

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081022\
 Data File : VU050218.D
 Acq On : 10 Aug 2022 14:50
 Operator : SY/MD
 Sample : N4043-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TB-01-080322

Quant Time: Aug 10 16:27:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U081022DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Aug 10 15:54:10 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.115	96	29294	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.636	95	8079	0.804	ug/l	0.00
Spiked Amount 1.000			Recovery	=	80.000%	
68) 1,2-Dichlorobenzene-d4	12.195	152	8916	0.878	ug/l	0.00
Spiked Amount 1.000			Recovery	=	88.000%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.517	50	1579	0.119	ug/l	97
5) Bromomethane	1.858	94	116	0.033	ug/l	89
6) Chloroethane	1.954	64	118	0.017	ug/l	# 42
7) Trichlorofluoromethane	2.138	101	20	0.002	ug/l	# 18
10) Iodomethane	2.719	142	275	0.042	ug/l	# 29
11) Allyl Chloride	2.925	41	20	0.002	ug/l	# 17
13) Acetone	2.665	43	1059	0.688	ug/l	# 42
14) Carbon Disulfide	2.790	76	2938	0.100	ug/l	98
15) Methylene Chloride	3.044	84	4879	0.419	ug/l	94
24) tert-Butyl Alcohol	3.189	59	217	0.414	ug/l	# 73
27) Chloroform	5.089	83	235	0.014	ug/l	78
33) Tert-Amyl methyl ether	6.121	73	312	0.017	ug/l	# 58
35) Benzene	5.771	78	230	0.006	ug/l	# 52
37) Trichloroethene	6.536	130	98	0.011	ug/l	# 1
45) 4-Methyl-2-Pentanone	7.800	43	578	0.101	ug/l	# 85
46) t-1,4-Dichloro-2-butene	10.639	75	3810	1.691	ug/l	# 23
49) Toluene	7.973	92	150	0.007	ug/l	# 27
54) 2-Hexanone	8.694	43	384	0.096	ug/l	# 74
58) Tetrachloroethene	8.555	164	63	0.009	ug/l	# 52
59) Chlorobenzene	9.449	112	276	0.013	ug/l	# 44
63) Ethyl Benzene	9.578	91	416	0.012	ug/l	93
64) m/p-Xylenes	9.697	106	273	0.020	ug/l	79
65) o-Xylene	10.105	106	45	0.003	ug/l	# 1
66) Styrene	10.121	104	316	0.015	ug/l	# 38
69) Isopropylbenzene	10.484	105	437	0.013	ug/l	# 50
71) 1,2,3-Trichloropropane	10.639	75	3810	0.527	ug/l	# 38
73) n-propylbenzene	11.086	120	156	0.019	ug/l	75
74) 2-Chlorotoluene	11.102	126	108	0.013	ug/l	1
75) 1,3,5-Trimethylbenzene	11.095	105	364	0.013	ug/l	94
76) 4-Chlorotoluene	11.102	126	108	0.013	ug/l	11
77) tert-Butylbenzene	11.423	119	421	0.015	ug/l	# 82
78) 1,2,4-Trimethylbenzene	11.472	105	609	0.021	ug/l	# 65
79) sec-Butylbenzene	11.645	105	946	0.028	ug/l	# 68
80) Nitrobenzene	13.224	77	176	0.456	ug/l	# 42
81) p-Isopropyltoluene	11.790	119	792	0.030	ug/l	# 63
82) 1,3-Dichlorobenzene	11.748	146	551	0.033	ug/l	# 78
83) 1,4-Dichlorobenzene	11.845	146	715	0.044	ug/l	# 89
84) n-Butylbenzene	12.214	91	1320	0.057	ug/l	94
85) 1,2-Dichlorobenzene	12.217	146	546	0.033	ug/l	90
87) 1,2,4-Trichlorobenzene	13.841	180	995	0.109	ug/l	# 94
88) Hexachlorobutadiene	14.021	225	347	0.065	ug/l	# 65
89) Naphthalene	14.092	128	2680	0.142	ug/l	# 89
90) 1,2,3-Trichlorobenzene	14.336	180	1001	0.106	ug/l	# 92

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Quant Time: Aug 10 16:27:58 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U081022DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Aug 10 15:54:10 2022
Response via : Initial Calibration

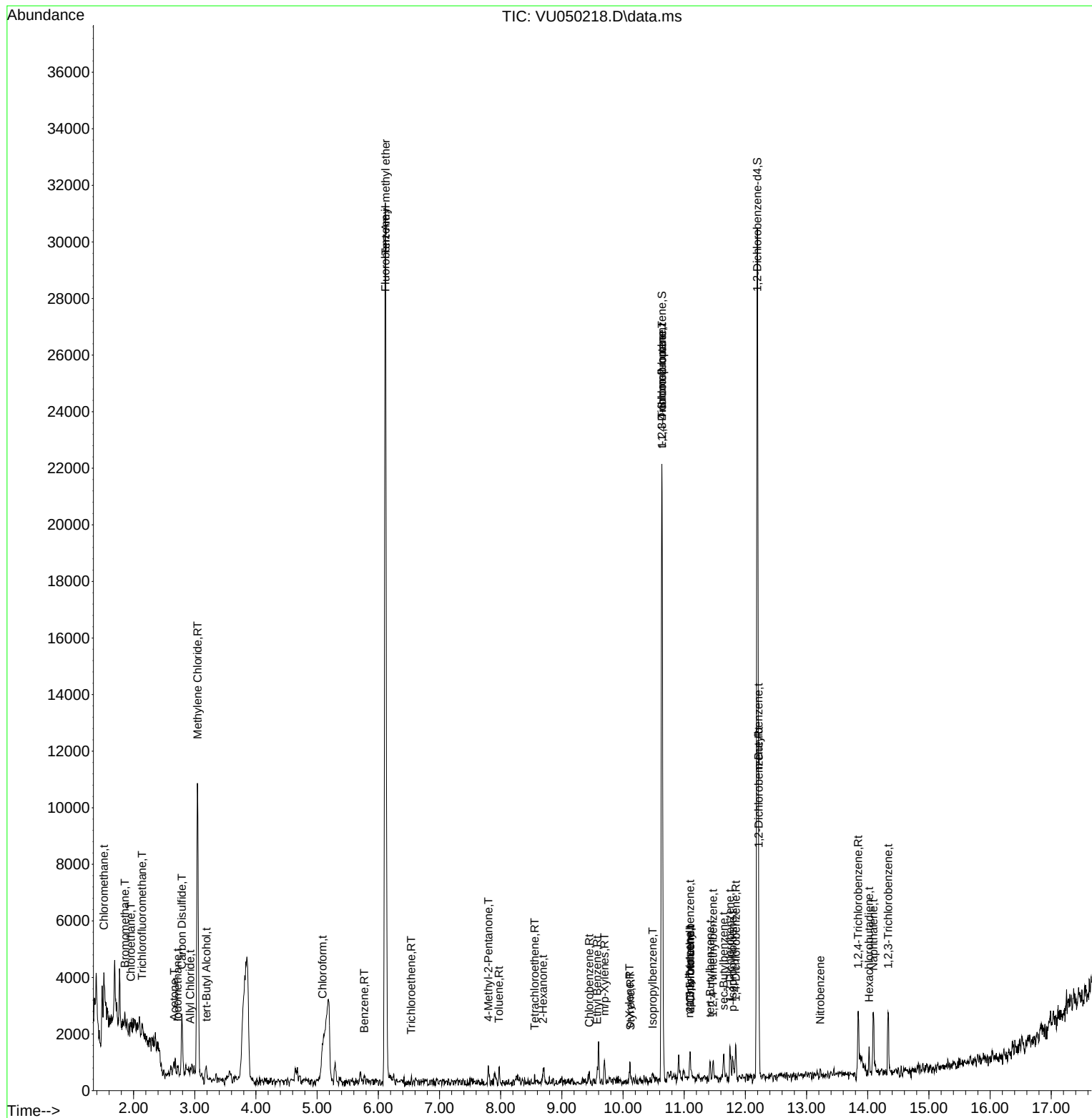
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

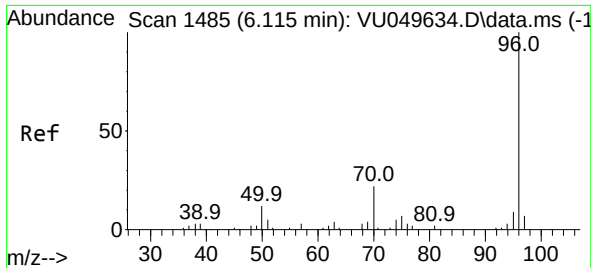
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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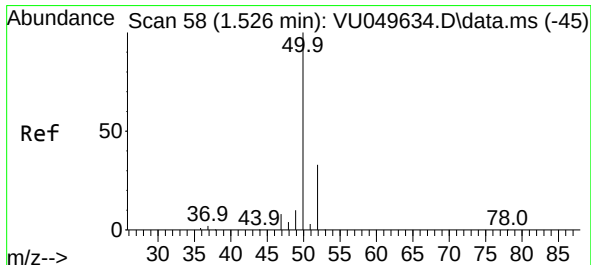
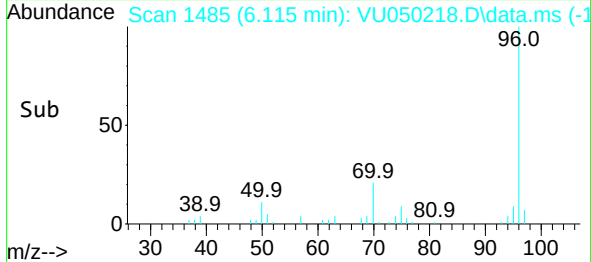
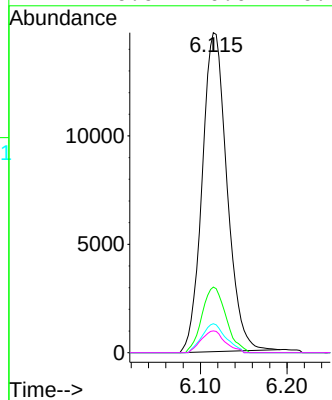
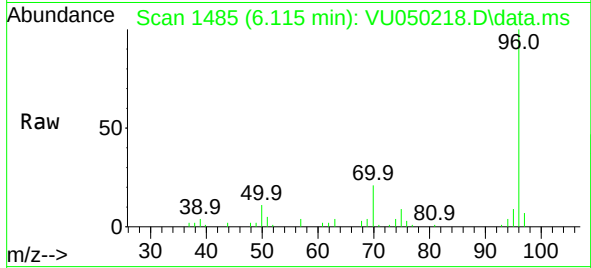




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.115 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU050218.D
Acq: 10 Aug 2022 14:50

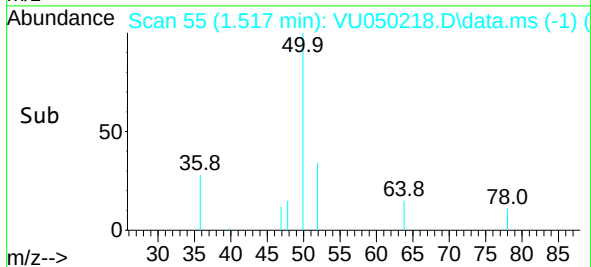
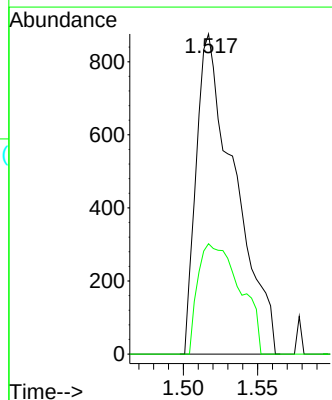
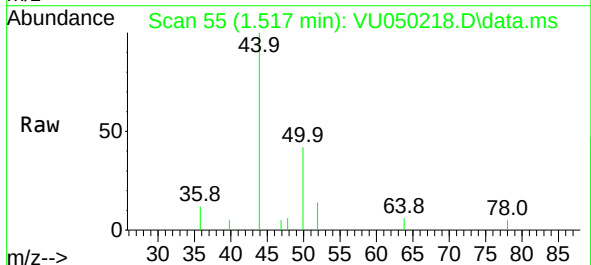
Instrument :
MSVOA_U
ClientSampleId :
TB-01-080322

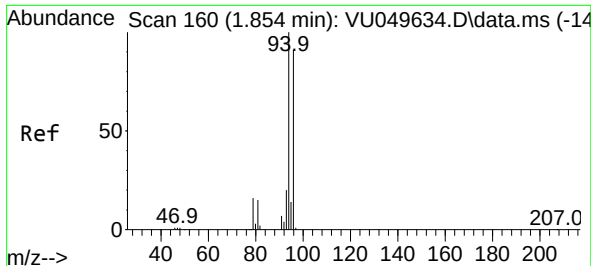
Tgt Ion: 96	Resp: 29294
Ion Ratio	Lower Upper
96 100	
70 19.9	16.7 25.1
95 8.7	7.4 11.0
97 6.6	0.0 0.0



#3
Chloromethane
Concen: 0.119 ug/l
RT: 1.517 min Scan# 55
Delta R.T. -0.009 min
Lab File: VU050218.D
Acq: 10 Aug 2022 14:50

Tgt Ion: 50	Resp: 1579
Ion Ratio	Lower Upper
50 100	
52 34.5	26.1 39.1

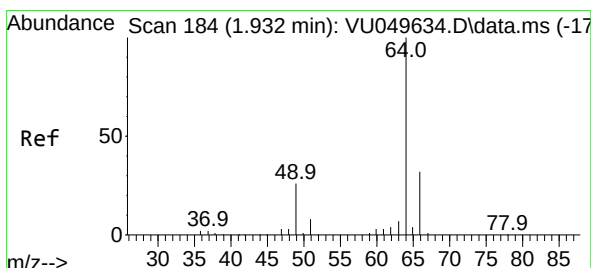
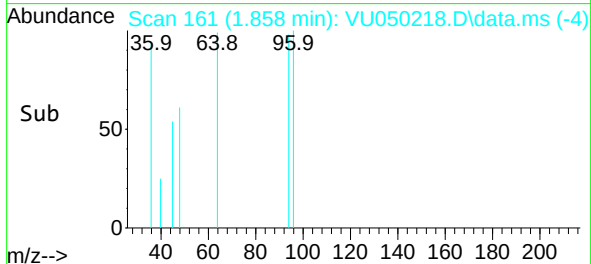
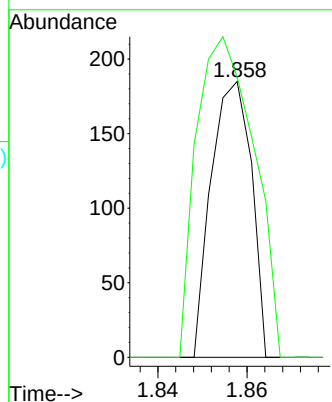
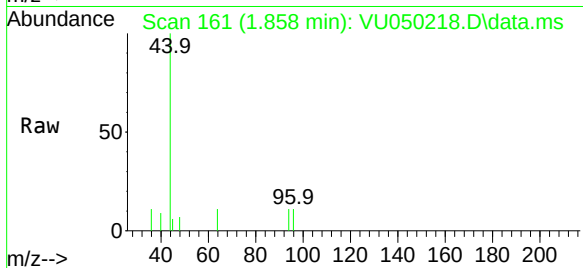




