

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060222\
 Data File : VU048815.D
 Acq On : 02 Jun 2022 19:44
 Operator : SY/MD
 Sample : N3112-21 20X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DUP02-20220527

Quant Time: Jun 03 01:19:21 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)

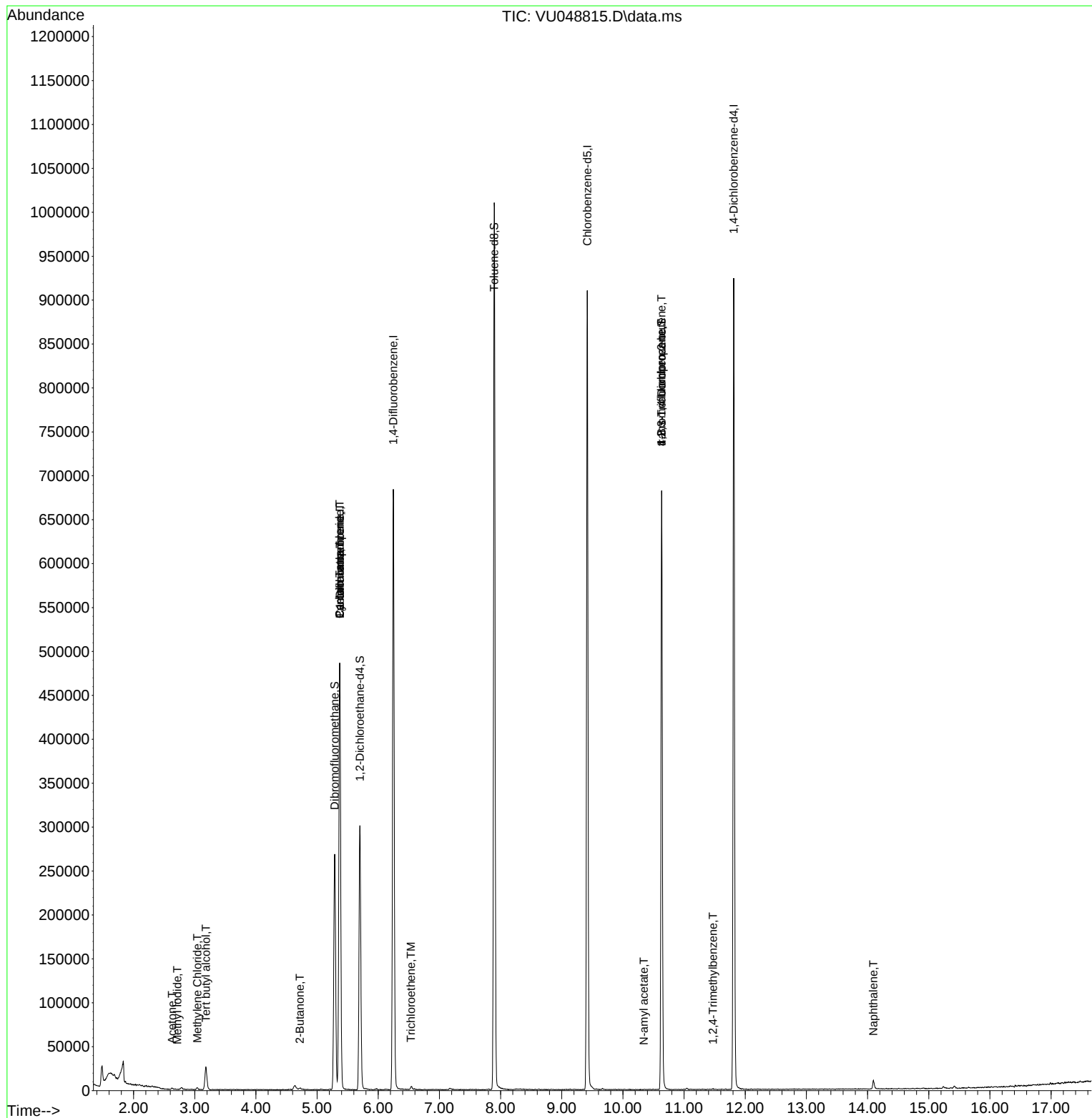
Internal Standards						
1) Pentafluorobenzene	5.372	168	335939	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.247	114	552265	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	498827	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	247904	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	228598	45.310	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.620%
35) Dibromofluoromethane	5.288	113	175574	44.562	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.120%
50) Toluene-d8	7.896	98	672173	47.593	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.180%
62) 4-Bromofluorobenzene	10.632	95	231979	43.431	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.860%
Target Compounds						
					Qvalue	
5) Bromomethane	1.829	94	477	Below Cal	#	78
6) Chloroethane	2.018	64	408	Below Cal	#	57
10) Methyl Iodide	2.716	142	39	3.011	ug/l #	1
11) Tert butyl alcohol	3.182	59	16109	12.594	ug/l #	28
13) Acrolein	2.488	56	78	Below Cal	#	80
16) Acetone	2.629	43	1541	0.599	ug/l #	68
20) Methylene Chloride	3.041	84	876	0.200	ug/l #	89
25) 2-Butanone	4.719	43	3025	0.819	ug/l #	90
31) Cyclohexane	5.372	56	7112	1.119	ug/l #	1
36) 1,1-Dichloropropene	5.372	75	26886	4.676	ug/l #	46
38) Carbon Tetrachloride	5.369	117	34021	5.157	ug/l #	18
44) Trichloroethene	6.536	130	1267	0.290	ug/l	88
74) N-amyl acetate	10.340	43	22	2.469	ug/l #	41
76) 1,2,3-Trichloropropane	10.632	75	116217	14.540	ug/l #	47
81) trans-1,4-Dichloro-2-b...	10.632	75	116217	52.792	ug/l #	13
84) 1,2,4-Trimethylbenzene	11.475	105	681	1.231	ug/l	87
95) Naphthalene	14.095	128	10298	3.034	ug/l	96

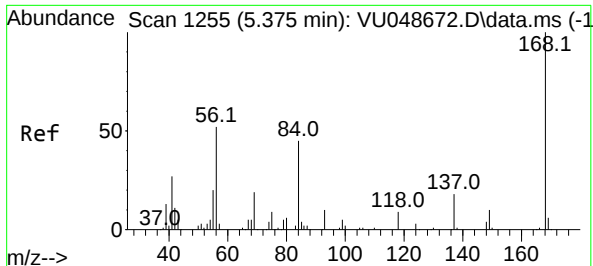
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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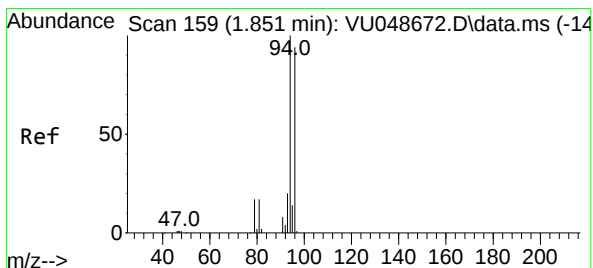
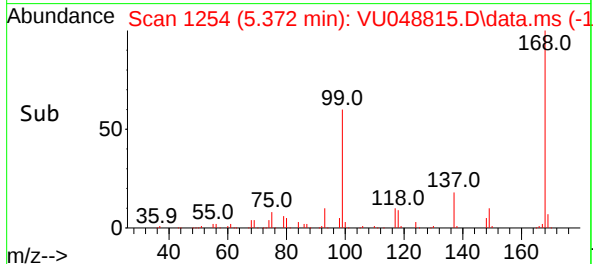
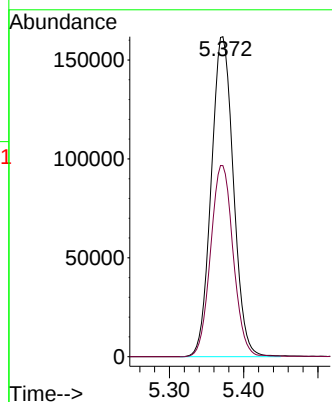
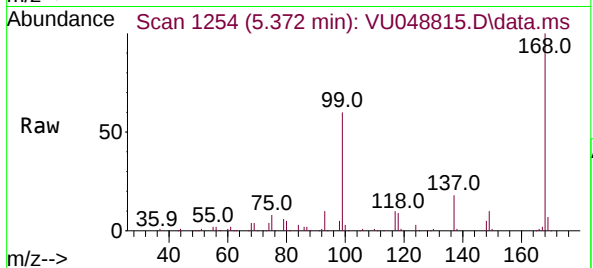




