

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060722\
 Data File : VU048919.D
 Acq On : 07 Jun 2022 18:58
 Operator : SY/MD
 Sample : N3166-10
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TB08-20220531

Quant Time: Jun 08 04:55:47 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)

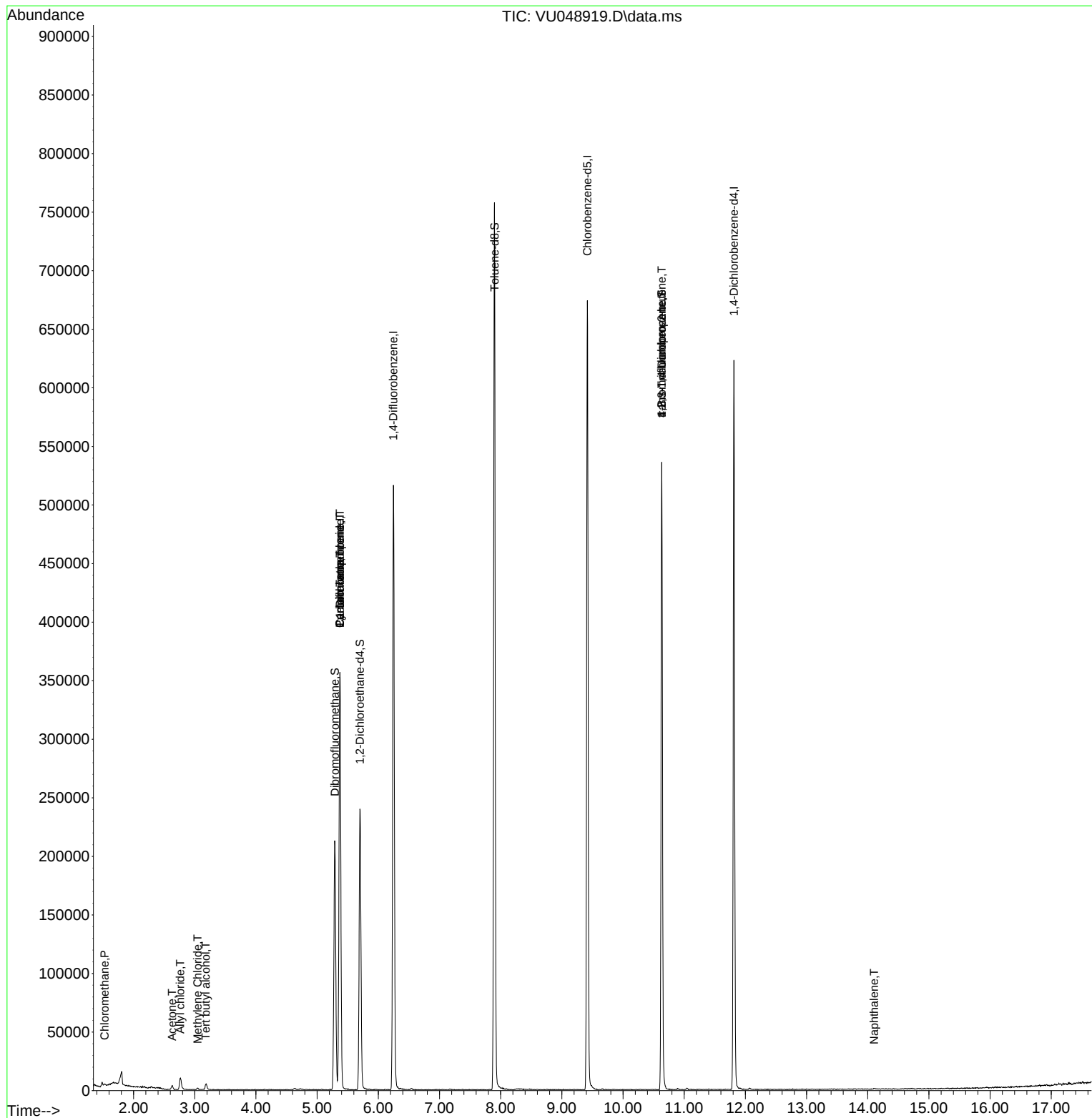
Internal Standards						
1) Pentafluorobenzene	5.372	168	239890	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.247	114	409753	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	374047	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	166268	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	188478	52.316	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.640%			
35) Dibromofluoromethane	5.289	113	136846	46.813	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 93.620%			
50) Toluene-d8	7.899	98	498168	47.540	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 95.080%			
62) 4-Bromofluorobenzene	10.632	95	178406	45.018	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 90.040%			
Target Compounds						Qvalue
3) Chloromethane	1.527	50	997	0.282	ug/l	98
5) Bromomethane	1.839	94	52	Below Cal	#	3
6) Chloroethane	1.929	64	274	Below Cal	#	43
11) Tert butyl alcohol	3.179	59	3405	3.728	ug/l #	28
13) Acrolein	2.482	56	42	Below Cal	#	14
14) Allyl chloride	2.761	41	1336	0.283	ug/l #	85
16) Acetone	2.629	43	4023	2.191	ug/l #	76
20) Methylene Chloride	3.044	84	721	0.231	ug/l #	86
31) Cyclohexane	5.372	56	4996	1.100	ug/l #	1
36) 1,1-Dichloropropene	5.372	75	20116	4.715	ug/l #	49
38) Carbon Tetrachloride	5.372	117	25108	5.130	ug/l #	18
76) 1,2,3-Trichloropropane	10.632	75	92338	17.224	ug/l #	48
81) trans-1,4-Dichloro-2-b...	10.632	75	92338	62.540	ug/l #	13
95) Naphthalene	14.105	128	355	2.558	ug/l #	69

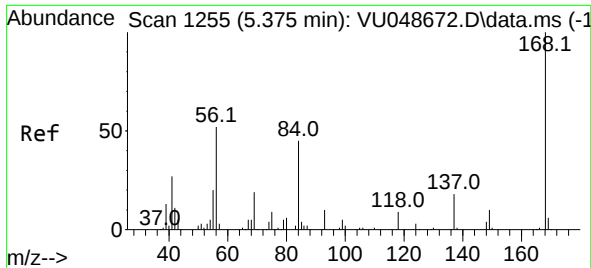
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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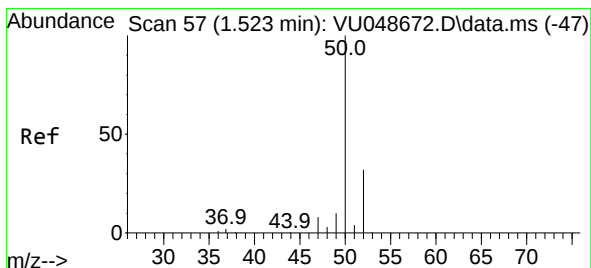
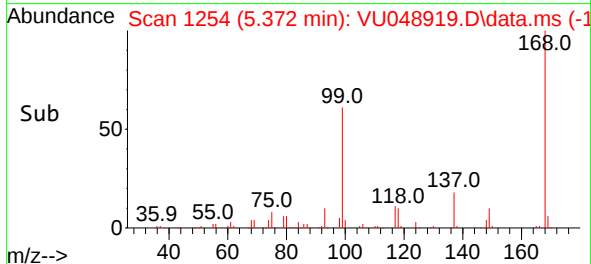
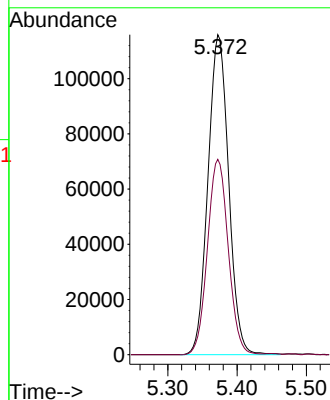
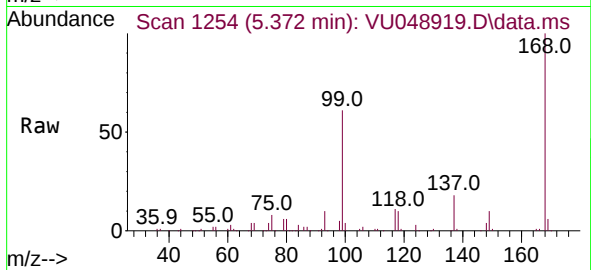