#5
Bromomethane
Concen: 0.033 ug/l
RT: 1.858 min Scan# 116
Delta R.T. 0.003 min
Lab File: VU050218.D
Acq: 10 Aug 2022 14:50

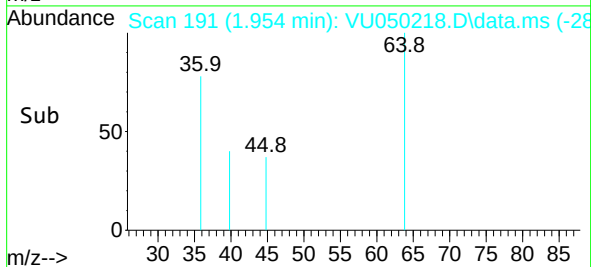
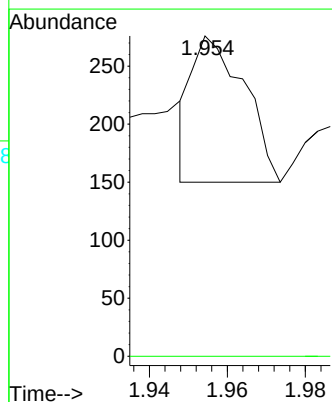
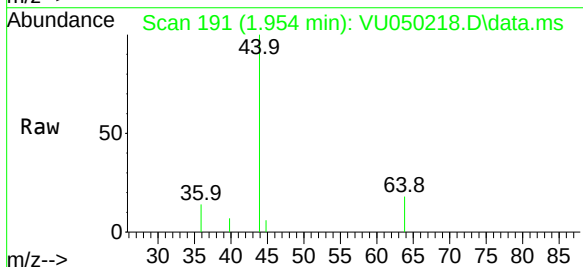
Instrument :
MSVOA_U
ClientSampleId :
TB-01-080322

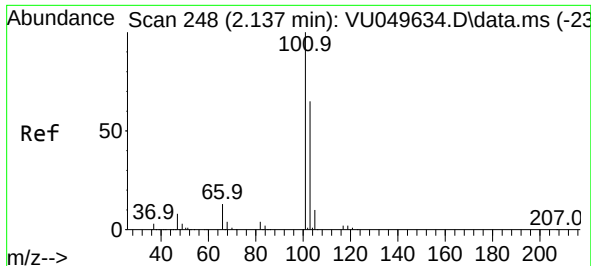
Tgt Ion: 94 Resp: 116
Ion Ratio Lower Upper
94 100
96 101.6 73.0 109.6



#6
Chloroethane
Concen: 0.017 ug/l
RT: 1.954 min Scan# 191
Delta R.T. 0.023 min
Lab File: VU050218.D
Acq: 10 Aug 2022 14:50

Tgt Ion: 64 Resp: 118
Ion Ratio Lower Upper
64 100
66 0.0 25.8 38.6#

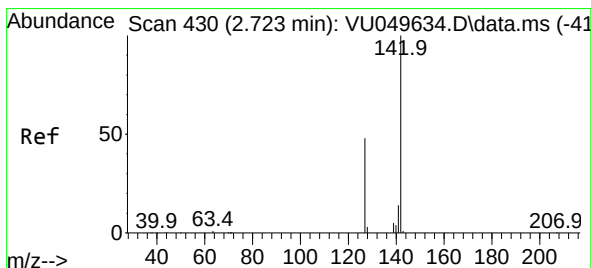
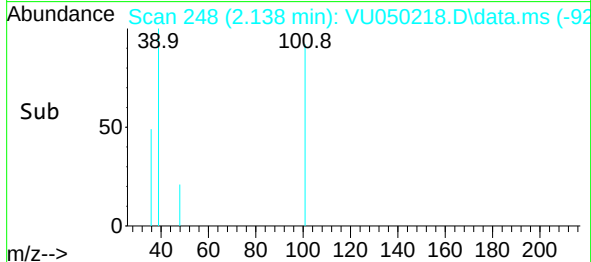
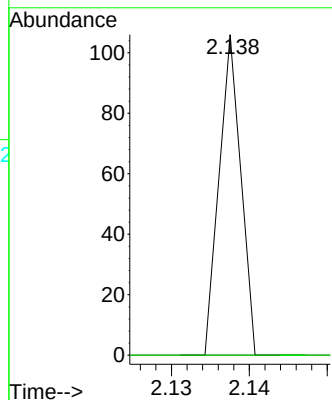
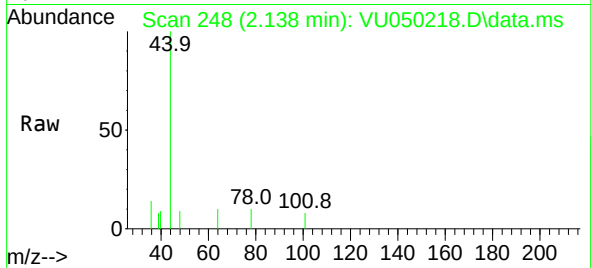




#7
 Trichlorofluoromethane
 Concen: 0.002 ug/l
 RT: 2.138 min Scan# 24
 Delta R.T. 0.000 min
 Lab File: VU050218.D
 Acq: 10 Aug 2022 14:50

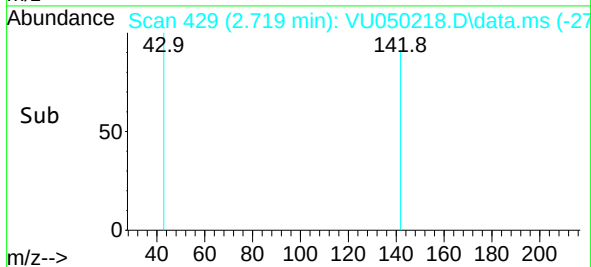
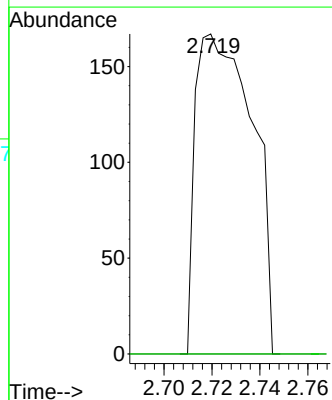
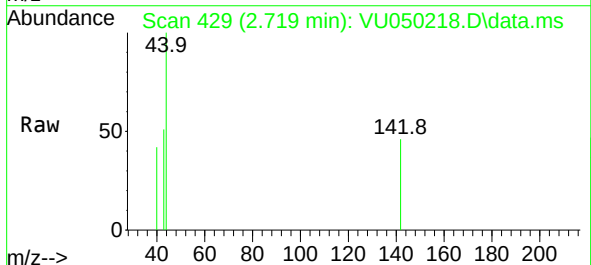
Instrument :
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 ClientSampleId :
 TB-01-080322

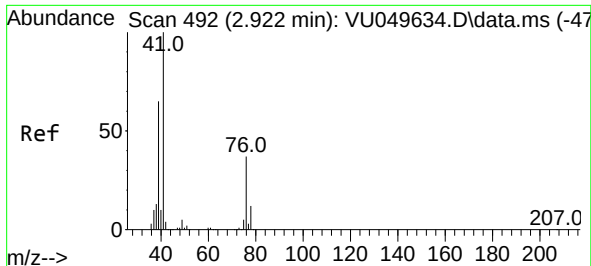
Tgt Ion:101 Resp: 20
 Ion Ratio Lower Upper
 101 100
 103 0.0 51.8 77.6#



#10
 Iodomethane
 Concen: 0.042 ug/l
 RT: 2.719 min Scan# 429
 Delta R.T. -0.003 min
 Lab File: VU050218.D
 Acq: 10 Aug 2022 14:50

Tgt Ion:142 Resp: 275
 Ion Ratio Lower Upper
 142 100
 127 0.0 38.2 57.2#

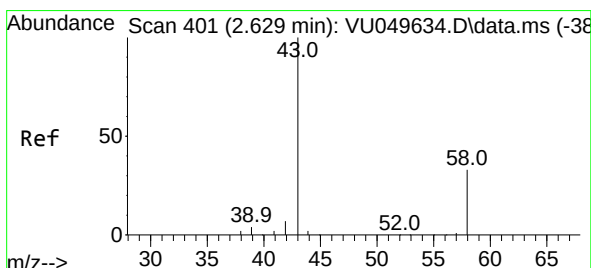
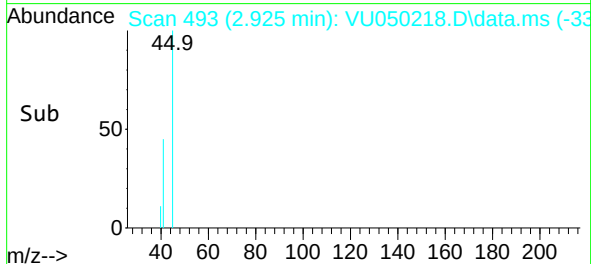
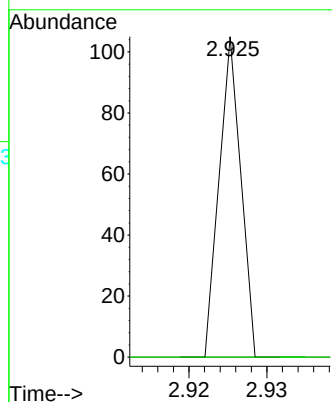
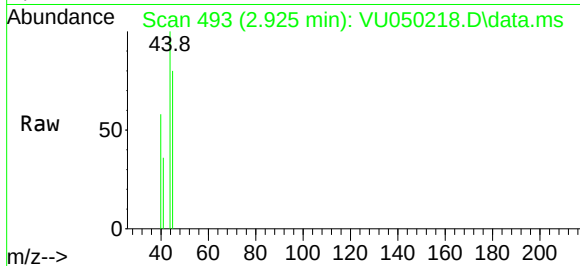




#11
 Allyl Chloride
 Concen: 0.002 ug/l
 RT: 2.925 min Scan# 492
 Delta R.T. 0.003 min
 Lab File: VU050218.D
 Acq: 10 Aug 2022 14:50

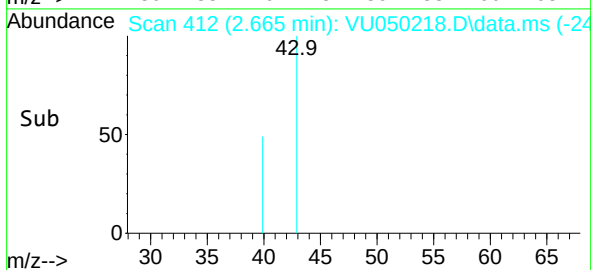
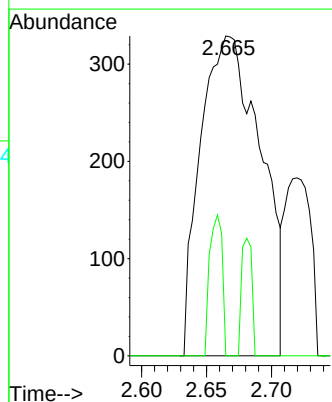
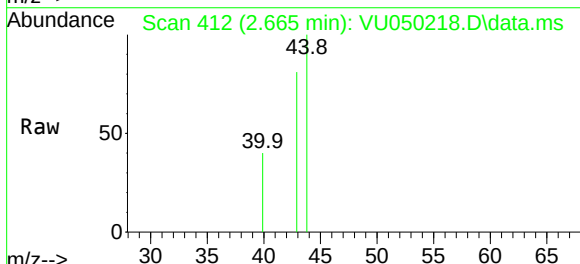
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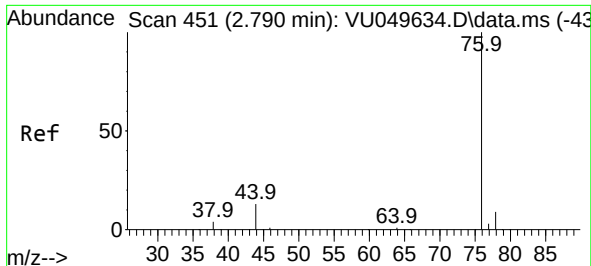
Tgt Ion: 41 Resp: 20
 Ion Ratio Lower Upper
 41 100
 39 0.0 53.2 79.8#



#13
 Acetone
 Concen: 0.688 ug/l
 RT: 2.665 min Scan# 412
 Delta R.T. 0.036 min
 Lab File: VU050218.D
 Acq: 10 Aug 2022 14:50

Tgt Ion: 43 Resp: 1059
 Ion Ratio Lower Upper
 43 100
 58 0.0 26.2 39.2#

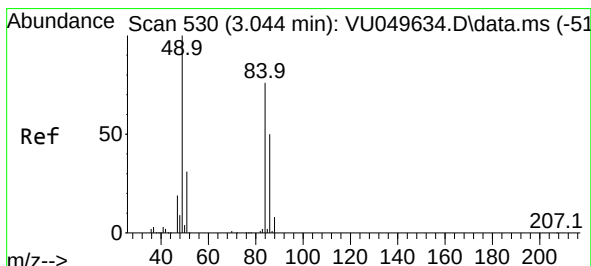
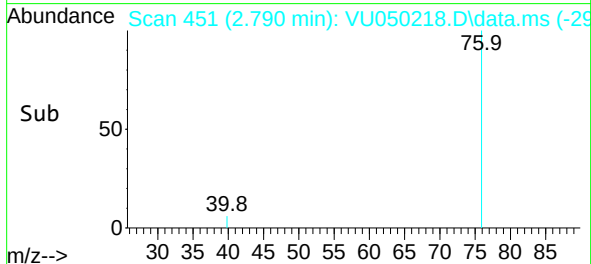
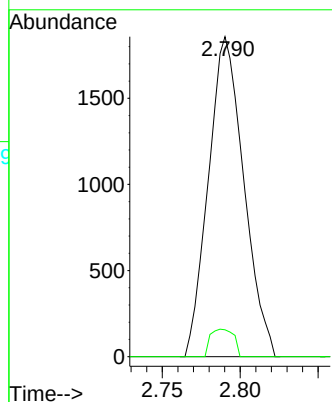
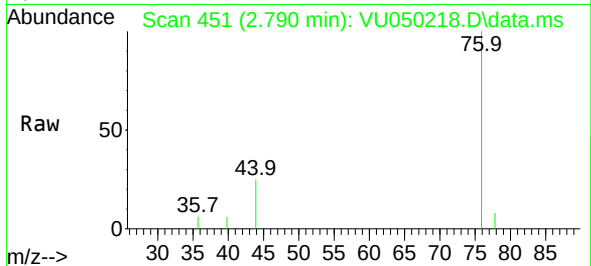




