

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081922\
 Data File : VU050383.D
 Acq On : 19 Aug 2022 22:19
 Operator : SY/MD
 Sample : N3734-14
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 WS-NAPHTHALENE

Quant Time: Aug 20 06:26:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U081922DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Aug 19 15:06:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.121	96	30325	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.639	95	8214	0.796	ug/l	0.00
Spiked Amount 1.000			Recovery	=	80.000%	
68) 1,2-Dichlorobenzene-d4	12.198	152	9678	0.793	ug/l	0.00
Spiked Amount 1.000			Recovery	=	79.000%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.549	50	364	0.024	ug/l	100
4) Vinyl Chloride	1.604	62	75	0.006	ug/l	# 43
5) Bromomethane	1.854	94	40	0.007	ug/l	92
9) 1,1-Dichloroethene	2.571	96	22	0.002	ug/l	1
11) Allyl Chloride	2.890	41	150	0.011	ug/l	97
12) Acrylonitrile	3.192	53	47	0.018	ug/l	# 49
13) Acetone	2.629	43	1675	0.894	ug/l	# 85
14) Carbon Disulfide	2.790	76	362218	13.093	ug/l	99
15) Methylene Chloride	3.047	84	9395	0.777	ug/l	93
17) 1,1-Dichloroethane	3.899	63	19	0.001	ug/l	# 83
18) 2-Butanone	4.719	43	1385	0.470	ug/l	75
21) 2,2-Dichloropropane	4.713	77	3572	0.244	ug/l	# 52
22) cis-1,2-Dichloroethene	4.674	96	42	0.004	ug/l	# 29
24) tert-Butyl Alcohol	3.195	59	15567	19.183	ug/l	# 73
25) Methyl tert-Butyl Ether	3.385	73	194	0.008	ug/l	# 7
27) Chloroform	5.073	83	337	0.018	ug/l	17
29) 1,1-Dichloropropene	5.513	75	22	0.002	ug/l	# 42
30) Carbon Tetrachloride	5.510	117	40	0.003	ug/l	# 13
31) Isopropyl Ether	4.070	45	241	0.008	ug/l	93
32) Ethyl-t-butyl ether	4.542	59	172	0.007	ug/l	# 35
33) Tert-Amyl methyl ether	6.121	73	390	0.026	ug/l	# 66
34) Propionitrile	4.722	54	41	0.047	ug/l	# 1
35) Benzene	5.774	78	237	0.006	ug/l	# 52
39) Methacrylonitrile	4.993	41	101	0.028	ug/l	# 5
40) Methyl acrylate	4.848	55	99	0.018	ug/l	# 67
41) Tetrahydrofuran	5.079	42	289	0.162	ug/l	# 73
45) 4-Methyl-2-Pentanone	7.816	43	88811	16.335	ug/l	98
46) t-1,4-Dichloro-2-butene	10.822	75	171	0.575	ug/l	# 20
49) Toluene	7.976	92	156	0.008	ug/l	# 46
54) 2-Hexanone	8.706	43	438	0.116	ug/l	# 53
58) Tetrachloroethene	8.565	164	44	0.005	ug/l	# 32
59) Chlorobenzene	9.452	112	158	0.007	ug/l	# 44
63) Ethyl Benzene	9.706	91	461	0.580	ug/l	96
64) m/p-Xylenes	9.697	106	144	1.092	ug/l	# 29
65) o-Xylene	10.108	106	64	0.515	ug/l	82
66) Styrene	10.124	104	164	0.606	ug/l	# 25
69) Isopropylbenzene	10.491	105	438	0.013	ug/l	# 50
71) 1,2,3-Trichloropropane	10.822	75	171	0.021	ug/l	# 78
73) n-propylbenzene	11.086	120	80	0.598	ug/l	98
75) 1,3,5-Trimethylbenzene	11.092	105	351	0.532	ug/l	# 64
77) tert-Butylbenzene	11.420	119	61	0.496	ug/l	# 29
78) 1,2,4-Trimethylbenzene	11.478	105	447	0.576	ug/l	95
79) sec-Butylbenzene	11.648	105	499	0.558	ug/l	# 58

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

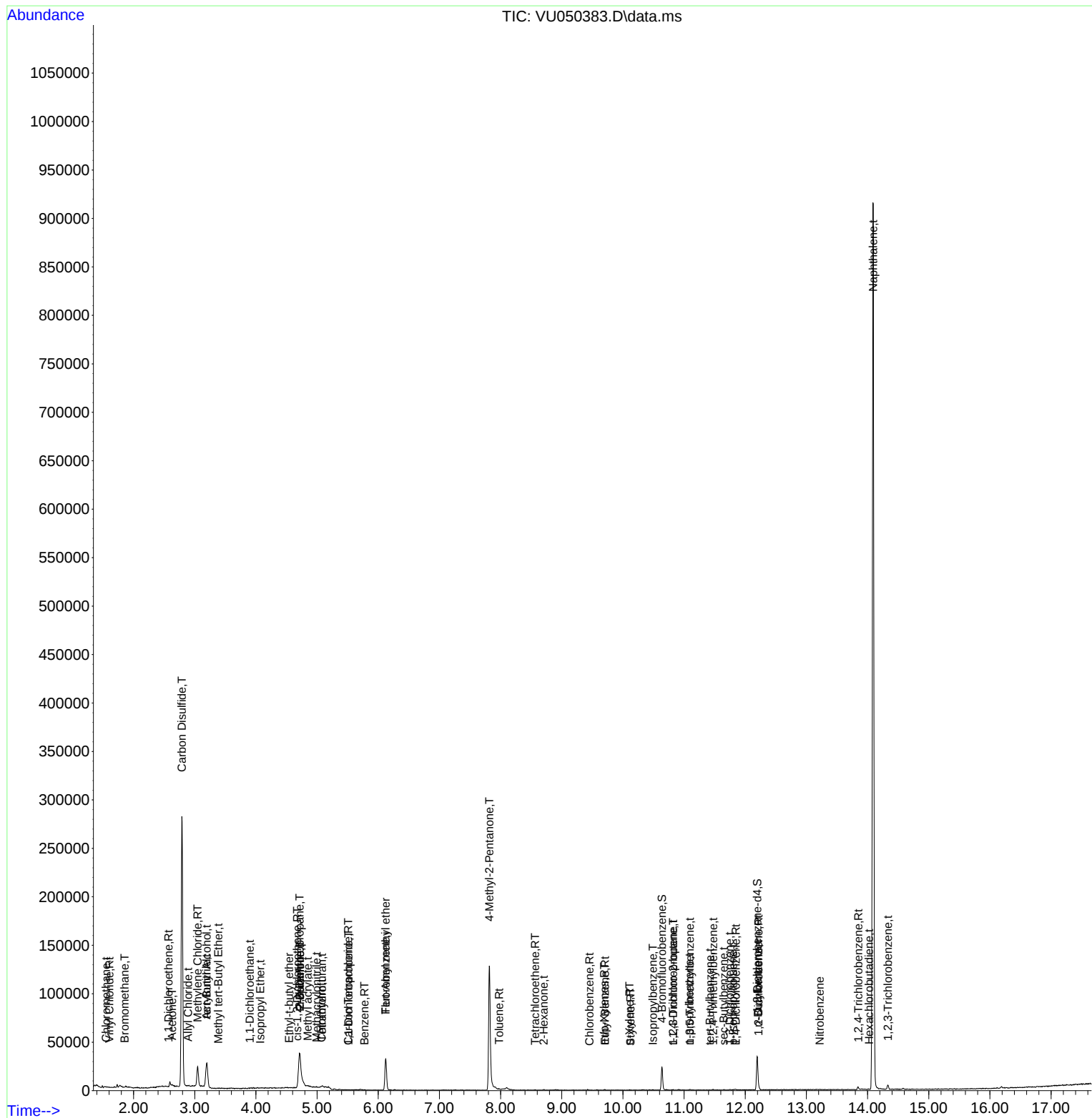
80) Nitrobenzene	13.217	77	65	0.109	ug/l #	42
81) p-Isopropyltoluene	11.799	119	404	0.013	ug/l #	50
82) 1,3-Dichlorobenzene	11.745	146	391	0.020	ug/l #	66
83) 1,4-Dichlorobenzene	11.848	146	465	0.024	ug/l #	66
84) n-Butylbenzene	12.208	91	1204	0.618	ug/l #	89
85) 1,2-Dichlorobenzene	12.214	146	314	0.017	ug/l	98
87) 1,2,4-Trichlorobenzene	13.848	180	1286	0.119	ug/l #	85
88) Hexachlorobutadiene	14.024	225	277	0.039	ug/l #	68
89) Naphthalene	14.092	128	754966	24.217	ug/l	99
90) 1,2,3-Trichlorobenzene	14.333	180	2002	0.629	ug/l #	86

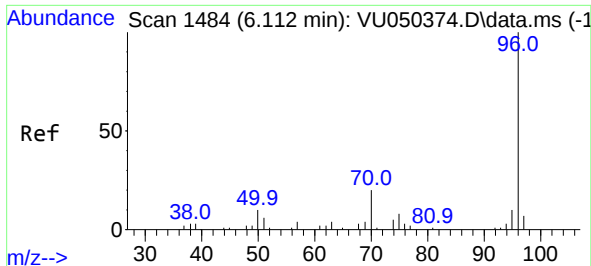
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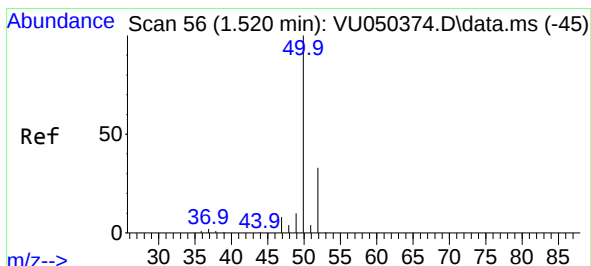
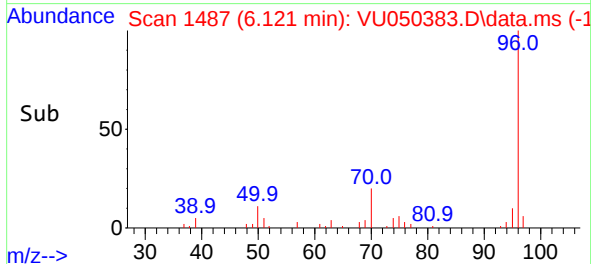
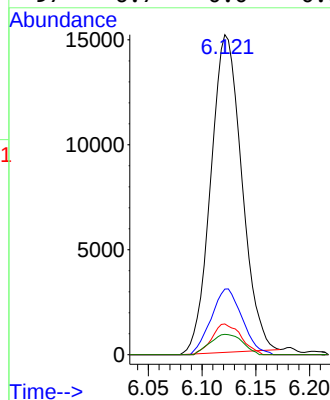
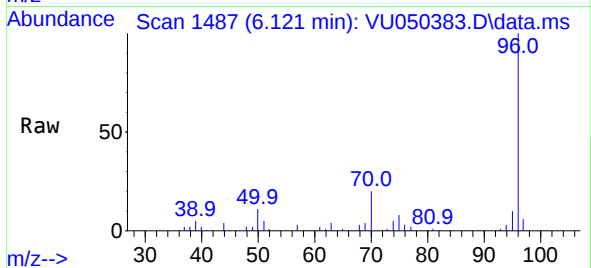




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.121 min Scan# 14
Delta R.T. 0.009 min
Lab File: VU050383.D
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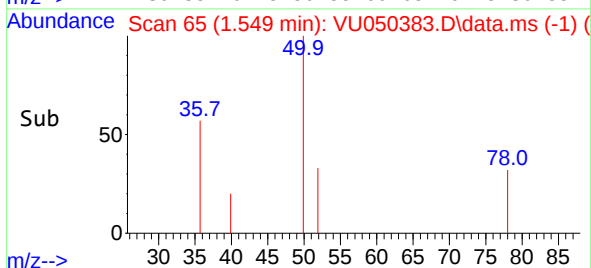
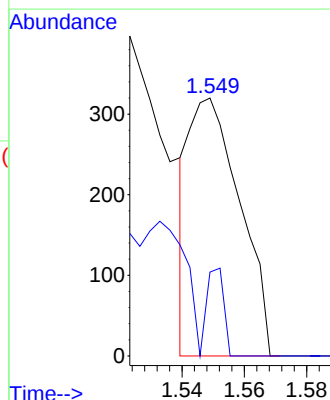
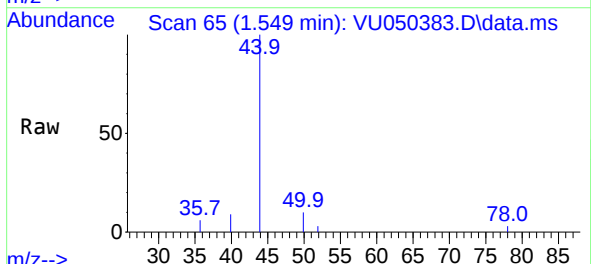
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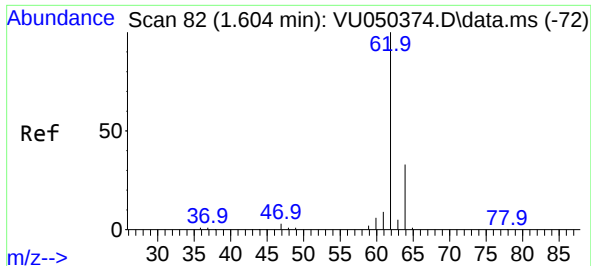
Tgt Ion: 96	Resp: 30325
Ion Ratio	Lower Upper
96 100	
70 20.8	16.7 25.1
95 9.2	7.4 11.0
97 6.7	0.0 0.0



#3
Chloromethane
Concen: 0.024 ug/l
RT: 1.549 min Scan# 65
Delta R.T. 0.029 min
Lab File: VU050383.D
Acq: 19 Aug 2022 22:19

Tgt Ion: 50	Resp: 364
Ion Ratio	Lower Upper
50 100	
52 32.5	26.1 39.1

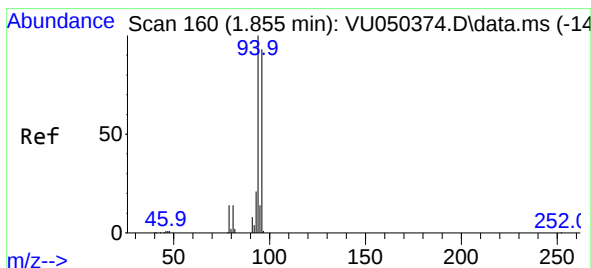
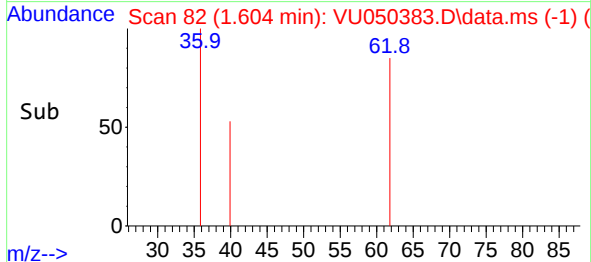
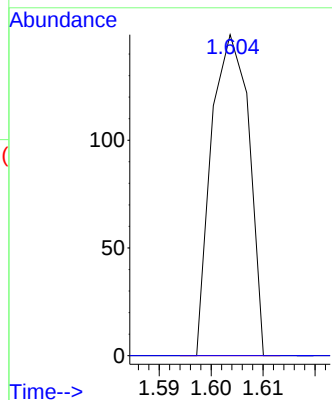
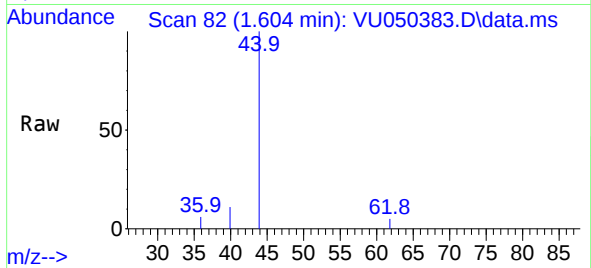




#4
 Vinyl Chloride
 Concen: 0.006 ug/l
 RT: 1.604 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU050383.D
 Acq: 19 Aug 2022 22:19

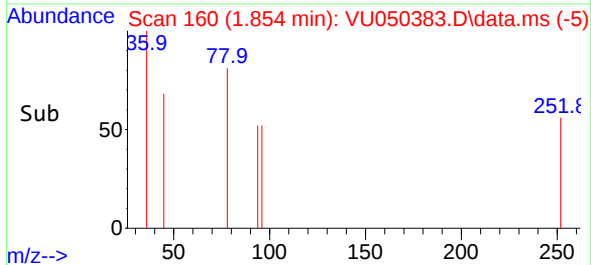
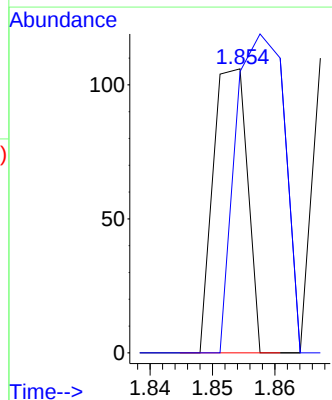
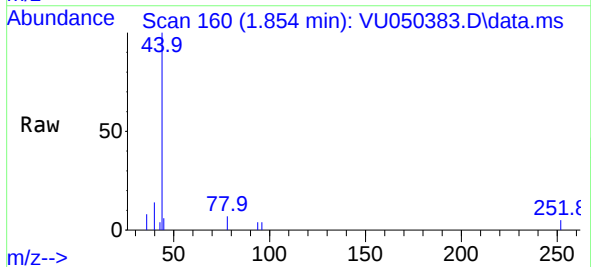
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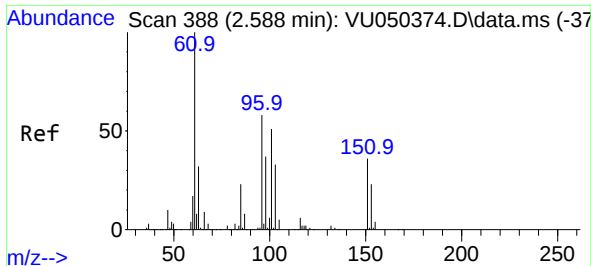
Tgt Ion: 62 Resp: 75
 Ion Ratio Lower Upper
 62 100
 64 0.0 25.5 38.3#



