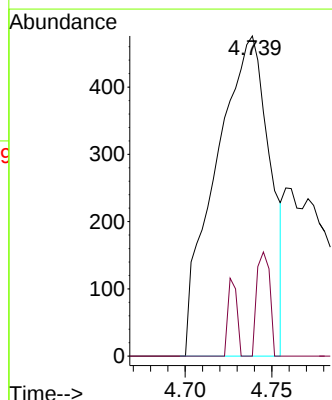
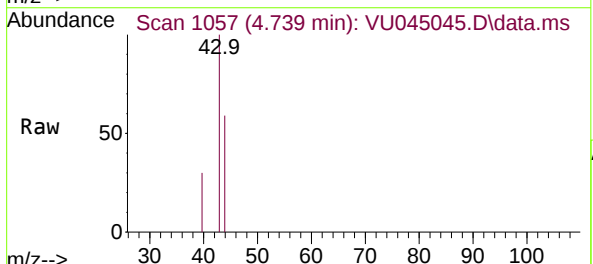
Instrument :
MSVOA_U
ClientSampled :

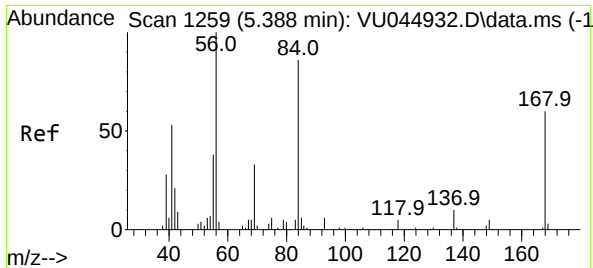
Tgt Ion:	84	Resp:	1368
Ion	Ratio	Lower	Upper
84	100		
49	146.0	104.9	157.3
51	35.7	31.8	47.8
86	57.0	49.8	74.6



#25
2-Butanone
Concen: 0.348 ug/l
RT: 4.739 min Scan# 1057
Delta R.T. 0.029 min
Lab File: VU045045.D
Acq: 30 Sep 2021 14:30

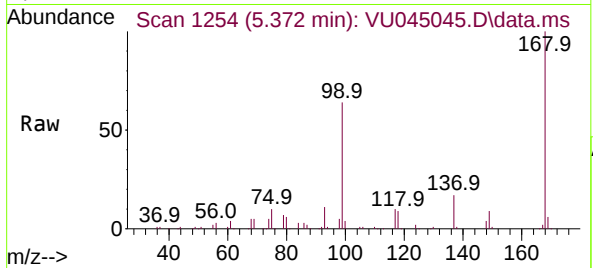
Tgt Ion:	43	Resp:	1035
Ion	Ratio	Lower	Upper
43	100		
72	0.0	21.3	31.9#



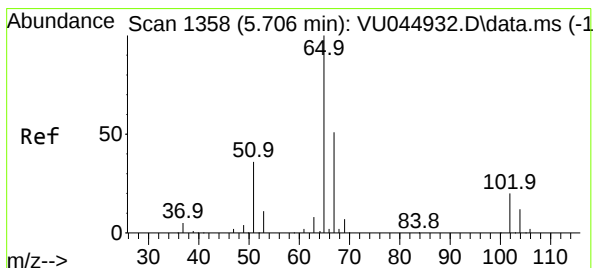
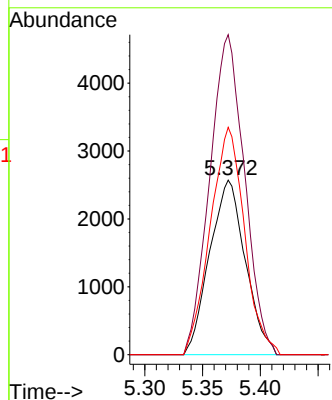
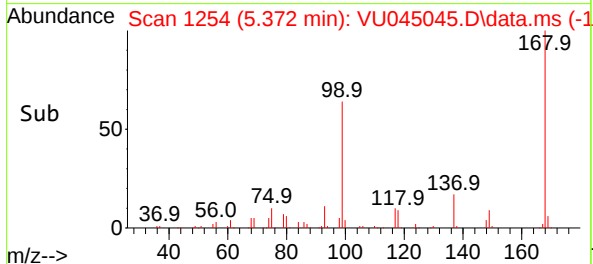