#14
Carbon Disulfide
Concen: 0.100 ug/l
RT: 2.790 min Scan# 451
Delta R.T. 0.000 min
Lab File: VU050218.D
Acq: 10 Aug 2022 14:50

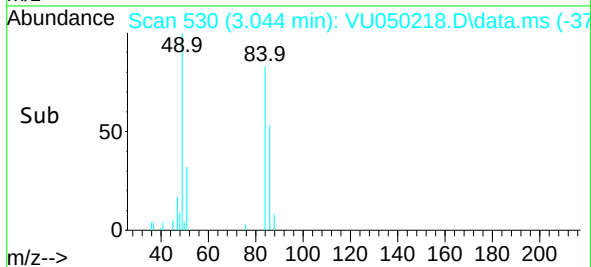
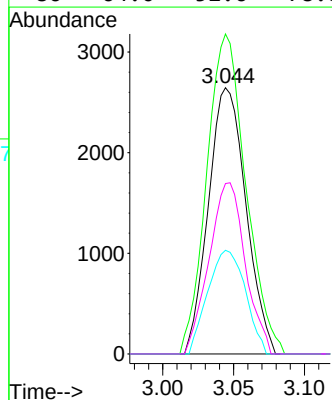
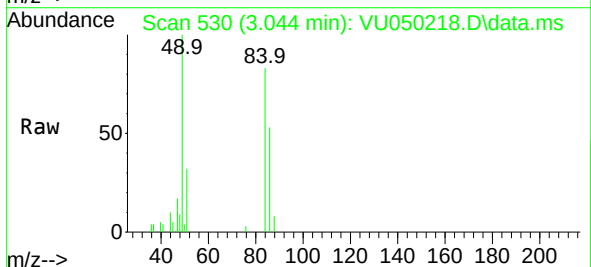
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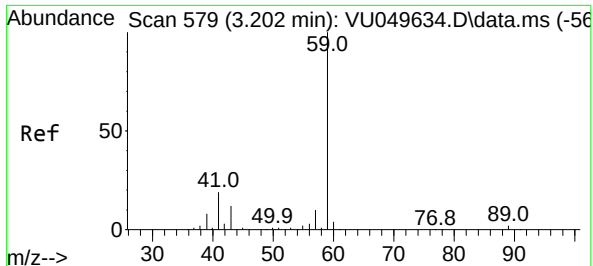
Tgt Ion: 76 Resp: 2938
Ion Ratio Lower Upper
76 100
78 8.4 7.4 11.0



#15
Methylene Chloride
Concen: 0.419 ug/l
RT: 3.044 min Scan# 530
Delta R.T. 0.000 min
Lab File: VU050218.D
Acq: 10 Aug 2022 14:50

Tgt Ion: 84 Resp: 4879
Ion Ratio Lower Upper
84 100
49 120.2 104.6 157.0
51 39.0 0.0 81.4
86 64.0 52.6 78.8

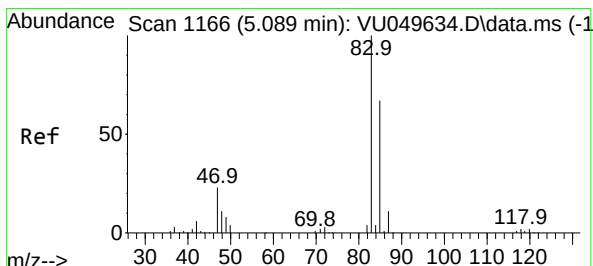
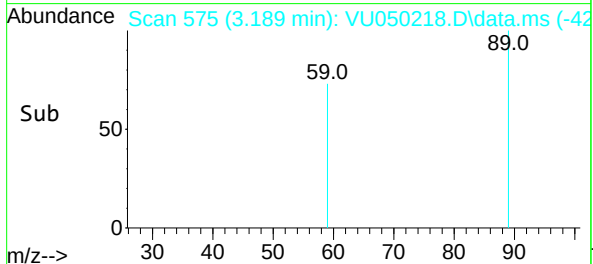
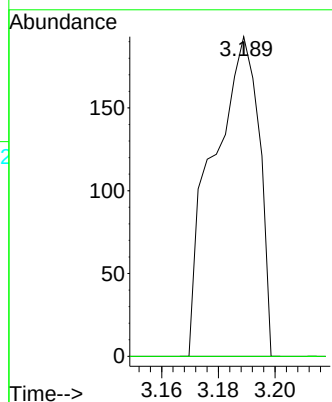
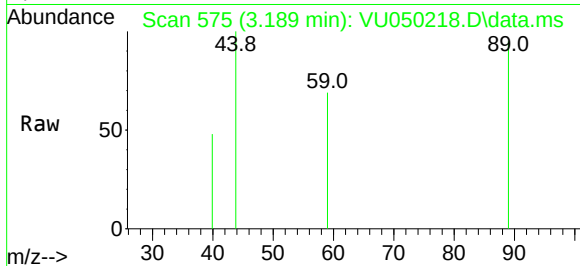




#24
tert-Butyl Alcohol
Concen: 0.414 ug/l
RT: 3.189 min Scan# 51
Delta R.T. -0.013 min
Lab File: VU050218.D
Acq: 10 Aug 2022 14:50

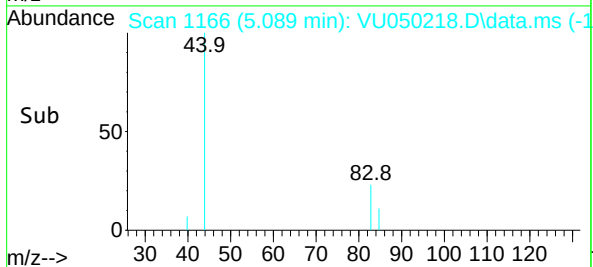
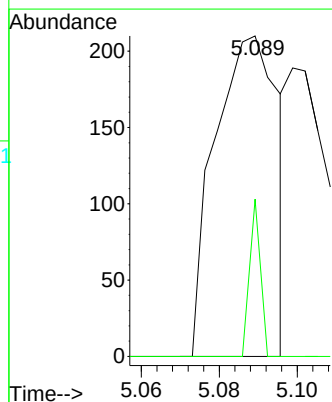
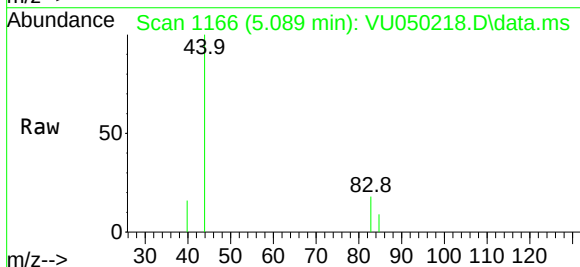
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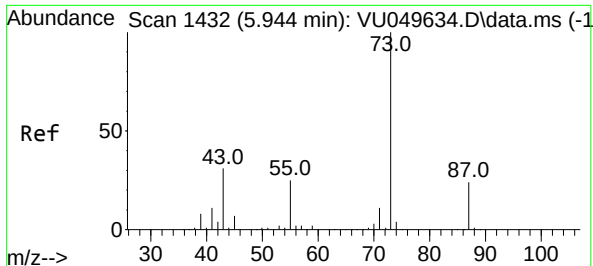
Tgt Ion: 59 Resp: 217
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



#27
Chloroform
Concen: 0.014 ug/l
RT: 5.089 min Scan# 1166
Delta R.T. 0.000 min
Lab File: VU050218.D
Acq: 10 Aug 2022 14:50

Tgt Ion: 83 Resp: 235
Ion Ratio Lower Upper
83 100
85 49.0 0.0 133.6

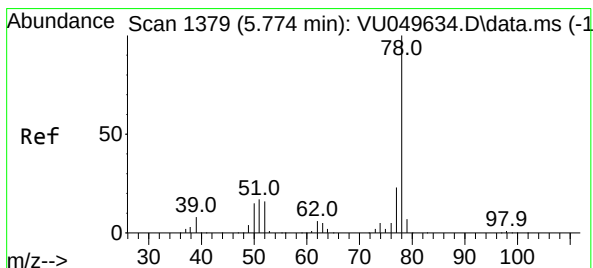
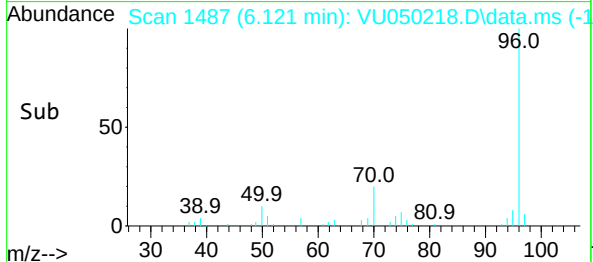
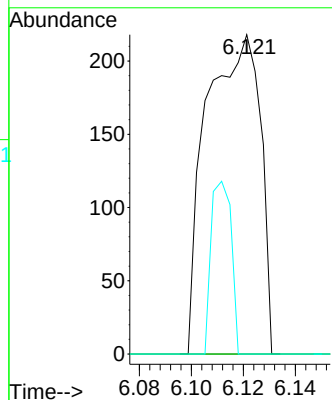
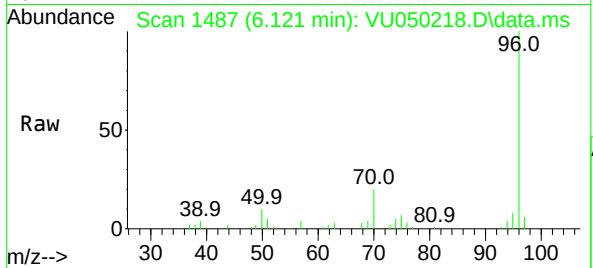




#33
Tert-Amyl methyl ether
Concen: 0.017 ug/l
RT: 6.121 min Scan# 1432
Delta R.T. 0.177 min
Lab File: VU050218.D
Acq: 10 Aug 2022 14:50

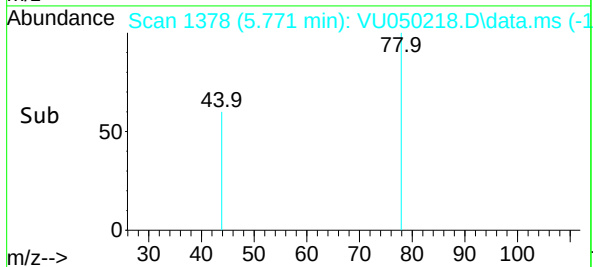
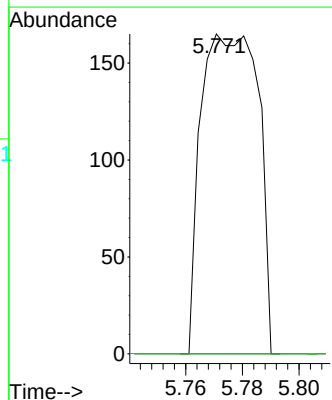
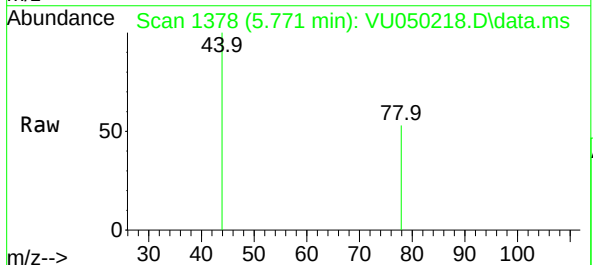
Instrument :
MSVOA_U
ClientSampleId :
TB-01-080322

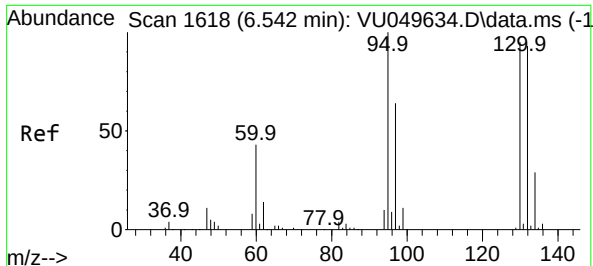
Tgt Ion: 73 Resp: 312
Ion Ratio Lower Upper
73 100
87 0.0 19.7 29.5#
71 20.5 9.0 13.4#



#35
Benzene
Concen: 0.006 ug/l
RT: 5.771 min Scan# 1378
Delta R.T. -0.003 min
Lab File: VU050218.D
Acq: 10 Aug 2022 14:50

Tgt Ion: 78 Resp: 230
Ion Ratio Lower Upper
78 100
77 0.0 18.6 28.0#

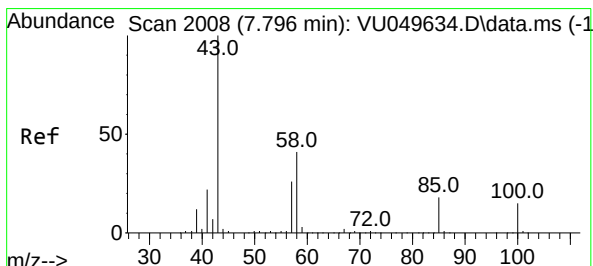
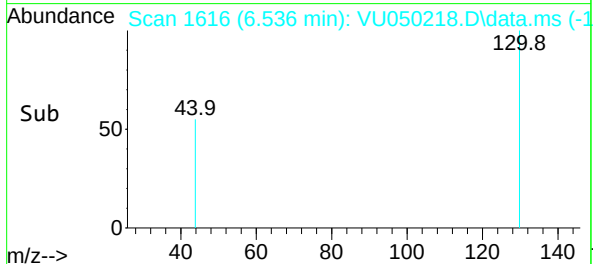
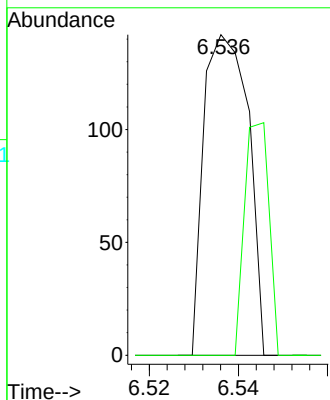
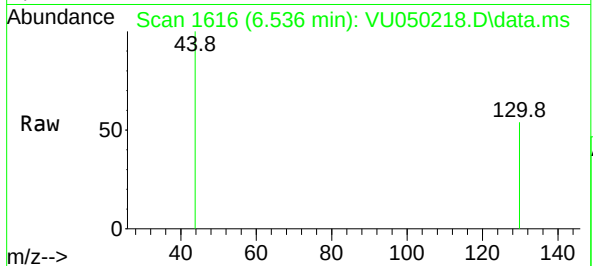




#37
 Trichloroethene
 Concen: 0.011 ug/l
 RT: 6.536 min Scan# 1
 Delta R.T. -0.006 min
 Lab File: VU050218.D
 Acq: 10 Aug 2022 14:50