#5
 Bromomethane
 Concen: 0.007 ug/l
 RT: 1.854 min Scan# 160
 Delta R.T. -0.000 min
 Lab File: VU050383.D
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Tgt Ion: 94 Resp: 40
 Ion Ratio Lower Upper
 94 100
 96 99.1 73.0 109.6

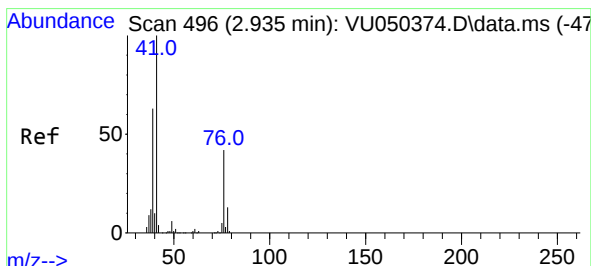
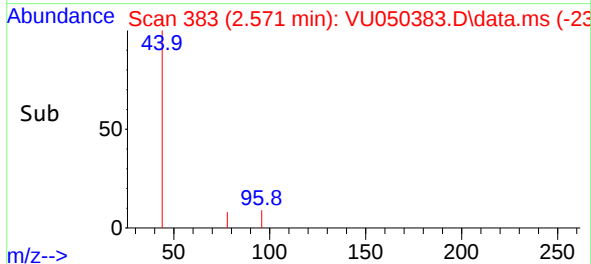
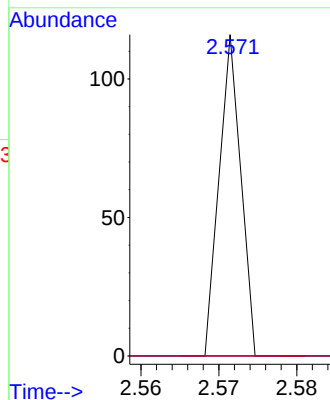
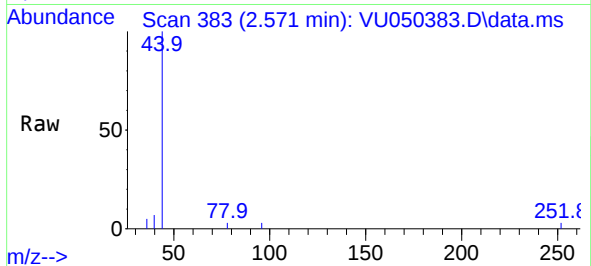




#9
1,1-Dichloroethene
Concen: 0.002 ug/l
RT: 2.571 min Scan# 31
Delta R.T. -0.016 min
Lab File: VU050383.D
Acq: 19 Aug 2022 22:19

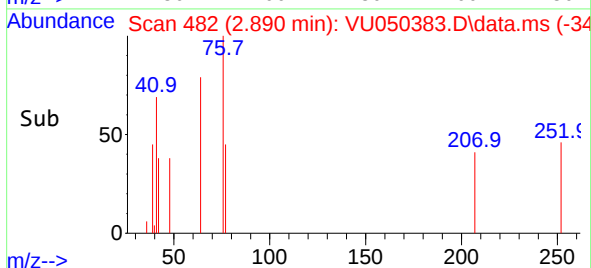
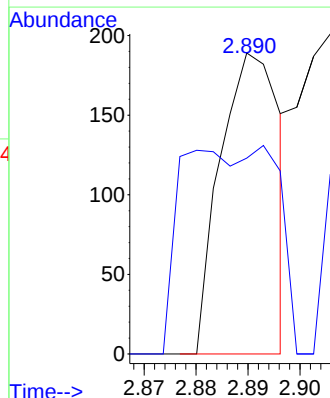
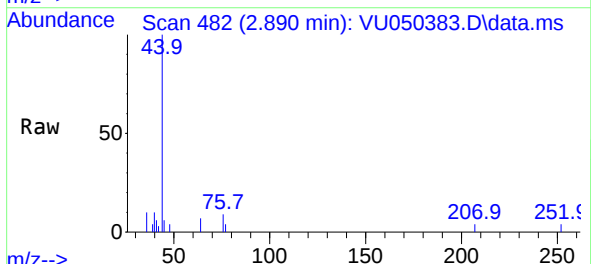
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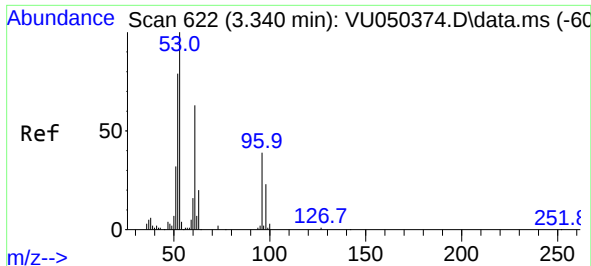
Tgt Ion: 96 Resp: 22
Ion Ratio Lower Upper
96 100
61 0.0 0.0 510.6
98 0.0 0.0 124.6



#11
Allyl Chloride
Concen: 0.011 ug/l
RT: 2.890 min Scan# 482
Delta R.T. -0.045 min
Lab File: VU050383.D
Acq: 19 Aug 2022 22:19

Tgt Ion: 41 Resp: 150
Ion Ratio Lower Upper
41 100
39 64.0 53.2 79.8

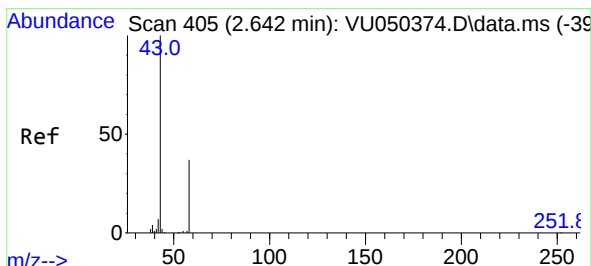
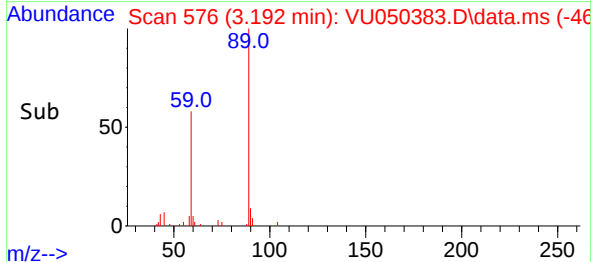
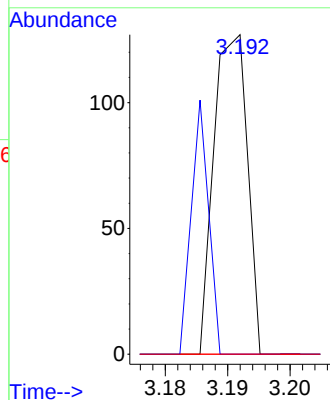
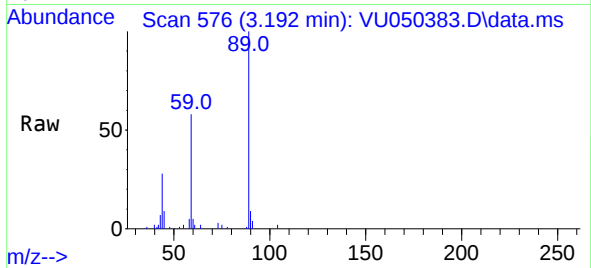




#12
Acrylonitrile
Concen: 0.018 ug/l
RT: 3.192 min Scan# 51
Delta R.T. -0.148 min
Lab File: VU050383.D
Acq: 19 Aug 2022 22:19

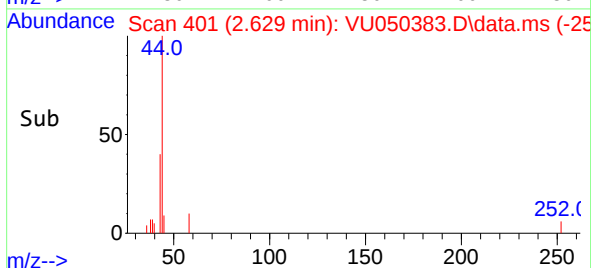
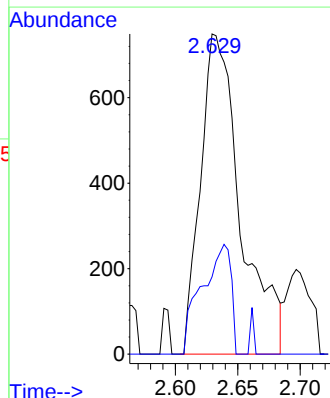
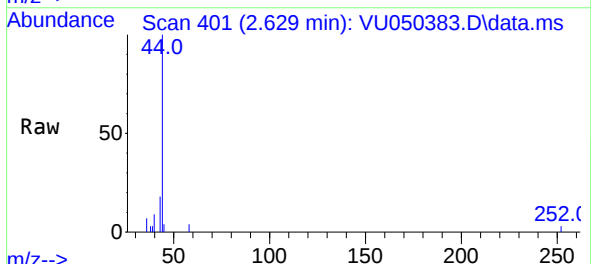
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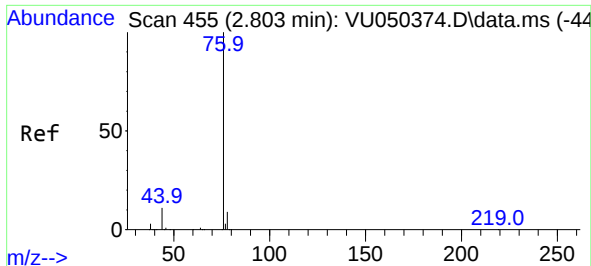
Tgt Ion: 53 Resp: 47
Ion Ratio Lower Upper
53 100
52 40.4 64.6 97.0#
51 0.0 30.7 46.1#



#13
Acetone
Concen: 0.894 ug/l
RT: 2.629 min Scan# 401
Delta R.T. -0.013 min
Lab File: VU050383.D
Acq: 19 Aug 2022 22:19

Tgt Ion: 43 Resp: 1675
Ion Ratio Lower Upper
43 100
58 24.2 26.2 39.2#

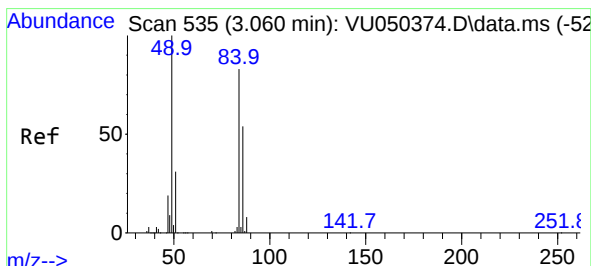
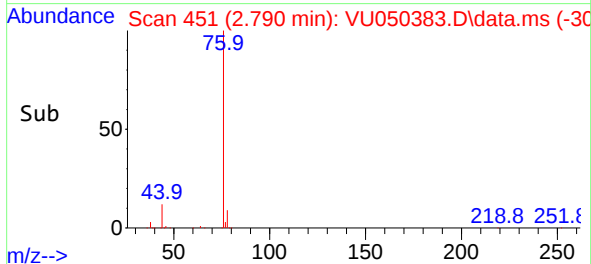
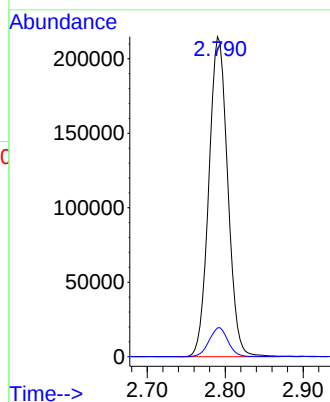
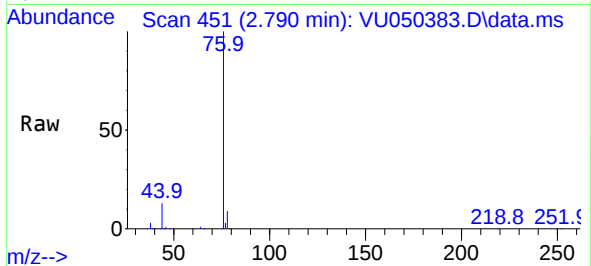




#14
Carbon Disulfide
Concen: 13.093 ug/l
RT: 2.790 min Scan# 41
Delta R.T. -0.013 min
Lab File: VU050383.D
Acq: 19 Aug 2022 22:19

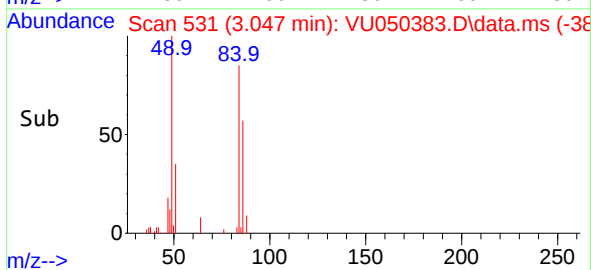
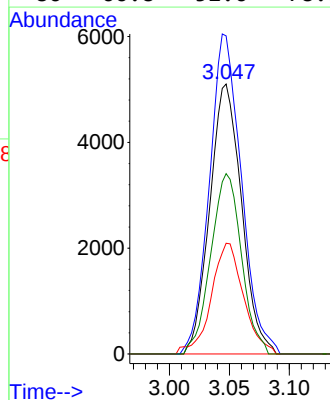
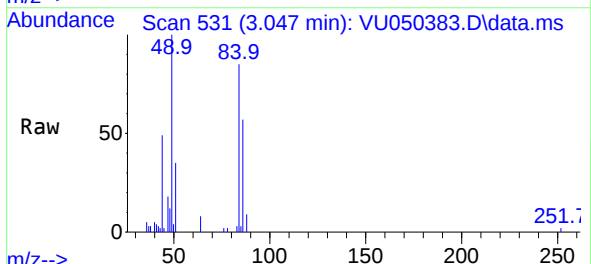
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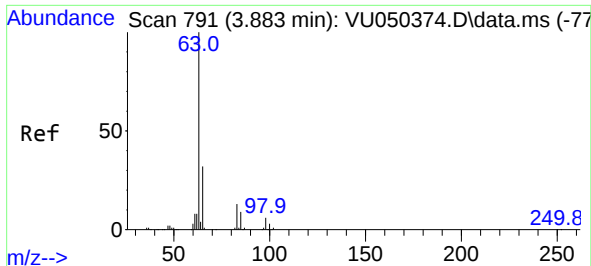
Tgt Ion: 76 Resp: 362218
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0



#15
Methylene Chloride
Concen: 0.777 ug/l
RT: 3.047 min Scan# 531
Delta R.T. -0.013 min
Lab File: VU050383.D
Acq: 19 Aug 2022 22:19

Tgt Ion: 84 Resp: 9395
Ion Ratio Lower Upper
84 100
49 117.8 104.6 157.0
51 41.0 0.0 81.4
86 66.8 52.6 78.8

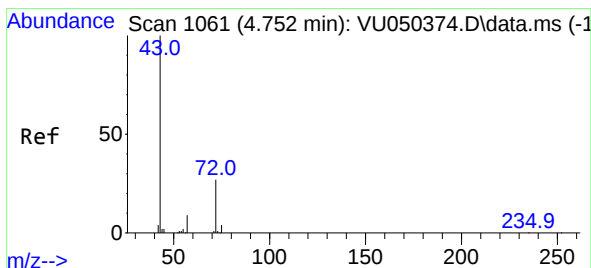
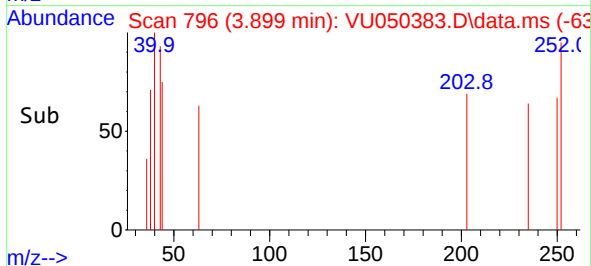
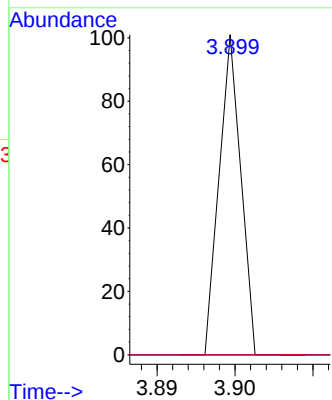
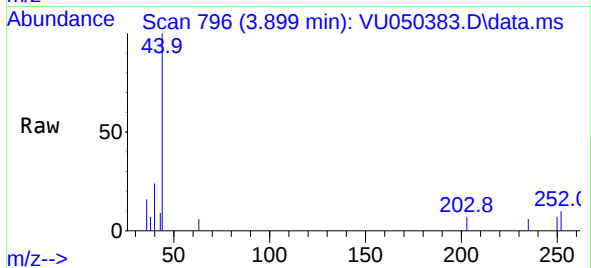




#17
1,1-Dichloroethane
Concen: 0.001 ug/l
RT: 3.899 min Scan# 791
Delta R.T. 0.016 min
Lab File: VU050383.D
Acq: 19 Aug 2022 22:19