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU048815.D
Acq: 02 Jun 2022 19:44

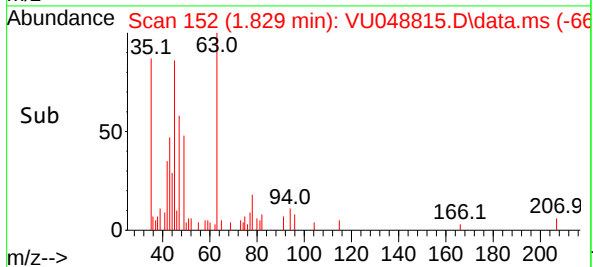
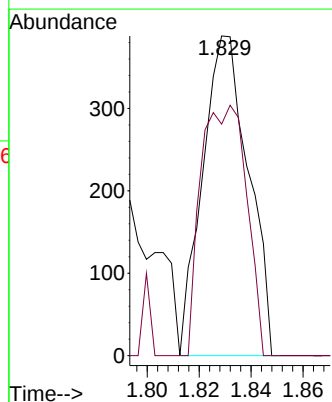
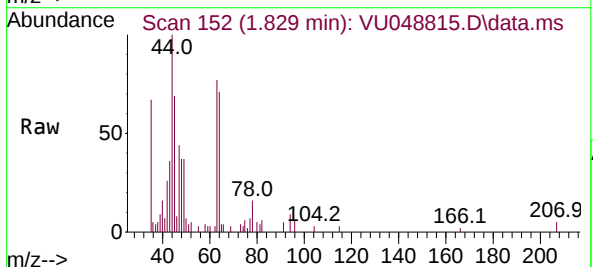
Instrument :
MSVOA_U
ClientSampleId :
DUP02-20220527

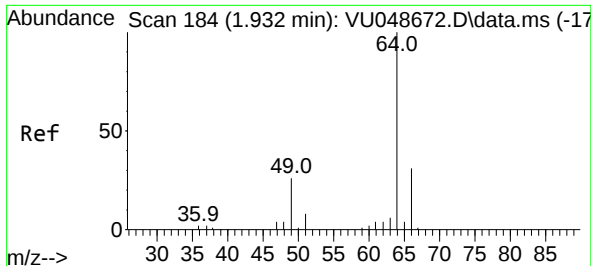
Tgt Ion:168 Resp: 335939
Ion Ratio Lower Upper
168 100
99 59.7 49.3 73.9



#5
Bromomethane
Concen: Below Cal
RT: 1.829 min Scan# 152
Delta R.T. -0.022 min
Lab File: VU048815.D
Acq: 02 Jun 2022 19:44

Tgt Ion: 94 Resp: 477
Ion Ratio Lower Upper
94 100
96 72.4 75.1 112.7#





#6

Chloroethane

Concen: Below Cal

RT: 2.018 min Scan# 211

Delta R.T. 0.086 min

Lab File: VU048815.D

Acq: 02 Jun 2022 19:44

Instrument :

MSVOA_U

ClientSampleId :

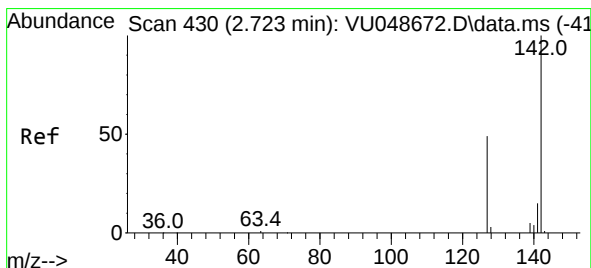
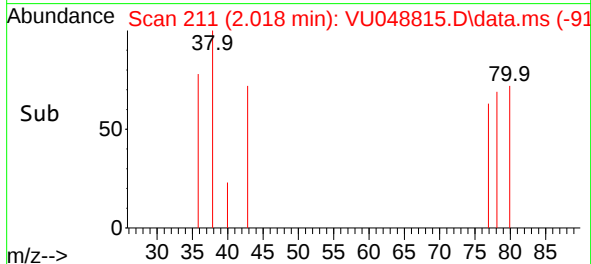
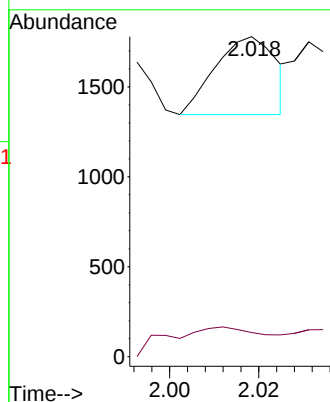
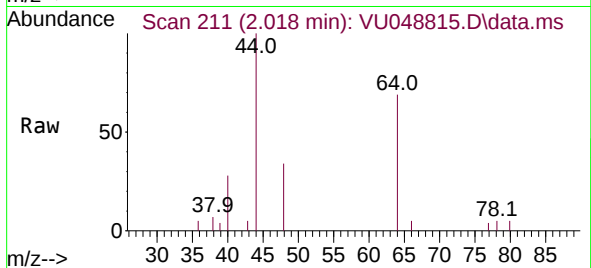
DUP02-20220527

Tgt Ion: 64 Resp: 408

Ion Ratio Lower Upper

64 100

66 7.6 25.2 37.8#



#10

Methyl Iodide

Concen: 3.011 ug/l

RT: 2.716 min Scan# 428

Delta R.T. -0.007 min

Lab File: VU048815.D

Acq: 02 Jun 2022 19:44

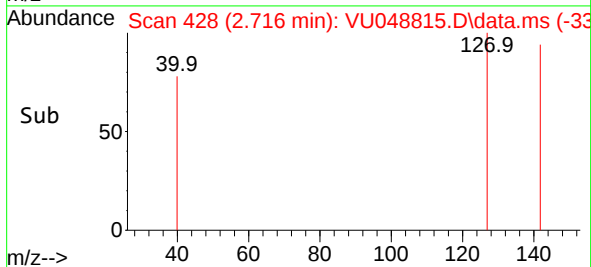
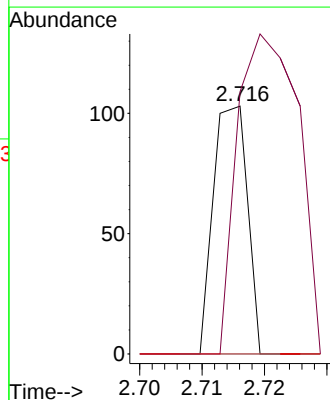
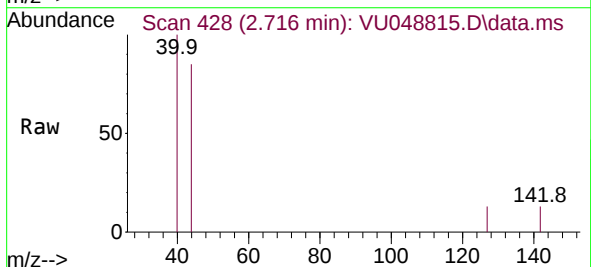
Tgt Ion: 142 Resp: 39

