

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060722\
 Data File : VU048943.D
 Acq On : 08 Jun 2022 04:58
 Operator : SY/MD
 Sample : N3166-20 100X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DUP08-20220601

Quant Time: Jun 08 09:17:28 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)

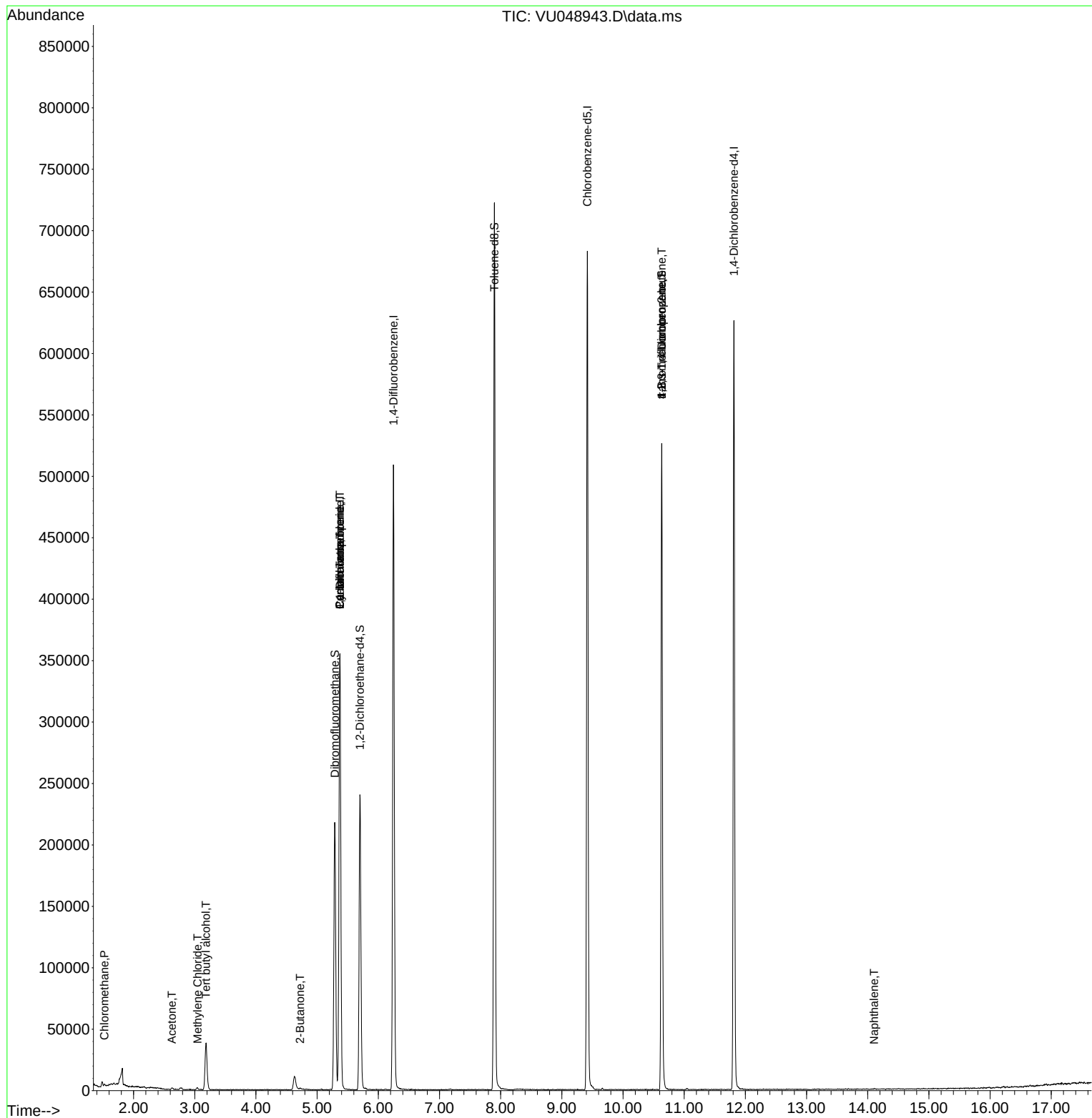
Internal Standards						
1) Pentafluorobenzene	5.372	168	241752	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	401062	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	374774	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	165151	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	185240	51.021	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.040%			
35) Dibromofluoromethane	5.288	113	139770	48.849	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.700%			
50) Toluene-d8	7.896	98	473700	46.185	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 92.360%			
62) 4-Bromofluorobenzene	10.632	95	176901	45.605	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 91.220%			
Target Compounds						
					Qvalue	
3) Chloromethane	1.523	50	917	0.257	ug/l #	84
5) Bromomethane	1.858	94	20	Below Cal	#	3
6) Chloroethane	1.932	64	437	Below Cal	#	43
11) Tert butyl alcohol	3.182	59	22584	24.535	ug/l #	29
16) Acetone	2.626	43	1623	0.877	ug/l #	85
20) Methylene Chloride	3.044	84	746	0.237	ug/l #	78
25) 2-Butanone	4.723	43	1945	0.732	ug/l	90
31) Cyclohexane	5.372	56	5437	1.188	ug/l #	9
36) 1,1-Dichloropropene	5.372	75	19866	4.757	ug/l #	50
38) Carbon Tetrachloride	5.372	117	25506	5.324	ug/l #	16
76) 1,2,3-Trichloropropane	10.632	75	91997	17.277	ug/l #	48
81) trans-1,4-Dichloro-2-b...	10.632	75	91997	62.730	ug/l #	13
95) Naphthalene	14.105	128	163	2.545	ug/l #	69

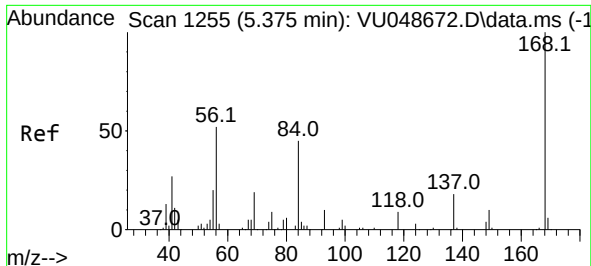
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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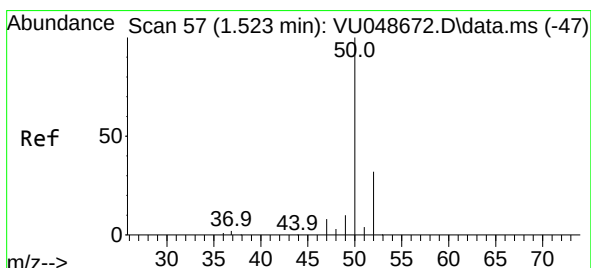
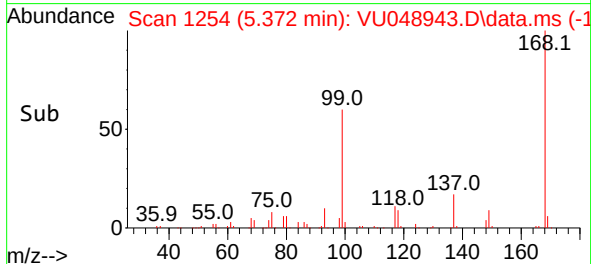
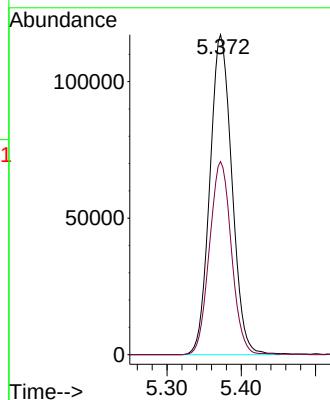
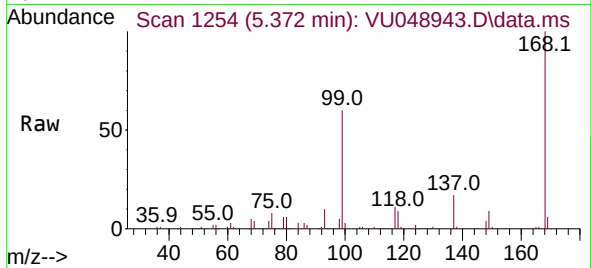