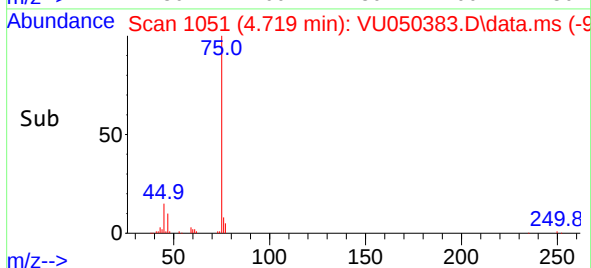
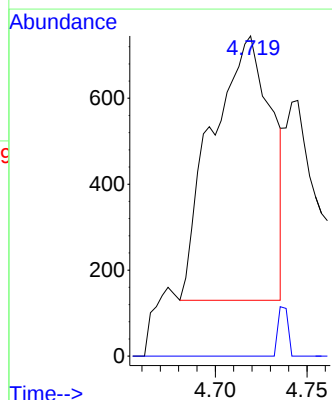
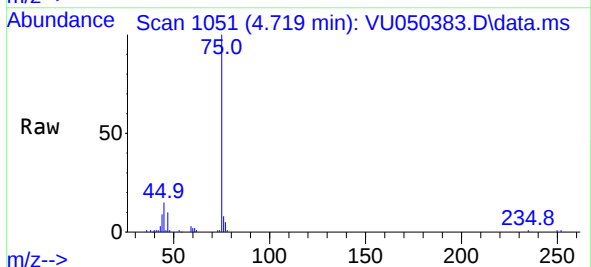
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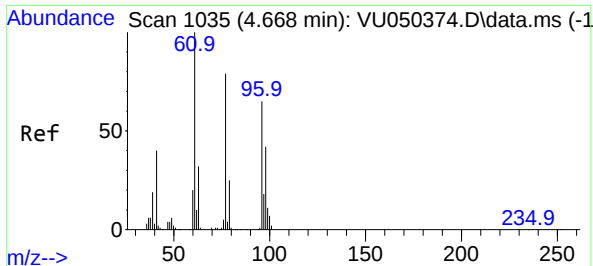
Tgt Ion: 63 Resp: 19
Ion Ratio Lower Upper
63 100
98 0.0 3.4 10.2#
100 0.0 2.0 6.0#



#18
2-Butanone
Concen: 0.470 ug/l
RT: 4.719 min Scan# 1051
Delta R.T. -0.032 min
Lab File: VU050383.D
Acq: 19 Aug 2022 22:19

Tgt Ion: 43 Resp: 1385
Ion Ratio Lower Upper
43 100
57 0.0 0.0 18.0

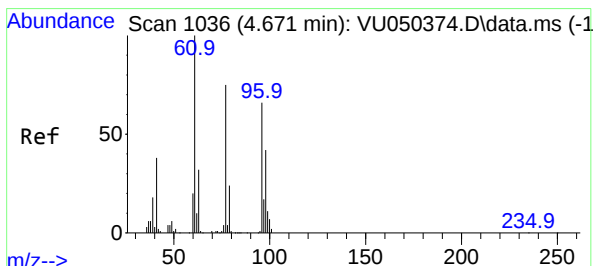
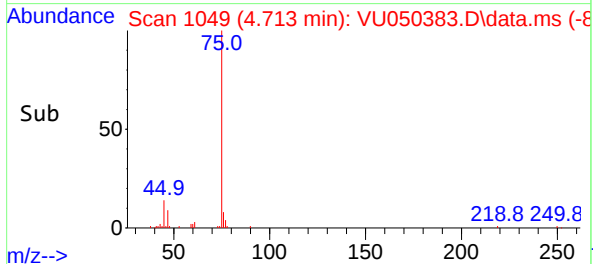
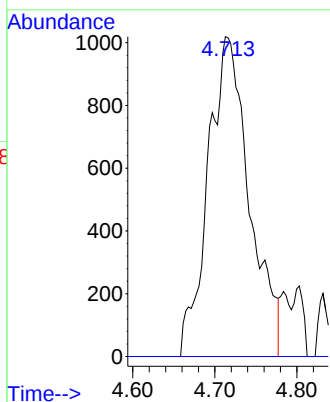
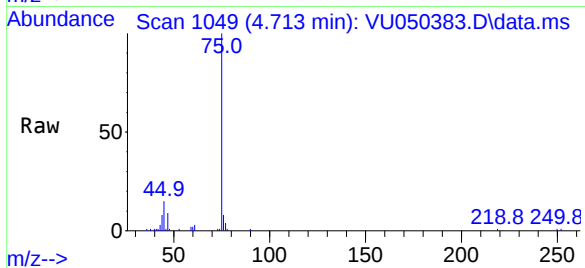




#21
2,2-Dichloropropane
Concen: 0.244 ug/l
RT: 4.713 min Scan# 1049
Delta R.T. 0.045 min
Lab File: VU050383.D
Acq: 19 Aug 2022 22:19

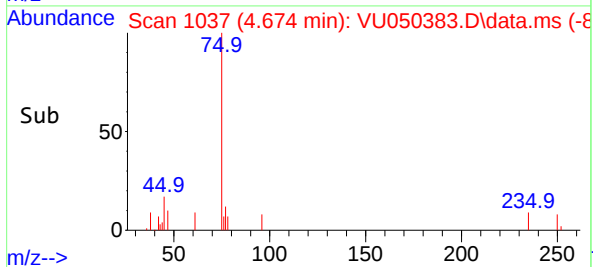
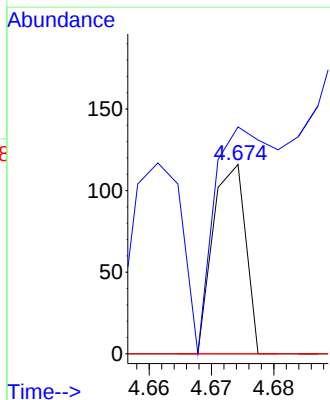
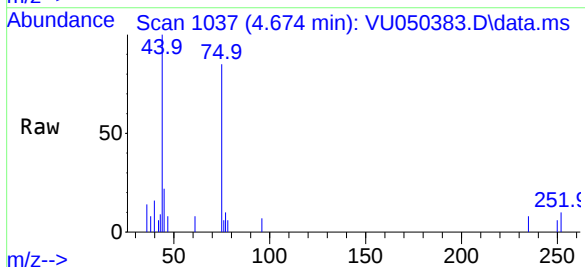
Instrument :
MSVOA_U
ClientSampleId :
WS-NAPHTHALENE

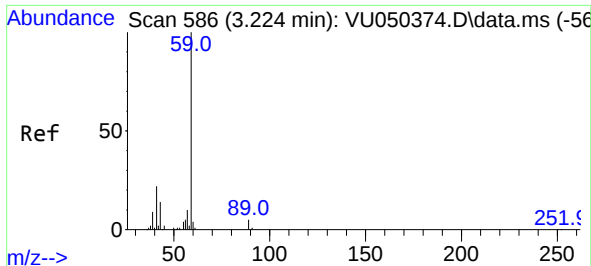
Tgt Ion: 77 Resp: 3572
Ion Ratio Lower Upper
77 100
97 0.0 18.5 27.7#



#22
cis-1,2-Dichloroethene
Concen: 0.004 ug/l
RT: 4.674 min Scan# 1037
Delta R.T. 0.003 min
Lab File: VU050383.D
Acq: 19 Aug 2022 22:19

Tgt Ion: 96 Resp: 42
Ion Ratio Lower Upper
96 100
61 235.7 0.0 375.8
98 0.0 31.6 95.0#

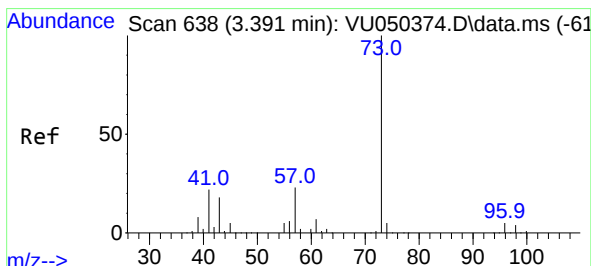
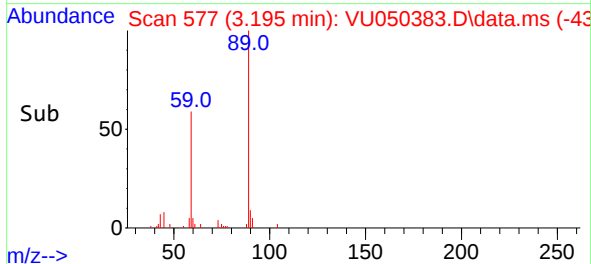
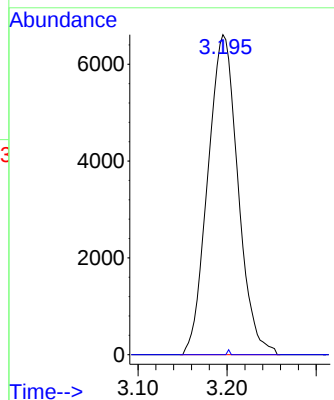
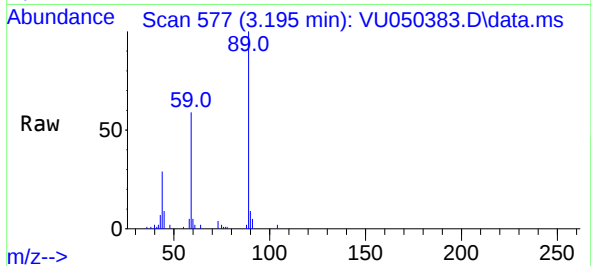




#24
tert-Butyl Alcohol
Concen: 19.183 ug/l
RT: 3.195 min Scan# 51
Delta R.T. -0.029 min
Lab File: VU050383.D
Acq: 19 Aug 2022 22:19

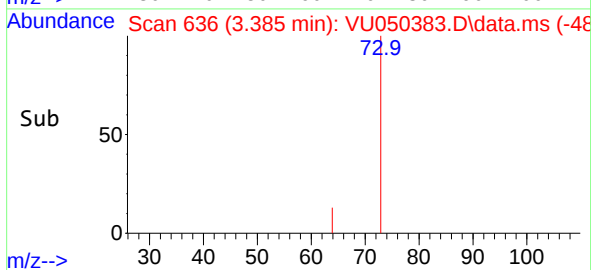
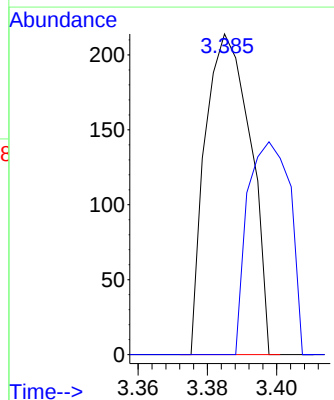
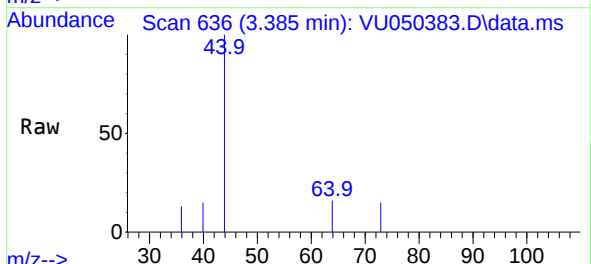
Instrument :
MSVOA_U
ClientSampleId :
WS-NAPHTHALENE

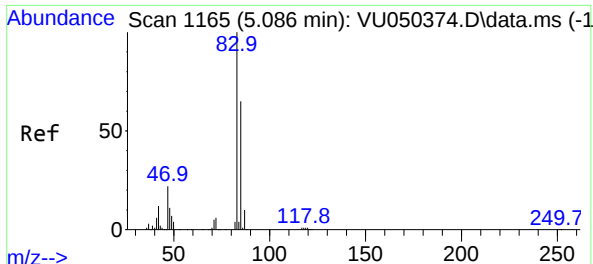
Tgt Ion: 59 Resp: 15567
Ion Ratio Lower Upper
59 100
57 0.1 8.2 12.2#



#25
Methyl tert-Butyl Ether
Concen: 0.008 ug/l
RT: 3.385 min Scan# 636
Delta R.T. -0.007 min
Lab File: VU050383.D
Acq: 19 Aug 2022 22:19

Tgt Ion: 73 Resp: 194
Ion Ratio Lower Upper
73 100
43 62.4 15.9 23.9#

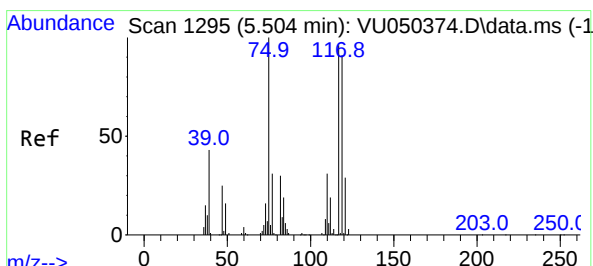
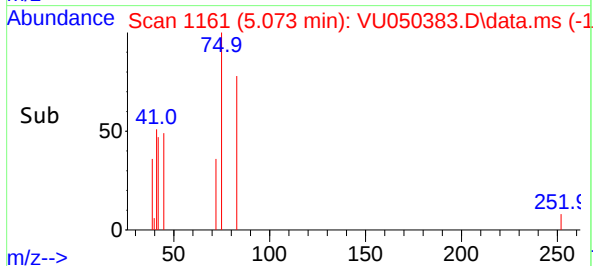
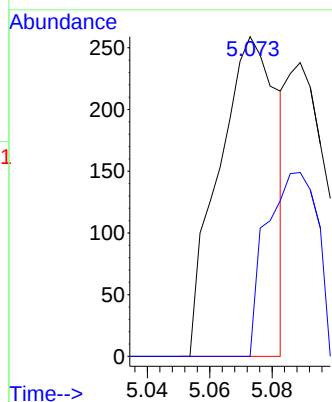
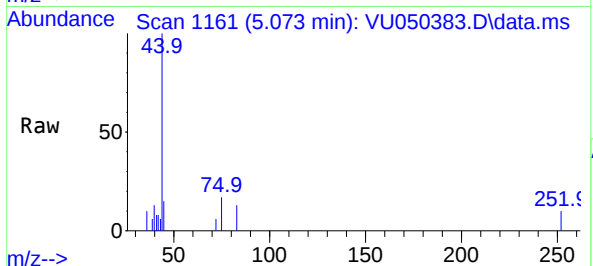




#27
Chloroform
Concen: 0.018 ug/l
RT: 5.073 min Scan# 1165
Delta R.T. -0.013 min
Lab File: VU050383.D
Acq: 19 Aug 2022 22:19

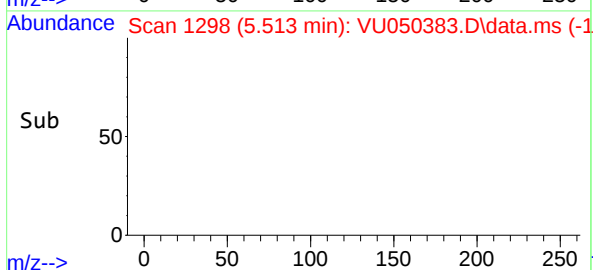
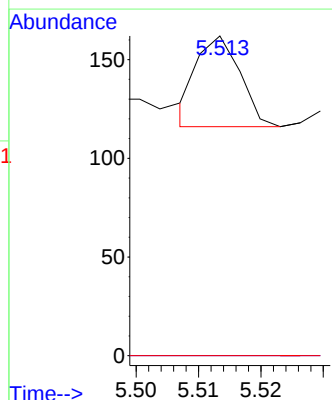
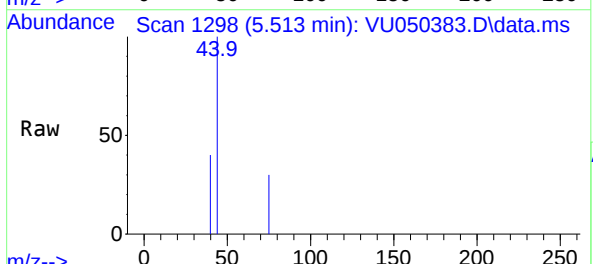
Instrument :
MSVOA_U
ClientSampleId :
WS-NAPHTHALENE

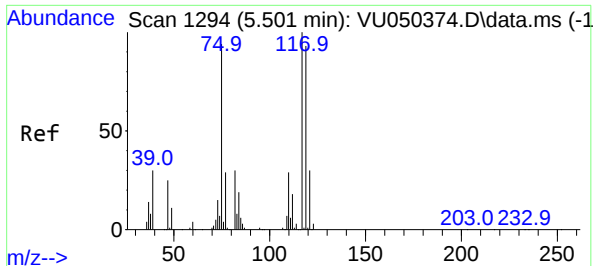
Tgt Ion: 83 Resp: 337
Ion Ratio Lower Upper
83 100
85 0.0 0.0 133.6



#29
1,1-Dichloropropene
Concen: 0.002 ug/l
RT: 5.513 min Scan# 1298
Delta R.T. 0.010 min
Lab File: VU050383.D
Acq: 19 Aug 2022 22:19

Tgt Ion: 75 Resp: 22
Ion Ratio Lower Upper
75 100
110 0.0 17.3 52.0#
77 0.0 24.6 37.0#

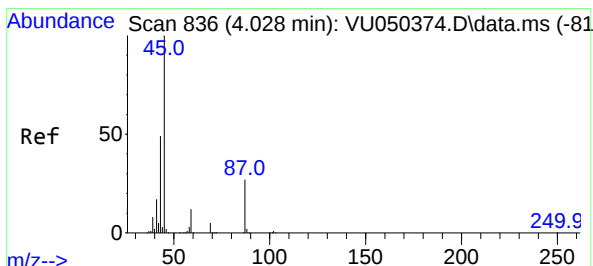
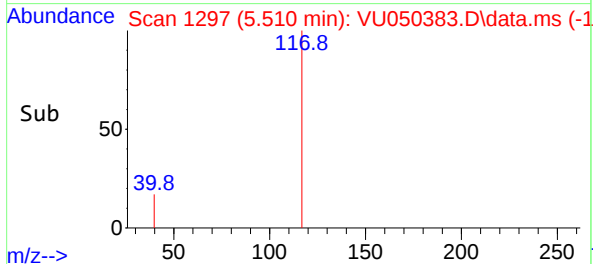
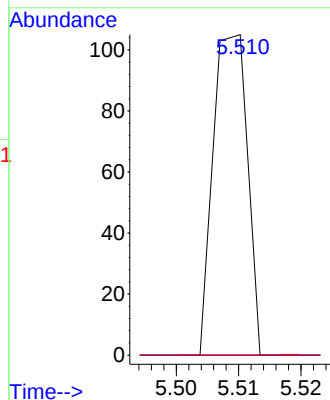
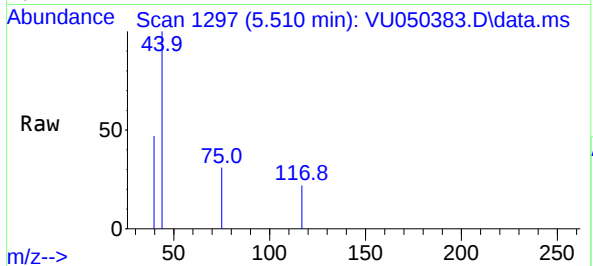




