

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081722\
 Data File : VU050365.D
 Acq On : 17 Aug 2022 20:20
 Operator : SY/MD
 Sample : N3734-14
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 WS-NAPHTHALENE

Quant Time: Aug 18 08:57:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U081722DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Aug 18 08:54:48 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.128	96	35094	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.642	95	9110	0.748	ug/l	0.00
Spiked Amount 1.000			Recovery	=	75.000%	
68) 1,2-Dichlorobenzene-d4	12.198	152	11060	0.809	ug/l	0.00
Spiked Amount 1.000			Recovery	=	81.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	20	0.001	ug/l	# 42
3) Chloromethane	1.520	50	510	0.031	ug/l	# 77
5) Bromomethane	1.854	94	109	0.018	ug/l	# 4
6) Chloroethane	1.825	64	21	0.002	ug/l	# 42
11) Allyl Chloride	2.819	41	100	0.006	ug/l	# 98
12) Acrylonitrile	3.205	53	75	0.024	ug/l	# 1
13) Acetone	2.645	43	1722	0.765	ug/l	# 97
14) Carbon Disulfide	2.800	76	336174	10.296	ug/l	# 100
15) Methylene Chloride	3.063	84	14720	1.111	ug/l	# 94
16) trans-1,2-Dichloroethene	3.385	96	41	0.004	ug/l	# 1
18) 2-Butanone	4.742	43	1903	0.542	ug/l	# 75
19) Cyclohexane	5.372	56	19	0.002	ug/l	# 19
21) 2,2-Dichloropropane	4.681	77	118	0.007	ug/l	# 52
23) Diethyl Ether	2.385	59	20	0.002	ug/l	# 1
24) tert-Butyl Alcohol	3.215	59	11158	9.080	ug/l	# 73
25) Methyl tert-Butyl Ether	3.211	73	500	0.018	ug/l	# 1
27) Chloroform	5.092	83	616	0.031	ug/l	# 77
29) 1,1-Dichloropropene	5.456	75	1141	0.092	ug/l	# 43
31) Isopropyl Ether	3.977	45	174	0.005	ug/l	# 71
32) Ethyl-t-butyl ether	4.546	59	44	0.002	ug/l	# 35
33) Tert-Amyl methyl ether	6.118	73	96	0.006	ug/l	# 57
35) Benzene	5.761	78	130	0.003	ug/l	# 52
39) Methacrylonitrile	5.002	41	104	0.027	ug/l	# 42
40) Methyl acrylate	4.841	55	41	0.006	ug/l	# 1
41) Tetrahydrofuran	5.073	42	133	0.064	ug/l	# 31
42) 1-Chlorobutane	5.452	56	65	0.004	ug/l	# 7
45) 4-Methyl-2-Pentanone	7.828	43	100973	15.227	ug/l	# 96
46) t-1,4-Dichloro-2-butene	10.825	75	159	0.069	ug/l	# 20
49) Toluene	7.980	92	21	0.001	ug/l	# 1
54) 2-Hexanone	8.722	43	356	0.077	ug/l	# 43
56) 1,2-Dibromoethane	8.947	107	19	0.002	ug/l	# 3
59) Chlorobenzene	9.462	112	237	0.010	ug/l	# 44
63) Ethyl Benzene	9.584	91	286	0.466	ug/l	# 44
64) m/p-Xylenes	9.703	106	99	0.868	ug/l	# 58
65) o-Xylene	10.111	106	80	0.380	ug/l	# 44
66) Styrene	10.124	104	197	0.498	ug/l	# 25
69) Isopropylbenzene	10.491	105	202	0.467	ug/l	# 50
70) 1,1,2,2-Tetrachloroethane	10.787	83	41	0.003	ug/l	# 25
71) 1,2,3-Trichloropropane	10.825	75	159	0.018	ug/l	# 34
73) n-propylbenzene	11.092	120	208	0.542	ug/l	# 1
74) 2-Chlorotoluene	11.111	126	20	0.325	ug/l	# 1
75) 1,3,5-Trimethylbenzene	11.095	105	323	0.462	ug/l	# 74
76) 4-Chlorotoluene	11.111	126	20	0.315	ug/l	# 1

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081722\
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 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

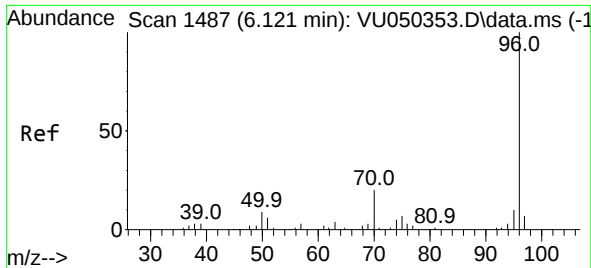
Instrument :
 MSVOA_U
 ClientSampleId :
 WS-NAPHTHALENE

Quant Time: Aug 18 08:57:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U081722DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Aug 18 08:54:48 2022
 Response via : Initial Calibration

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

77) tert-Butylbenzene	11.417	119	175	0.413	ug/l #	29
78) 1,2,4-Trimethylbenzene	11.478	105	494	0.411	ug/l	68
79) sec-Butylbenzene	11.655	105	391	0.009	ug/l #	69
80) Nitrobenzene	13.008	77	23	0.030	ug/l #	42
81) p-Isopropyltoluene	11.793	119	448	0.534	ug/l #	64
82) 1,3-Dichlorobenzene	11.758	146	235	0.011	ug/l #	77
83) 1,4-Dichlorobenzene	11.844	146	466	0.022	ug/l #	82
84) n-Butylbenzene	12.214	91	1113	0.583	ug/l #	84
85) 1,2-Dichlorobenzene	12.214	146	247	0.012	ug/l	69
86) 1,2-Dibromo-3-Chloropr...	13.150	75	45	0.022	ug/l #	2
87) 1,2,4-Trichlorobenzene	13.841	180	1026	0.513	ug/l #	90
88) Hexachlorobutadiene	14.024	225	139	0.019	ug/l #	74
89) Naphthalene	14.092	128	820309	22.828	ug/l	99
90) 1,2,3-Trichlorobenzene	14.333	180	1444	0.533	ug/l	96

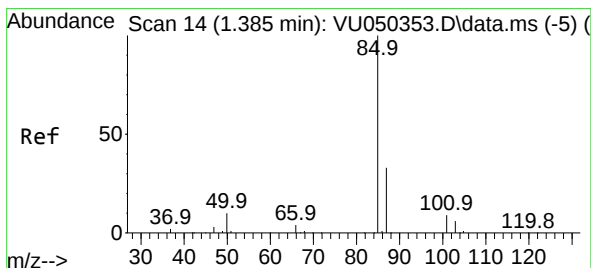
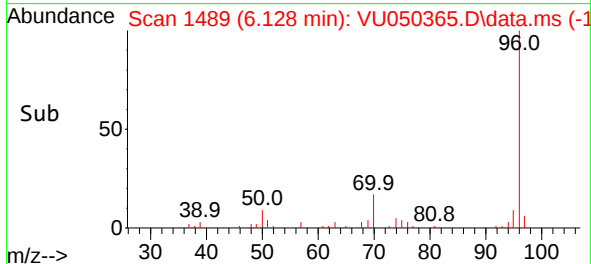
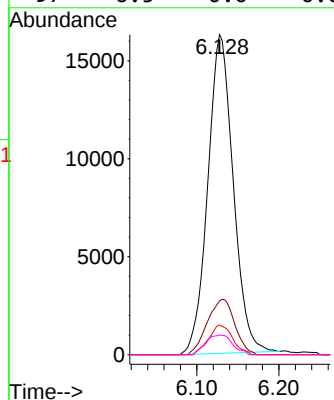
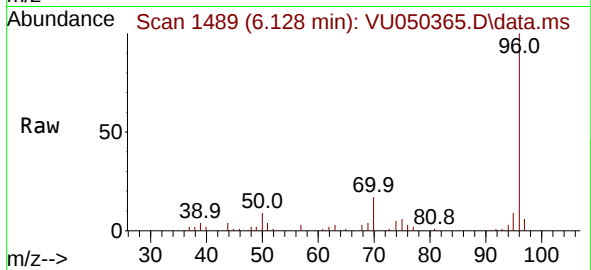
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.128 min Scan# 14
Delta R.T. 0.007 min
Lab File: VU050365.D
Acq: 17 Aug 2022 20:20

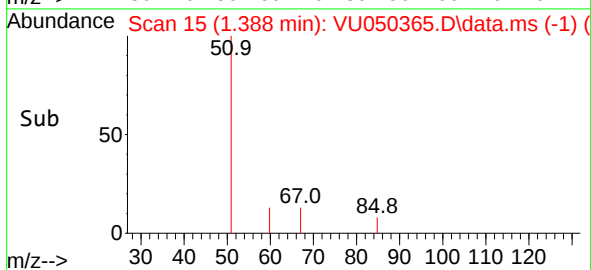
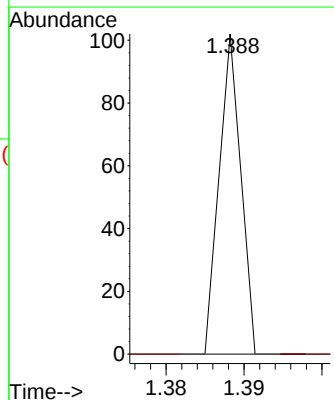
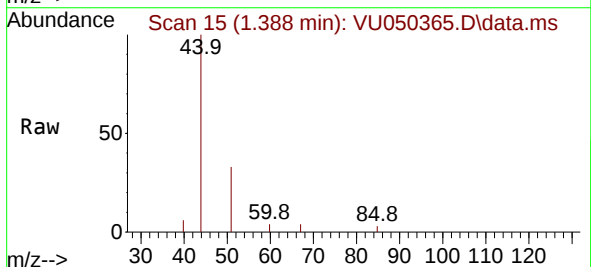
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MSVOA_U
ClientSampleId :
WS-NAPHTHALENE

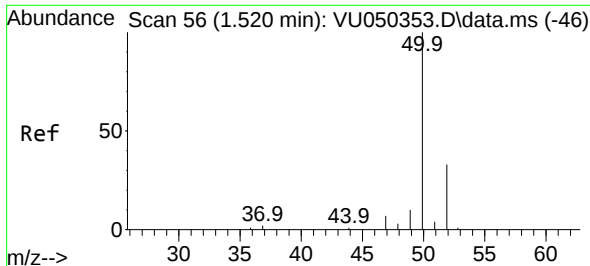
Tgt Ion: 96	Resp: 35094
Ion Ratio	Lower Upper
96 100	
70 18.7	16.7 25.1
95 8.8	7.4 11.0
97 6.5	0.0 0.0#



#2
Dichlorodifluoromethane
Concen: 0.001 ug/l
RT: 1.388 min Scan# 15
Delta R.T. 0.003 min
Lab File: VU050365.D
Acq: 17 Aug 2022 20:20

Tgt Ion: 85	Resp: 20
Ion Ratio	Lower Upper
85 100	
87 0.0	16.3 48.8#

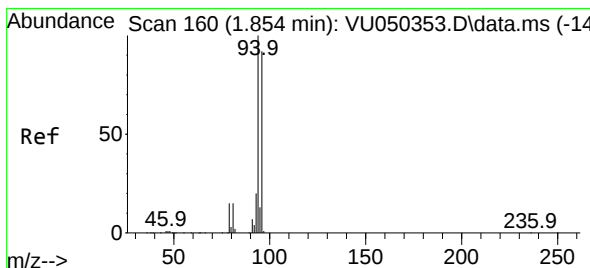
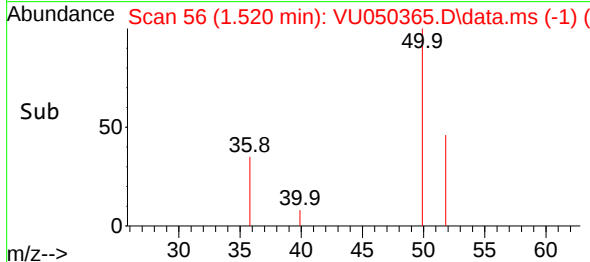
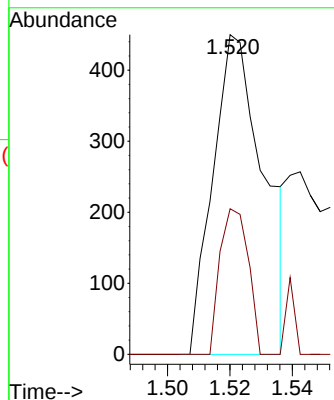
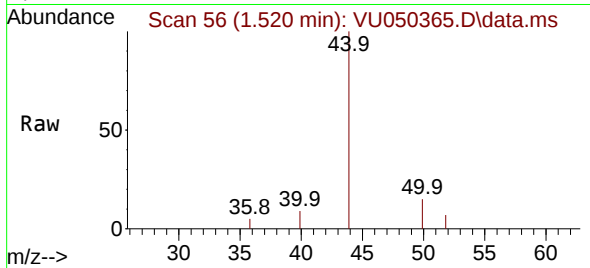




#3
Chloromethane
Concen: 0.031 ug/l
RT: 1.520 min Scan# 50
Delta R.T. -0.000 min
Lab File: VU050365.D
Acq: 17 Aug 2022 20:20

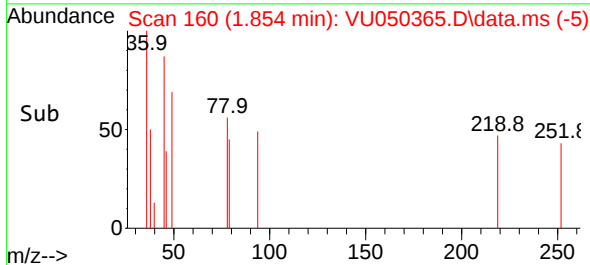
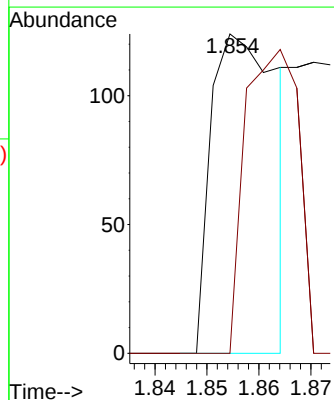
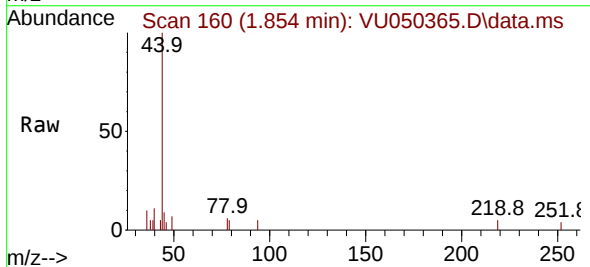
Instrument :
MSVOA_U
ClientSampleId :
WS-NAPHTHALENE

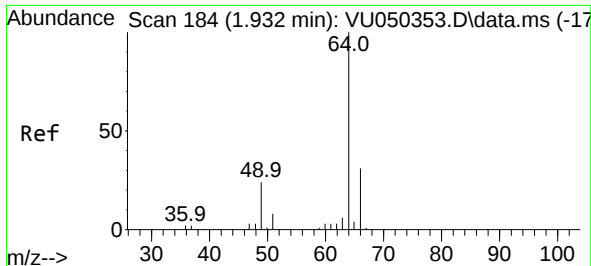
Tgt Ion: 50 Resp: 510
Ion Ratio Lower Upper
50 100
52 45.6 26.1 39.1#



#5
Bromomethane
Concen: 0.018 ug/l
RT: 1.854 min Scan# 160
Delta R.T. -0.000 min
Lab File: VU050365.D
Acq: 17 Aug 2022 20:20