#31
Cyclohexane
Concen: 1.032 ug/l
RT: 5.372 min Scan# 1254
Delta R.T. -0.016 min
Lab File: VU045045.D
Acq: 30 Sep 2021 14:30

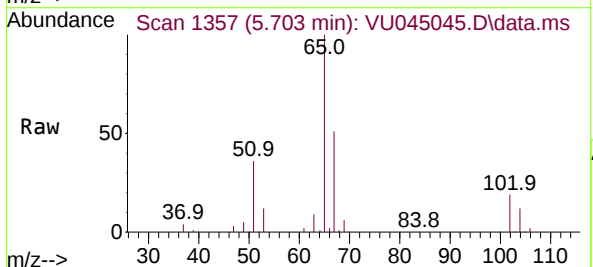
Instrument :
MSVOA_U
ClientSampled :



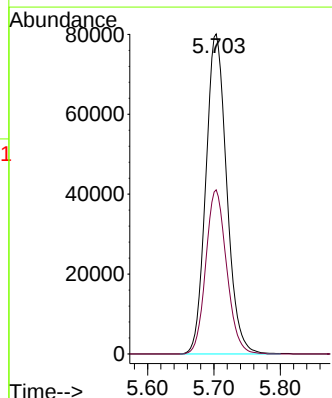
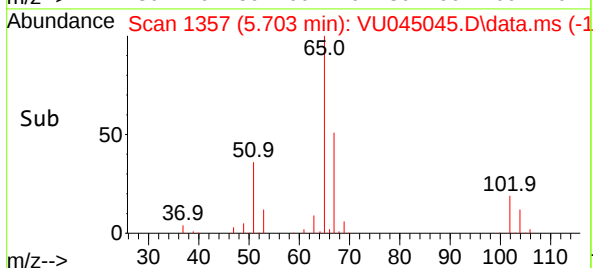
Tgt Ion: 56 Resp: 5534
Ion Ratio Lower Upper
56 100
69 183.3 25.2 37.8#
84 130.2 66.4 99.6#

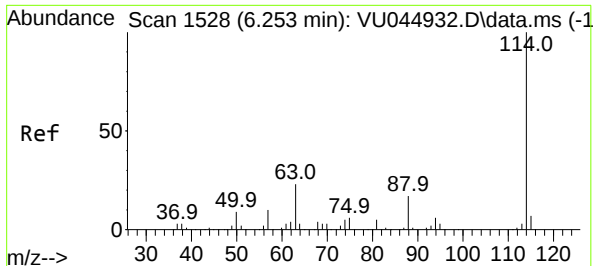


#33
1,2-Dichloroethane-d4
Concen: 49.627 ug/l
RT: 5.703 min Scan# 1357
Delta R.T. -0.003 min
Lab File: VU045045.D
Acq: 30 Sep 2021 14:30