#30
Carbon Tetrachloride
Concen: 0.003 ug/l
RT: 5.510 min Scan# 117
Delta R.T. 0.010 min
Lab File: VU050383.D
Acq: 19 Aug 2022 22:19

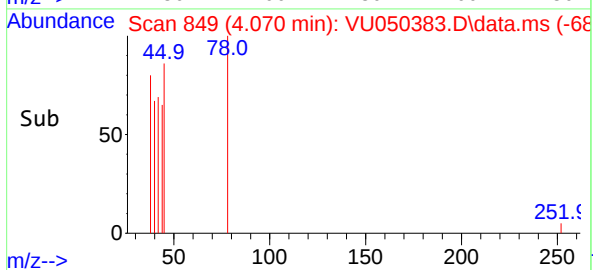
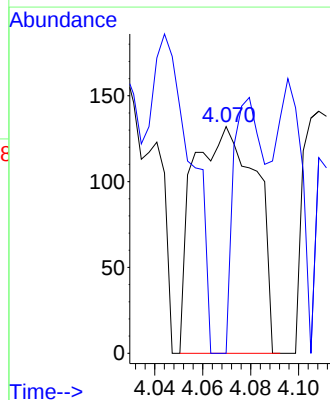
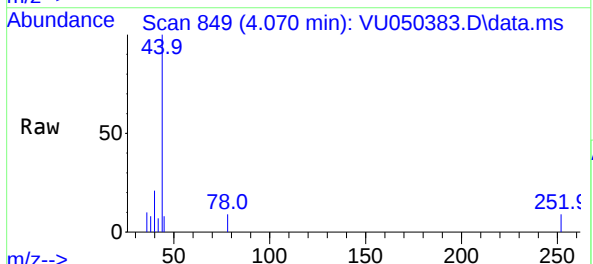
Instrument :
MSVOA_U
ClientSampleId :
WS-NAPHTHALENE

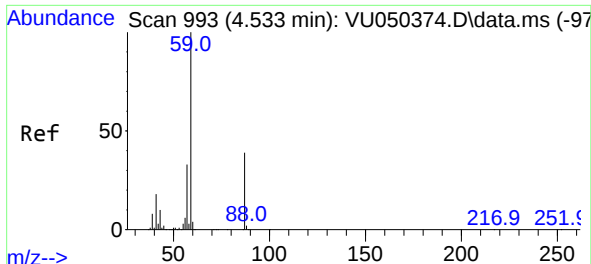
Tgt Ion:117 Resp: 40
Ion Ratio Lower Upper
117 100
119 0.0 74.6 112.0#
121 0.0 24.2 36.4#



#31
Isopropyl Ether
Concen: 0.008 ug/l
RT: 4.070 min Scan# 849
Delta R.T. 0.042 min
Lab File: VU050383.D
Acq: 19 Aug 2022 22:19

Tgt Ion: 45 Resp: 241
Ion Ratio Lower Upper
45 100
43 52.3 23.8 71.2

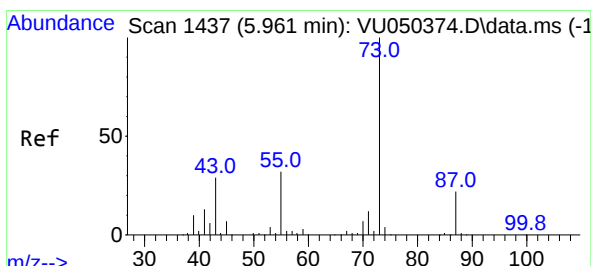
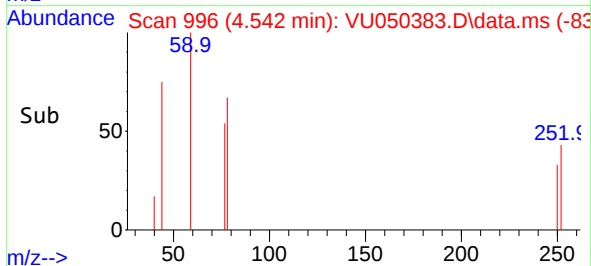
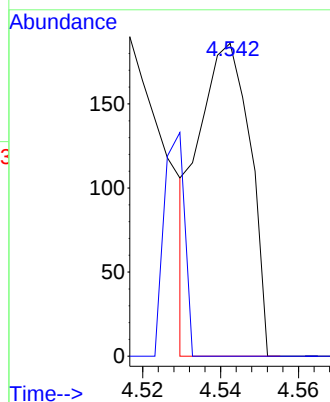
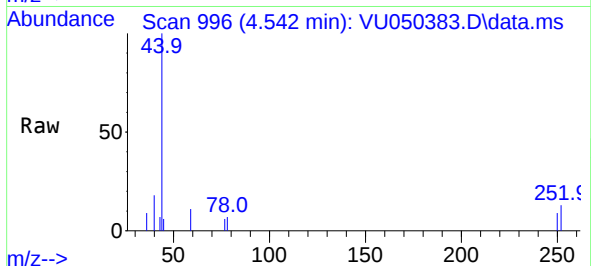




#32
Ethyl-t-butyl ether
Concen: 0.007 ug/l
RT: 4.542 min Scan# 993
Delta R.T. 0.010 min
Lab File: VU050383.D
Acq: 19 Aug 2022 22:19

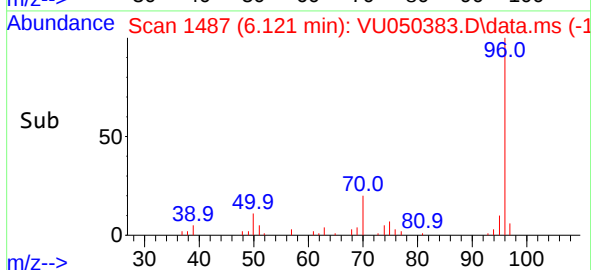
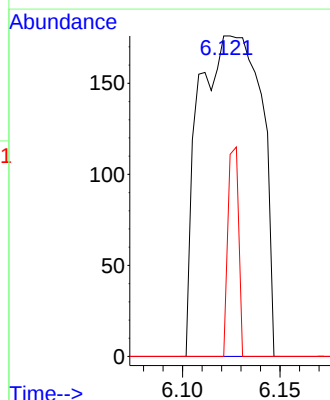
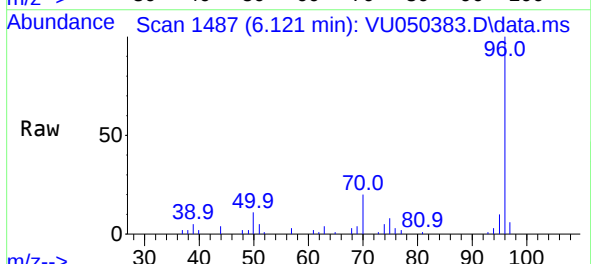
Instrument :
MSVOA_U
ClientSampleId :
WS-NAPHTHALENE

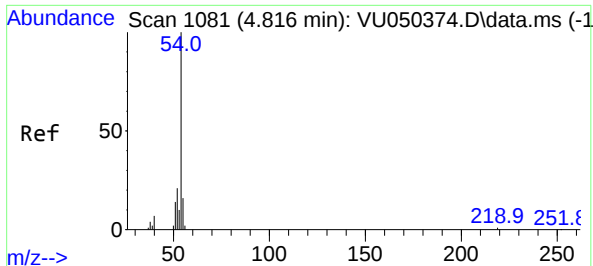
Tgt Ion: 59 Resp: 172
Ion Ratio Lower Upper
59 100
87 0.0 32.5 48.7#



#33
Tert-Amyl methyl ether
Concen: 0.026 ug/l
RT: 6.121 min Scan# 1487
Delta R.T. 0.161 min
Lab File: VU050383.D
Acq: 19 Aug 2022 22:19

Tgt Ion: 73 Resp: 390
Ion Ratio Lower Upper
73 100
87 0.0 19.7 29.5#
71 11.3 9.0 13.4



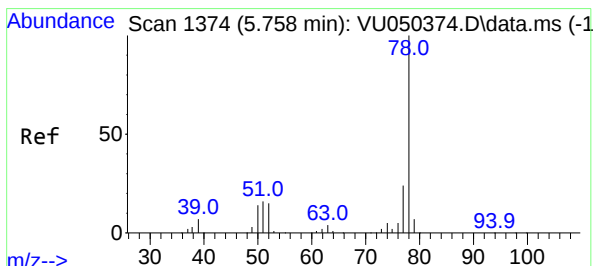
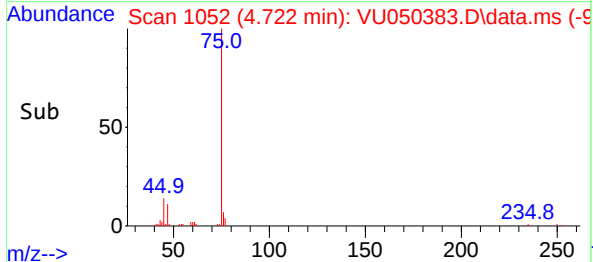
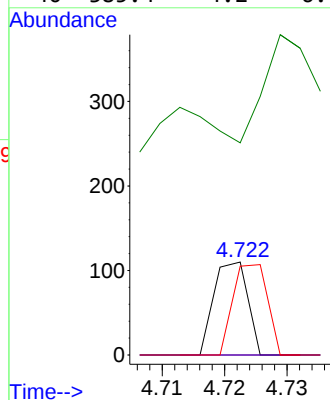
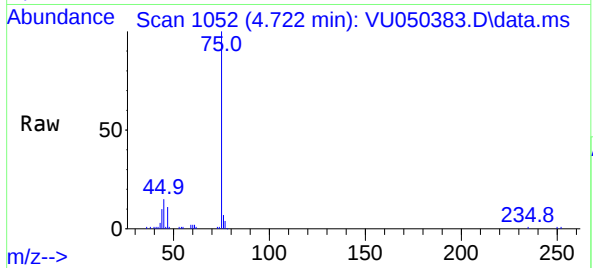


#34
 Propionitrile
 Concen: 0.047 ug/l
 RT: 4.722 min Scan# 1052
 Delta R.T. -0.093 min
 Lab File: VU050383.D
 Acq: 19 Aug 2022 22:19

Instrument :
 MSVOA_U
 ClientSampleId :
 WS-NAPHTHALENE

Tgt Ion: 54 Resp: 41

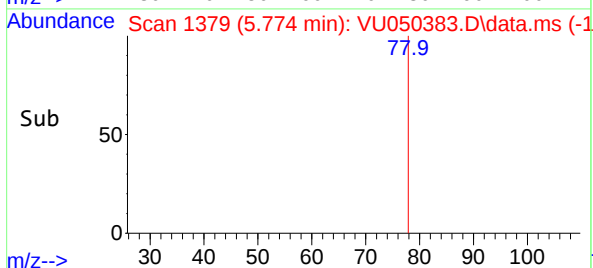
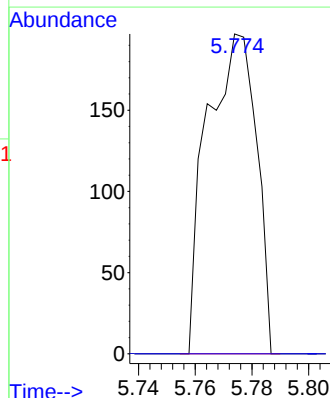
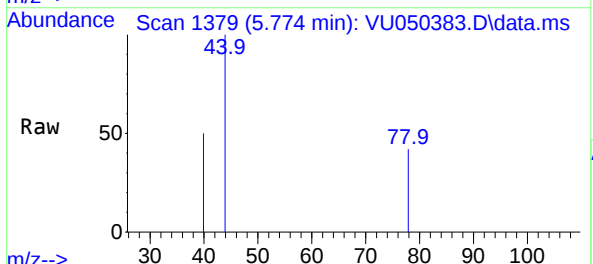
Ion	Ratio	Lower	Upper
54	100		
52	0.0	15.0	22.6#
55	100.0	12.6	19.0#
40	385.4	4.2	6.4#

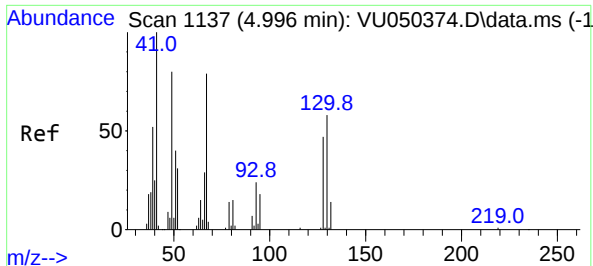


#35
 Benzene
 Concen: 0.006 ug/l
 RT: 5.774 min Scan# 1379
 Delta R.T. 0.016 min
 Lab File: VU050383.D
 Acq: 19 Aug 2022 22:19

Tgt Ion: 78 Resp: 237

Ion	Ratio	Lower	Upper
78	100		
77	0.0	18.6	28.0#

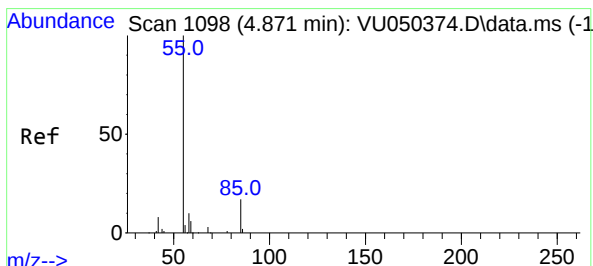
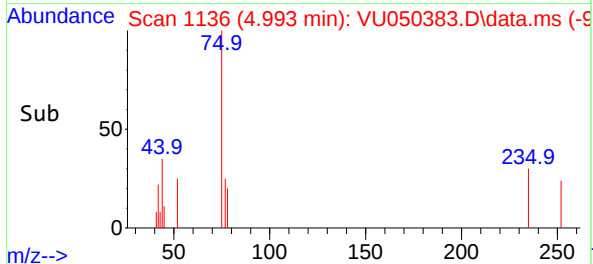
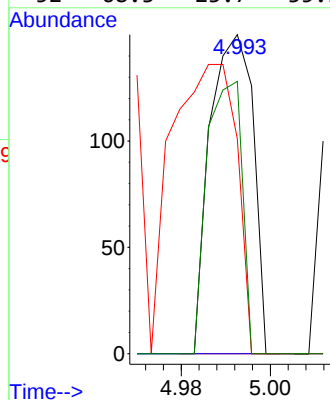
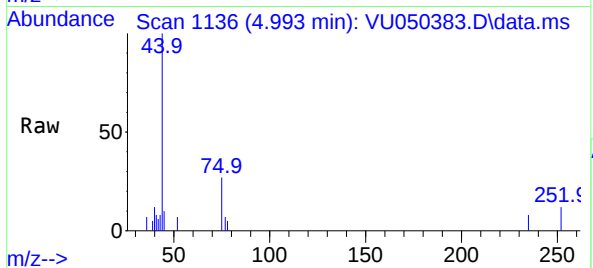




#39
Methacrylonitrile
Concen: 0.028 ug/l
RT: 4.993 min Scan# 1137
Delta R.T. -0.003 min
Lab File: VU050383.D
Acq: 19 Aug 2022 22:19

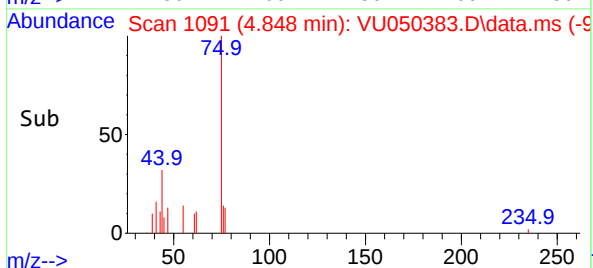
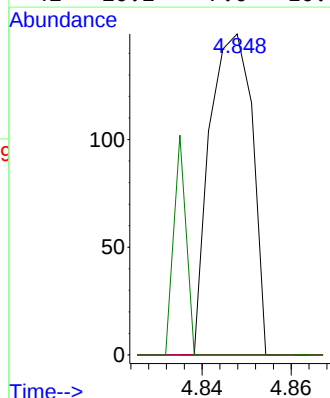
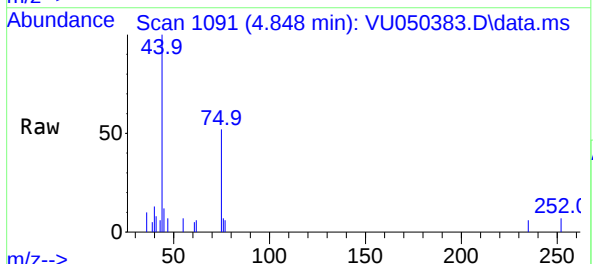
Instrument :
MSVOA_U
ClientSampleId :
WS-NAPHTHALENE

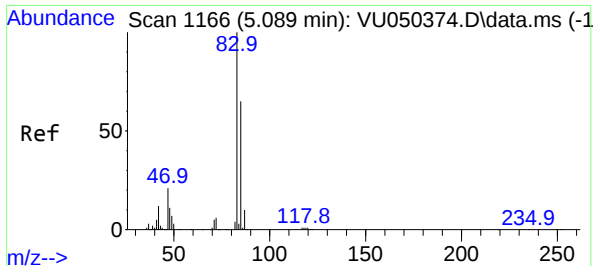
Tgt Ion: 41	Resp: 101
Ion Ratio	Lower Upper
41 100	
67 0.0	59.4 89.0#
39 135.6	42.2 63.2#
52 68.3	23.7 35.5#