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU048943.D
Acq: 08 Jun 2022 04:58

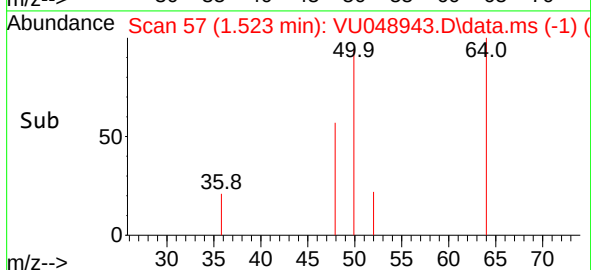
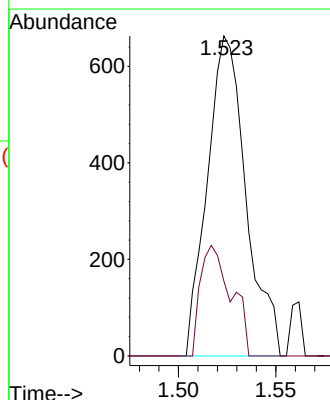
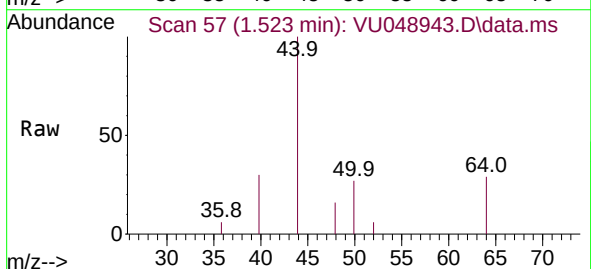
Instrument :
MSVOA_U
ClientSampleId :
DUP08-20220601

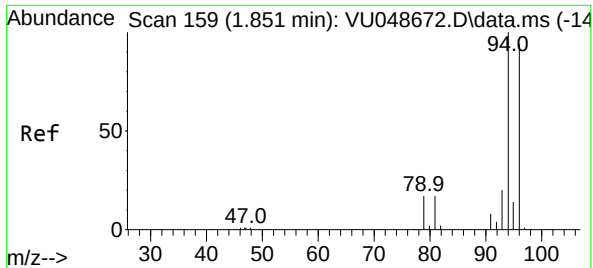
Tgt Ion:168 Resp: 241752
Ion Ratio Lower Upper
168 100
99 60.3 49.3 73.9



#3
Chloromethane
Concen: 0.257 ug/l
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU048943.D
Acq: 08 Jun 2022 04:58

Tgt Ion: 50 Resp: 917
Ion Ratio Lower Upper
50 100
52 23.4 25.7 38.5#

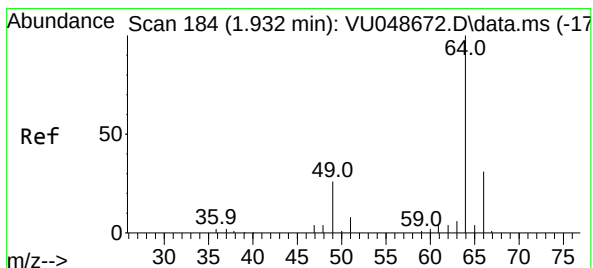
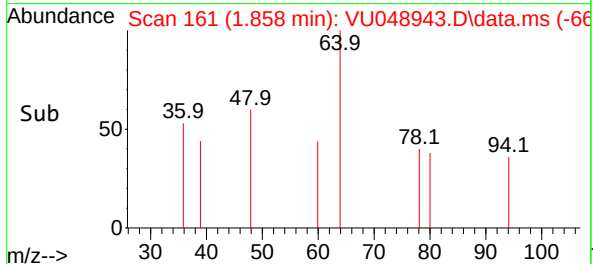
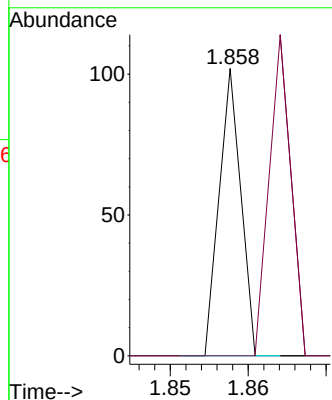
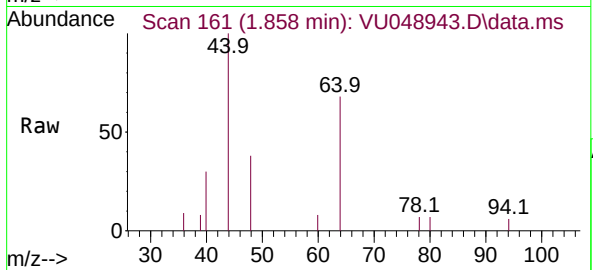




#5
Bromomethane
Concen: Below Cal
RT: 1.858 min Scan# 1
Delta R.T. 0.007 min
Lab File: VU048943.D
Acq: 08 Jun 2022 04:58

