

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110521\
 Data File : VU045589.D
 Acq On : 06 Nov 2021 03:40
 Operator : SY/MD
 Sample : M4504-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TB01-20211102

Quant Time: Nov 06 21:52:45 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)

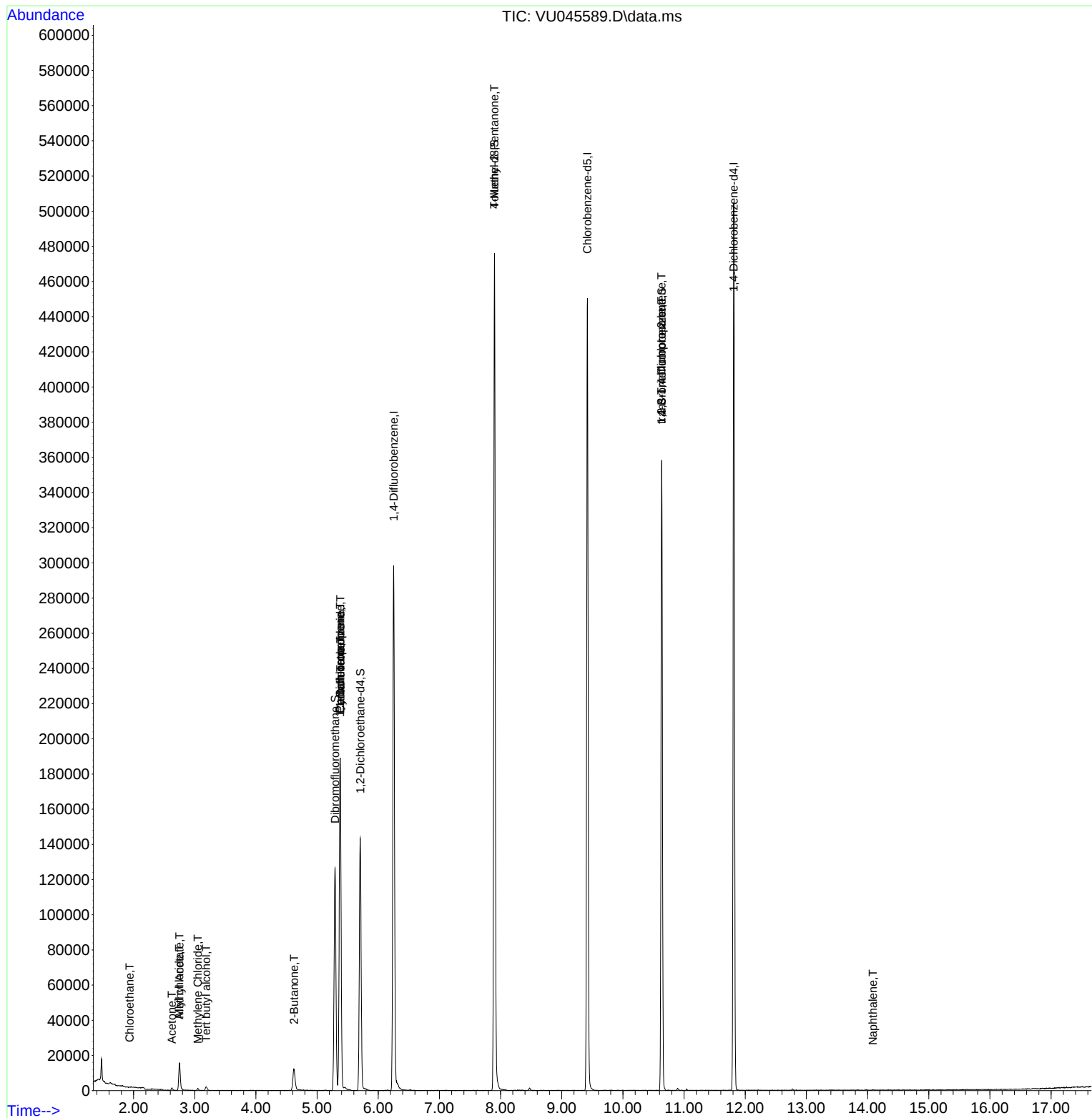
Internal Standards						
1) Pentafluorobenzene	5.378	168	123986	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	242874	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	244422	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	122204	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	106796	57.515	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 115.040%			
35) Dibromofluoromethane	5.295	113	81555	50.295	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.580%			
50) Toluene-d8	7.899	98	317277	52.619	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 105.240%			
62) 4-Bromofluorobenzene	10.635	95	119732	49.520	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.040%			
Target Compounds						Qvalue
6) Chloroethane	1.935	64	274	0.234	ug/l #	41
11) Tert butyl alcohol	3.186	59	1405	3.823	ug/l #	72
14) Allyl chloride	2.748	41	1436	0.590	ug/l #	58
16) Acetone	2.626	43	1572	1.663	ug/l	97
18) Methyl Acetate	2.752	43	4306	1.338	ug/l #	50
20) Methylene Chloride	3.051	84	458	0.279	ug/l	99
25) 2-Butanone	4.623	43	492	0.375	ug/l #	47
31) Cyclohexane	5.378	56	2892	1.067	ug/l #	1
36) 1,1-Dichloropropene	5.375	75	11448	4.834	ug/l #	49
38) Carbon Tetrachloride	5.378	117	13745	5.757	ug/l #	15
51) 4-Methyl-2-Pentanone	7.899	43	1175	0.428	ug/l #	1
76) 1,2,3-Trichloropropane	10.632	75	63490	17.132	ug/l #	42
81) trans-1,4-Dichloro-2-b...	10.632	75	63490	55.757	ug/l #	12
95) Naphthalene	14.089	128	275	1.056	ug/l #	69

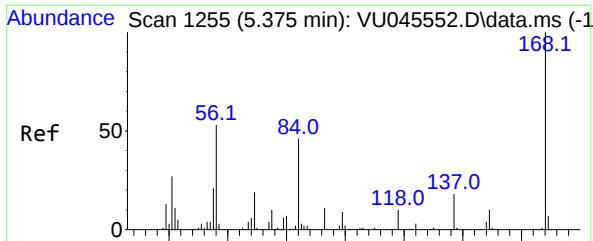
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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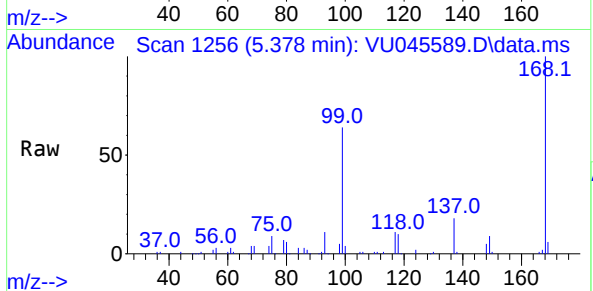
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U110521W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 05 13:35:16 2021
Response via : Initial Calibration