Tgt Ion: 94 Resp: 109
Ion Ratio Lower Upper
94 100
96 0.0 73.0 109.6#

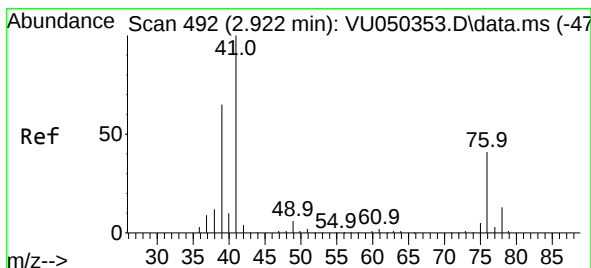
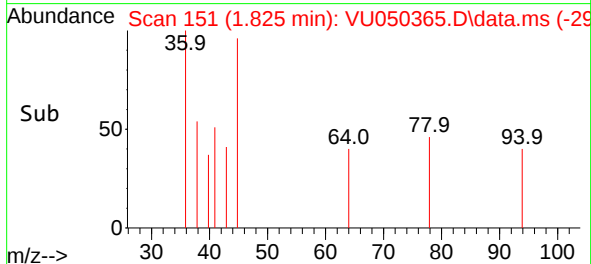
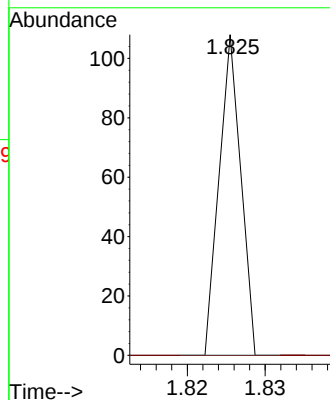
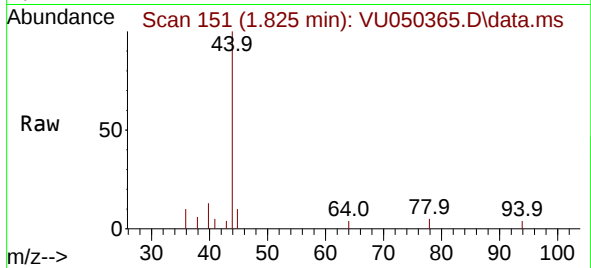




#6
Chloroethane
Concen: 0.002 ug/l
RT: 1.825 min Scan# 11
Delta R.T. -0.106 min
Lab File: VU050365.D
Acq: 17 Aug 2022 20:20

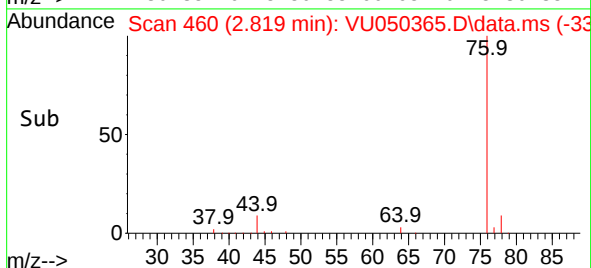
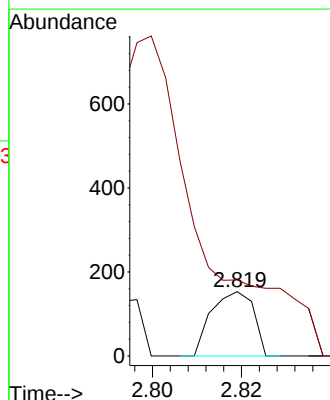
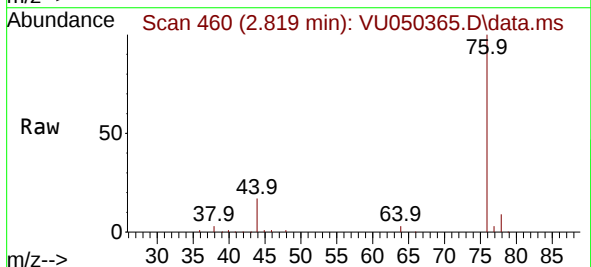
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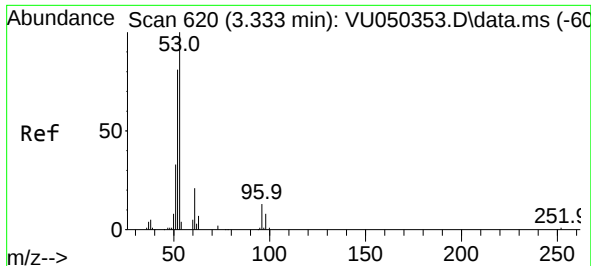
Tgt Ion: 64 Resp: 21
Ion Ratio Lower Upper
64 100
66 0.0 25.8 38.6#



#11
Allyl Chloride
Concen: 0.006 ug/l
RT: 2.819 min Scan# 460
Delta R.T. -0.103 min
Lab File: VU050365.D
Acq: 17 Aug 2022 20:20

Tgt Ion: 41 Resp: 100
Ion Ratio Lower Upper
41 100
39 65.0 53.2 79.8

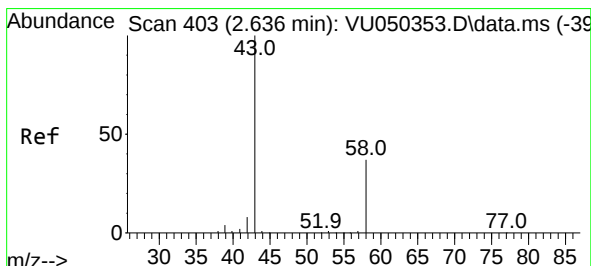
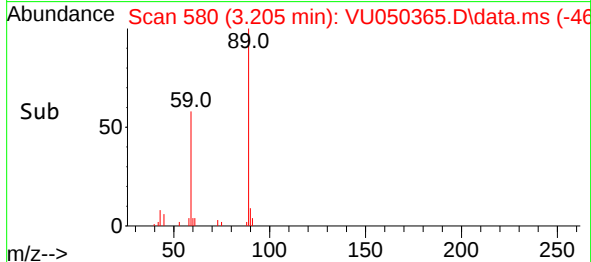
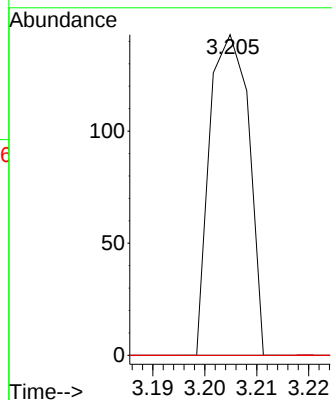
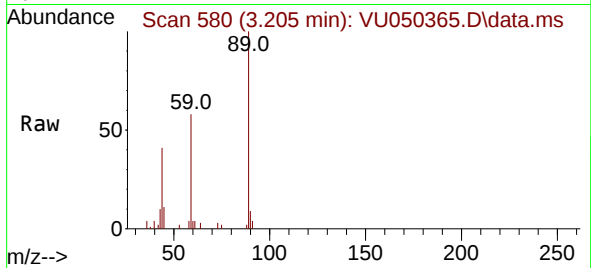




#12
Acrylonitrile
Concen: 0.024 ug/l
RT: 3.205 min Scan# 51
Delta R.T. -0.128 min
Lab File: VU050365.D
Acq: 17 Aug 2022 20:20

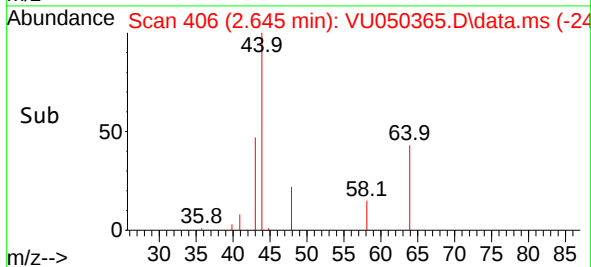
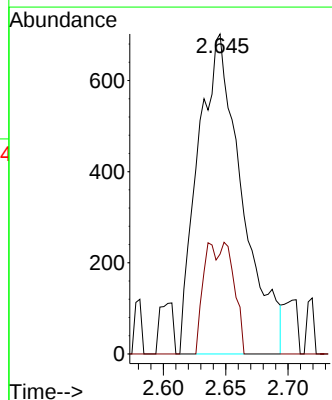
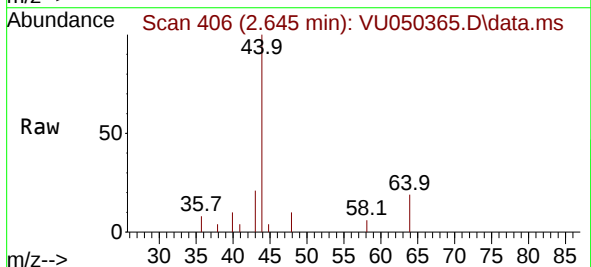
Instrument :
MSVOA_U
ClientSampleId :
WS-NAPHTHALENE

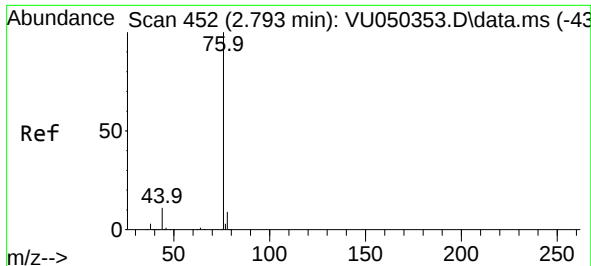
Tgt Ion: 53 Resp: 75
Ion Ratio Lower Upper
53 100
52 53.3 64.6 97.0#
51 7518.7 30.7 46.1#



#13
Acetone
Concen: 0.765 ug/l
RT: 2.645 min Scan# 406
Delta R.T. 0.009 min
Lab File: VU050365.D
Acq: 17 Aug 2022 20:20

Tgt Ion: 43 Resp: 1722
Ion Ratio Lower Upper
43 100
58 31.2 26.2 39.2





#14

Carbon Disulfide

Concen: 10.296 ug/l

RT: 2.800 min Scan# 454

Delta R.T. 0.006 min

Lab File: VU050365.D

Acq: 17 Aug 2022 20:20

Instrument :

MSVOA_U

ClientSampleId :

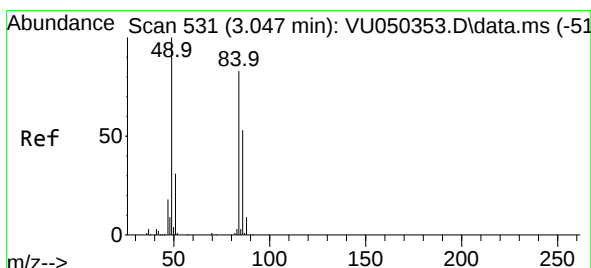
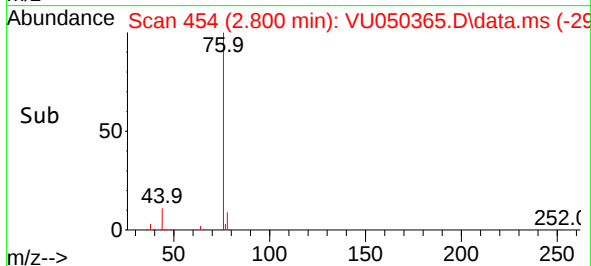
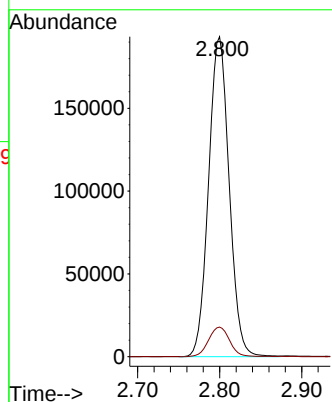
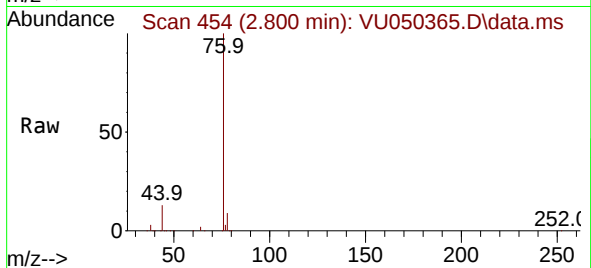
WS-NAPHTHALENE

Tgt Ion: 76 Resp: 336174

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.0



#15

Methylene Chloride

Concen: 1.111 ug/l

RT: 3.063 min Scan# 536

Delta R.T. 0.016 min

Lab File: VU050365.D

Acq: 17 Aug 2022 20:20

Tgt Ion: 84 Resp: 14720

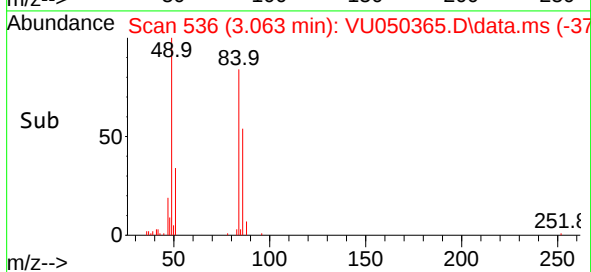
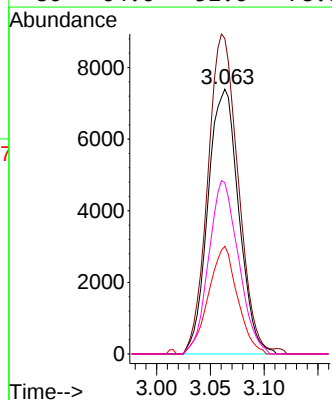
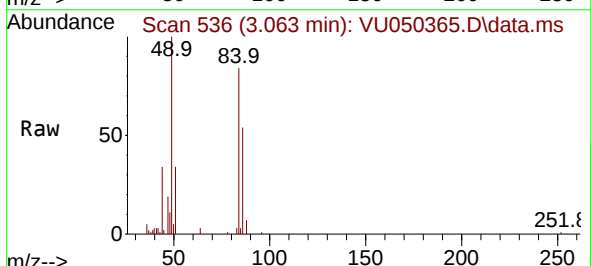
Ion Ratio Lower Upper

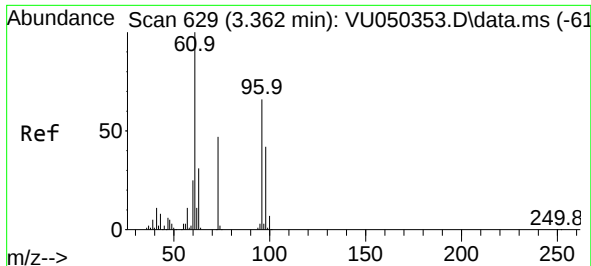
84 100

49 119.1 104.6 157.0

51 40.7 0.0 81.4

86 64.6 52.6 78.8

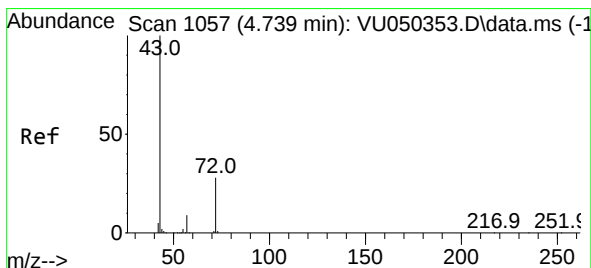
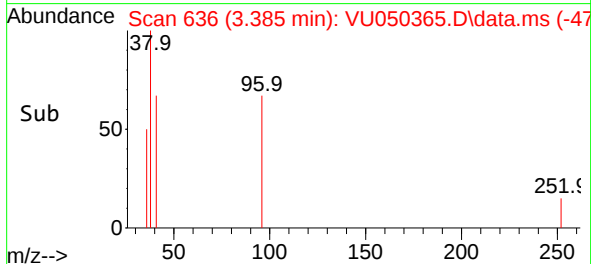
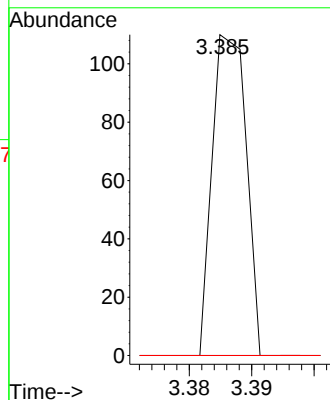
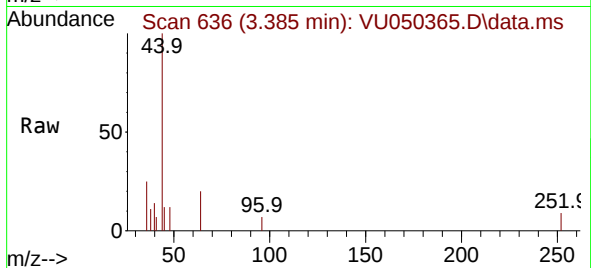