#40
Methyl acrylate
Concen: 0.018 ug/l
RT: 4.848 min Scan# 1091
Delta R.T. -0.023 min
Lab File: VU050383.D
Acq: 19 Aug 2022 22:19

Tgt Ion: 55	Resp: 99
Ion Ratio	Lower Upper
55 100	
85 0.0	13.5 20.3#
58 0.0	7.0 10.4#
42 20.2	7.0 10.6#

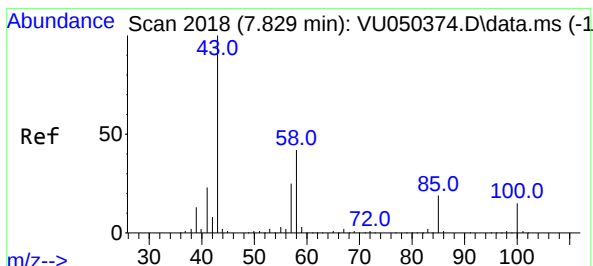
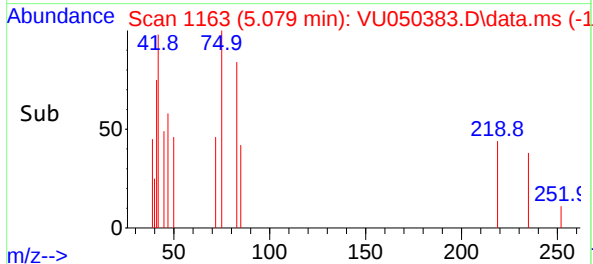
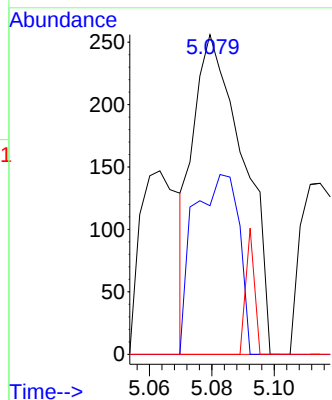
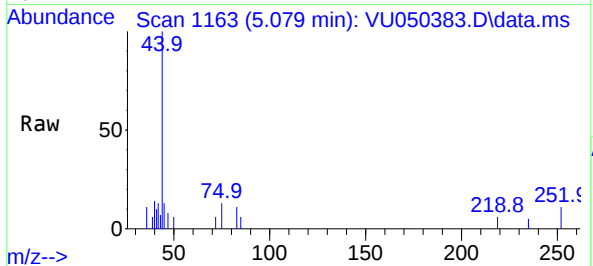




#41
Tetrahydrofuran
Concen: 0.162 ug/l
RT: 5.079 min Scan# 1166
Delta R.T. -0.010 min
Lab File: VU050383.D
Acq: 19 Aug 2022 22:19

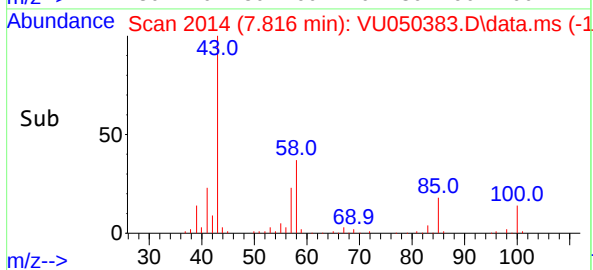
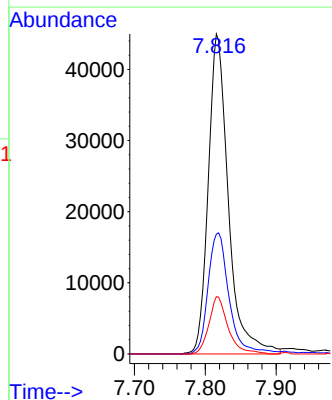
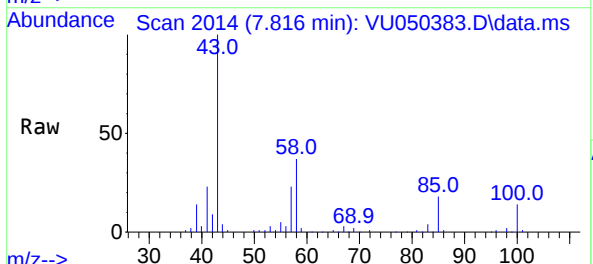
Instrument :
MSVOA_U
ClientSampleId :
WS-NAPHTHALENE

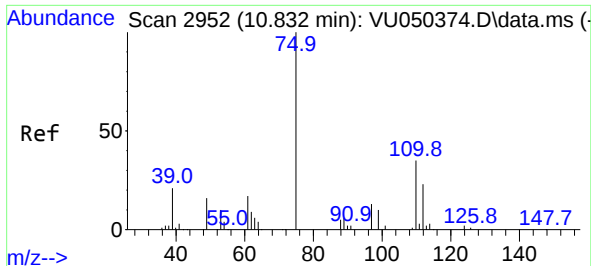
Tgt Ion: 42 Resp: 289
Ion Ratio Lower Upper
42 100
72 49.8 38.9 58.3
71 6.6 33.7 50.5#



#45
4-Methyl-2-Pentanone
Concen: 16.335 ug/l
RT: 7.816 min Scan# 2014
Delta R.T. -0.013 min
Lab File: VU050383.D
Acq: 19 Aug 2022 22:19

Tgt Ion: 43 Resp: 88811
Ion Ratio Lower Upper
43 100
58 39.4 20.3 61.0
85 17.0 14.6 21.8

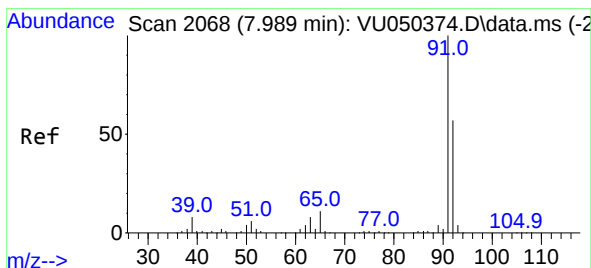
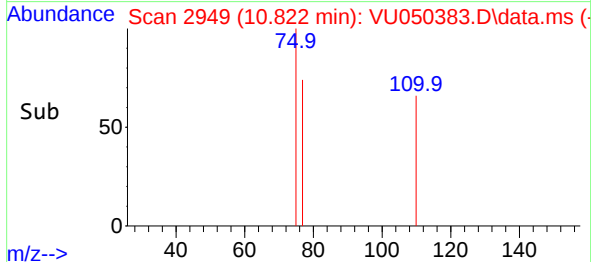
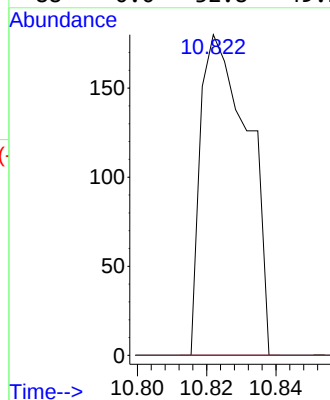
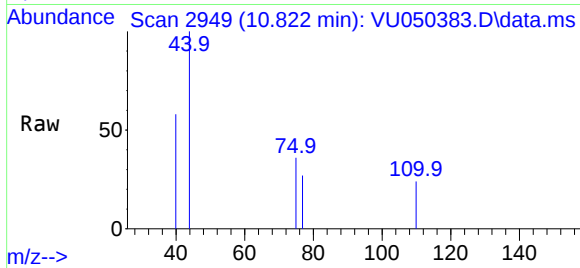




#46
t-1,4-Dichloro-2-butene
Concen: 0.575 ug/l
RT: 10.822 min Scan# 2952
Delta R.T. -0.010 min
Lab File: VU050383.D
Acq: 19 Aug 2022 22:19

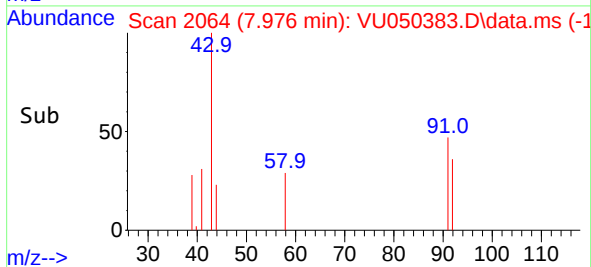
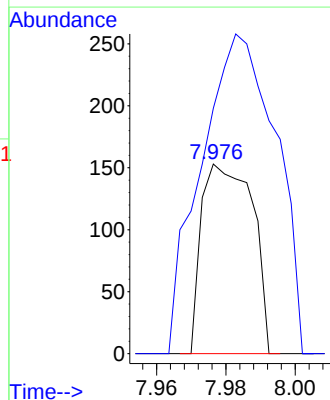
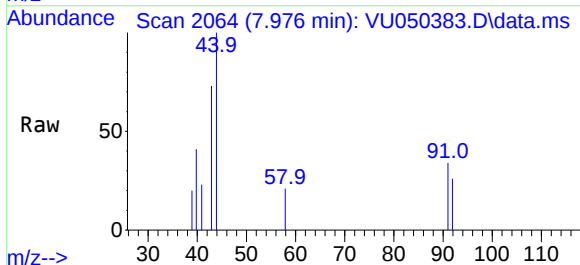
Instrument :
MSVOA_U
ClientSampleId :
WS-NAPHTHALENE

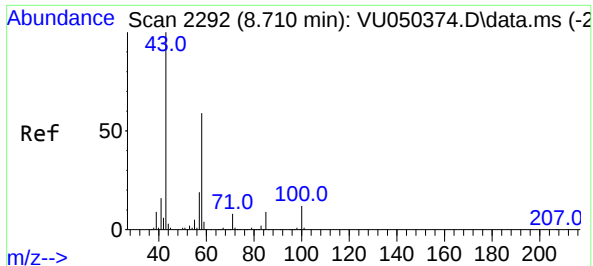
Tgt Ion: 75	Resp:	171
Ion	Ratio	Lower Upper
75	100	
53	0.0	64.4 96.6#
89	0.0	44.2 66.2#
88	0.0	32.8 49.2#



#49
Toluene
Concen: 0.008 ug/l
RT: 7.976 min Scan# 2064
Delta R.T. -0.013 min
Lab File: VU050383.D
Acq: 19 Aug 2022 22:19

Tgt Ion: 92	Resp:	156
Ion	Ratio	Lower Upper
92	100	
91	247.4	138.6 207.8#

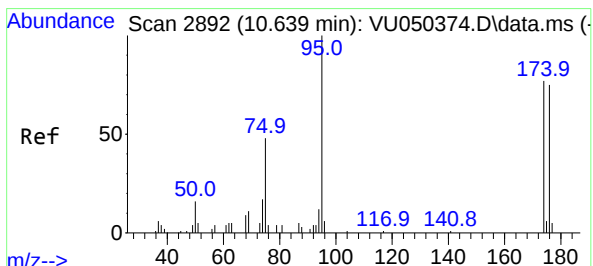
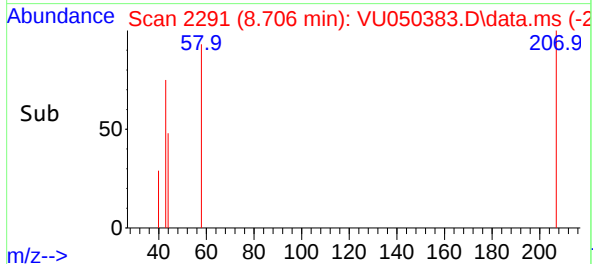
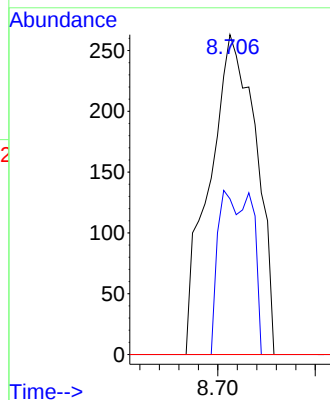
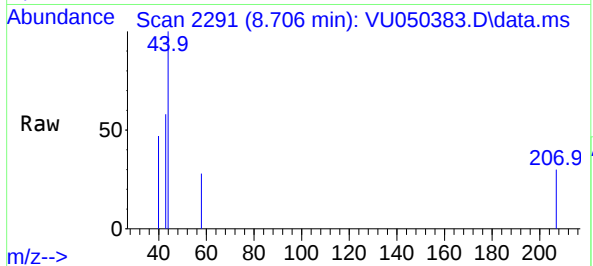




#54
2-Hexanone
Concen: 0.116 ug/l
RT: 8.706 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU050383.D
Acq: 19 Aug 2022 22:19

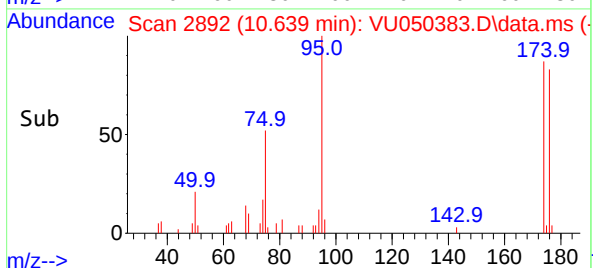
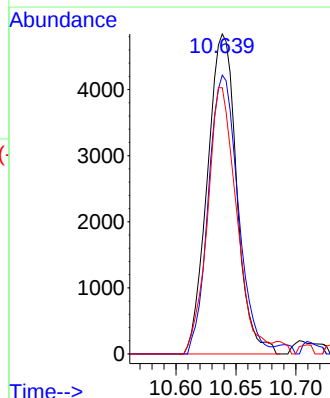
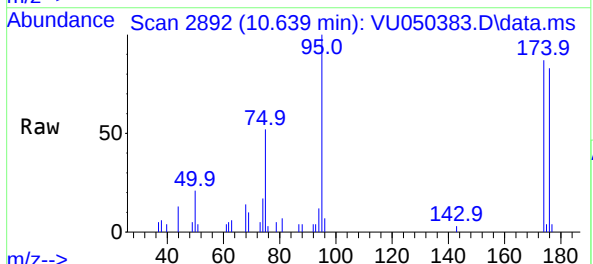
Instrument :
MSVOA_U
ClientSampleId :
WS-NAPHTHALENE

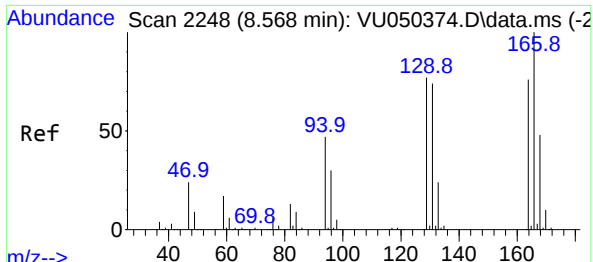
Tgt Ion: 43 Resp: 438
Ion Ratio Lower Upper
43 100
58 21.0 37.1 77.1#
57 0.0 0.0 39.5



#57
4-Bromofluorobenzene
Concen: 0.796 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU050383.D
Acq: 19 Aug 2022 22:19

Tgt Ion: 95 Resp: 8214
Ion Ratio Lower Upper
95 100
174 88.6 62.4 93.6
176 82.6 56.2 84.2



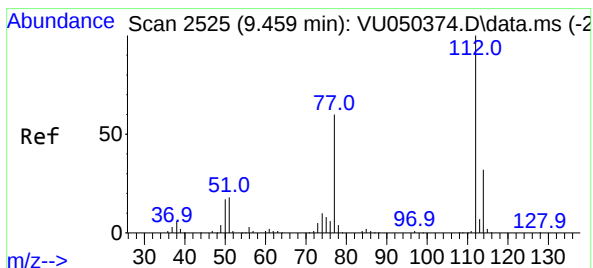
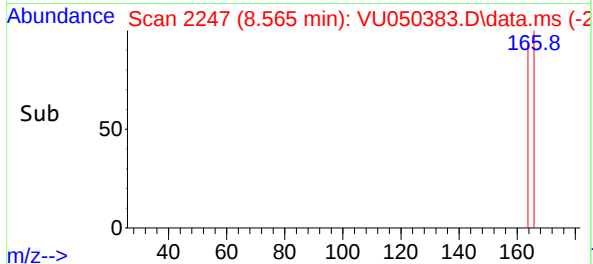
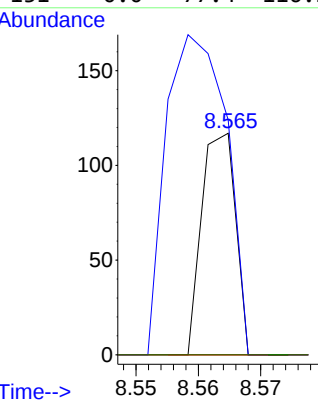
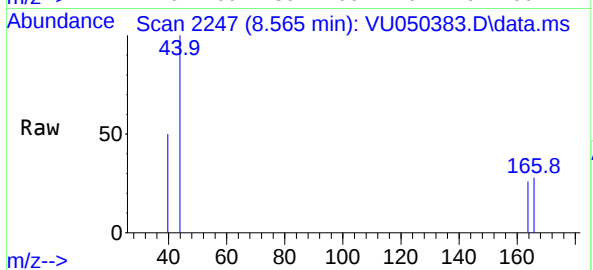


#58
Tetrachloroethene
Concen: 0.005 ug/l
RT: 8.565 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU050383.D
Acq: 19 Aug 2022 22:19