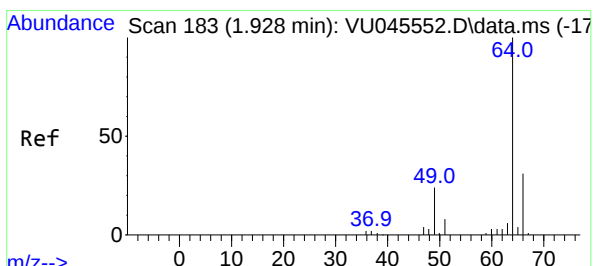
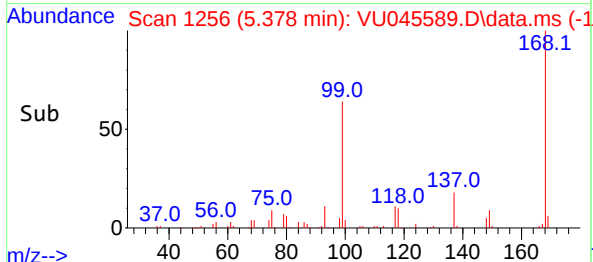
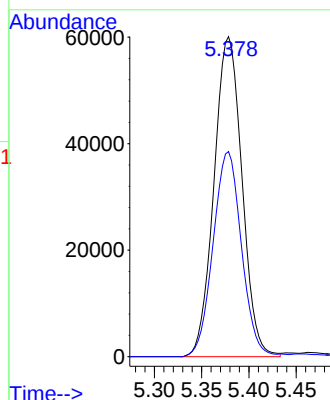


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.378 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU045589.D
Acq: 06 Nov 2021 03:40

Instrument :
MSVOA_U
ClientSampleId :
TB01-20211102

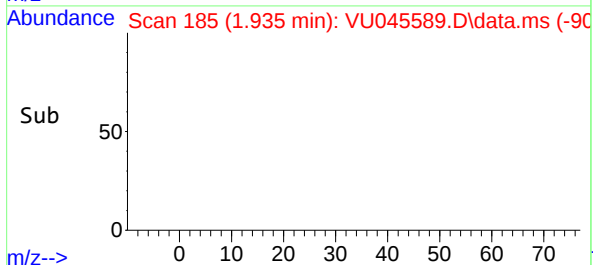
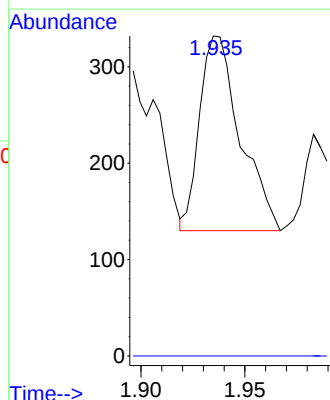
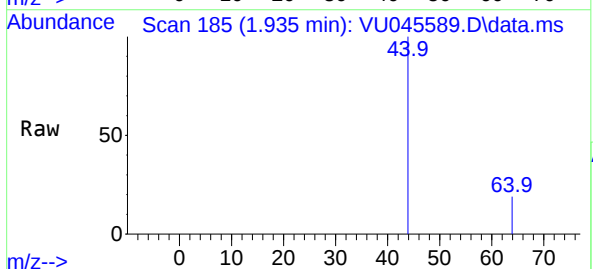


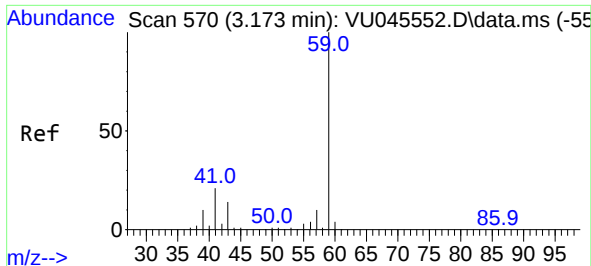
Tgt Ion:168 Resp: 123986
Ion Ratio Lower Upper
168 100
99 64.1 51.0 76.6



#6
Chloroethane
Concen: 0.234 ug/l
RT: 1.935 min Scan# 185
Delta R.T. 0.006 min
Lab File: VU045589.D
Acq: 06 Nov 2021 03:40

Tgt Ion: 64 Resp: 274
Ion Ratio Lower Upper
64 100
66 0.0 26.7 40.1#

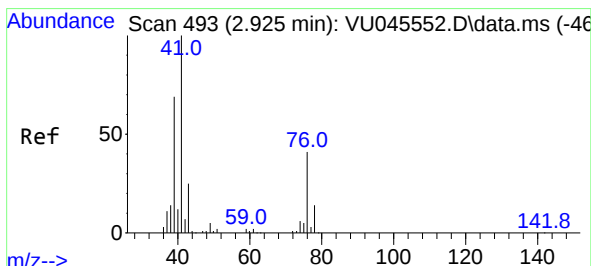
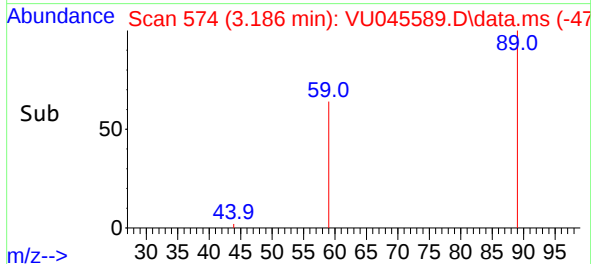
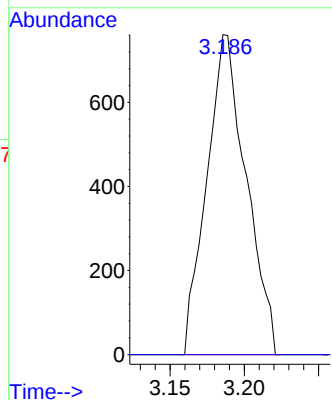
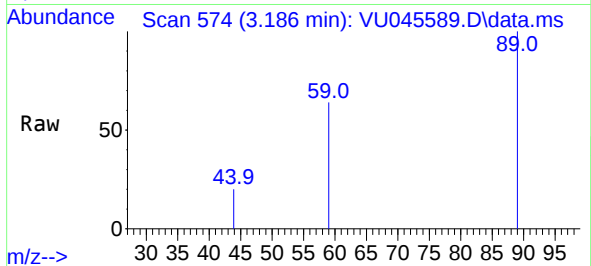




#11
Tert butyl alcohol
Concen: 3.823 ug/l
RT: 3.186 min Scan# 51
Delta R.T. 0.013 min
Lab File: VU045589.D
Acq: 06 Nov 2021 03:40

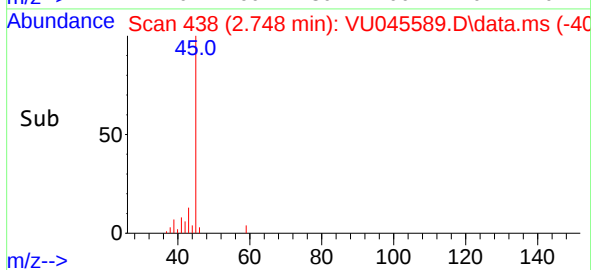
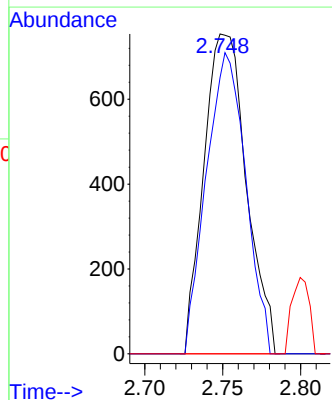
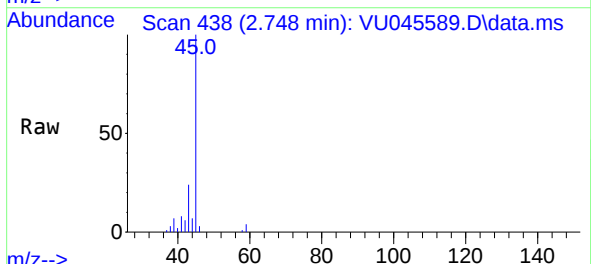
Instrument :
MSVOA_U
ClientSampleId :
TB01-20211102