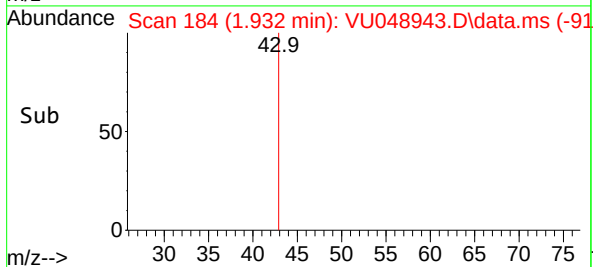
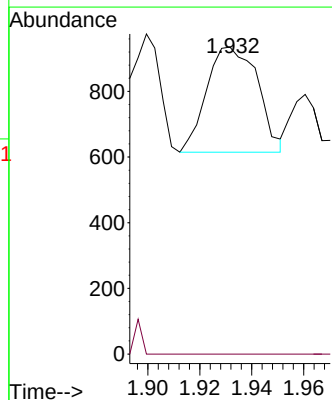
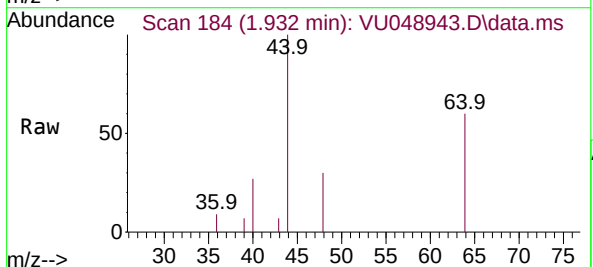
Instrument :
MSVOA_U
ClientSampleId :
DUP08-20220601

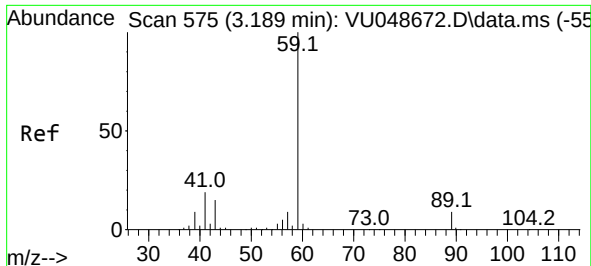
Tgt Ion: 94 Resp: 20
Ion Ratio Lower Upper
94 100
96 0.0 75.1 112.7#



#6
Chloroethane
Concen: Below Cal
RT: 1.932 min Scan# 184
Delta R.T. -0.000 min
Lab File: VU048943.D
Acq: 08 Jun 2022 04:58

Tgt Ion: 64 Resp: 437
Ion Ratio Lower Upper
64 100
66 0.0 25.2 37.8#





#11

Tert butyl alcohol

Concen: 24.535 ug/l

RT: 3.182 min Scan# 51

Delta R.T. -0.007 min

Lab File: VU048943.D

Acq: 08 Jun 2022 04:58

Instrument :

MSVOA_U

ClientSampleId :

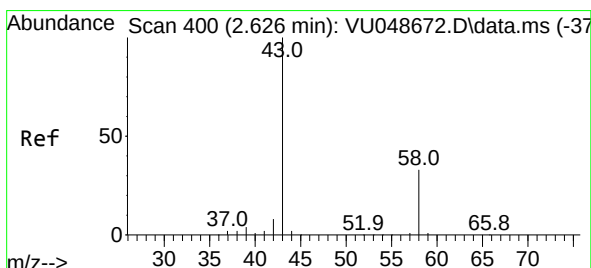
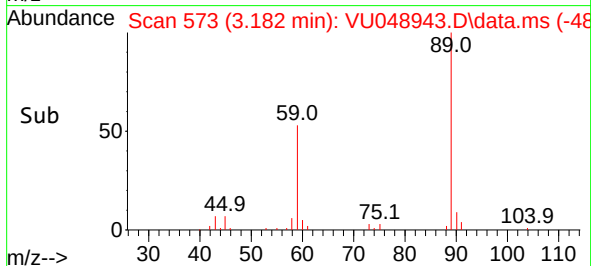
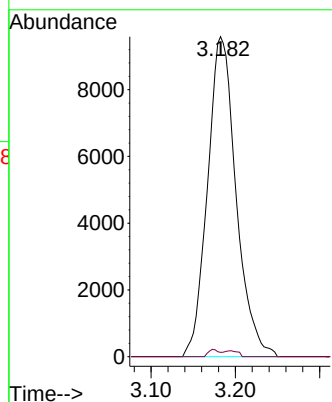
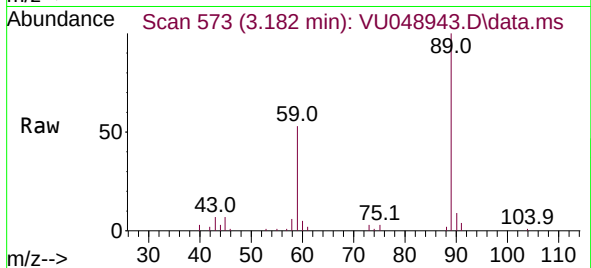
DUP08-20220601

Tgt Ion: 59 Resp: 22584

Ion Ratio Lower Upper

59 100

57 0.8 39.7 59.5#



#16

Acetone

Concen: 0.877 ug/l

RT: 2.626 min Scan# 400

Delta R.T. -0.000 min

Lab File: VU048943.D

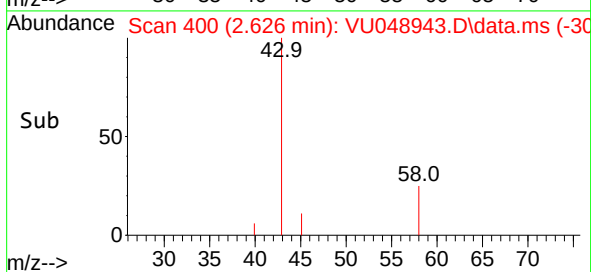
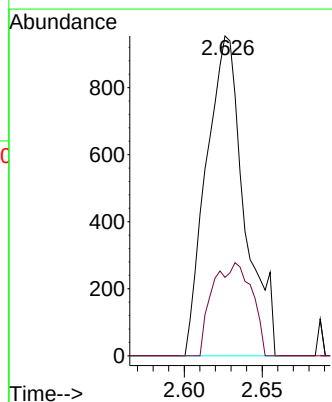
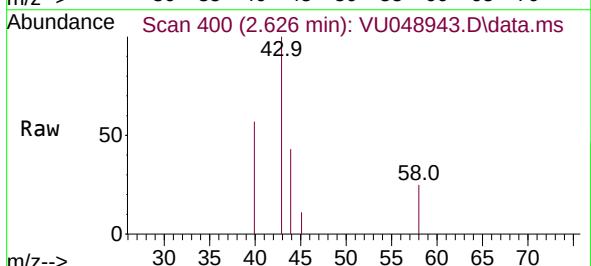
Acq: 08 Jun 2022 04:58