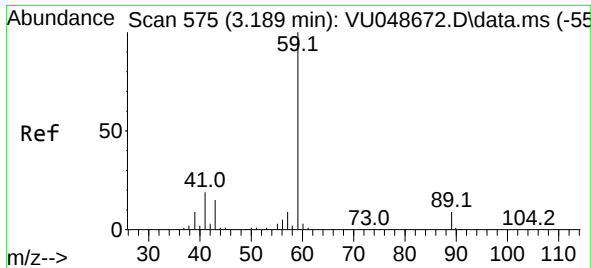
Ion Ratio Lower Upper

142 100

127 230.8 38.4 57.6#

141 0.0 11.5 17.3#

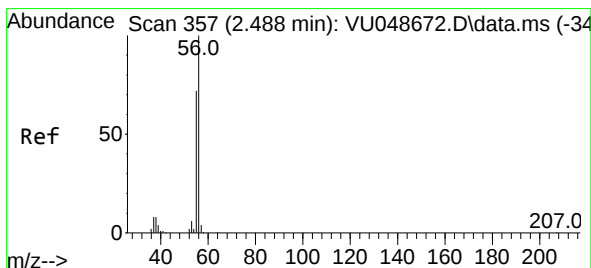
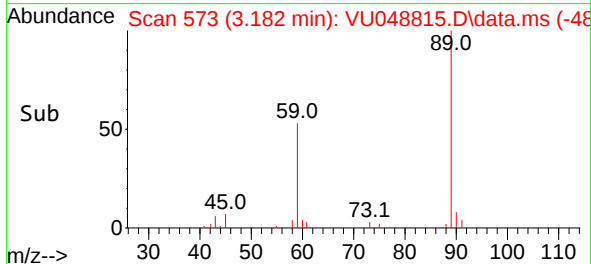
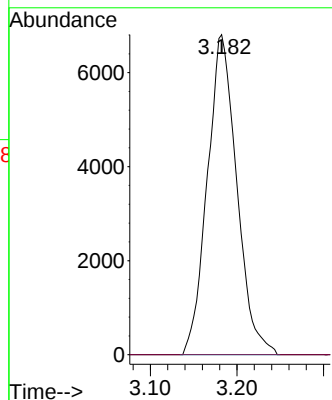
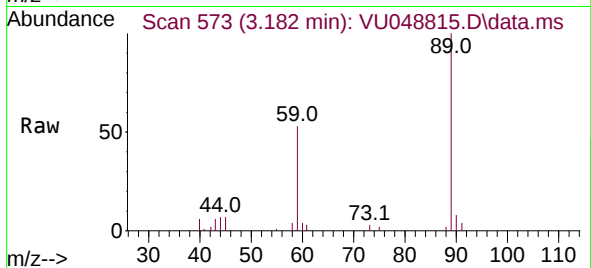




#11
Tert butyl alcohol
Concen: 12.594 ug/l
RT: 3.182 min Scan# 51
Delta R.T. -0.007 min
Lab File: VU048815.D
Acq: 02 Jun 2022 19:44

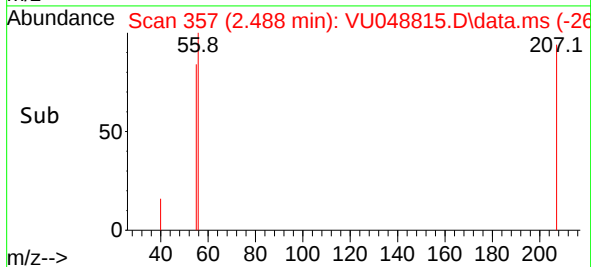
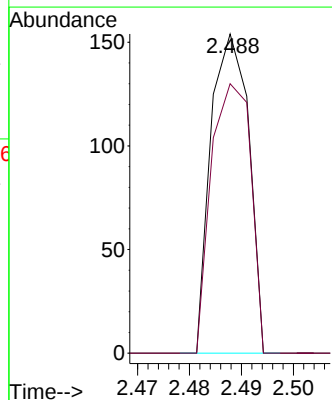
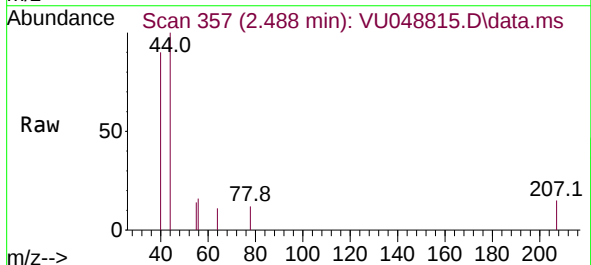
Instrument :
MSVOA_U
ClientSampleId :
DUP02-20220527

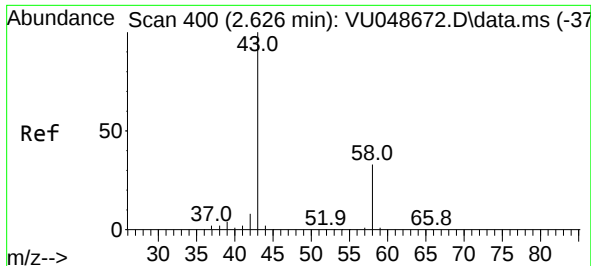
Tgt Ion: 59 Resp: 16109
Ion Ratio Lower Upper
59 100
57 0.0 39.7 59.5#



#13
Acrolein
Concen: Below Cal
RT: 2.488 min Scan# 357
Delta R.T. -0.000 min
Lab File: VU048815.D
Acq: 02 Jun 2022 19:44

Tgt Ion: 56 Resp: 78
Ion Ratio Lower Upper
56 100
55 88.5 57.7 86.5#

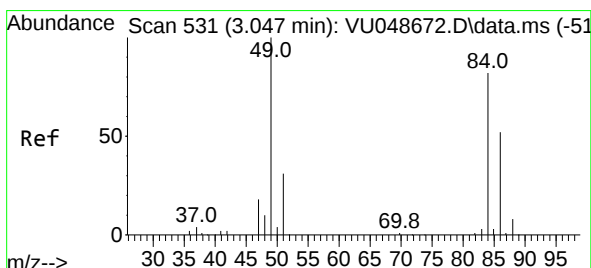
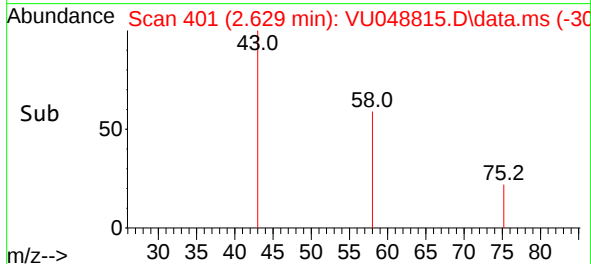
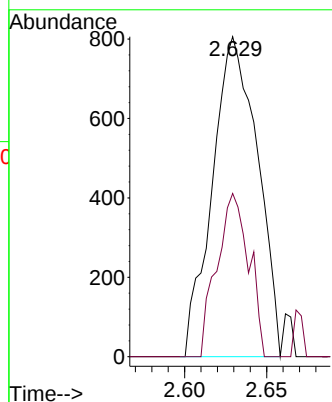
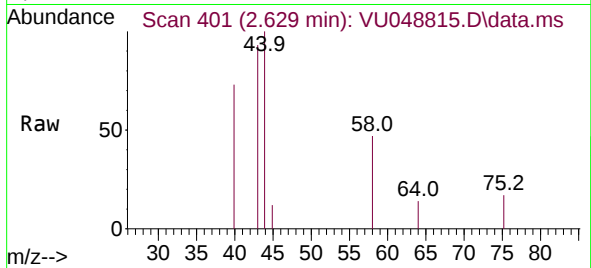




#16
Acetone
Concen: 0.599 ug/l
RT: 2.629 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU048815.D
Acq: 02 Jun 2022 19:44

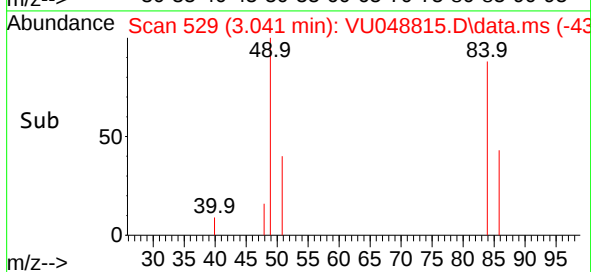
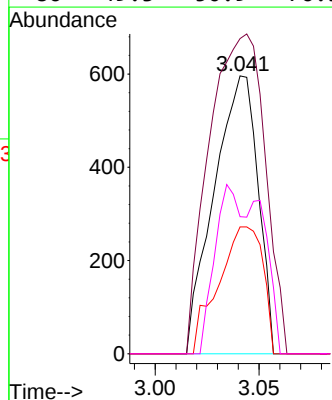
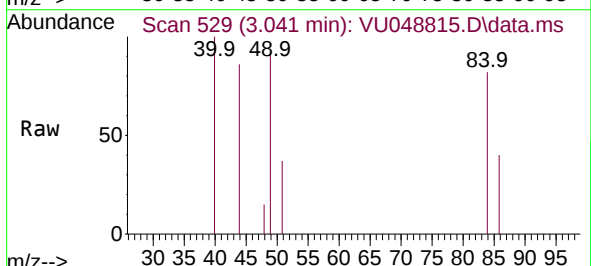
Instrument :
MSVOA_U
ClientSampleId :
DUP02-20220527