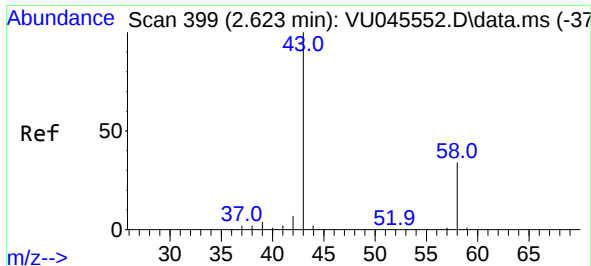
Tgt Ion: 59 Resp: 1405
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#14
Allyl chloride
Concen: 0.590 ug/l
RT: 2.748 min Scan# 438
Delta R.T. -0.177 min
Lab File: VU045589.D
Acq: 06 Nov 2021 03:40

Tgt Ion: 41 Resp: 1436
Ion Ratio Lower Upper
41 100
39 86.9 49.7 74.5#
76 0.0 27.7 41.5#

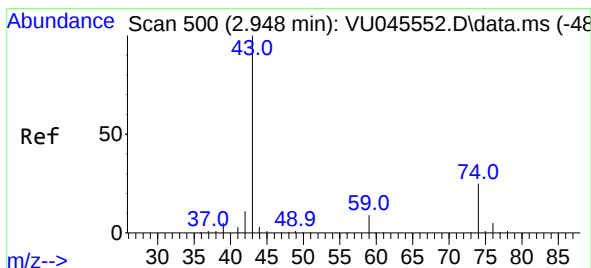
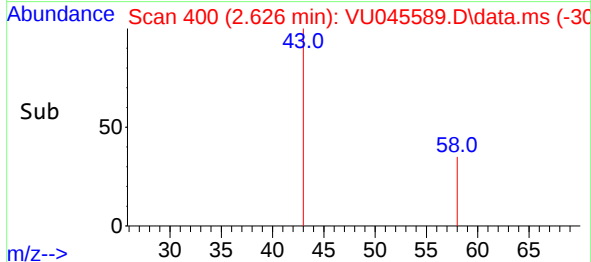
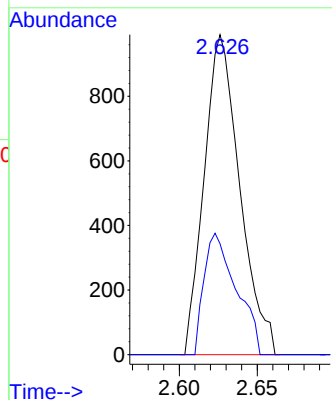
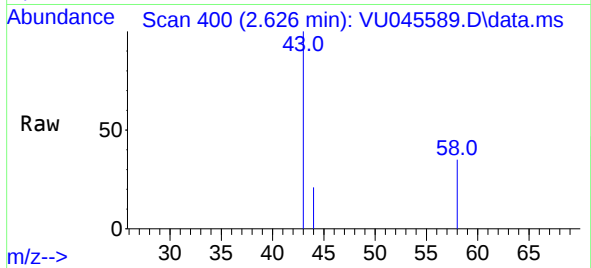




#16
Acetone
Concen: 1.663 ug/l
RT: 2.626 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU045589.D
Acq: 06 Nov 2021 03:40

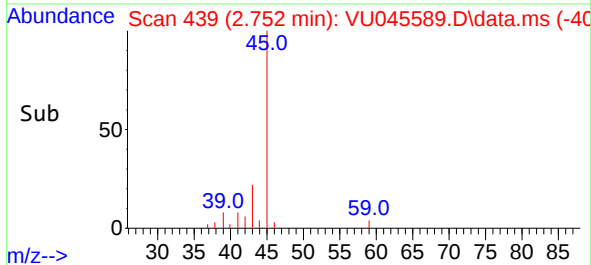
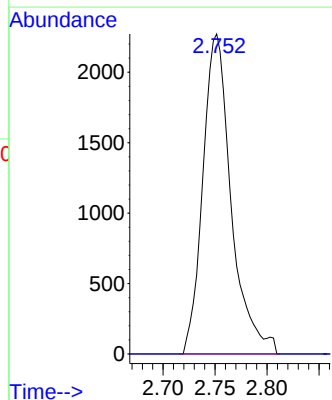
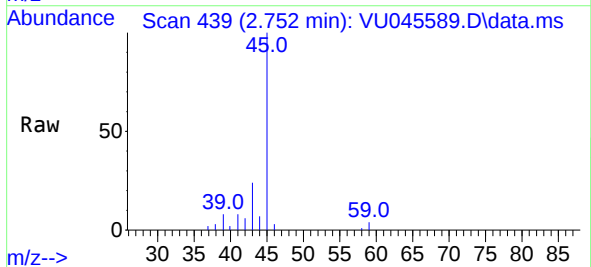
Instrument :
MSVOA_U
ClientSampleId :
TB01-20211102

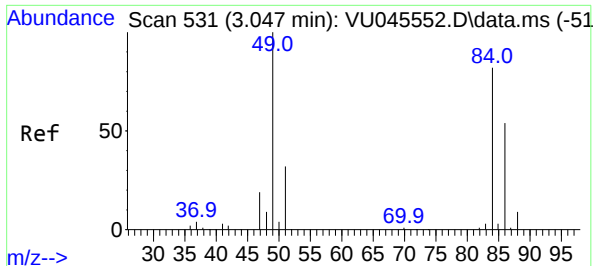
Tgt Ion: 43 Resp: 1572
Ion Ratio Lower Upper
43 100
58 34.6 26.2 39.2



#18
Methyl Acetate
Concen: 1.338 ug/l
RT: 2.752 min Scan# 439
Delta R.T. -0.196 min
Lab File: VU045589.D
Acq: 06 Nov 2021 03:40