Tgt Ion: 65 Resp: 175206
Ion Ratio Lower Upper
65 100
67 51.2 0.0 104.8



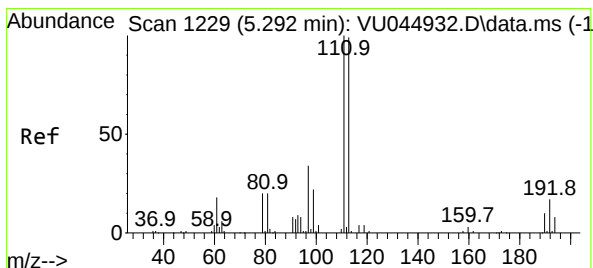
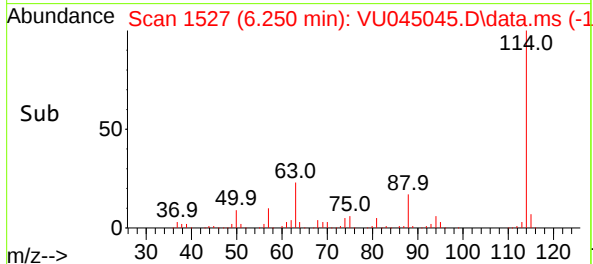
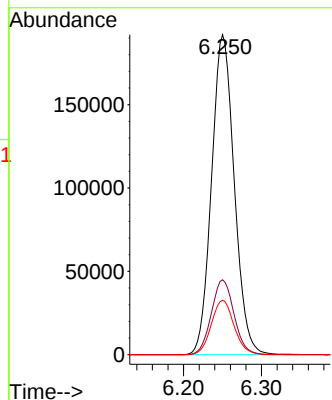
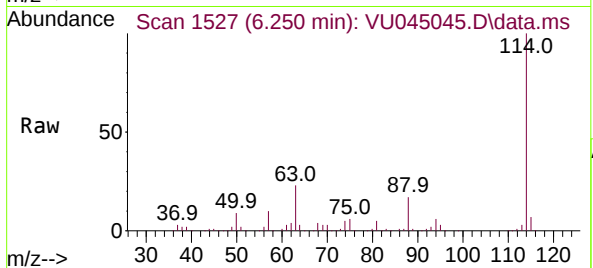


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.250 min Scan# 1527
Delta R.T. -0.003 min
Lab File: VU045045.D
Acq: 30 Sep 2021 14:30

Instrument :
MSVOA_U
ClientSampleId :

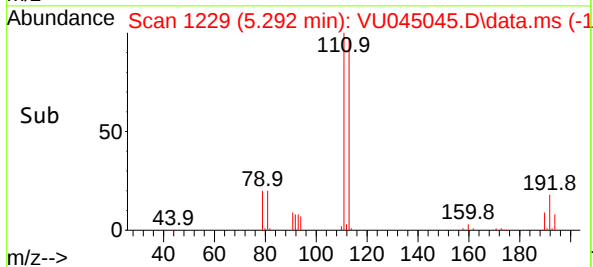
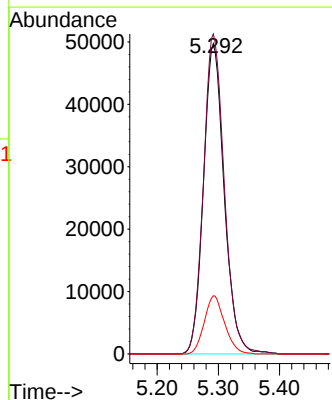
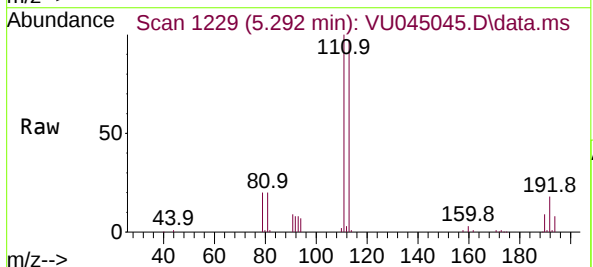
Tgt Ion:114 Resp: 388484
Ion Ratio Lower Upper
114 100
63 23.4 0.0 47.8
88 17.0 0.0 32.8

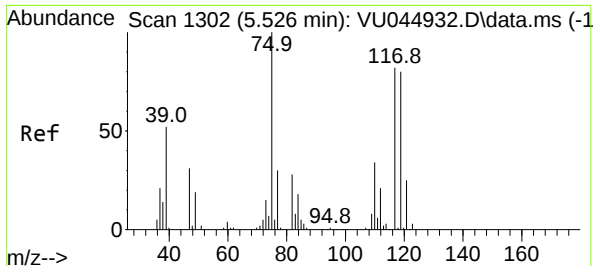


#35

Dibromofluoromethane
Concen: 47.809 ug/l
RT: 5.292 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VU045045.D
Acq: 30 Sep 2021 14:30

Tgt Ion:113 Resp: 117164
Ion Ratio Lower Upper
113 100
111 103.7 84.1 126.1
192 18.4 14.8 22.2



