

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060222\
 Data File : VU048809.D
 Acq On : 02 Jun 2022 17:22
 Operator : SY/MD
 Sample : N3112-19
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TB07-20220527

Quant Time: Jun 03 01:17:17 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)

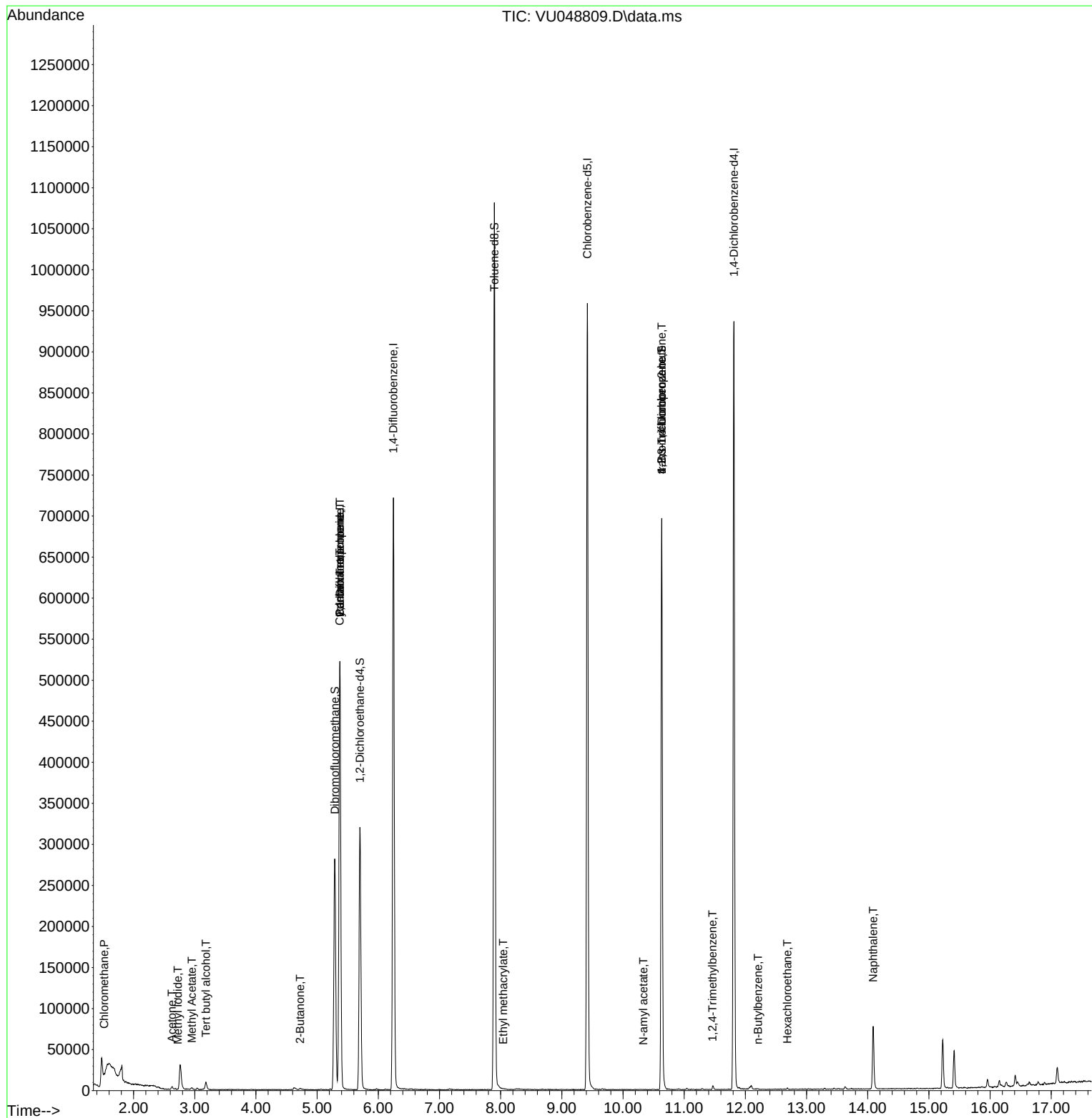
Internal Standards						
1) Pentafluorobenzene	5.372	168	358392	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.247	114	587925	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	535592	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	249604	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	242235	45.005	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.020%
35) Dibromofluoromethane	5.289	113	188114	44.849	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.700%
50) Toluene-d8	7.896	98	723765	48.137	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.280%
62) 4-Bromofluorobenzene	10.632	95	235359	41.391	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	82.780%#
Target Compounds						
					Qvalue	
3) Chloromethane	1.520	50	1352	0.256	ug/l	93
5) Bromomethane	1.835	94	572	Below Cal	#	46
6) Chloroethane	1.871	64	1007	Below Cal	#	45
10) Methyl Iodide	2.723	142	246	3.045	ug/l #	37
11) Tert butyl alcohol	3.183	59	5291	3.877	ug/l #	28
13) Acrolein	2.485	56	245	Below Cal		85
16) Acetone	2.626	43	3877	1.413	ug/l	92
18) Methyl Acetate	2.951	43	2679	0.389	ug/l	98
25) 2-Butanone	4.719	43	2983	0.757	ug/l #	89
31) Cyclohexane	5.369	56	7470	1.101	ug/l #	1
36) 1,1-Dichloropropene	5.372	75	29569	4.830	ug/l #	50
38) Carbon Tetrachloride	5.372	117	35717	5.086	ug/l #	17
56) Ethyl methacrylate	8.041	69	19	2.616	ug/l #	26
74) N-amyl acetate	10.333	43	24	2.470	ug/l #	41
76) 1,2,3-Trichloropropane	10.632	75	119248	14.817	ug/l #	47
81) trans-1,4-Dichloro-2-b...	10.632	75	119248	53.800	ug/l #	13
84) 1,2,4-Trimethylbenzene	11.465	105	2996	1.381	ug/l	84
89) n-Butylbenzene	12.208	91	69	2.190	ug/l #	29
90) Hexachloroethane	12.687	117	855	0.290	ug/l #	10
95) Naphthalene	14.089	128	67326	5.786	ug/l	99

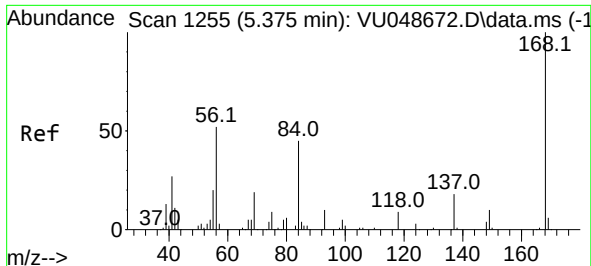
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060222\
Data File : VU048809.D
Acq On : 02 Jun 2022 17:22
Operator : SY/MD
Sample : N3112-19
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
TB07-20220527

Quant Time: Jun 03 01:17:17 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

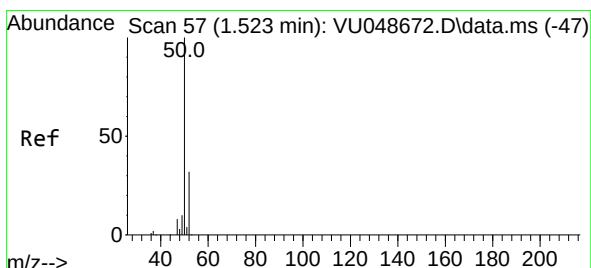
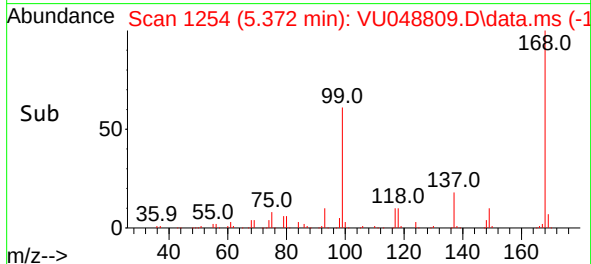
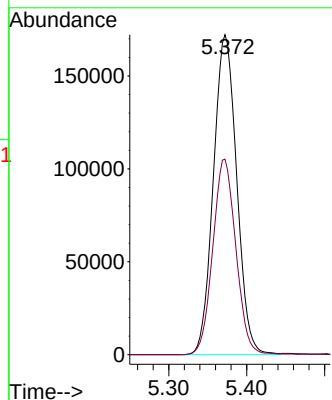
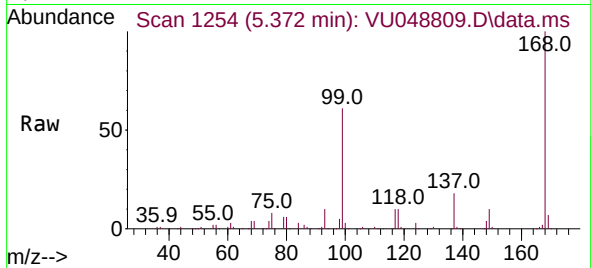




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU048809.D
Acq: 02 Jun 2022 17:22