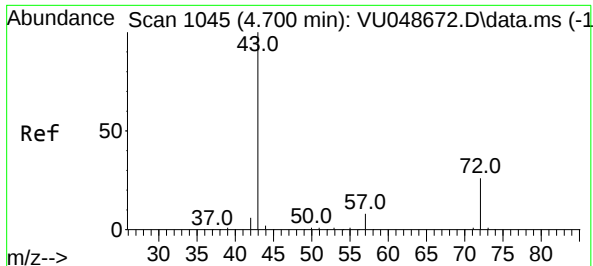
Tgt Ion: 43 Resp: 1541
Ion Ratio Lower Upper
43 100
58 51.0 26.3 39.5#



#20
Methylene Chloride
Concen: 0.200 ug/l
RT: 3.041 min Scan# 529
Delta R.T. -0.007 min
Lab File: VU048815.D
Acq: 02 Jun 2022 19:44

Tgt Ion: 84 Resp: 876
Ion Ratio Lower Upper
84 100
49 113.4 97.0 145.4
51 45.6 29.8 44.8#
86 49.3 50.9 76.3#

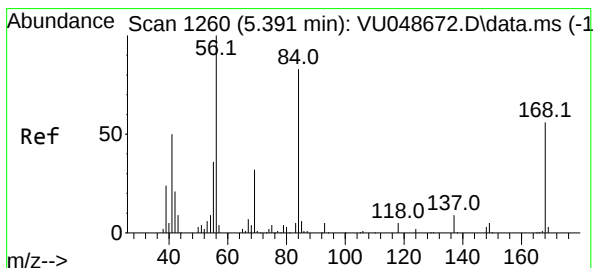
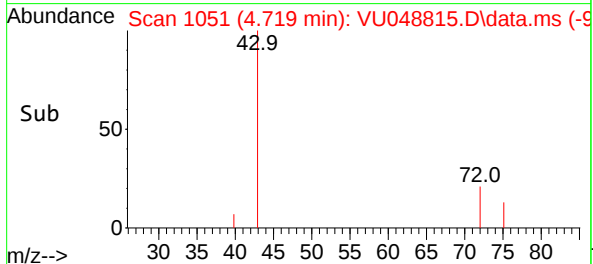
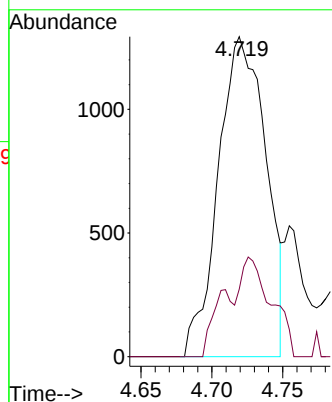
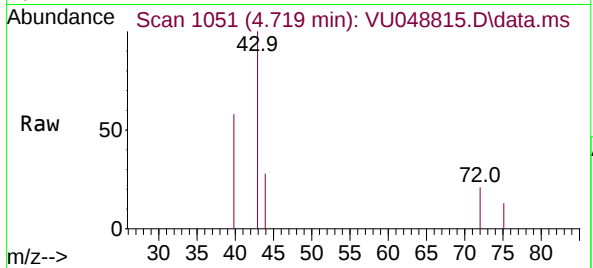




#25
2-Butanone
Concen: 0.819 ug/l
RT: 4.719 min Scan# 1051
Delta R.T. 0.019 min
Lab File: VU048815.D
Acq: 02 Jun 2022 19:44

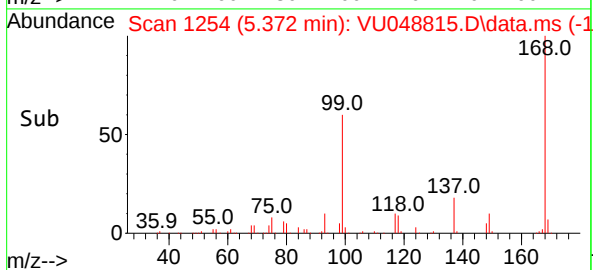
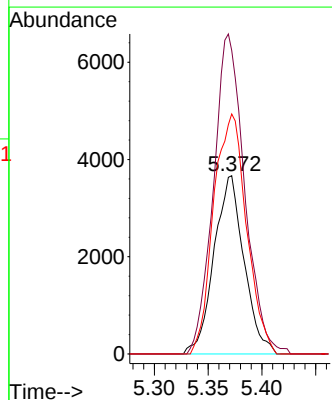
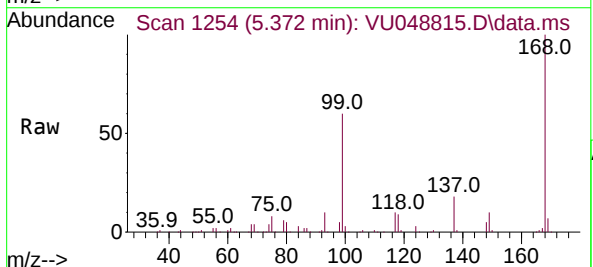
Instrument :
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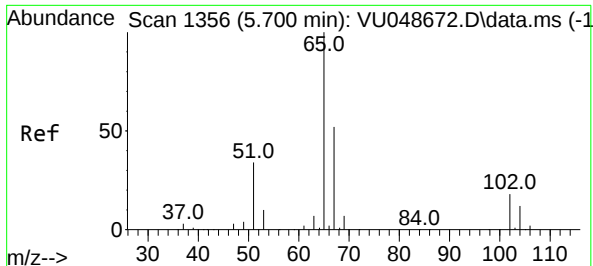
Tgt Ion: 43 Resp: 3025
Ion Ratio Lower Upper
43 100
72 21.1 21.1 31.7#



#31
Cyclohexane
Concen: 1.119 ug/l
RT: 5.372 min Scan# 1254
Delta R.T. -0.019 min
Lab File: VU048815.D
Acq: 02 Jun 2022 19:44

Tgt Ion: 56 Resp: 7112
Ion Ratio Lower Upper
56 100
69 170.3 25.6 38.4#
84 134.7 66.2 99.4#





#33

1,2-Dichloroethane-d4

Concen: 45.310 ug/l

RT: 5.700 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU048815.D

Acq: 02 Jun 2022 19:44

Instrument :

MSVOA_U

ClientSampleId :

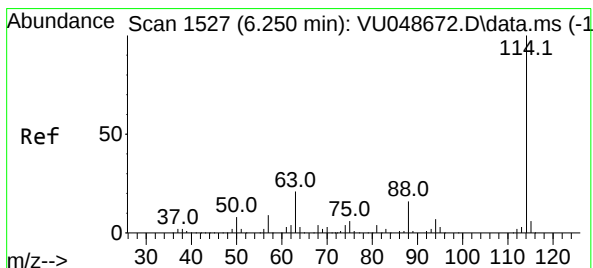
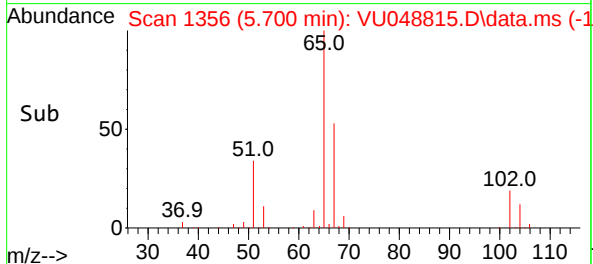
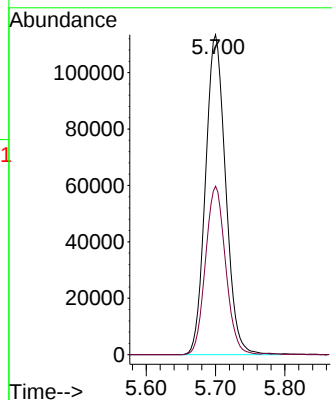
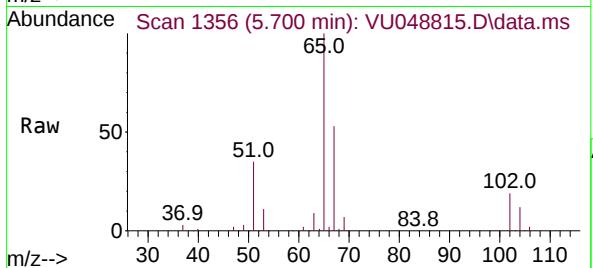
DUP02-20220527