#16
trans-1,2-Dichloroethene
Concen: 0.004 ug/l
RT: 3.385 min Scan# 61
Delta R.T. 0.022 min
Lab File: VU050365.D
Acq: 17 Aug 2022 20:20

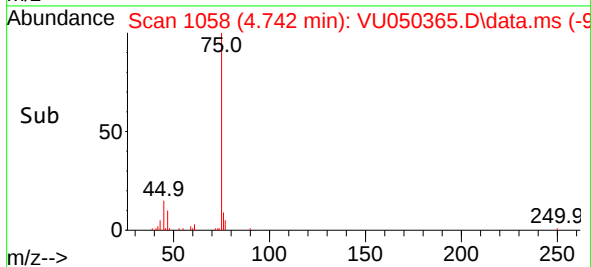
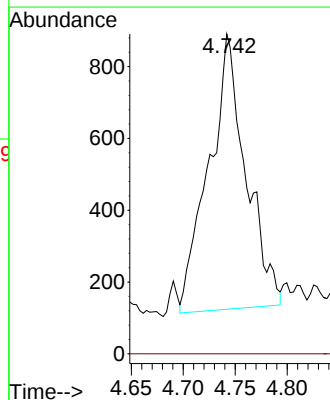
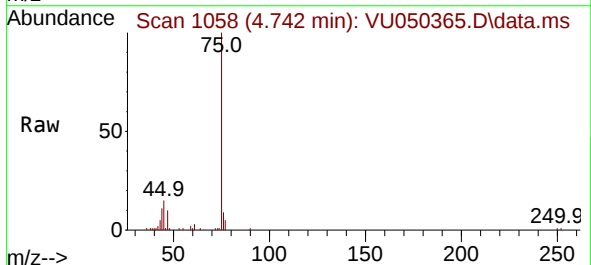
Instrument :
MSVOA_U
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WS-NAPHTHALENE

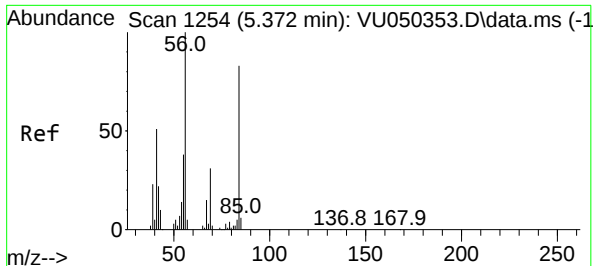
Tgt Ion: 96 Resp: 41
Ion Ratio Lower Upper
96 100
61 0.0 123.4 185.0#
98 0.0 51.6 77.4#



#18
2-Butanone
Concen: 0.542 ug/l
RT: 4.742 min Scan# 1058
Delta R.T. 0.003 min
Lab File: VU050365.D
Acq: 17 Aug 2022 20:20

Tgt Ion: 43 Resp: 1903
Ion Ratio Lower Upper
43 100
57 0.0 0.0 18.0





#19

Cyclohexane

Concen: 0.002 ug/l

RT: 5.372 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU050365.D

Acq: 17 Aug 2022 20:20

Instrument :

MSVOA_U

ClientSampleId :

WS-NAPHTHALENE

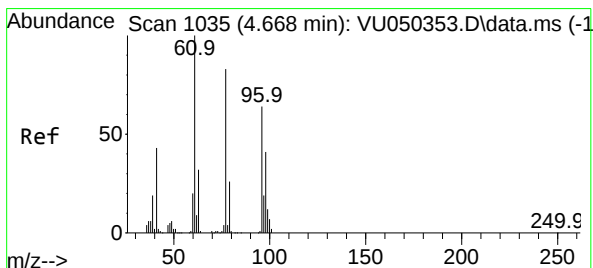
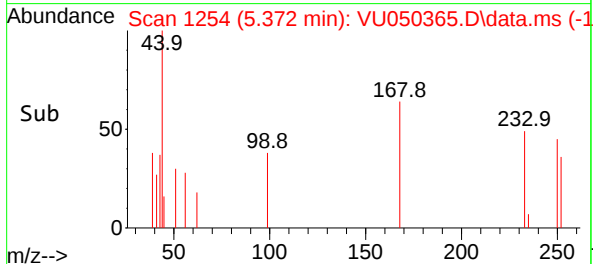
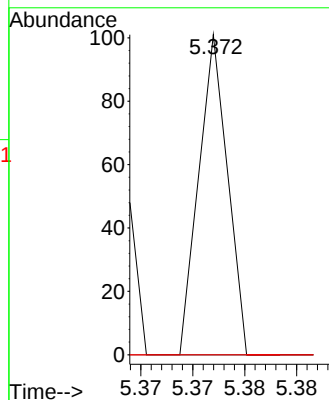
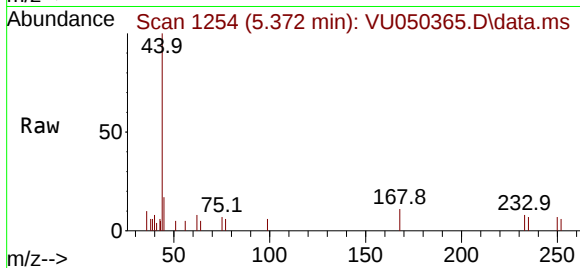
Tgt Ion: 56 Resp: 19

Ion Ratio Lower Upper

56 100

69 0.0 24.2 36.4#

84 0.0 63.4 95.2#



#21

2,2-Dichloropropane

Concen: 0.007 ug/l

RT: 4.681 min Scan# 1039

Delta R.T. 0.013 min

Lab File: VU050365.D

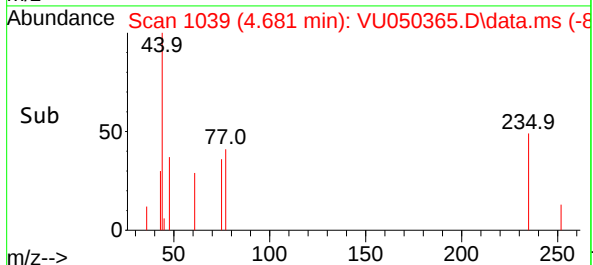
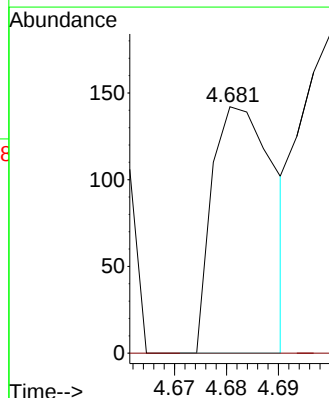
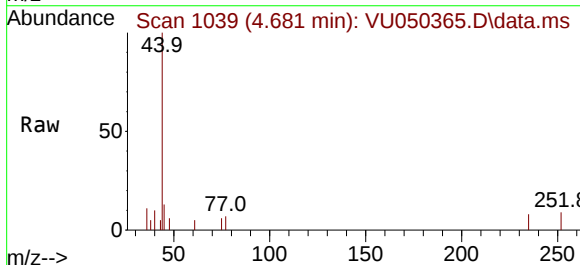
Acq: 17 Aug 2022 20:20

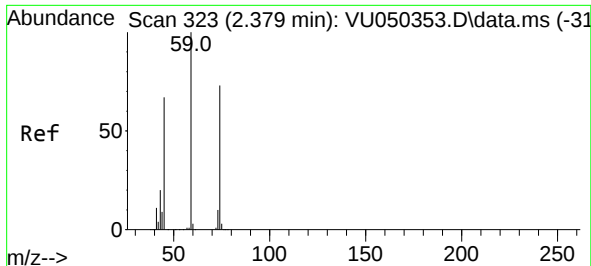
Tgt Ion: 77 Resp: 118

Ion Ratio Lower Upper

77 100

97 0.0 18.5 27.7#

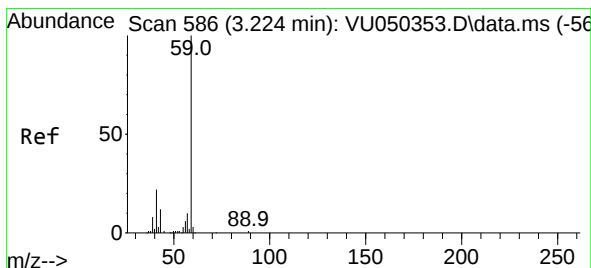
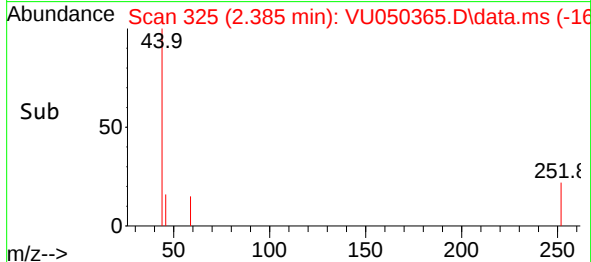
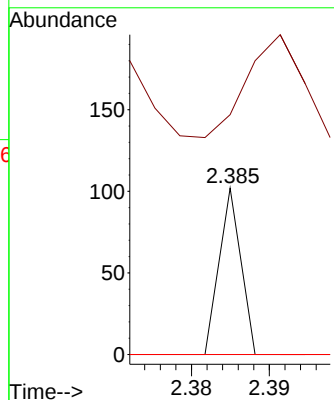
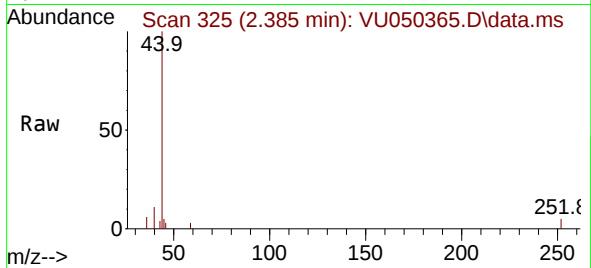




#23
Diethyl Ether
Concen: 0.002 ug/l
RT: 2.385 min Scan# 31
Delta R.T. 0.006 min
Lab File: VU050365.D
Acq: 17 Aug 2022 20:20

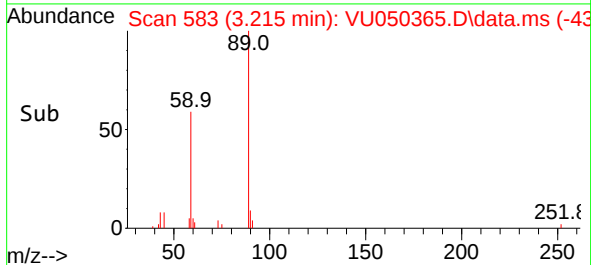
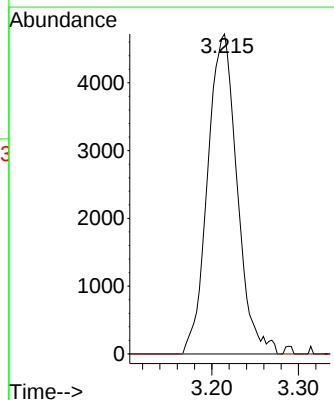
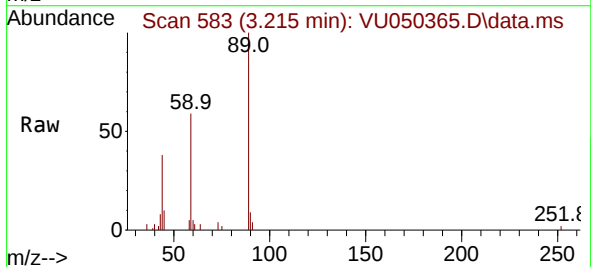
Instrument :
MSVOA_U
ClientSampleId :
WS-NAPHTHALENE

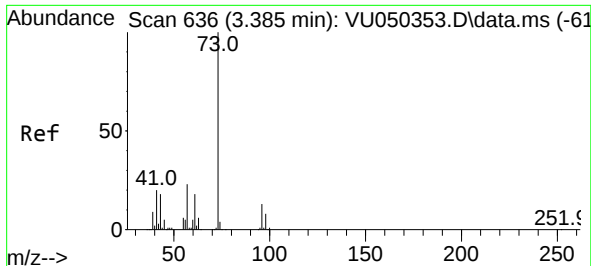
Tgt Ion: 59 Resp: 20
Ion Ratio Lower Upper
59 100
45 430.0 56.0 84.0#
74 0.0 57.6 86.4#



#24
tert-Butyl Alcohol
Concen: 9.080 ug/l
RT: 3.215 min Scan# 583
Delta R.T. -0.010 min
Lab File: VU050365.D
Acq: 17 Aug 2022 20:20

Tgt Ion: 59 Resp: 11158
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

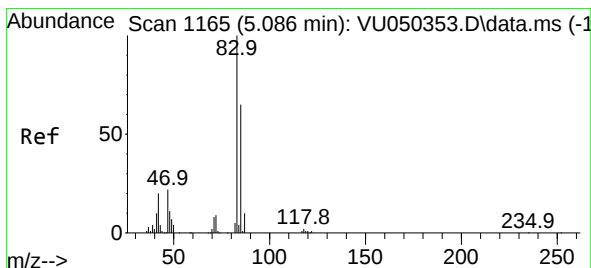
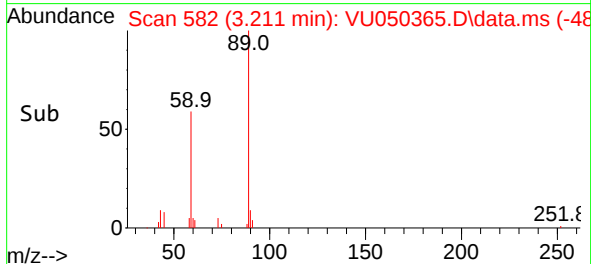
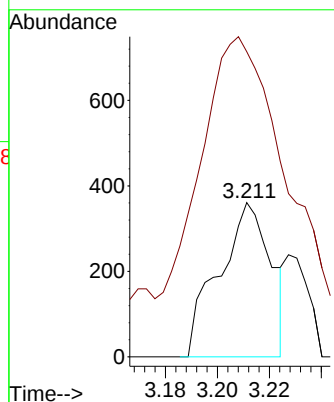
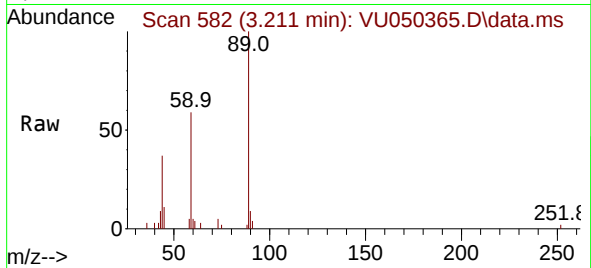