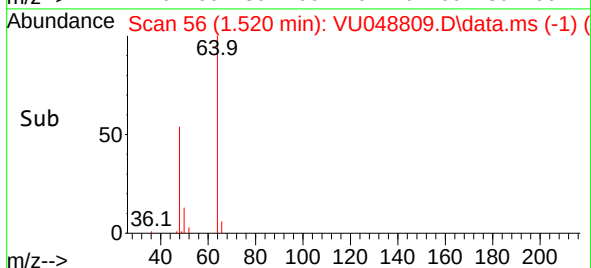
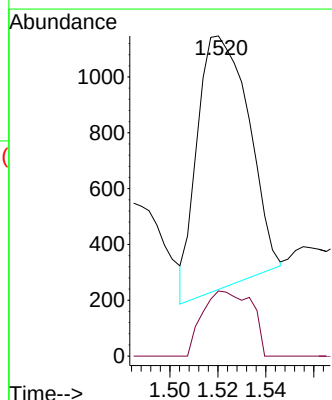
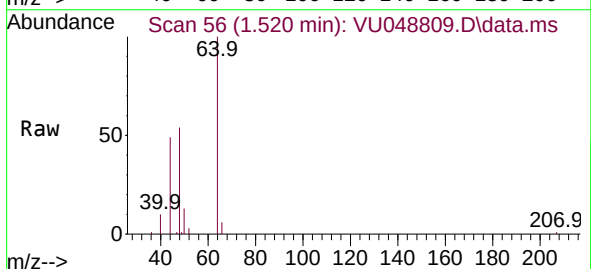
Instrument :
MSVOA_U
ClientSampleId :
TB07-20220527

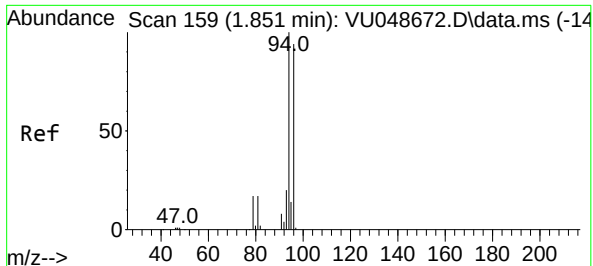
Tgt Ion:168 Resp: 358392
Ion Ratio Lower Upper
168 100
99 61.1 49.3 73.9



#3
Chloromethane
Concen: 0.256 ug/l
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU048809.D
Acq: 02 Jun 2022 17:22

Tgt Ion: 50 Resp: 1352
Ion Ratio Lower Upper
50 100
52 28.3 25.7 38.5

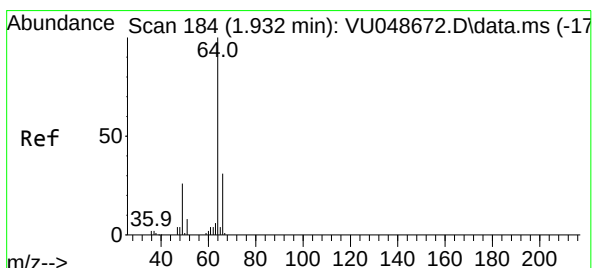
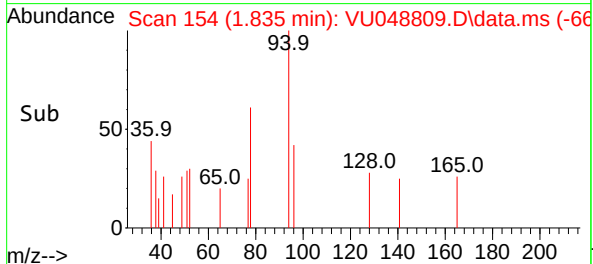
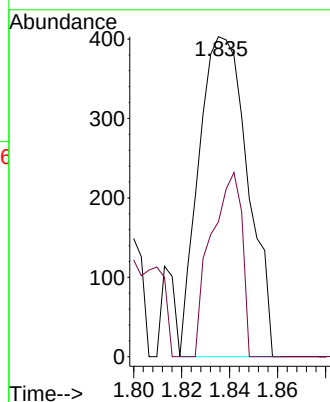
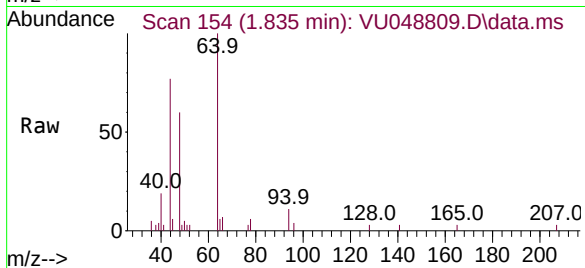




#5
Bromomethane
Concen: Below Cal
RT: 1.835 min Scan# 11
Delta R.T. -0.016 min
Lab File: VU048809.D
Acq: 02 Jun 2022 17:22

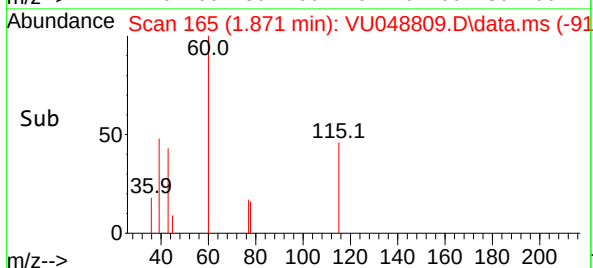
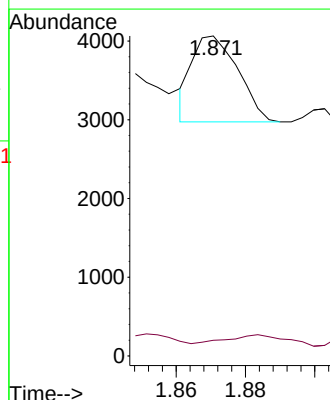
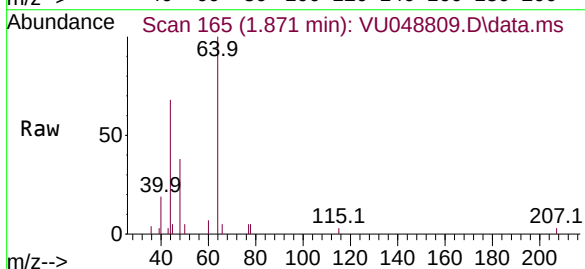
Instrument :
MSVOA_U
ClientSampleId :
TB07-20220527

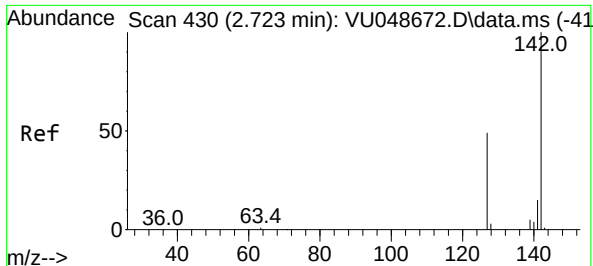
Tgt Ion: 94 Resp: 572
Ion Ratio Lower Upper
94 100
96 42.2 75.1 112.7#



#6
Chloroethane
Concen: Below Cal
RT: 1.871 min Scan# 165
Delta R.T. -0.061 min
Lab File: VU048809.D
Acq: 02 Jun 2022 17:22

Tgt Ion: 64 Resp: 1007
Ion Ratio Lower Upper
64 100
66 1.1 25.2 37.8#

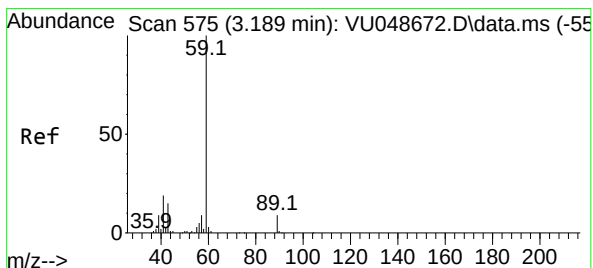
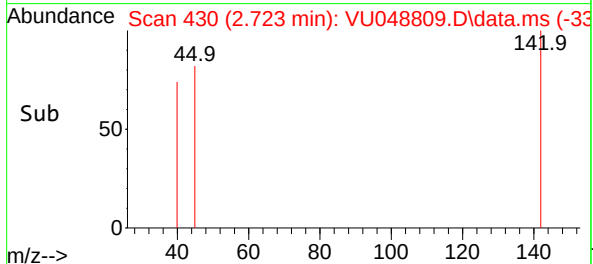
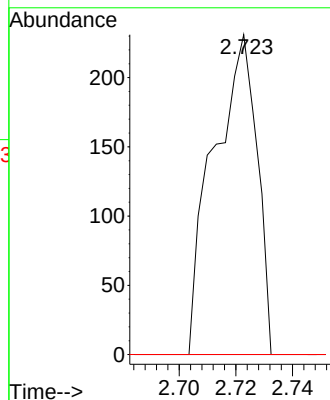
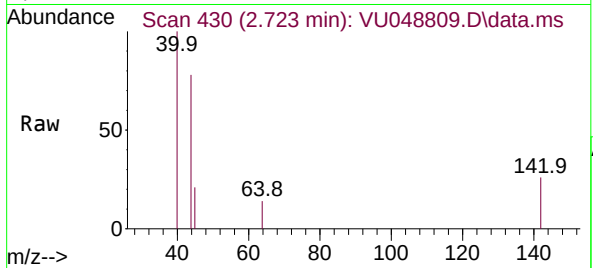