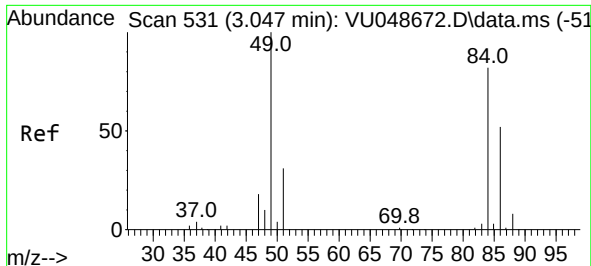
Tgt Ion: 43 Resp: 1623

Ion Ratio Lower Upper

43 100

58 24.5 26.3 39.5#

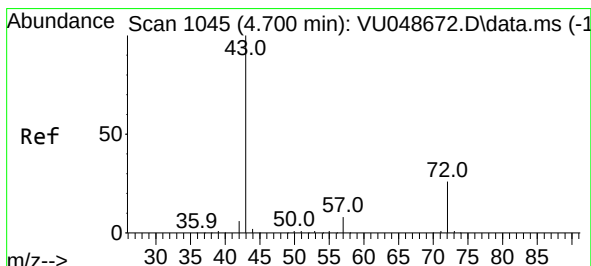
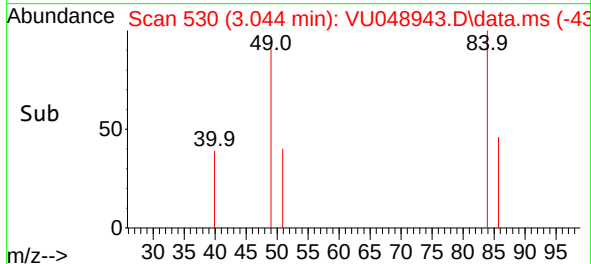
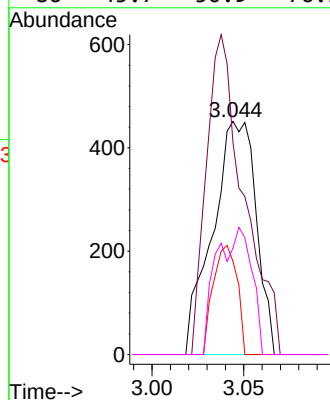
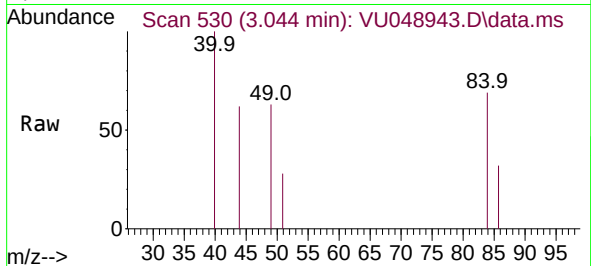




#20
Methylene Chloride
Concen: 0.237 ug/l
RT: 3.044 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU048943.D
Acq: 08 Jun 2022 04:58

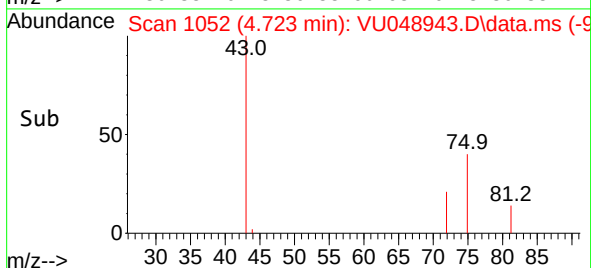
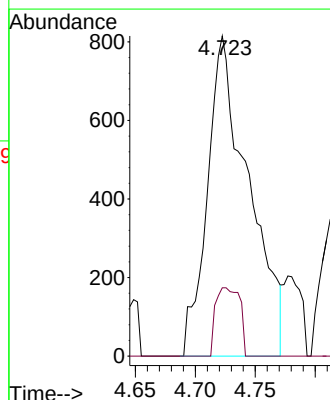
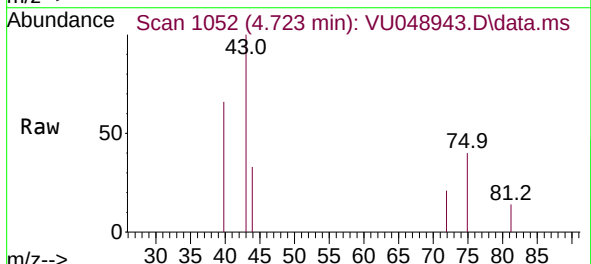
Instrument :
MSVOA_U
ClientSampleId :
DUP08-20220601

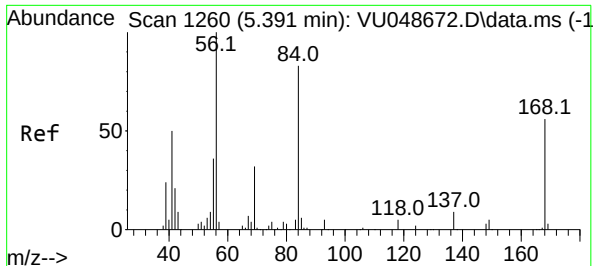
Tgt Ion: 84	Resp:	746
Ion	Ratio	Lower Upper
84	100	
49	90.9	97.0 145.4#
51	39.9	29.8 44.8
86	45.7	50.9 76.3#



#25
2-Butanone
Concen: 0.732 ug/l
RT: 4.723 min Scan# 1052
Delta R.T. 0.022 min
Lab File: VU048943.D
Acq: 08 Jun 2022 04:58

Tgt Ion: 43	Resp:	1945
Ion	Ratio	Lower Upper
43	100	
72	21.3	21.1 31.7





#31

Cyclohexane

Concen: 1.188 ug/l

RT: 5.372 min Scan# 1254

Delta R.T. -0.019 min

Lab File: VU048943.D

Acq: 08 Jun 2022 04:58

Instrument :

MSVOA_U

ClientSampleId :

DUP08-20220601

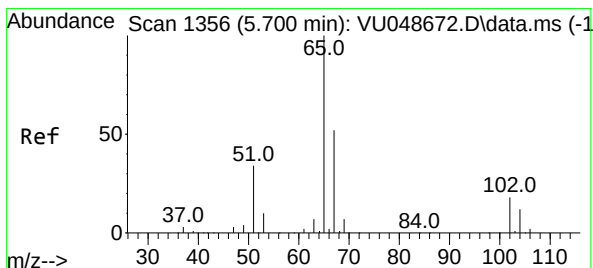
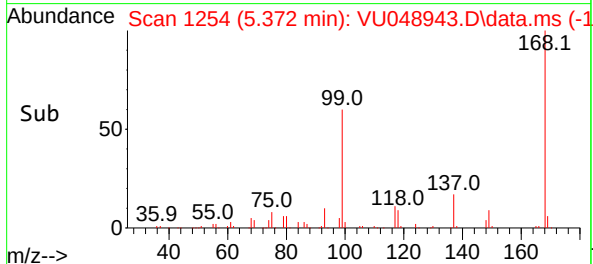
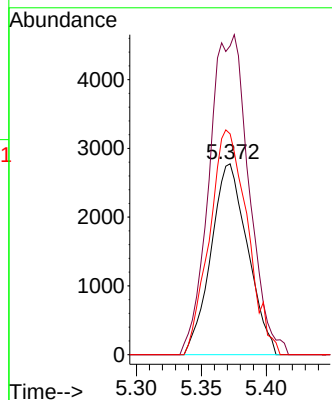
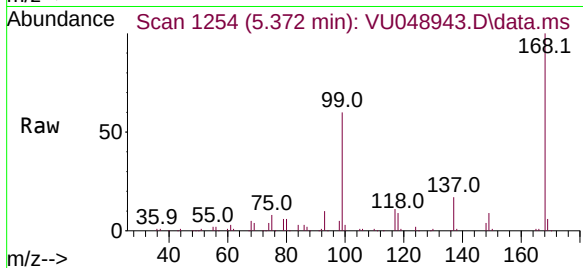
Tgt Ion: 56 Resp: 5437