#25
Methyl tert-Butyl Ether
Concen: 0.018 ug/l
RT: 3.211 min Scan# 51
Delta R.T. -0.174 min
Lab File: VU050365.D
Acq: 17 Aug 2022 20:20

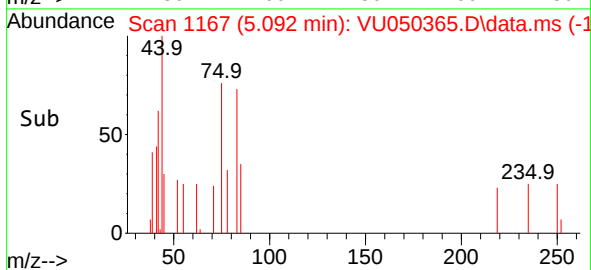
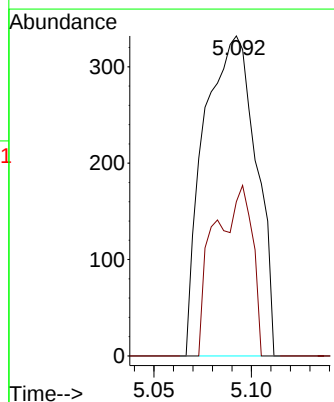
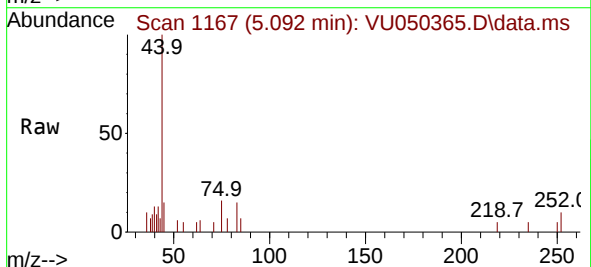
Instrument :
MSVOA_U
ClientSampleId :
WS-NAPHTHALENE

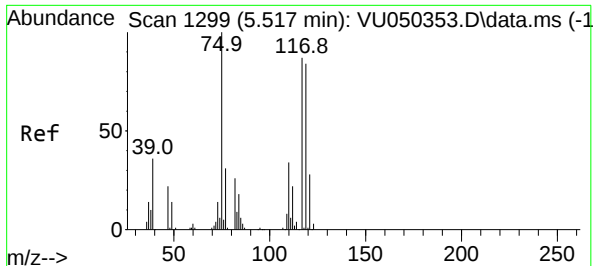
Tgt Ion: 73 Resp: 500
Ion Ratio Lower Upper
73 100
43 371.8 15.9 23.9#



#27
Chloroform
Concen: 0.031 ug/l
RT: 5.092 min Scan# 1167
Delta R.T. 0.006 min
Lab File: VU050365.D
Acq: 17 Aug 2022 20:20

Tgt Ion: 83 Resp: 616
Ion Ratio Lower Upper
83 100
85 48.2 0.0 133.6

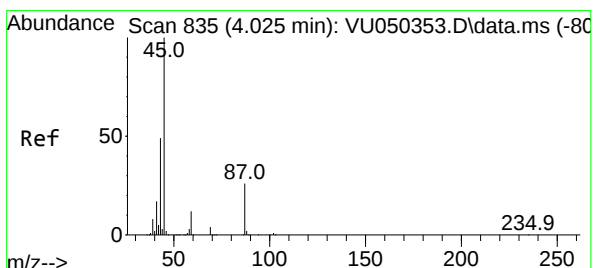
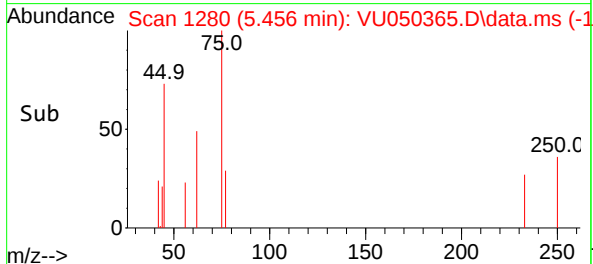
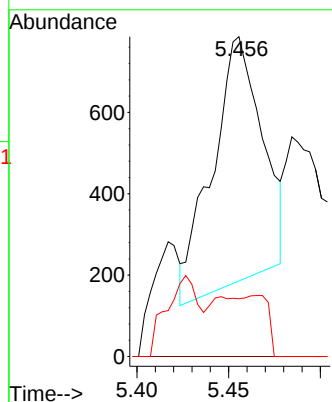
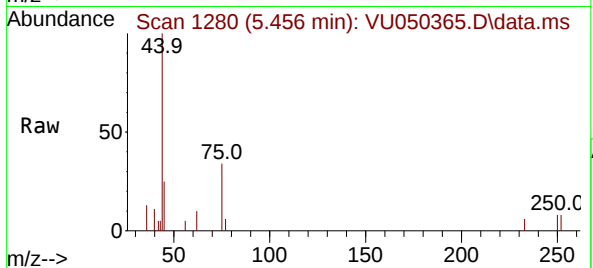




#29
1,1-Dichloropropene
Concen: 0.092 ug/l
RT: 5.456 min Scan# 1141
Delta R.T. -0.061 min
Lab File: VU050365.D
Acq: 17 Aug 2022 20:20

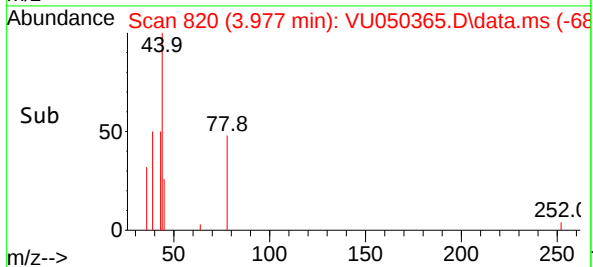
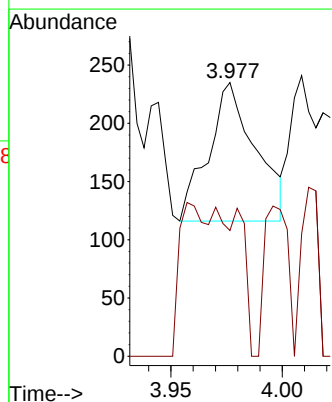
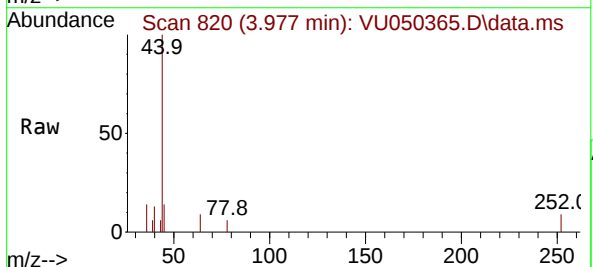
Instrument :
MSVOA_U
ClientSampleId :
WS-NAPHTHALENE

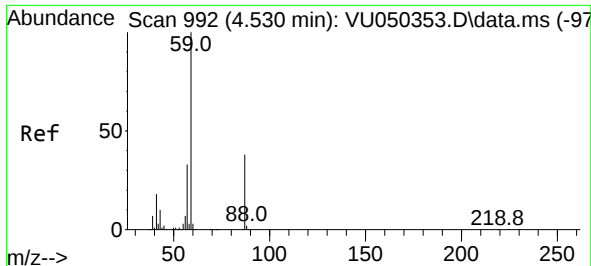
Tgt Ion: 75 Resp: 1141
Ion Ratio Lower Upper
75 100
110 0.0 17.3 52.0#
77 1.6 24.6 37.0#



#31
Isopropyl Ether
Concen: 0.005 ug/l
RT: 3.977 min Scan# 820
Delta R.T. -0.048 min
Lab File: VU050365.D
Acq: 17 Aug 2022 20:20

Tgt Ion: 45 Resp: 174
Ion Ratio Lower Upper
45 100
43 66.7 23.8 71.2

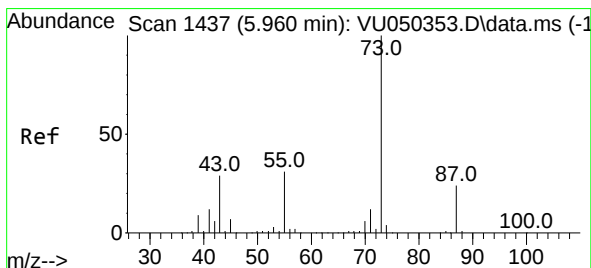
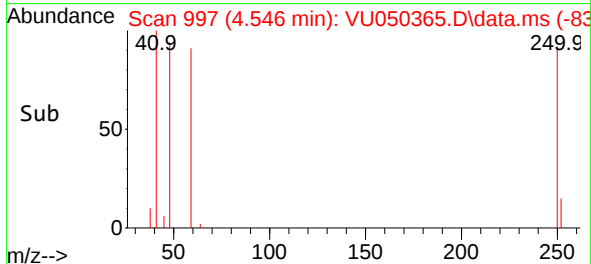
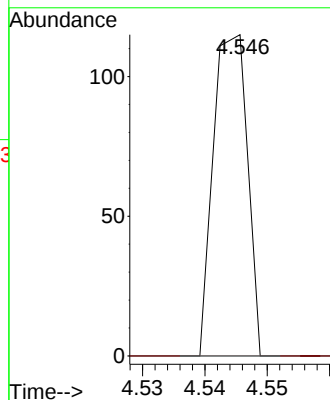
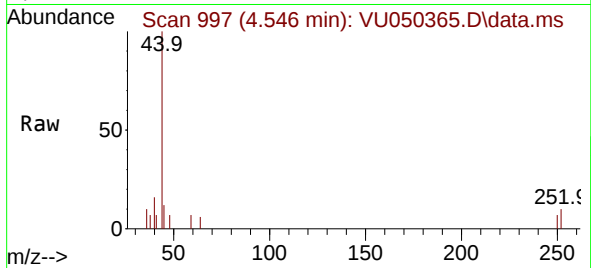




#32
Ethyl-t-butyl ether
Concen: 0.002 ug/l
RT: 4.546 min Scan# 99
Delta R.T. 0.016 min
Lab File: VU050365.D
Acq: 17 Aug 2022 20:20

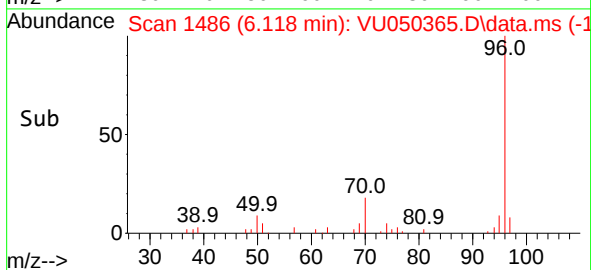
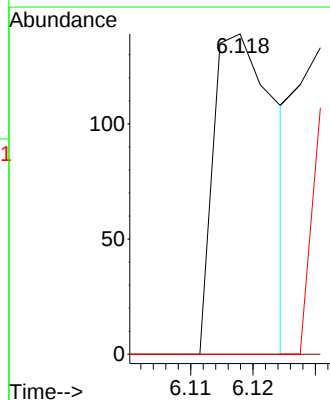
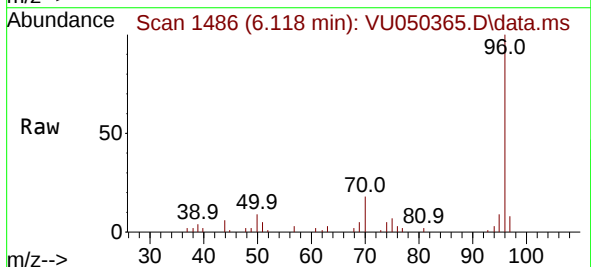
Instrument :
MSVOA_U
ClientSampleId :
WS-NAPHTHALENE

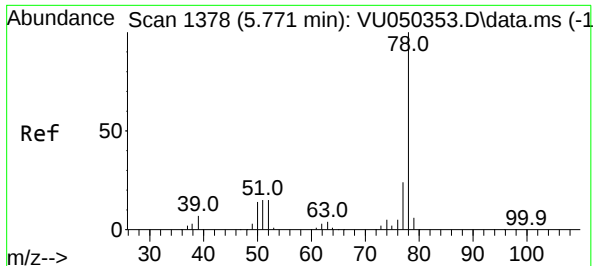
Tgt Ion: 59 Resp: 44
Ion Ratio Lower Upper
59 100
87 0.0 32.5 48.7#



#33
Tert-Amyl methyl ether
Concen: 0.006 ug/l
RT: 6.118 min Scan# 1486
Delta R.T. 0.158 min
Lab File: VU050365.D
Acq: 17 Aug 2022 20:20

Tgt Ion: 73 Resp: 96
Ion Ratio Lower Upper
73 100
87 0.0 19.7 29.5#
71 0.0 9.0 13.4#

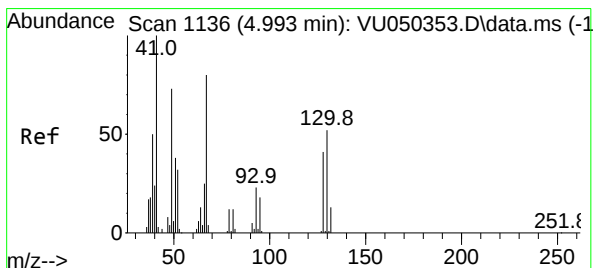
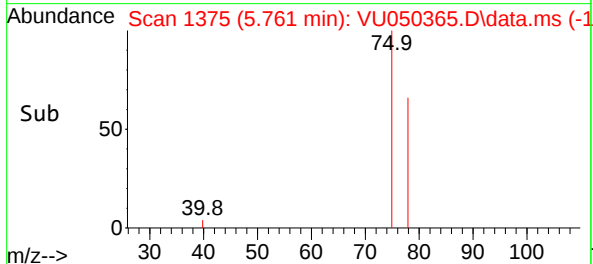
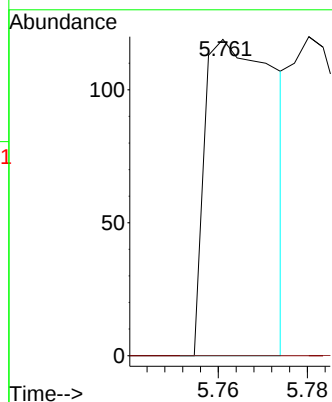
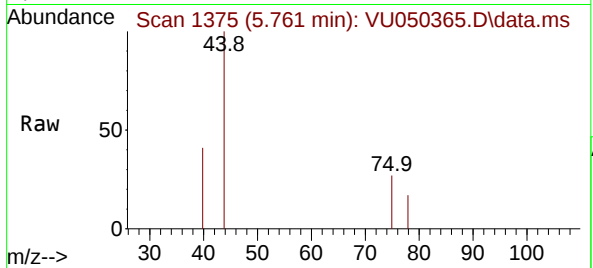




#35
Benzene
Concen: 0.003 ug/l
RT: 5.761 min Scan# 1139
Delta R.T. -0.010 min
Lab File: VU050365.D
Acq: 17 Aug 2022 20:20

