

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060322\
 Data File : VU048864.D
 Acq On : 03 Jun 2022 17:51
 Operator : SY/MD
 Sample : N3112-21
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DUP02-20220527

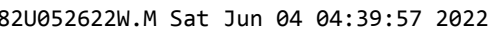
Quant Time: Jun 04 04:39:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 27 06:42:31 2022
 Response via : Initial Calibration

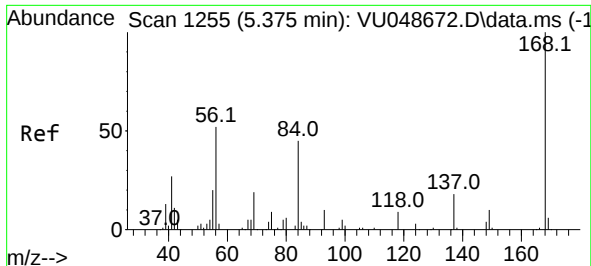
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.372	168	278142	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	460172	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	422566	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	181312	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	215213	51.521	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	103.040%
35) Dibromofluoromethane	5.288	113	159607	48.617	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.240%
50) Toluene-d8	7.899	98	577852	49.103	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.200%
62) 4-Bromofluorobenzene	10.632	95	191056	42.928	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	85.860%
Target Compounds						
					Qvalue	
3) Chloromethane	1.520	50	1200	0.293	ug/l	90
5) Bromomethane	1.842	94	128	Below Cal		91
6) Chloroethane	1.919	64	255	Below Cal	#	43
11) Tert butyl alcohol	3.182	59	3431	3.240	ug/l #	28
13) Acrolein	2.488	56	56	Below Cal	#	1
14) Allyl chloride	2.758	41	3229	0.589	ug/l #	66
16) Acetone	2.626	43	4869	2.287	ug/l #	80
18) Methyl Acetate	2.761	43	8700	1.628	ug/l #	51
25) 2-Butanone	4.716	43	642	0.210	ug/l	90
27) cis-1,2-Dichloroethene	4.671	96	3953	1.055	ug/l	84
31) Cyclohexane	5.375	56	5928	1.126	ug/l #	1
36) 1,1-Dichloropropene	5.372	75	23362	4.876	ug/l #	49
38) Carbon Tetrachloride	5.372	117	29680	5.399	ug/l #	18
44) Trichloroethene	6.542	130	8299	2.277	ug/l	91
51) 4-Methyl-2-Pentanone	7.896	43	2592	0.454	ug/l #	1
74) N-amyl acetate	10.523	43	20	2.470	ug/l #	41
76) 1,2,3-Trichloropropane	10.632	75	97810	16.731	ug/l #	48
81) trans-1,4-Dichloro-2-b...	10.632	75	97810	60.749	ug/l #	13
84) 1,2,4-Trimethylbenzene	11.475	105	47	1.191	ug/l #	31
95) Naphthalene	14.105	128	900	2.592	ug/l #	69

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

Quant Time: Jun 04 04:39:49 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
Quant Title : SW846 8260
QLast Update : Fri May 27 06:42:31 2022
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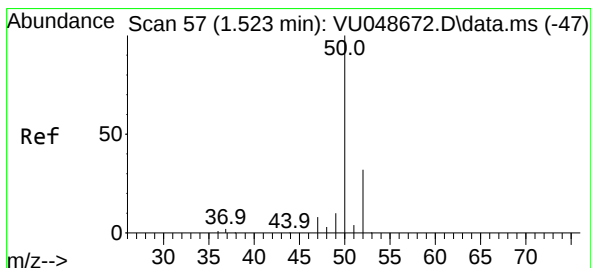
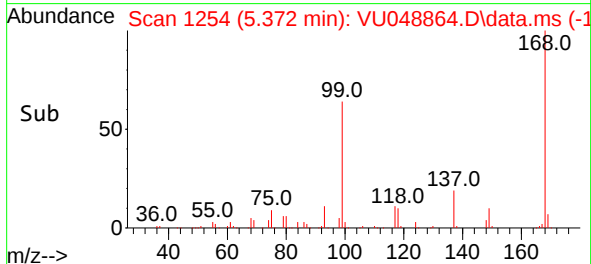
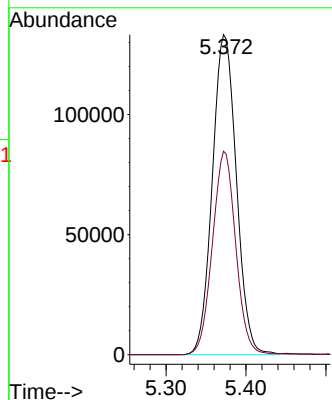
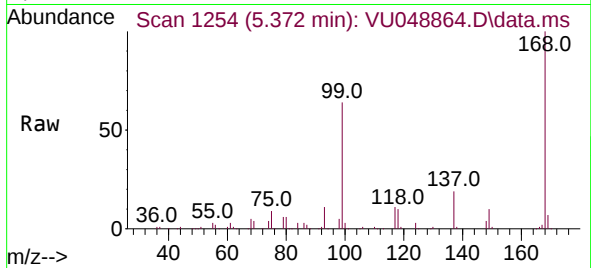




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU048864.D
Acq: 03 Jun 2022 17:51

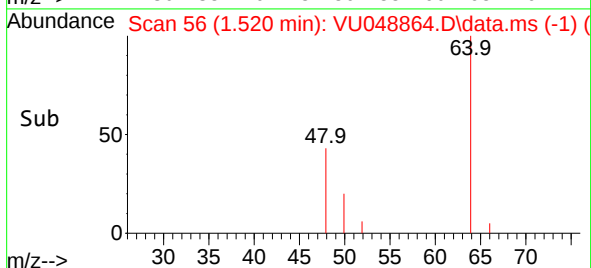
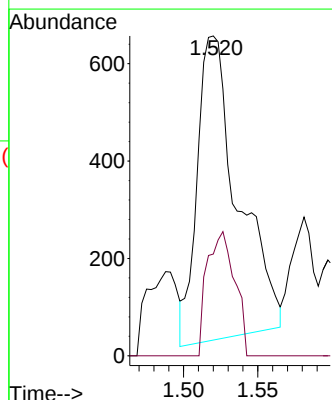
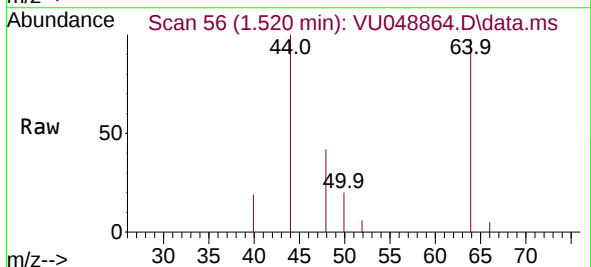
Instrument :
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DUP02-20220527

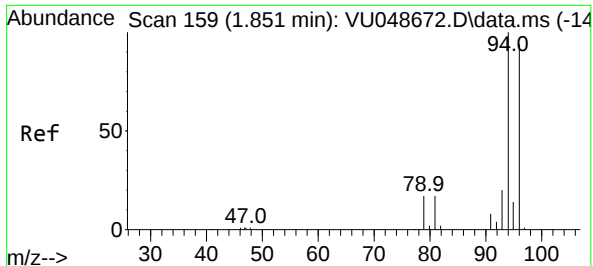
Tgt Ion:168 Resp: 278142
Ion Ratio Lower Upper
168 100
99 63.6 49.3 73.9



#3
Chloromethane
Concen: 0.293 ug/l
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU048864.D
Acq: 03 Jun 2022 17:51