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU048919.D
Acq: 07 Jun 2022 18:58

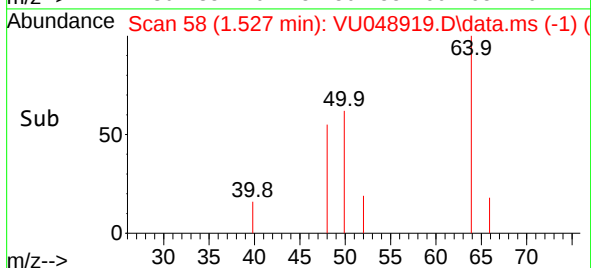
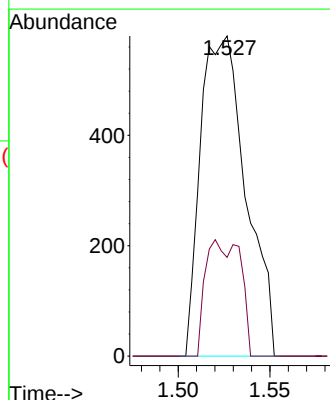
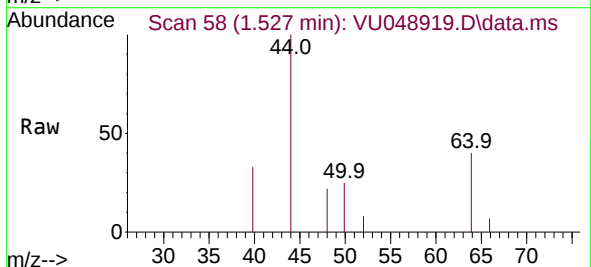
Instrument :
MSVOA_U
ClientSampleId :
TB08-20220531

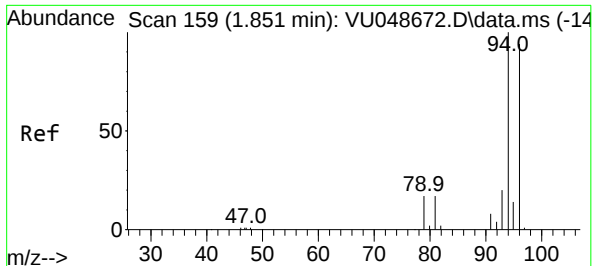
Tgt Ion:168 Resp: 239890
Ion Ratio Lower Upper
168 100
99 61.1 49.3 73.9



#3
Chloromethane
Concen: 0.282 ug/l
RT: 1.527 min Scan# 58
Delta R.T. 0.003 min
Lab File: VU048919.D
Acq: 07 Jun 2022 18:58

Tgt Ion: 50 Resp: 997
Ion Ratio Lower Upper
50 100
52 30.9 25.7 38.5

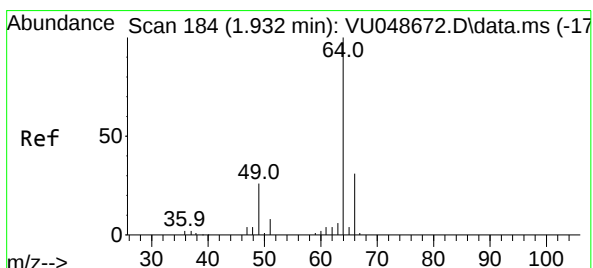
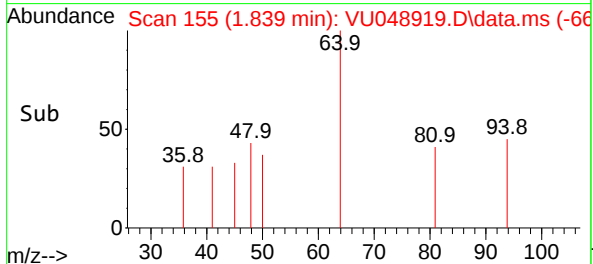
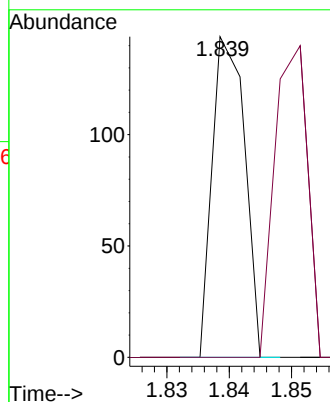
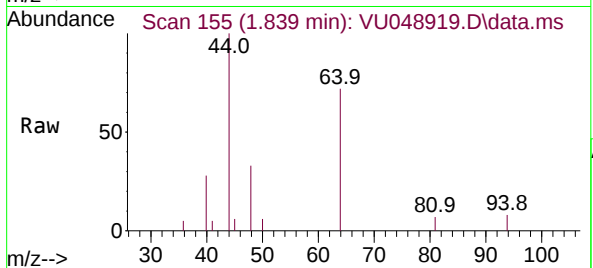




#5
Bromomethane
Concen: Below Cal
RT: 1.839 min Scan# 11
Delta R.T. -0.012 min
Lab File: VU048919.D
Acq: 07 Jun 2022 18:58

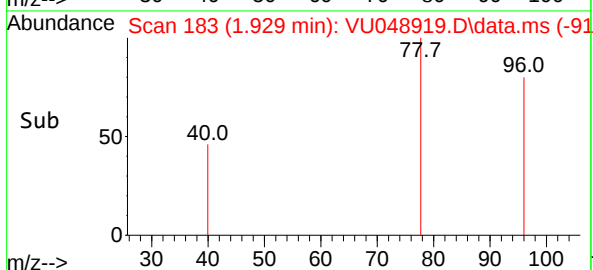
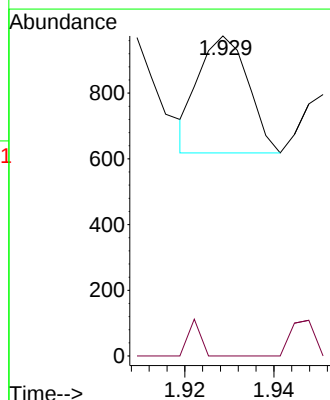
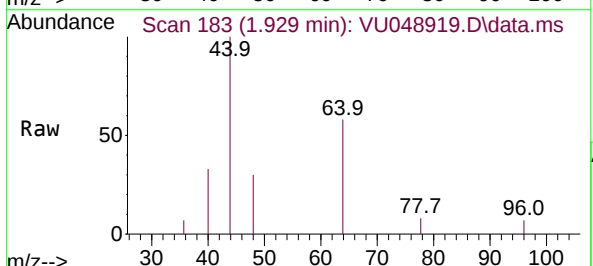
Instrument :
MSVOA_U
ClientSampleId :
TB08-20220531

