

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111021\
 Data File : VU045696.D
 Acq On : 10 Nov 2021 18:26
 Operator : SY/MD
 Sample : PB140643ZHE#01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 11 02:31:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U110521W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 05 13:35:16 2021
 Response via : Initial Calibration

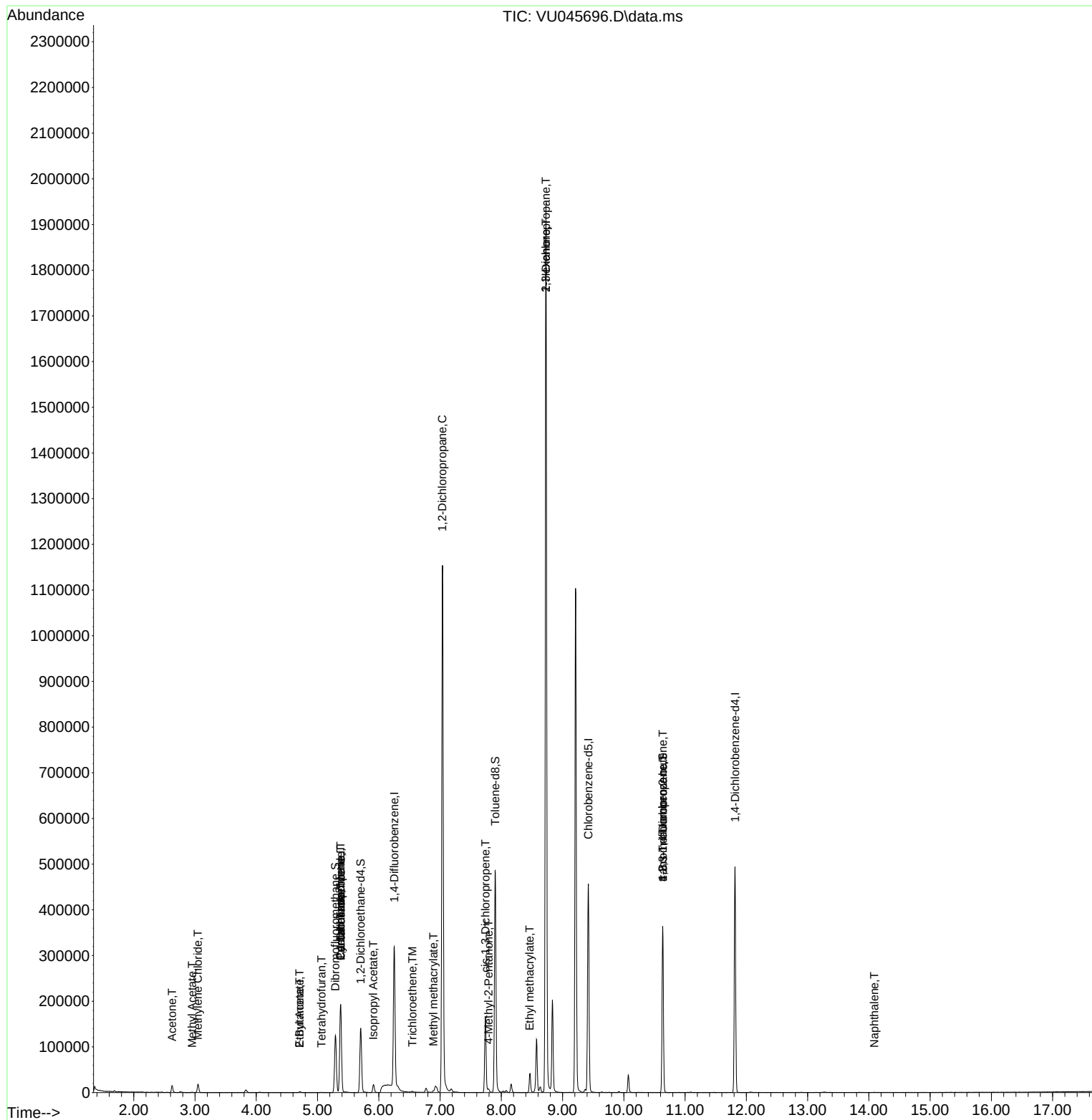
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.379	168	127602	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	241256	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	249324	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	120095	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	104882	54.884	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 109.760%	
35) Dibromofluoromethane	5.292	113	80457	49.950	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.900%	
50) Toluene-d8	7.899	98	320168	53.455	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 106.900%	
62) 4-Bromofluorobenzene	10.636	95	120024	49.973	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 99.940%	
Target Compounds						Qvalue
16) Acetone	2.626	43	16967	17.442	ug/l	96
18) Methyl Acetate	2.951	43	945	0.285	ug/l #	68
20) Methylene Chloride	3.047	84	8736	5.168	ug/l	98
25) 2-Butanone	4.707	43	3044	2.256	ug/l	93
29) Tetrahydrofuran	5.063	42	367	0.445	ug/l #	58
31) Cyclohexane	5.375	56	2941	1.055	ug/l #	1
36) 1,1-Dichloropropene	5.375	75	11531	4.902	ug/l #	51
37) Ethyl Acetate	4.707	43	3044	1.126	ug/l #	67
38) Carbon Tetrachloride	5.375	117	13933	5.875	ug/l #	17
43) Isopropyl Acetate	5.912	43	18454	4.465	ug/l	97
44) Trichloroethene	6.549	130	690	0.414	ug/l	92
45) 1,2-Dichloropropane	7.038	63	1549	0.841	ug/l #	43
48) Methyl methacrylate	6.893	41	5477	2.879	ug/l #	13
51) 4-Methyl-2-Pentanone	7.793	43	5030	1.845	ug/l #	85
54) cis-1,3-Dichloropropene	7.742	75	30144	10.192	ug/l #	61
56) Ethyl methacrylate	8.462	69	120	2.460	ug/l #	1
57) 1,3-Dichloropropane	8.729	76	19590	6.155	ug/l #	42
59) 2-Hexanone	8.729	43	252701	110.841	ug/l #	49
76) 1,2,3-Trichloropropane	10.636	75	64193	17.626	ug/l #	43
81) trans-1,4-Dichloro-2-b...	10.636	75	64193	57.278	ug/l #	12
95) Naphthalene	14.089	128	325	1.062	ug/l #	69

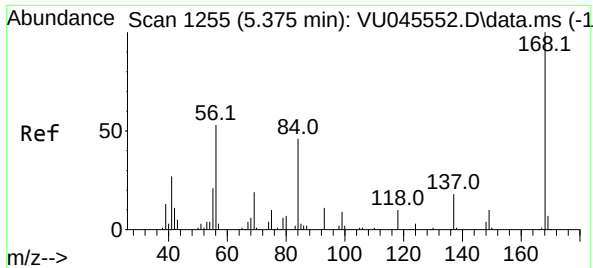
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111021\
Data File : VU045696.D
Acq On : 10 Nov 2021 18:26
Operator : SY/MD
Sample : PB140643ZHE#01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

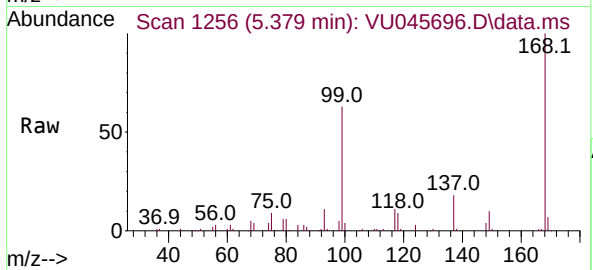
Quant Time: Nov 11 02:31:46 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U110521W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 05 13:35:16 2021
Response via : Initial Calibration



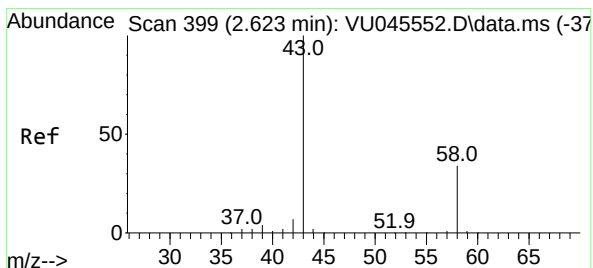
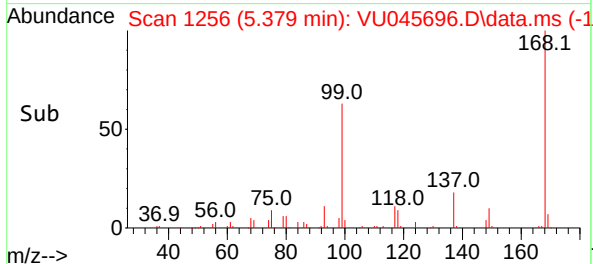
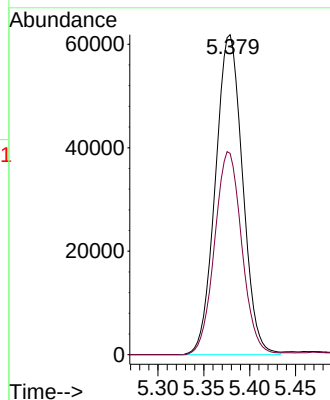


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.379 min Scan# 11
Delta R.T. 0.004 min
Lab File: VU045696.D
Acq: 10 Nov 2021 18:26

Instrument :
MSVOA_U
ClientSampleId :