Tgt Ion: 50 Resp: 1200
Ion Ratio Lower Upper
50 100
52 37.5 25.7 38.5

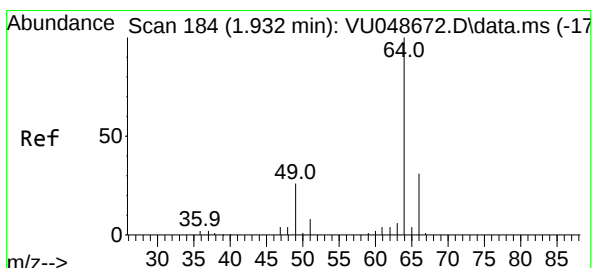
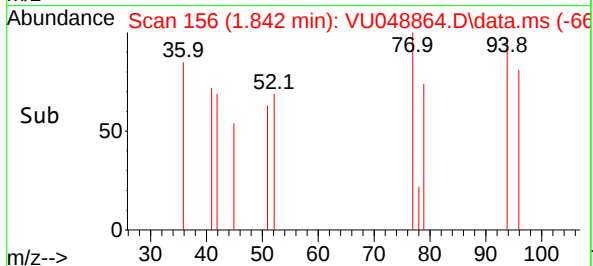
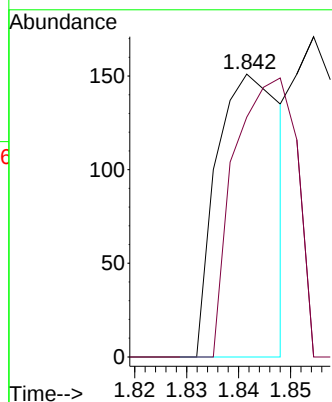
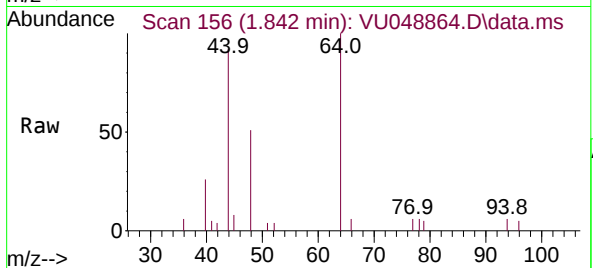




#5
Bromomethane
Concen: Below Cal
RT: 1.842 min Scan# 11
Delta R.T. -0.009 min
Lab File: VU048864.D
Acq: 03 Jun 2022 17:51

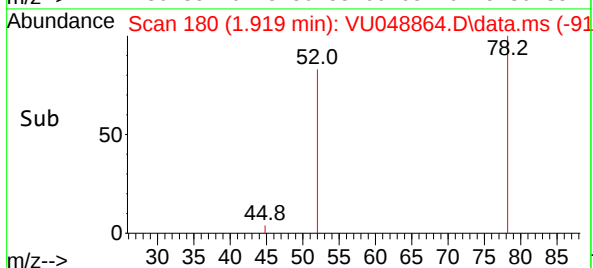
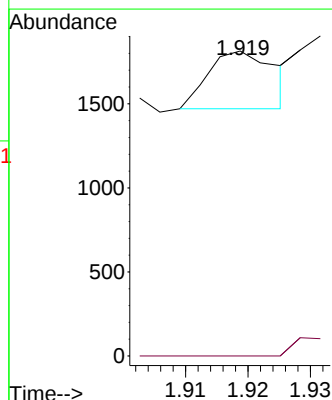
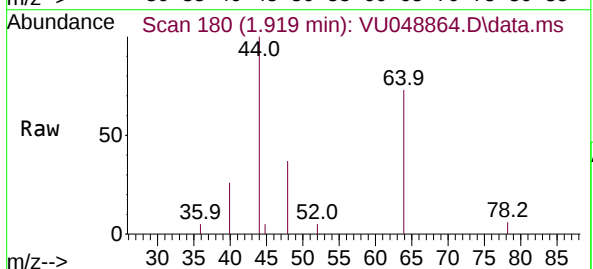
Instrument :
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ClientSampleId :
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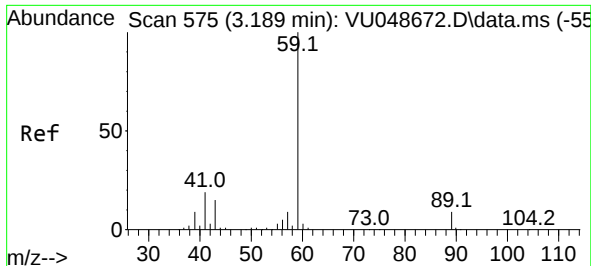
Tgt Ion: 94 Resp: 128
Ion Ratio Lower Upper
94 100
96 84.8 75.1 112.7



#6
Chloroethane
Concen: Below Cal
RT: 1.919 min Scan# 180
Delta R.T. -0.013 min
Lab File: VU048864.D
Acq: 03 Jun 2022 17:51

Tgt Ion: 64 Resp: 255
Ion Ratio Lower Upper
64 100
66 0.0 25.2 37.8#





#11

Tert butyl alcohol

Concen: 3.240 ug/l

RT: 3.182 min Scan# 51

Delta R.T. -0.007 min

Lab File: VU048864.D

Acq: 03 Jun 2022 17:51

Instrument :

MSVOA_U

ClientSampleId :

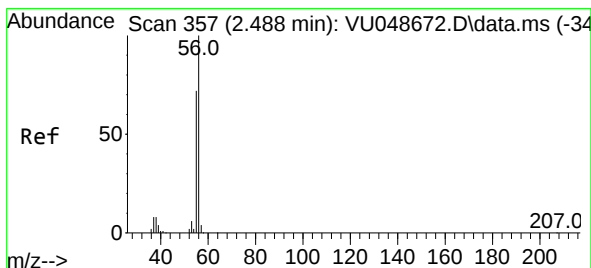
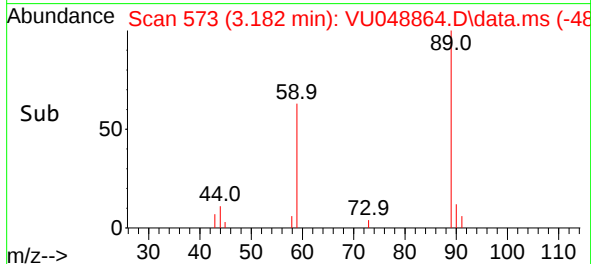
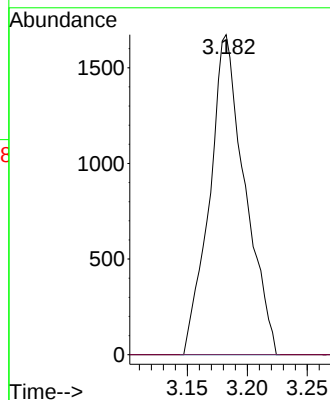
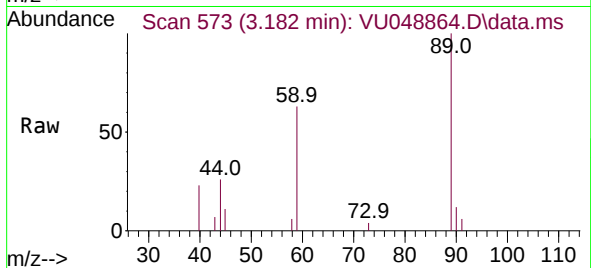
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Tgt Ion: 59 Resp: 3431

Ion Ratio Lower Upper

59 100

57 0.0 39.7 59.5#



#13

Acrolein

Concen: Below Cal

RT: 2.488 min Scan# 357

Delta R.T. -0.000 min

Lab File: VU048864.D

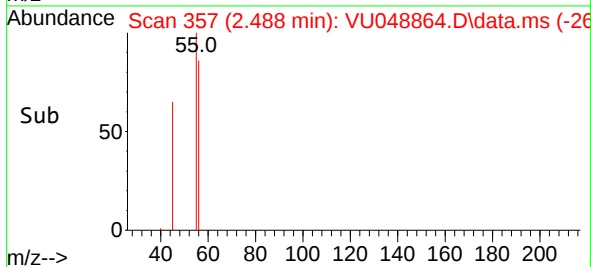
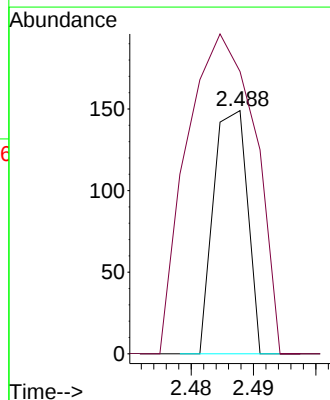
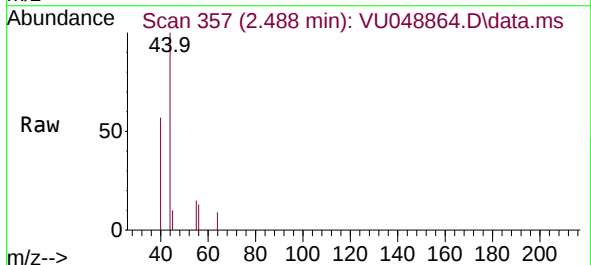
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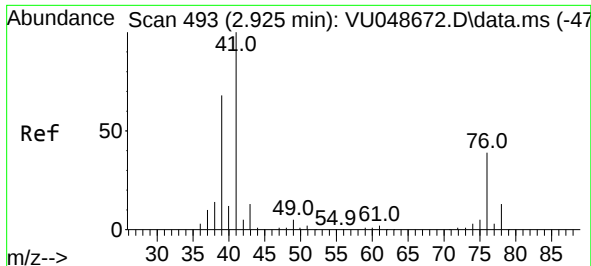
Tgt Ion: 56 Resp: 56