Ion Ratio Lower Upper

56 100

69 161.8 25.6 38.4#

84 115.6 66.2 99.4#



#33

1,2-Dichloroethane-d4

Concen: 51.021 ug/l

RT: 5.700 min Scan# 1356

Delta R.T. -0.000 min

Lab File: VU048943.D

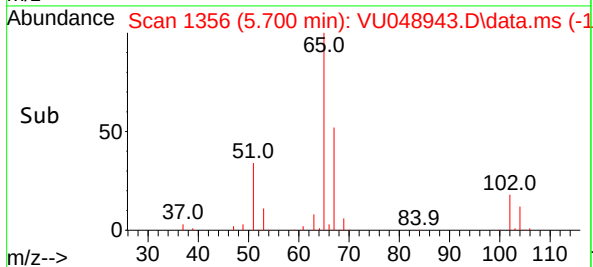
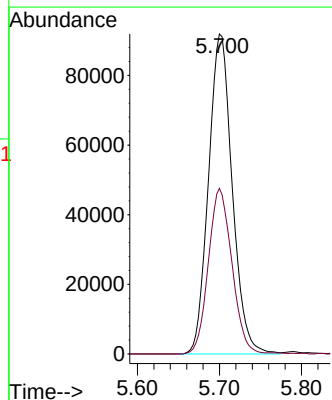
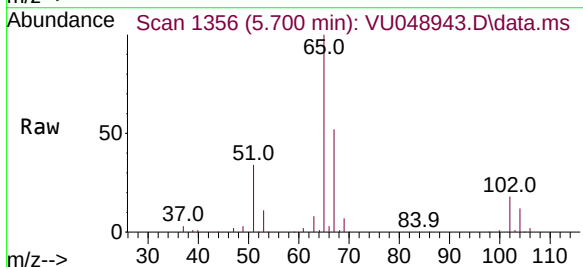
Acq: 08 Jun 2022 04:58

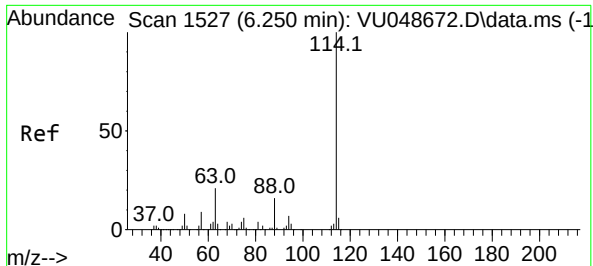
Tgt Ion: 65 Resp: 185240

Ion Ratio Lower Upper

65 100

67 51.4 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.250 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU048943.D

Acq: 08 Jun 2022 04:58

Instrument :

MSVOA_U

ClientSampleId :

DUP08-20220601

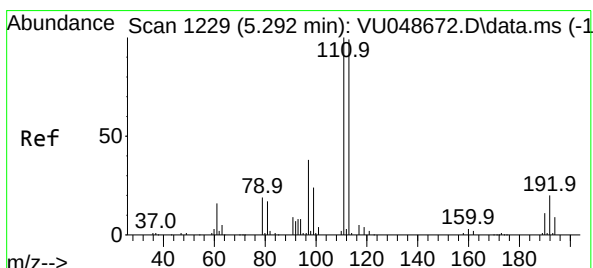
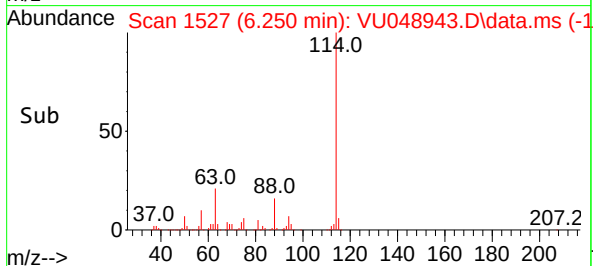
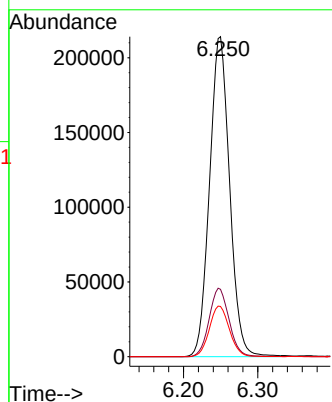
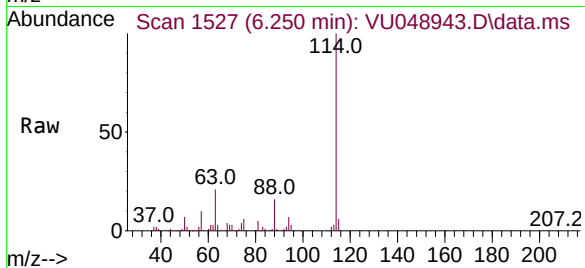
Tgt Ion:114 Resp: 401062

Ion Ratio Lower Upper

114 100

63 21.0 0.0 42.6

88 15.7 0.0 32.2



#35

Dibromofluoromethane

Concen: 48.849 ug/l

RT: 5.288 min Scan# 1228

Delta R.T. -0.003 min

Lab File: VU048943.D

Acq: 08 Jun 2022 04:58

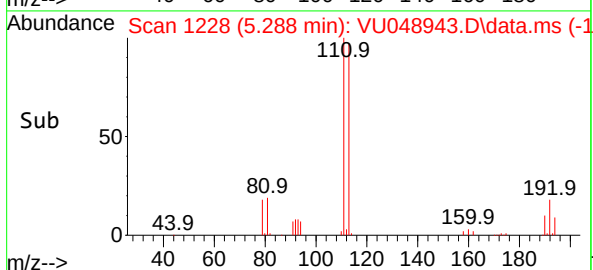
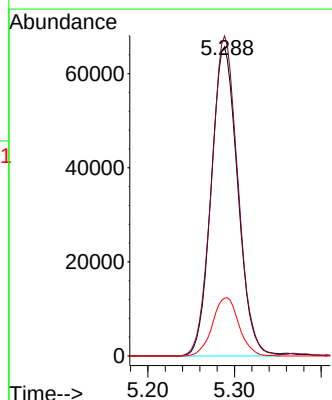
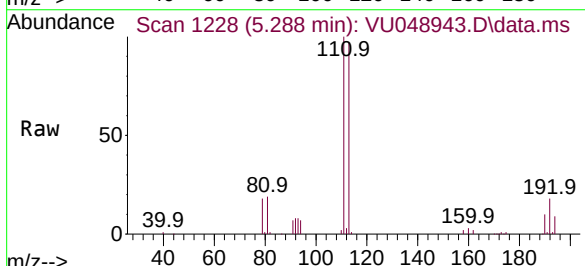
Tgt Ion:113 Resp: 139770