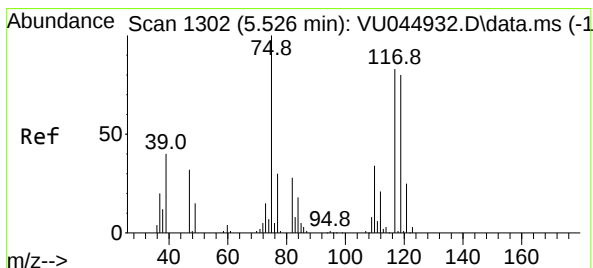
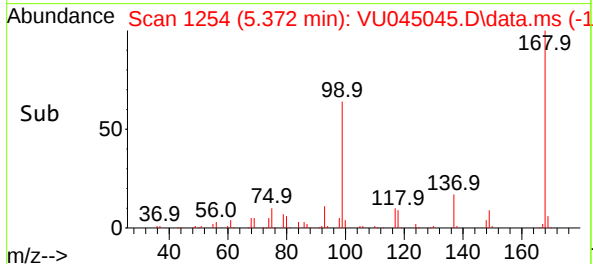
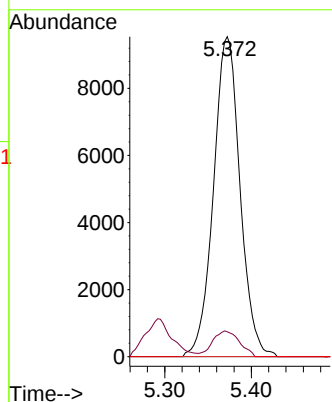
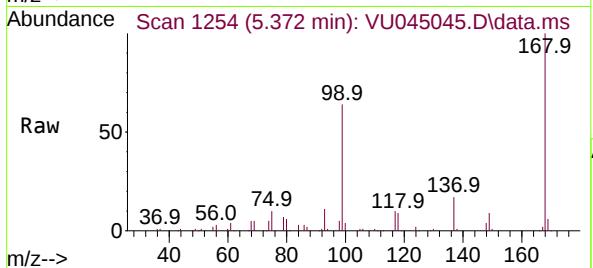


#36

1,1-Dichloropropene
Concen: 5.002 ug/l
RT: 5.372 min Scan# 1254
Delta R.T. -0.154 min
Lab File: VU045045.D
Acq: 30 Sep 2021 14:30

Instrument :
MSVOA_U
ClientSampleId :

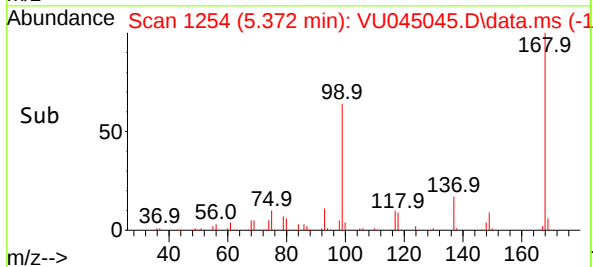
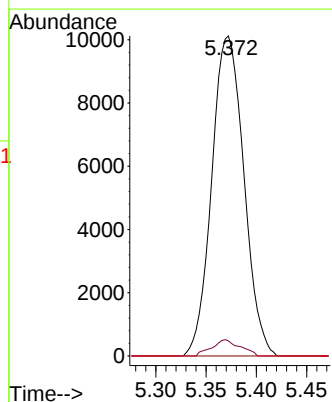
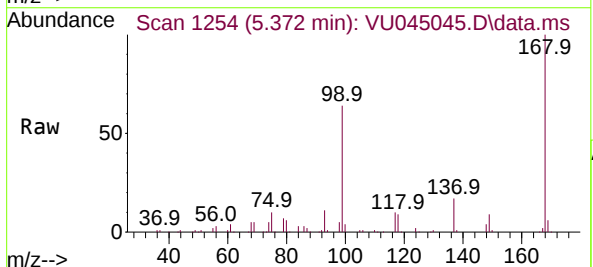
Tgt Ion: 75 Resp: 20322
Ion Ratio Lower Upper
75 100
110 8.2 16.3 48.9#
77 0.0 25.0 37.4#