Ion Ratio Lower Upper

56 100

55 266.1 57.7 86.5#

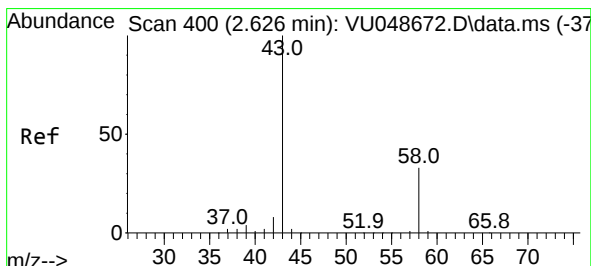
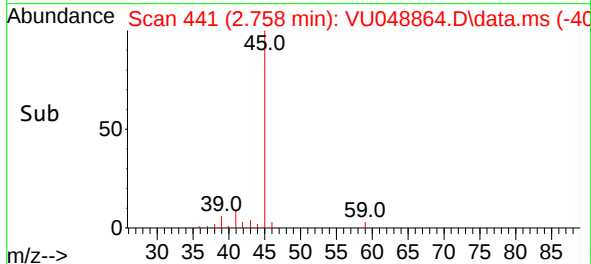
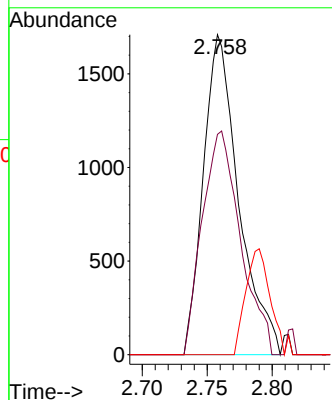
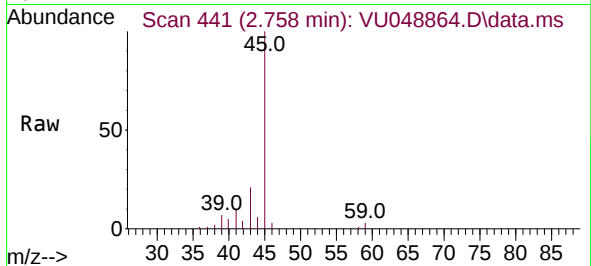




#14
 Allyl chloride
 Concen: 0.589 ug/l
 RT: 2.758 min Scan# 41
 Delta R.T. -0.167 min
 Lab File: VU048864.D
 Acq: 03 Jun 2022 17:51

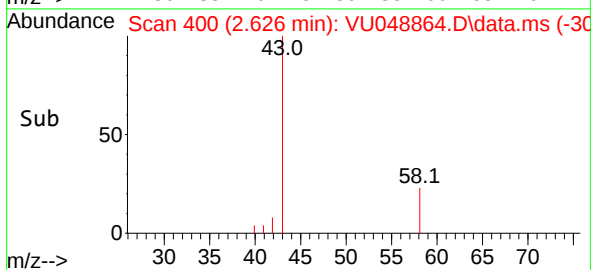
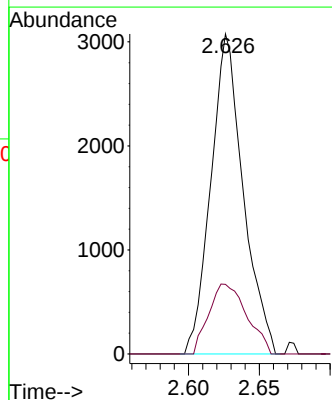
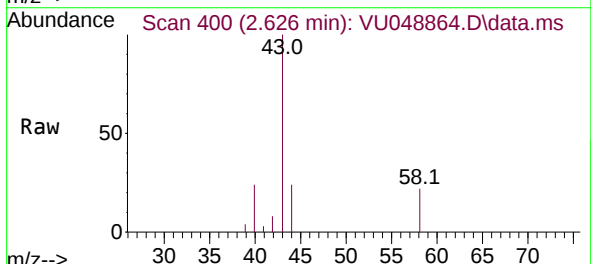
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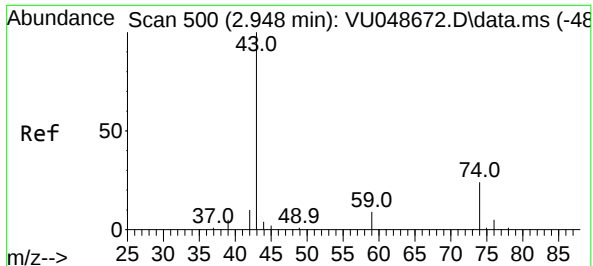
Tgt Ion: 41 Resp: 3229
 Ion Ratio Lower Upper
 41 100
 39 75.8 48.6 72.8#
 76 0.0 27.0 40.4#



#16
 Acetone
 Concen: 2.287 ug/l
 RT: 2.626 min Scan# 400
 Delta R.T. -0.000 min
 Lab File: VU048864.D
 Acq: 03 Jun 2022 17:51

Tgt Ion: 43 Resp: 4869
 Ion Ratio Lower Upper
 43 100
 58 21.8 26.3 39.5#

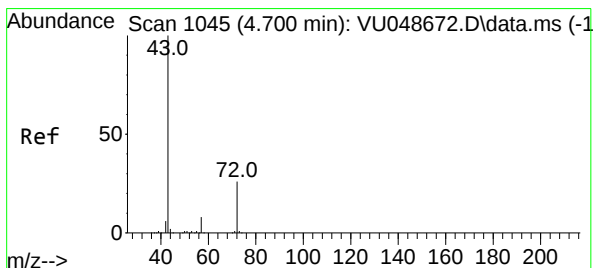
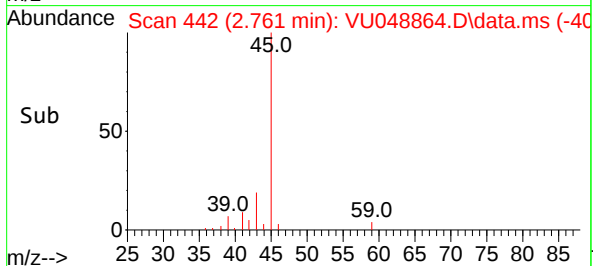
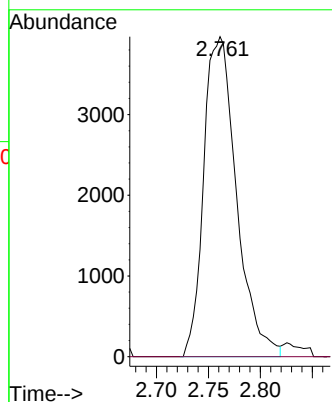
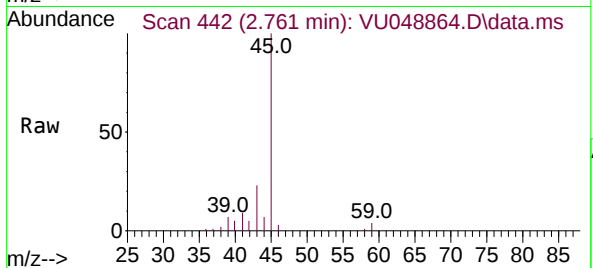




#18
Methyl Acetate
Concen: 1.628 ug/l
RT: 2.761 min Scan# 44
Delta R.T. -0.187 min
Lab File: VU048864.D
Acq: 03 Jun 2022 17:51

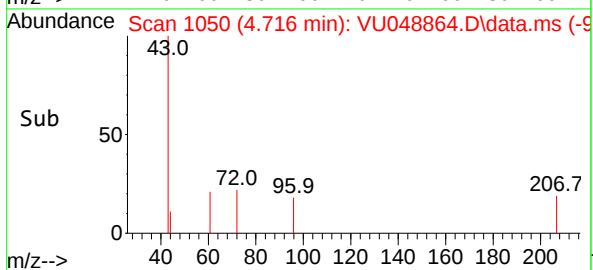
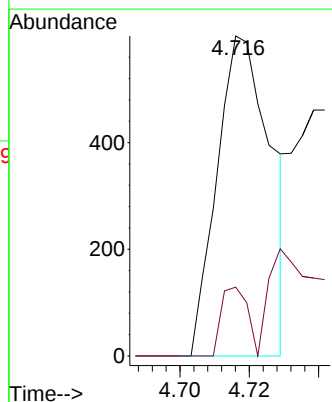
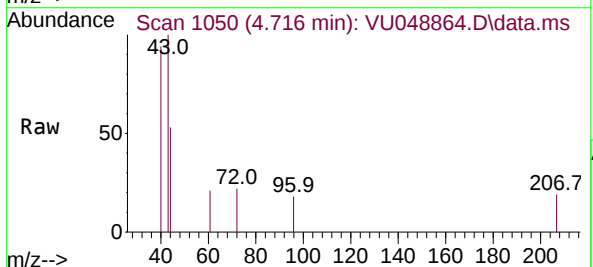
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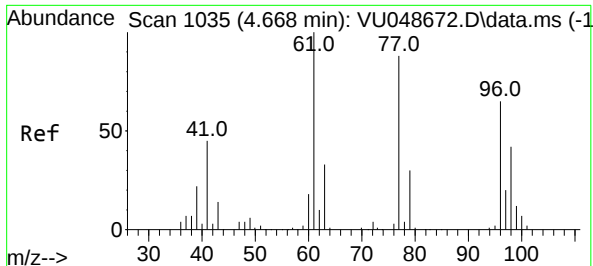
Tgt Ion: 43 Resp: 8700
Ion Ratio Lower Upper
43 100
74 0.0 19.2 28.8#