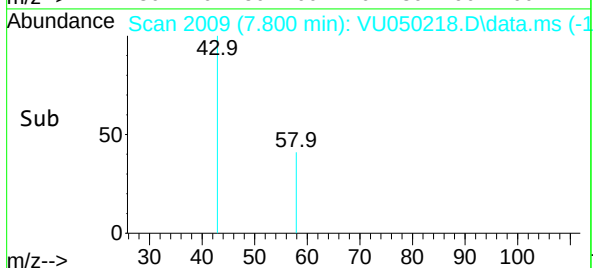
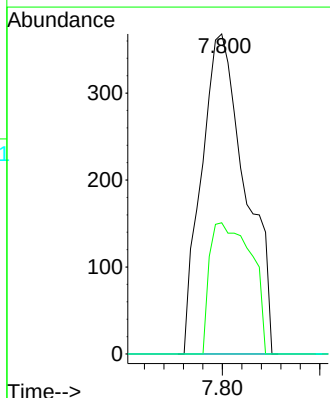
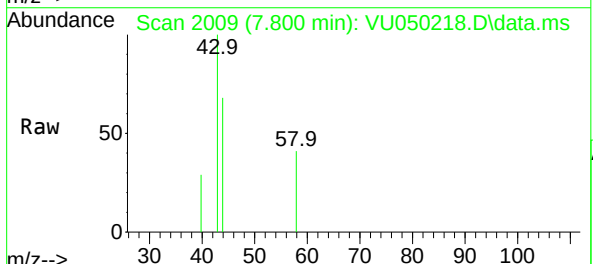
Instrument :
 MSVOA_U
 ClientSampleId :
 TB-01-080322

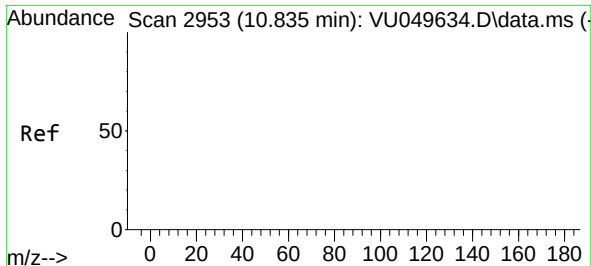
Tgt Ion:130 Resp: 98
 Ion Ratio Lower Upper
 130 100
 95 0.0 83.8 125.8#



#45
 4-Methyl-2-Pentanone
 Concen: 0.101 ug/l
 RT: 7.800 min Scan# 2009
 Delta R.T. 0.004 min
 Lab File: VU050218.D
 Acq: 10 Aug 2022 14:50

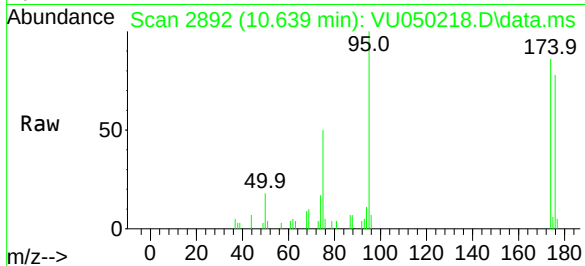
Tgt Ion: 43 Resp: 578
 Ion Ratio Lower Upper
 43 100
 58 38.8 20.3 61.0
 85 0.0 14.6 21.8#



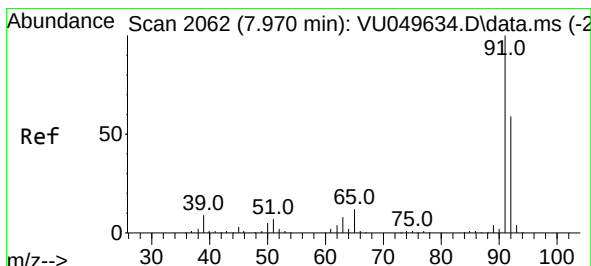
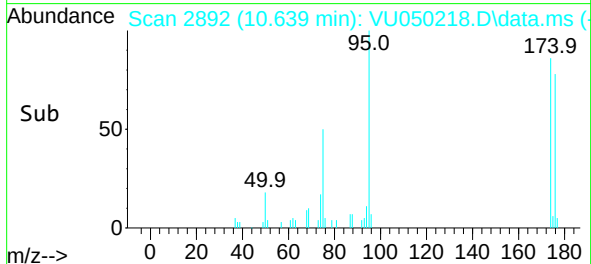
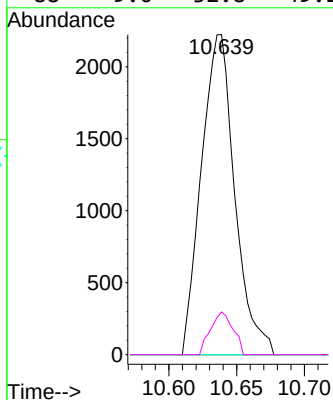


#46
 t-1,4-Dichloro-2-butene
 Concen: 1.691 ug/l
 RT: 10.639 min Scan# 2892
 Delta R.T. -0.196 min
 Lab File: VU050218.D
 Acq: 10 Aug 2022 14:50

Instrument : MSVOA_U
 ClientSampleId : TB-01-080322

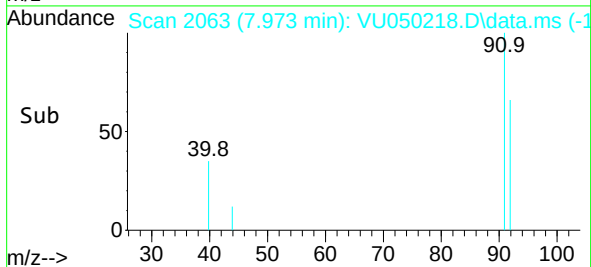
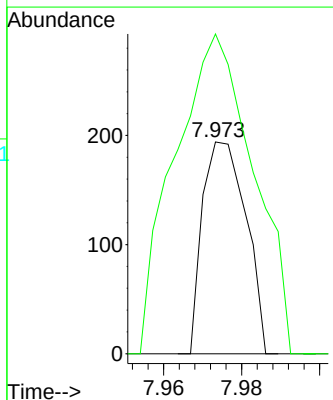
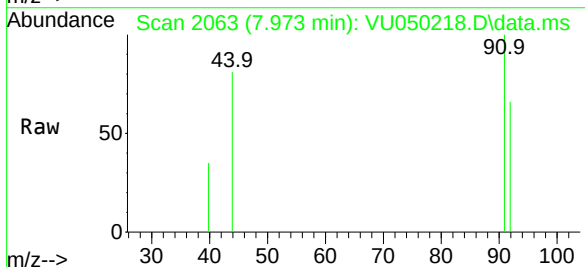


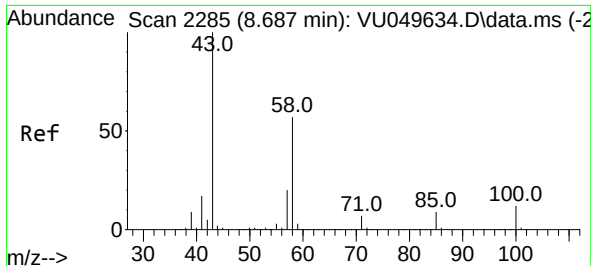
Tgt Ion: 75 Resp: 3810
 Ion Ratio Lower Upper
 75 100
 53 0.0 64.4 96.6#
 89 0.0 44.2 66.2#
 88 9.0 32.8 49.2#



#49
 Toluene
 Concen: 0.007 ug/l
 RT: 7.973 min Scan# 2063
 Delta R.T. 0.003 min
 Lab File: VU050218.D
 Acq: 10 Aug 2022 14:50

Tgt Ion: 92 Resp: 150
 Ion Ratio Lower Upper
 92 100
 91 274.0 138.6 207.8#

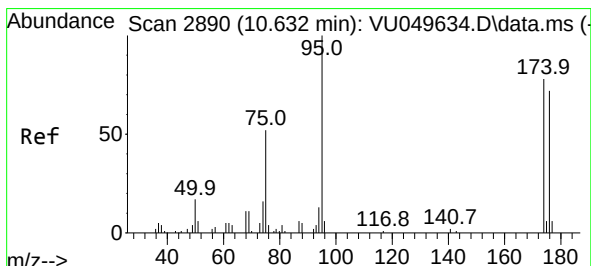
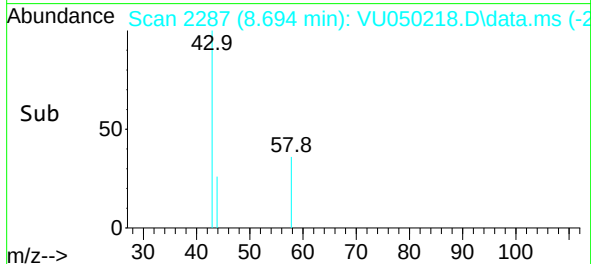
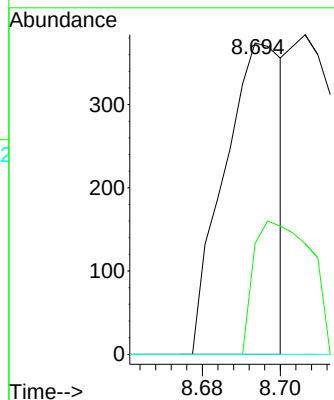
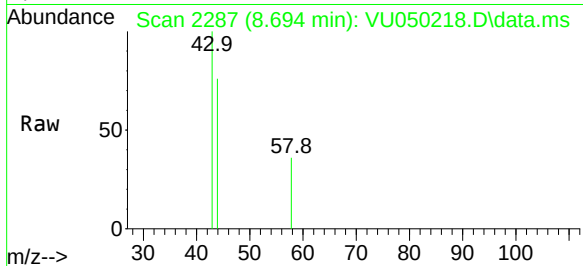




#54
2-Hexanone
Concen: 0.096 ug/l
RT: 8.694 min Scan# 21
Delta R.T. 0.007 min
Lab File: VU050218.D
Acq: 10 Aug 2022 14:50

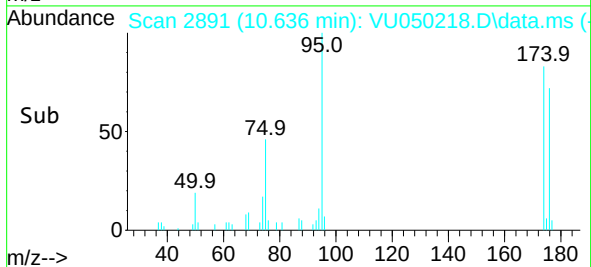
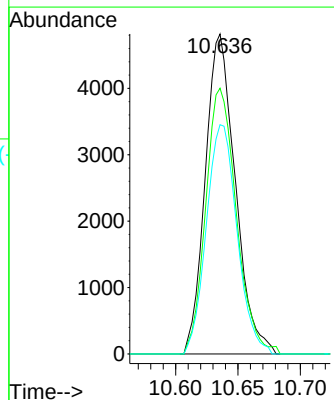
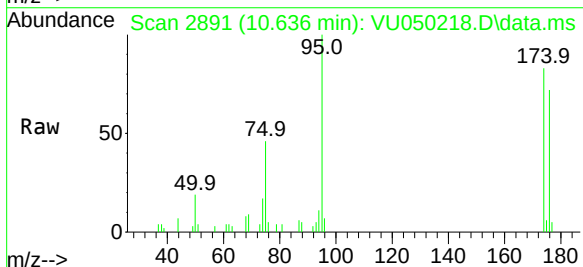
Instrument :
MSVOA_U
ClientSampleId :
TB-01-080322

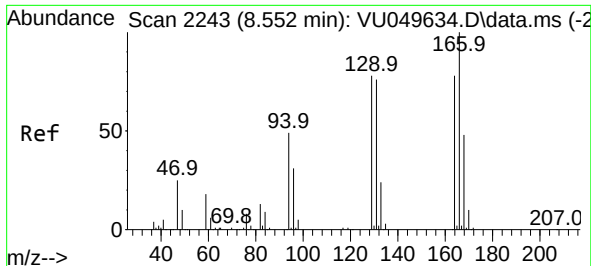
Tgt Ion: 43	Resp:	384
Ion	Ratio	Lower Upper
43	100	
58	42.2	37.1 77.1
57	0.0	0.0 39.5



#57
4-Bromofluorobenzene
Concen: 0.804 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.004 min
Lab File: VU050218.D
Acq: 10 Aug 2022 14:50

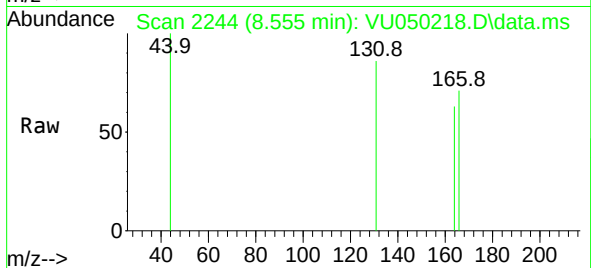
Tgt Ion: 95	Resp:	8079
Ion	Ratio	Lower Upper
95	100	
174	84.8	62.4 93.6
176	73.3	56.2 84.2



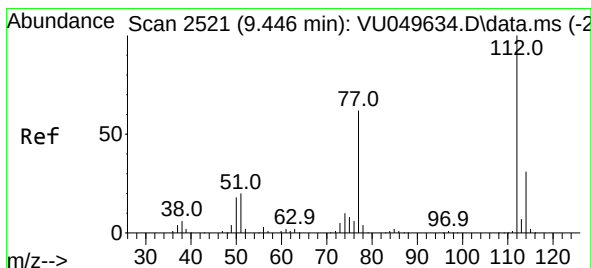
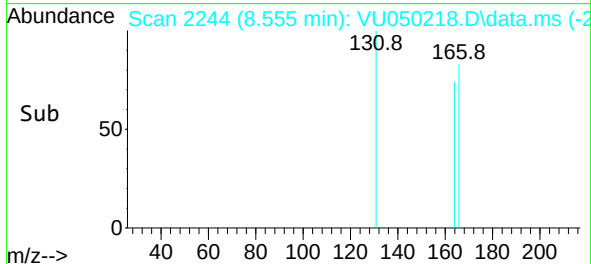
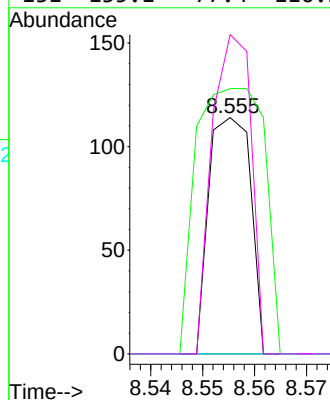


#58
Tetrachloroethene
Concen: 0.009 ug/l
RT: 8.555 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU050218.D
Acq: 10 Aug 2022 14:50