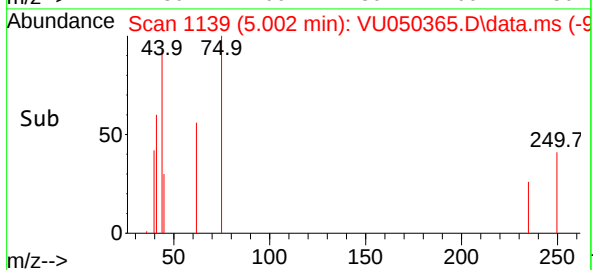
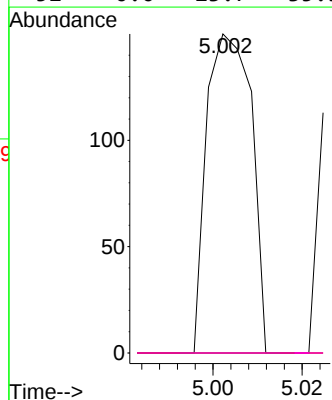
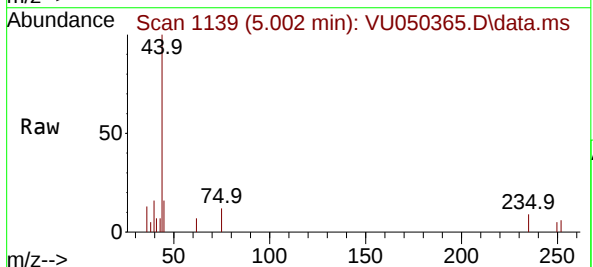
Instrument :
MSVOA_U
ClientSampleId :
WS-NAPHTHALENE

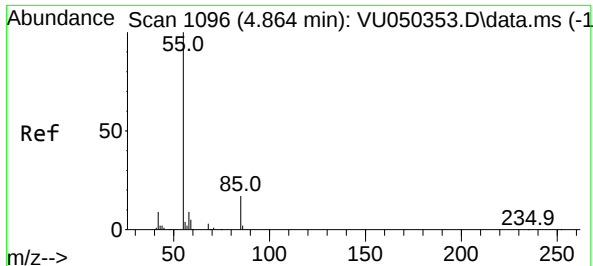
Tgt Ion: 78 Resp: 130
Ion Ratio Lower Upper
78 100
77 0.0 18.6 28.0#



#39
Methacrylonitrile
Concen: 0.027 ug/l
RT: 5.002 min Scan# 1139
Delta R.T. 0.010 min
Lab File: VU050365.D
Acq: 17 Aug 2022 20:20

Tgt Ion: 41 Resp: 104
Ion Ratio Lower Upper
41 100
67 0.0 59.4 89.0#
39 39.4 42.2 63.2#
52 0.0 23.7 35.5#





#40

Methyl acrylate

Concen: 0.006 ug/l

RT: 4.841 min Scan# 1

Delta R.T. -0.023 min

Lab File: VU050365.D

Acq: 17 Aug 2022 20:20

Instrument :

MSVOA_U

ClientSampleId :

WS-NAPHTHALENE

Tgt Ion: 55 Resp: 41

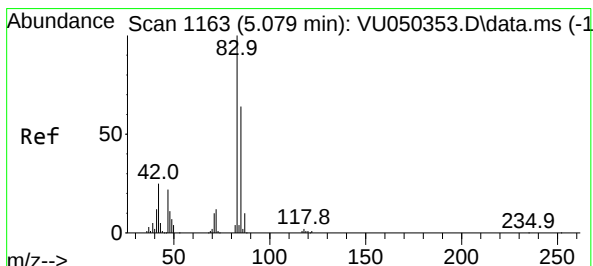
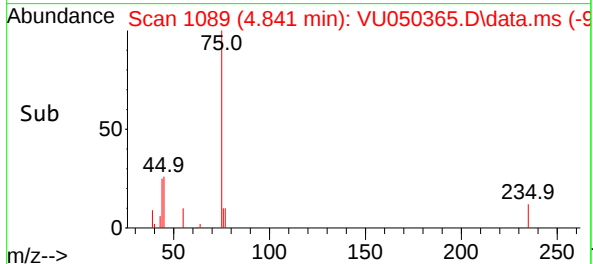
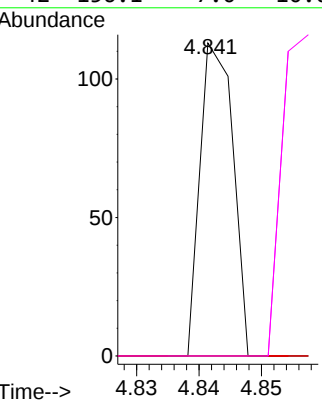
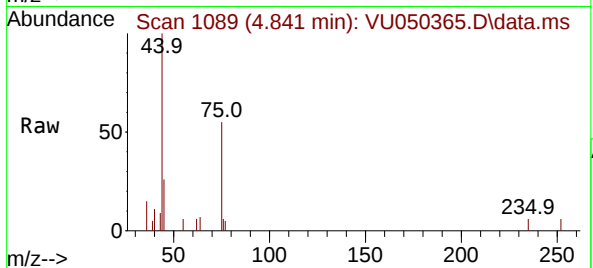
Ion Ratio Lower Upper

55 100

85 0.0 13.5 20.3#

58 0.0 7.0 10.4#

42 156.1 7.0 10.6#



#41

Tetrahydrofuran

Concen: 0.064 ug/l

RT: 5.073 min Scan# 1161

Delta R.T. -0.006 min

Lab File: VU050365.D

Acq: 17 Aug 2022 20:20

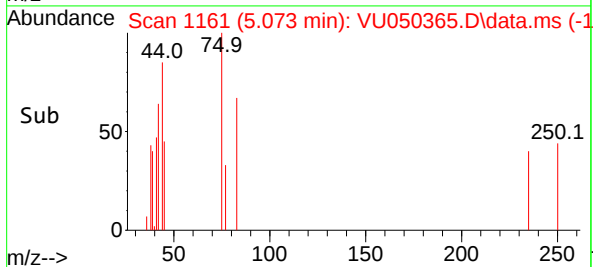
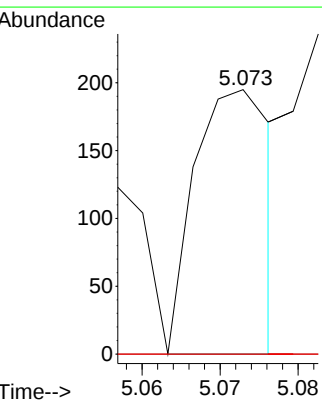
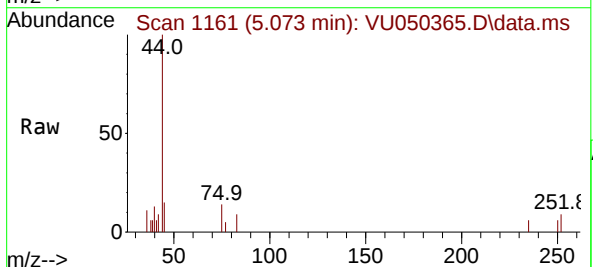
Tgt Ion: 42 Resp: 133

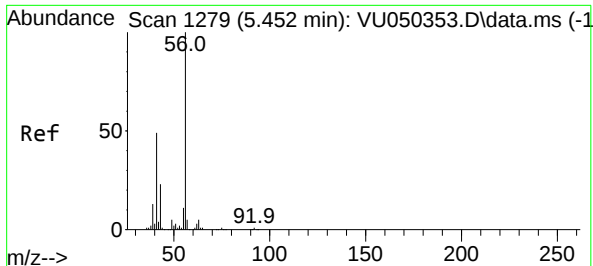
Ion Ratio Lower Upper

42 100

72 0.0 38.9 58.3#

71 0.0 33.7 50.5#





#42

1-Chlorobutane

Concen: 0.004 ug/l

RT: 5.452 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU050365.D

Acq: 17 Aug 2022 20:20

Instrument :

MSVOA_U

ClientSampleId :

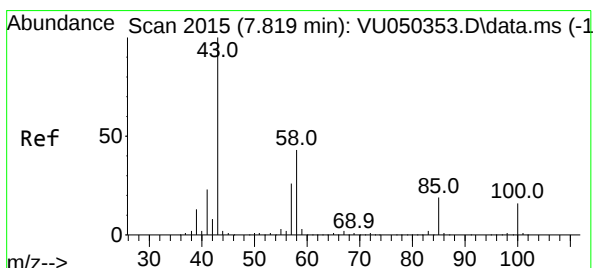
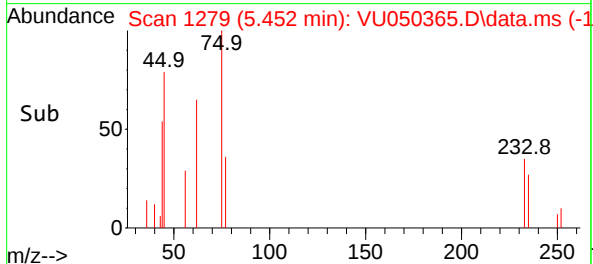
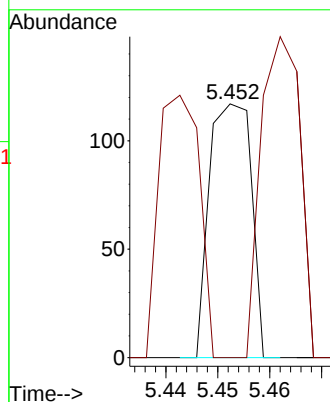
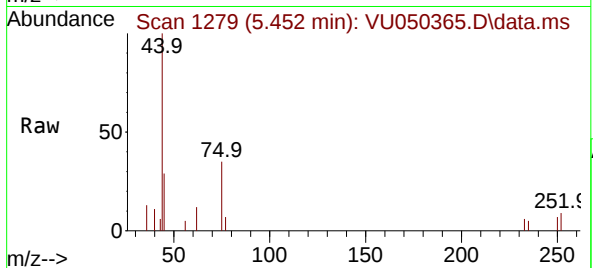
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Tgt Ion: 56 Resp: 65

Ion Ratio Lower Upper

56 100

41 118.5 26.4 79.2#



#45

4-Methyl-2-Pentanone

Concen: 15.227 ug/l

RT: 7.828 min Scan# 2018

Delta R.T. 0.010 min

Lab File: VU050365.D

Acq: 17 Aug 2022 20:20

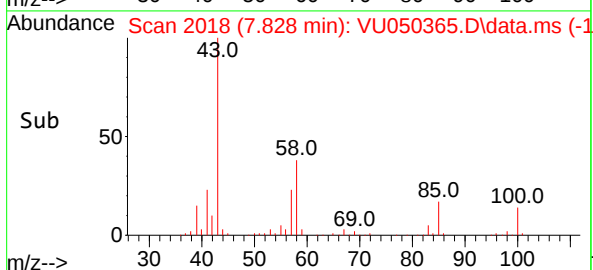
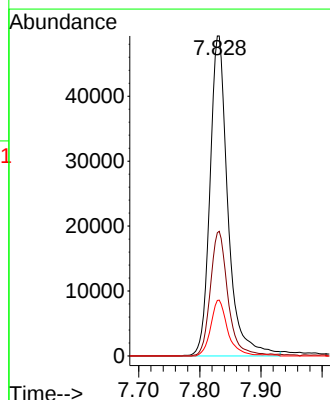
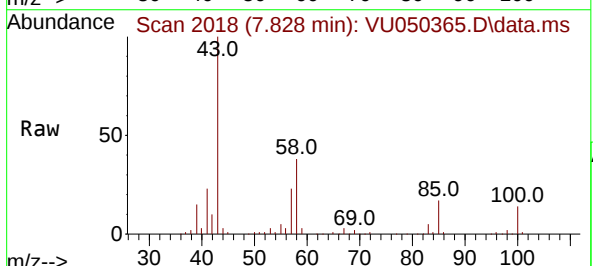
Tgt Ion: 43 Resp: 100973

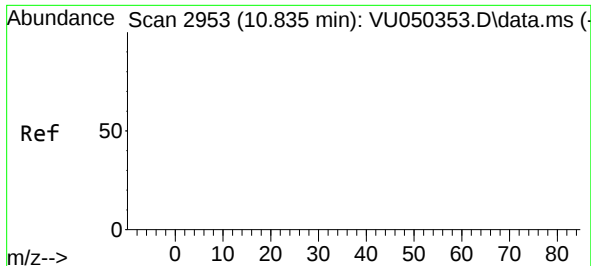
Ion Ratio Lower Upper

43 100

58 38.0 20.3 61.0

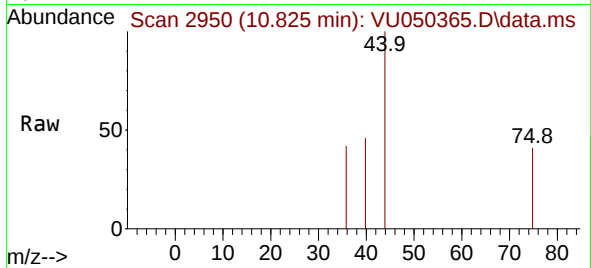
85 16.6 14.6 21.8



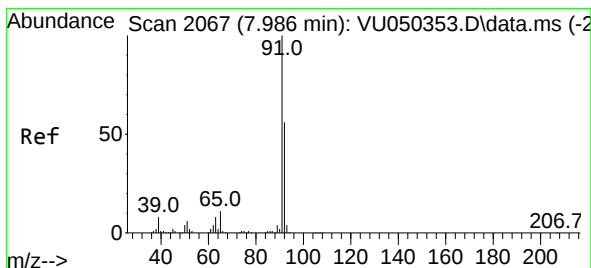
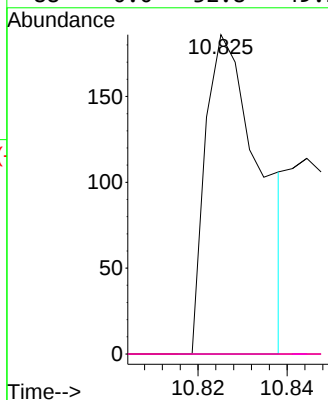
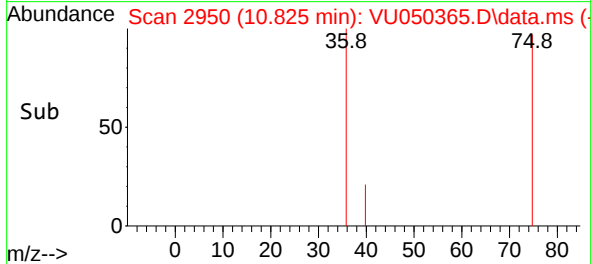


#46
t-1,4-Dichloro-2-butene
Concen: 0.069 ug/l
RT: 10.825 min Scan# 2953
Delta R.T. -0.010 min
Lab File: VU050365.D
Acq: 17 Aug 2022 20:20

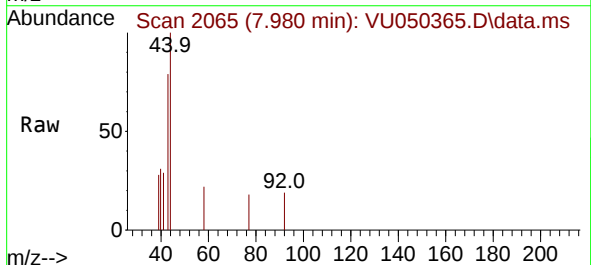
Instrument :
MSVOA_U
ClientSampleId :
WS-NAPHTHALENE



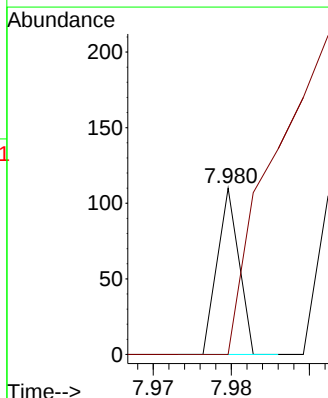
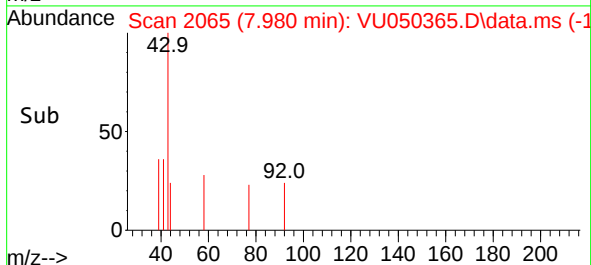
Tgt Ion:	75	Resp:	159
Ion	Ratio	Lower	Upper
75	100		
53	0.0	64.4	96.6#
89	0.0	44.2	66.2#
88	0.0	32.8	49.2#