Tgt Ion: 94 Resp: 52
Ion Ratio Lower Upper
94 100
96 0.0 75.1 112.7#



#6
Chloroethane
Concen: Below Cal
RT: 1.929 min Scan# 183
Delta R.T. -0.003 min
Lab File: VU048919.D
Acq: 07 Jun 2022 18:58

Tgt Ion: 64 Resp: 274
Ion Ratio Lower Upper
64 100
66 0.0 25.2 37.8#

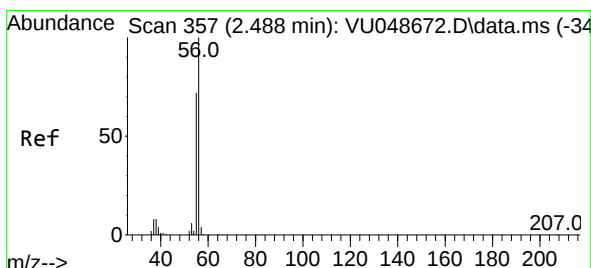
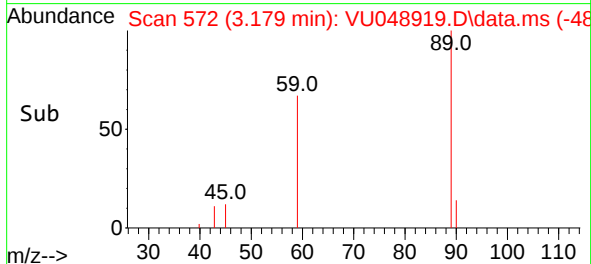
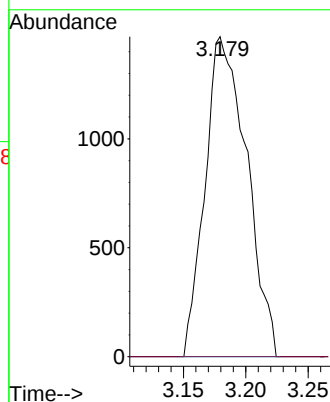
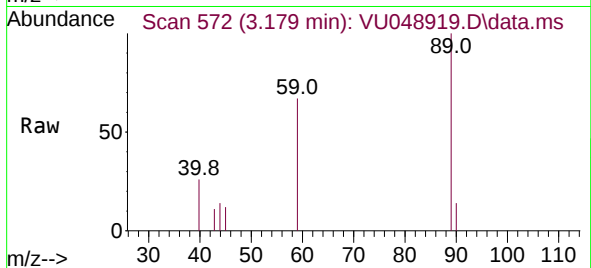




#11
Tert butyl alcohol
Concen: 3.728 ug/l
RT: 3.179 min Scan# 51
Delta R.T. -0.010 min
Lab File: VU048919.D
Acq: 07 Jun 2022 18:58

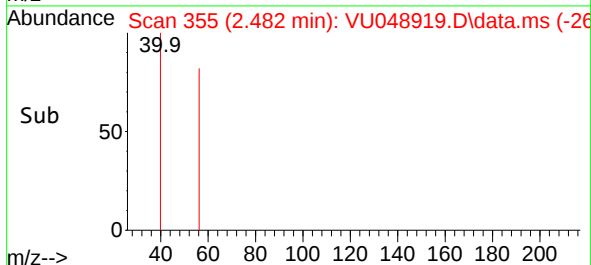
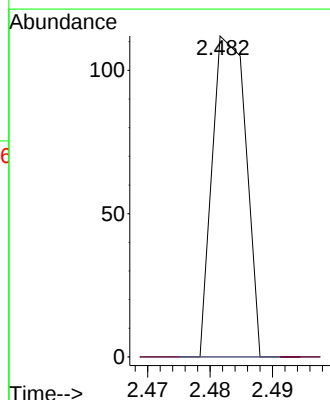
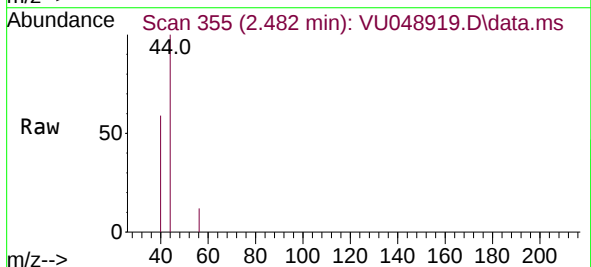
Instrument :
MSVOA_U
ClientSampleId :
TB08-20220531

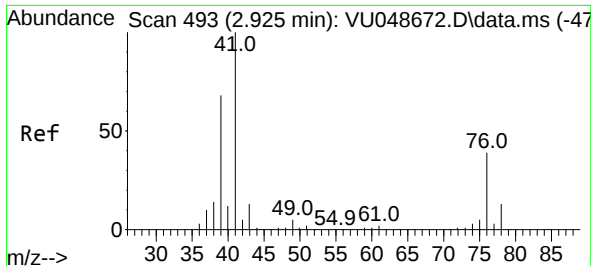
Tgt Ion: 59 Resp: 3405
Ion Ratio Lower Upper
59 100
57 0.0 39.7 59.5#



#13
Acrolein
Concen: Below Cal
RT: 2.482 min Scan# 355
Delta R.T. -0.006 min
Lab File: VU048919.D
Acq: 07 Jun 2022 18:58

Tgt Ion: 56 Resp: 42
Ion Ratio Lower Upper
56 100
55 0.0 57.7 86.5#

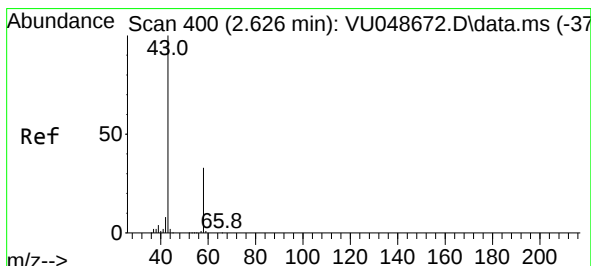
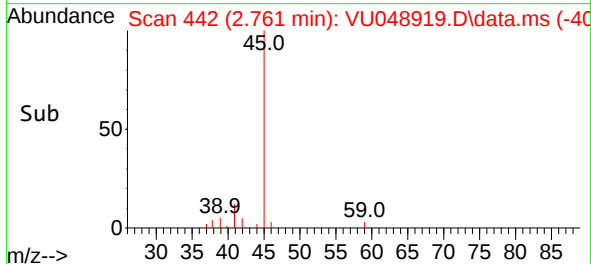
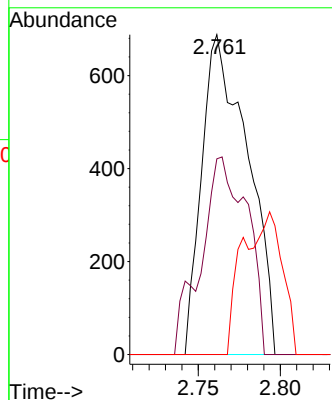
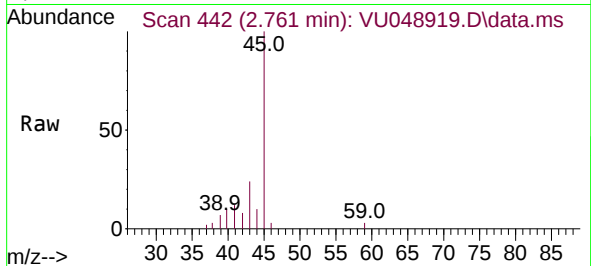