Instrument :
MSVOA_U
ClientSampleId :
TB-01-080322

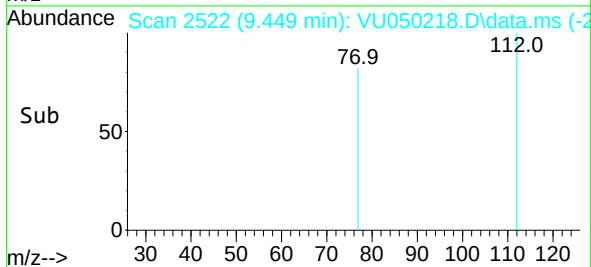
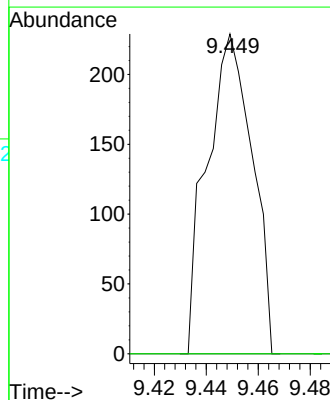
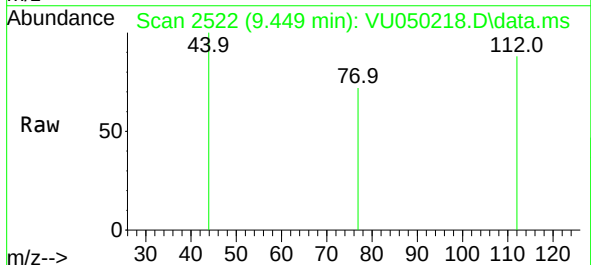


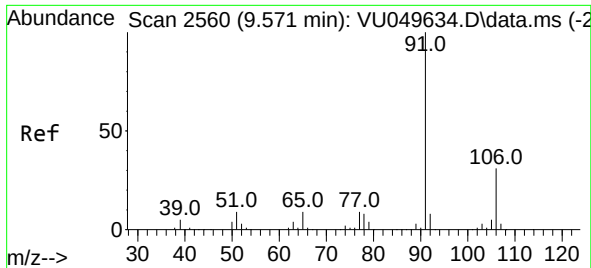
Tgt Ion:164 Resp: 63
Ion Ratio Lower Upper
164 100
166 112.3 102.4 153.6
129 0.0 79.5 119.3#
131 135.1 77.4 116.2#



#59
Chlorobenzene
Concen: 0.013 ug/l
RT: 9.449 min Scan# 2522
Delta R.T. 0.003 min
Lab File: VU050218.D
Acq: 10 Aug 2022 14:50

Tgt Ion:112 Resp: 276
Ion Ratio Lower Upper
112 100
114 0.0 24.9 37.3#

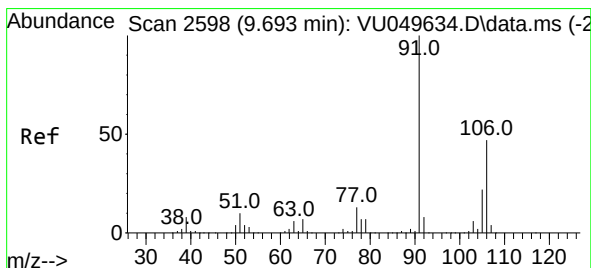
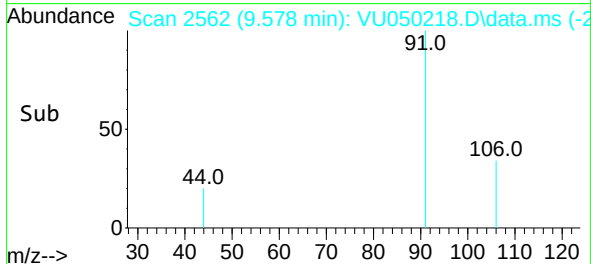
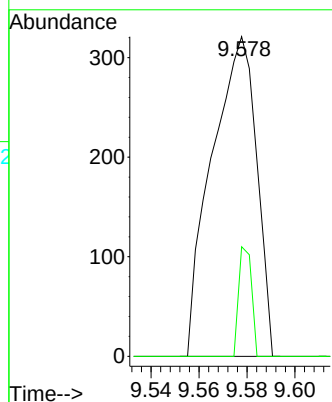
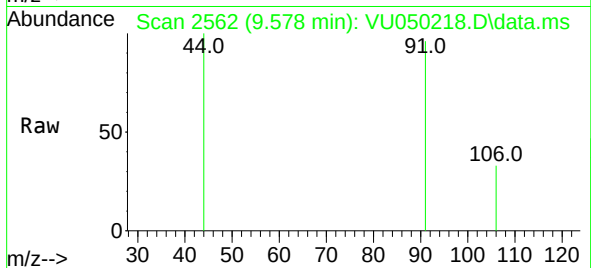




#63
Ethyl Benzene
Concen: 0.012 ug/l
RT: 9.578 min Scan# 21
Delta R.T. 0.007 min
Lab File: VU050218.D
Acq: 10 Aug 2022 14:50

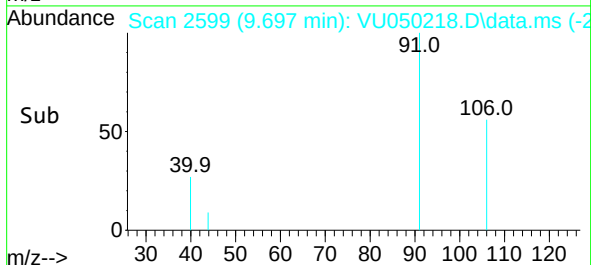
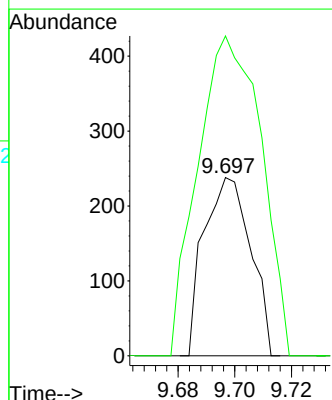
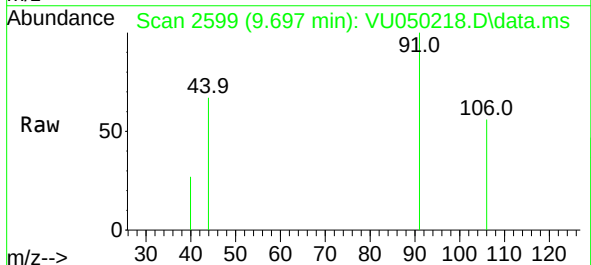
Instrument :
MSVOA_U
ClientSampleId :
TB-01-080322

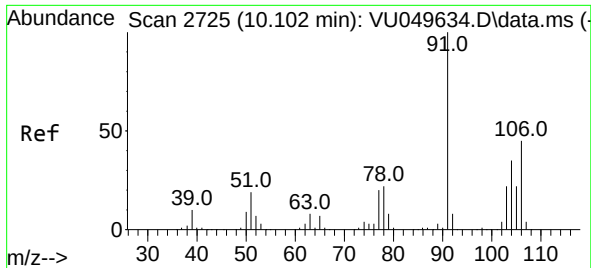
Tgt Ion: 91 Resp: 416
Ion Ratio Lower Upper
91 100
106 34.3 24.4 36.6



#64
m/p-Xylenes
Concen: 0.020 ug/l
RT: 9.697 min Scan# 2599
Delta R.T. 0.004 min
Lab File: VU050218.D
Acq: 10 Aug 2022 14:50

Tgt Ion: 106 Resp: 273
Ion Ratio Lower Upper
106 100
91 243.2 167.8 251.6

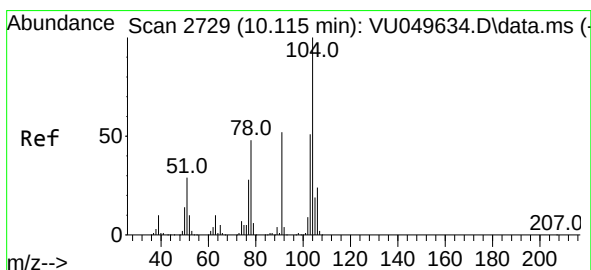
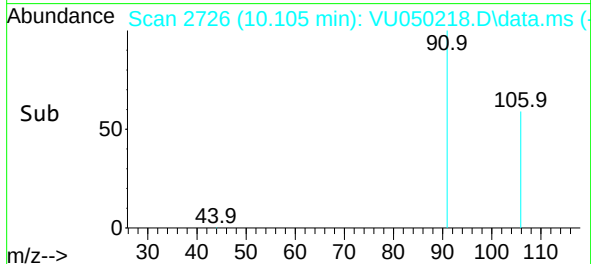
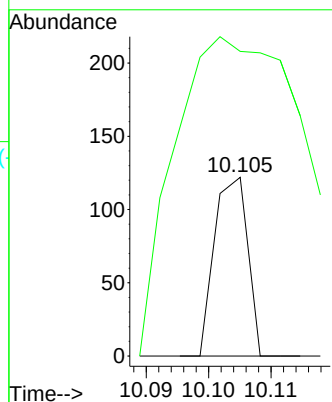
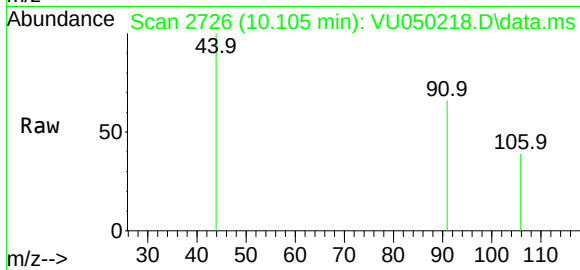




#65
o-Xylene
Concen: 0.003 ug/l
RT: 10.105 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU050218.D
Acq: 10 Aug 2022 14:50

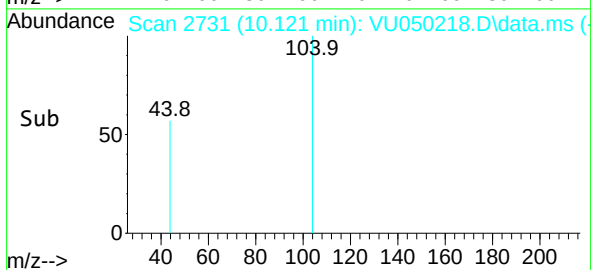
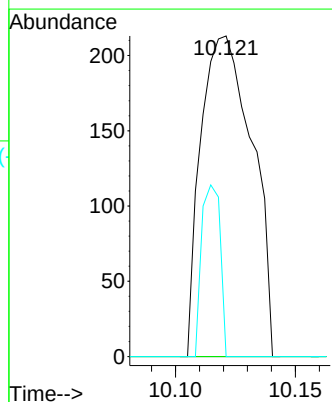
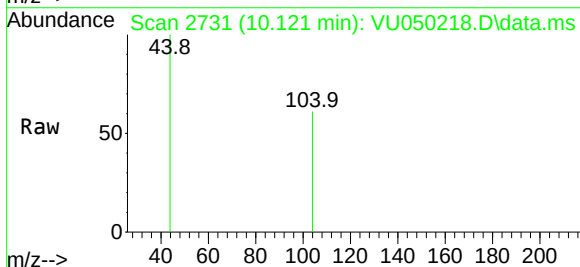
Instrument :
MSVOA_U
ClientSampleId :
TB-01-080322

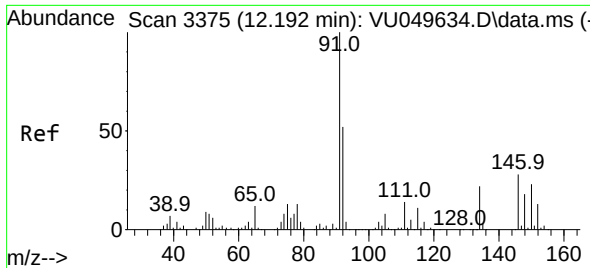
Tgt Ion:106 Resp: 45
Ion Ratio Lower Upper
106 100
91 675.6 111.1 333.2#



#66
Styrene
Concen: 0.015 ug/l
RT: 10.121 min Scan# 2731
Delta R.T. 0.006 min
Lab File: VU050218.D
Acq: 10 Aug 2022 14:50

Tgt Ion:104 Resp: 316
Ion Ratio Lower Upper
104 100
78 0.0 42.1 63.1#
103 19.6 44.5 66.7#

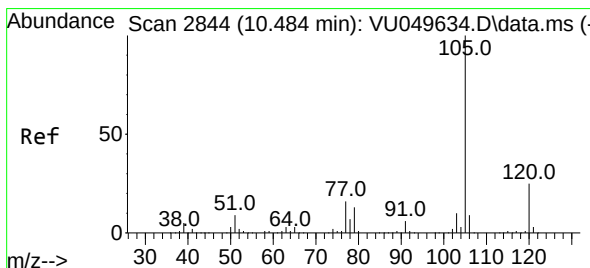
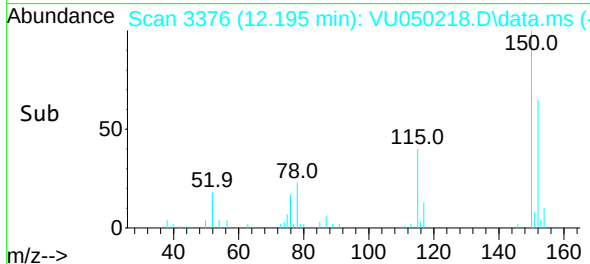
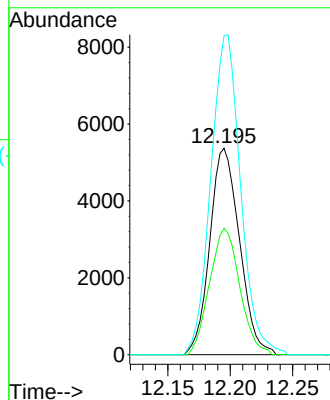
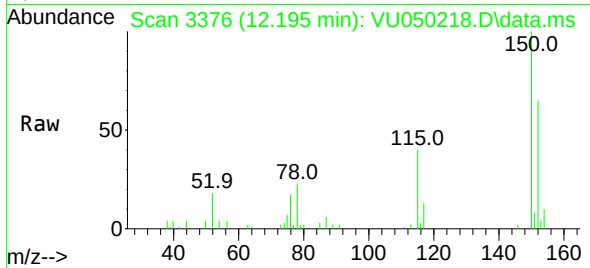




#68
 1,2-Dichlorobenzene-d4
 Concen: 0.878 ug/l
 RT: 12.195 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU050218.D
 Acq: 10 Aug 2022 14:50