#25
2-Butanone
Concen: 0.210 ug/l
RT: 4.716 min Scan# 1050
Delta R.T. 0.016 min
Lab File: VU048864.D
Acq: 03 Jun 2022 17:51

Tgt Ion: 43 Resp: 642
Ion Ratio Lower Upper
43 100
72 21.5 21.1 31.7

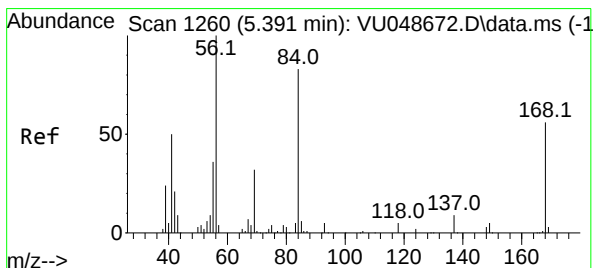
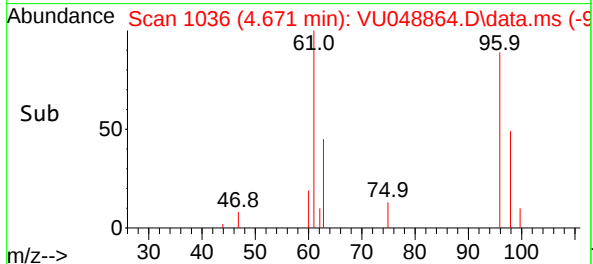
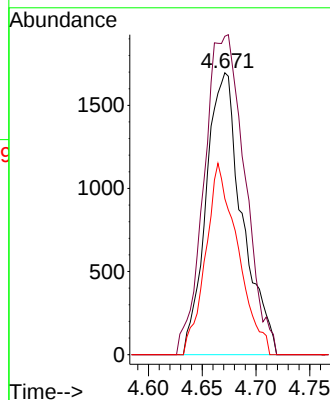
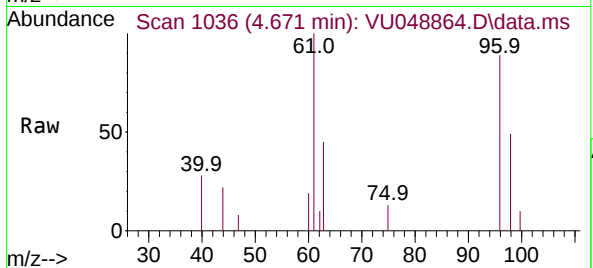




#27
 cis-1,2-Dichloroethene
 Concen: 1.055 ug/l
 RT: 4.671 min Scan# 1036
 Delta R.T. 0.003 min
 Lab File: VU048864.D
 Acq: 03 Jun 2022 17:51

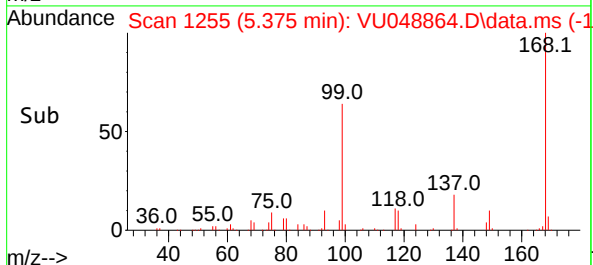
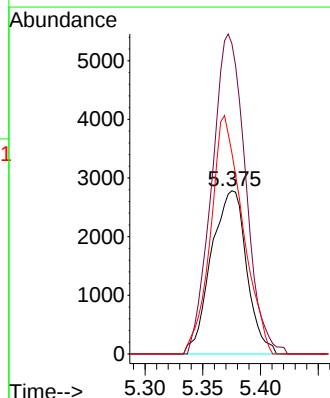
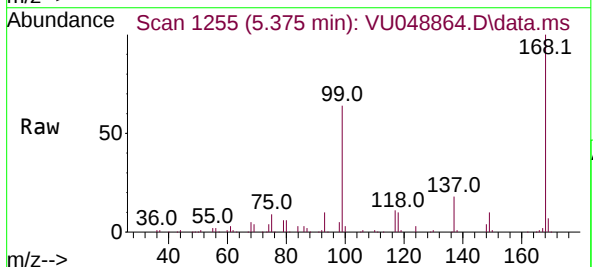
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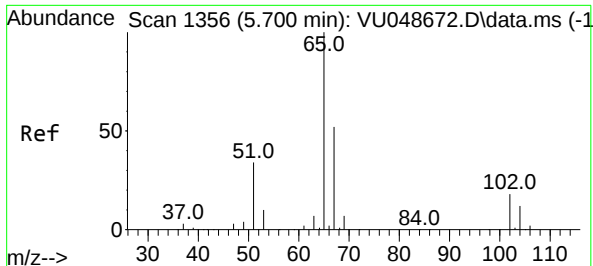
Tgt Ion: 96	Resp:	3953	
Ion	Ratio	Lower	Upper
96	100		
61	127.8	0.0	306.2
98	60.7	0.0	130.4



#31
 Cyclohexane
 Concen: 1.126 ug/l
 RT: 5.375 min Scan# 1255
 Delta R.T. -0.016 min
 Lab File: VU048864.D
 Acq: 03 Jun 2022 17:51

Tgt Ion: 56	Resp:	5928	
Ion	Ratio	Lower	Upper
56	100		
69	190.1	25.6	38.4#
84	123.2	66.2	99.4#





#33

1,2-Dichloroethane-d4

Concen: 51.521 ug/l

RT: 5.700 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU048864.D

Acq: 03 Jun 2022 17:51

Instrument :

MSVOA_U

ClientSampleId :

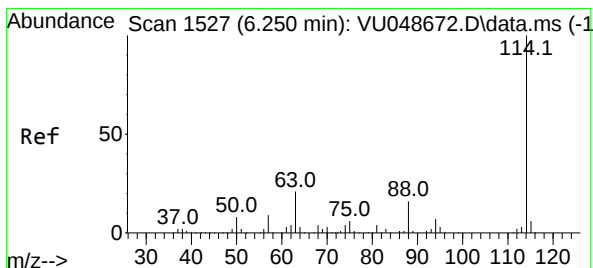
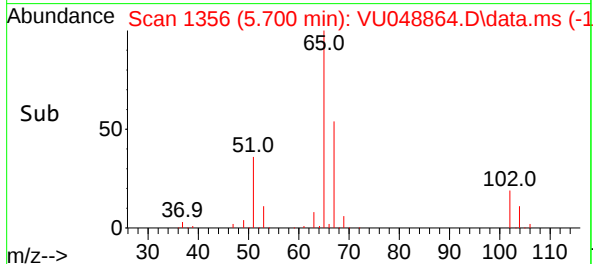
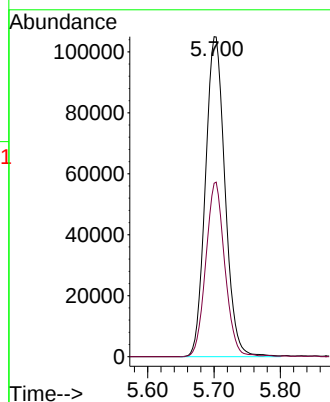
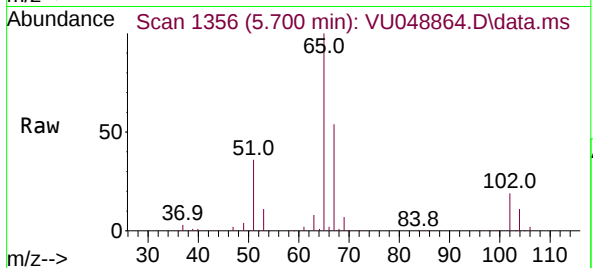
DUP02-20220527