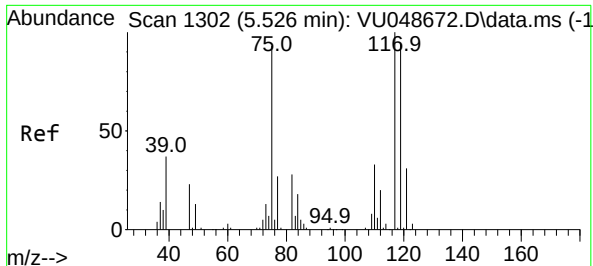
Ion Ratio Lower Upper

113 100

111 103.1 80.7 121.1

192 18.8 15.9 23.9





#36

1,1-Dichloropropene

Concen: 4.757 ug/l

RT: 5.372 min Scan# 1

Delta R.T. -0.154 min

Lab File: VU048943.D

Acq: 08 Jun 2022 04:58

Instrument :

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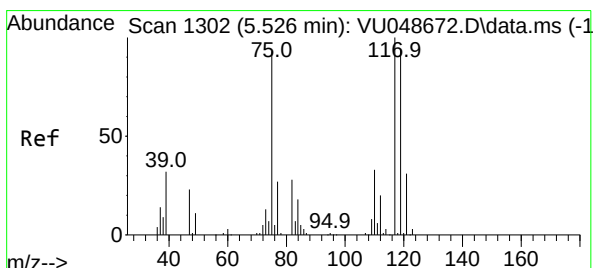
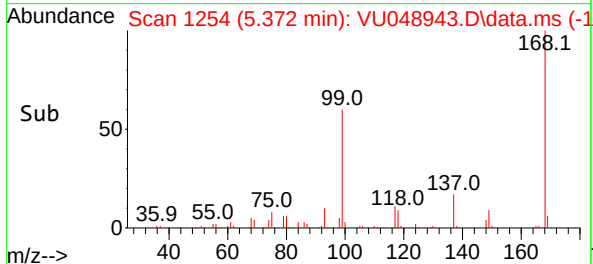
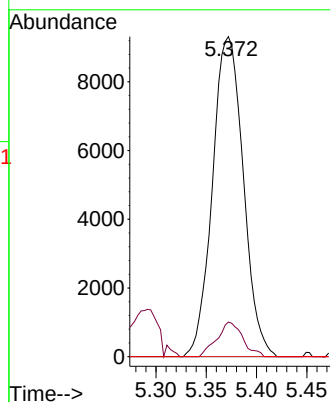
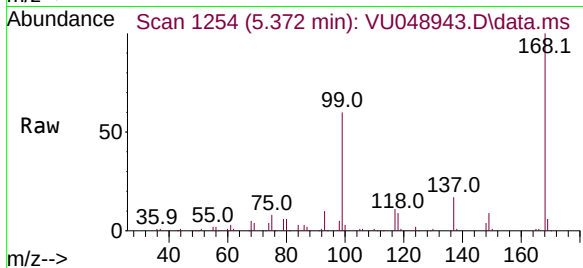
Tgt Ion: 75 Resp: 19866

Ion Ratio Lower Upper

75 100

110 9.1 17.4 52.3#

77 0.0 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 5.324 ug/l

RT: 5.372 min Scan# 1254

Delta R.T. -0.154 min

Lab File: VU048943.D

Acq: 08 Jun 2022 04:58

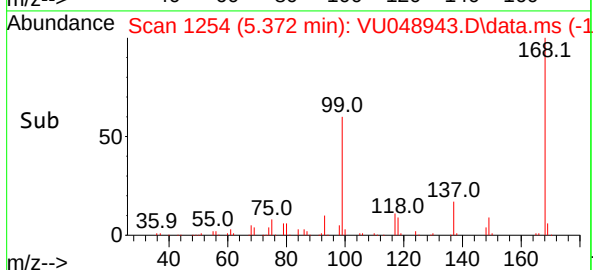
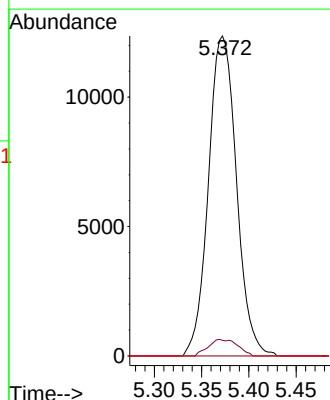
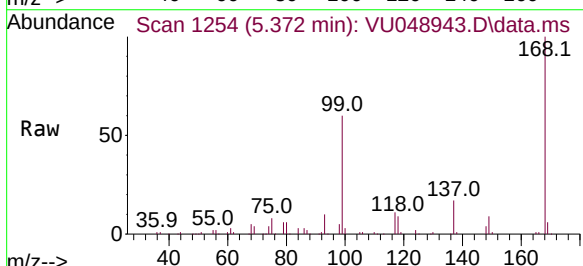
Tgt Ion: 117 Resp: 25506