Tgt Ion: 65 Resp: 228598

Ion Ratio Lower Upper

65 100

67 52.6 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.247 min Scan# 1526

Delta R.T. -0.003 min

Lab File: VU048815.D

Acq: 02 Jun 2022 19:44

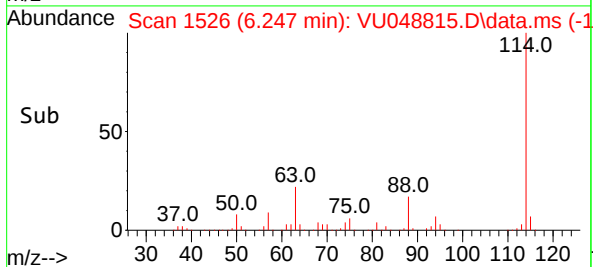
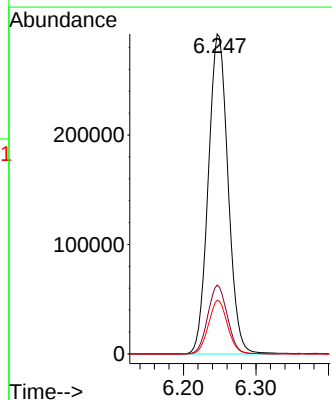
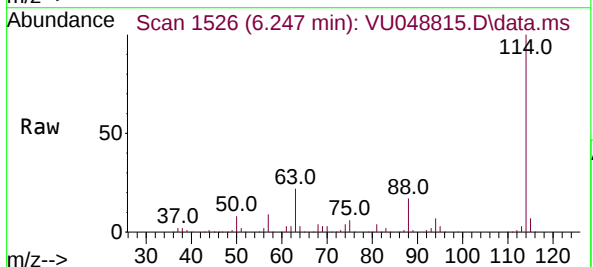
Tgt Ion: 114 Resp: 552265

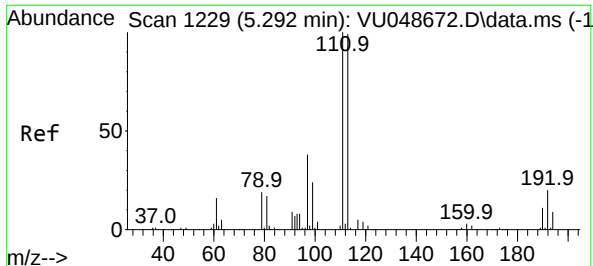
Ion Ratio Lower Upper

114 100

63 21.5 0.0 42.6

88 16.8 0.0 32.2

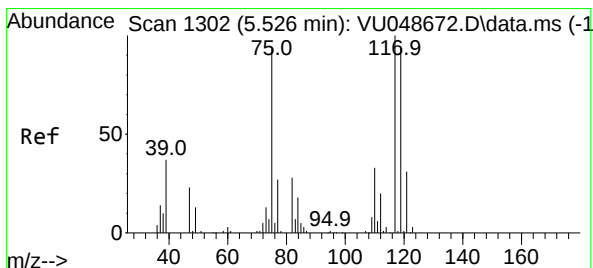
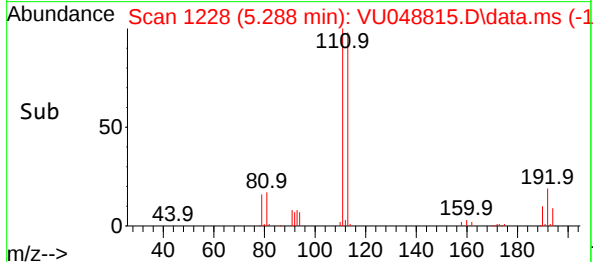
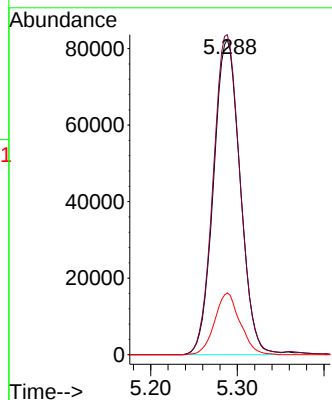
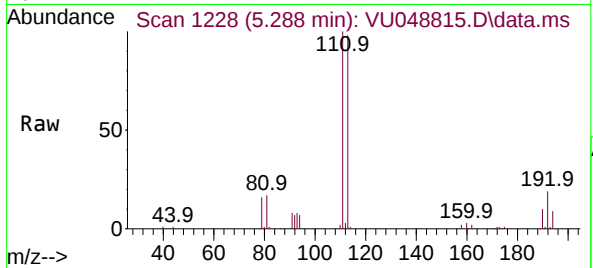




#35
Dibromofluoromethane
Concen: 44.562 ug/l
RT: 5.288 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU048815.D
Acq: 02 Jun 2022 19:44

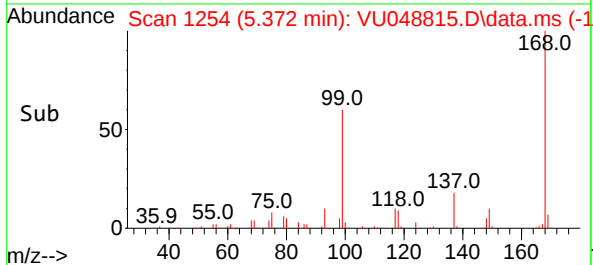
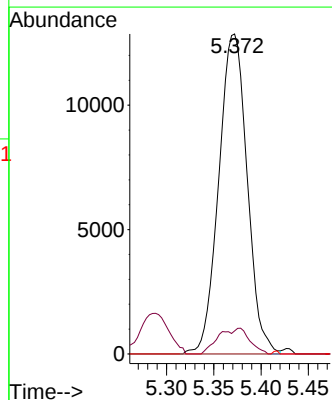
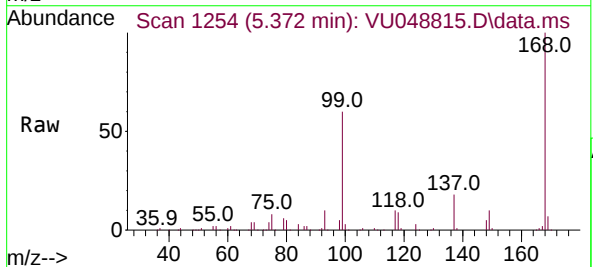
Instrument :
MSVOA_U
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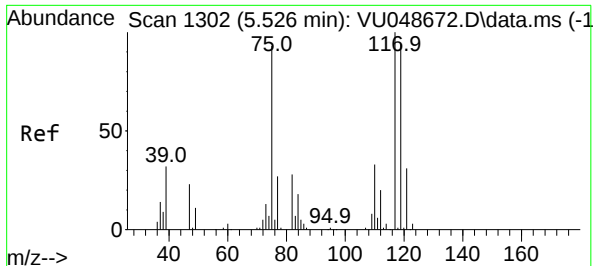
Tgt Ion:113 Resp: 175574
Ion Ratio Lower Upper
113 100
111 102.4 80.7 121.1
192 18.7 15.9 23.9



#36
1,1-Dichloropropene
Concen: 4.676 ug/l
RT: 5.372 min Scan# 1254
Delta R.T. -0.154 min
Lab File: VU048815.D
Acq: 02 Jun 2022 19:44

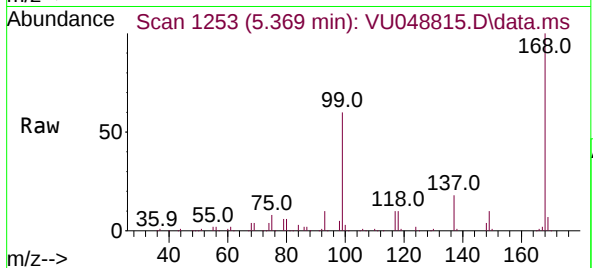
Tgt Ion: 75 Resp: 26886
Ion Ratio Lower Upper
75 100
110 4.3 17.4 52.3#
77 0.0 24.8 37.2#