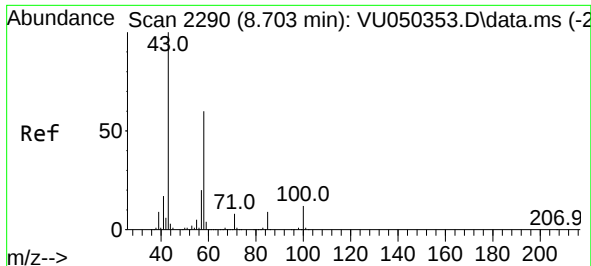


#49
Toluene
Concen: 0.001 ug/l
RT: 7.980 min Scan# 2065
Delta R.T. -0.006 min
Lab File: VU050365.D
Acq: 17 Aug 2022 20:20



Tgt Ion:	92	Resp:	21
Ion	Ratio	Lower	Upper
92	100		
91	0.0	138.6	207.8#





#54

2-Hexanone

Concen: 0.077 ug/l

RT: 8.722 min Scan# 21

Delta R.T. 0.019 min

Lab File: VU050365.D

Acq: 17 Aug 2022 20:20

Instrument :

MSVOA_U

ClientSampleId :

WS-NAPHTHALENE

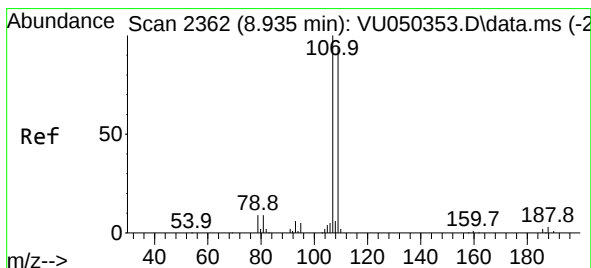
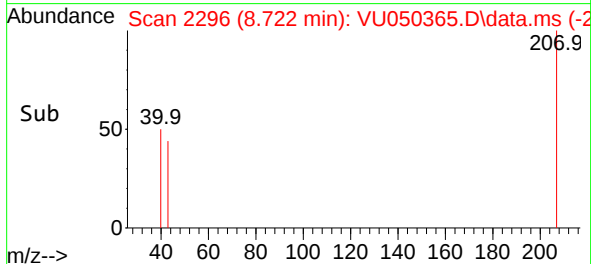
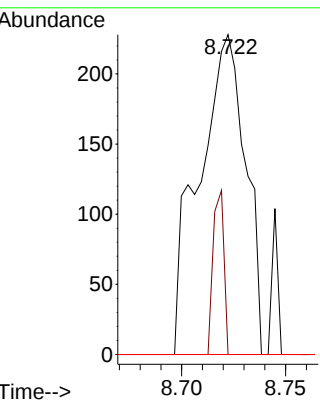
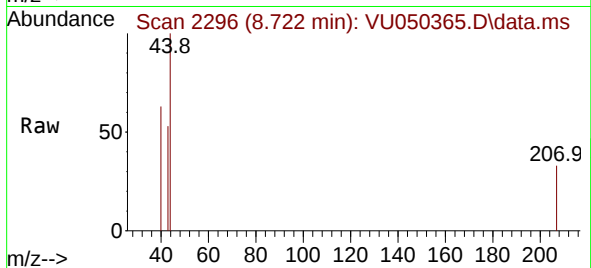
Tgt Ion: 43 Resp: 356

Ion Ratio Lower Upper

43 100

58 11.8 37.1 77.1#

57 0.0 0.0 39.5



#56

1,2-Dibromoethane

Concen: 0.002 ug/l

RT: 8.947 min Scan# 2366

Delta R.T. 0.013 min

Lab File: VU050365.D

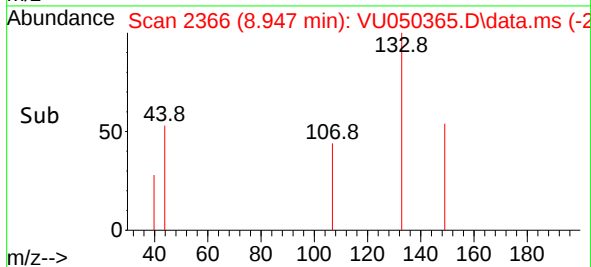
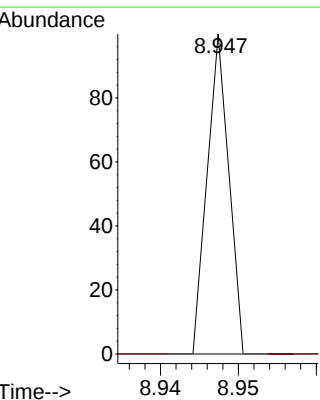
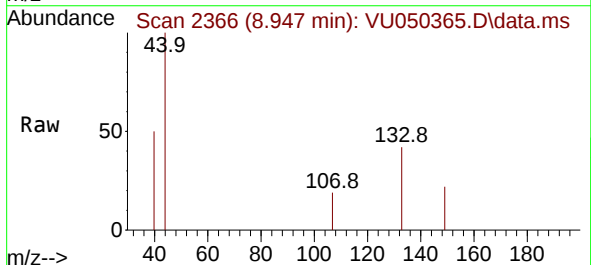
Acq: 17 Aug 2022 20:20

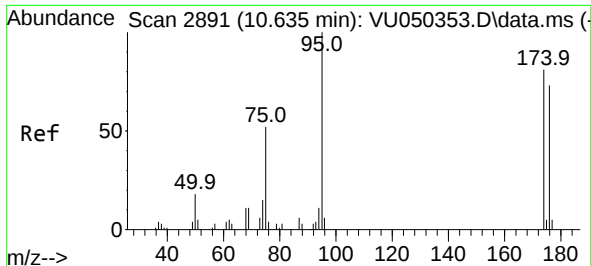
Tgt Ion: 107 Resp: 19

Ion Ratio Lower Upper

107 100

109 0.0 0.0 187.2

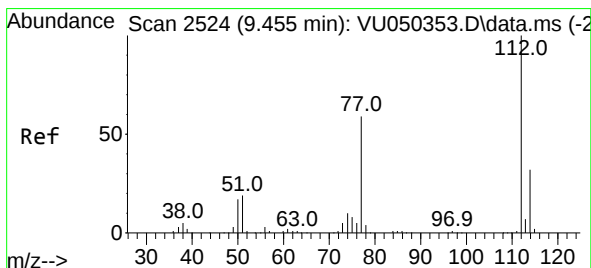
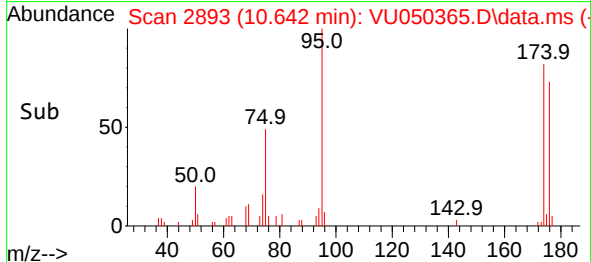
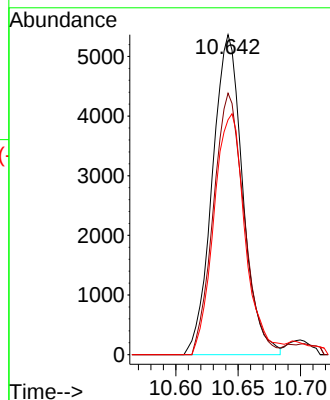
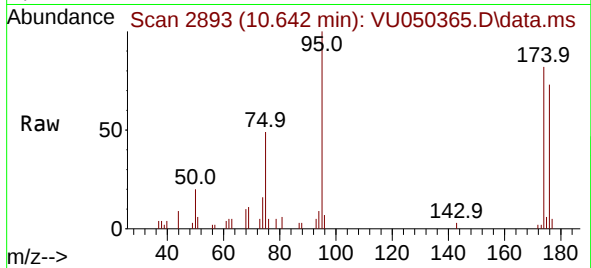




#57
4-Bromofluorobenzene
Concen: 0.748 ug/l
RT: 10.642 min Scan# 2893
Delta R.T. 0.006 min
Lab File: VU050365.D
Acq: 17 Aug 2022 20:20

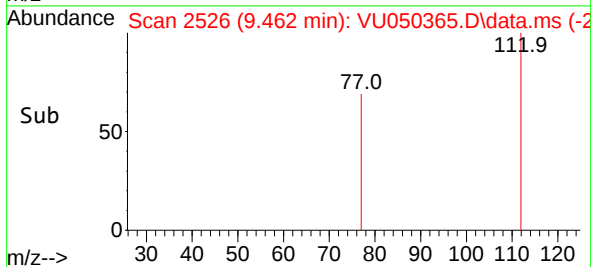
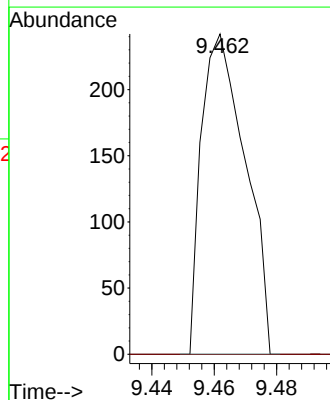
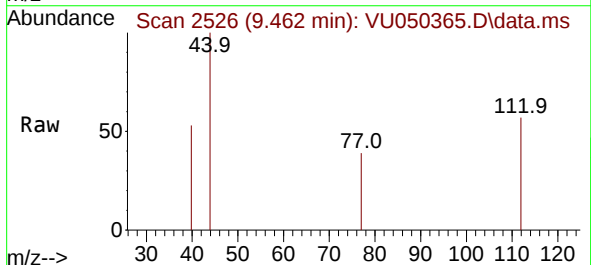
Instrument :
MSVOA_U
ClientSampleId :
WS-NAPHTHALENE

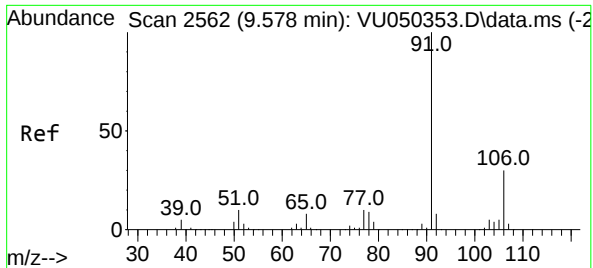
Tgt Ion: 95 Resp: 9110
Ion Ratio Lower Upper
95 100
174 82.6 62.4 93.6
176 77.8 56.2 84.2



#59
Chlorobenzene
Concen: 0.010 ug/l
RT: 9.462 min Scan# 2526
Delta R.T. 0.007 min
Lab File: VU050365.D
Acq: 17 Aug 2022 20:20

Tgt Ion: 112 Resp: 237
Ion Ratio Lower Upper
112 100
114 0.0 24.9 37.3#

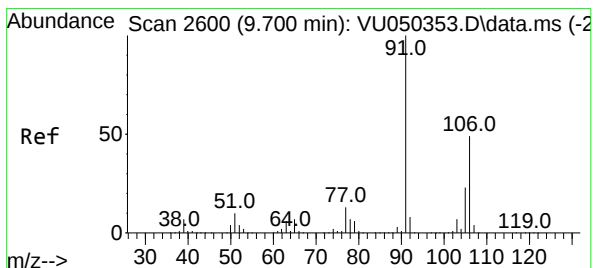
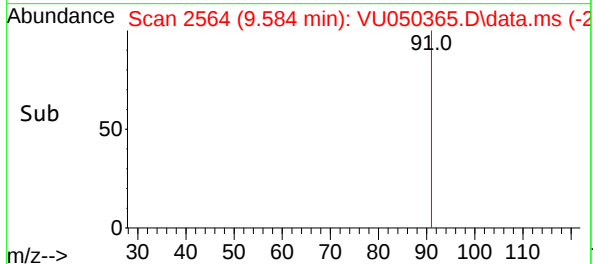
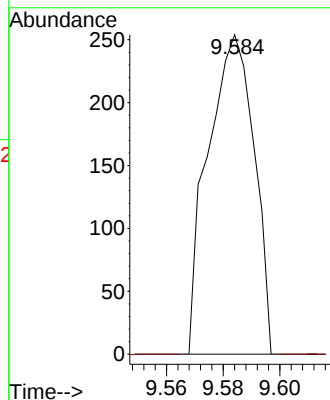
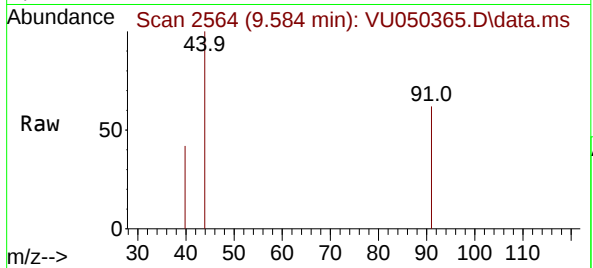




#63
Ethyl Benzene
Concen: 0.466 ug/l
RT: 9.584 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU050365.D
Acq: 17 Aug 2022 20:20

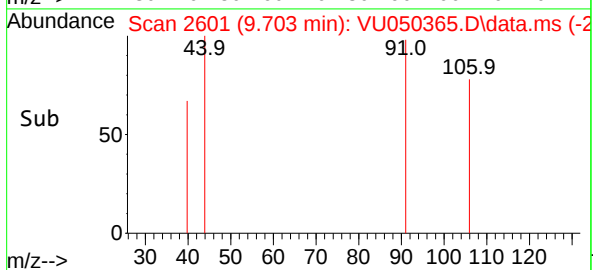
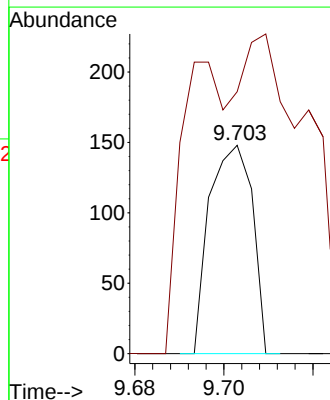
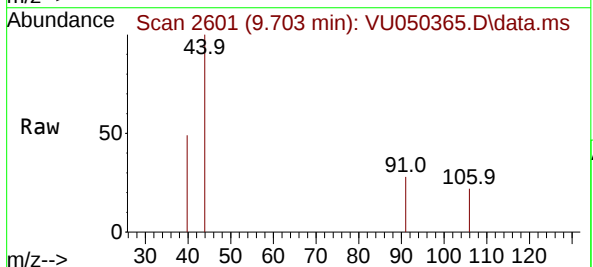
Instrument :
MSVOA_U
ClientSampleId :
WS-NAPHTHALENE

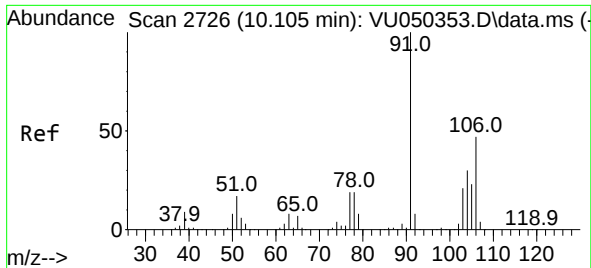
Tgt Ion: 91 Resp: 286
Ion Ratio Lower Upper
91 100
106 0.0 24.4 36.6#