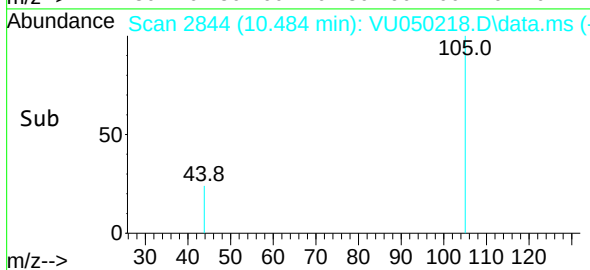
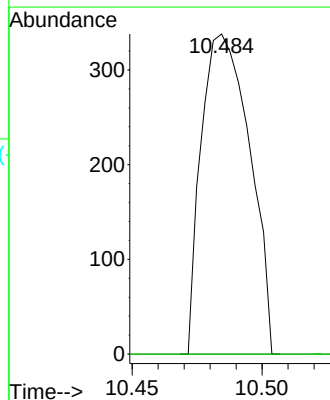
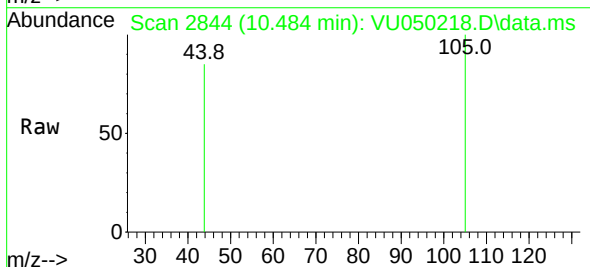
Instrument :
 MSVOA_U
 ClientSampleId :
 TB-01-080322

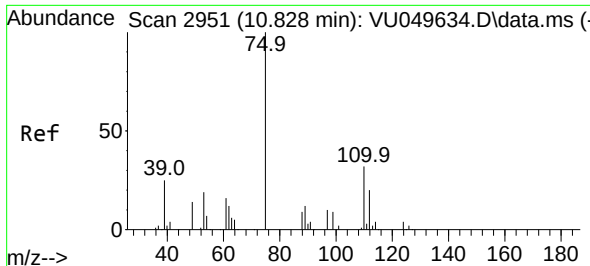
Tgt Ion:152 Resp: 8916
 Ion Ratio Lower Upper
 152 100
 115 62.1 0.0 254.6
 150 155.6 0.0 623.6



#69
 Isopropylbenzene
 Concen: 0.013 ug/l
 RT: 10.484 min Scan# 2844
 Delta R.T. 0.000 min
 Lab File: VU050218.D
 Acq: 10 Aug 2022 14:50

Tgt Ion:105 Resp: 437
 Ion Ratio Lower Upper
 105 100
 120 0.0 12.6 37.8#

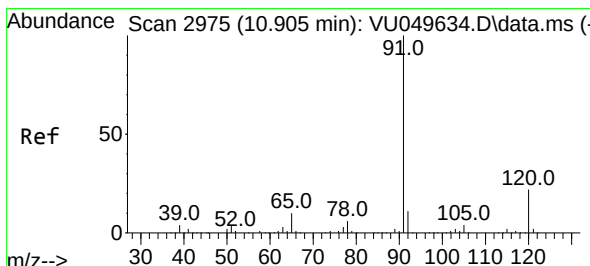
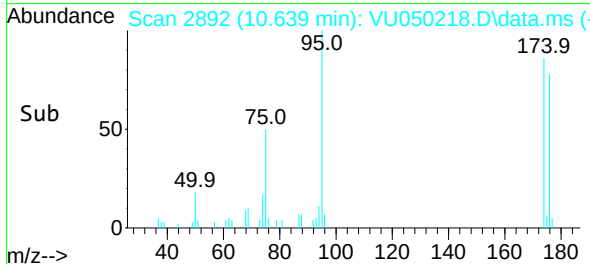
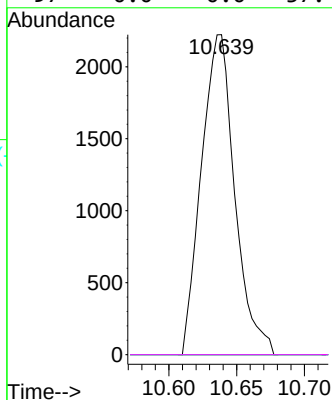
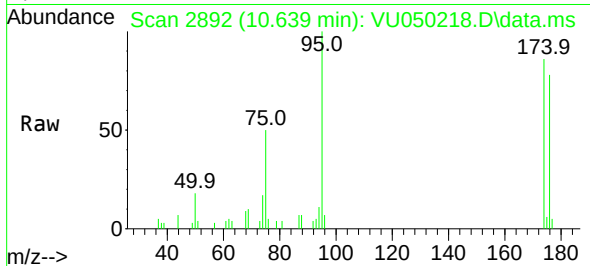




#71
1,2,3-Trichloropropane
Concen: 0.527 ug/l
RT: 10.639 min Scan# 21
Delta R.T. -0.190 min
Lab File: VU050218.D
Acq: 10 Aug 2022 14:50

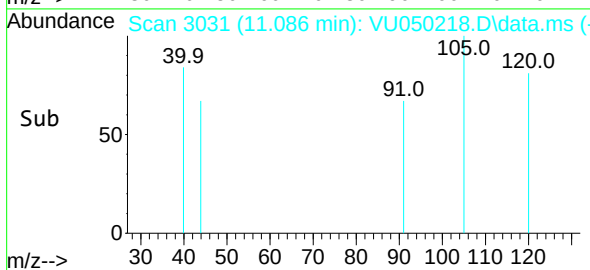
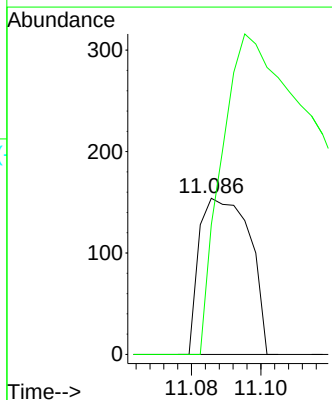
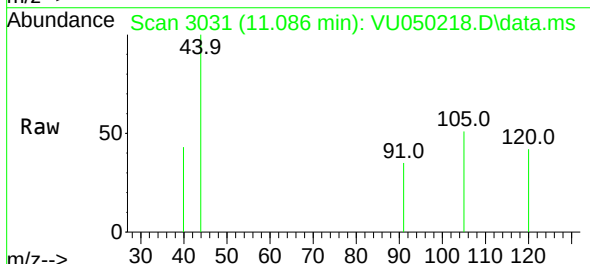
Instrument :
MSVOA_U
ClientSampleId :
TB-01-080322

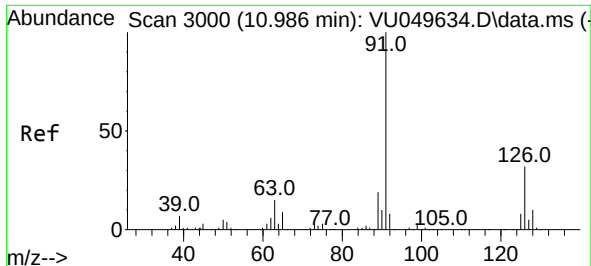
Tgt Ion: 75	Resp:	3810
Ion	Ratio	Lower Upper
75	100	
77	6.0	0.0 112.4
110	0.0	0.0 70.6
97	0.0	0.0 37.4



#73
n-propylbenzene
Concen: 0.019 ug/l
RT: 11.086 min Scan# 3031
Delta R.T. 0.181 min
Lab File: VU050218.D
Acq: 10 Aug 2022 14:50

Tgt Ion: 120	Resp:	156
Ion	Ratio	Lower Upper
120	100	
91	394.9	367.8 551.6

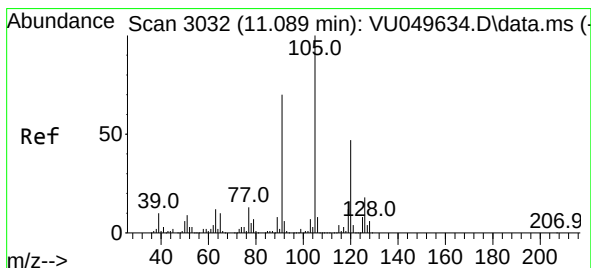
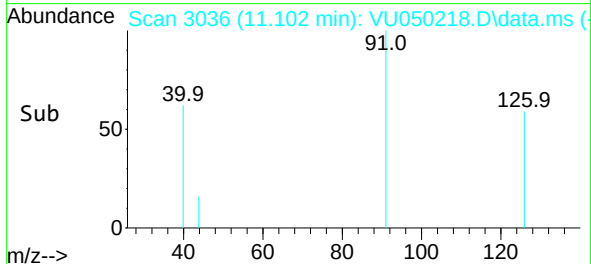
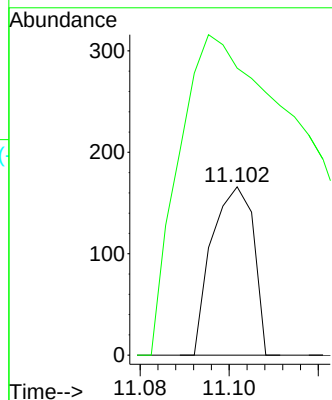
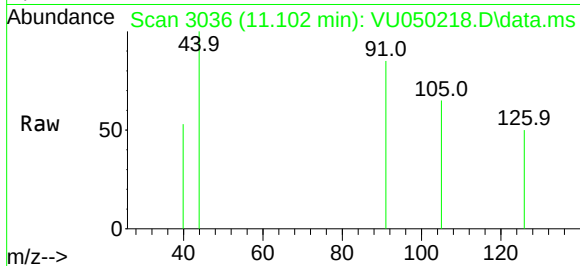




#74
2-Chlorotoluene
Concen: 0.013 ug/l
RT: 11.102 min Scan# 3036
Delta R.T. 0.116 min
Lab File: VU050218.D
Acq: 10 Aug 2022 14:50

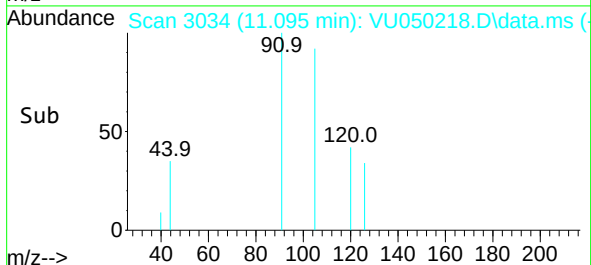
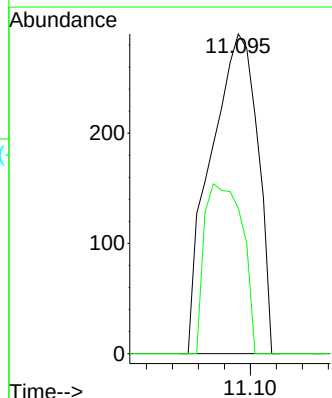
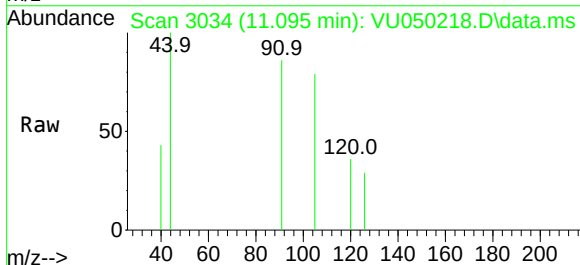
Instrument :
MSVOA_U
ClientSampleId :
TB-01-080322

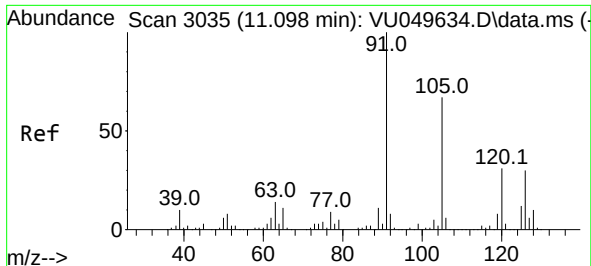
Tgt Ion:126 Resp: 108
Ion Ratio Lower Upper
126 100
91 570.4 0.0 620.6



#75
1,3,5-Trimethylbenzene
Concen: 0.013 ug/l
RT: 11.095 min Scan# 3034
Delta R.T. 0.006 min
Lab File: VU050218.D
Acq: 10 Aug 2022 14:50

Tgt Ion:105 Resp: 364
Ion Ratio Lower Upper
105 100
120 42.9 37.6 56.4

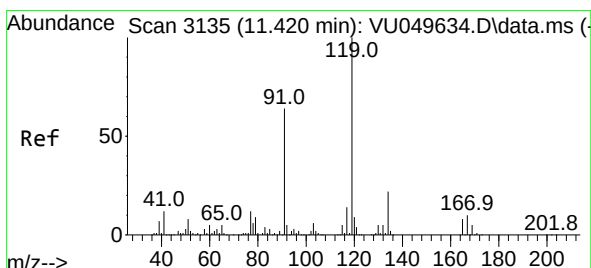
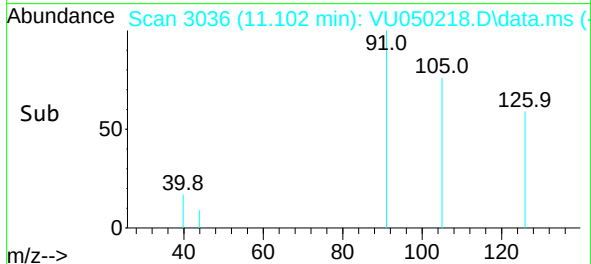
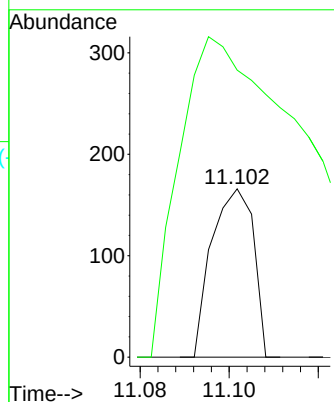
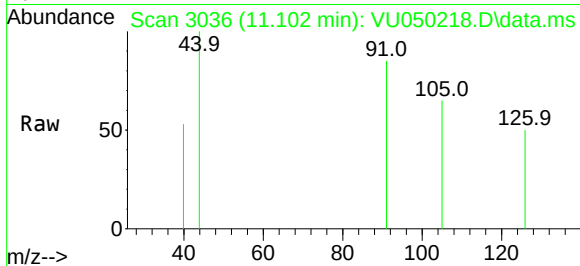




#76
4-Chlorotoluene
Concen: 0.013 ug/l
RT: 11.102 min Scan# 3036
Delta R.T. 0.004 min
Lab File: VU050218.D
Acq: 10 Aug 2022 14:50