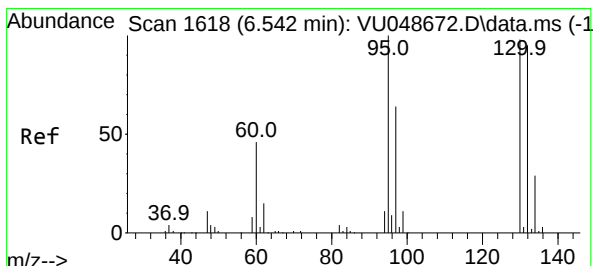
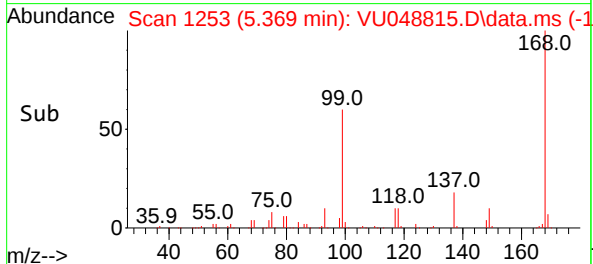
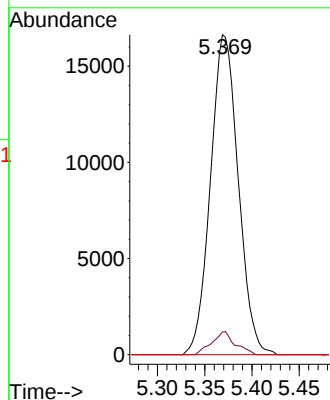


#38
Carbon Tetrachloride
Concen: 5.157 ug/l
RT: 5.369 min Scan# 117
Delta R.T. -0.158 min
Lab File: VU048815.D
Acq: 02 Jun 2022 19:44

Instrument :
MSVOA_U
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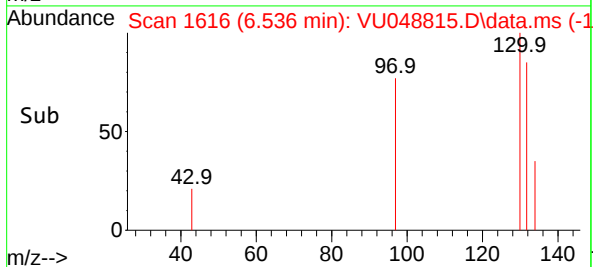
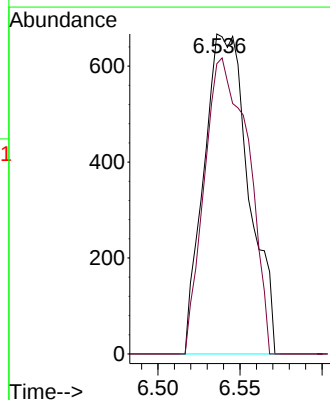
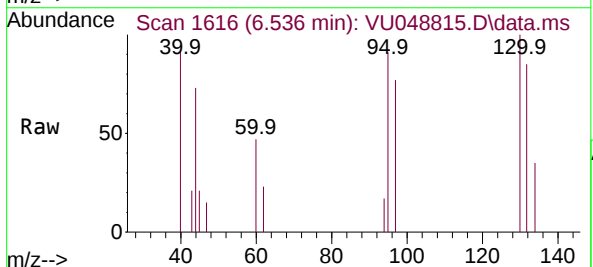


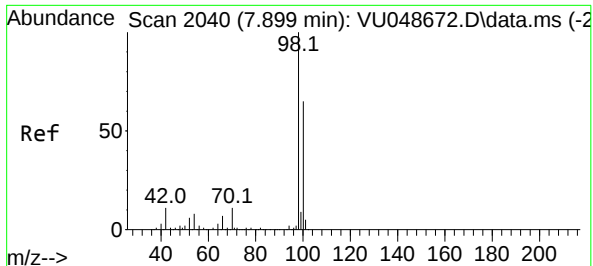
Tgt Ion:117 Resp: 34021
Ion Ratio Lower Upper
117 100
119 7.1 75.4 113.2#
121 0.0 24.6 36.8#



#44
Trichloroethene
Concen: 0.290 ug/l
RT: 6.536 min Scan# 1616
Delta R.T. -0.007 min
Lab File: VU048815.D
Acq: 02 Jun 2022 19:44

Tgt Ion:130 Resp: 1267
Ion Ratio Lower Upper
130 100
95 90.7 0.0 204.8

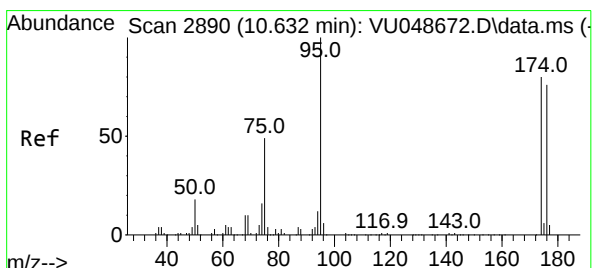
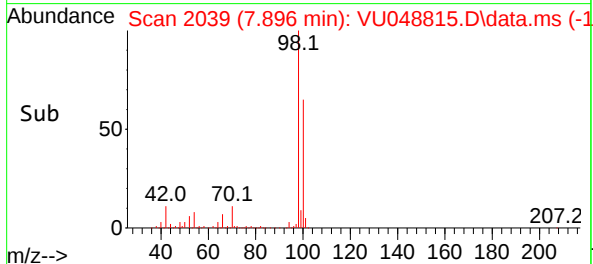
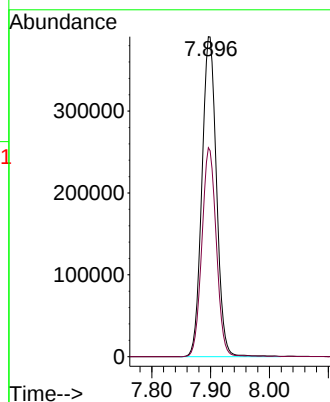
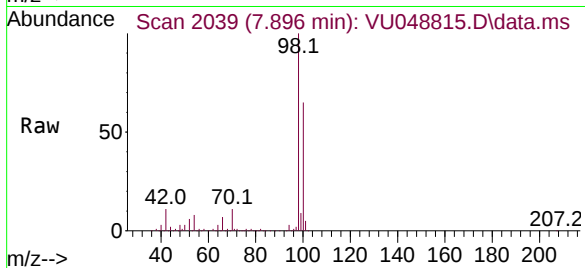




#50
Toluene-d8
Concen: 47.593 ug/l
RT: 7.896 min Scan# 2040
Delta R.T. -0.003 min
Lab File: VU048815.D
Acq: 02 Jun 2022 19:44

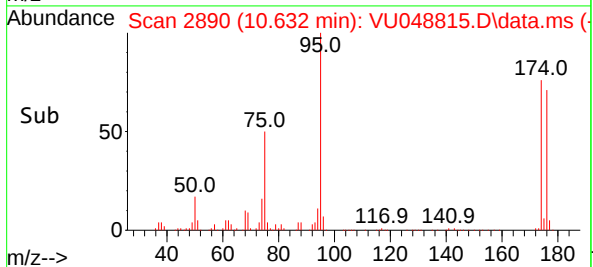
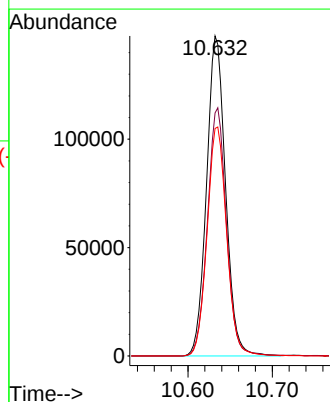
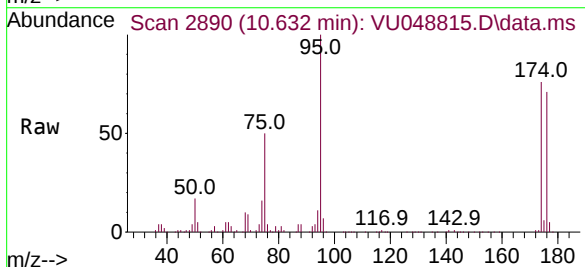
Instrument :
MSVOA_U
ClientSampleId :
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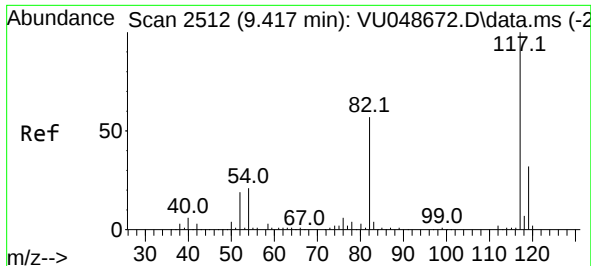
Tgt Ion: 98 Resp: 672173
Ion Ratio Lower Upper
98 100
100 64.7 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 43.431 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.000 min
Lab File: VU048815.D
Acq: 02 Jun 2022 19:44