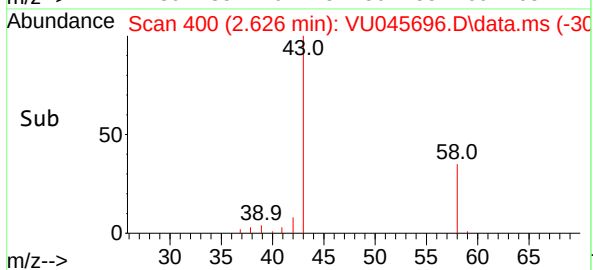
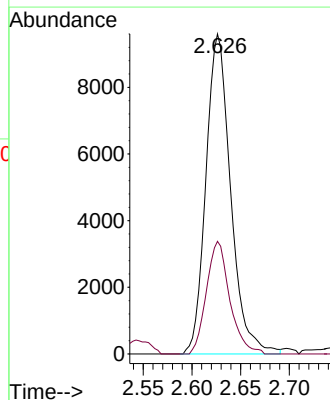
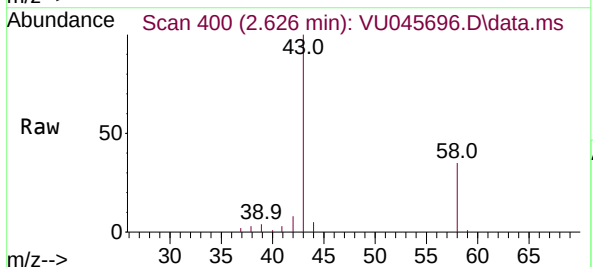


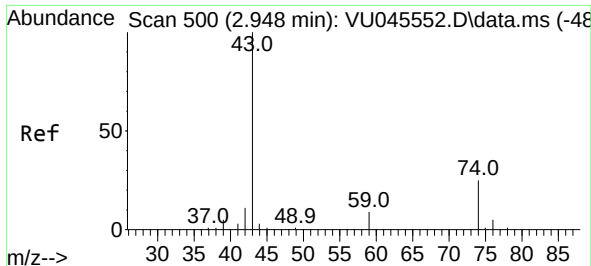
Tgt Ion:168 Resp: 127602
Ion Ratio Lower Upper
168 100
99 62.9 51.0 76.6



#16
Acetone
Concen: 17.442 ug/l
RT: 2.626 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU045696.D
Acq: 10 Nov 2021 18:26

Tgt Ion: 43 Resp: 16967
Ion Ratio Lower Upper
43 100
58 35.2 26.2 39.2

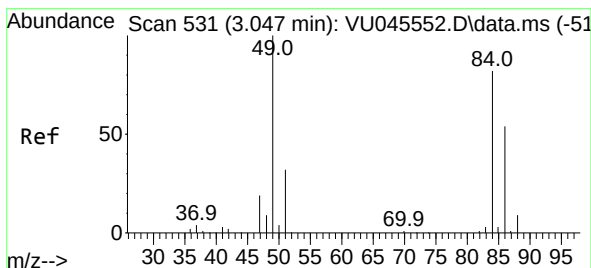
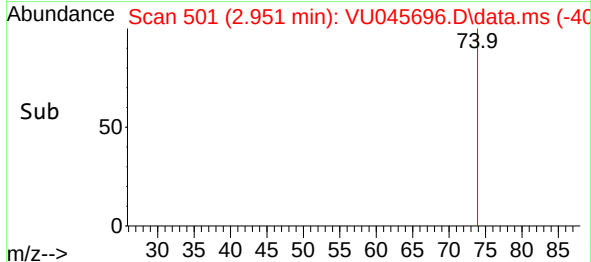
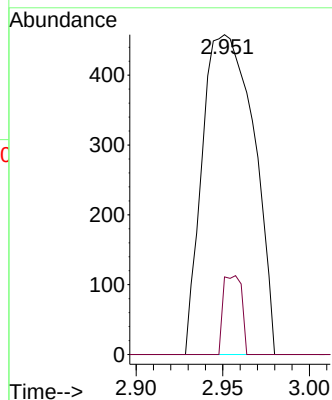
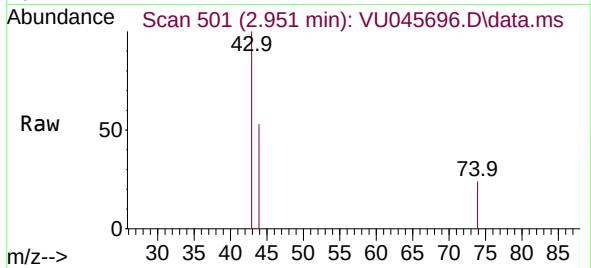




#18
Methyl Acetate
Concen: 0.285 ug/l
RT: 2.951 min Scan# 501
Delta R.T. 0.003 min
Lab File: VU045696.D
Acq: 10 Nov 2021 18:26

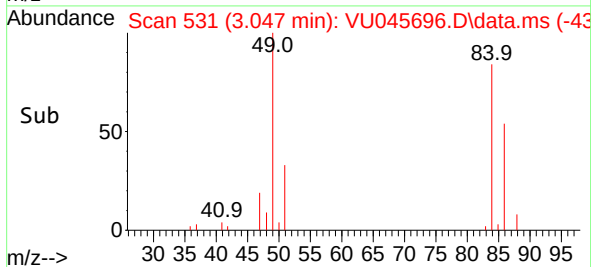
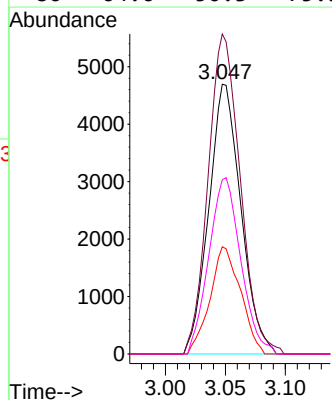
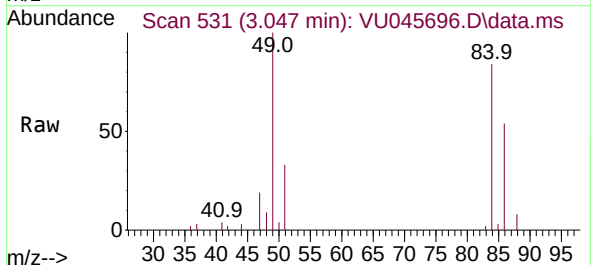
Instrument :
MSVOA_U
ClientSampleId :

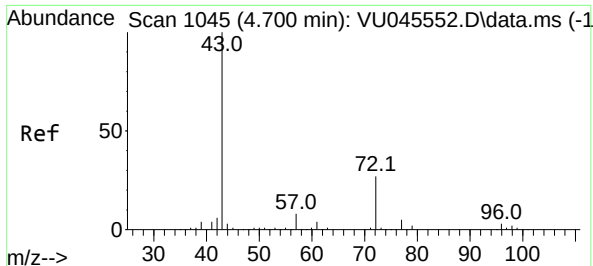
Tgt Ion: 43 Resp: 945
Ion Ratio Lower Upper
43 100
74 8.9 20.2 30.2#



#20
Methylene Chloride
Concen: 5.168 ug/l
RT: 3.047 min Scan# 531
Delta R.T. 0.000 min
Lab File: VU045696.D
Acq: 10 Nov 2021 18:26

Tgt Ion: 84 Resp: 8736
Ion Ratio Lower Upper
84 100
49 118.6 96.4 144.6
51 39.7 30.5 45.7
86 64.6 50.3 75.5





#25

2-Butanone

Concen: 2.256 ug/l

RT: 4.707 min Scan# 1104

Delta R.T. 0.006 min

Lab File: VU045696.D

Acq: 10 Nov 2021 18:26

Instrument :

MSVOA_U

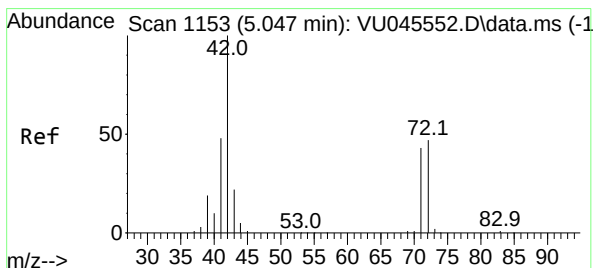
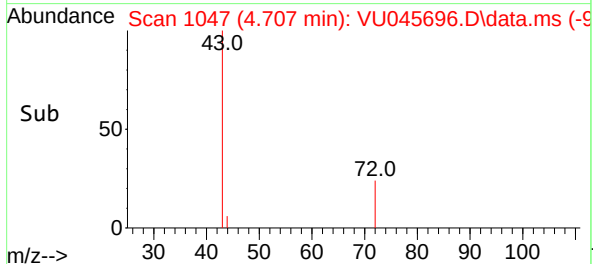
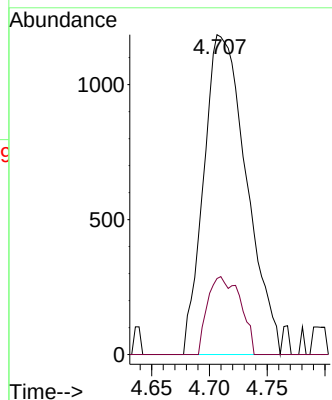
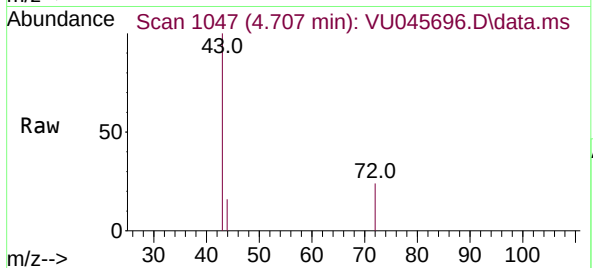
ClientSampleId :