#10
Methyl Iodide
Concen: 3.045 ug/l
RT: 2.723 min Scan# 41
Delta R.T. -0.000 min
Lab File: VU048809.D
Acq: 02 Jun 2022 17:22

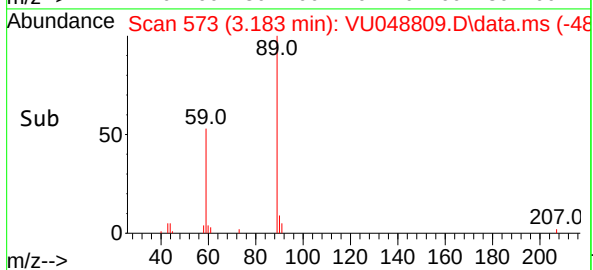
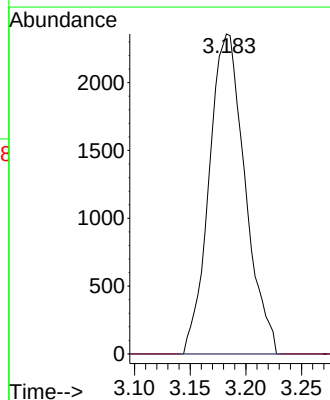
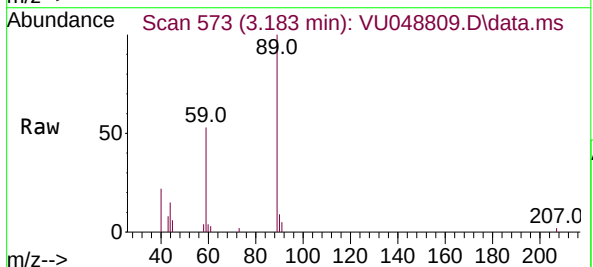
Instrument :
MSVOA_U
ClientSampleId :
TB07-20220527

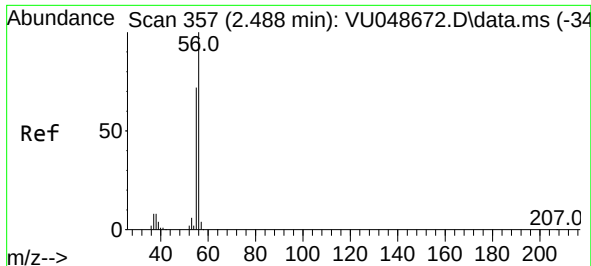
Tgt Ion:142 Resp: 246
Ion Ratio Lower Upper
142 100
127 0.0 38.4 57.6#
141 0.0 11.5 17.3#



#11
Tert butyl alcohol
Concen: 3.877 ug/l
RT: 3.183 min Scan# 573
Delta R.T. -0.006 min
Lab File: VU048809.D
Acq: 02 Jun 2022 17:22

Tgt Ion: 59 Resp: 5291
Ion Ratio Lower Upper
59 100
57 0.0 39.7 59.5#

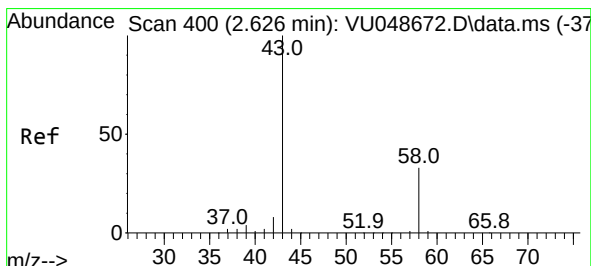
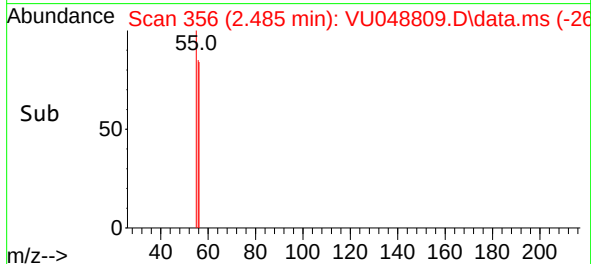
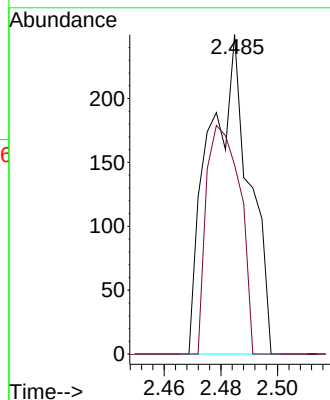
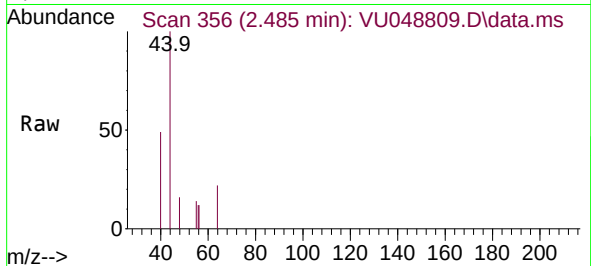




#13
Acrolein
Concen: Below Cal
RT: 2.485 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU048809.D
Acq: 02 Jun 2022 17:22

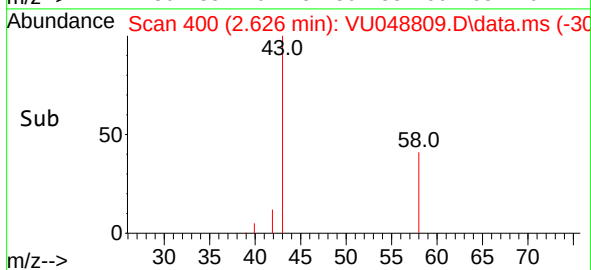
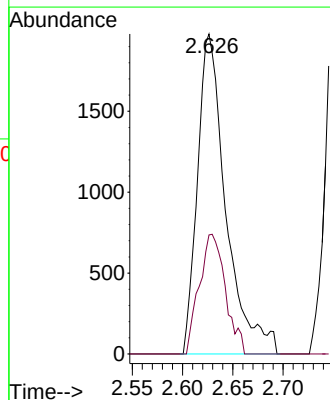
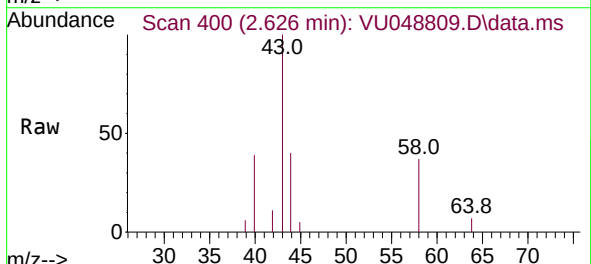
Instrument :
MSVOA_U
ClientSampleId :
TB07-20220527

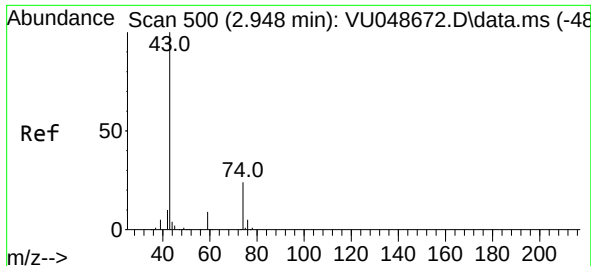
Tgt Ion: 56 Resp: 245
Ion Ratio Lower Upper
56 100
55 60.0 57.7 86.5



#16
Acetone
Concen: 1.413 ug/l
RT: 2.626 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU048809.D
Acq: 02 Jun 2022 17:22

Tgt Ion: 43 Resp: 3877
Ion Ratio Lower Upper
43 100
58 37.2 26.3 39.5

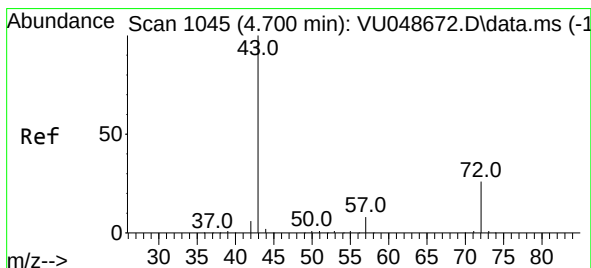
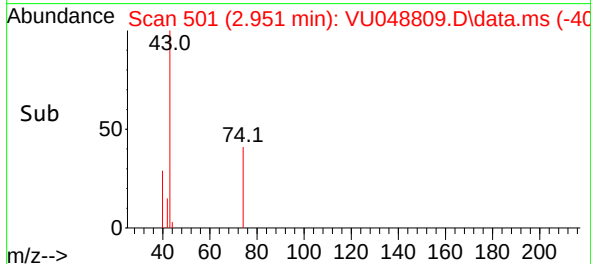
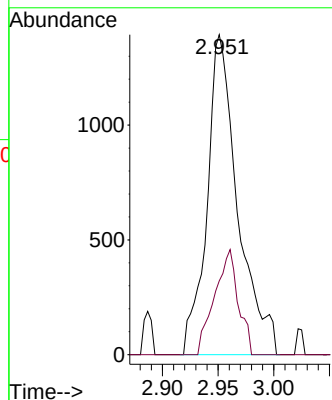
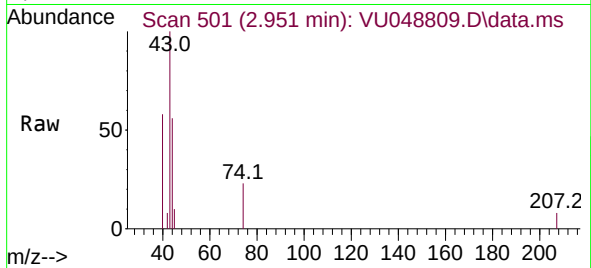