Instrument :
MSVOA_U
ClientSampleId :
WS-NAPHTHALENE

Tgt Ion:164 Resp: 44

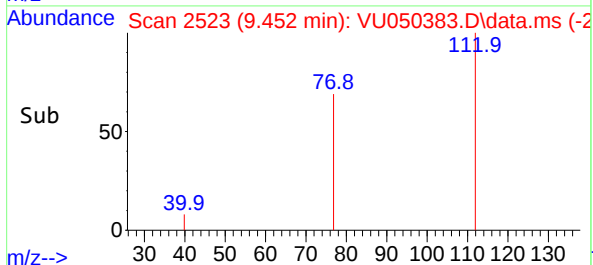
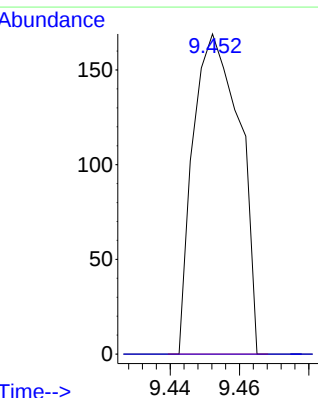
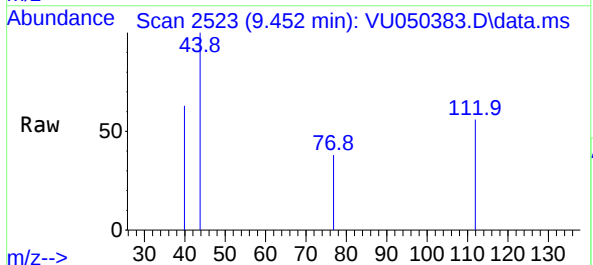
Ion	Ratio	Lower	Upper
164	100		
166	106.0	102.4	153.6
129	0.0	79.5	119.3#
131	0.0	77.4	116.2#

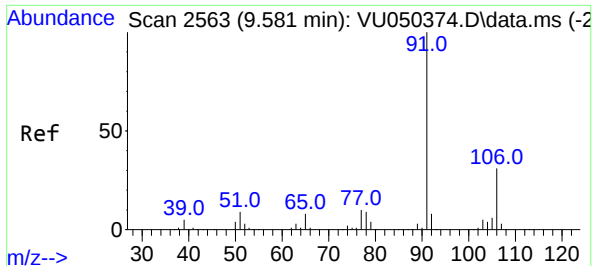


#59
Chlorobenzene
Concen: 0.007 ug/l
RT: 9.452 min Scan# 2523
Delta R.T. -0.007 min
Lab File: VU050383.D
Acq: 19 Aug 2022 22:19

Tgt Ion:112 Resp: 158

Ion	Ratio	Lower	Upper
112	100		
114	0.0	24.9	37.3#





#63

Ethyl Benzene

Concen: 0.580 ug/l

RT: 9.706 min Scan# 2

Delta R.T. 0.125 min

Lab File: VU050383.D

Acq: 19 Aug 2022 22:19

Instrument :

MSVOA_U

ClientSampleId :

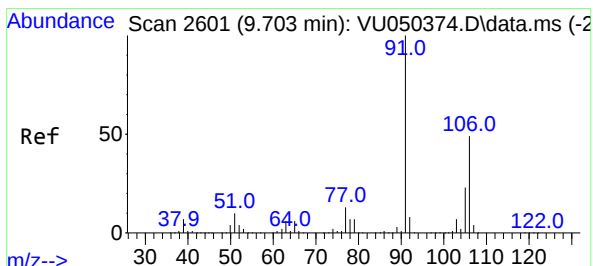
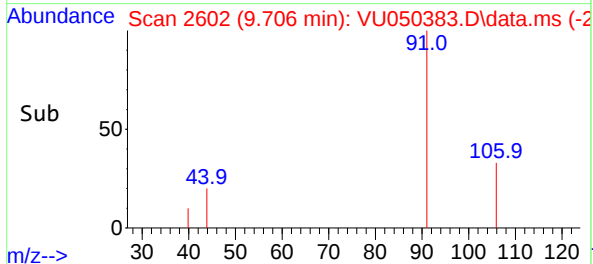
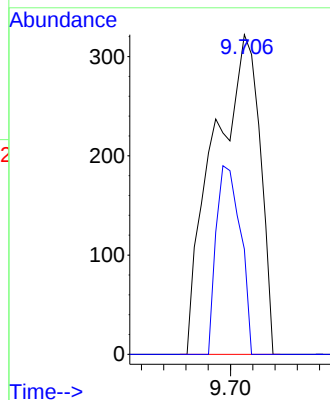
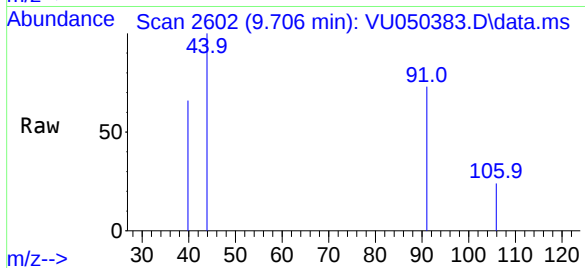
WS-NAPHTHALENE

Tgt Ion: 91 Resp: 461

Ion Ratio Lower Upper

91 100

106 32.9 24.4 36.6



#64

m/p-Xylenes

Concen: 1.092 ug/l

RT: 9.697 min Scan# 2599

Delta R.T. -0.006 min

Lab File: VU050383.D

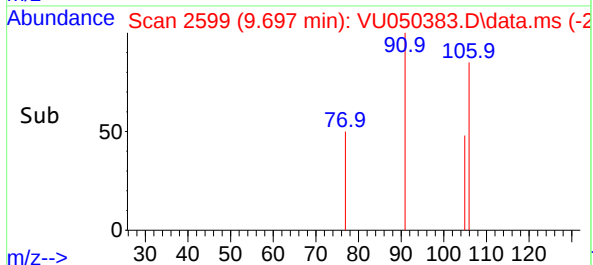
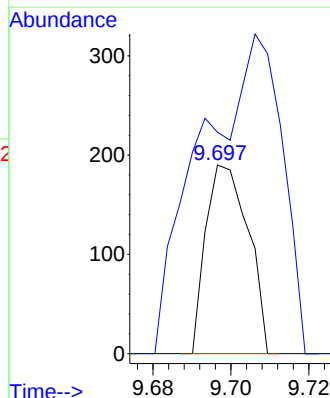
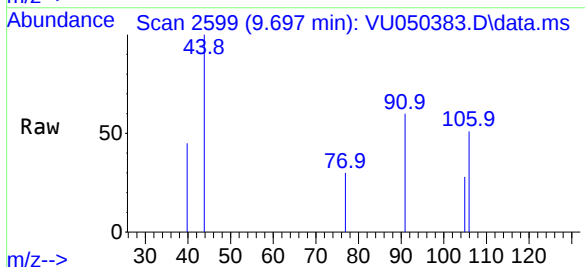
Acq: 19 Aug 2022 22:19

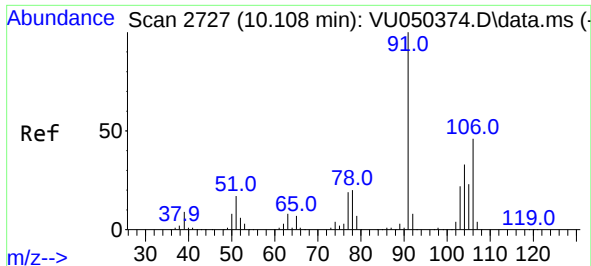
Tgt Ion: 106 Resp: 144

Ion Ratio Lower Upper

106 100

91 320.1 167.8 251.6#

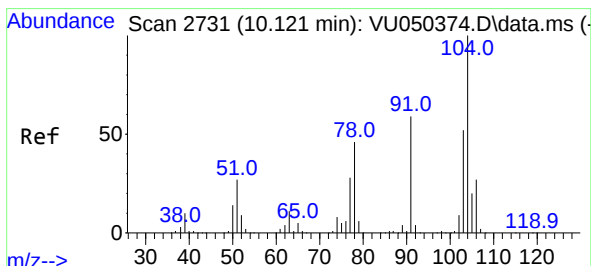
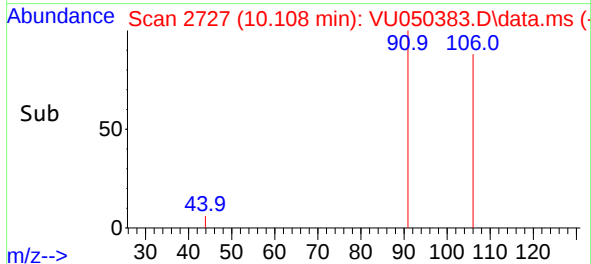
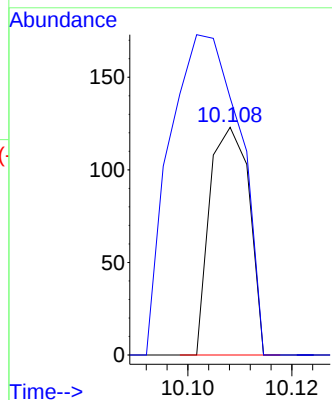
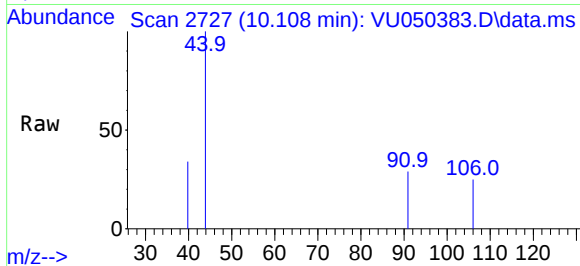




#65
o-Xylene
Concen: 0.515 ug/l
RT: 10.108 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU050383.D
Acq: 19 Aug 2022 22:19

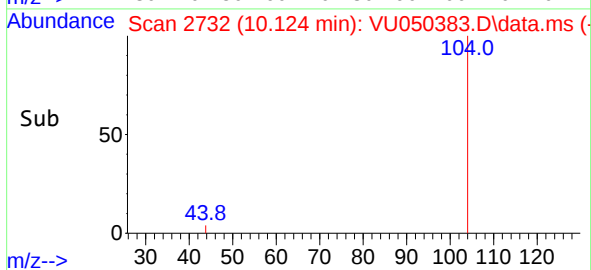
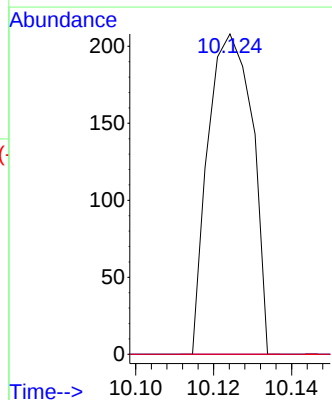
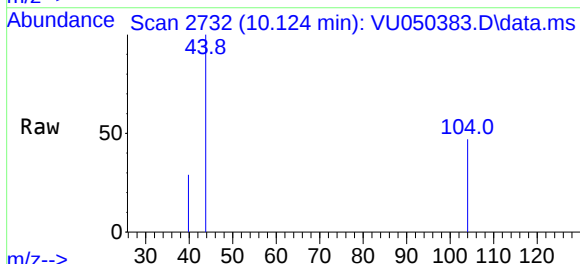
Instrument :
MSVOA_U
ClientSampleId :
WS-NAPHTHALENE

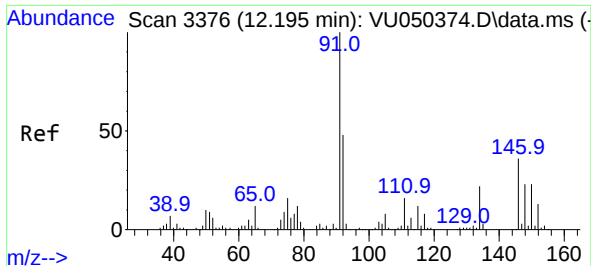
Tgt Ion:106 Resp: 64
Ion Ratio Lower Upper
106 100
91 251.6 111.1 333.2



#66
Styrene
Concen: 0.606 ug/l
RT: 10.124 min Scan# 2732
Delta R.T. 0.003 min
Lab File: VU050383.D
Acq: 19 Aug 2022 22:19

Tgt Ion:104 Resp: 164
Ion Ratio Lower Upper
104 100
78 0.0 42.1 63.1#
103 0.0 44.5 66.7#

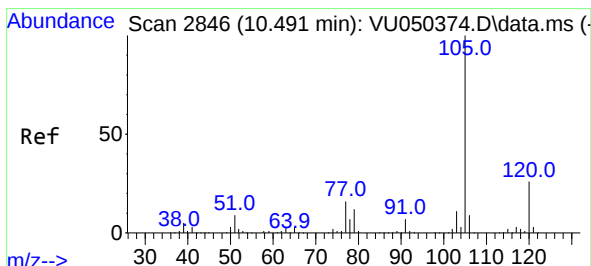
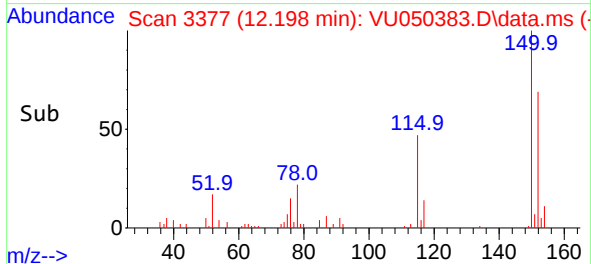
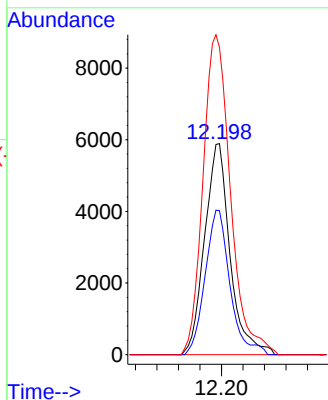
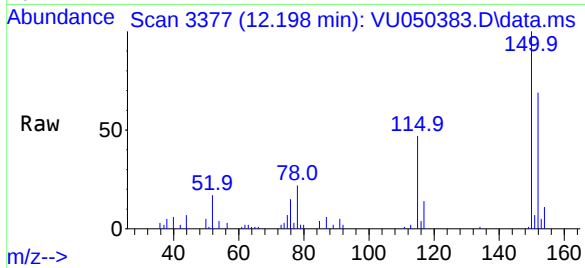




#68
1,2-Dichlorobenzene-d4
Concen: 0.793 ug/l
RT: 12.198 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU050383.D
Acq: 19 Aug 2022 22:19

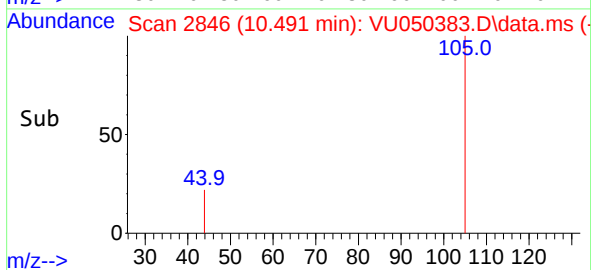
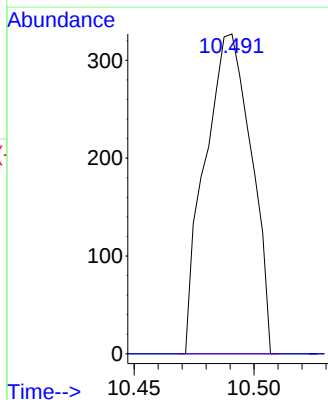
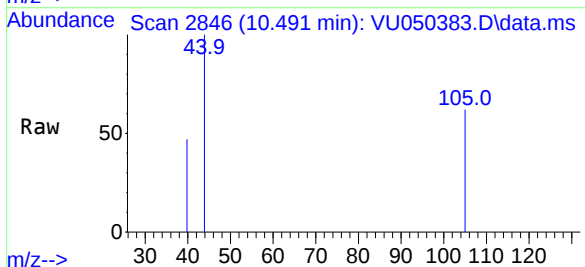
Instrument :
MSVOA_U
ClientSampleId :
WS-NAPHTHALENE

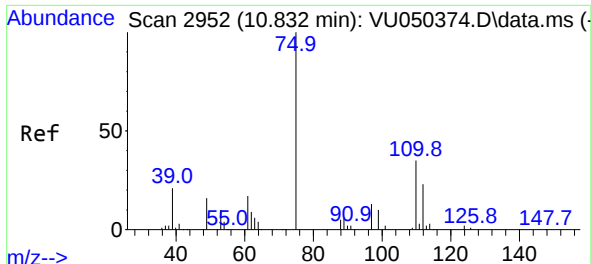
Tgt Ion:152 Resp: 9678
Ion Ratio Lower Upper
152 100
115 66.8 0.0 254.6
150 163.5 0.0 623.6



#69
Isopropylbenzene
Concen: 0.013 ug/l
RT: 10.491 min Scan# 2846
Delta R.T. -0.000 min
Lab File: VU050383.D
Acq: 19 Aug 2022 22:19

Tgt Ion:105 Resp: 438
Ion Ratio Lower Upper
105 100
120 0.0 12.6 37.8#



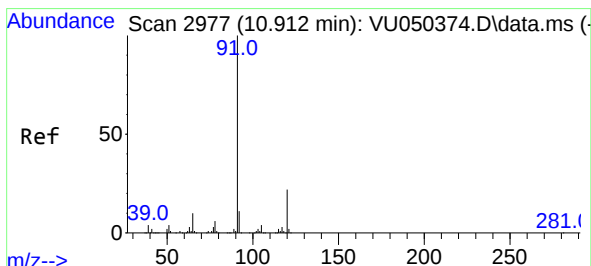
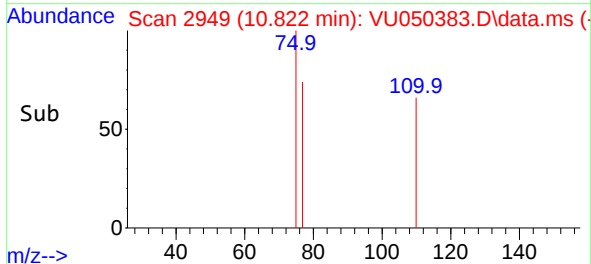
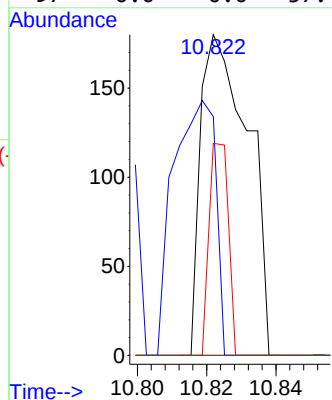
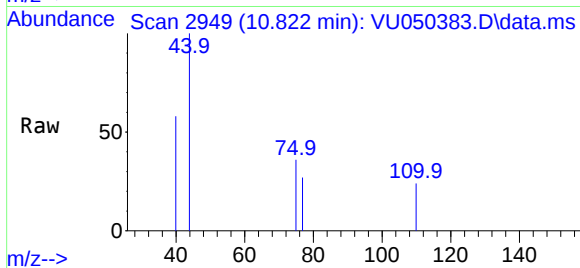