Tgt Ion: 43 Resp: 3044

Ion Ratio Lower Upper

43 100

72 23.8 22.0 33.0



#29

Tetrahydrofuran

Concen: 0.445 ug/l

RT: 5.063 min Scan# 1158

Delta R.T. 0.016 min

Lab File: VU045696.D

Acq: 10 Nov 2021 18:26

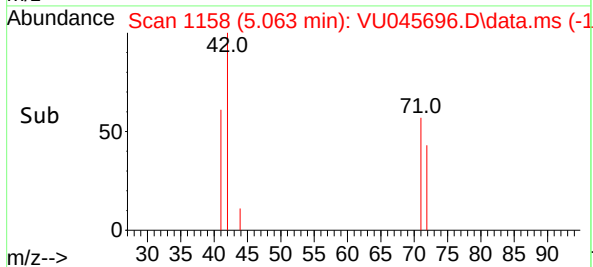
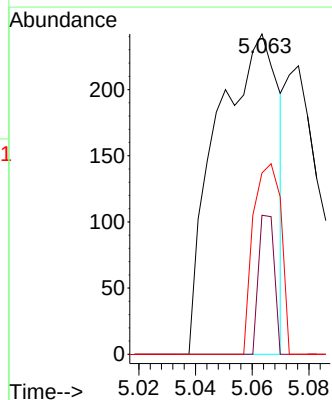
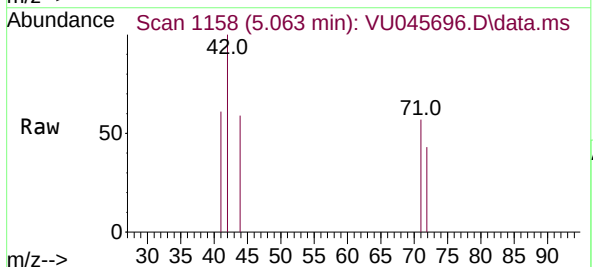
Tgt Ion: 42 Resp: 367

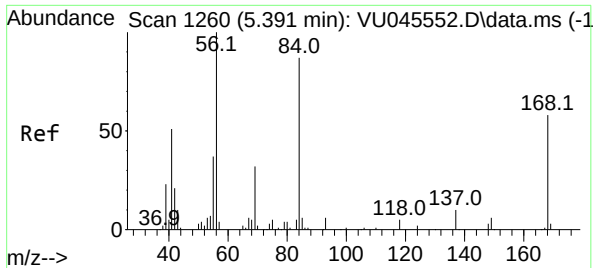
Ion Ratio Lower Upper

42 100

72 10.9 38.2 57.4#

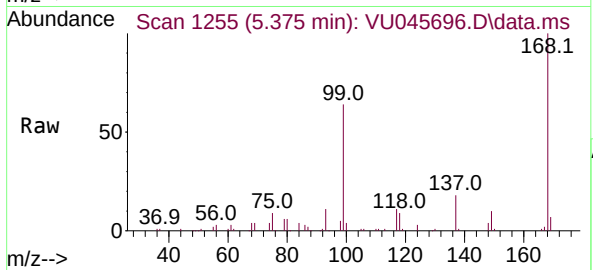
71 26.4 35.4 53.2#



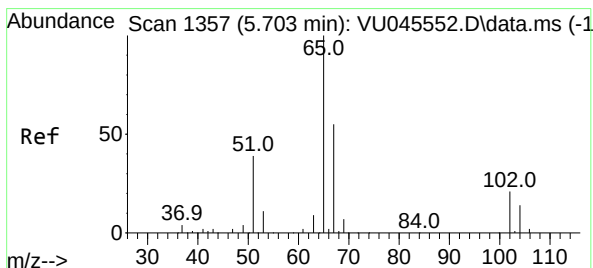
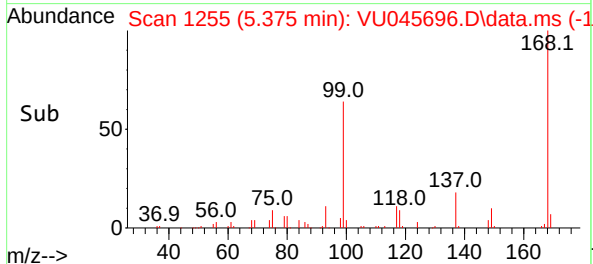
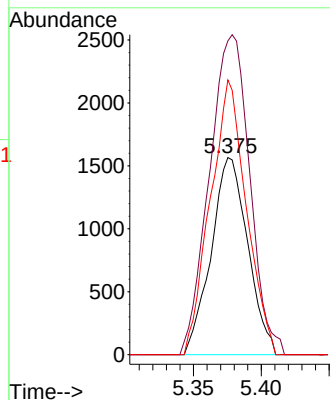


#31
Cyclohexane
Concen: 1.055 ug/l
RT: 5.375 min Scan# 1260
Delta R.T. -0.016 min
Lab File: VU045696.D
Acq: 10 Nov 2021 18:26

Instrument :
MSVOA_U
ClientSampleId :

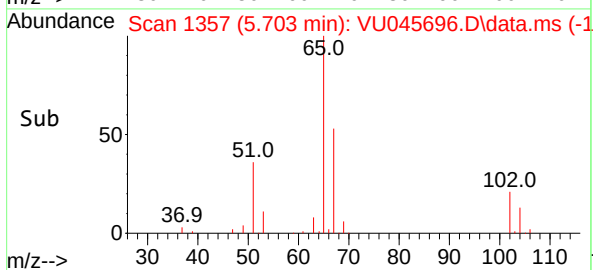
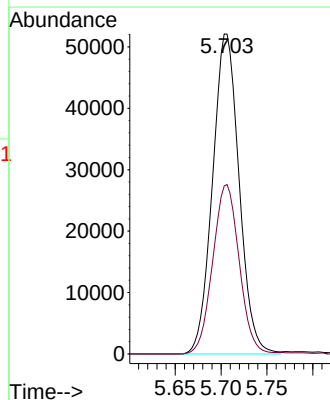
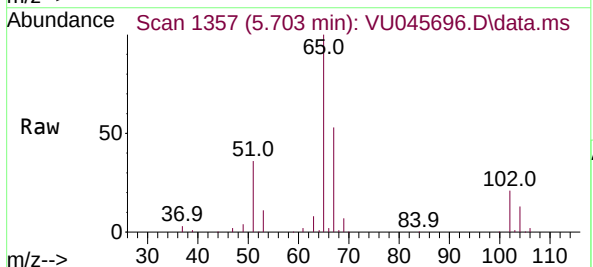


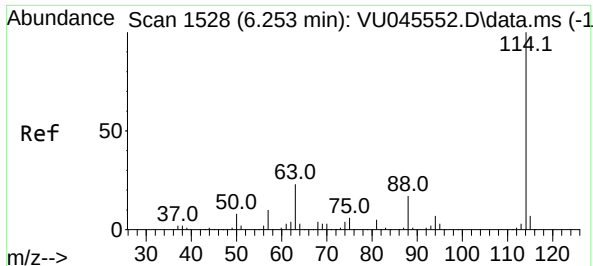
Tgt Ion: 56 Resp: 2941
Ion Ratio Lower Upper
56 100
69 159.2 26.4 39.6#
84 139.3 68.4 102.6#



#33
1,2-Dichloroethane-d4
Concen: 54.884 ug/l
RT: 5.703 min Scan# 1357
Delta R.T. 0.000 min
Lab File: VU045696.D
Acq: 10 Nov 2021 18:26

Tgt Ion: 65 Resp: 104882
Ion Ratio Lower Upper
65 100
67 52.9 0.0 105.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.253 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU045696.D

Acq: 10 Nov 2021 18:26

Instrument :

MSVOA_U

ClientSampleId :

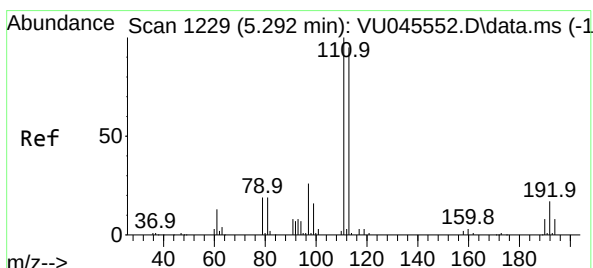
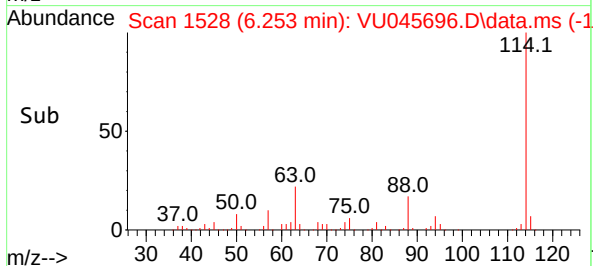
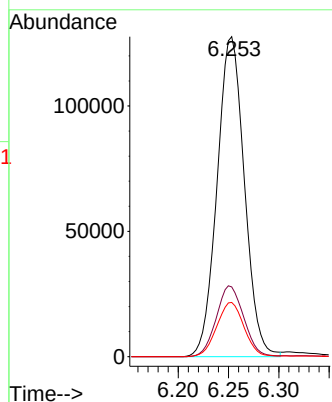
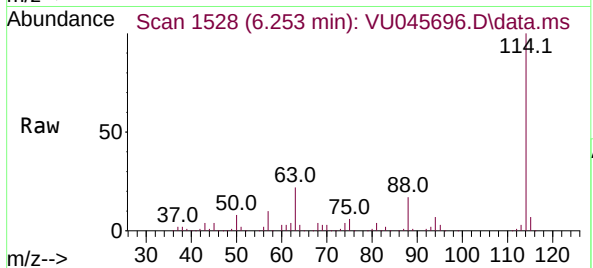
Tgt Ion:114 Resp: 241256