Tgt Ion: 65 Resp: 215213

Ion Ratio Lower Upper

65 100

67 52.8 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.250 min Scan# 1527

Delta R.T. -0.000 min

Lab File: VU048864.D

Acq: 03 Jun 2022 17:51

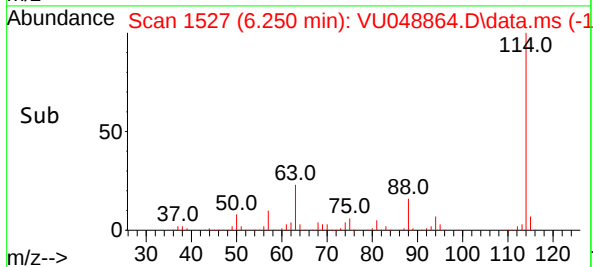
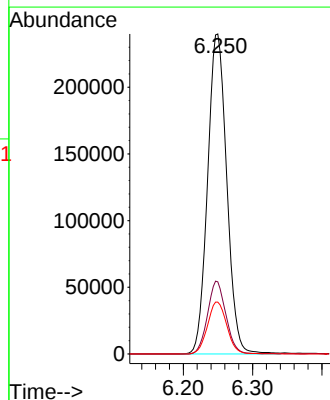
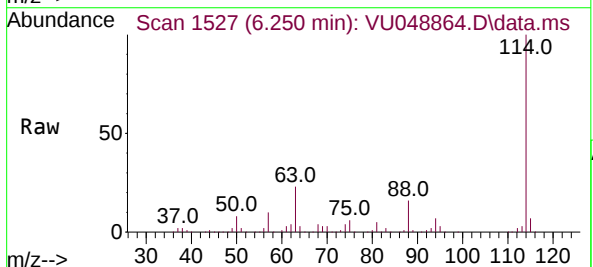
Tgt Ion: 114 Resp: 460172

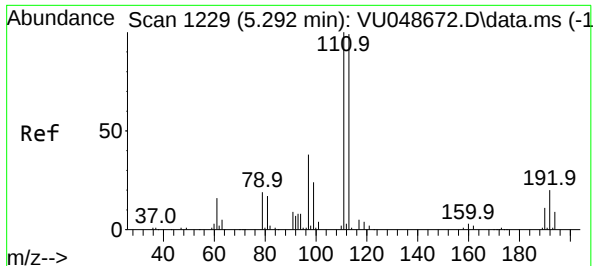
Ion Ratio Lower Upper

114 100

63 22.6 0.0 42.6

88 16.2 0.0 32.2

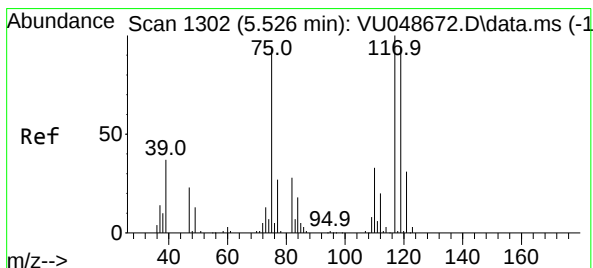
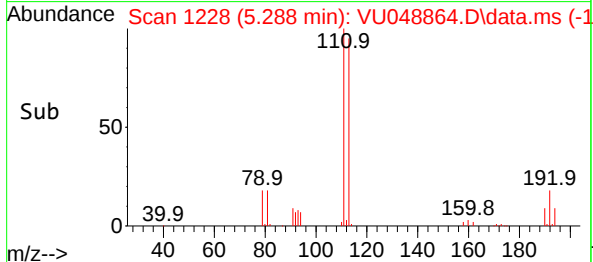
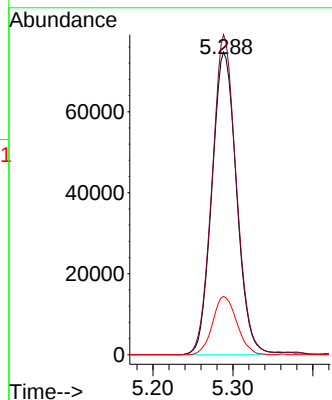
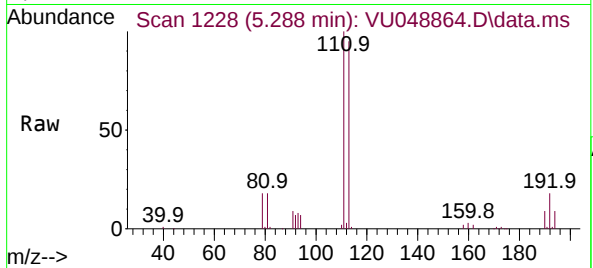




#35
Dibromofluoromethane
Concen: 48.617 ug/l
RT: 5.288 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU048864.D
Acq: 03 Jun 2022 17:51

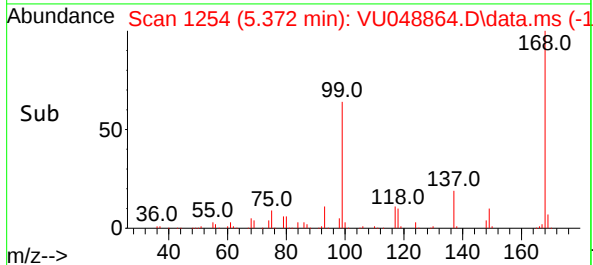
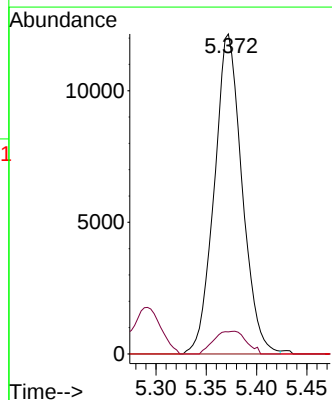
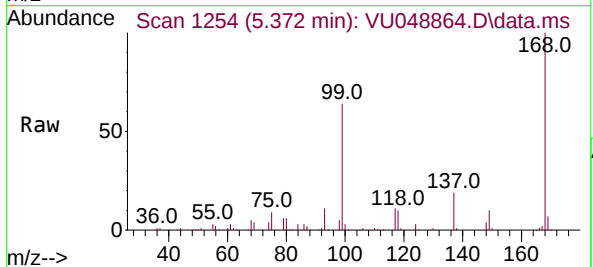
Instrument :
MSVOA_U
ClientSampleId :
DUP02-20220527

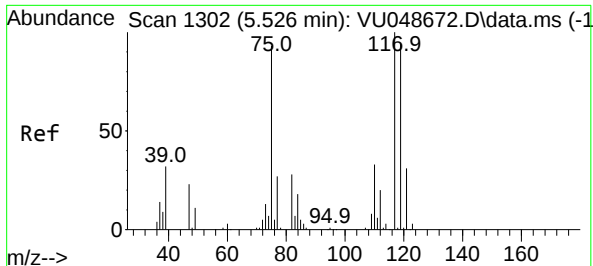
Tgt Ion:113 Resp: 159607
Ion Ratio Lower Upper
113 100
111 104.3 80.7 121.1
192 18.9 15.9 23.9



#36
1,1-Dichloropropene
Concen: 4.876 ug/l
RT: 5.372 min Scan# 1254
Delta R.T. -0.154 min
Lab File: VU048864.D
Acq: 03 Jun 2022 17:51

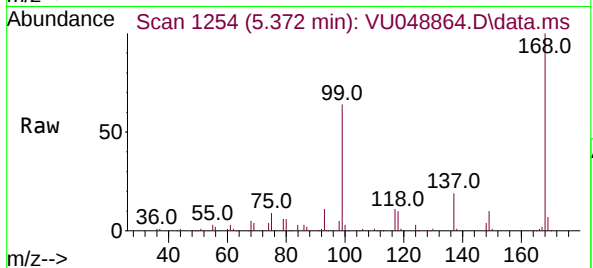
Tgt Ion: 75 Resp: 23362
Ion Ratio Lower Upper
75 100
110 8.2 17.4 52.3#
77 0.0 24.8 37.2#