#71
1,2,3-Trichloropropane
Concen: 0.021 ug/l
RT: 10.822 min Scan# 2952
Delta R.T. -0.010 min
Lab File: VU050383.D
Acq: 19 Aug 2022 22:19

Instrument :
MSVOA_U
ClientSampleId :
WS-NAPHTHALENE

Tgt Ion: 75 Resp: 171

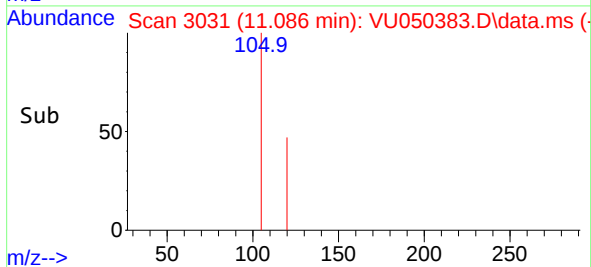
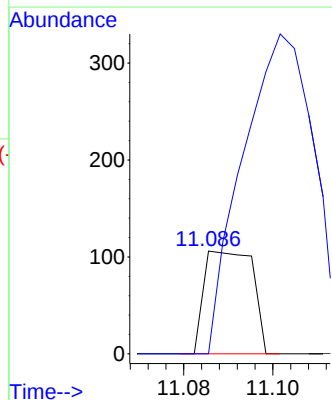
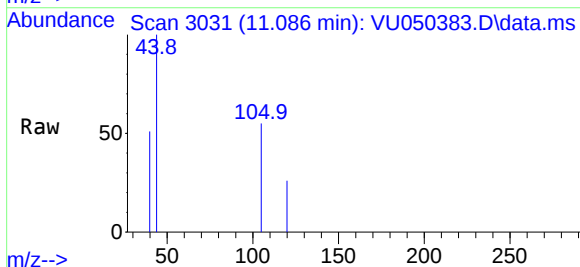
Ion	Ratio	Lower	Upper
75	100		
77	70.8	0.0	112.4
110	26.9	0.0	70.6
97	0.0	0.0	37.4

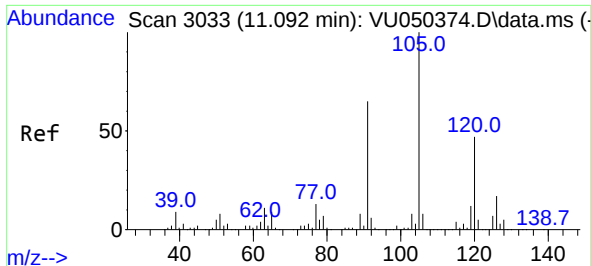


#73
n-propylbenzene
Concen: 0.598 ug/l
RT: 11.086 min Scan# 3031
Delta R.T. 0.174 min
Lab File: VU050383.D
Acq: 19 Aug 2022 22:19

Tgt Ion: 120 Resp: 80

Ion	Ratio	Lower	Upper
120	100		
91	453.7	367.8	551.6

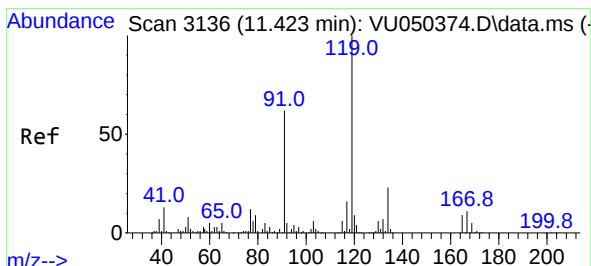
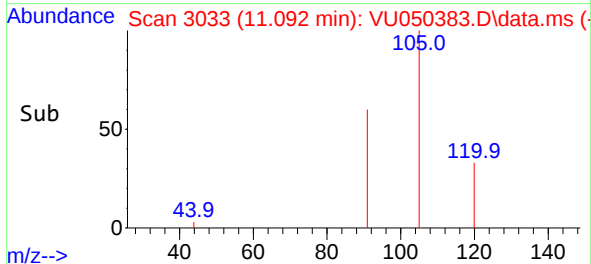
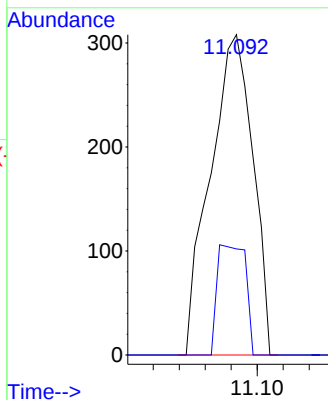
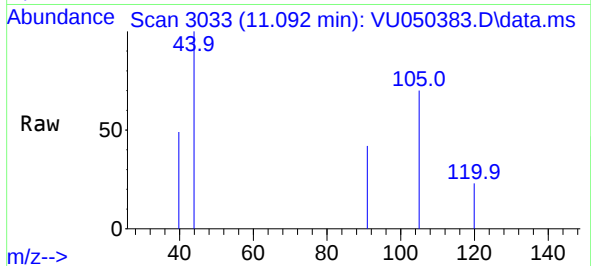




#75
1,3,5-Trimethylbenzene
Concen: 0.532 ug/l
RT: 11.092 min Scan# 3033
Delta R.T. 0.000 min
Lab File: VU050383.D
Acq: 19 Aug 2022 22:19

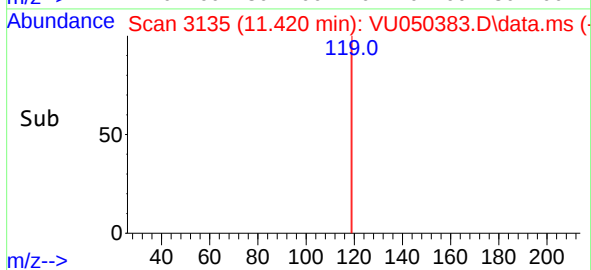
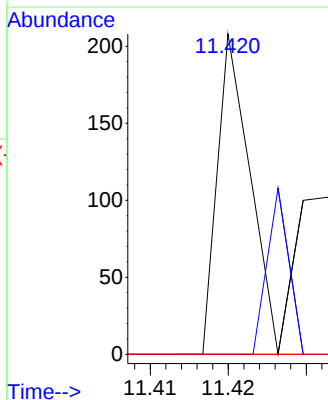
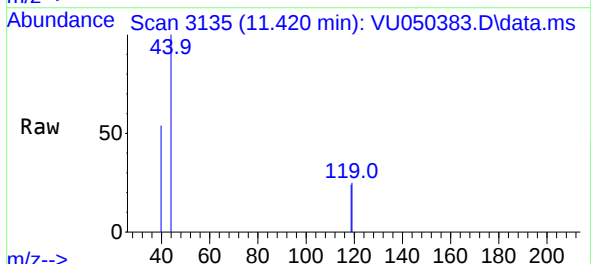
Instrument :
MSVOA_U
ClientSampleId :
WS-NAPHTHALENE

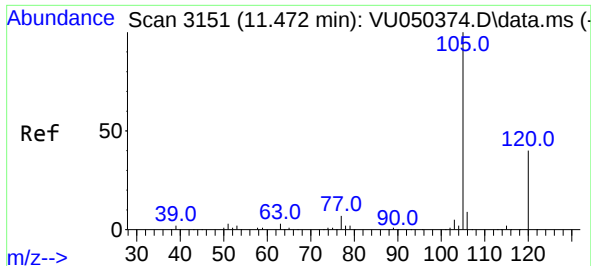
Tgt Ion:105 Resp: 351
Ion Ratio Lower Upper
105 100
120 22.8 37.6 56.4#



#77
tert-Butylbenzene
Concen: 0.496 ug/l
RT: 11.420 min Scan# 3135
Delta R.T. -0.003 min
Lab File: VU050383.D
Acq: 19 Aug 2022 22:19

Tgt Ion:119 Resp: 61
Ion Ratio Lower Upper
119 100
91 0.0 30.4 91.3#
134 0.0 17.8 26.6#

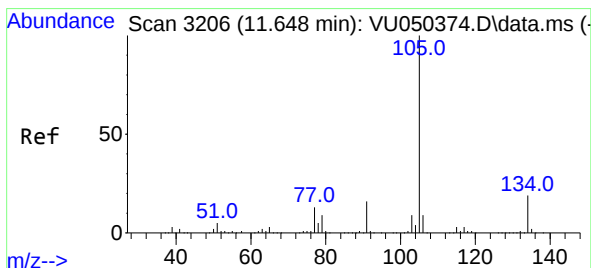
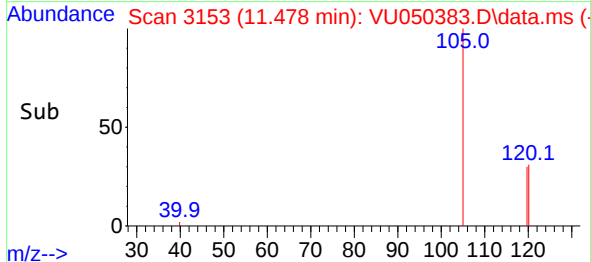
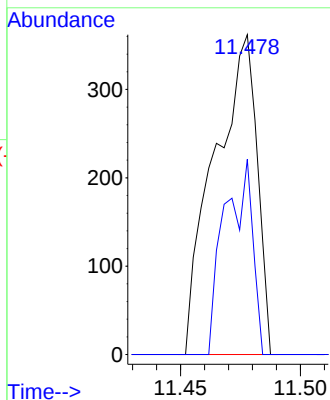
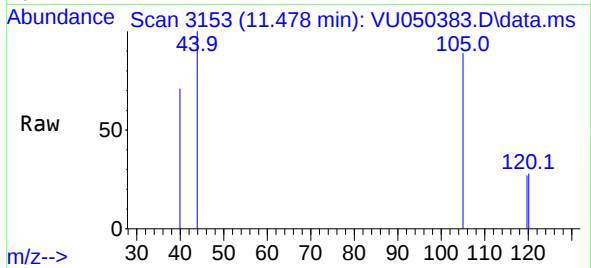




#78
1,2,4-Trimethylbenzene
Concen: 0.576 ug/l
RT: 11.478 min Scan# 3151
Delta R.T. 0.006 min
Lab File: VU050383.D
Acq: 19 Aug 2022 22:19

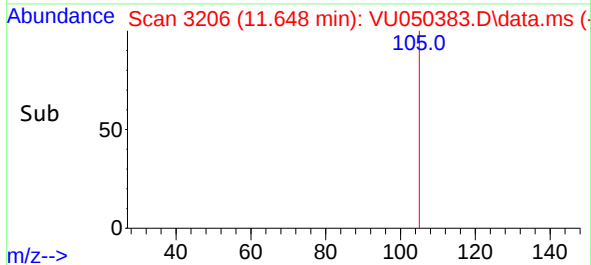
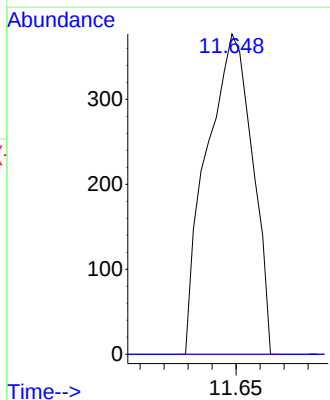
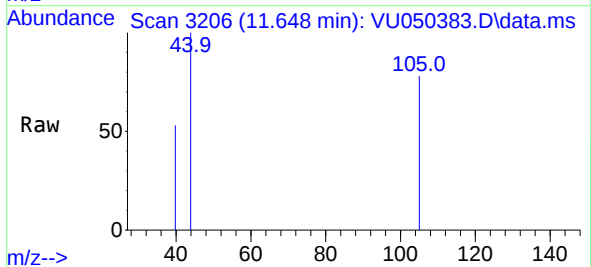
Instrument :
MSVOA_U
ClientSampleId :
WS-NAPHTHALENE

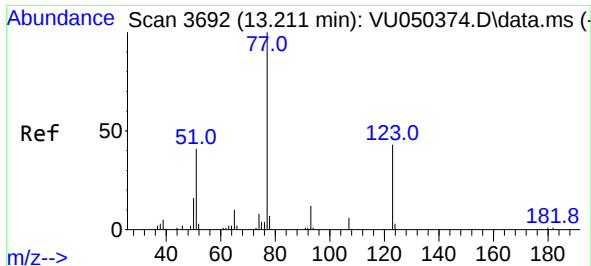
Tgt Ion:105 Resp: 447
Ion Ratio Lower Upper
105 100
120 40.0 21.6 65.0



#79
sec-Butylbenzene
Concen: 0.558 ug/l
RT: 11.648 min Scan# 3206
Delta R.T. 0.000 min
Lab File: VU050383.D
Acq: 19 Aug 2022 22:19

Tgt Ion:105 Resp: 499
Ion Ratio Lower Upper
105 100
134 0.0 15.4 23.0#

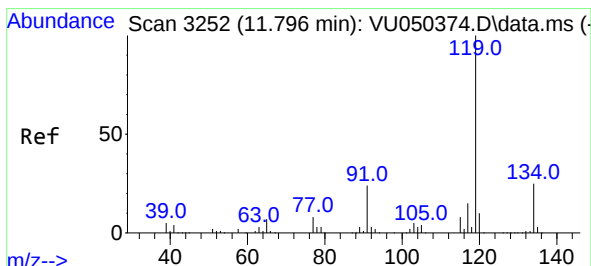
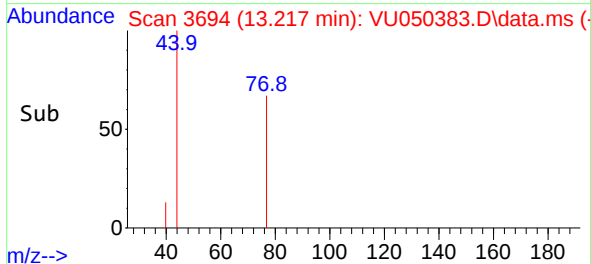
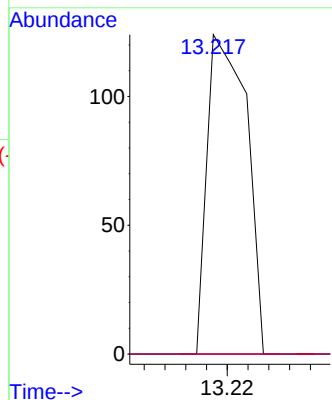
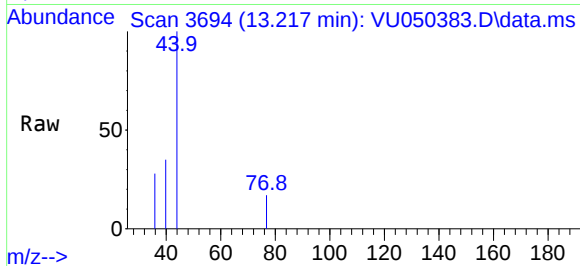




#80
Nitrobenzene
Concen: 0.109 ug/l
RT: 13.217 min Scan# 30
Delta R.T. 0.006 min
Lab File: VU050383.D
Acq: 19 Aug 2022 22:19

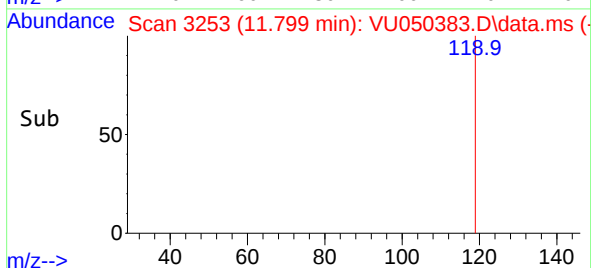
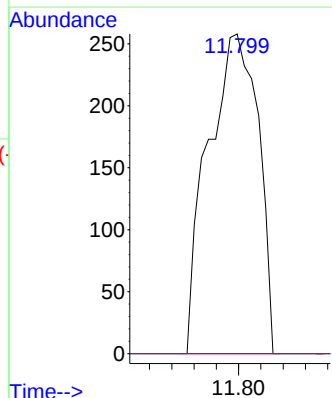
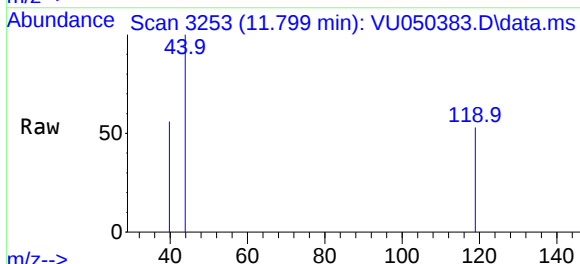
Instrument :
MSVOA_U
ClientSampleId :
WS-NAPHTHALENE

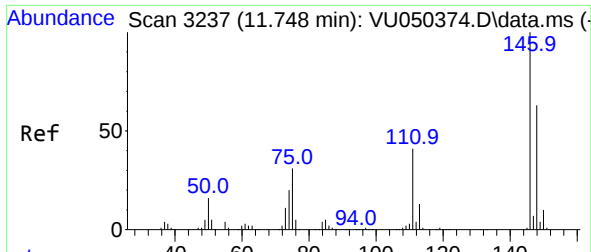
Tgt Ion: 77	Resp:	65
Ion Ratio	Lower	Upper
77	100	
123	0.0	18.1 64.3#
65	0.0	10.8 13.8#