Ion Ratio Lower Upper

114 100

63 21.8 0.0 45.6

88 16.9 0.0 33.8



#35

Dibromofluoromethane

Concen: 49.950 ug/l

RT: 5.292 min Scan# 1229

Delta R.T. 0.000 min

Lab File: VU045696.D

Acq: 10 Nov 2021 18:26

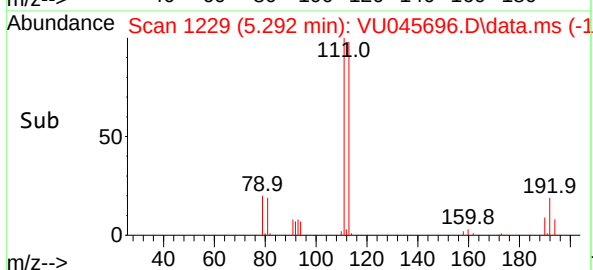
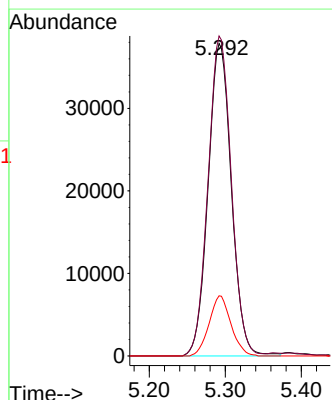
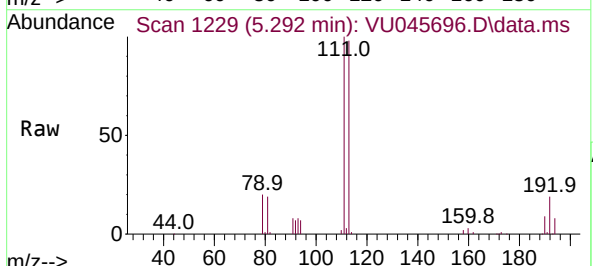
Tgt Ion:113 Resp: 80457

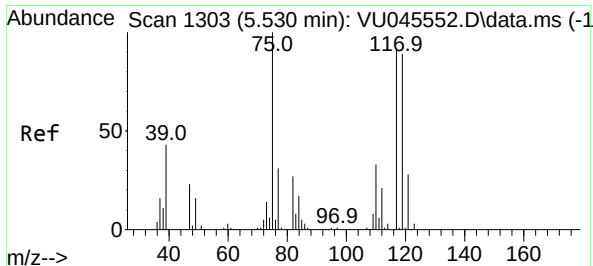
Ion Ratio Lower Upper

113 100

111 102.4 82.8 124.2

192 18.1 14.8 22.2





#36

1,1-Dichloropropene

Concen: 4.902 ug/l

RT: 5.375 min Scan# 11

Delta R.T. -0.154 min

Lab File: VU045696.D

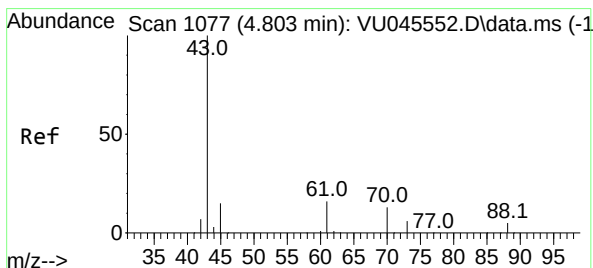
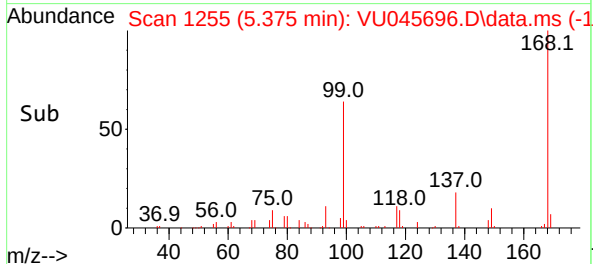
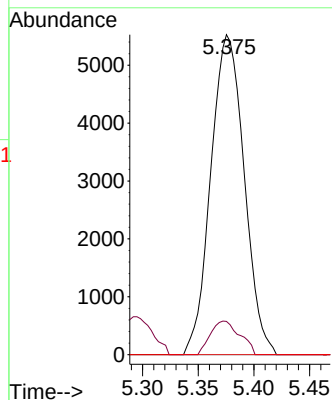
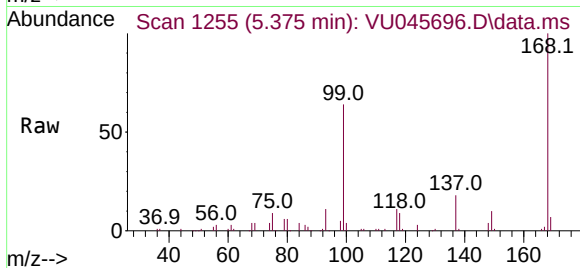
Acq: 10 Nov 2021 18:26

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	75	Resp:	11531
Ion	Ratio	Lower	Upper
75	100		
110	9.3	16.7	50.0#
77	0.0	25.0	37.4#



#37

Ethyl Acetate

Concen: 1.126 ug/l

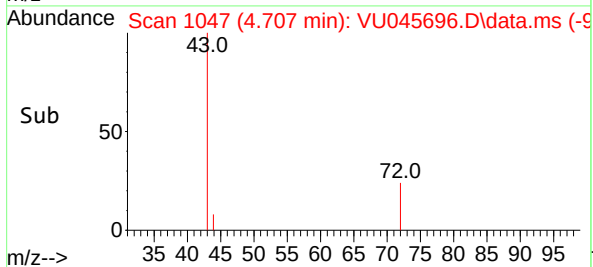
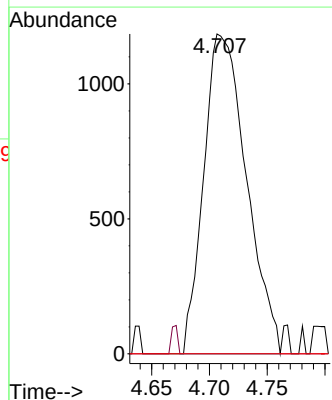
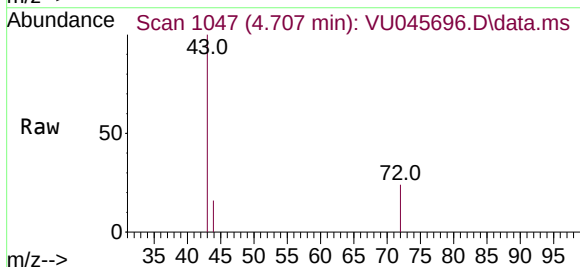
RT: 4.707 min Scan# 1047

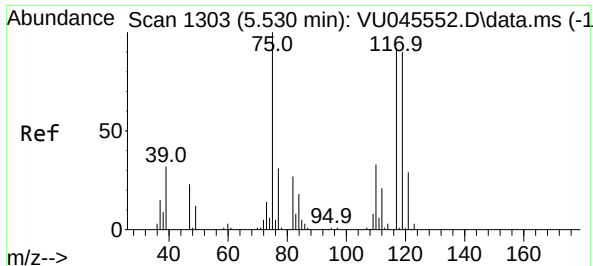
Delta R.T. -0.096 min

Lab File: VU045696.D

Acq: 10 Nov 2021 18:26

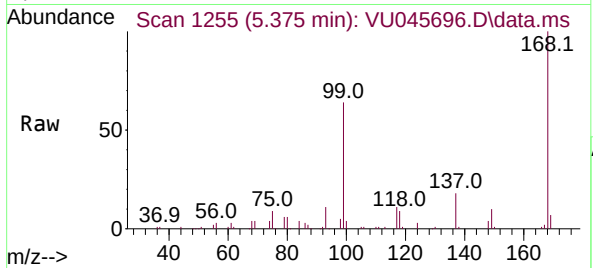
Tgt Ion:	43	Resp:	3044
Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.6	17.4#
70	0.0	9.1	13.7#



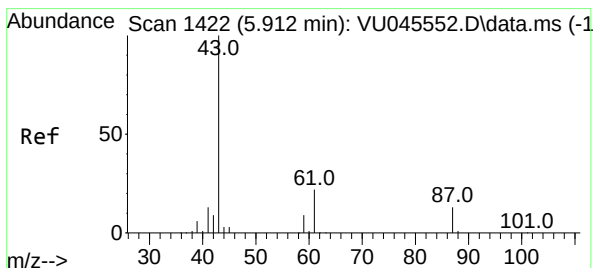
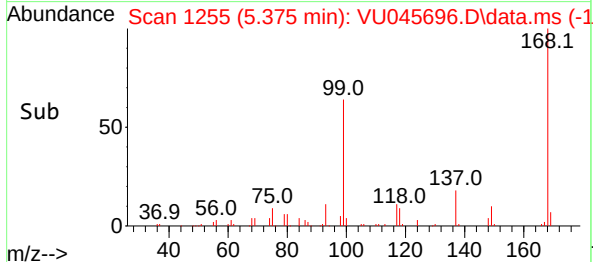
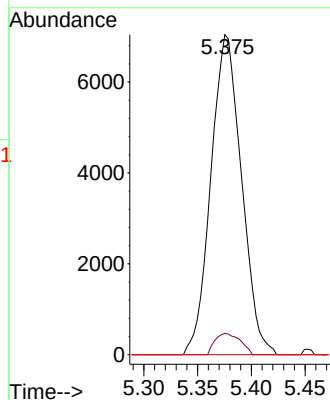