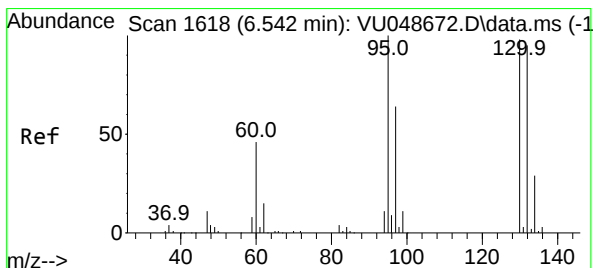
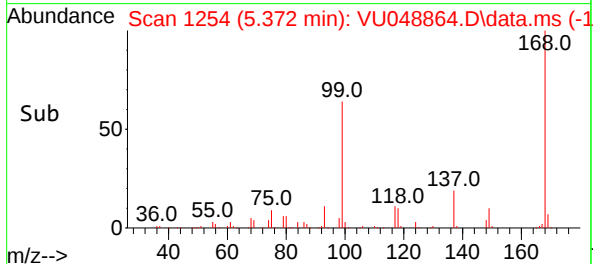
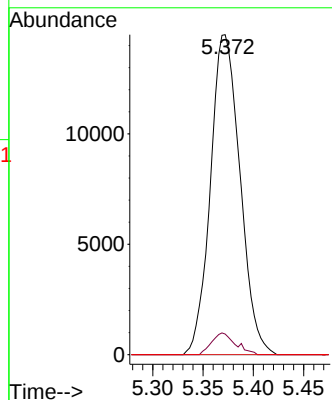


#38
Carbon Tetrachloride
Concen: 5.399 ug/l
RT: 5.372 min Scan# 117
Delta R.T. -0.154 min
Lab File: VU048864.D
Acq: 03 Jun 2022 17:51

Instrument :
MSVOA_U
ClientSampleId :
DUP02-20220527

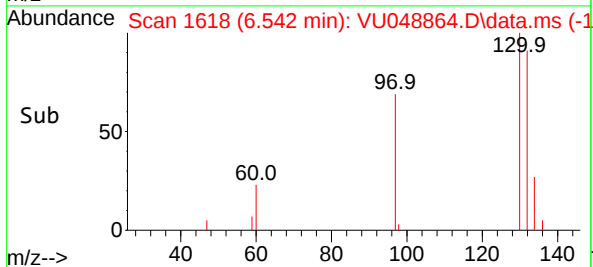
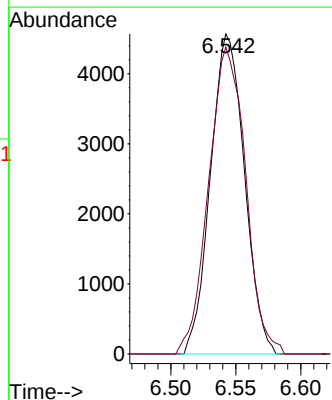
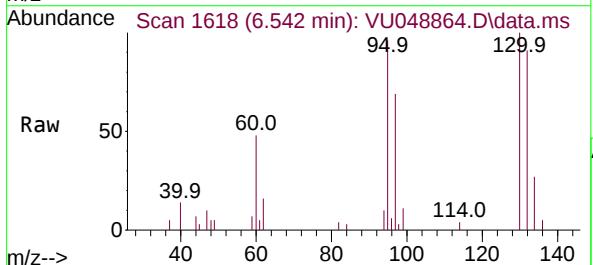


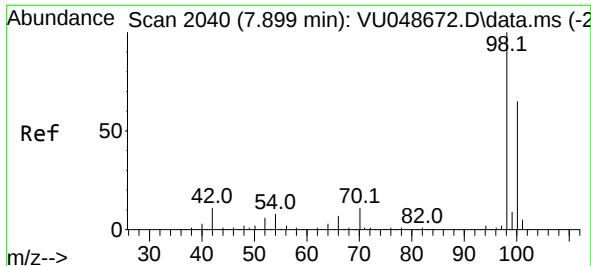
Tgt Ion:117 Resp: 29680
Ion Ratio Lower Upper
117 100
119 6.5 75.4 113.2#
121 0.0 24.6 36.8#



#44
Trichloroethene
Concen: 2.277 ug/l
RT: 6.542 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VU048864.D
Acq: 03 Jun 2022 17:51

Tgt Ion:130 Resp: 8299
Ion Ratio Lower Upper
130 100
95 93.5 0.0 204.8

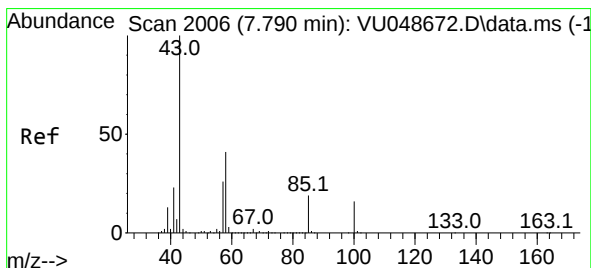
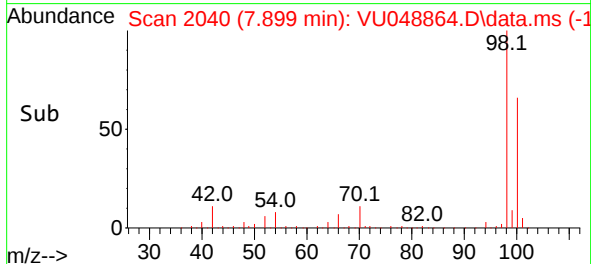
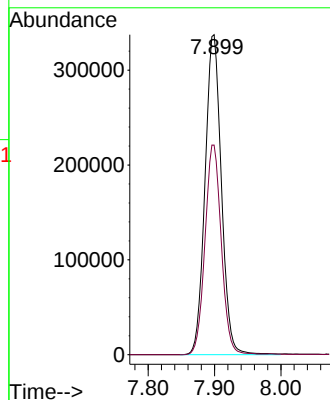
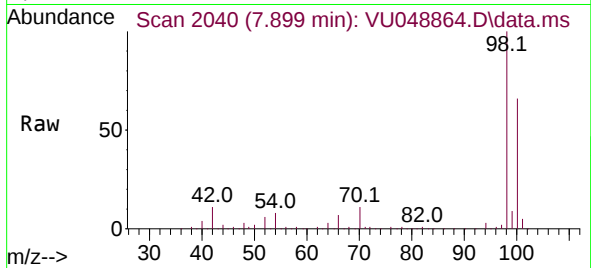




#50
Toluene-d8
Concen: 49.103 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. -0.000 min
Lab File: VU048864.D
Acq: 03 Jun 2022 17:51

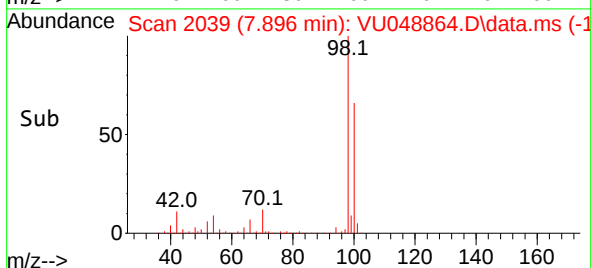
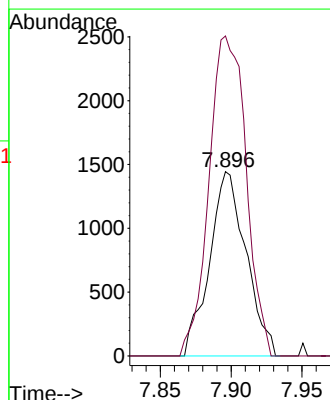
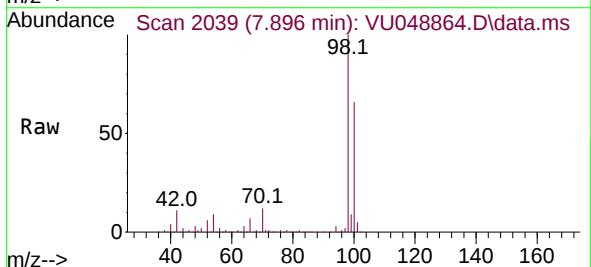
Instrument :
MSVOA_U
ClientSampleId :
DUP02-20220527

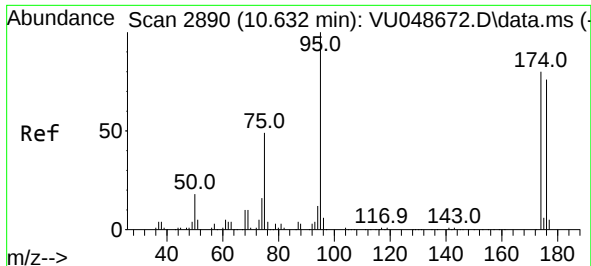
Tgt Ion: 98 Resp: 577852
Ion Ratio Lower Upper
98 100
100 65.3 52.2 78.4



#51
4-Methyl-2-Pentanone
Concen: 0.454 ug/l
RT: 7.896 min Scan# 2039
Delta R.T. 0.106 min
Lab File: VU048864.D
Acq: 03 Jun 2022 17:51