Tgt Ion: 43 Resp: 4306
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.2#



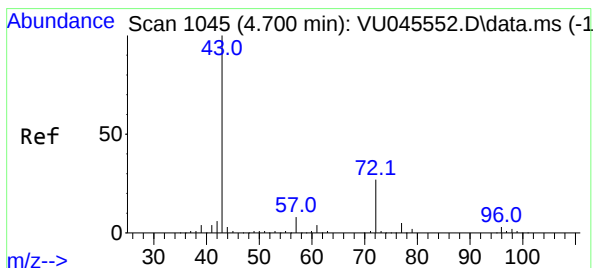
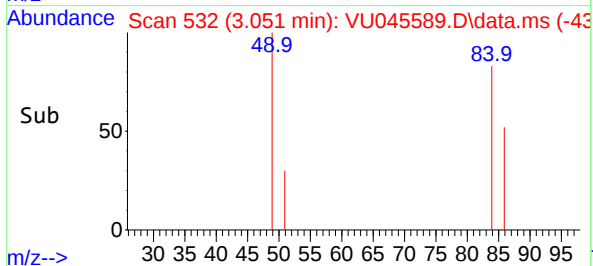
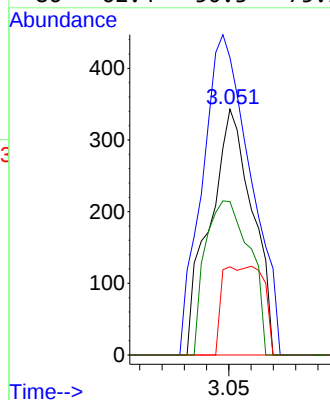
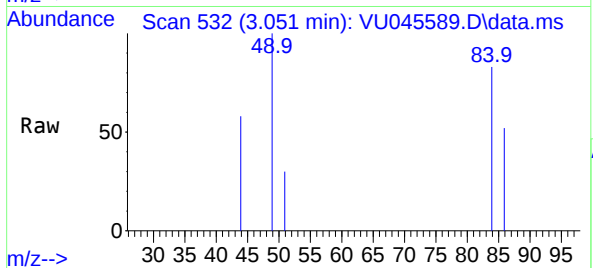


#20
Methylene Chloride
Concen: 0.279 ug/l
RT: 3.051 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU045589.D
Acq: 06 Nov 2021 03:40

Instrument :
MSVOA_U
ClientSampleId :
TB01-20211102

Tgt Ion: 84 Resp: 458

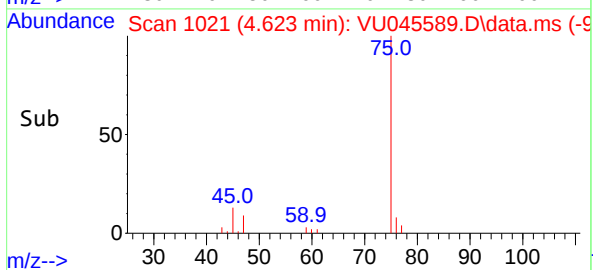
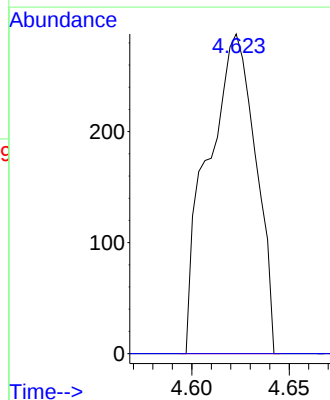
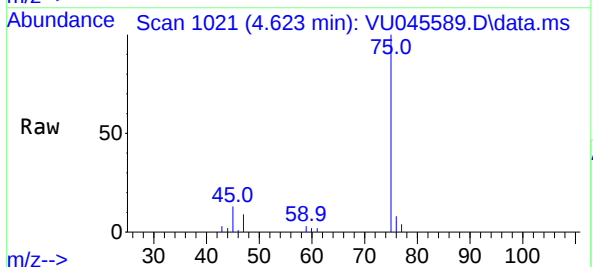
Ion	Ratio	Lower	Upper
84	100		
49	121.0	96.4	144.6
51	35.9	30.5	45.7
86	62.4	50.3	75.5

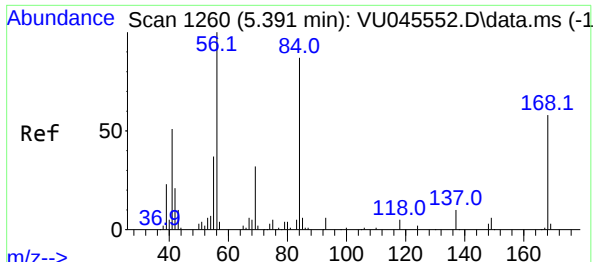


#25
2-Butanone
Concen: 0.375 ug/l
RT: 4.623 min Scan# 1021
Delta R.T. -0.077 min
Lab File: VU045589.D
Acq: 06 Nov 2021 03:40

Tgt Ion: 43 Resp: 492

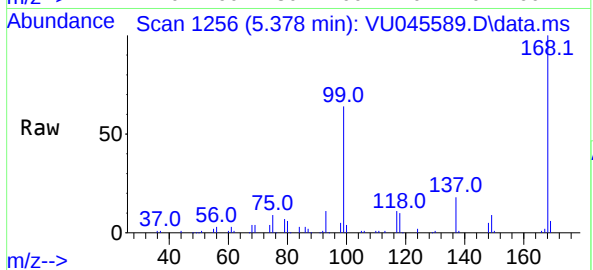
Ion	Ratio	Lower	Upper
43	100		
72	0.0	22.0	33.0#



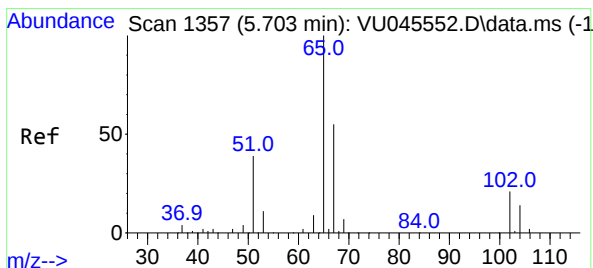
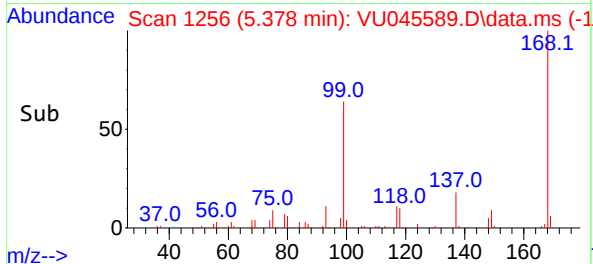
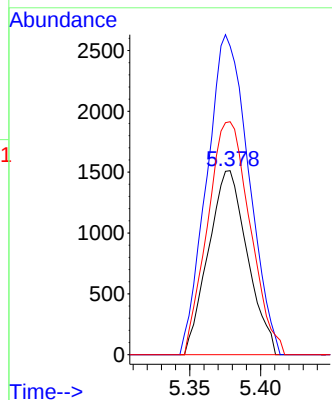


#31
Cyclohexane
Concen: 1.067 ug/l
RT: 5.378 min Scan# 11
Delta R.T. -0.013 min
Lab File: VU045589.D
Acq: 06 Nov 2021 03:40

Instrument :
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ClientSampleId :
TB01-20211102

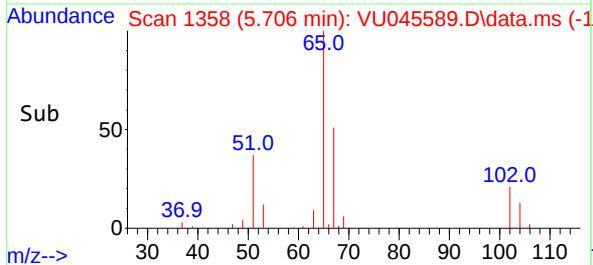
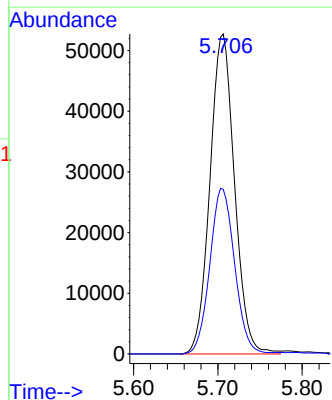
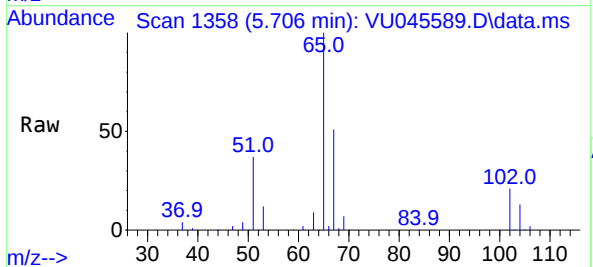