#18
Methyl Acetate
Concen: 0.389 ug/l
RT: 2.951 min Scan# 501
Delta R.T. 0.003 min
Lab File: VU048809.D
Acq: 02 Jun 2022 17:22

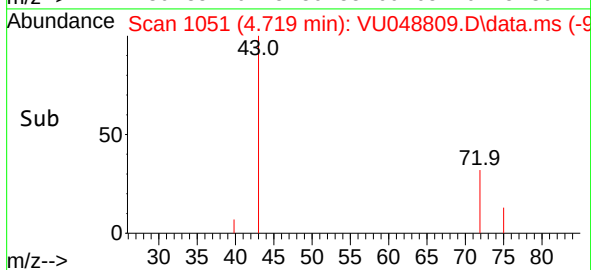
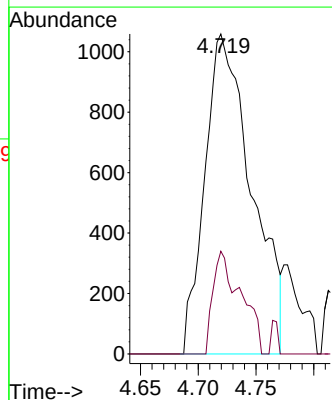
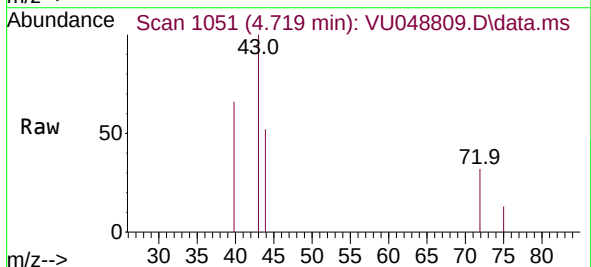
Instrument :
MSVOA_U
ClientSampleId :
TB07-20220527

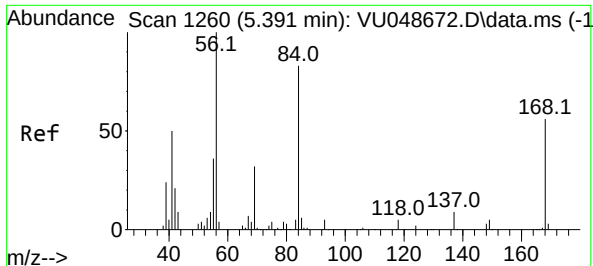
Tgt Ion: 43 Resp: 2679
Ion Ratio Lower Upper
43 100
74 25.2 19.2 28.8



#25
2-Butanone
Concen: 0.757 ug/l
RT: 4.719 min Scan# 1051
Delta R.T. 0.019 min
Lab File: VU048809.D
Acq: 02 Jun 2022 17:22

Tgt Ion: 43 Resp: 2983
Ion Ratio Lower Upper
43 100
72 32.1 21.1 31.7#





#31

Cyclohexane

Concen: 1.101 ug/l

RT: 5.369 min Scan# 1253

Delta R.T. -0.022 min

Lab File: VU048809.D

Acq: 02 Jun 2022 17:22

Instrument :

MSVOA_U

ClientSampleId :

TB07-20220527

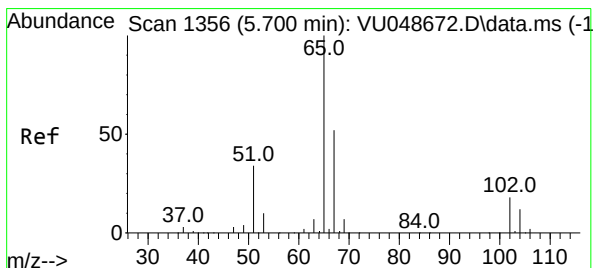
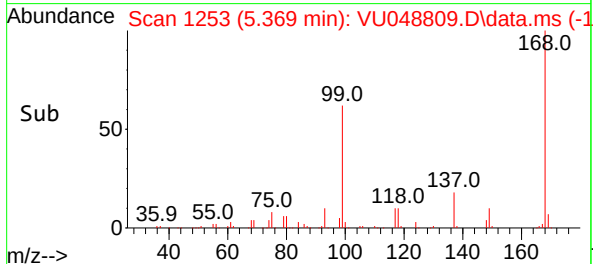
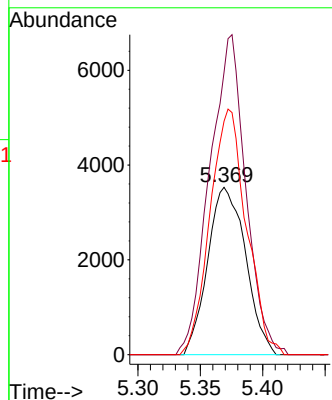
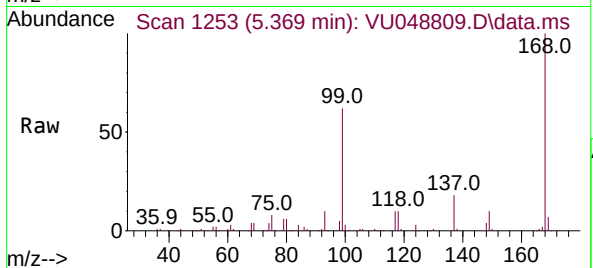
Tgt Ion: 56 Resp: 7470

Ion Ratio Lower Upper

56 100

69 165.2 25.6 38.4#

84 139.4 66.2 99.4#



#33

1,2-Dichloroethane-d4

Concen: 45.005 ug/l

RT: 5.700 min Scan# 1356

Delta R.T. 0.000 min

Lab File: VU048809.D

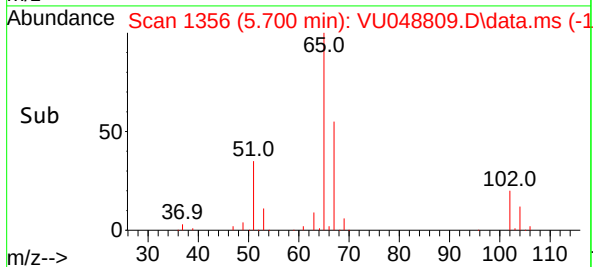
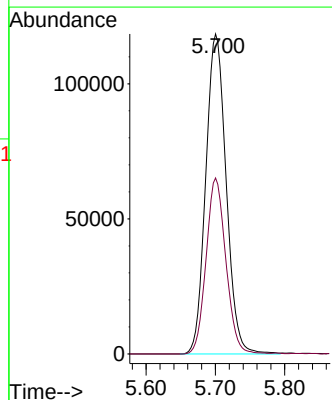
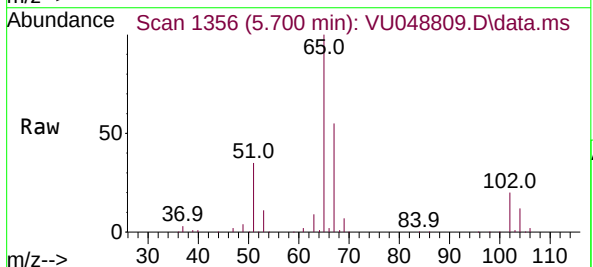
Acq: 02 Jun 2022 17:22

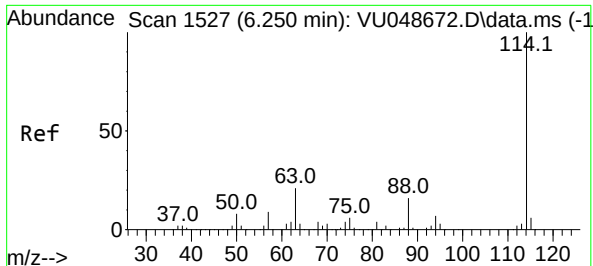
Tgt Ion: 65 Resp: 242235

Ion Ratio Lower Upper

65 100

67 53.2 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.247 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU048809.D

Acq: 02 Jun 2022 17:22

Instrument :

MSVOA_U

ClientSampleId :