#38
Carbon Tetrachloride
Concen: 5.875 ug/l
RT: 5.375 min Scan# 117
Delta R.T. -0.154 min
Lab File: VU045696.D
Acq: 10 Nov 2021 18:26

Instrument :
MSVOA_U
ClientSampleId :

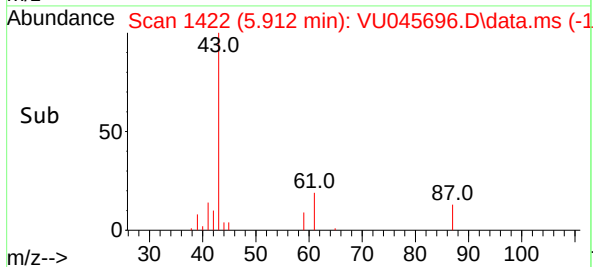
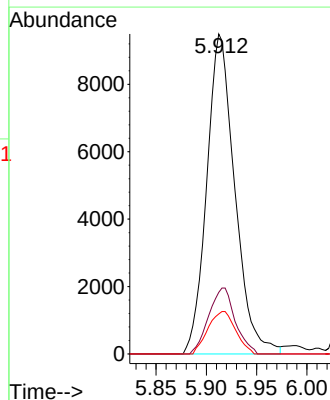
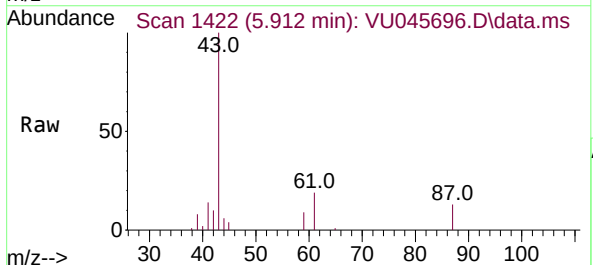


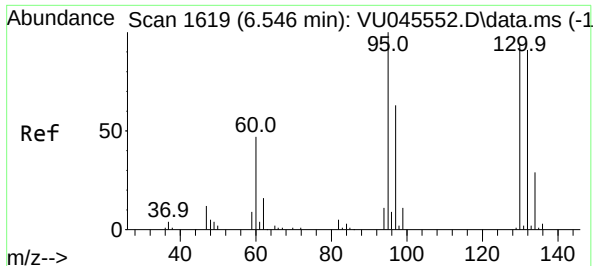
Tgt Ion:117 Resp: 13933
Ion Ratio Lower Upper
117 100
119 6.7 77.4 116.0#
121 0.0 24.8 37.2#



#43
Isopropyl Acetate
Concen: 4.465 ug/l
RT: 5.912 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VU045696.D
Acq: 10 Nov 2021 18:26

Tgt Ion: 43 Resp: 18454
Ion Ratio Lower Upper
43 100
61 19.4 16.9 25.3
87 13.0 11.0 16.4

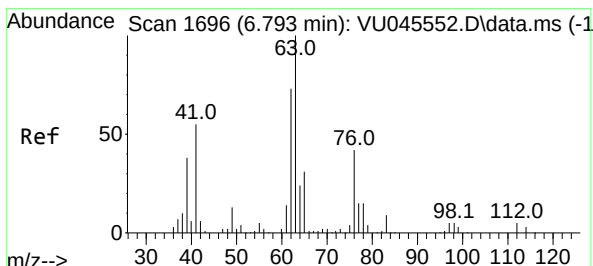
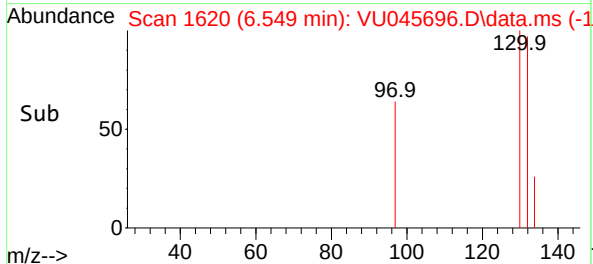
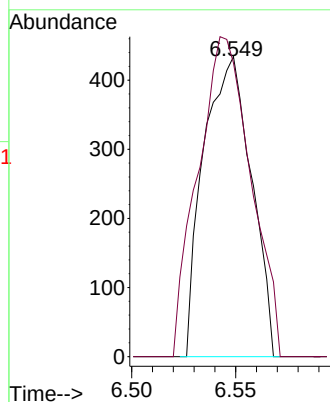
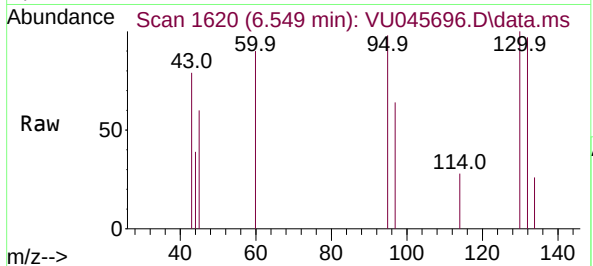




#44
Trichloroethene
Concen: 0.414 ug/l
RT: 6.549 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU045696.D
Acq: 10 Nov 2021 18:26

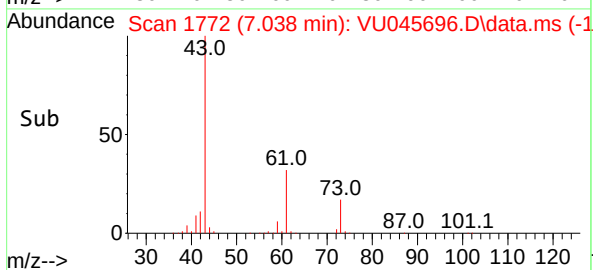
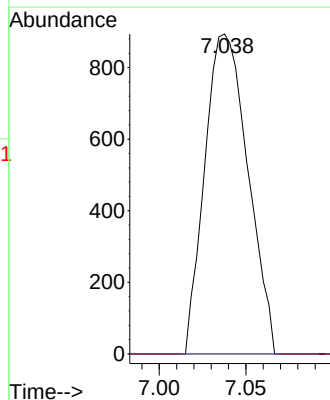
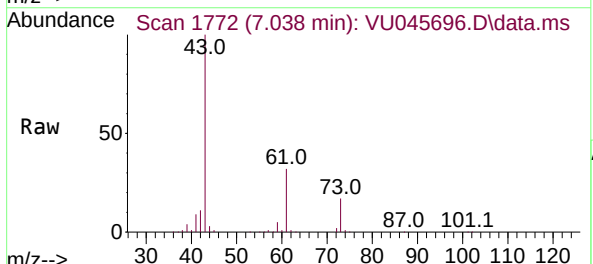
Instrument :
MSVOA_U
ClientSampleId :

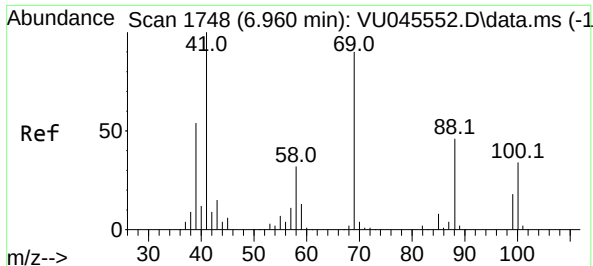
Tgt Ion:130 Resp: 690
Ion Ratio Lower Upper
130 100
95 97.9 0.0 211.4



#45
1,2-Dichloropropane
Concen: 0.841 ug/l
RT: 7.038 min Scan# 1772
Delta R.T. 0.244 min
Lab File: VU045696.D
Acq: 10 Nov 2021 18:26

Tgt Ion: 63 Resp: 1549
Ion Ratio Lower Upper
63 100
65 0.0 25.7 38.5#





#48

Methyl methacrylate

Concen: 2.879 ug/l

RT: 6.893 min Scan# 1

Delta R.T. -0.067 min

Lab File: VU045696.D

Acq: 10 Nov 2021 18:26

Instrument :

MSVOA_U

ClientSampleId :

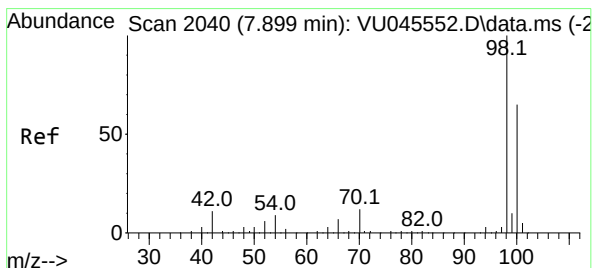
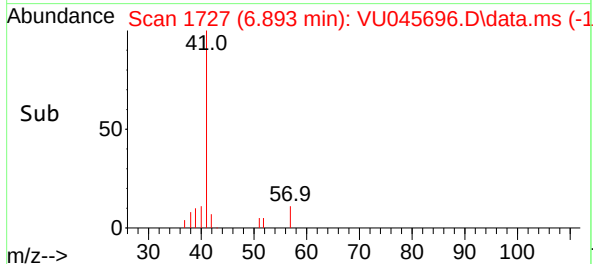
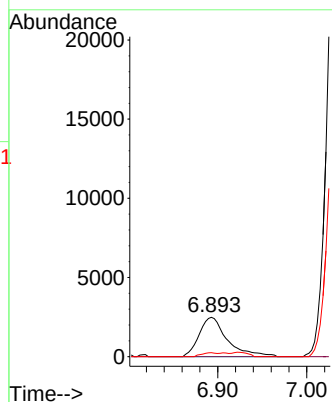
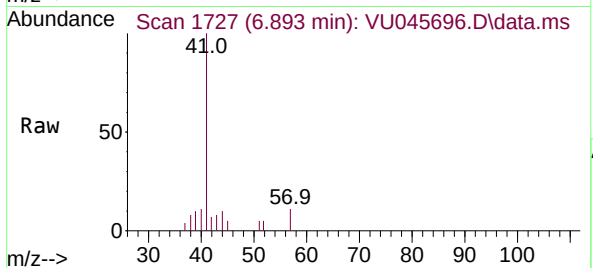
Tgt Ion: 41 Resp: 5477