#14
 Allyl chloride
 Concen: 0.283 ug/l
 RT: 2.761 min Scan# 41
 Delta R.T. -0.164 min
 Lab File: VU048919.D
 Acq: 07 Jun 2022 18:58

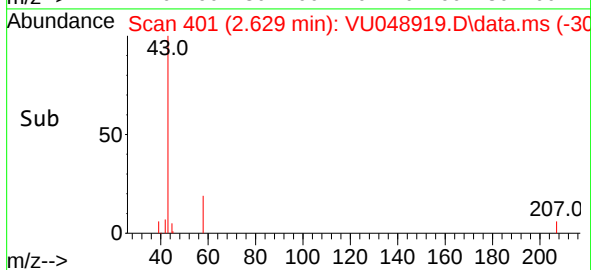
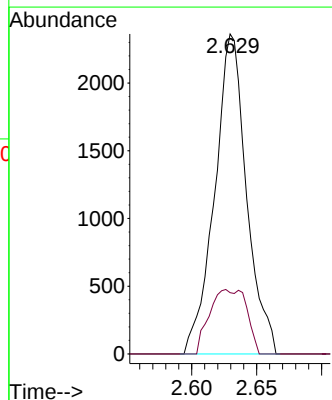
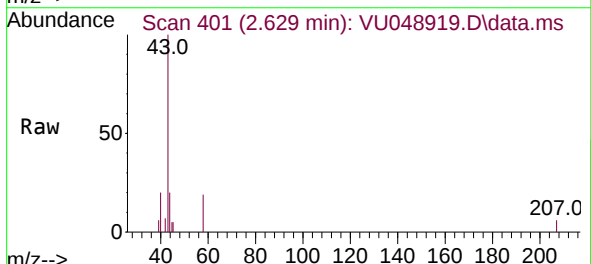
Instrument :
 MSVOA_U
 ClientSampleId :
 TB08-20220531

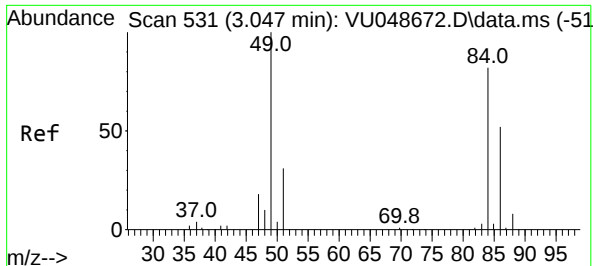
Tgt Ion: 41 Resp: 1336
 Ion Ratio Lower Upper
 41 100
 39 62.1 48.6 72.8
 76 12.2 27.0 40.4#



#16
 Acetone
 Concen: 2.191 ug/l
 RT: 2.629 min Scan# 401
 Delta R.T. 0.003 min
 Lab File: VU048919.D
 Acq: 07 Jun 2022 18:58

Tgt Ion: 43 Resp: 4023
 Ion Ratio Lower Upper
 43 100
 58 19.1 26.3 39.5#

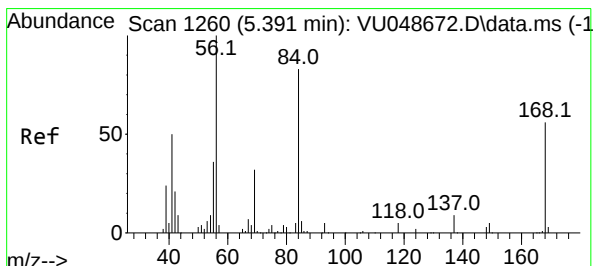
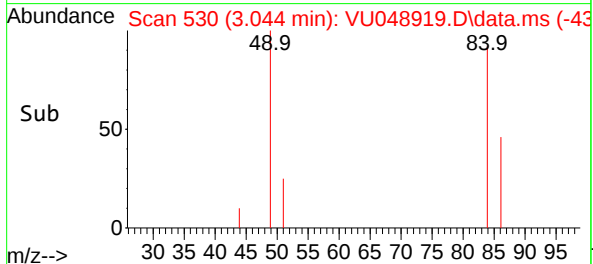
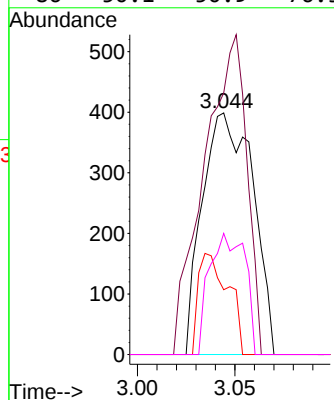
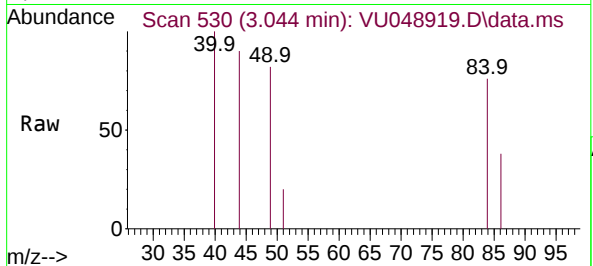




#20
Methylene Chloride
Concen: 0.231 ug/l
RT: 3.044 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU048919.D
Acq: 07 Jun 2022 18:58