TB07-20220527

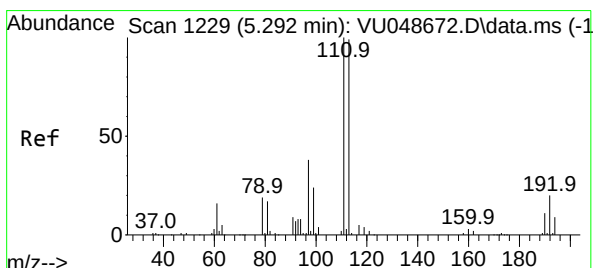
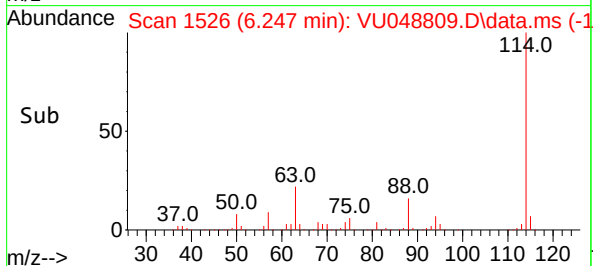
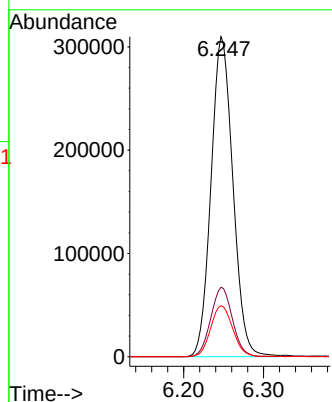
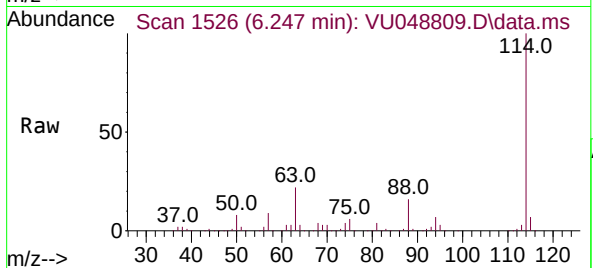
Tgt Ion:114 Resp: 587925

Ion Ratio Lower Upper

114 100

63 21.7 0.0 42.6

88 15.9 0.0 32.2



#35

Dibromofluoromethane

Concen: 44.849 ug/l

RT: 5.289 min Scan# 1228

Delta R.T. -0.003 min

Lab File: VU048809.D

Acq: 02 Jun 2022 17:22

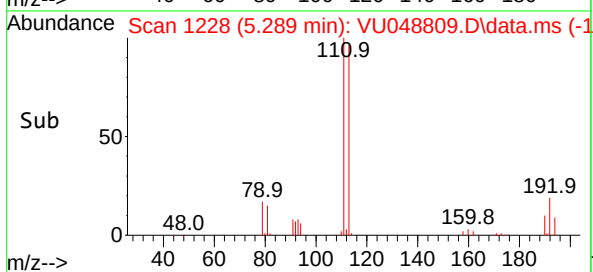
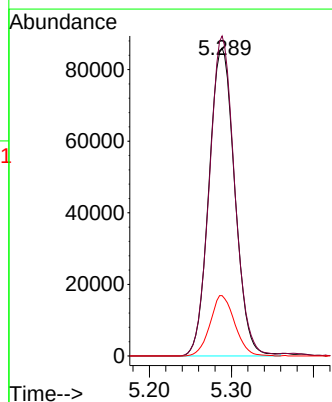
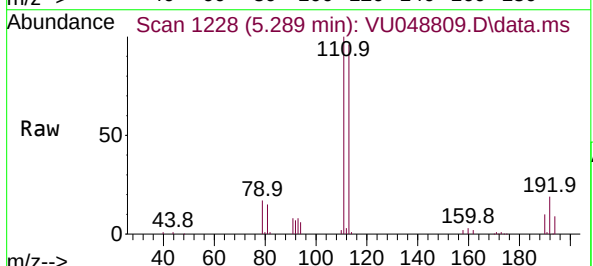
Tgt Ion:113 Resp: 188114

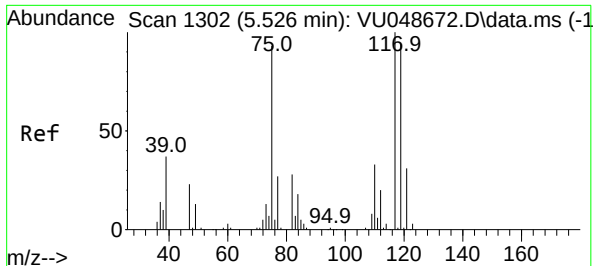
Ion Ratio Lower Upper

113 100

111 101.5 80.7 121.1

192 18.8 15.9 23.9





#36

1,1-Dichloropropene

Concen: 4.830 ug/l

RT: 5.372 min Scan# 1

Delta R.T. -0.154 min

Lab File: VU048809.D

Acq: 02 Jun 2022 17:22

Instrument :

MSVOA_U

ClientSampleId :

TB07-20220527

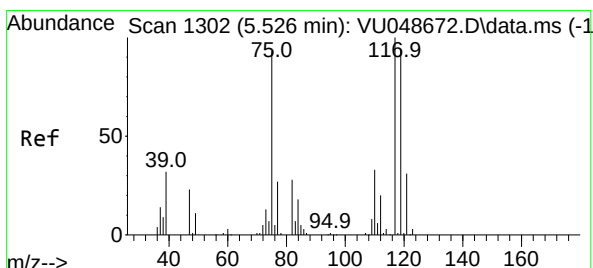
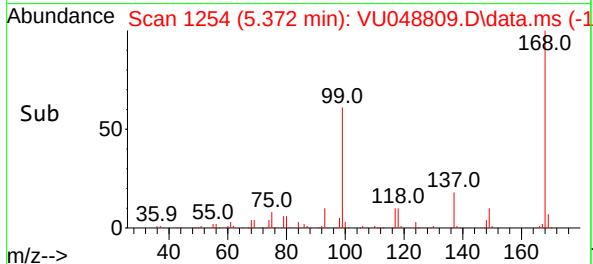
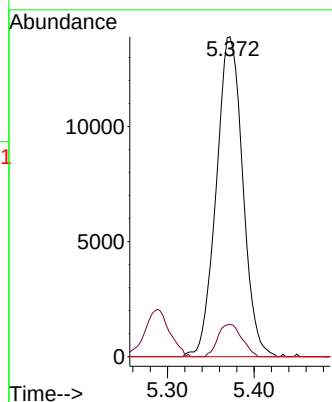
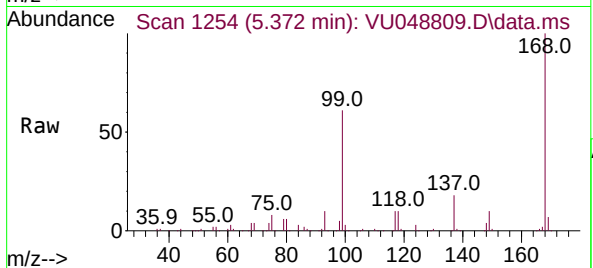
Tgt Ion: 75 Resp: 29569

Ion Ratio Lower Upper

75 100

110 9.1 17.4 52.3#

77 0.0 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 5.086 ug/l

RT: 5.372 min Scan# 1254

Delta R.T. -0.154 min

Lab File: VU048809.D

Acq: 02 Jun 2022 17:22

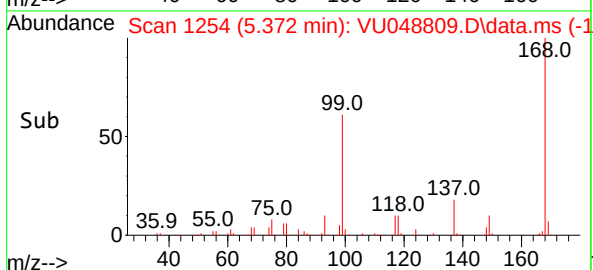
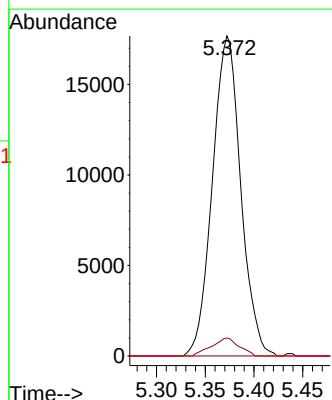
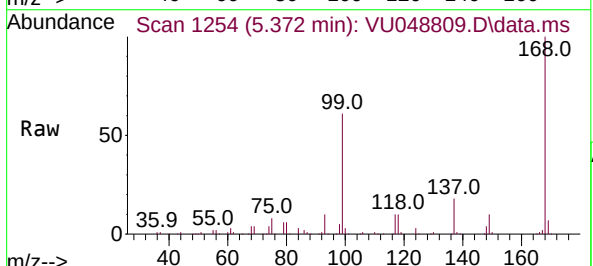
Tgt Ion: 117 Resp: 35717