Ion Ratio Lower Upper

41 100

69 0.0 70.2 105.2#

39 0.0 43.9 65.9#



#50

Toluene-d8

Concen: 53.455 ug/l

RT: 7.899 min Scan# 2040

Delta R.T. 0.000 min

Lab File: VU045696.D

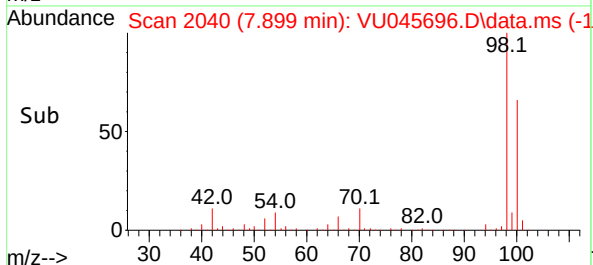
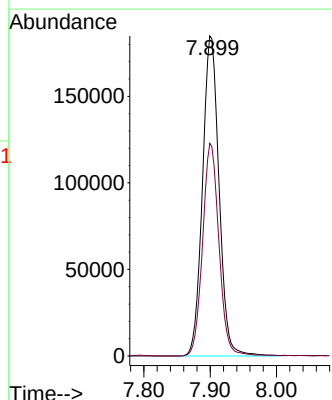
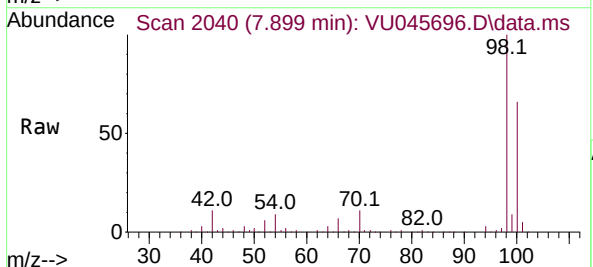
Acq: 10 Nov 2021 18:26

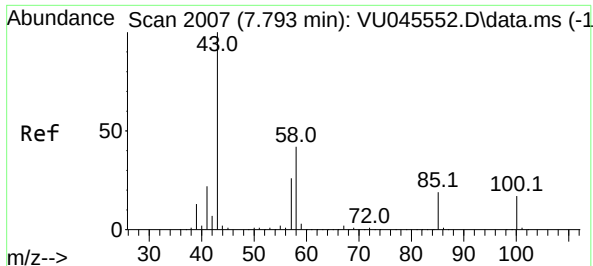
Tgt Ion: 98 Resp: 320168

Ion Ratio Lower Upper

98 100

100 65.7 52.5 78.7

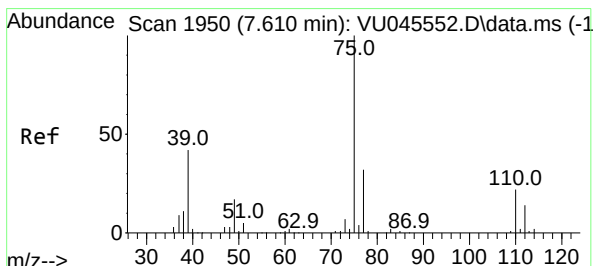
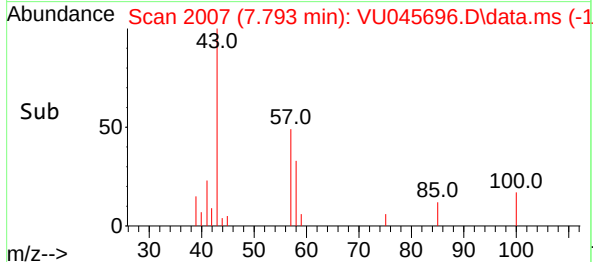
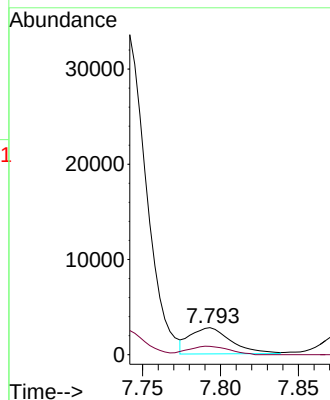
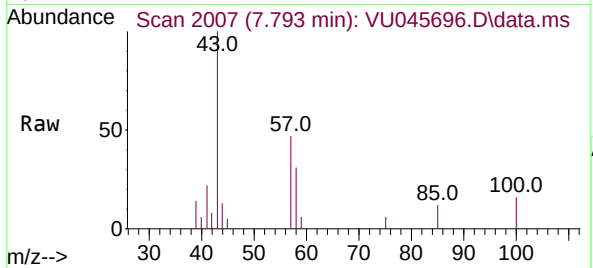




#51
4-Methyl-2-Pentanone
Concen: 1.845 ug/l
RT: 7.793 min Scan# 2007
Delta R.T. 0.000 min
Lab File: VU045696.D
Acq: 10 Nov 2021 18:26

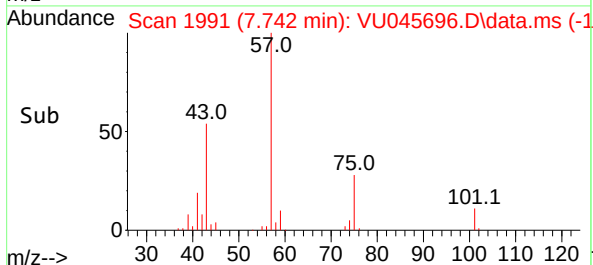
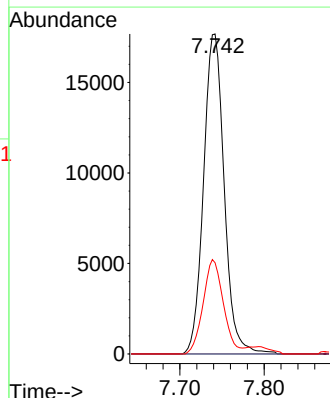
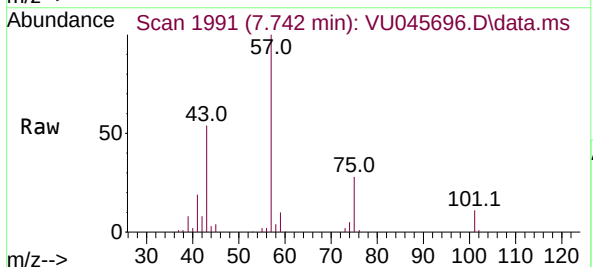
Instrument :
MSVOA_U
ClientSampleId :

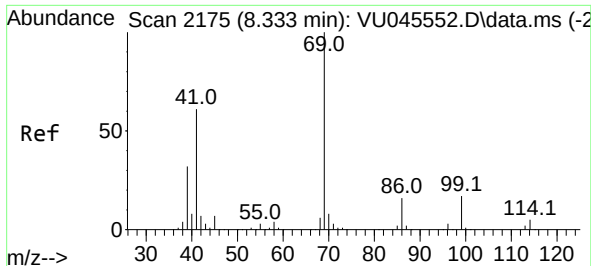
Tgt Ion: 43 Resp: 5030
Ion Ratio Lower Upper
43 100
58 32.5 33.8 50.8#



#54
cis-1,3-Dichloropropene
Concen: 10.192 ug/l
RT: 7.742 min Scan# 1991
Delta R.T. 0.132 min
Lab File: VU045696.D
Acq: 10 Nov 2021 18:26

Tgt Ion: 75 Resp: 30144
Ion Ratio Lower Upper
75 100
77 0.0 24.6 37.0#
39 28.5 37.1 55.7#