Tgt Ion: 43 Resp: 2592
Ion Ratio Lower Upper
43 100
58 176.3 32.7 49.1#

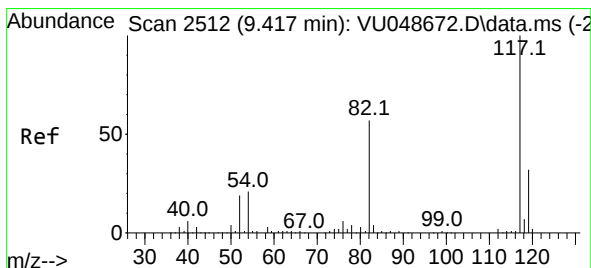
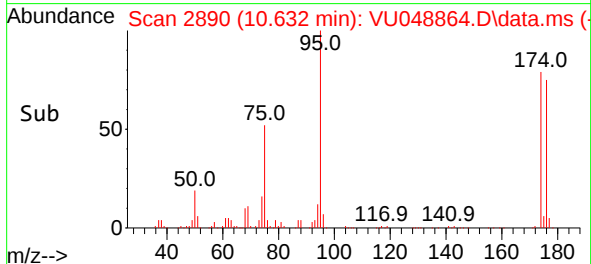
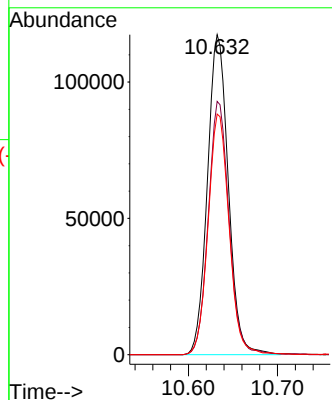
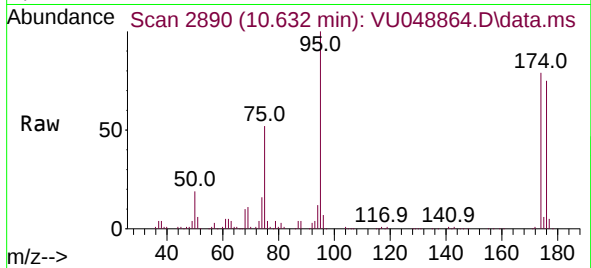




#62
4-Bromofluorobenzene
Concen: 42.928 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.000 min
Lab File: VU048864.D
Acq: 03 Jun 2022 17:51

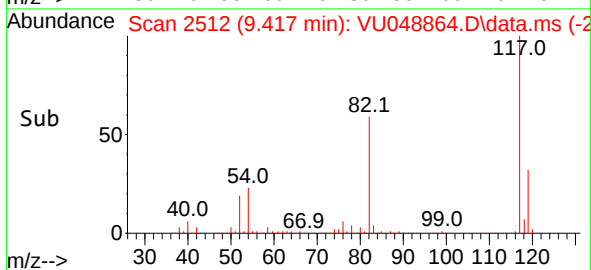
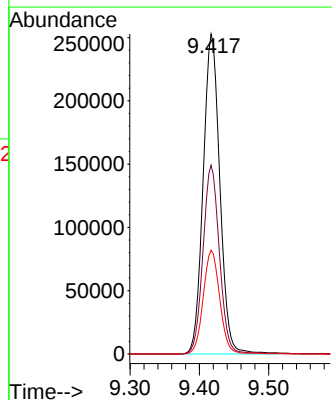
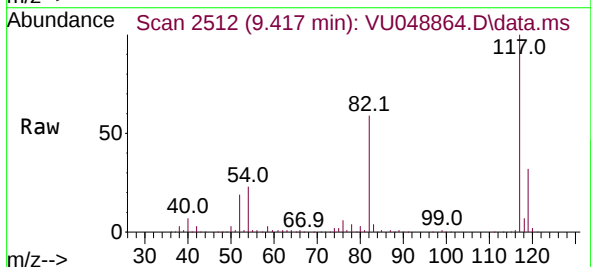
Instrument :
MSVOA_U
ClientSampleId :
DUP02-20220527

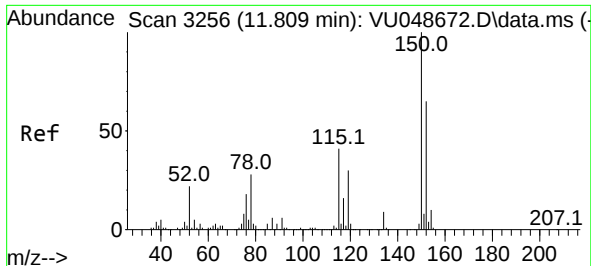
Tgt Ion: 95 Resp: 191056
Ion Ratio Lower Upper
95 100
174 78.7 0.0 159.4
176 75.6 0.0 152.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 2512
Delta R.T. -0.000 min
Lab File: VU048864.D
Acq: 03 Jun 2022 17:51

Tgt Ion: 117 Resp: 422566
Ion Ratio Lower Upper
117 100
82 58.9 45.3 67.9
119 32.4 25.4 38.2

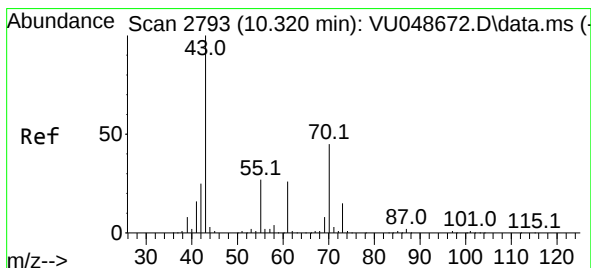
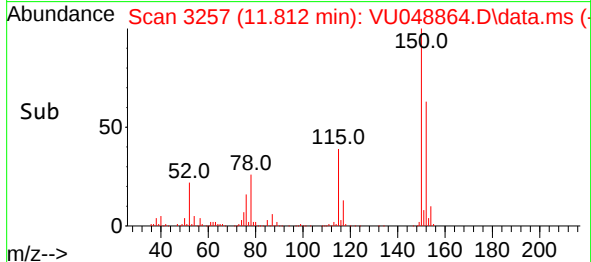
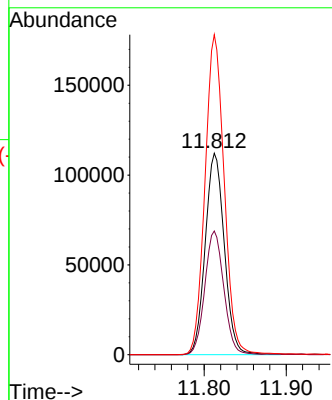
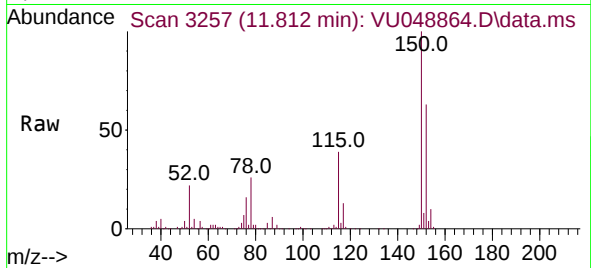




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU048864.D
Acq: 03 Jun 2022 17:51

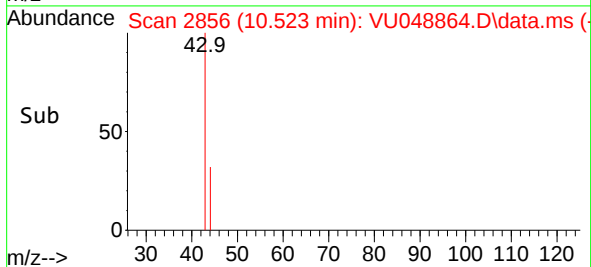
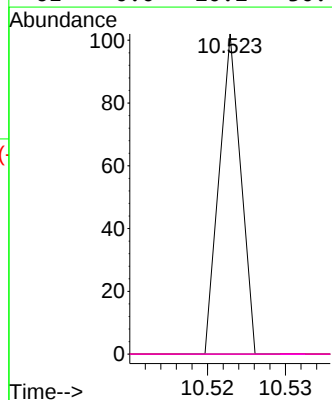
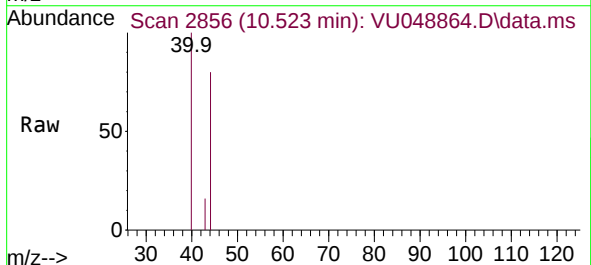
Instrument :
MSVOA_U
ClientSampleId :
DUP02-20220527