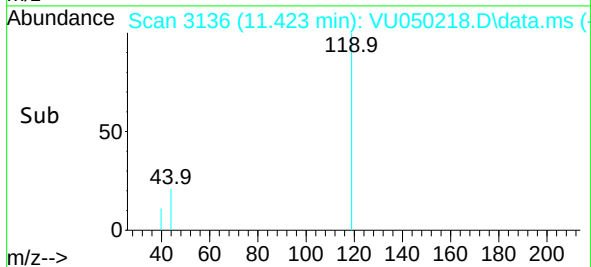
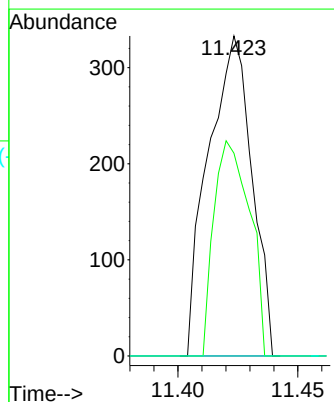
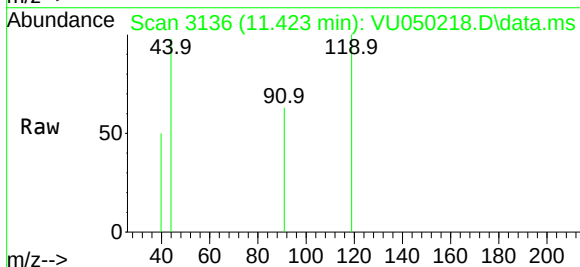
Instrument :
MSVOA_U
ClientSampleId :
TB-01-080322

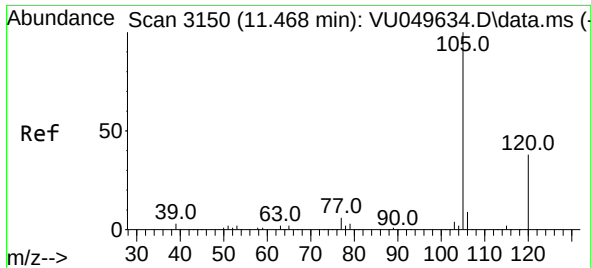
Tgt Ion:126 Resp: 108
Ion Ratio Lower Upper
126 100
91 570.4 0.0 738.8



#77
tert-Butylbenzene
Concen: 0.015 ug/l
RT: 11.423 min Scan# 3136
Delta R.T. 0.003 min
Lab File: VU050218.D
Acq: 10 Aug 2022 14:50

Tgt Ion:119 Resp: 421
Ion Ratio Lower Upper
119 100
91 55.1 30.4 91.3
134 0.0 17.8 26.6#

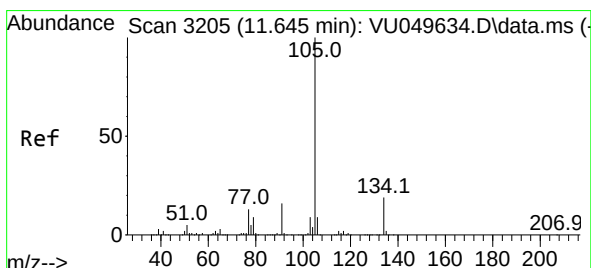
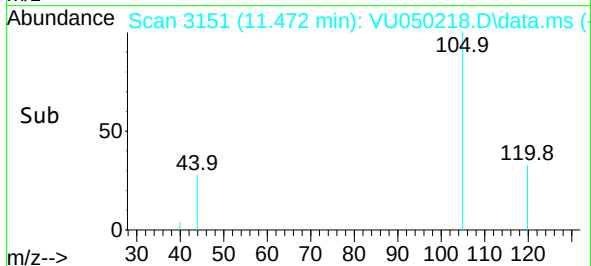
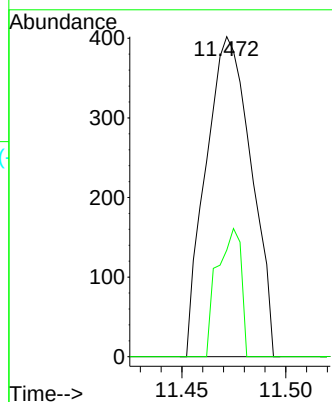
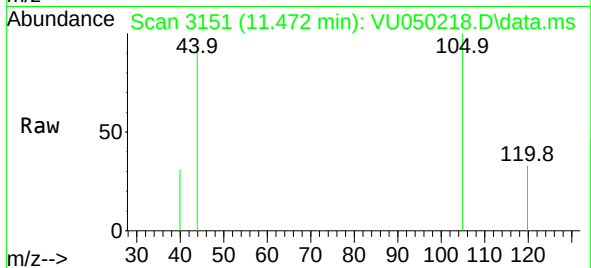




#78
 1,2,4-Trimethylbenzene
 Concen: 0.021 ug/l
 RT: 11.472 min Scan# 3151
 Delta R.T. 0.004 min
 Lab File: VU050218.D
 Acq: 10 Aug 2022 14:50

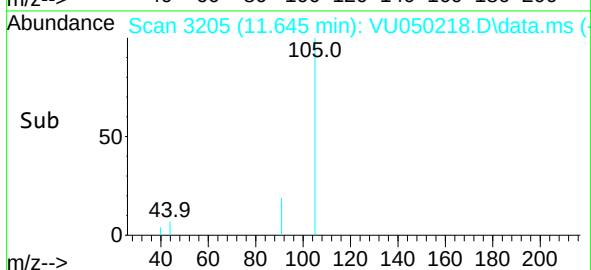
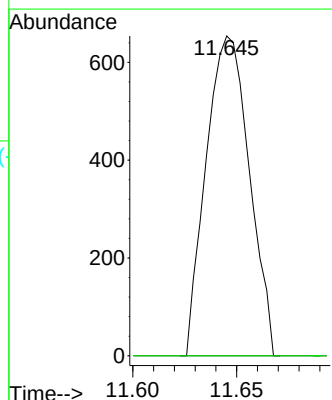
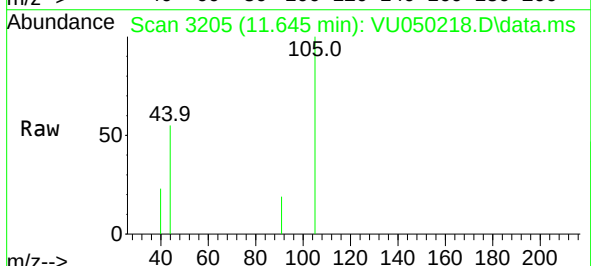
Instrument :
 MSVOA_U
 ClientSampleId :
 TB-01-080322

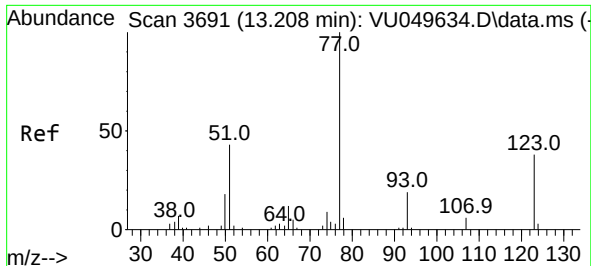
Tgt Ion:105 Resp: 609
 Ion Ratio Lower Upper
 105 100
 120 21.0 21.6 65.0#



#79
 sec-Butylbenzene
 Concen: 0.028 ug/l
 RT: 11.645 min Scan# 3205
 Delta R.T. 0.000 min
 Lab File: VU050218.D
 Acq: 10 Aug 2022 14:50

Tgt Ion:105 Resp: 946
 Ion Ratio Lower Upper
 105 100
 134 4.7 15.4 23.0#

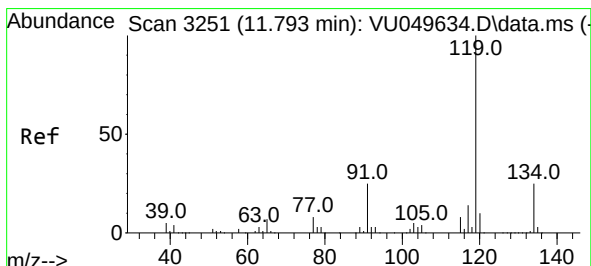
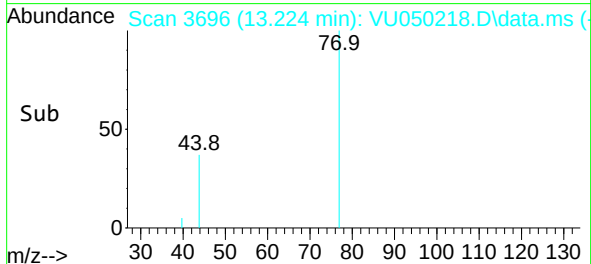
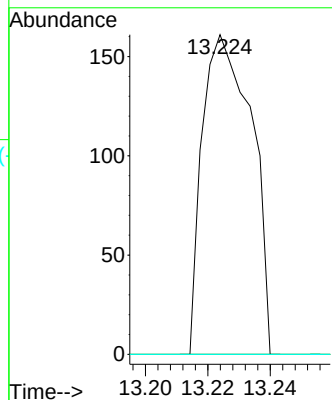
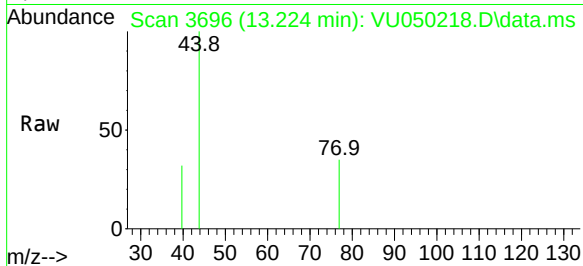




#80
Nitrobenzene
Concen: 0.456 ug/l
RT: 13.224 min Scan# 30
Delta R.T. 0.016 min
Lab File: VU050218.D
Acq: 10 Aug 2022 14:50

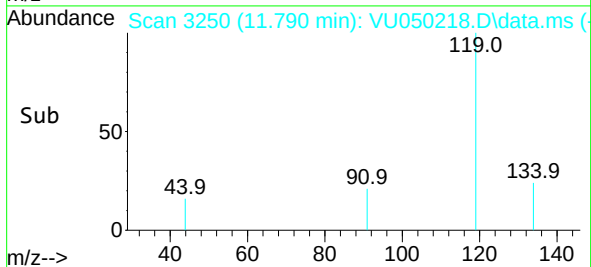
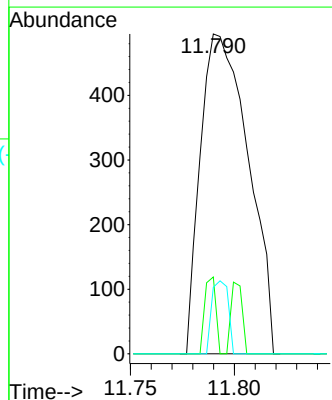
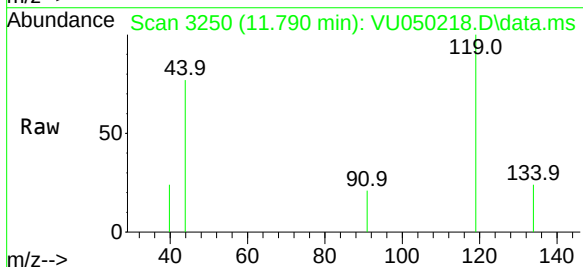
Instrument :
MSVOA_U
ClientSampleId :
TB-01-080322

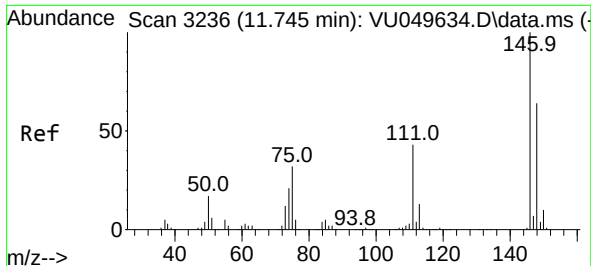
Tgt Ion: 77 Resp: 176
Ion Ratio Lower Upper
77 100
123 0.0 18.1 64.3#
65 0.0 10.8 13.8#



#81
p-Isopropyltoluene
Concen: 0.030 ug/l
RT: 11.790 min Scan# 3250
Delta R.T. -0.003 min
Lab File: VU050218.D
Acq: 10 Aug 2022 14:50

Tgt Ion: 119 Resp: 792
Ion Ratio Lower Upper
119 100
134 5.6 20.5 30.7#
91 7.8 19.8 29.6#

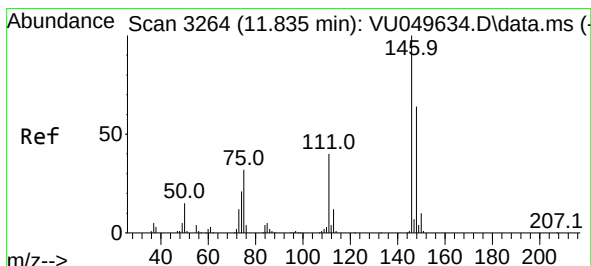
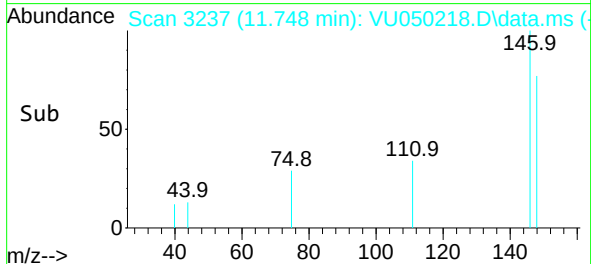
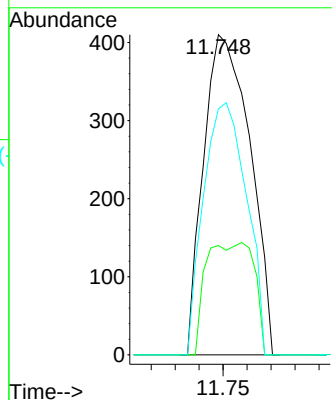
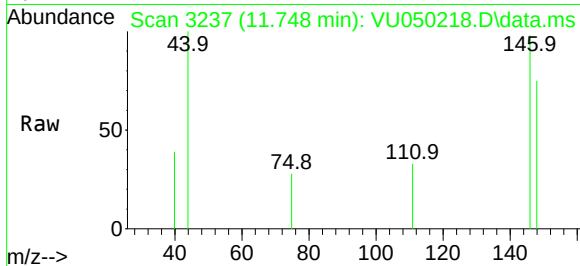




#82
1,3-Dichlorobenzene
Concen: 0.033 ug/l
RT: 11.748 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU050218.D
Acq: 10 Aug 2022 14:50