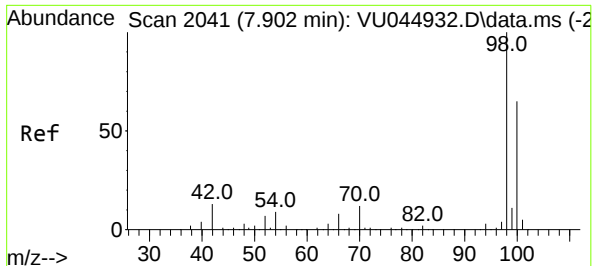


#38

Carbon Tetrachloride
Concen: 6.394 ug/l
RT: 5.372 min Scan# 1254
Delta R.T. -0.154 min
Lab File: VU045045.D
Acq: 30 Sep 2021 14:30

Tgt Ion:117 Resp: 22477
Ion Ratio Lower Upper
117 100
119 4.7 77.4 116.2#
121 0.0 24.5 36.7#





#50

Toluene-d8

Concen: 50.937 ug/l

RT: 7.903 min Scan# 2041

Delta R.T. 0.001 min

Lab File: VU045045.D

Acq: 30 Sep 2021 14:30

Tgt Ion: 98 Resp: 493229

Ion Ratio Lower Upper

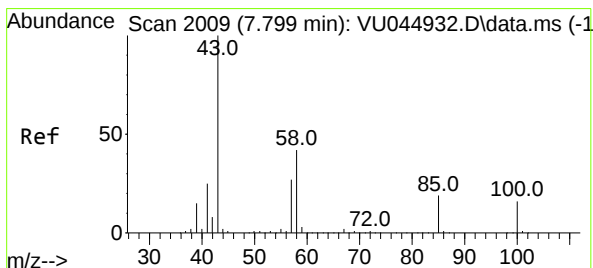
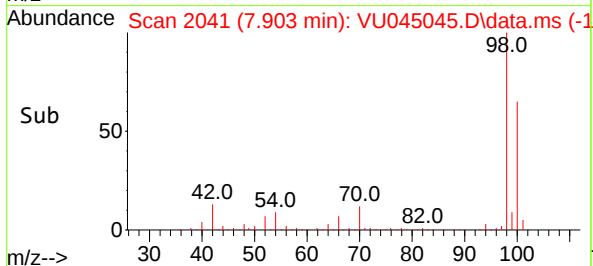
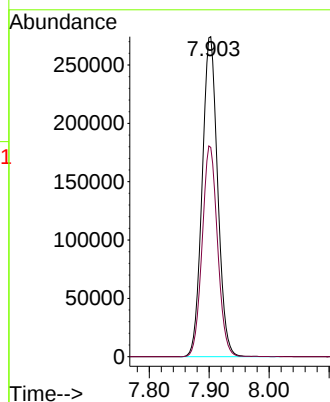
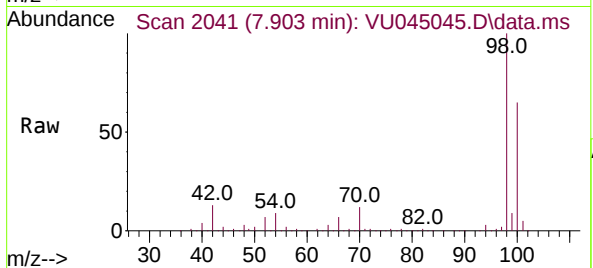
98 100

100 65.4 52.5 78.7

Instrument :

MSVOA_U

ClientSampled :