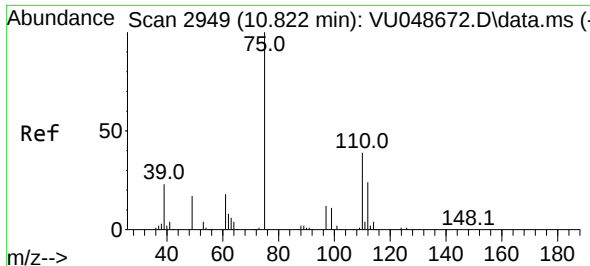
Tgt Ion:152 Resp: 181312
Ion Ratio Lower Upper
152 100
115 61.0 41.8 125.4
150 159.4 0.0 341.0



#74
N-ethyl acetate
Concen: 2.470 ug/l
RT: 10.523 min Scan# 2856
Delta R.T. 0.203 min
Lab File: VU048864.D
Acq: 03 Jun 2022 17:51

Tgt Ion: 43 Resp: 20
Ion Ratio Lower Upper
43 100
70 0.0 35.8 53.6#
55 0.0 21.1 31.7#
61 0.0 20.2 30.4#

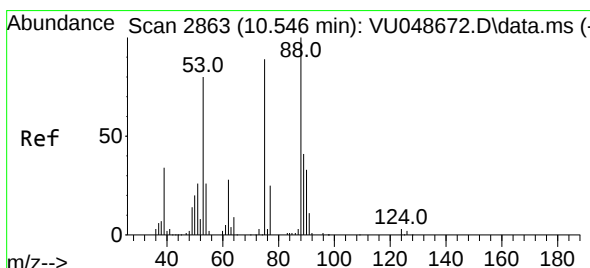
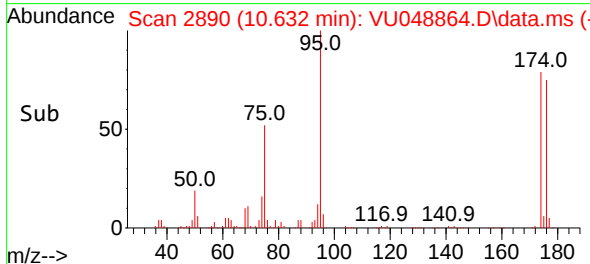
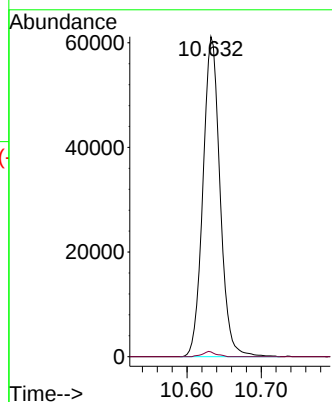
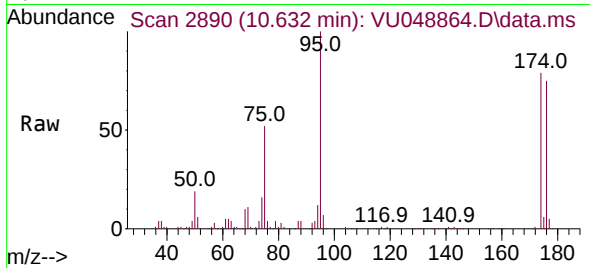




#76
1,2,3-Trichloropropane
Concen: 16.731 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.190 min
Lab File: VU048864.D
Acq: 03 Jun 2022 17:51

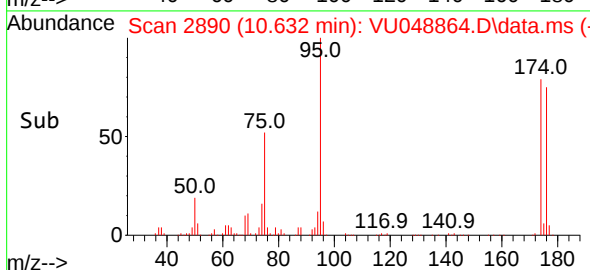
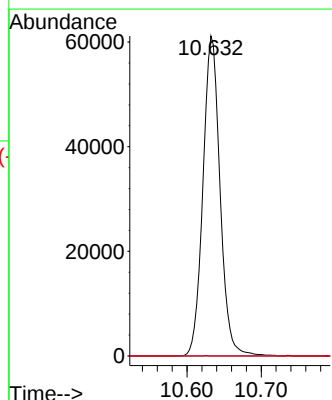
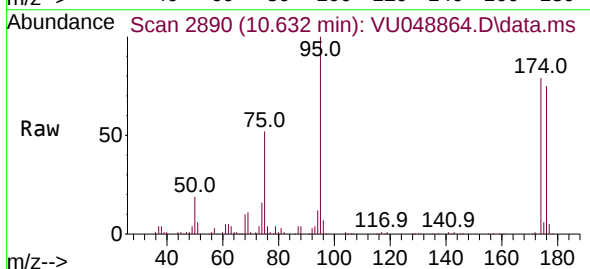
Instrument :
MSVOA_U
ClientSampleId :
DUP02-20220527

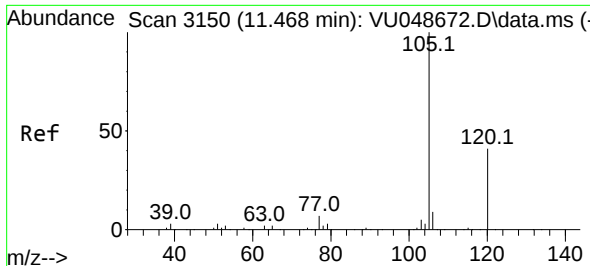
Tgt Ion: 75 Resp: 97810
Ion Ratio Lower Upper
75 100
77 1.3 14.8 44.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 60.749 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. 0.087 min
Lab File: VU048864.D
Acq: 03 Jun 2022 17:51

Tgt Ion: 75 Resp: 97810
Ion Ratio Lower Upper
75 100
53 0.0 72.5 108.7#
89 0.0 37.0 55.4#

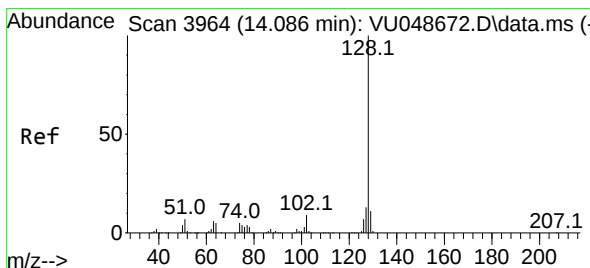
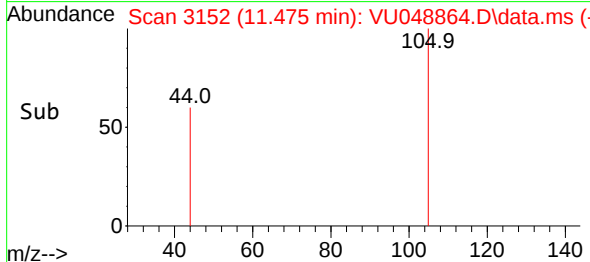
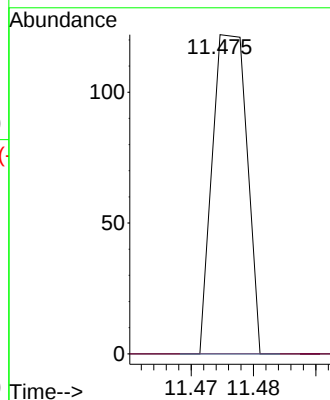
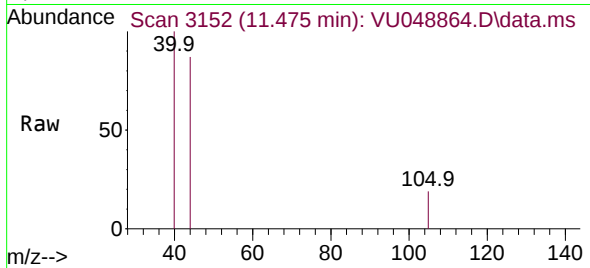




#84
1,2,4-Trimethylbenzene
Concen: 1.191 ug/l
RT: 11.475 min Scan# 31
Delta R.T. 0.007 min
Lab File: VU048864.D
Acq: 03 Jun 2022 17:51

Instrument :
MSVOA_U
ClientSampleId :
DUP02-20220527

Tgt Ion:105 Resp: 47
Ion Ratio Lower Upper
105 100
120 0.0 22.5 67.5#



#95
Naphthalene
Concen: 2.592 ug/l
RT: 14.105 min Scan# 3970
Delta R.T. 0.019 min
Lab File: VU048864.D
Acq: 03 Jun 2022 17:51

Tgt Ion:128 Resp: 900
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.4#
129 0.0 8.7 13.1#