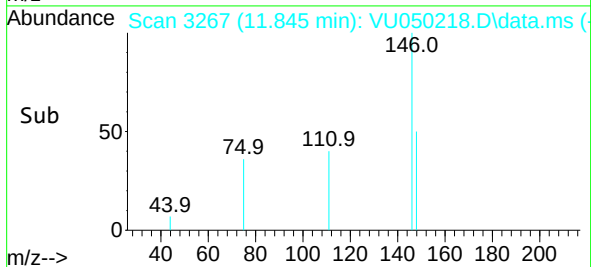
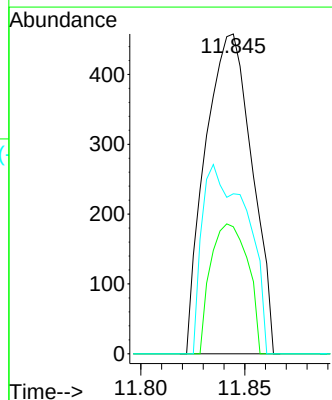
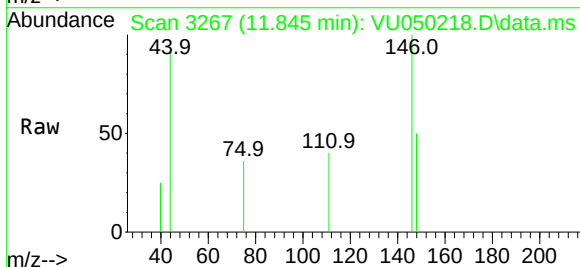
Instrument :
MSVOA_U
ClientSampleId :
TB-01-080322

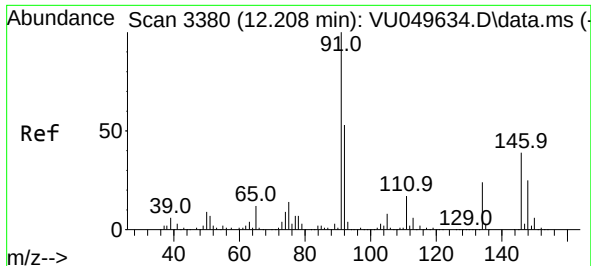
Tgt Ion:146 Resp: 551
Ion Ratio Lower Upper
146 100
111 18.1 33.4 50.2#
148 73.0 51.2 76.8



#83
1,4-Dichlorobenzene
Concen: 0.044 ug/l
RT: 11.845 min Scan# 3267
Delta R.T. 0.010 min
Lab File: VU050218.D
Acq: 10 Aug 2022 14:50

Tgt Ion:146 Resp: 715
Ion Ratio Lower Upper
146 100
111 32.3 32.6 49.0#
148 57.1 51.6 77.4

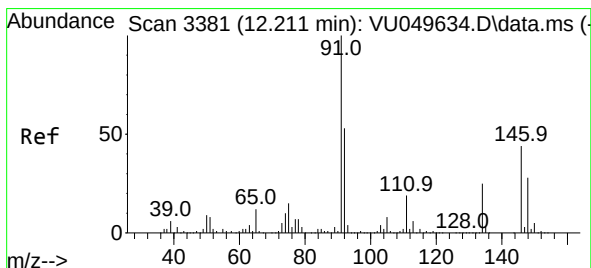
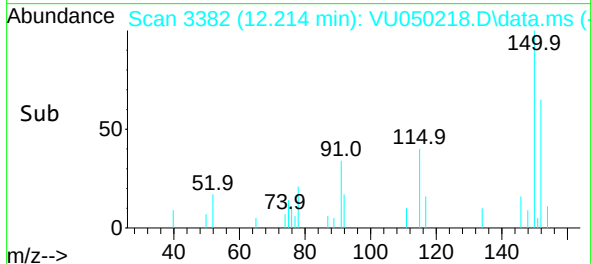
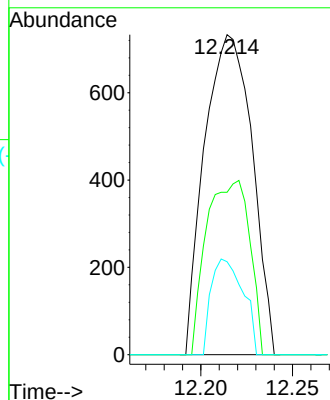
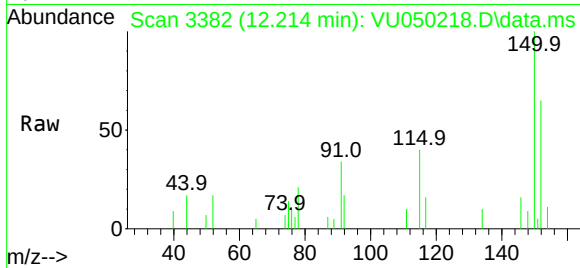




#84
n-Butylbenzene
Concen: 0.057 ug/l
RT: 12.214 min Scan# 3382
Delta R.T. 0.006 min
Lab File: VU050218.D
Acq: 10 Aug 2022 14:50

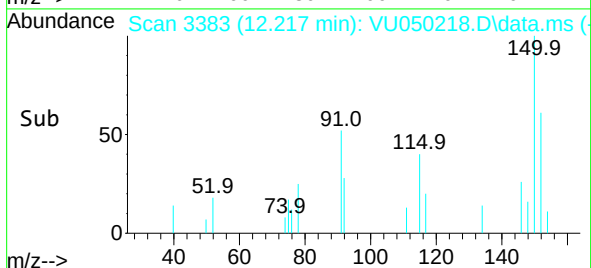
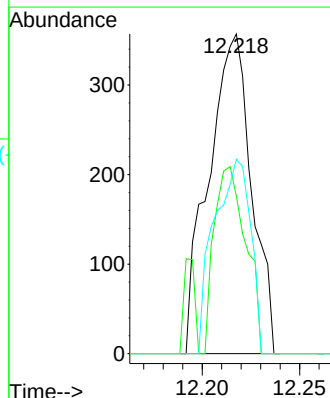
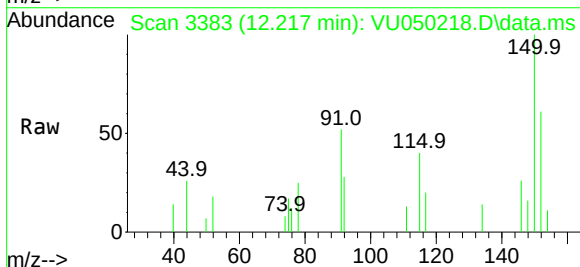
Instrument :
MSVOA_U
ClientSampleId :
TB-01-080322

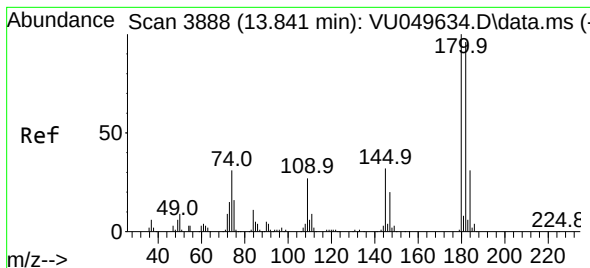
Tgt Ion: 91 Resp: 1320
Ion Ratio Lower Upper
91 100
92 49.3 42.3 63.5
134 20.1 19.6 29.4



#85
1,2-Dichlorobenzene
Concen: 0.033 ug/l
RT: 12.217 min Scan# 3383
Delta R.T. 0.006 min
Lab File: VU050218.D
Acq: 10 Aug 2022 14:50

Tgt Ion: 146 Resp: 546
Ion Ratio Lower Upper
146 100
111 43.4 22.1 66.1
148 51.5 32.1 96.3





#87

1,2,4-Trichlorobenzene

Concen: 0.109 ug/l

RT: 13.841 min Scan# 3888

Delta R.T. 0.000 min

Lab File: VU050218.D

Acq: 10 Aug 2022 14:50

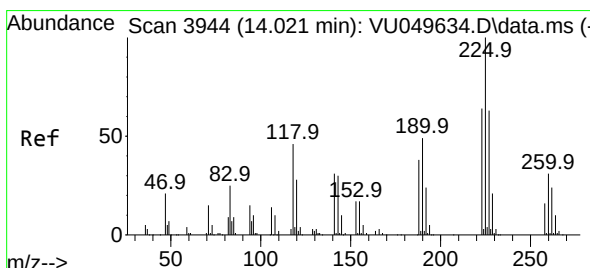
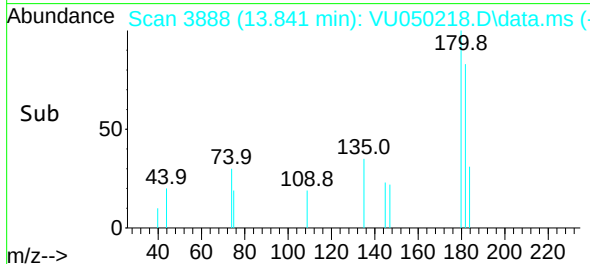
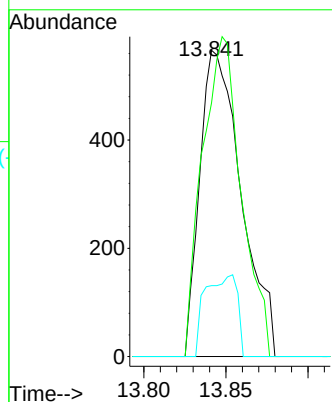
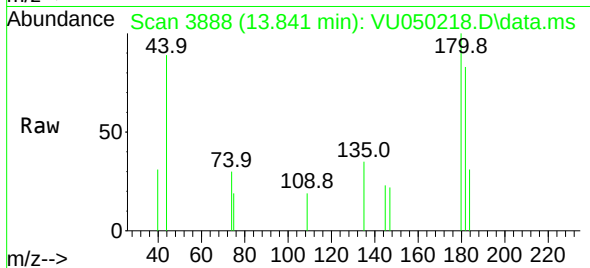
Instrument :

MSVOA_U

ClientSampleId :

TB-01-080322

Tgt Ion:	180	Resp:	995
Ion Ratio	Lower	Upper	
180	100		
182	97.9	77.0	115.6
145	20.4	25.7	38.5#



#88

Hexachlorobutadiene

Concen: 0.065 ug/l

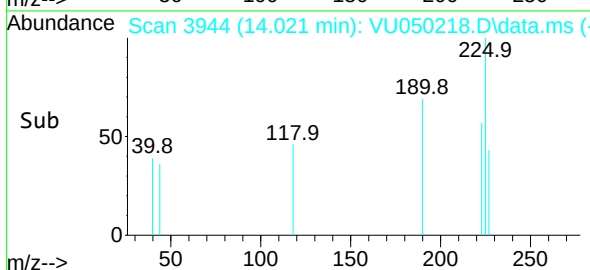
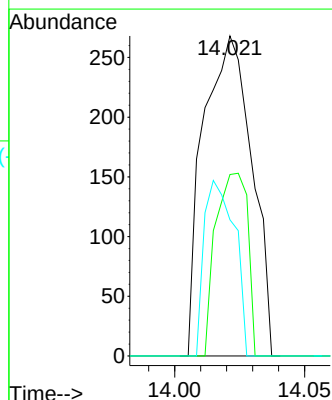
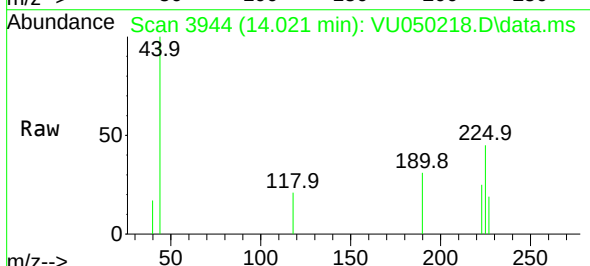
RT: 14.021 min Scan# 3944

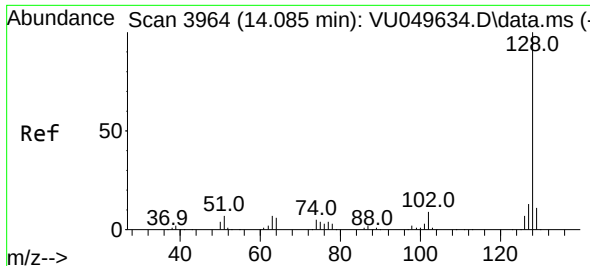
Delta R.T. 0.000 min

Lab File: VU050218.D

Acq: 10 Aug 2022 14:50

Tgt Ion:	225	Resp:	347
Ion Ratio	Lower	Upper	
225	100		
223	37.5	50.6	76.0#
227	34.6	50.7	76.1#

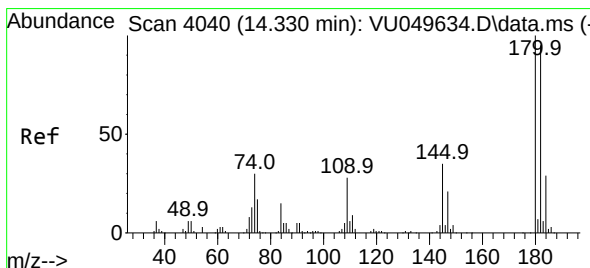
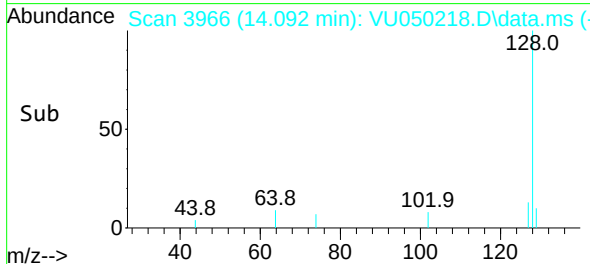
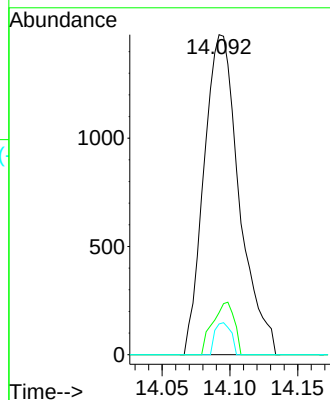
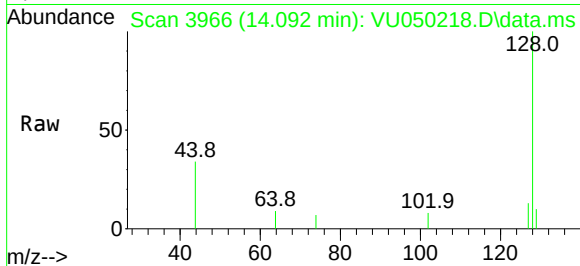




#89
Naphthalene
Concen: 0.142 ug/l
RT: 14.092 min Scan# 3966
Delta R.T. 0.007 min
Lab File: VU050218.D
Acq: 10 Aug 2022 14:50

Instrument :
MSVOA_U
ClientSampleId :
TB-01-080322

Tgt Ion:128 Resp: 2680
Ion Ratio Lower Upper
128 100
127 10.0 10.1 15.1#
129 4.5 8.6 12.8#



#90
1,2,3-Trichlorobenzene
Concen: 0.106 ug/l
RT: 14.336 min Scan# 4042
Delta R.T. 0.006 min
Lab File: VU050218.D
Acq: 10 Aug 2022 14:50

Tgt Ion:180 Resp: 1001
Ion Ratio Lower Upper
180 100
182 90.7 76.6 114.8
145 24.4 27.3 40.9#