Tgt Ion: 95 Resp: 231979
Ion Ratio Lower Upper
95 100
174 77.9 0.0 159.4
176 73.7 0.0 152.4

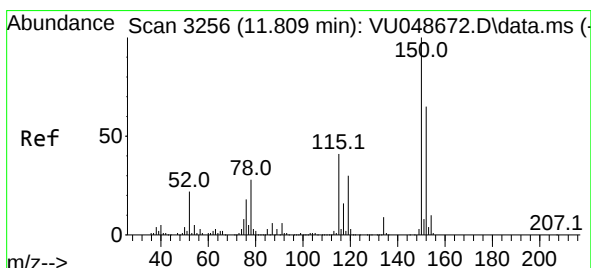
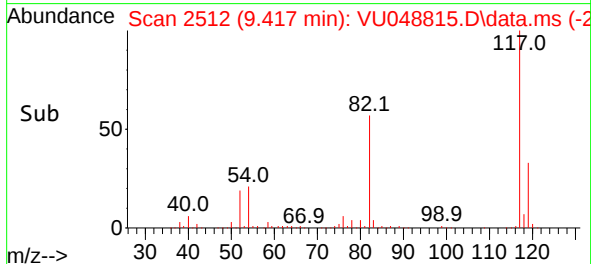
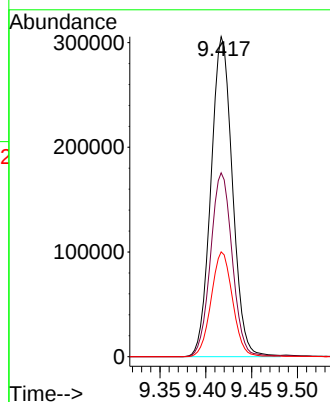
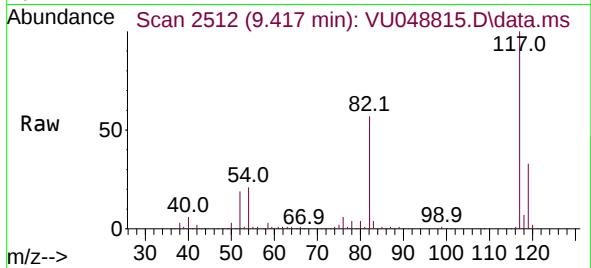




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU048815.D
Acq: 02 Jun 2022 19:44

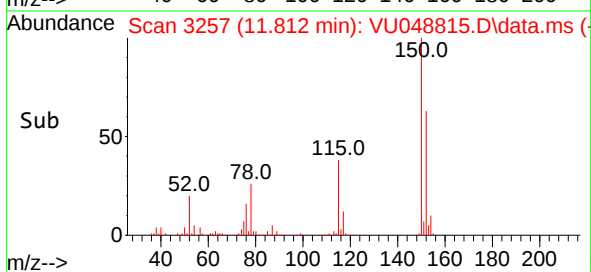
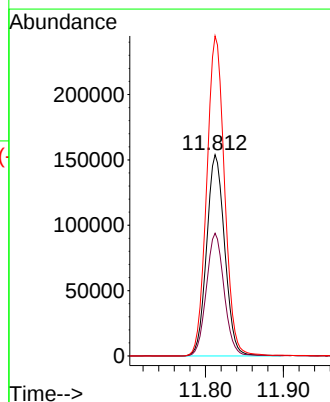
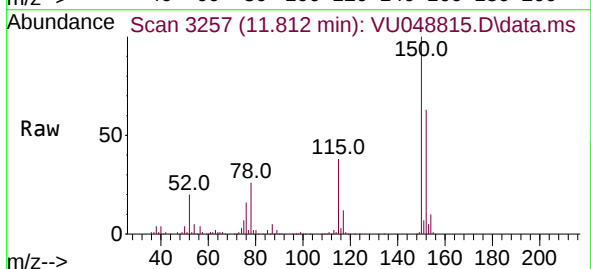
Instrument :
MSVOA_U
ClientSampleId :
DUP02-20220527

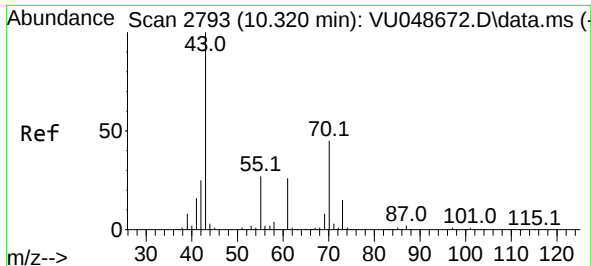
Tgt Ion:117 Resp: 498827
Ion Ratio Lower Upper
117 100
82 57.5 45.3 67.9
119 32.7 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 3257
Delta R.T. 0.003 min
Lab File: VU048815.D
Acq: 02 Jun 2022 19:44

Tgt Ion:152 Resp: 247904
Ion Ratio Lower Upper
152 100
115 60.2 41.8 125.4
150 157.0 0.0 341.0

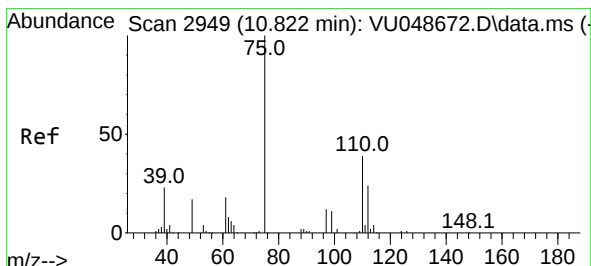
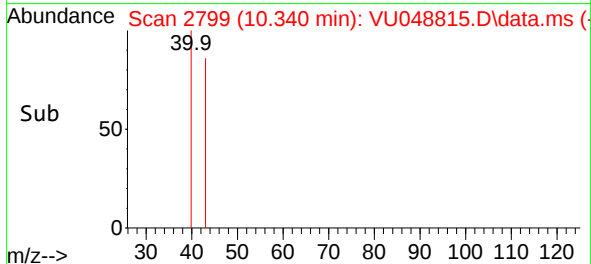
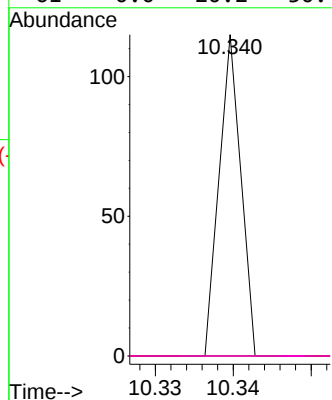
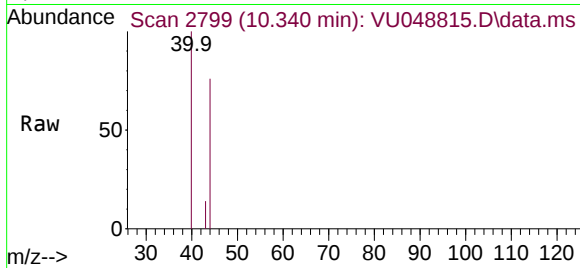




#74
N-amy1 acetate
Concen: 2.469 ug/l
RT: 10.340 min Scan# 21
Delta R.T. 0.020 min
Lab File: VU048815.D
Acq: 02 Jun 2022 19:44