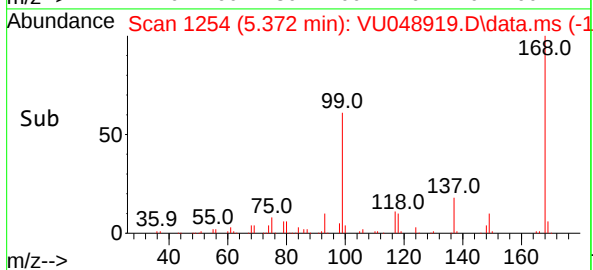
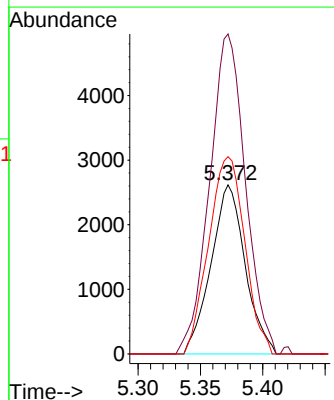
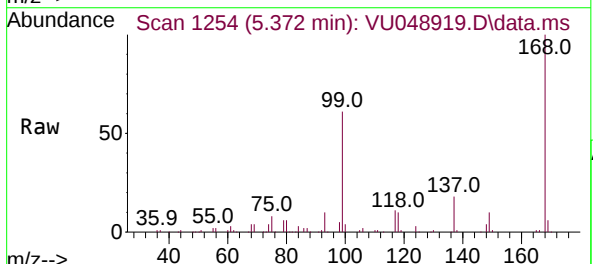
Instrument :
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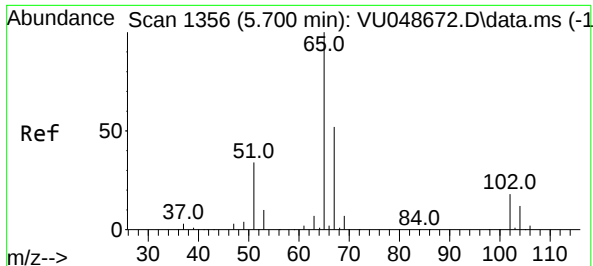
Tgt Ion:	84	Resp:	721
Ion	Ratio	Lower	Upper
84	100		
49	108.3	97.0	145.4
51	26.8	29.8	44.8#
86	50.1	50.9	76.3#



#31
Cyclohexane
Concen: 1.100 ug/l
RT: 5.372 min Scan# 1254
Delta R.T. -0.019 min
Lab File: VU048919.D
Acq: 07 Jun 2022 18:58

Tgt Ion:	56	Resp:	4996
Ion	Ratio	Lower	Upper
56	100		
69	189.3	25.6	38.4#
84	116.7	66.2	99.4#





#33

1,2-Dichloroethane-d4

Concen: 52.316 ug/l

RT: 5.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU048919.D

Acq: 07 Jun 2022 18:58

Instrument :

MSVOA_U

ClientSampleId :

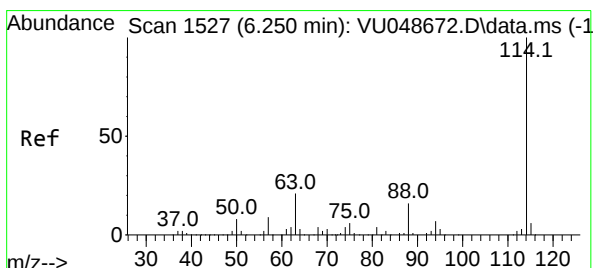
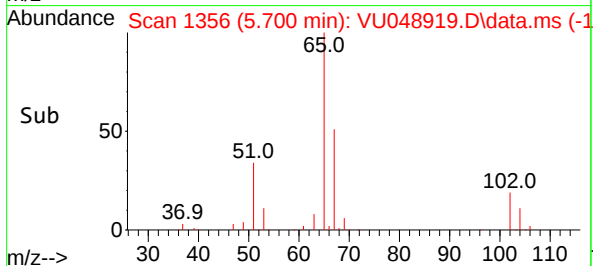
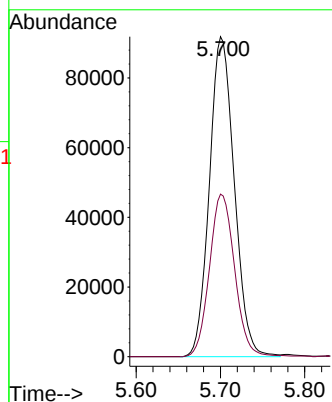
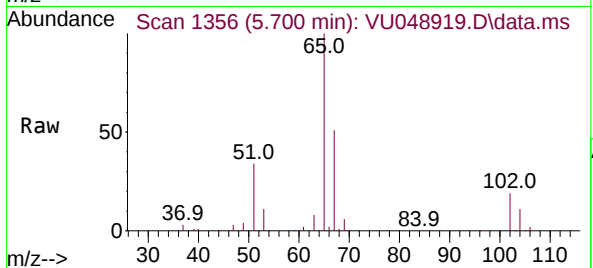
TB08-20220531

Tgt Ion: 65 Resp: 188478

Ion Ratio Lower Upper

65 100

67 51.4 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: VU048919.D

Acq: 07 Jun 2022 18:58

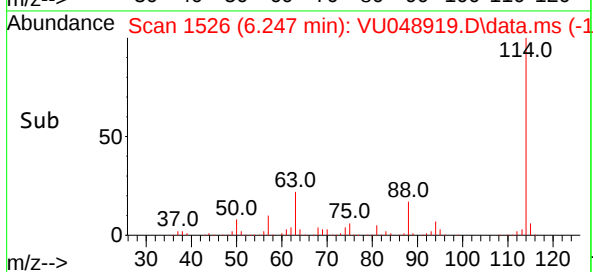
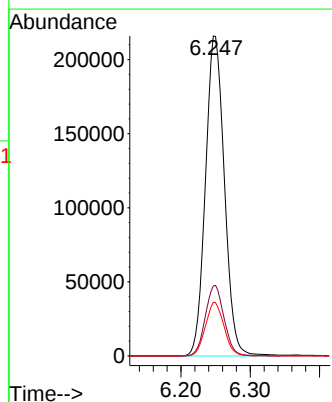
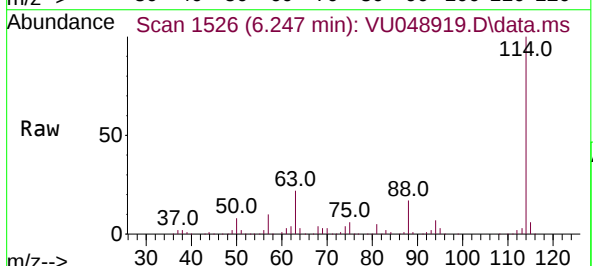
Tgt Ion: 114 Resp: 409753