#56

Ethyl methacrylate

Concen: 2.460 ug/l

RT: 8.462 min Scan# 2175

Delta R.T. 0.129 min

Lab File: VU045696.D

Acq: 10 Nov 2021 18:26

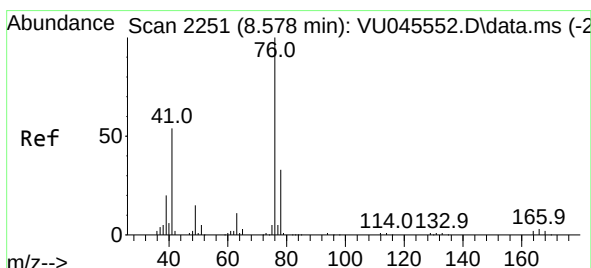
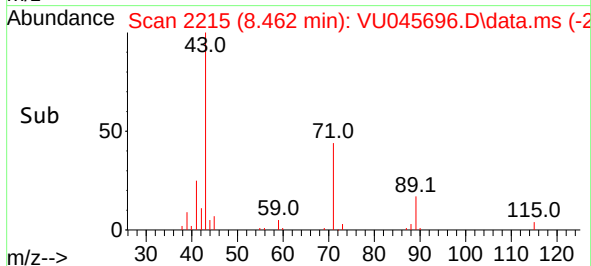
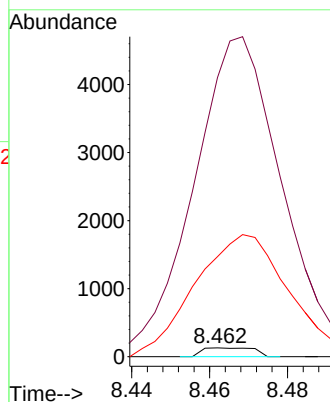
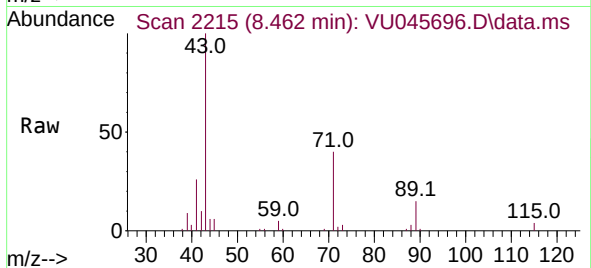
Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 69 Resp: 120

Ion	Ratio	Lower	Upper
69	100		
41	6304.2	51.0	76.4#
39	2533.3	26.6	39.8#



#57

1,3-Dichloropropane

Concen: 6.155 ug/l

RT: 8.729 min Scan# 2298

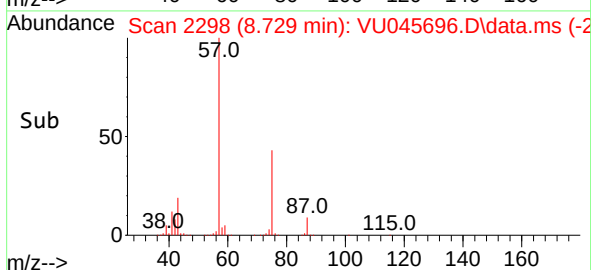
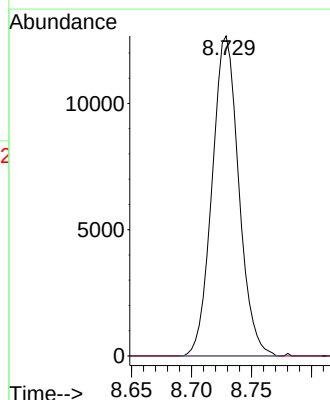
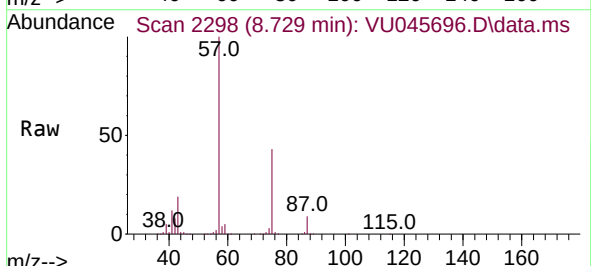
Delta R.T. 0.151 min

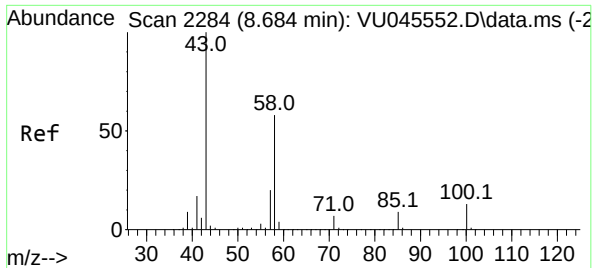
Lab File: VU045696.D

Acq: 10 Nov 2021 18:26

Tgt Ion: 76 Resp: 19590

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.8	38.8#

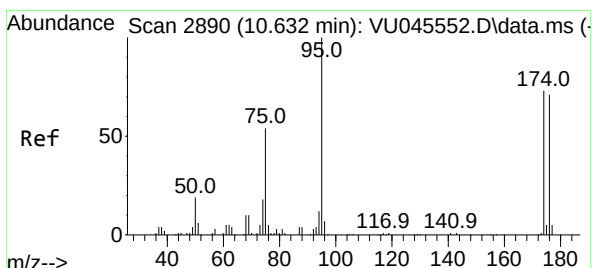
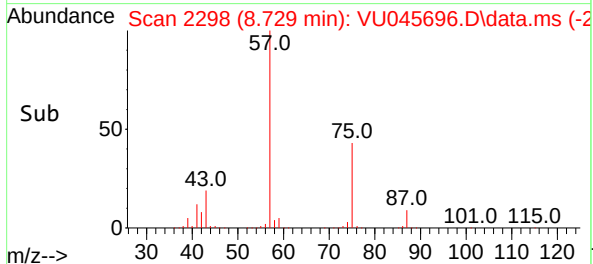
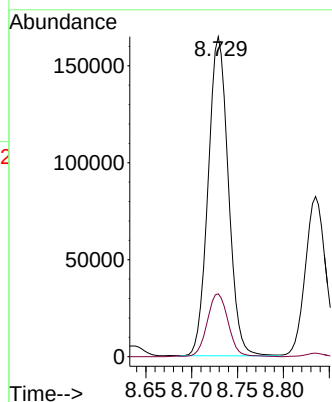
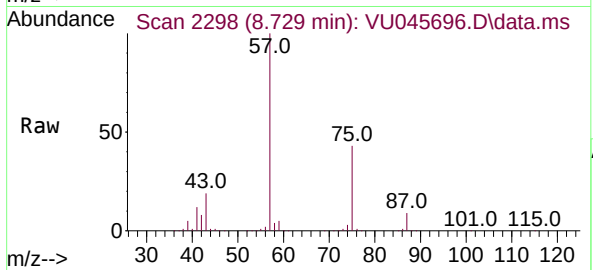




#59
2-Hexanone
Concen: 110.841 ug/l
RT: 8.729 min Scan# 21
Delta R.T. 0.045 min
Lab File: VU045696.D
Acq: 10 Nov 2021 18:26

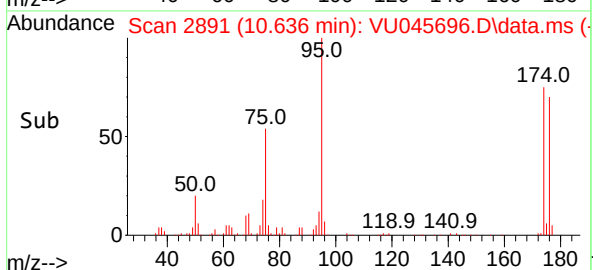
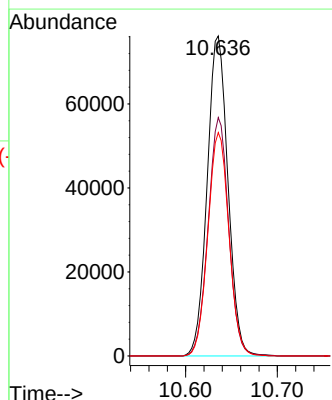
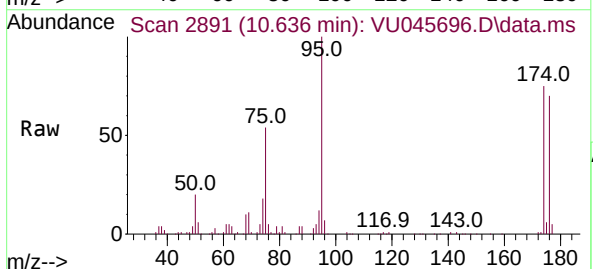
Instrument :
MSVOA_U
ClientSampleId :

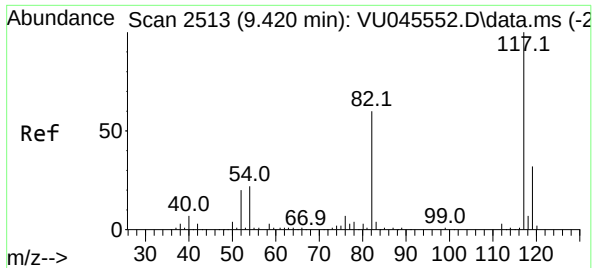
Tgt Ion: 43 Resp: 252701
Ion Ratio Lower Upper
43 100
58 20.5 29.5 88.6#



#62
4-Bromofluorobenzene
Concen: 49.973 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.003 min
Lab File: VU045696.D
Acq: 10 Nov 2021 18:26

Tgt Ion: 95 Resp: 120024
Ion Ratio Lower Upper
95 100
174 73.7 0.0 141.8
176 70.6 0.0 138.2