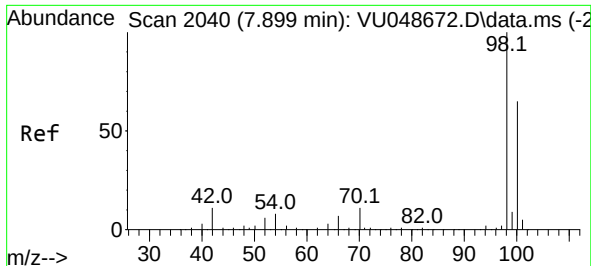
Ion Ratio Lower Upper

117 100

119 5.6 75.4 113.2#

121 0.0 24.6 36.8#

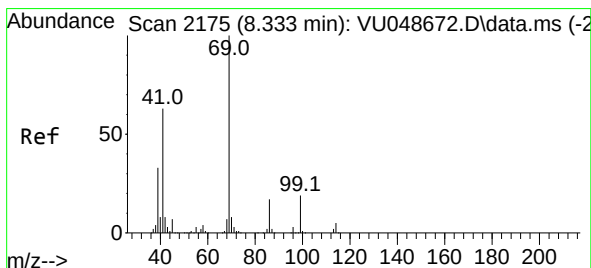
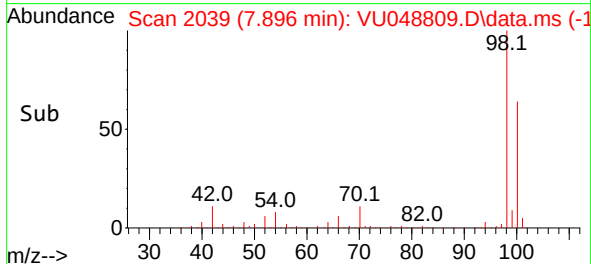
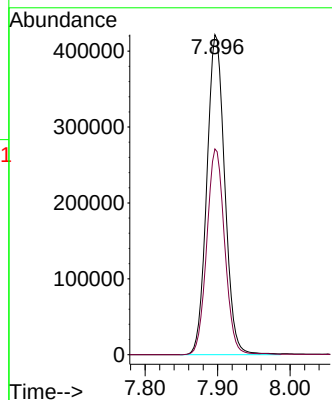
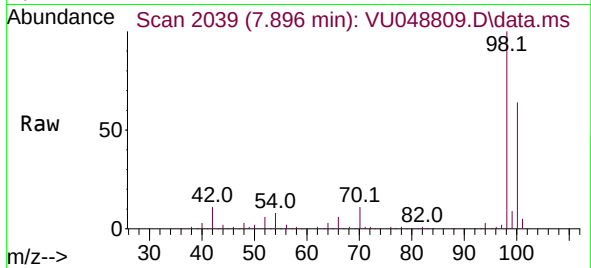




#50
Toluene-d8
Concen: 48.137 ug/l
RT: 7.896 min Scan# 2040
Delta R.T. -0.003 min
Lab File: VU048809.D
Acq: 02 Jun 2022 17:22

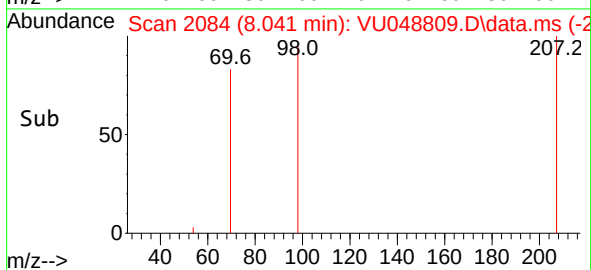
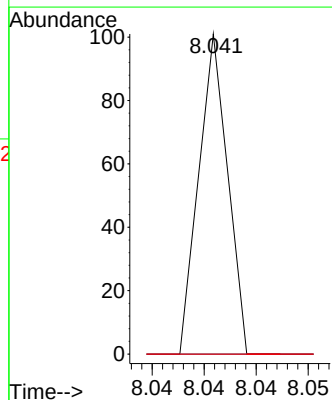
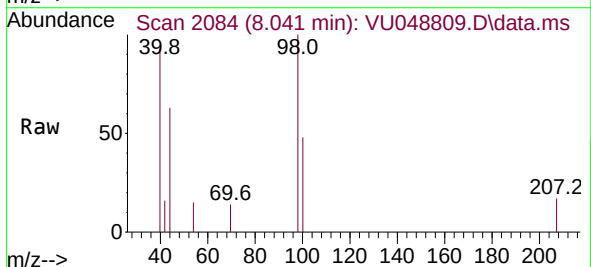
Instrument :
MSVOA_U
ClientSampleId :
TB07-20220527

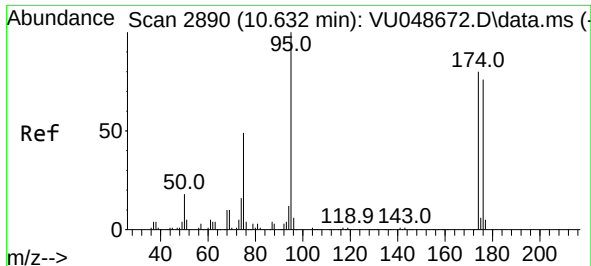
Tgt Ion: 98 Resp: 723765
Ion Ratio Lower Upper
98 100
100 64.2 52.2 78.4



#56
Ethyl methacrylate
Concen: 2.616 ug/l
RT: 8.041 min Scan# 2084
Delta R.T. -0.292 min
Lab File: VU048809.D
Acq: 02 Jun 2022 17:22

Tgt Ion: 69 Resp: 19
Ion Ratio Lower Upper
69 100
41 0.0 50.6 76.0#
39 0.0 26.6 40.0#

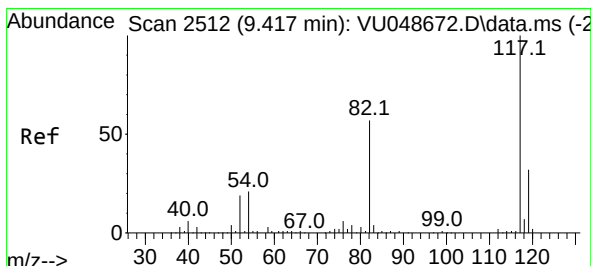
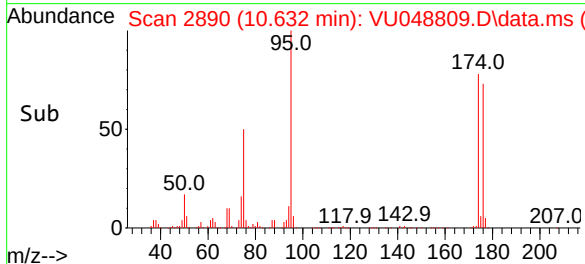
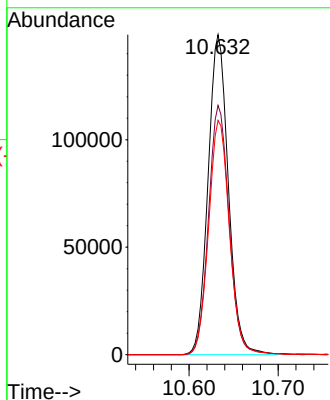
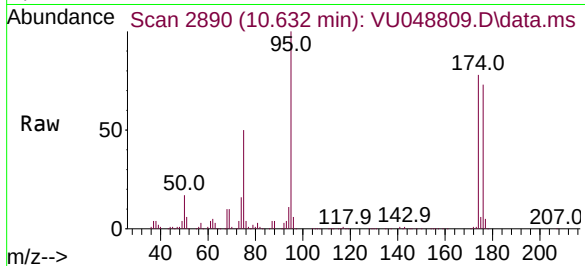




#62
4-Bromofluorobenzene
Concen: 41.391 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. 0.000 min
Lab File: VU048809.D
Acq: 02 Jun 2022 17:22

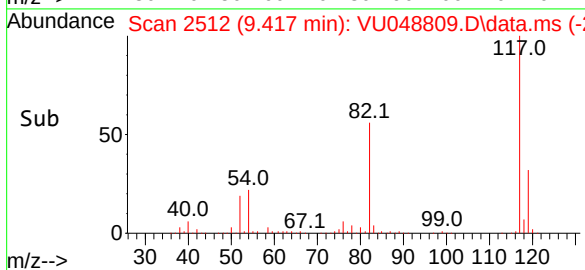
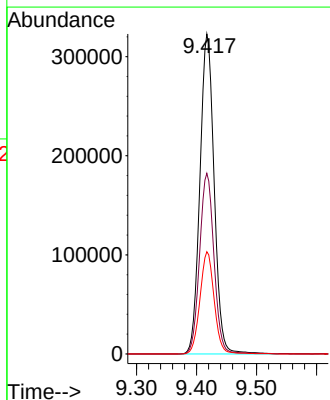
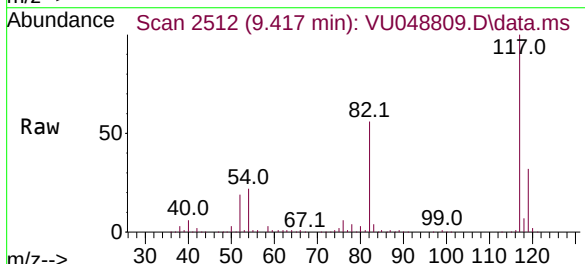
Instrument :
MSVOA_U
ClientSampleId :
TB07-20220527