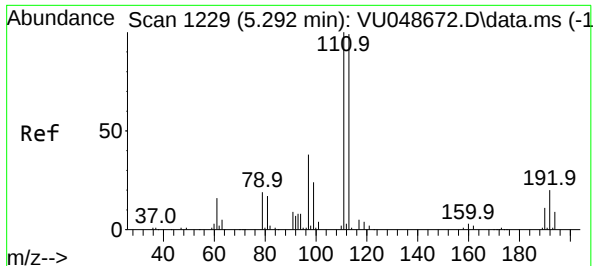
Ion Ratio Lower Upper

114 100

63 21.8 0.0 42.6

88 16.7 0.0 32.2

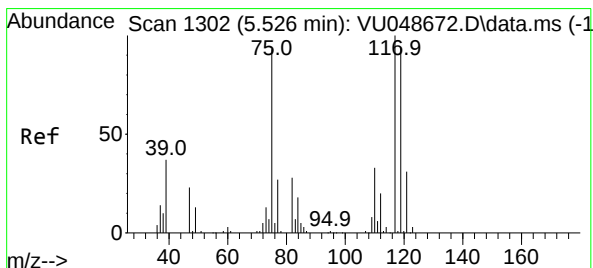
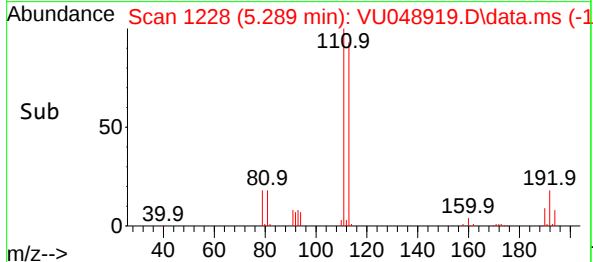
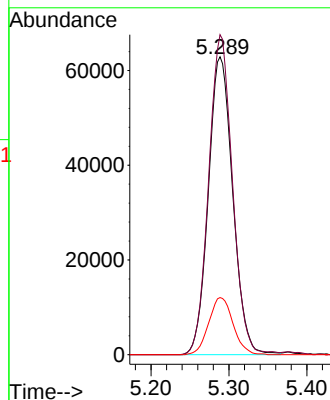
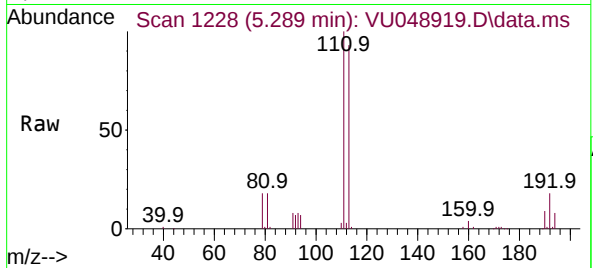




#35
Dibromofluoromethane
Concen: 46.813 ug/l
RT: 5.289 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU048919.D
Acq: 07 Jun 2022 18:58

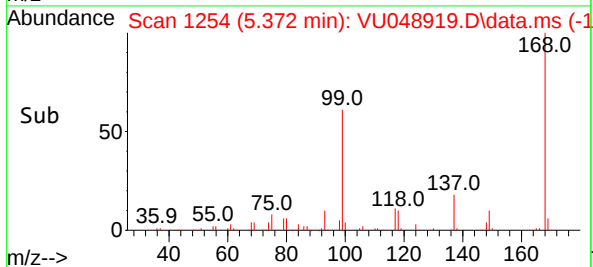
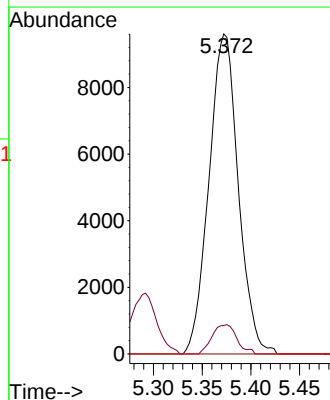
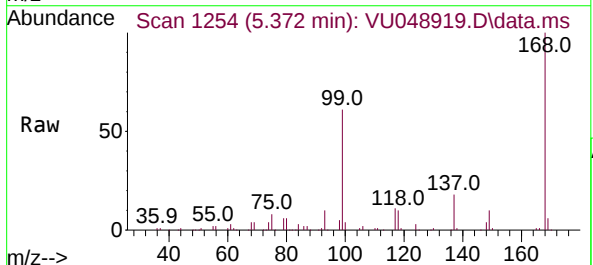
Instrument :
MSVOA_U
ClientSampleId :
TB08-20220531

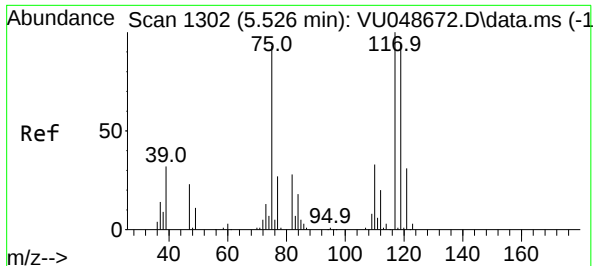
Tgt Ion:113 Resp: 136846
Ion Ratio Lower Upper
113 100
111 104.8 80.7 121.1
192 19.2 15.9 23.9



#36
1,1-Dichloropropene
Concen: 4.715 ug/l
RT: 5.372 min Scan# 1254
Delta R.T. -0.154 min
Lab File: VU048919.D
Acq: 07 Jun 2022 18:58

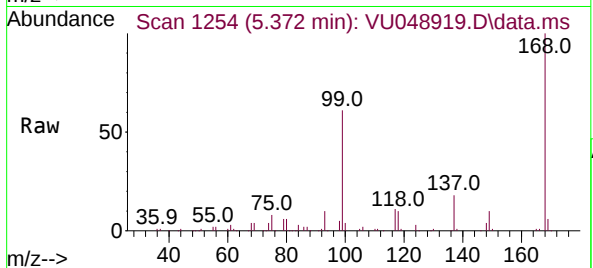
Tgt Ion: 75 Resp: 20116
Ion Ratio Lower Upper
75 100
110 7.7 17.4 52.3#
77 0.0 24.8 37.2#



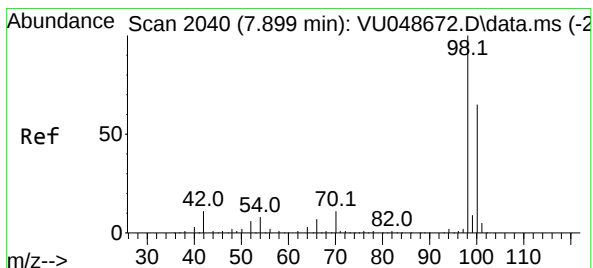
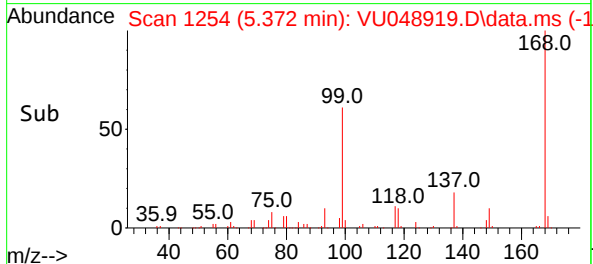
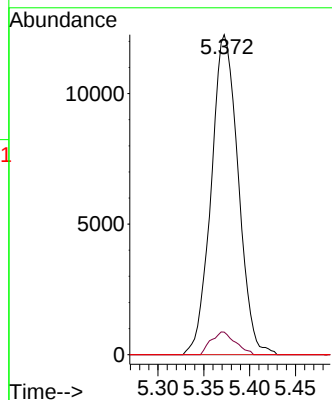


#38
Carbon Tetrachloride
Concen: 5.130 ug/l
RT: 5.372 min Scan# 117
Delta R.T. -0.154 min
Lab File: VU048919.D
Acq: 07 Jun 2022 18:58

Instrument :
MSVOA_U
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TB08-20220531