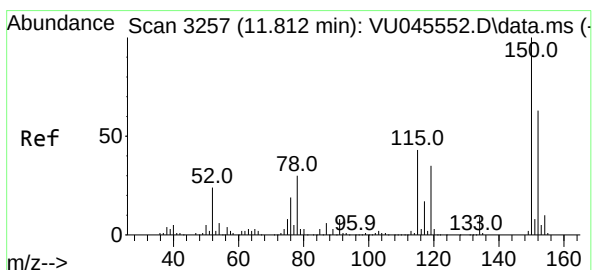
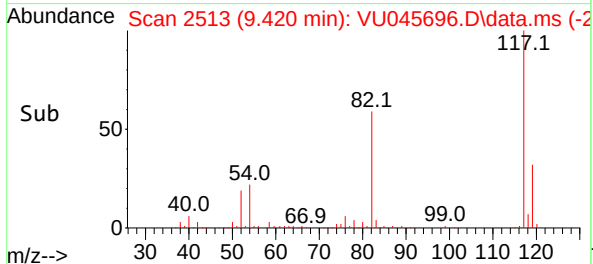
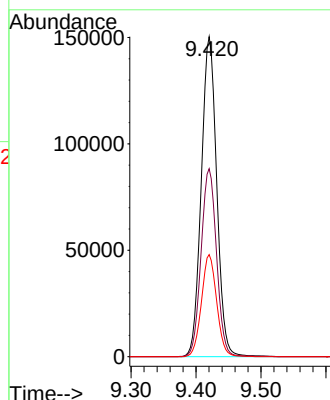
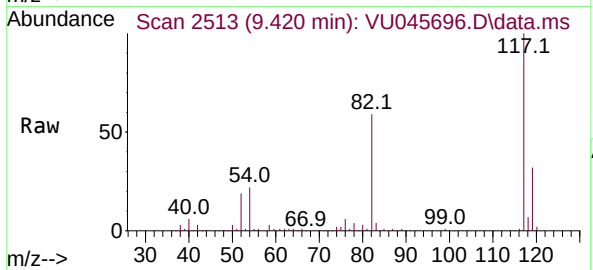




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU045696.D
Acq: 10 Nov 2021 18:26

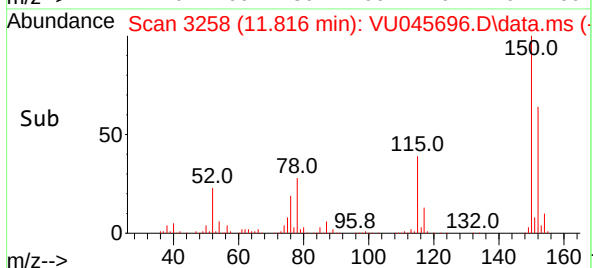
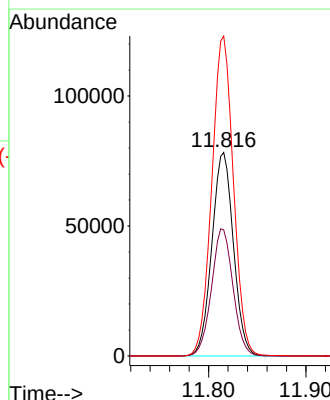
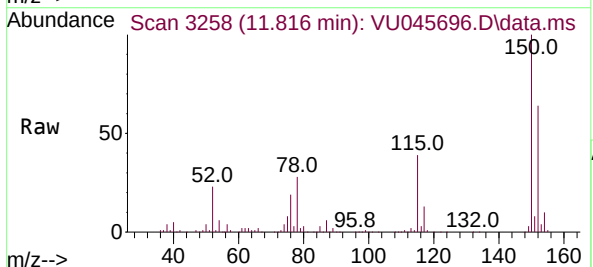
Instrument :
MSVOA_U
ClientSampleId :

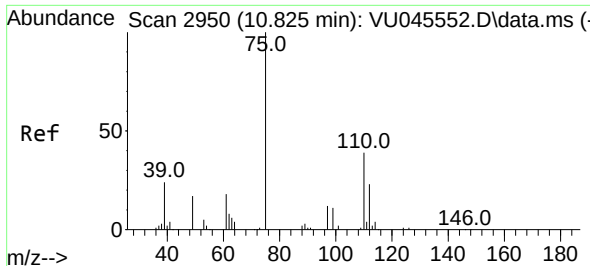
Tgt Ion:117 Resp: 249324
Ion Ratio Lower Upper
117 100
82 58.8 47.8 71.8
119 31.9 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.816 min Scan# 3258
Delta R.T. 0.003 min
Lab File: VU045696.D
Acq: 10 Nov 2021 18:26

Tgt Ion:152 Resp: 120095
Ion Ratio Lower Upper
152 100
115 62.3 42.7 128.1
150 157.5 0.0 346.8

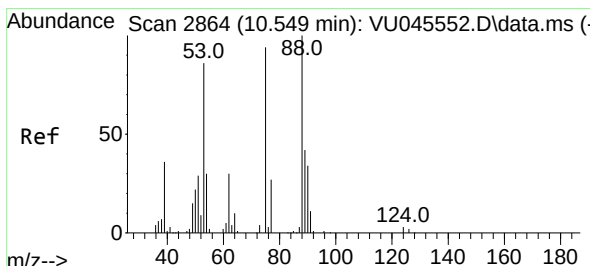
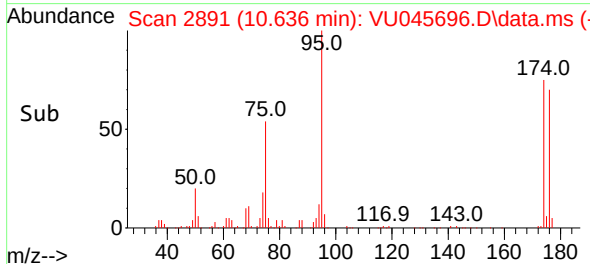
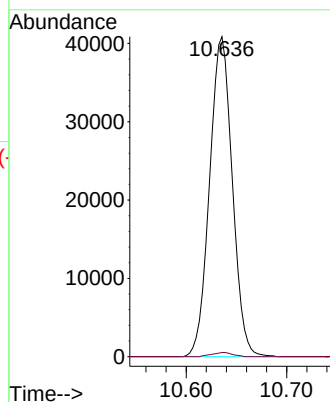
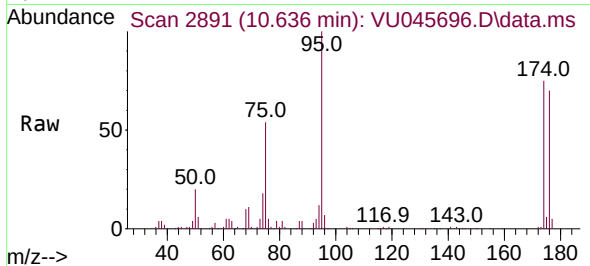




#76
1,2,3-Trichloropropane
Concen: 17.626 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. -0.190 min
Lab File: VU045696.D
Acq: 10 Nov 2021 18:26

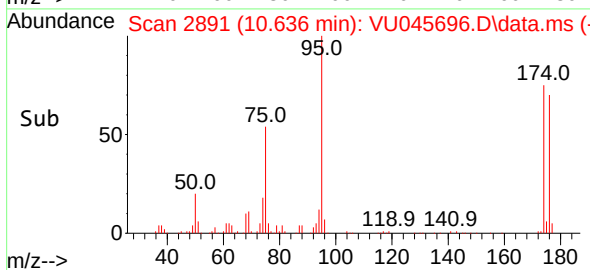
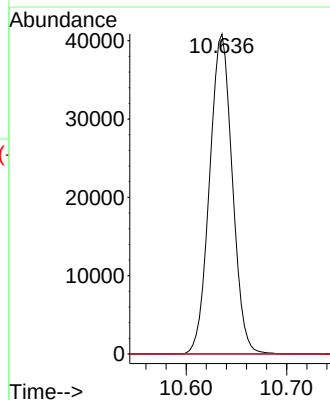
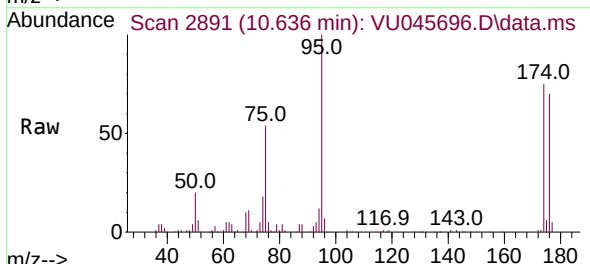
Instrument :
MSVOA_U
ClientSampleId :

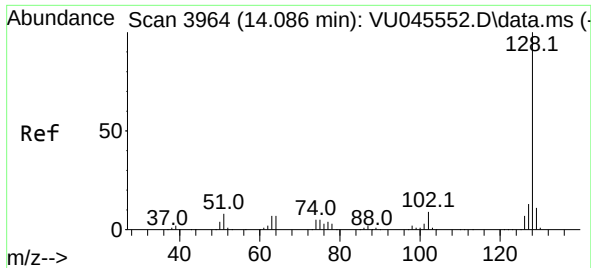
Tgt Ion: 75 Resp: 64193
Ion Ratio Lower Upper
75 100
77 1.2 17.1 51.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 57.278 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.087 min
Lab File: VU045696.D
Acq: 10 Nov 2021 18:26

Tgt Ion: 75 Resp: 64193
Ion Ratio Lower Upper
75 100
53 0.0 76.2 114.4#
89 0.0 34.0 51.0#





#95

Naphthalene

Concen: 1.062 ug/l

RT: 14.089 min Scan# 3965

Delta R.T. 0.003 min

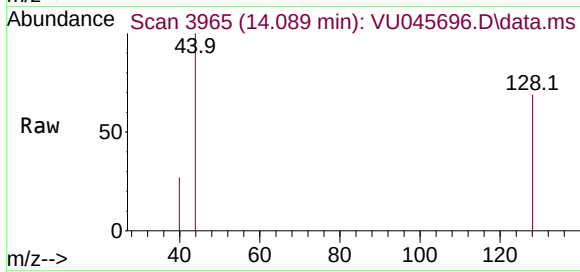
Lab File: VU045696.D

Acq: 10 Nov 2021 18:26

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:128 Resp: 325

Ion Ratio Lower Upper

128 100

127 0.0 10.6 15.8#

129 0.0 8.6 13.0#