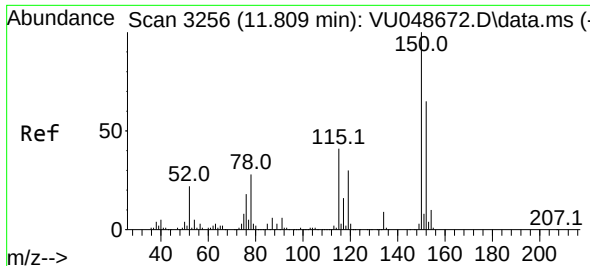
Tgt Ion: 95 Resp: 235359
Ion Ratio Lower Upper
95 100
174 79.2 0.0 159.4
176 75.2 0.0 152.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 2512
Delta R.T. 0.000 min
Lab File: VU048809.D
Acq: 02 Jun 2022 17:22

Tgt Ion: 117 Resp: 535592
Ion Ratio Lower Upper
117 100
82 56.4 45.3 67.9
119 32.0 25.4 38.2

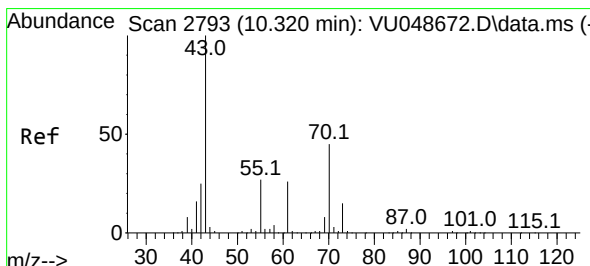
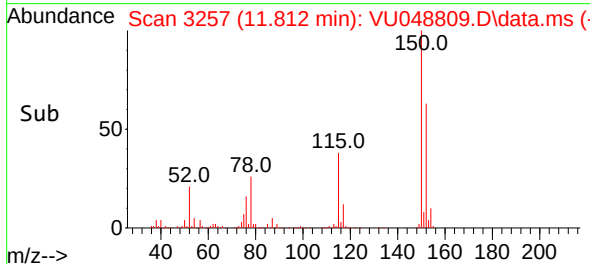
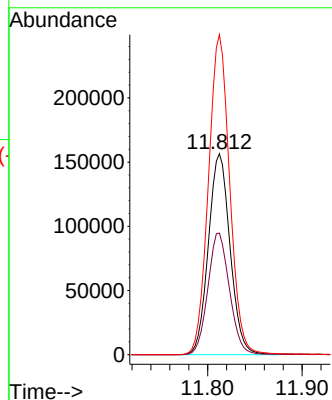
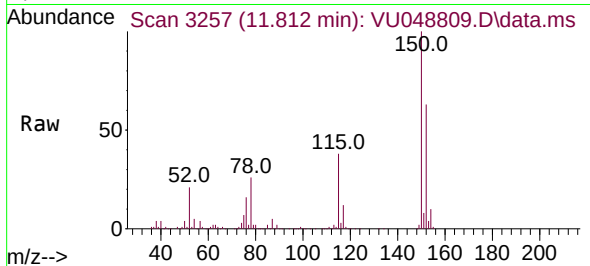




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU048809.D
Acq: 02 Jun 2022 17:22

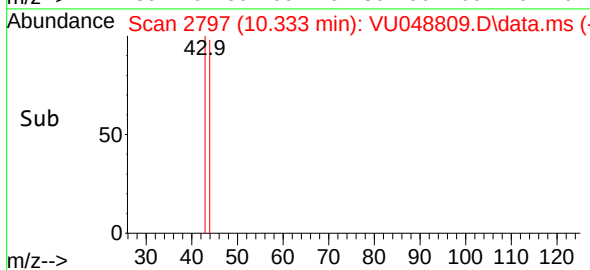
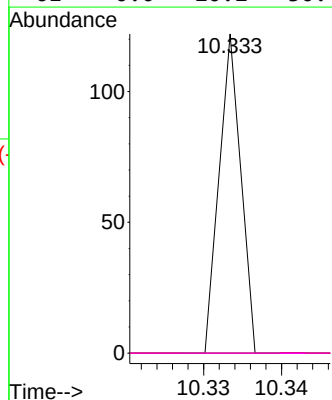
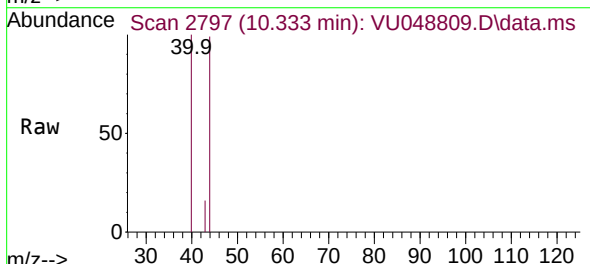
Instrument :
MSVOA_U
ClientSampleId :
TB07-20220527

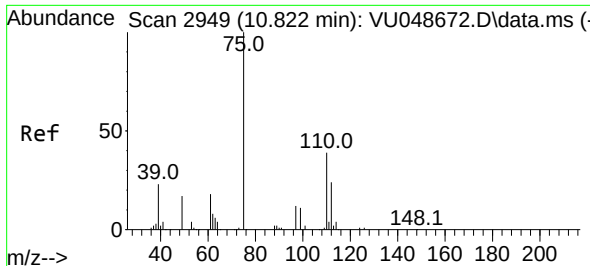
Tgt Ion:152 Resp: 249604
Ion Ratio Lower Upper
152 100
115 60.4 41.8 125.4
150 156.2 0.0 341.0



#74
N-ethyl acetate
Concen: 2.470 ug/l
RT: 10.333 min Scan# 2797
Delta R.T. 0.013 min
Lab File: VU048809.D
Acq: 02 Jun 2022 17:22

Tgt Ion: 43 Resp: 24
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#

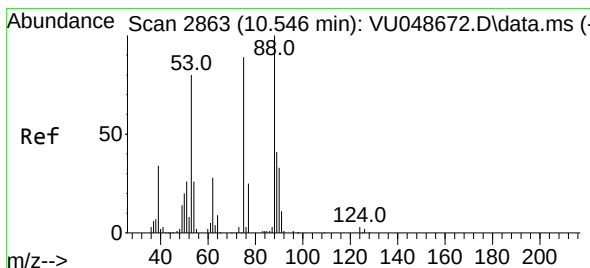
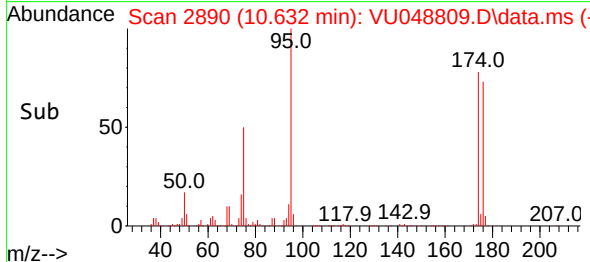
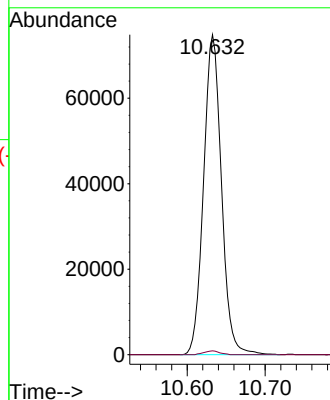
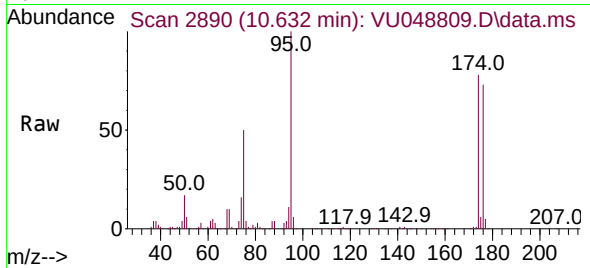




#76
1,2,3-Trichloropropane
Concen: 14.817 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.190 min
Lab File: VU048809.D
Acq: 02 Jun 2022 17:22

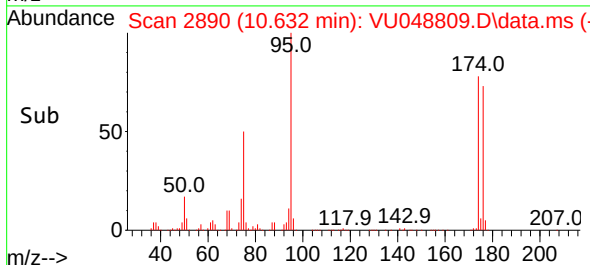
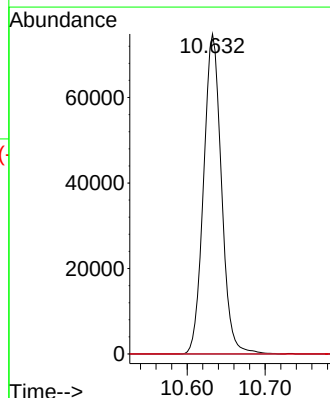
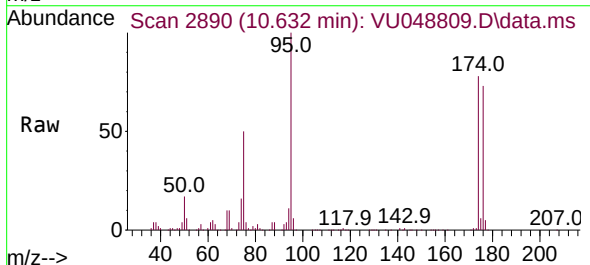
Instrument :
MSVOA_U
ClientSampleId :
TB07-20220527