#51

4-Methyl-2-Pentanone

Concen: 0.383 ug/l

RT: 7.903 min Scan# 2041

Delta R.T. 0.104 min

Lab File: VU045045.D

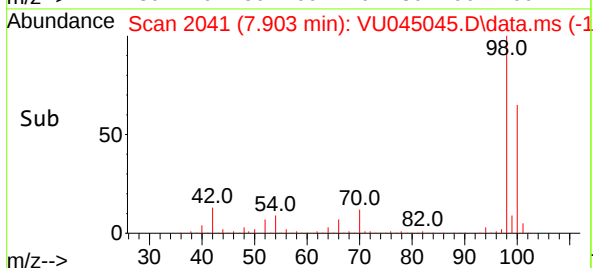
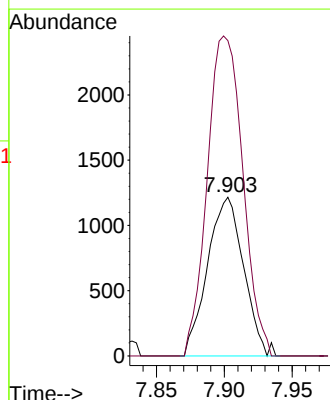
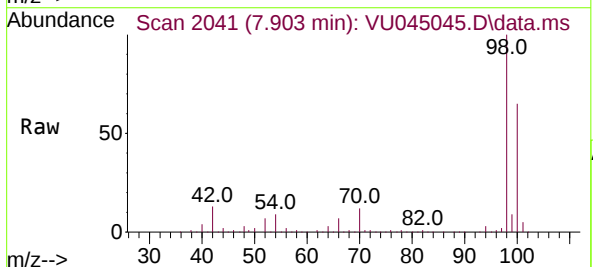
Acq: 30 Sep 2021 14:30

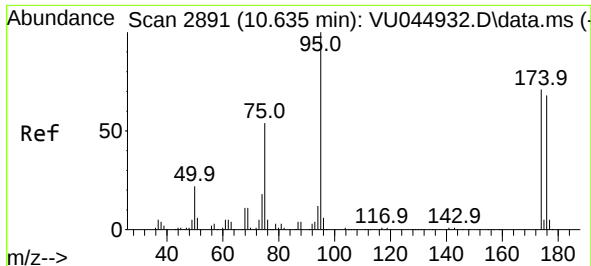
Tgt Ion: 43 Resp: 2256

Ion Ratio Lower Upper

43 100

58 199.1 32.4 48.6#

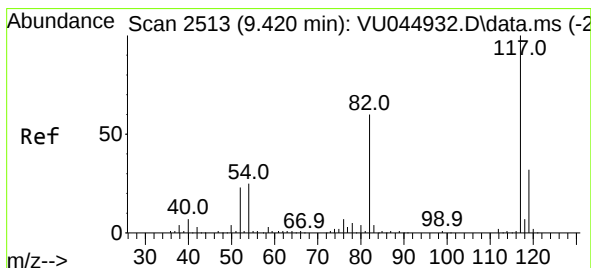
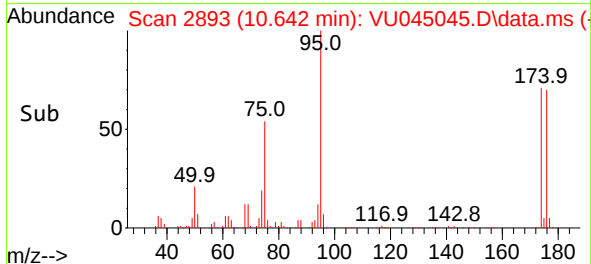
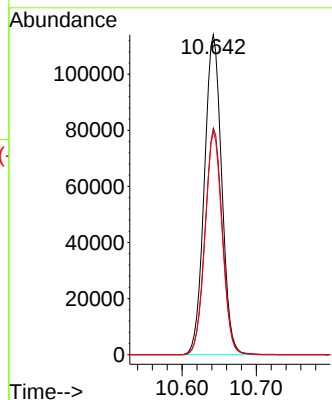
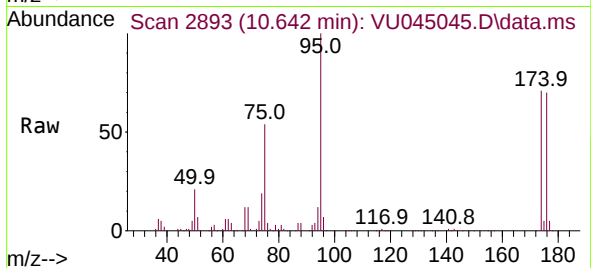




#62
4-Bromofluorobenzene
Concen: 46.111 ug/l
RT: 10.642 min Scan# 2893
Delta R.T. 0.007 min
Lab File: VU045045.D
Acq: 30 Sep 2021 14:30