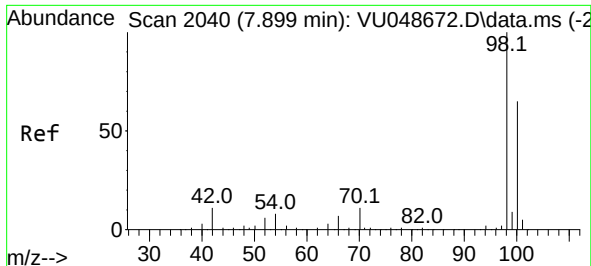
Ion Ratio Lower Upper

117 100

119 4.9 75.4 113.2#

121 0.0 24.6 36.8#

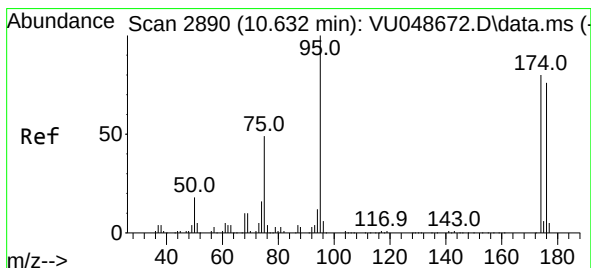
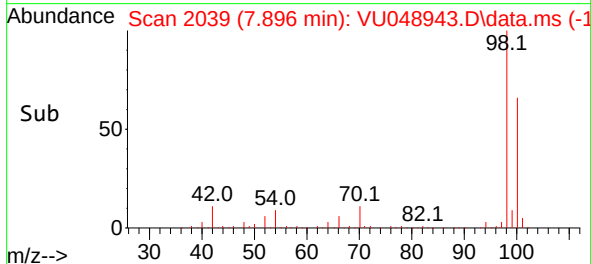
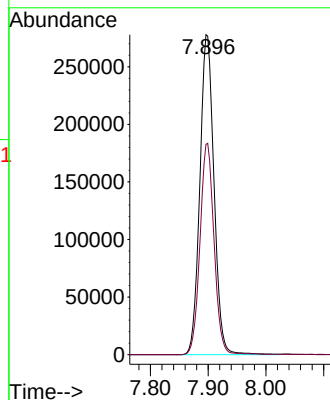
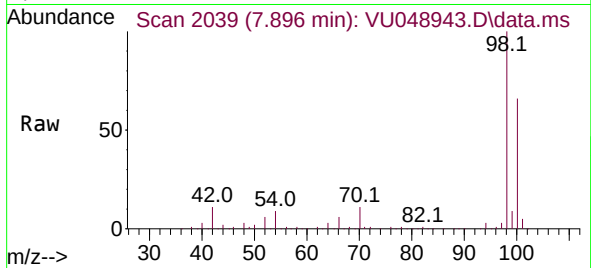




#50
Toluene-d8
Concen: 46.185 ug/l
RT: 7.896 min Scan# 2040
Delta R.T. -0.003 min
Lab File: VU048943.D
Acq: 08 Jun 2022 04:58

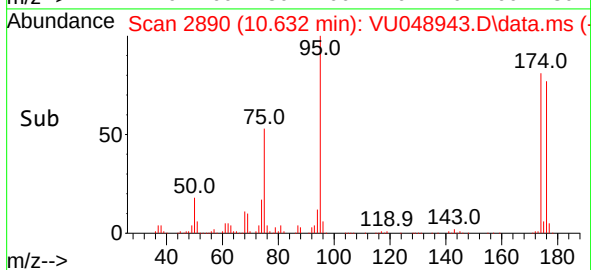
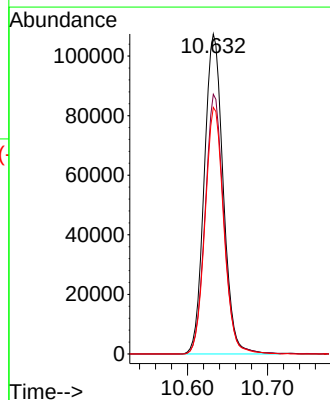
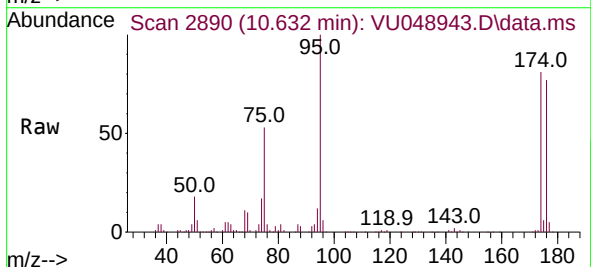
Instrument :
MSVOA_U
ClientSampleId :
DUP08-20220601

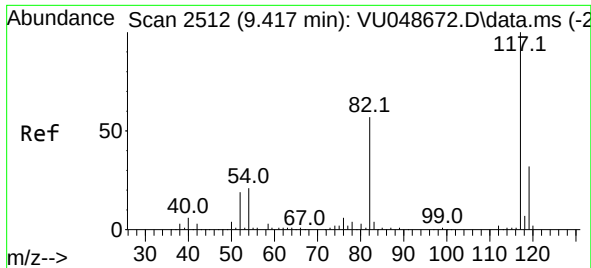
Tgt Ion: 98 Resp: 473700
Ion Ratio Lower Upper
98 100
100 65.5 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 45.605 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.000 min
Lab File: VU048943.D
Acq: 08 Jun 2022 04:58

Tgt Ion: 95 Resp: 176901
Ion Ratio Lower Upper
95 100
174 80.2 0.0 159.4
176 76.3 0.0 152.4

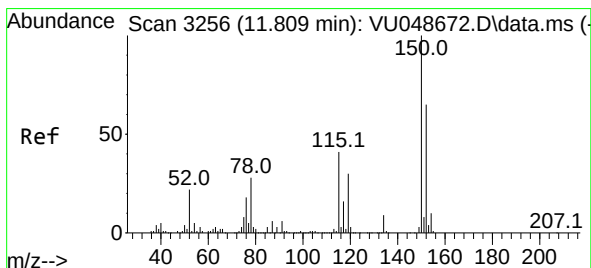
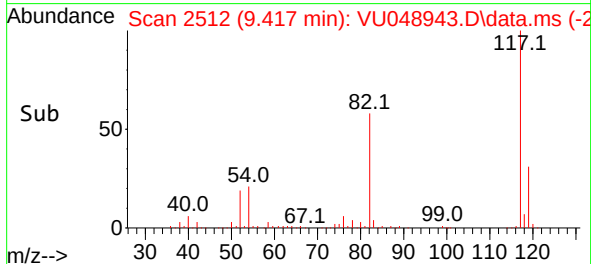
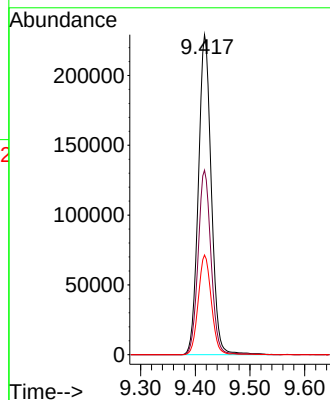
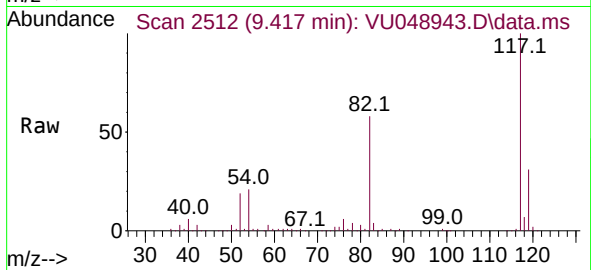




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU048943.D
Acq: 08 Jun 2022 04:58

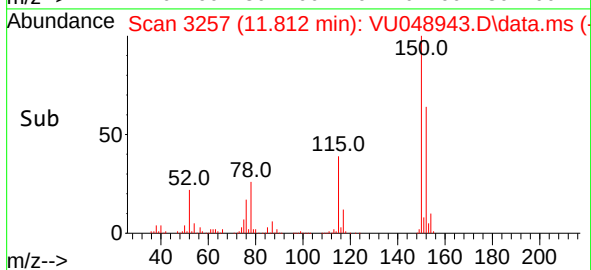
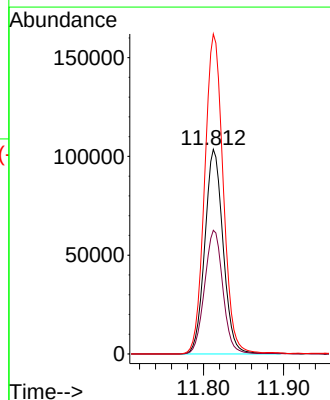
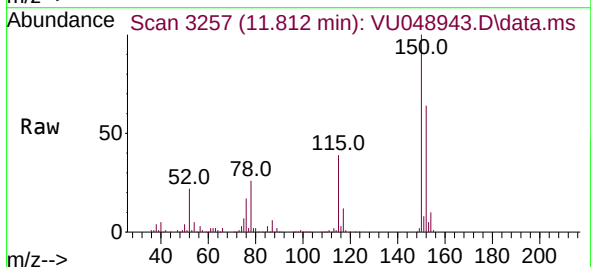
Instrument :
MSVOA_U
ClientSampleId :
DUP08-20220601