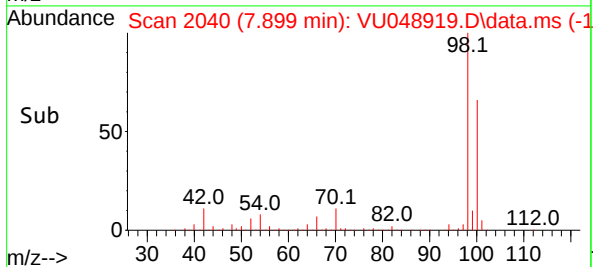
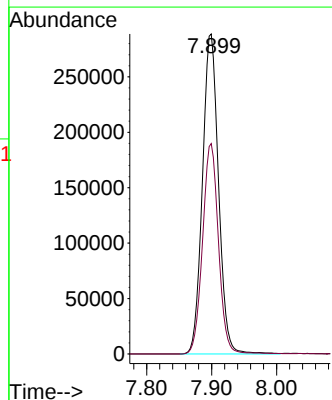
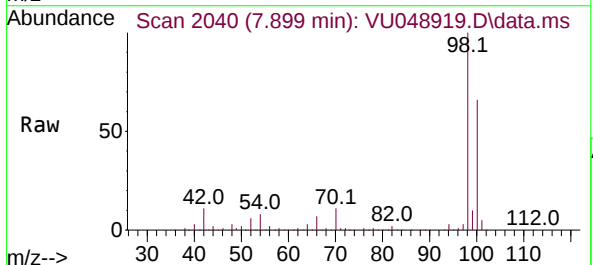


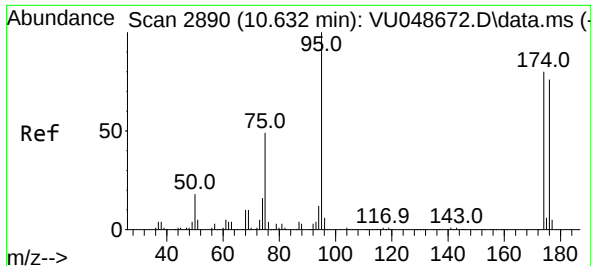
Tgt Ion:117 Resp: 25108
Ion Ratio Lower Upper
117 100
119 7.0 75.4 113.2#
121 0.0 24.6 36.8#



#50
Toluene-d8
Concen: 47.540 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VU048919.D
Acq: 07 Jun 2022 18:58

Tgt Ion: 98 Resp: 498168
Ion Ratio Lower Upper
98 100
100 64.9 52.2 78.4

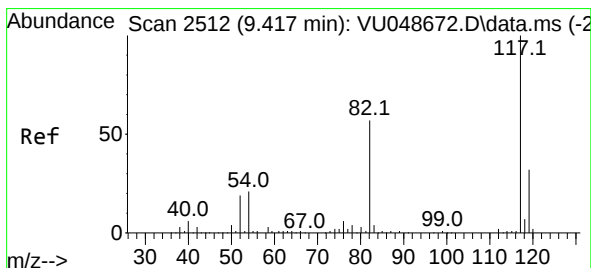
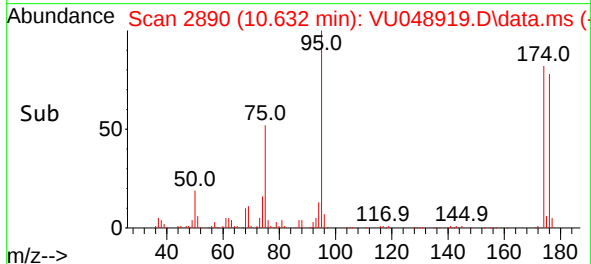
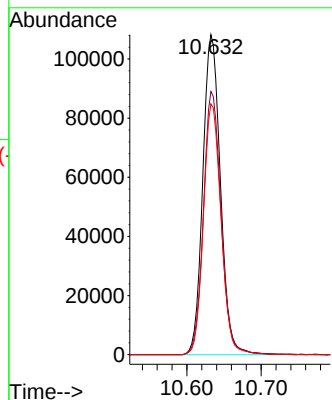
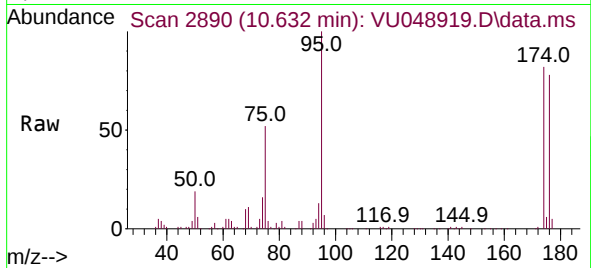




#62
4-Bromofluorobenzene
Concen: 45.018 ug/l
RT: 10.632 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU048919.D
Acq: 07 Jun 2022 18:58

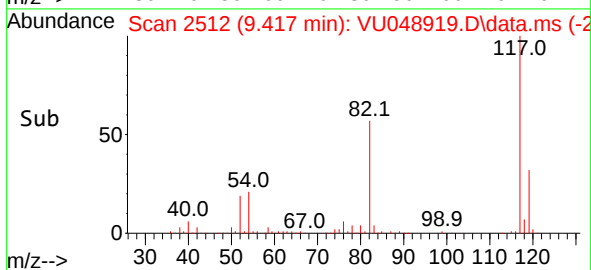
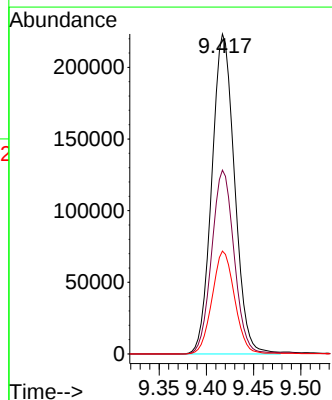
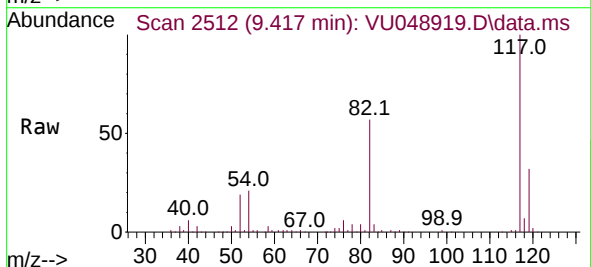
Instrument :
MSVOA_U
ClientSampleId :
TB08-20220531

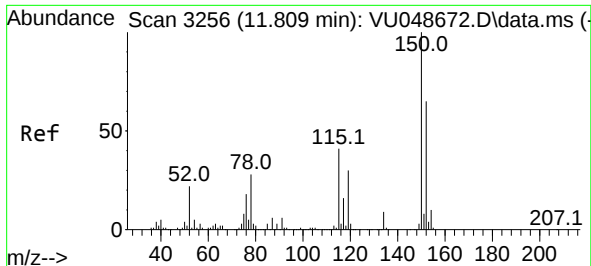
Tgt Ion: 95 Resp: 178406
Ion Ratio Lower Upper
95 100
174 82.3 0.0 159.4
176 78.4 0.0 152.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 2512
Delta R.T. -0.000 min
Lab File: VU048919.D
Acq: 07 Jun 2022 18:58

Tgt Ion: 117 Resp: 374047
Ion Ratio Lower Upper
117 100
82 57.5 45.3 67.9
119 32.2 25.4 38.2