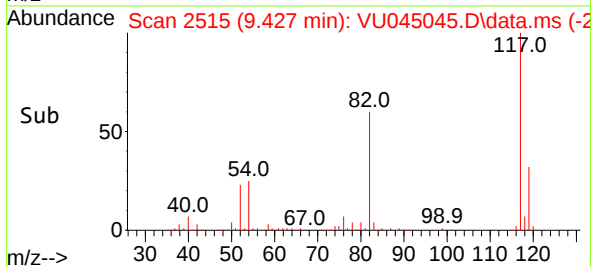
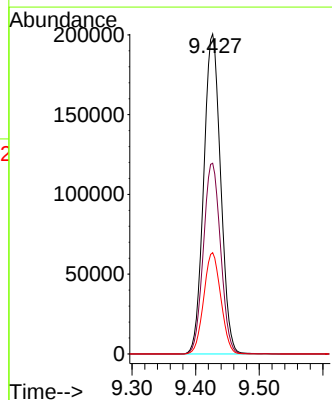
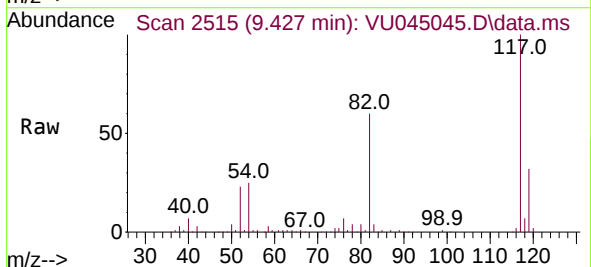
Instrument :
MSVOA_U
ClientSampleId :

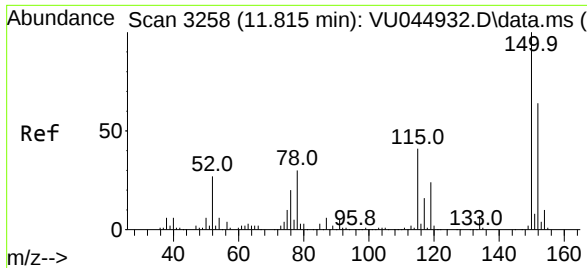
Tgt Ion: 95 Resp: 184336
Ion Ratio Lower Upper
95 100
174 70.9 0.0 146.6
176 68.9 0.0 141.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.427 min Scan# 2515
Delta R.T. 0.007 min
Lab File: VU045045.D
Acq: 30 Sep 2021 14:30

Tgt Ion: 117 Resp: 369564
Ion Ratio Lower Upper
117 100
82 59.6 47.8 71.8
119 31.6 25.8 38.6

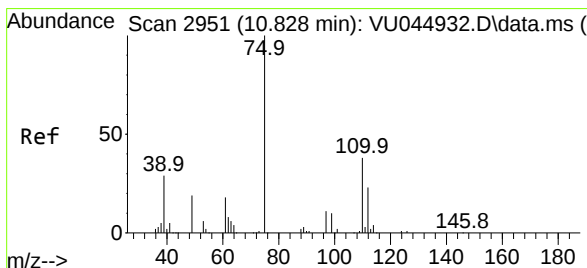
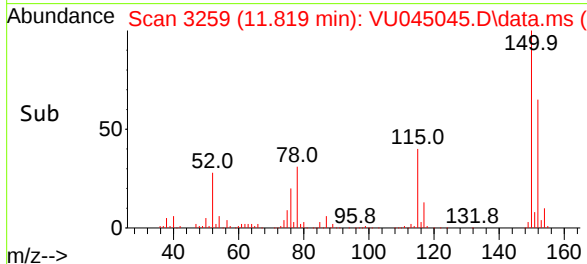
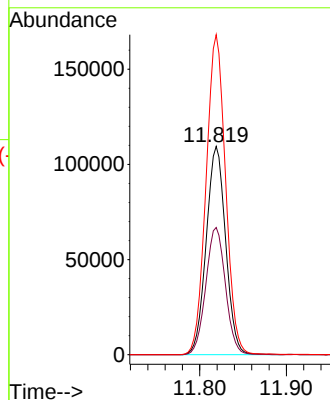
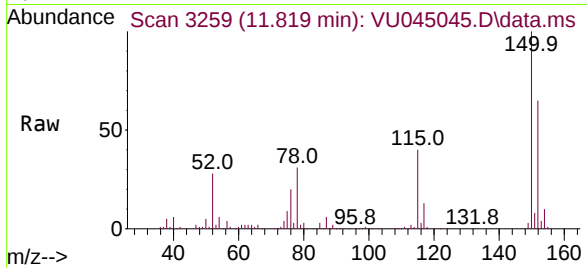