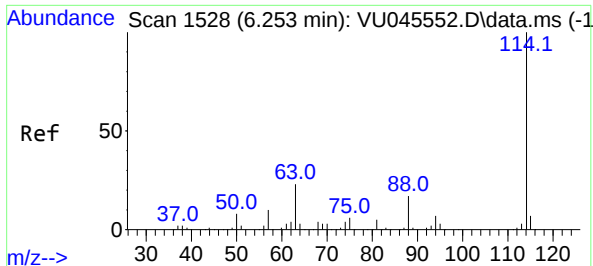
Tgt Ion: 56 Resp: 2892
Ion Ratio Lower Upper
56 100
69 167.7 26.4 39.6#
84 126.7 68.4 102.6#



#33
1,2-Dichloroethane-d4
Concen: 57.515 ug/l
RT: 5.706 min Scan# 1358
Delta R.T. 0.003 min
Lab File: VU045589.D
Acq: 06 Nov 2021 03:40

Tgt Ion: 65 Resp: 106796
Ion Ratio Lower Upper
65 100
67 52.2 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: VU045589.D

Acq: 06 Nov 2021 03:40

Instrument :

MSVOA_U

ClientSampleId :

TB01-20211102

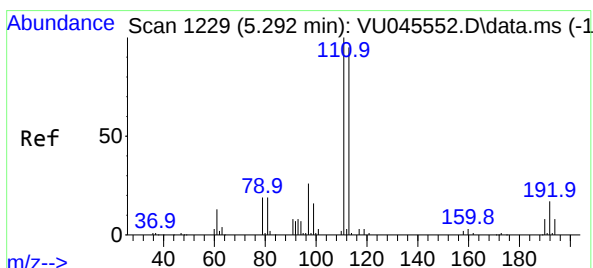
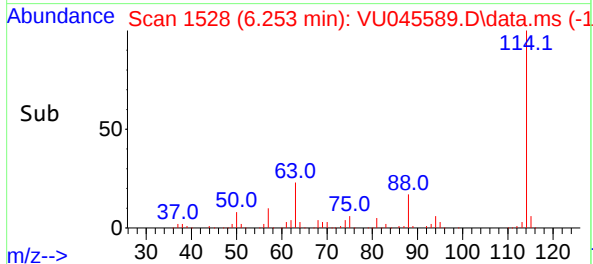
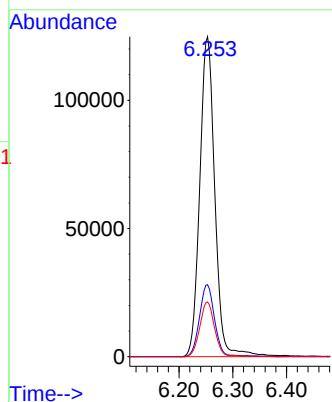
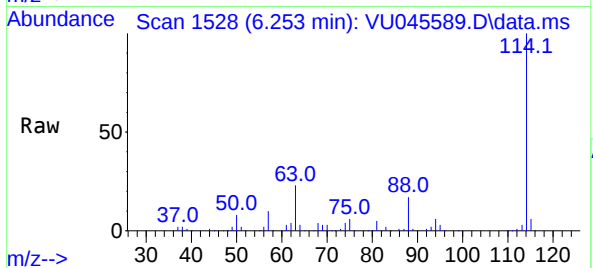
Tgt Ion:114 Resp: 242874

Ion Ratio Lower Upper

114 100

63 22.5 0.0 45.6

88 17.1 0.0 33.8



#35

Dibromofluoromethane

Concen: 50.295 ug/l

RT: 5.295 min Scan# 1230

Delta R.T. 0.003 min

Lab File: VU045589.D

Acq: 06 Nov 2021 03:40

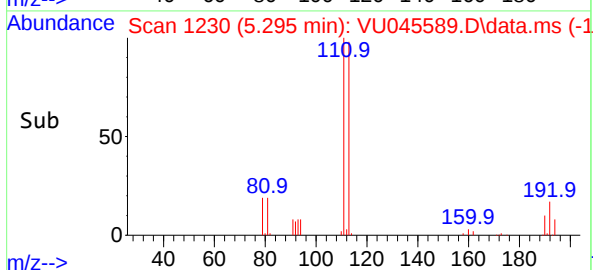
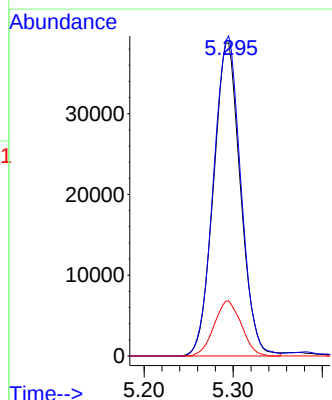
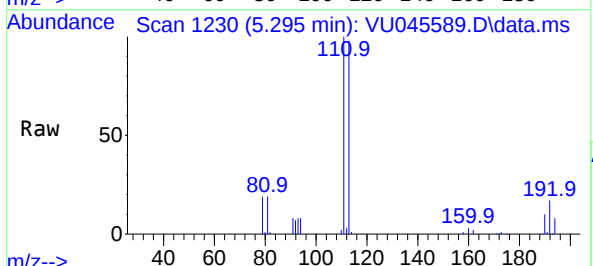
Tgt Ion:113 Resp: 81555