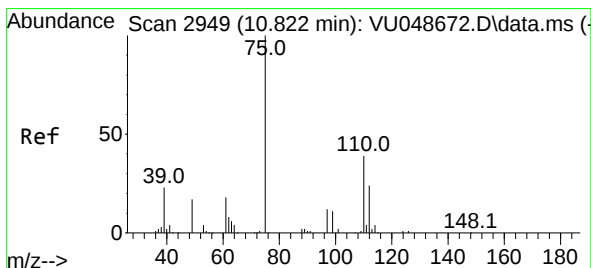
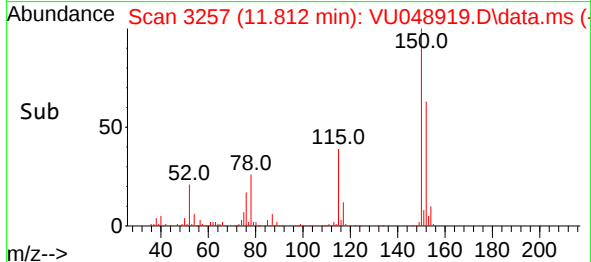
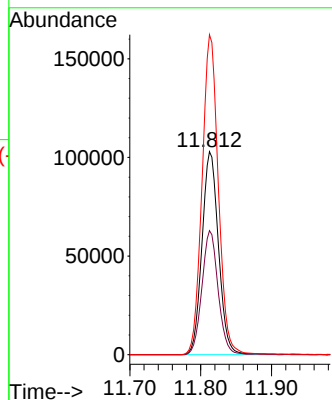
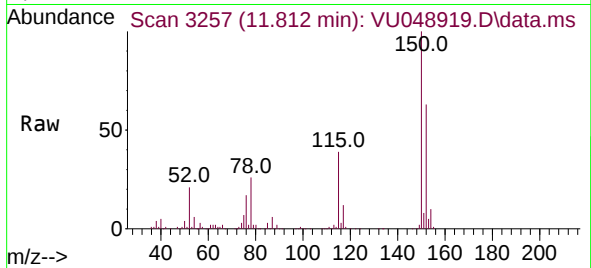




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU048919.D
Acq: 07 Jun 2022 18:58

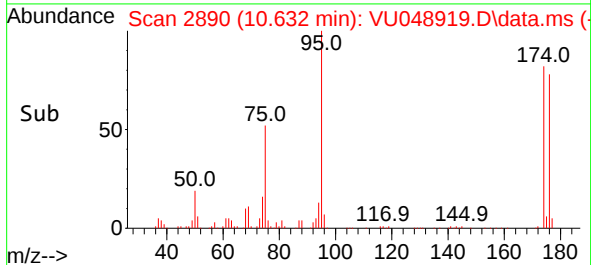
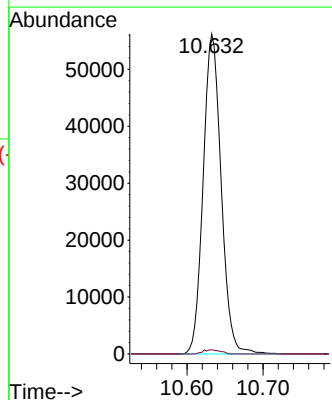
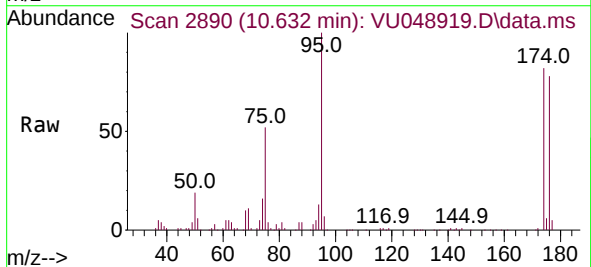
Instrument :
MSVOA_U
ClientSampleId :
TB08-20220531

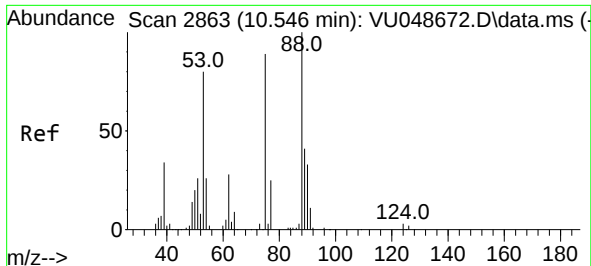
Tgt Ion:152 Resp: 166268
Ion Ratio Lower Upper
152 100
115 59.8 41.8 125.4
150 155.5 0.0 341.0



#76
1,2,3-Trichloropropane
Concen: 17.224 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.190 min
Lab File: VU048919.D
Acq: 07 Jun 2022 18:58

Tgt Ion: 75 Resp: 92338
Ion Ratio Lower Upper
75 100
77 1.3 14.8 44.3#

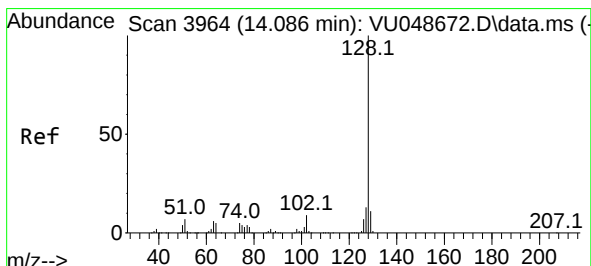
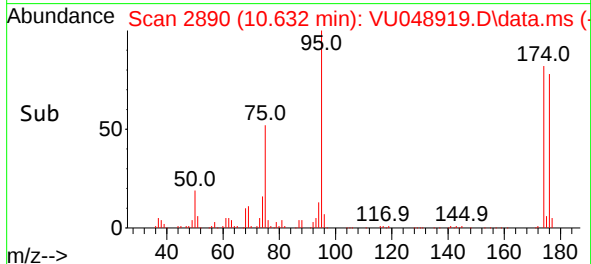
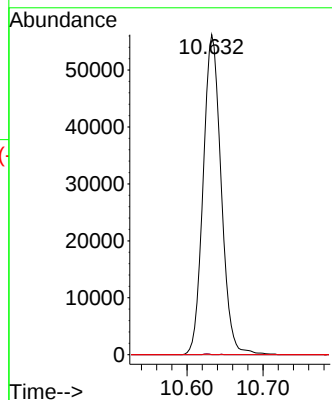
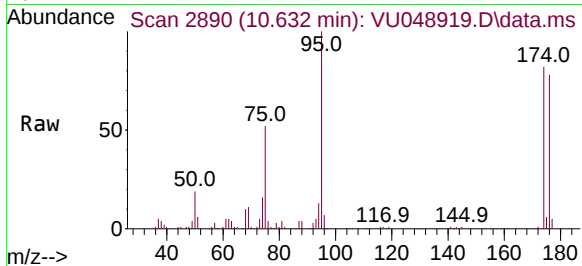




#81
trans-1,4-Dichloro-2-butene
Concen: 62.540 ug/l
RT: 10.632 min Scan# 21
Delta R.T. 0.087 min
Lab File: VU048919.D
Acq: 07 Jun 2022 18:58

Instrument :
MSVOA_U
ClientSampleId :
TB08-20220531

Tgt Ion: 75 Resp: 92338
Ion Ratio Lower Upper
75 100
53 0.1 72.5 108.7#
89 0.0 37.0 55.4#



#95
Naphthalene
Concen: 2.558 ug/l
RT: 14.105 min Scan# 3970
Delta R.T. 0.019 min
Lab File: VU048919.D
Acq: 07 Jun 2022 18:58

Tgt Ion:128 Resp: 355
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.4#
129 0.0 8.7 13.1#