#64
m/p-Xylenes
Concen: 0.868 ug/l
RT: 9.703 min Scan# 2601
Delta R.T. 0.003 min
Lab File: VU050365.D
Acq: 17 Aug 2022 20:20

Tgt Ion: 106 Resp: 99
Ion Ratio Lower Upper
106 100
91 143.4 167.8 251.6#

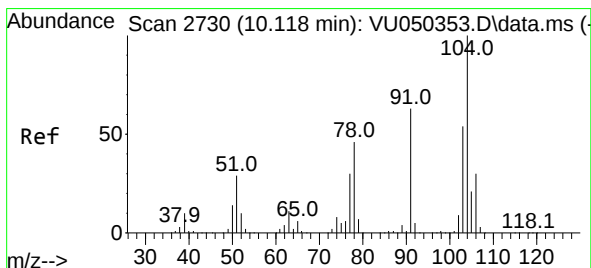
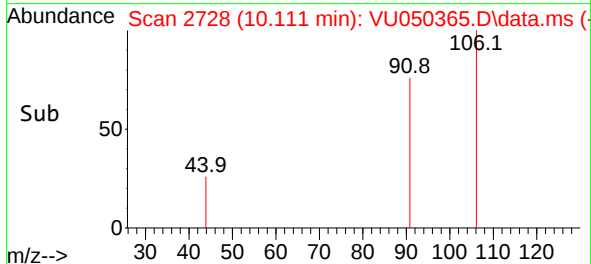
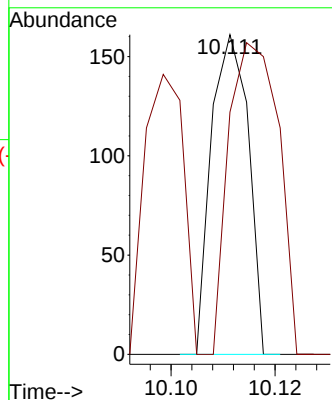
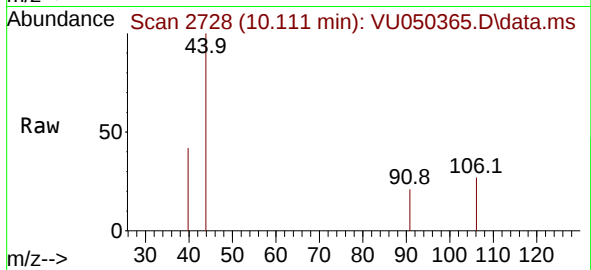




#65
o-Xylene
Concen: 0.380 ug/l
RT: 10.111 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU050365.D
Acq: 17 Aug 2022 20:20

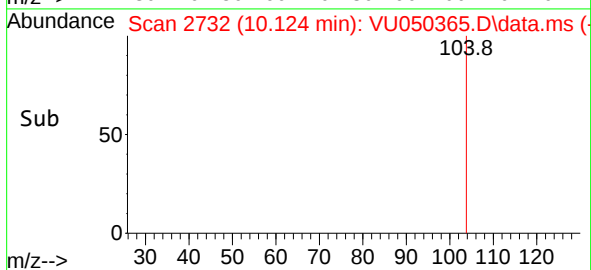
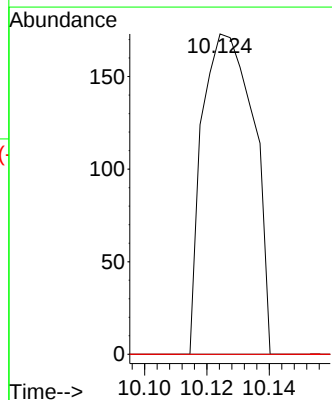
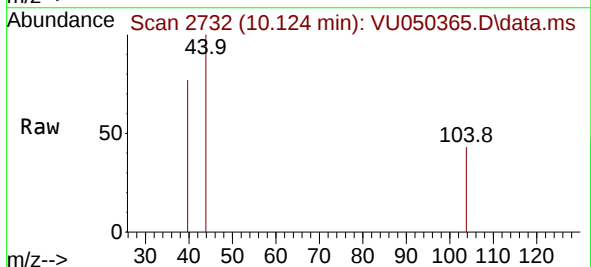
Instrument :
MSVOA_U
ClientSampleId :
WS-NAPHTHALENE

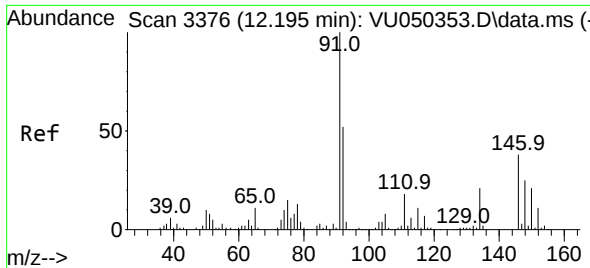
Tgt Ion:106 Resp: 80
Ion Ratio Lower Upper
106 100
91 131.3 111.1 333.2



#66
Styrene
Concen: 0.498 ug/l
RT: 10.124 min Scan# 2732
Delta R.T. 0.006 min
Lab File: VU050365.D
Acq: 17 Aug 2022 20:20

Tgt Ion:104 Resp: 197
Ion Ratio Lower Upper
104 100
78 0.0 42.1 63.1#
103 0.0 44.5 66.7#

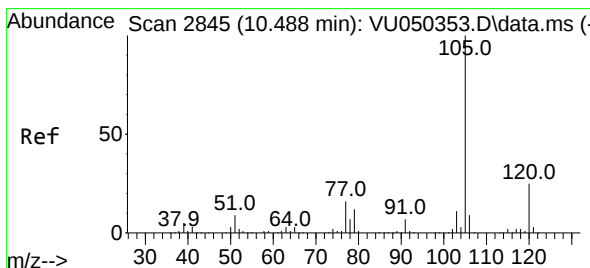
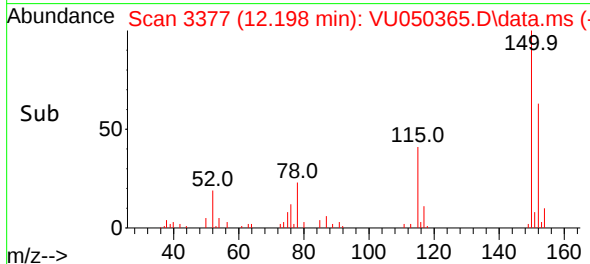
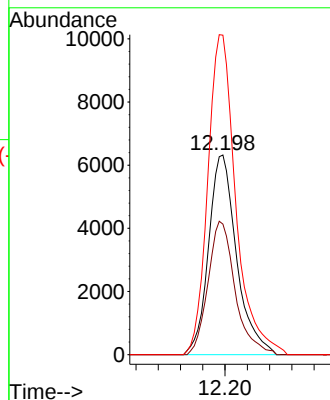
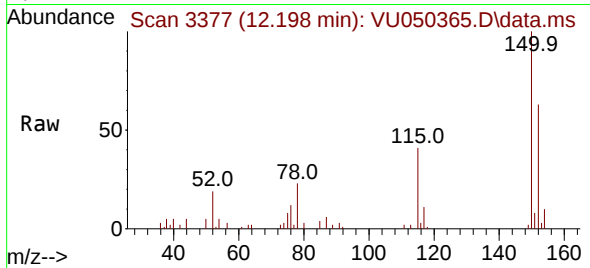




#68
1,2-Dichlorobenzene-d4
Concen: 0.809 ug/l
RT: 12.198 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU050365.D
Acq: 17 Aug 2022 20:20

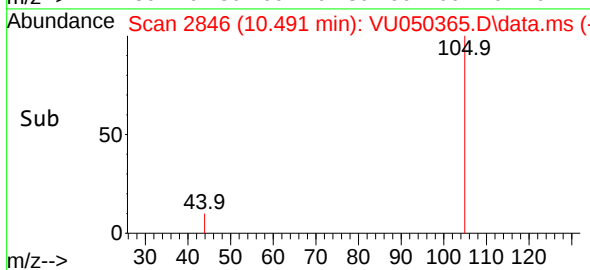
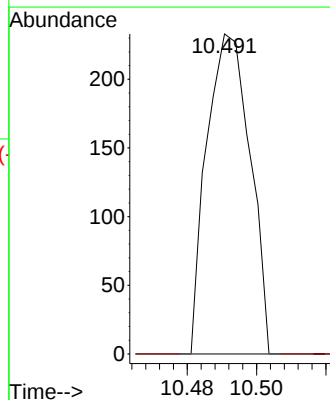
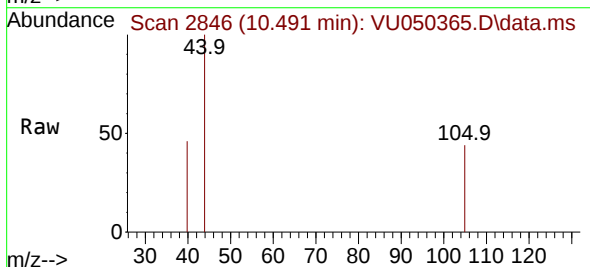
Instrument :
MSVOA_U
ClientSampleId :
WS-NAPHTHALENE

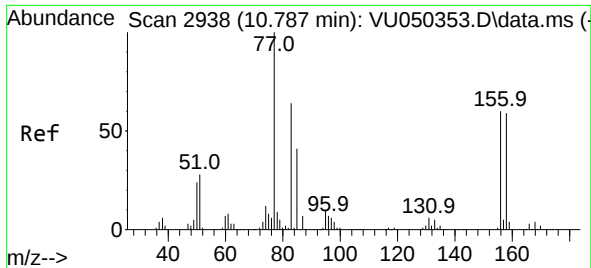
Tgt Ion:152 Resp: 11060
Ion Ratio Lower Upper
152 100
115 64.6 0.0 254.6
150 160.1 0.0 623.6



#69
Isopropylbenzene
Concen: 0.467 ug/l
RT: 10.491 min Scan# 2846
Delta R.T. 0.003 min
Lab File: VU050365.D
Acq: 17 Aug 2022 20:20

Tgt Ion:105 Resp: 202
Ion Ratio Lower Upper
105 100
120 0.0 12.6 37.8#

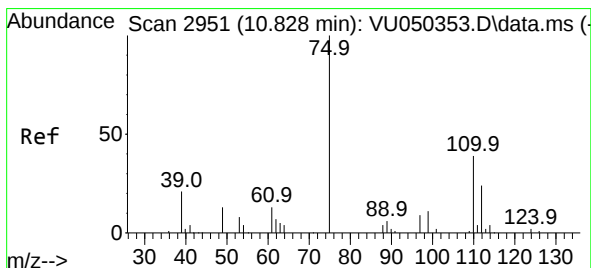
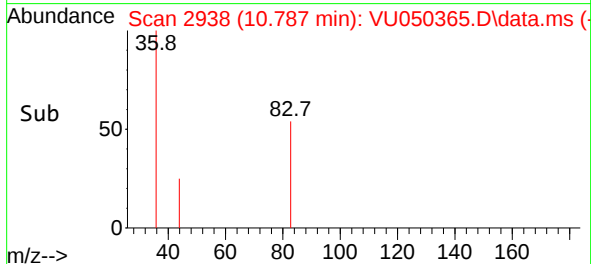
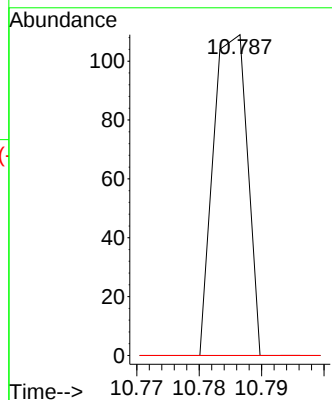
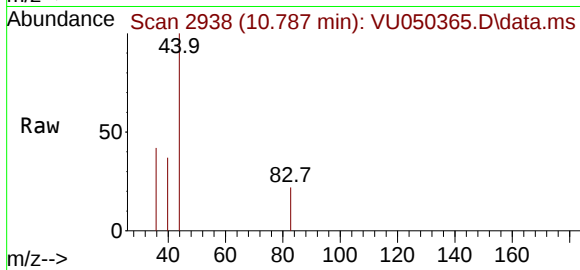




#70
1,1,2,2-Tetrachloroethane
Concen: 0.003 ug/l
RT: 10.787 min Scan# 2938
Delta R.T. -0.000 min
Lab File: VU050365.D
Acq: 17 Aug 2022 20:20

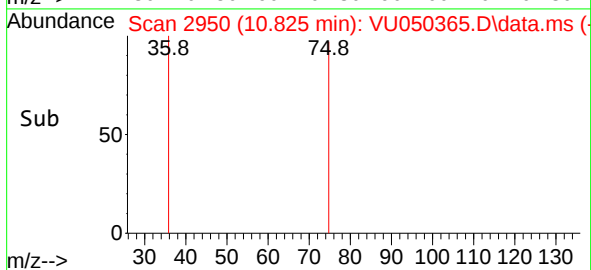
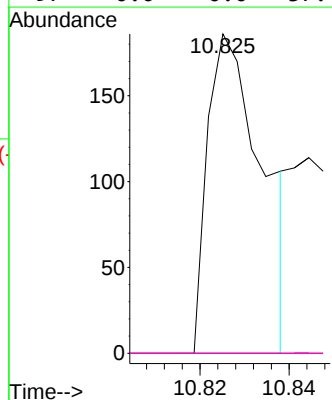
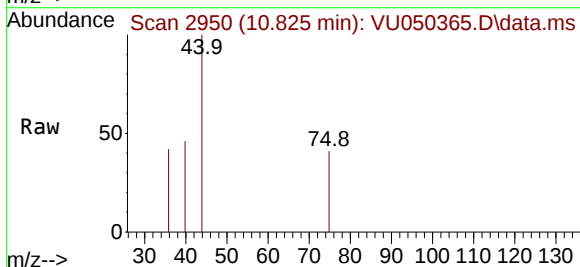
Instrument :
MSVOA_U
ClientSampleId :
WS-NAPHTHALENE

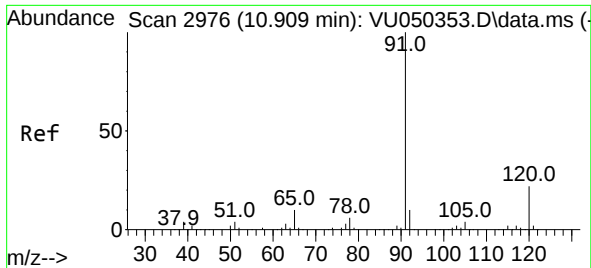
Tgt Ion: 83 Resp: 41
Ion Ratio Lower Upper
83 100
131 0.0 7.7 11.5#
85 0.0 51.2 76.8#



#71
1,2,3-Trichloropropane
Concen: 0.018 ug/l
RT: 10.825 min Scan# 2950
Delta R.T. -0.003 min
Lab File: VU050365.D
Acq: 17 Aug 2022 20:20

Tgt Ion: 75 Resp: 159
Ion Ratio Lower Upper
75 100
77 0.0 0.0 112.4
110 0.0 0.0 70.6
97 0.0 0.0 37.4