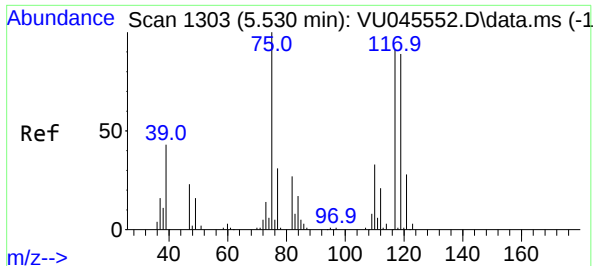
Ion Ratio Lower Upper

113 100

111 103.0 82.8 124.2

192 17.7 14.8 22.2





#36

1,1-Dichloropropene

Concen: 4.834 ug/l

RT: 5.375 min Scan# 11

Delta R.T. -0.154 min

Lab File: VU045589.D

Acq: 06 Nov 2021 03:40

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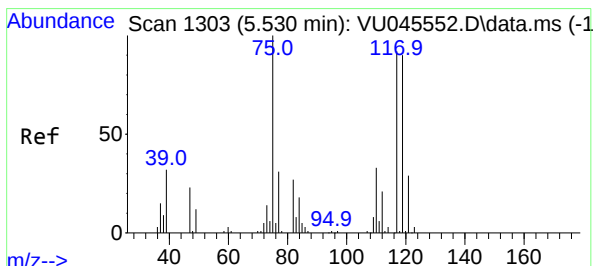
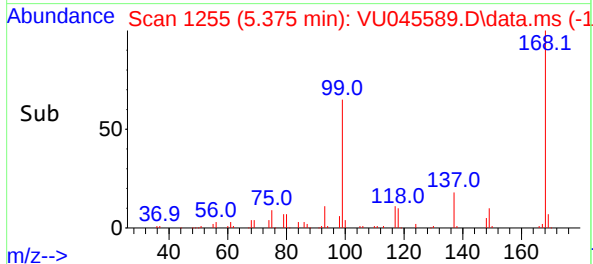
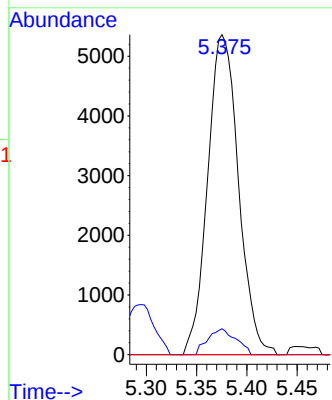
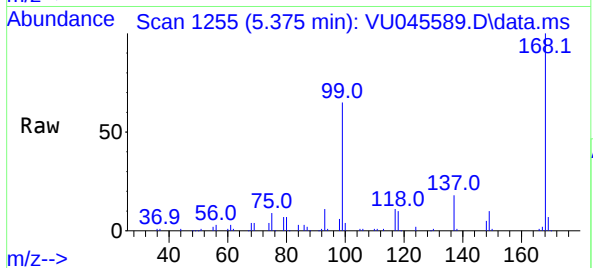
Tgt Ion: 75 Resp: 11448

Ion Ratio Lower Upper

75 100

110 7.4 16.7 50.0#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 5.757 ug/l

RT: 5.378 min Scan# 1256

Delta R.T. -0.151 min

Lab File: VU045589.D

Acq: 06 Nov 2021 03:40

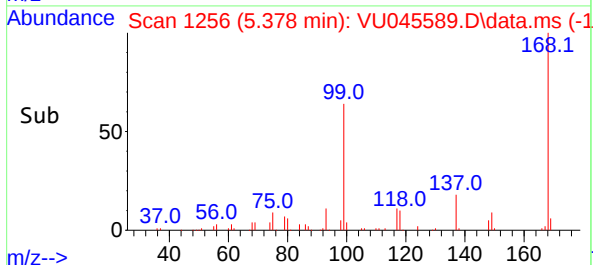
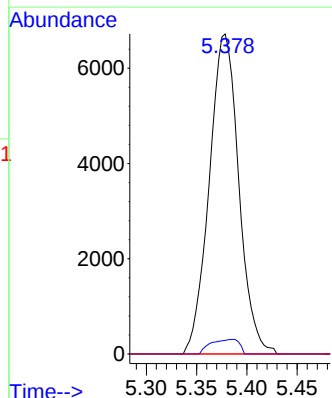
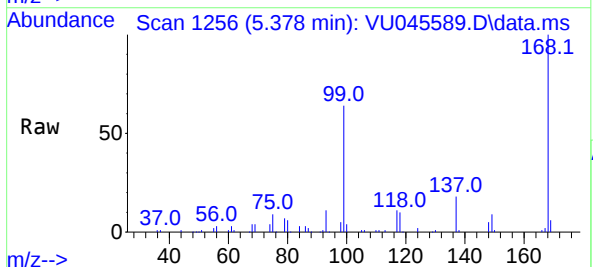
Tgt Ion: 117 Resp: 13745

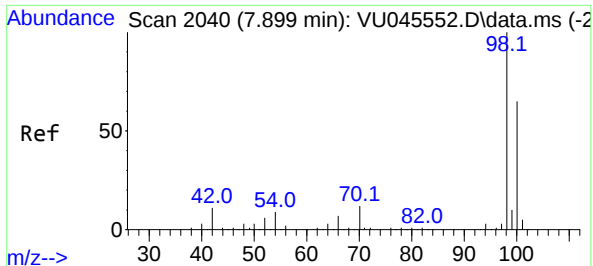
Ion Ratio Lower Upper

117 100

119 4.2 77.4 116.0#

121 0.0 24.8 37.2#

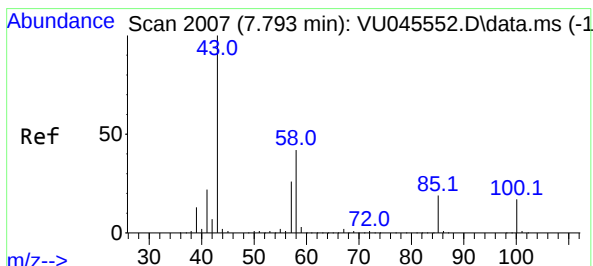
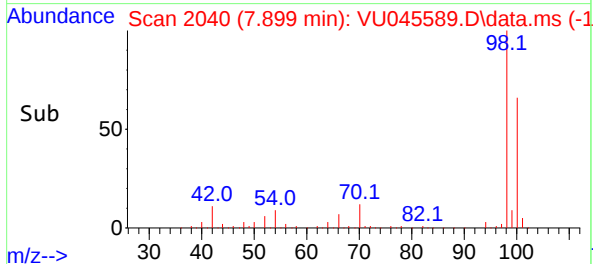
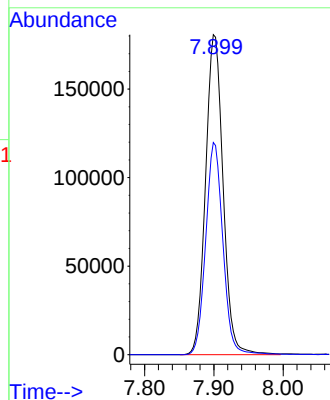
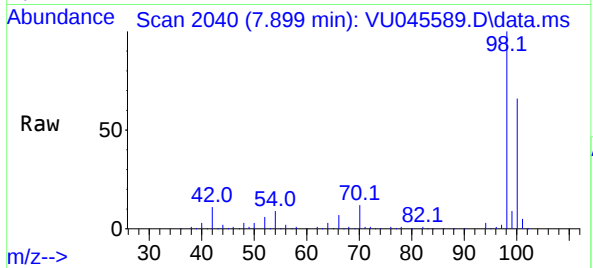




#50
Toluene-d8
Concen: 52.619 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. -0.000 min
Lab File: VU045589.D
Acq: 06 Nov 2021 03:40