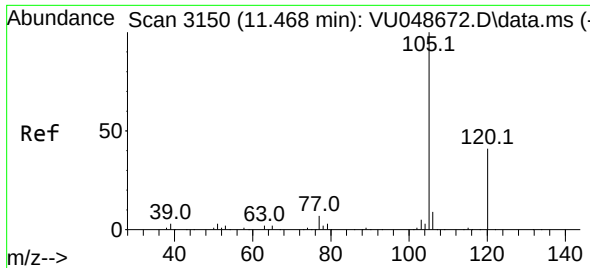
Tgt Ion: 75 Resp: 119248
Ion Ratio Lower Upper
75 100
77 1.0 14.8 44.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 53.800 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. 0.087 min
Lab File: VU048809.D
Acq: 02 Jun 2022 17:22

Tgt Ion: 75 Resp: 119248
Ion Ratio Lower Upper
75 100
53 0.0 72.5 108.7#
89 0.0 37.0 55.4#

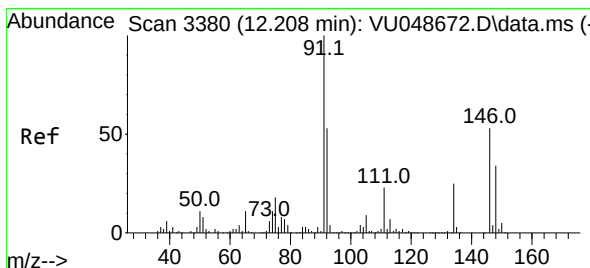
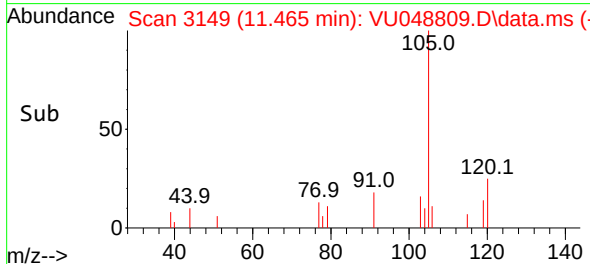
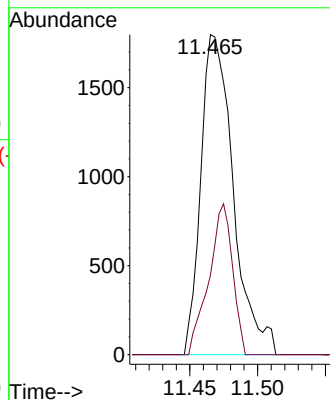
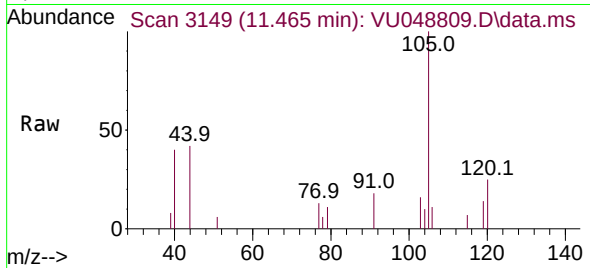




#84
1,2,4-Trimethylbenzene
Concen: 1.381 ug/l
RT: 11.465 min Scan# 3150
Delta R.T. -0.003 min
Lab File: VU048809.D
Acq: 02 Jun 2022 17:22

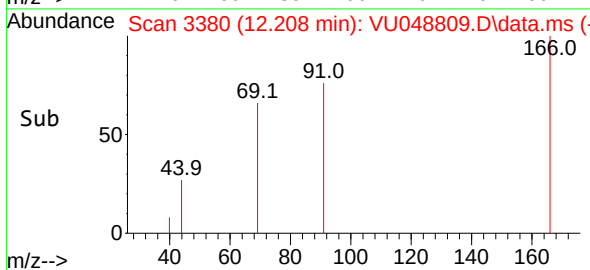
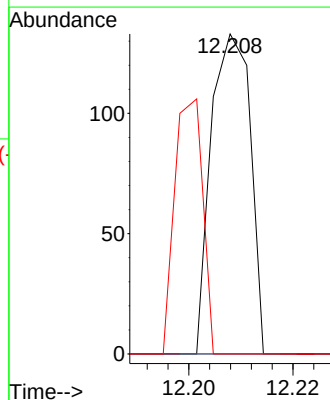
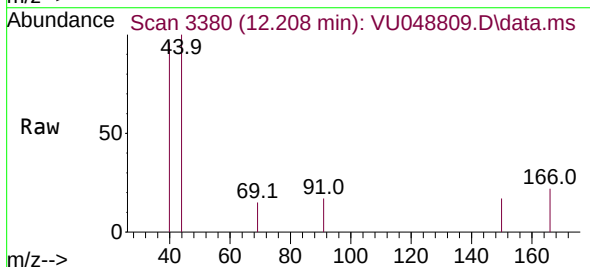
Instrument :
MSVOA_U
ClientSampleId :
TB07-20220527

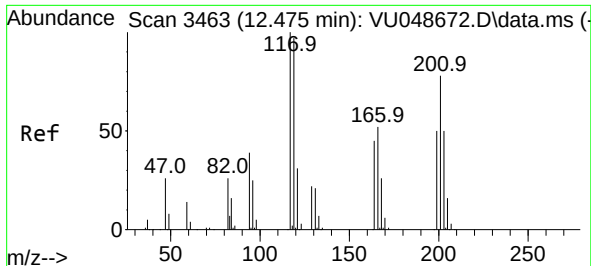
Tgt Ion:105 Resp: 2996
Ion Ratio Lower Upper
105 100
120 34.2 22.5 67.5



#89
n-Butylbenzene
Concen: 2.190 ug/l
RT: 12.208 min Scan# 3380
Delta R.T. -0.000 min
Lab File: VU048809.D
Acq: 02 Jun 2022 17:22

Tgt Ion: 91 Resp: 69
Ion Ratio Lower Upper
91 100
92 0.0 25.9 77.8#
134 58.0 12.5 37.5#

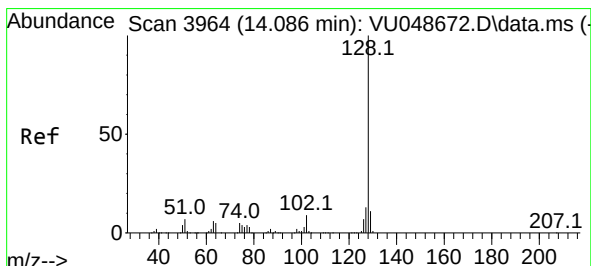
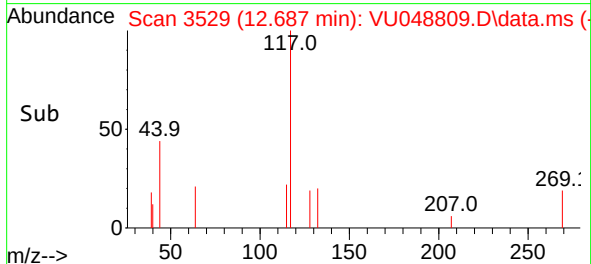
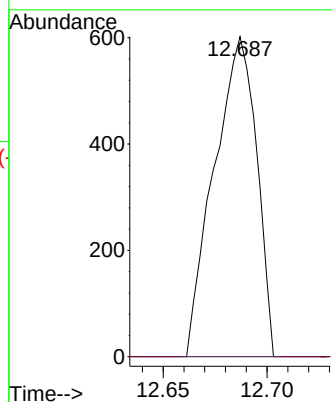
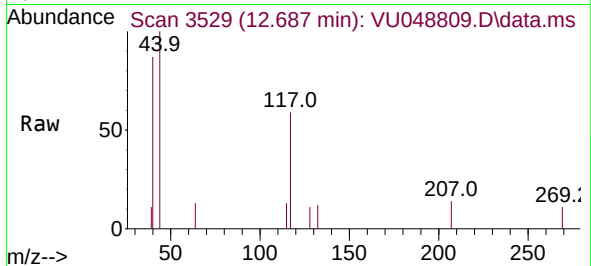




#90
Hexachloroethane
Concen: 0.290 ug/l
RT: 12.687 min Scan# 311
Delta R.T. 0.212 min
Lab File: VU048809.D
Acq: 02 Jun 2022 17:22

Instrument :
MSVOA_U
ClientSampleId :
TB07-20220527

Tgt Ion:117 Resp: 855
Ion Ratio Lower Upper
117 100
201 0.0 39.6 119.0#



#95
Naphthalene
Concen: 5.786 ug/l
RT: 14.089 min Scan# 3965
Delta R.T. 0.003 min
Lab File: VU048809.D
Acq: 02 Jun 2022 17:22

Tgt Ion:128 Resp: 67326
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 10.3 8.7 13.1