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.819 min Scan# 3259
 Delta R.T. 0.004 min
 Lab File: VU045045.D
 Acq: 30 Sep 2021 14:30

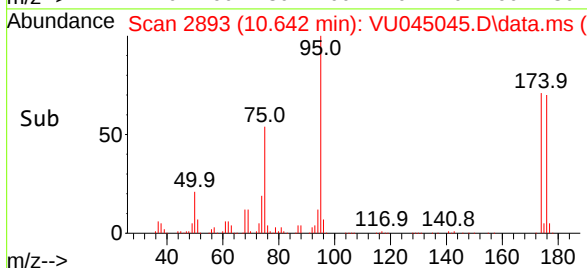
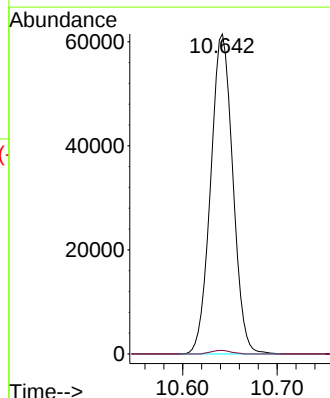
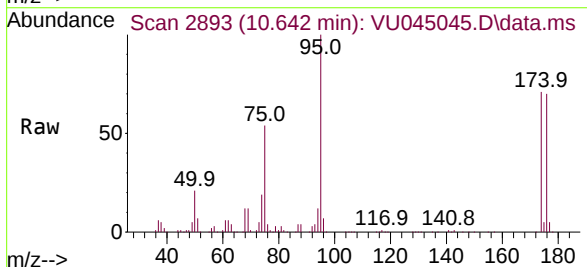
Instrument :
 MSVOA_U
 ClientSampled :

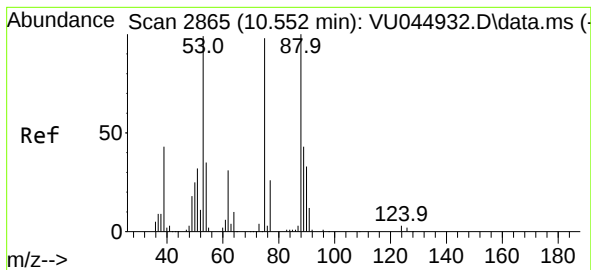
Tgt Ion:152 Resp: 170582
 Ion Ratio Lower Upper
 152 100
 115 61.7 43.5 130.7
 150 154.0 0.0 350.0



#76
 1,2,3-Trichloropropane
 Concen: 20.145 ug/l
 RT: 10.642 min Scan# 2893
 Delta R.T. -0.186 min
 Lab File: VU045045.D
 Acq: 30 Sep 2021 14:30

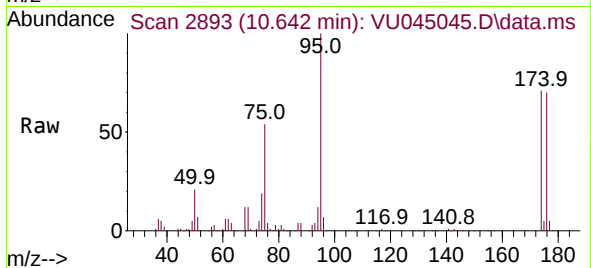
Tgt Ion: 75 Resp: 100231
 Ion Ratio Lower Upper
 75 100
 77 1.0 17.9 53.7#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 55.905 ug/l
 RT: 10.642 min Scan# 2893
 Delta R.T. 0.090 min
 Lab File: VU045045.D
 Acq: 30 Sep 2021 14:30

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 100231
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.0 123.0#
 89 0.0 34.2 51.4#