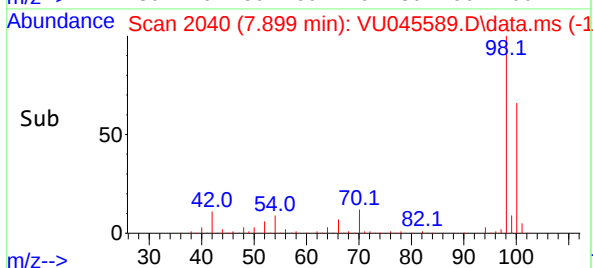
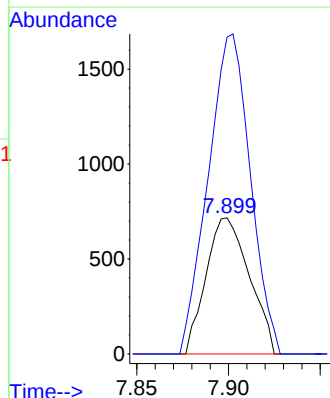
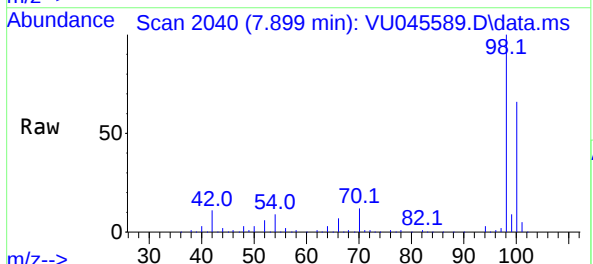
Instrument :
MSVOA_U
ClientSampleId :
TB01-20211102

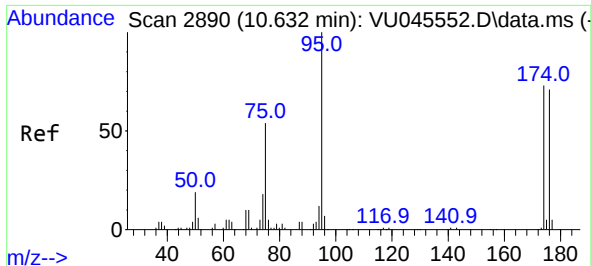
Tgt Ion: 98 Resp: 317277
Ion Ratio Lower Upper
98 100
100 65.1 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.428 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. 0.106 min
Lab File: VU045589.D
Acq: 06 Nov 2021 03:40

Tgt Ion: 43 Resp: 1175
Ion Ratio Lower Upper
43 100
58 228.8 33.8 50.8#

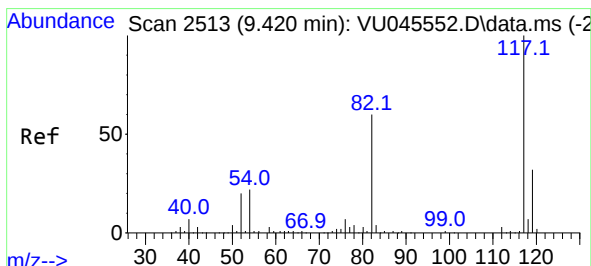
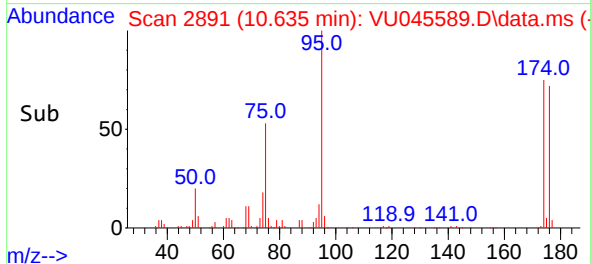
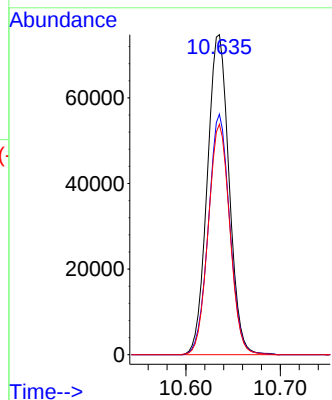
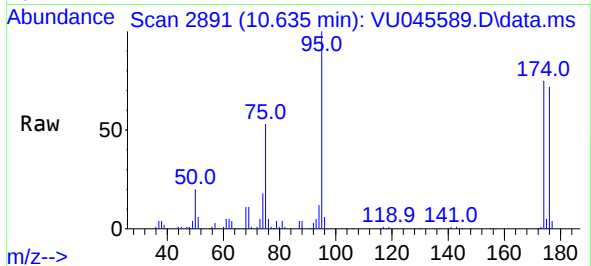




#62
4-Bromofluorobenzene
Concen: 49.520 ug/l
RT: 10.635 min Scan# 2890
Delta R.T. 0.003 min
Lab File: VU045589.D
Acq: 06 Nov 2021 03:40

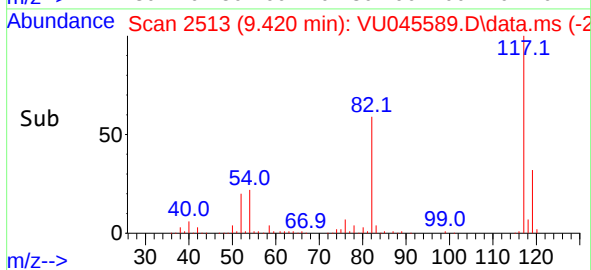
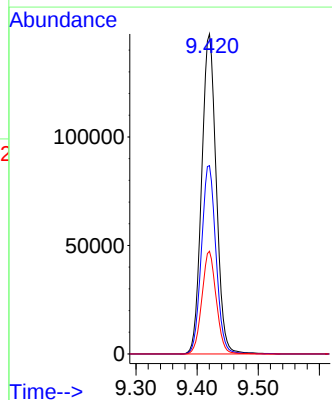
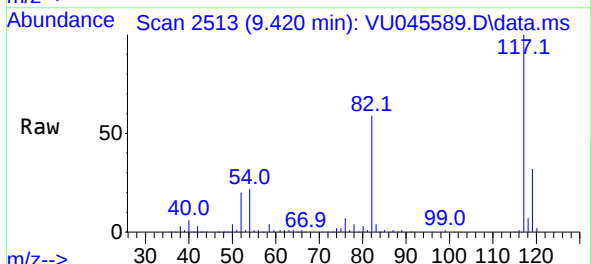
Instrument :
MSVOA_U
ClientSampleId :
TB01-20211102

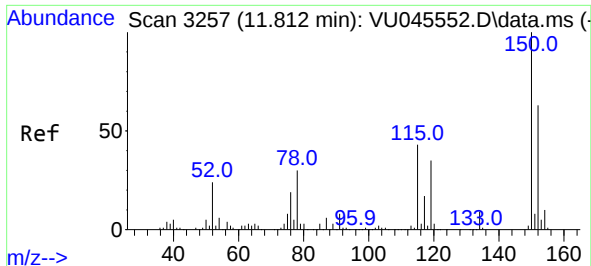
Tgt Ion: 95 Resp: 119732
Ion Ratio Lower Upper
95 100
174 73.7 0.0 141.8
176 71.2 0.0 138.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045589.D
Acq: 06 Nov 2021 03:40

Tgt Ion: 117 Resp: 244422
Ion Ratio Lower Upper
117 100
82 58.8 47.8 71.8
119 32.1 25.8 38.8