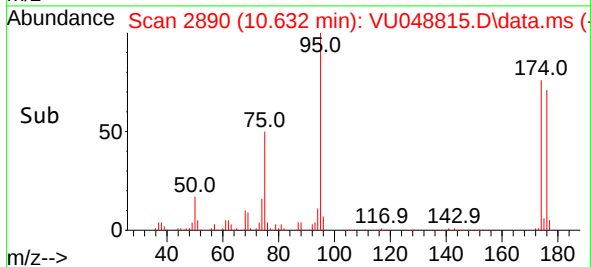
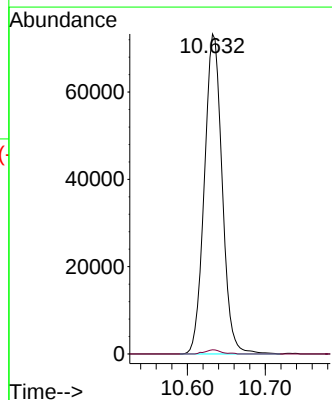
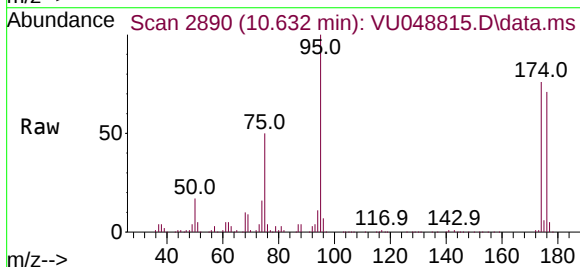
Instrument :
MSVOA_U
ClientSampleId :
DUP02-20220527

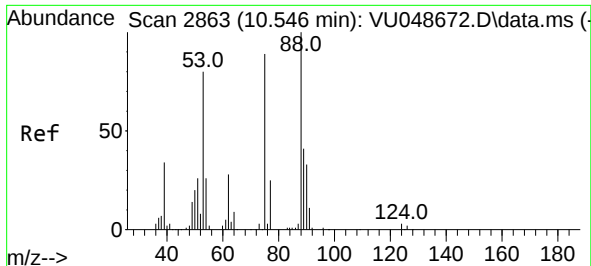
Tgt Ion: 43	Resp: 22
Ion Ratio	Lower Upper
43 100	
70 0.0	35.8 53.6#
55 0.0	21.1 31.7#
61 0.0	20.2 30.4#



#76
1,2,3-Trichloropropane
Concen: 14.540 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.190 min
Lab File: VU048815.D
Acq: 02 Jun 2022 19:44

Tgt Ion: 75	Resp: 116217
Ion Ratio	Lower Upper
75 100	
77 1.1	14.8 44.3#

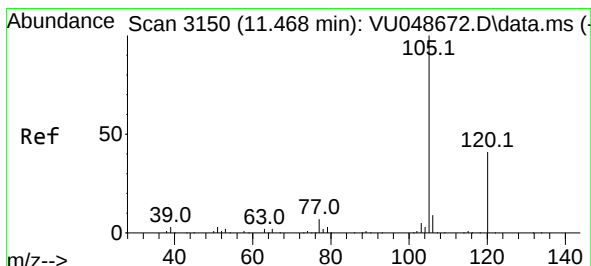
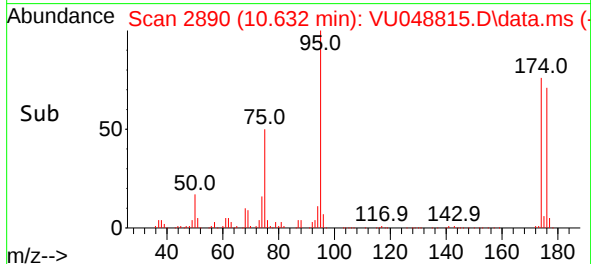
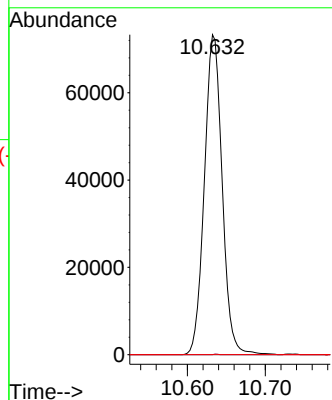
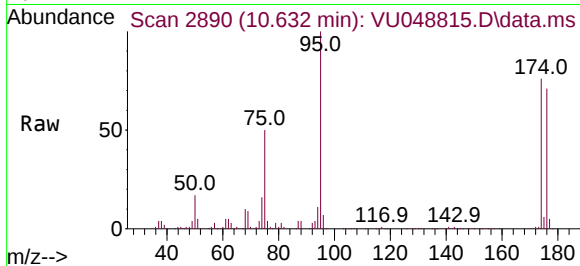




#81
trans-1,4-Dichloro-2-butene
Concen: 52.792 ug/l
RT: 10.632 min Scan# 21
Delta R.T. 0.087 min
Lab File: VU048815.D
Acq: 02 Jun 2022 19:44

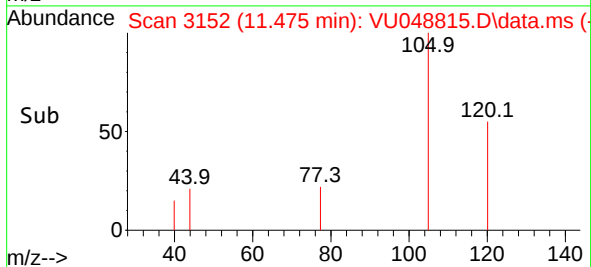
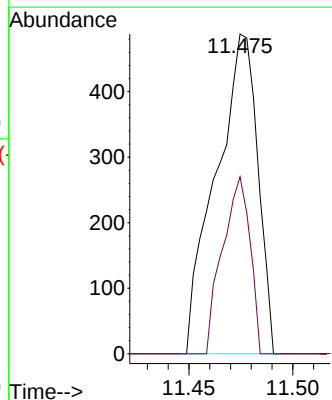
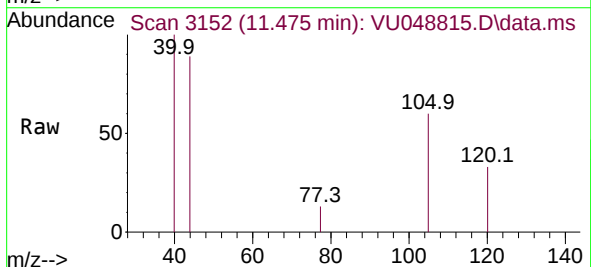
Instrument :
MSVOA_U
ClientSampleId :
DUP02-20220527

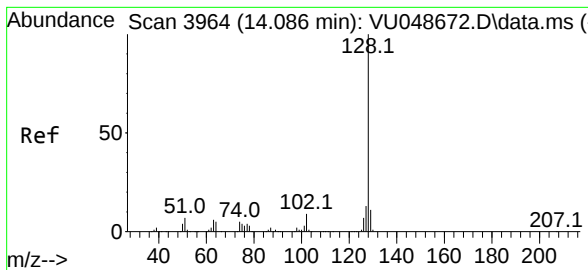
Tgt Ion: 75 Resp: 116217
Ion Ratio Lower Upper
75 100
53 0.0 72.5 108.7#
89 0.0 37.0 55.4#



#84
1,2,4-Trimethylbenzene
Concen: 1.231 ug/l
RT: 11.475 min Scan# 3152
Delta R.T. 0.007 min
Lab File: VU048815.D
Acq: 02 Jun 2022 19:44

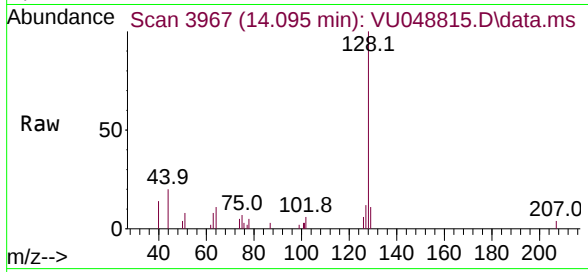
Tgt Ion: 105 Resp: 681
Ion Ratio Lower Upper
105 100
120 36.4 22.5 67.5





#95
 Naphthalene
 Concen: 3.034 ug/l
 RT: 14.095 min Scan# 3967
 Delta R.T. 0.009 min
 Lab File: VU048815.D
 Acq: 02 Jun 2022 19:44

Instrument :
 MSVOA_U
 ClientSampleId :
 DUP02-20220527



Tgt Ion:	128	Resp:	10298
Ion	Ratio	Lower	Upper
128	100		
127	11.6	10.2	15.4
129	9.4	8.7	13.1