#81
p-Isopropyltoluene
Concen: 0.013 ug/l
RT: 11.799 min Scan# 3253
Delta R.T. 0.003 min
Lab File: VU050383.D
Acq: 19 Aug 2022 22:19

Tgt Ion: 119	Resp:	404
Ion Ratio	Lower	Upper
119	100	
134	0.0	20.5 30.7#
91	0.0	19.8 29.6#





#82

1,3-Dichlorobenzene

Concen: 0.020 ug/l

RT: 11.745 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU050383.D

Acq: 19 Aug 2022 22:19

Instrument :

MSVOA_U

ClientSampleId :

WS-NAPHTHALENE

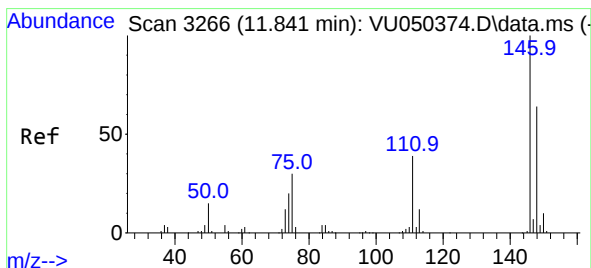
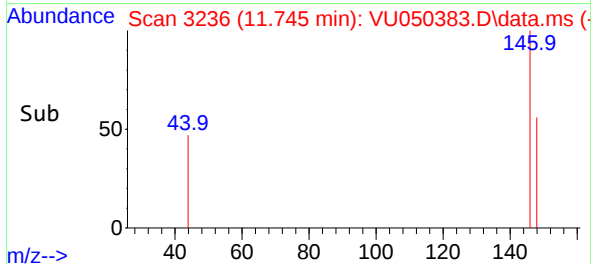
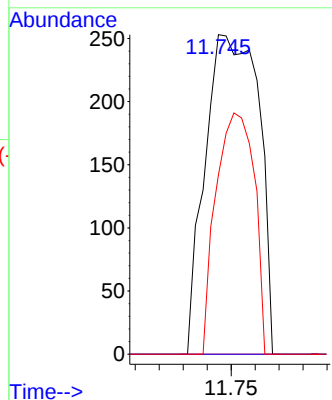
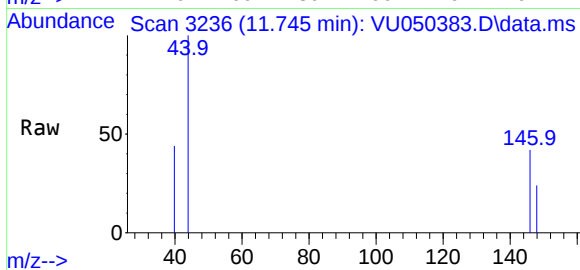
Tgt Ion:146 Resp: 391

Ion Ratio Lower Upper

146 100

111 0.0 33.4 50.2#

148 54.0 51.2 76.8



#83

1,4-Dichlorobenzene

Concen: 0.024 ug/l

RT: 11.848 min Scan# 3268

Delta R.T. 0.006 min

Lab File: VU050383.D

Acq: 19 Aug 2022 22:19

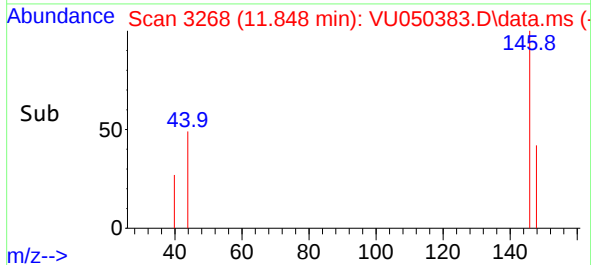
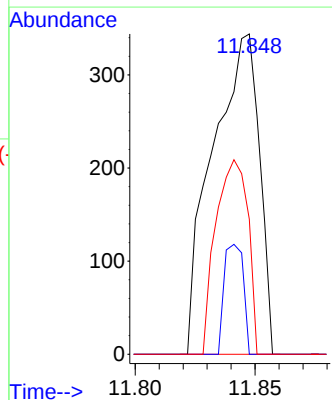
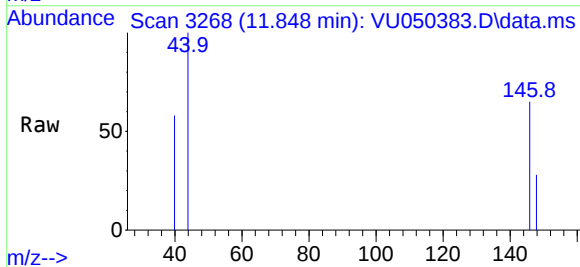
Tgt Ion:146 Resp: 465

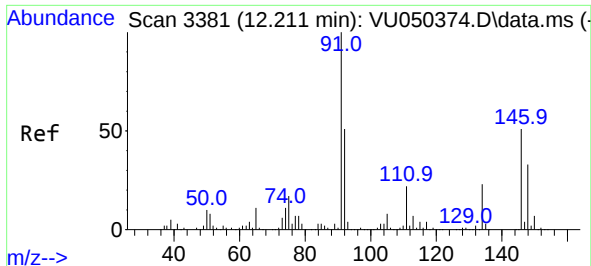
Ion Ratio Lower Upper

146 100

111 14.0 32.6 49.0#

148 41.7 51.6 77.4#

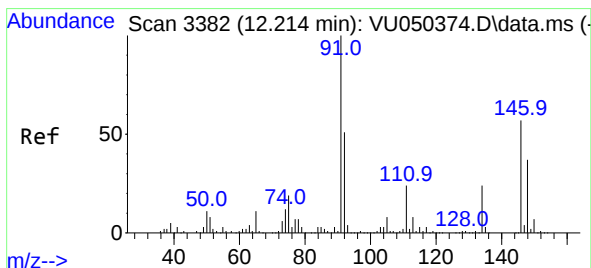
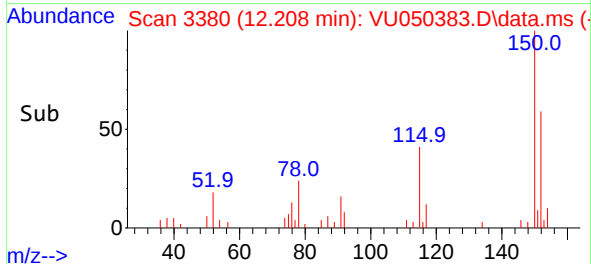
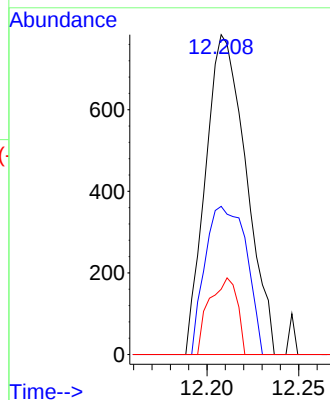
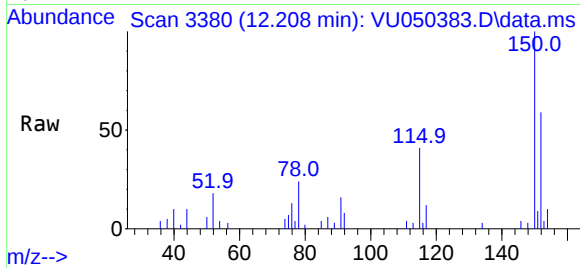




#84
n-Butylbenzene
Concen: 0.618 ug/l
RT: 12.208 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU050383.D
Acq: 19 Aug 2022 22:19

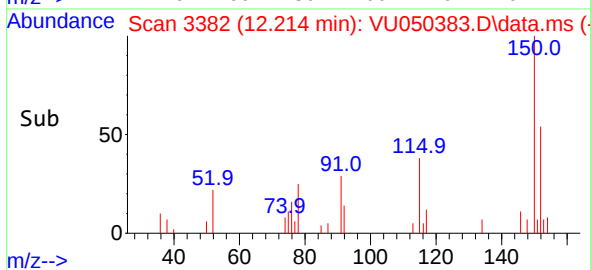
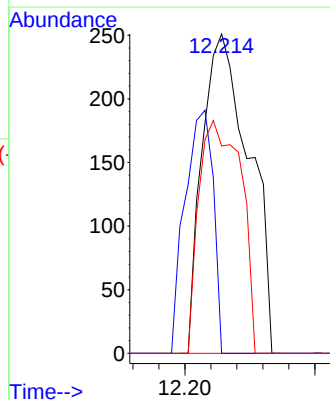
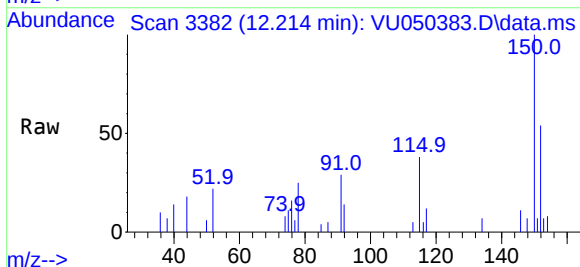
Instrument :
MSVOA_U
ClientSampleId :
WS-NAPHTHALENE

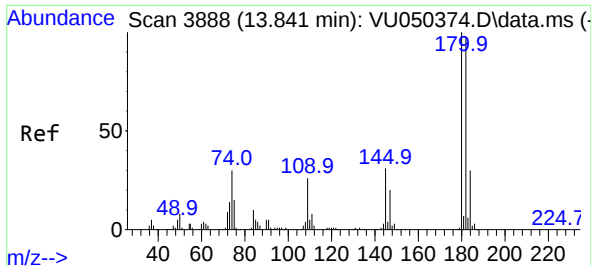
Tgt Ion: 91 Resp: 1204
Ion Ratio Lower Upper
91 100
92 47.2 42.3 63.5
134 16.4 19.6 29.4#



#85
1,2-Dichlorobenzene
Concen: 0.017 ug/l
RT: 12.214 min Scan# 3382
Delta R.T. -0.000 min
Lab File: VU050383.D
Acq: 19 Aug 2022 22:19

Tgt Ion:146 Resp: 314
Ion Ratio Lower Upper
146 100
111 45.9 22.1 66.1
148 65.3 32.1 96.3





#87

1,2,4-Trichlorobenzene

Concen: 0.119 ug/l

RT: 13.848 min Scan# 3888

Delta R.T. 0.006 min

Lab File: VU050383.D

Acq: 19 Aug 2022 22:19

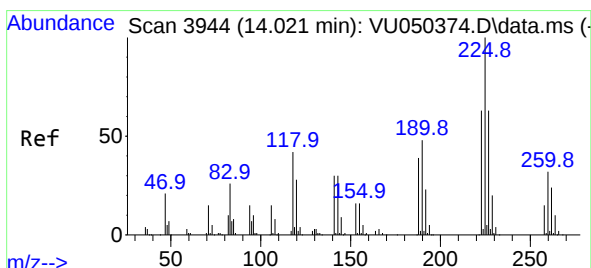
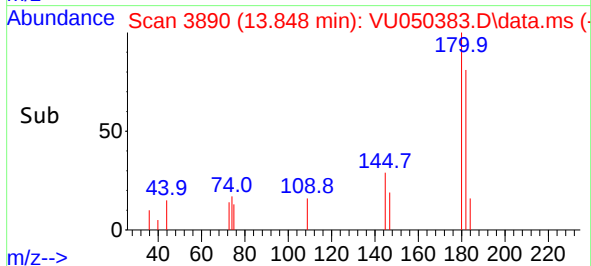
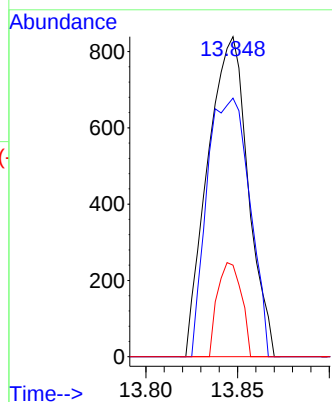
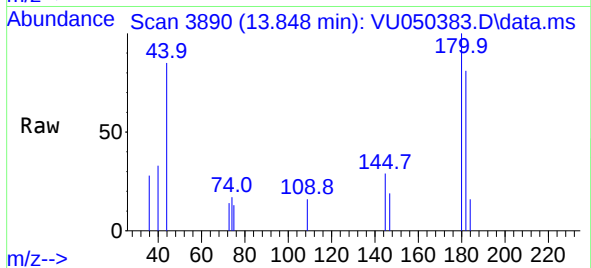
Instrument :

MSVOA_U

ClientSampleId :

WS-NAPHTHALENE

Tgt Ion:180	Resp:	1286
Ion Ratio	Lower	Upper
180	100	
182	85.1	77.0 115.6
145	17.3	25.7 38.5#



#88

Hexachlorobutadiene

Concen: 0.039 ug/l

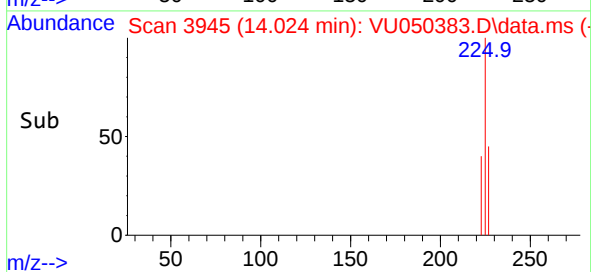
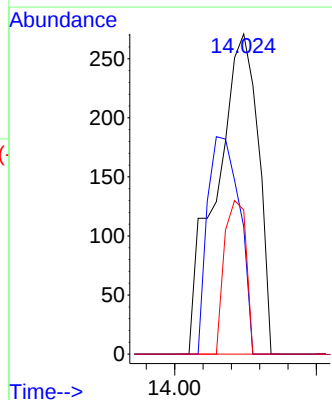
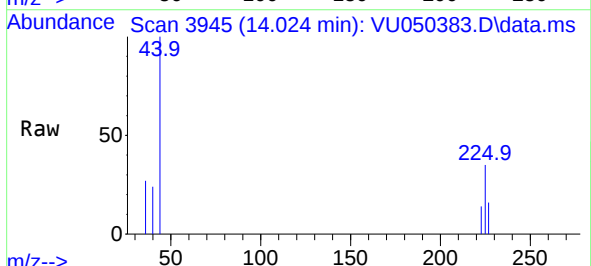
RT: 14.024 min Scan# 3945

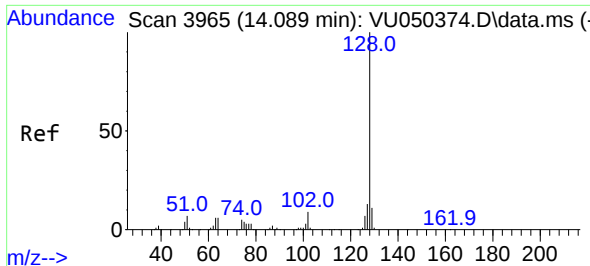
Delta R.T. 0.003 min

Lab File: VU050383.D

Acq: 19 Aug 2022 22:19

Tgt Ion:225	Resp:	277
Ion Ratio	Lower	Upper
225	100	
223	52.3	50.6 76.0
227	24.9	50.7 76.1#

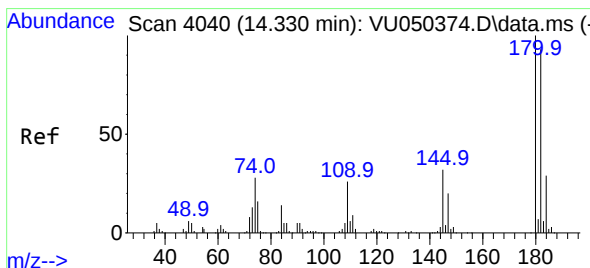
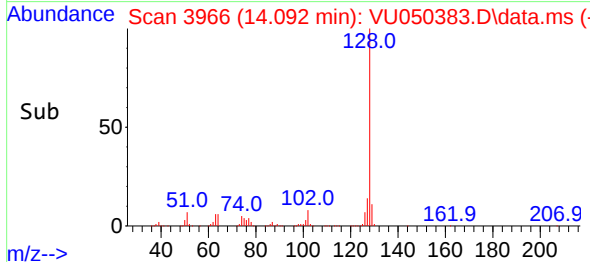
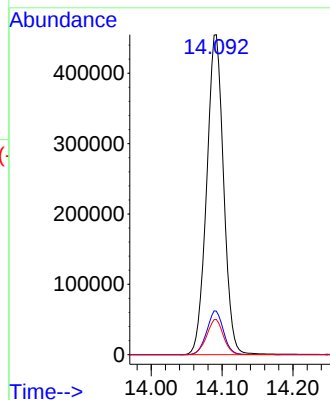
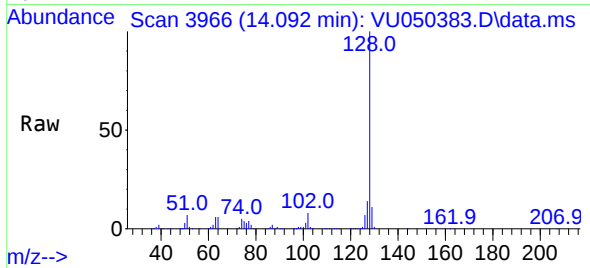




#89
Naphthalene
Concen: 24.217 ug/l
RT: 14.092 min Scan# 3966
Delta R.T. 0.003 min
Lab File: VU050383.D
Acq: 19 Aug 2022 22:19

Instrument :
MSVOA_U
ClientSampleId :
WS-NAPHTHALENE

Tgt Ion:128 Resp: 754966
Ion Ratio Lower Upper
128 100
127 13.5 10.1 15.1
129 10.9 8.6 12.8



#90
1,2,3-Trichlorobenzene
Concen: 0.629 ug/l
RT: 14.333 min Scan# 4041
Delta R.T. 0.003 min
Lab File: VU050383.D
Acq: 19 Aug 2022 22:19

Tgt Ion:180 Resp: 2002
Ion Ratio Lower Upper
180 100
182 82.5 76.6 114.8
145 24.5 27.3 40.9#