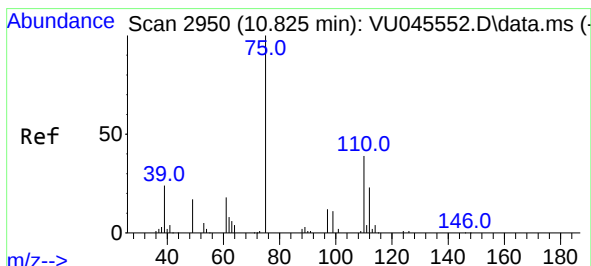
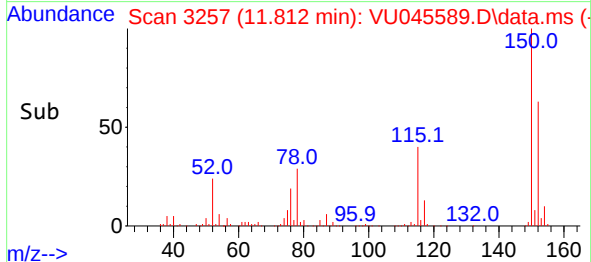
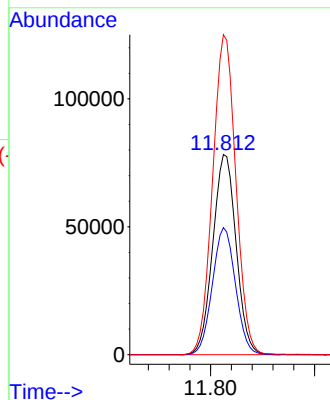
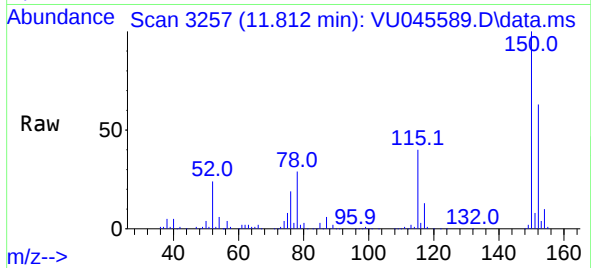




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU045589.D
Acq: 06 Nov 2021 03:40

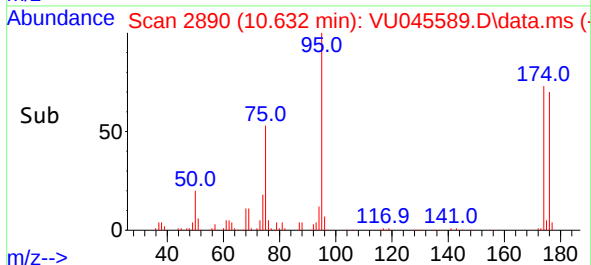
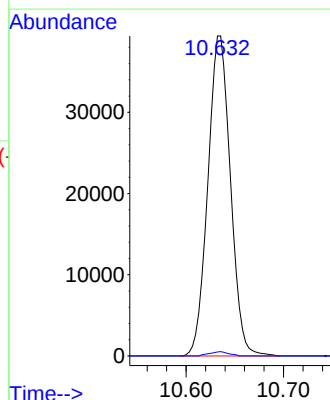
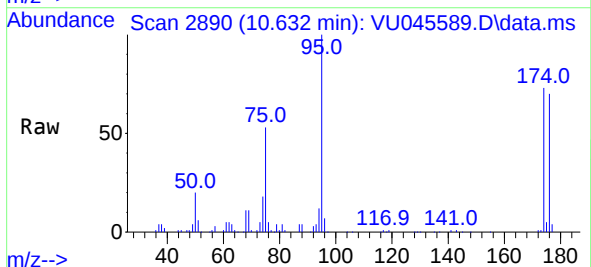
Instrument :
MSVOA_U
ClientSampleId :
TB01-20211102

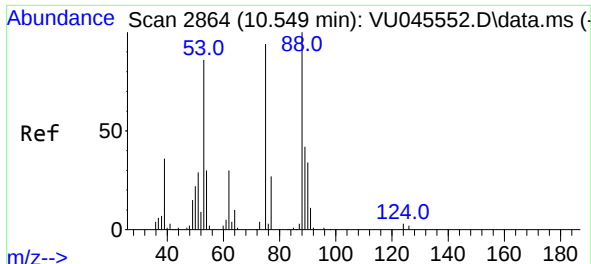
Tgt Ion:152 Resp: 122204
Ion Ratio Lower Upper
152 100
115 62.8 42.7 128.1
150 158.9 0.0 346.8



#76
1,2,3-Trichloropropane
Concen: 17.132 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.193 min
Lab File: VU045589.D
Acq: 06 Nov 2021 03:40

Tgt Ion: 75 Resp: 63490
Ion Ratio Lower Upper
75 100
77 1.1 17.1 51.3#

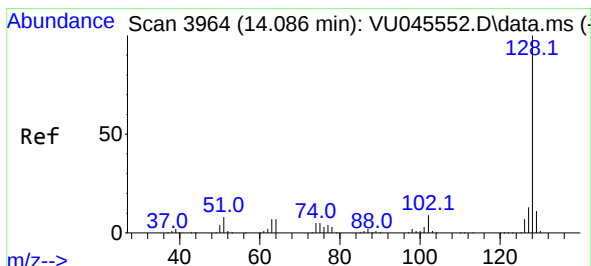
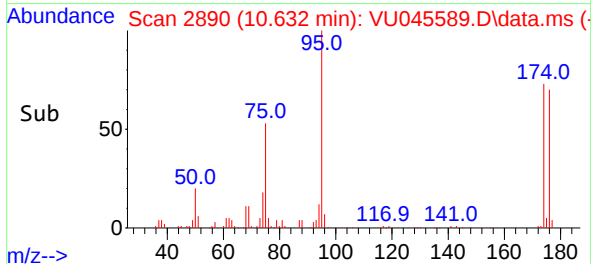
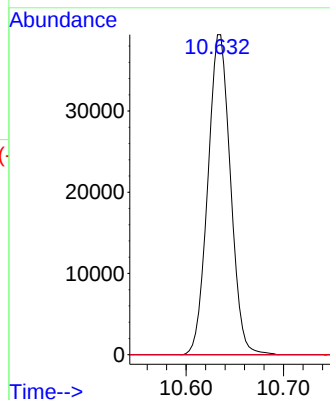
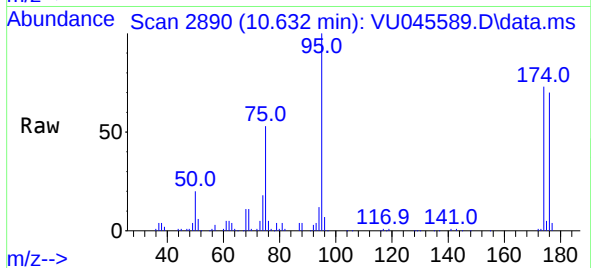




#81
trans-1,4-Dichloro-2-butene
Concen: 55.757 ug/l
RT: 10.632 min Scan# 21
Delta R.T. 0.083 min
Lab File: VU045589.D
Acq: 06 Nov 2021 03:40

Instrument :
MSVOA_U
ClientSampleId :
TB01-20211102

Tgt Ion: 75 Resp: 63490
Ion Ratio Lower Upper
75 100
53 0.0 76.2 114.4#
89 0.0 34.0 51.0#



#95
Naphthalene
Concen: 1.056 ug/l
RT: 14.089 min Scan# 3965
Delta R.T. 0.003 min
Lab File: VU045589.D
Acq: 06 Nov 2021 03:40

Tgt Ion:128 Resp: 275
Ion Ratio Lower Upper
128 100
127 0.0 10.6 15.8#
129 0.0 8.6 13.0#