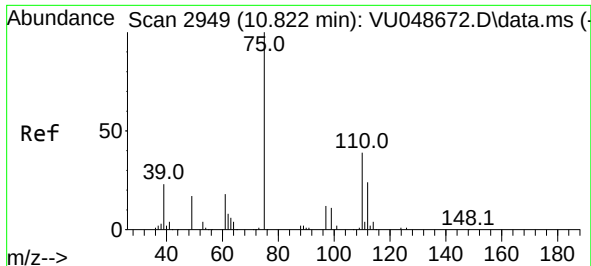
Tgt Ion:117 Resp: 374774
Ion Ratio Lower Upper
117 100
82 57.6 45.3 67.9
119 31.1 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 3257
Delta R.T. 0.003 min
Lab File: VU048943.D
Acq: 08 Jun 2022 04:58

Tgt Ion:152 Resp: 165151
Ion Ratio Lower Upper
152 100
115 60.3 41.8 125.4
150 157.9 0.0 341.0

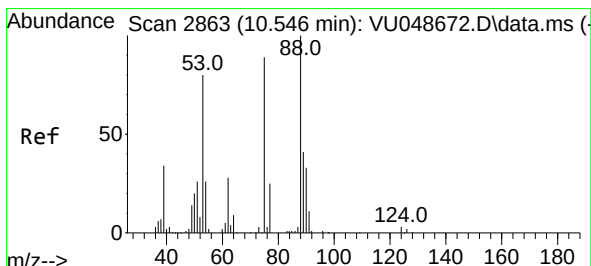
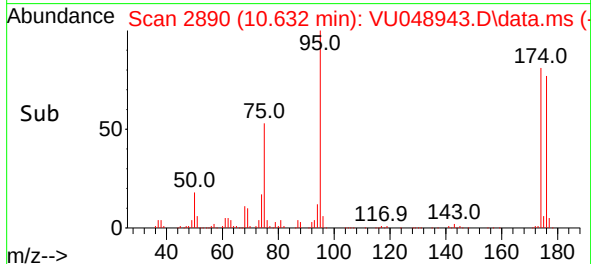
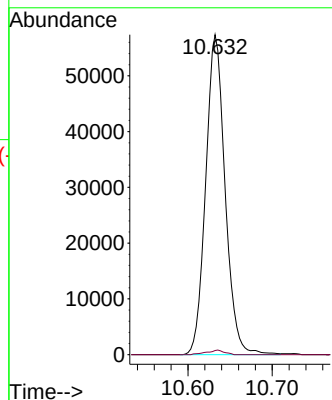
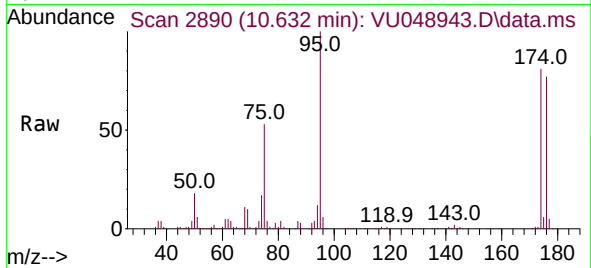




#76
1,2,3-Trichloropropane
Concen: 17.277 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.190 min
Lab File: VU048943.D
Acq: 08 Jun 2022 04:58

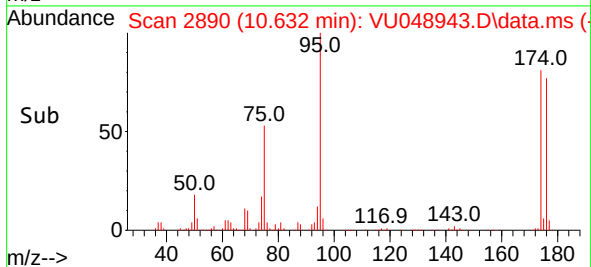
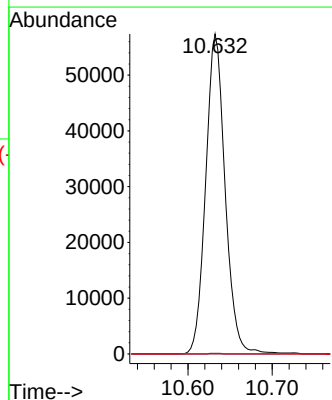
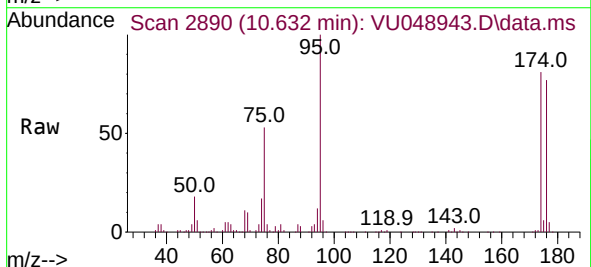
Instrument :
MSVOA_U
ClientSampleId :
DUP08-20220601

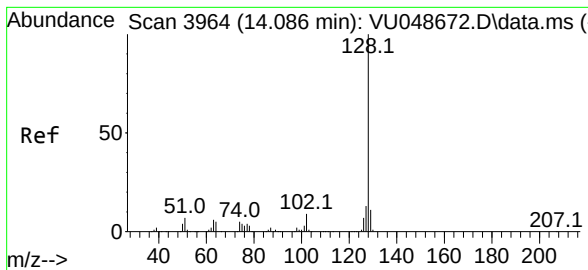
Tgt Ion: 75 Resp: 91997
Ion Ratio Lower Upper
75 100
77 1.3 14.8 44.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 62.730 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. 0.087 min
Lab File: VU048943.D
Acq: 08 Jun 2022 04:58

Tgt Ion: 75 Resp: 91997
Ion Ratio Lower Upper
75 100
53 0.1 72.5 108.7#
89 0.0 37.0 55.4#





#95
 Naphthalene
 Concen: 2.545 ug/l
 RT: 14.105 min Scan# 3964
 Delta R.T. 0.019 min
 Lab File: VU048943.D
 Acq: 08 Jun 2022 04:58

Instrument :
 MSVOA_U
 ClientSampleId :
 DUP08-20220601

Tgt Ion:	128	Resp:	163
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.2	15.4#
129	0.0	8.7	13.1#