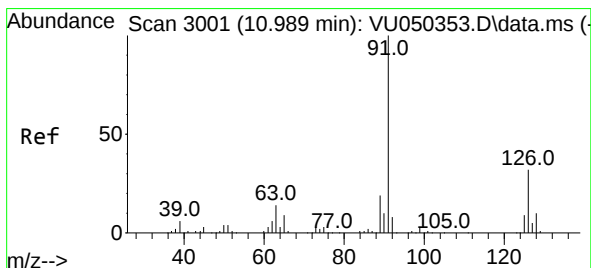
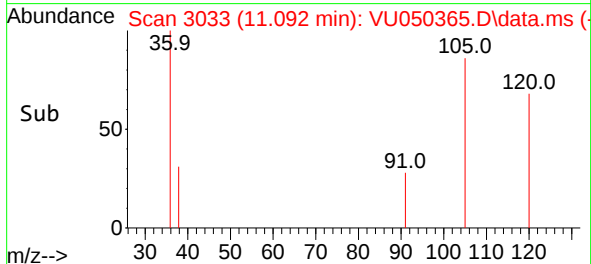
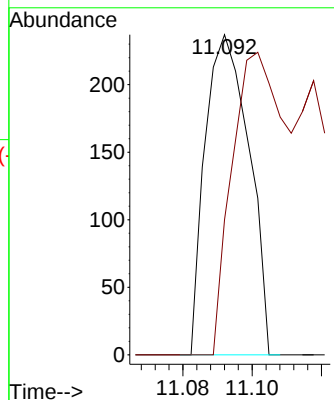
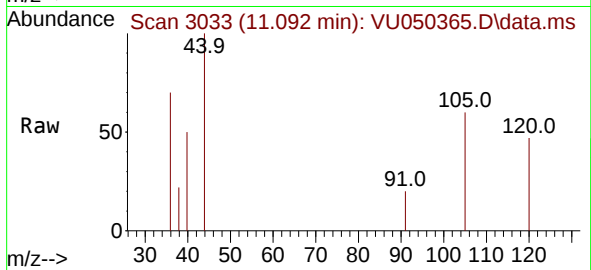




#73
n-propylbenzene
Concen: 0.542 ug/l
RT: 11.092 min Scan# 3033
Delta R.T. 0.183 min
Lab File: VU050365.D
Acq: 17 Aug 2022 20:20

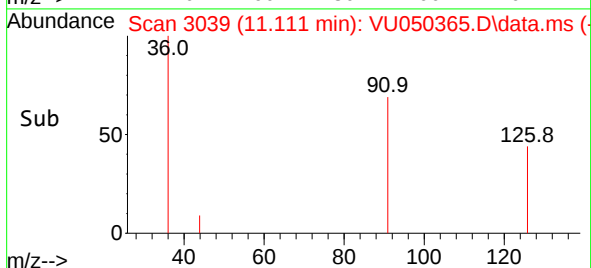
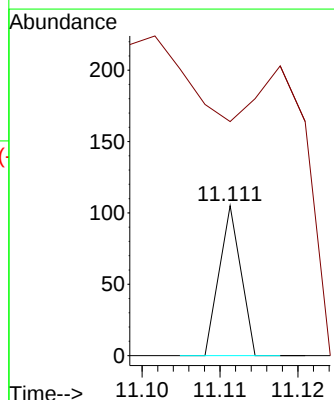
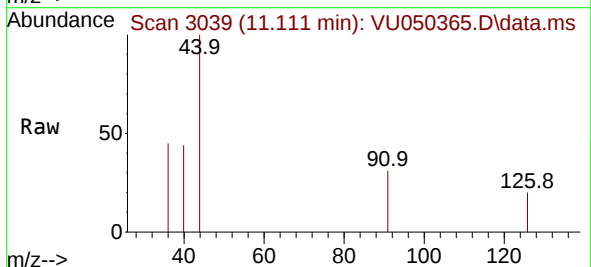
Instrument :
MSVOA_U
ClientSampleId :
WS-NAPHTHALENE

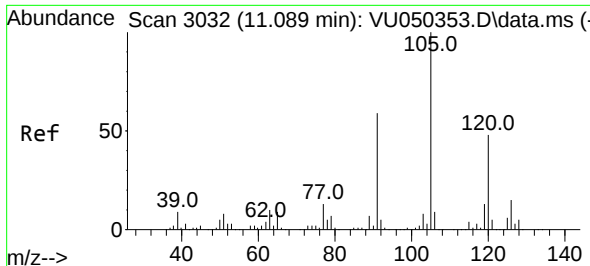
Tgt Ion:120 Resp: 208
Ion Ratio Lower Upper
120 100
91 115.4 367.8 551.6#



#74
2-Chlorotoluene
Concen: 0.325 ug/l
RT: 11.111 min Scan# 3039
Delta R.T. 0.122 min
Lab File: VU050365.D
Acq: 17 Aug 2022 20:20

Tgt Ion:126 Resp: 20
Ion Ratio Lower Upper
126 100
91 1200.0 0.0 620.6#

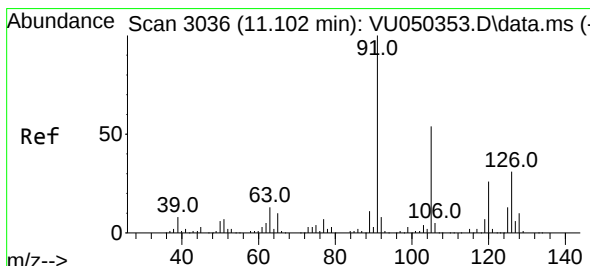
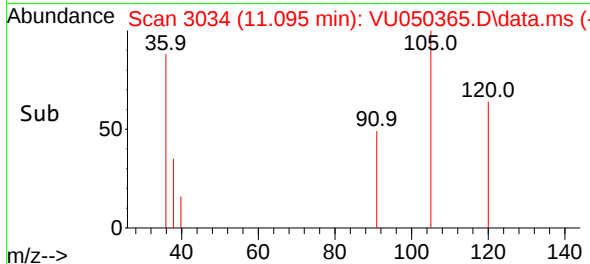
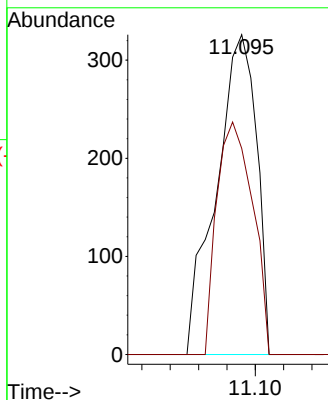
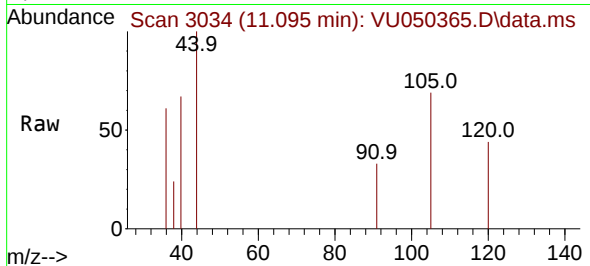




#75
1,3,5-Trimethylbenzene
Concen: 0.462 ug/l
RT: 11.095 min Scan# 3033
Delta R.T. 0.006 min
Lab File: VU050365.D
Acq: 17 Aug 2022 20:20

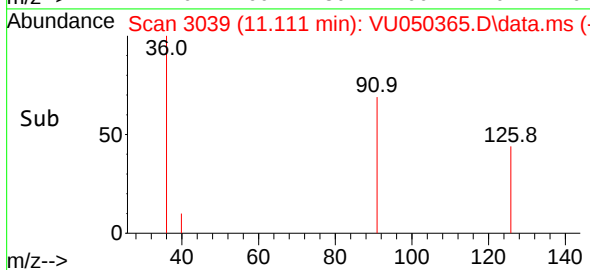
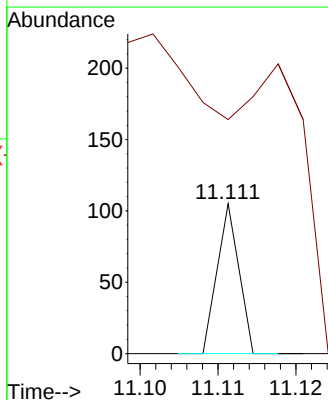
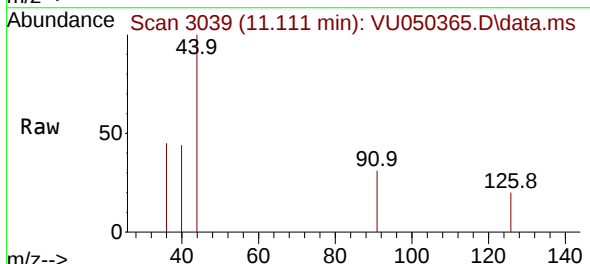
Instrument :
MSVOA_U
ClientSampleId :
WS-NAPHTHALENE

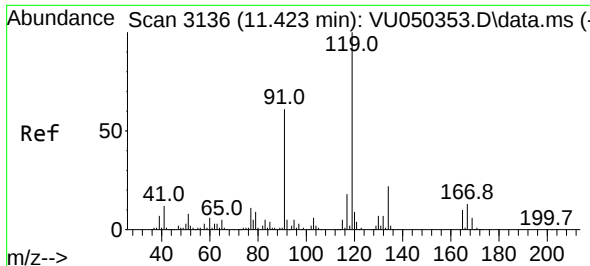
Tgt Ion:105 Resp: 323
Ion Ratio Lower Upper
105 100
120 64.4 37.6 56.4#



#76
4-Chlorotoluene
Concen: 0.315 ug/l
RT: 11.111 min Scan# 3039
Delta R.T. 0.009 min
Lab File: VU050365.D
Acq: 17 Aug 2022 20:20

Tgt Ion:126 Resp: 20
Ion Ratio Lower Upper
126 100
91 1200.0 0.0 738.8#

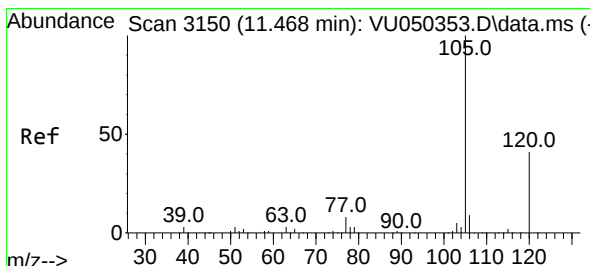
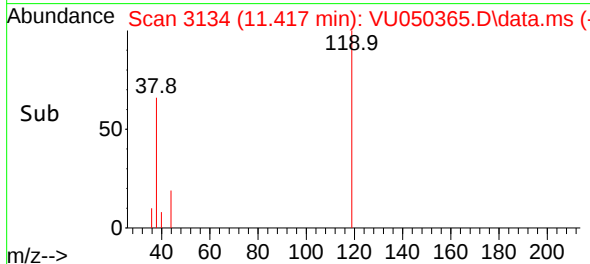
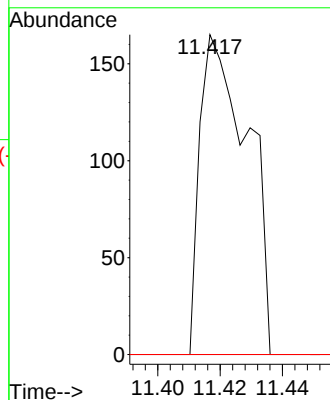
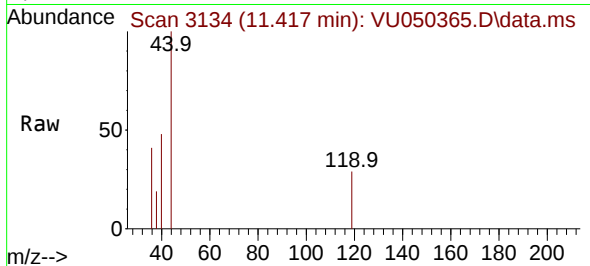




#77
tert-Butylbenzene
Concen: 0.413 ug/l
RT: 11.417 min Scan# 3136
Delta R.T. -0.006 min
Lab File: VU050365.D
Acq: 17 Aug 2022 20:20

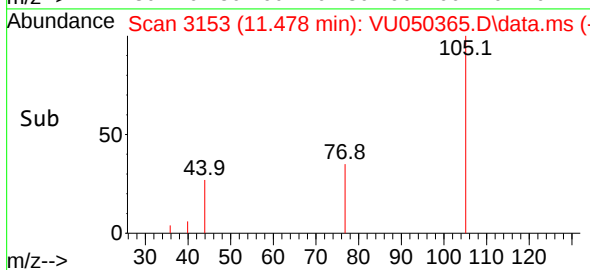
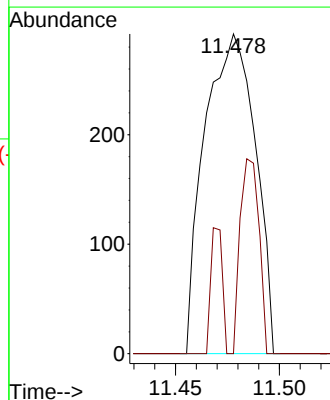
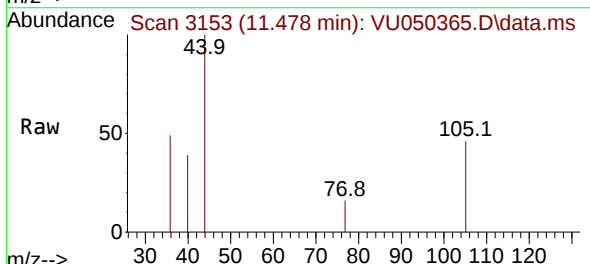
Instrument :
MSVOA_U
ClientSampleId :
WS-NAPHTHALENE

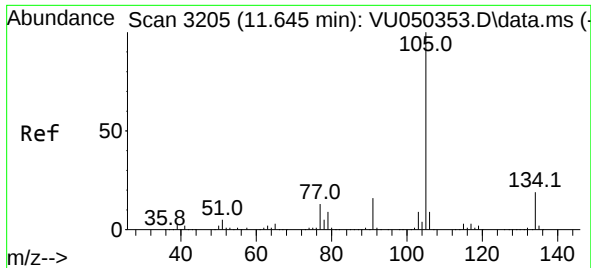
Tgt Ion:119 Resp: 175
Ion Ratio Lower Upper
119 100
91 0.0 30.4 91.3#
134 0.0 17.8 26.6#



#78
1,2,4-Trimethylbenzene
Concen: 0.411 ug/l
RT: 11.478 min Scan# 3153
Delta R.T. 0.010 min
Lab File: VU050365.D
Acq: 17 Aug 2022 20:20

Tgt Ion:105 Resp: 494
Ion Ratio Lower Upper
105 100
120 22.7 21.6 65.0

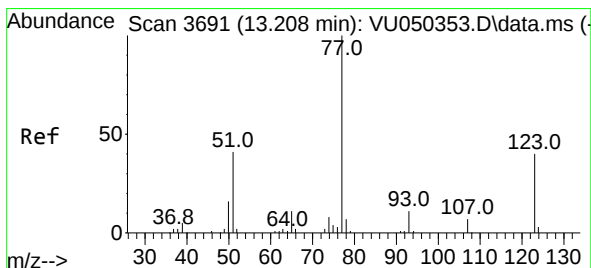
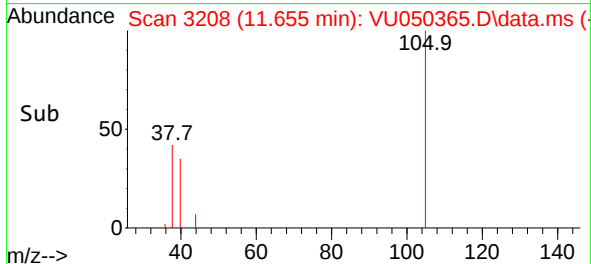
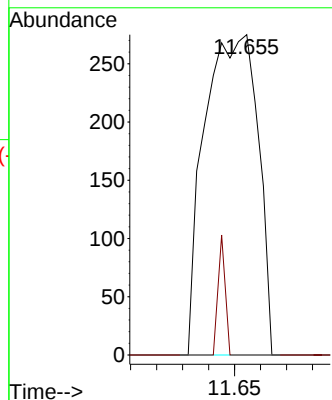
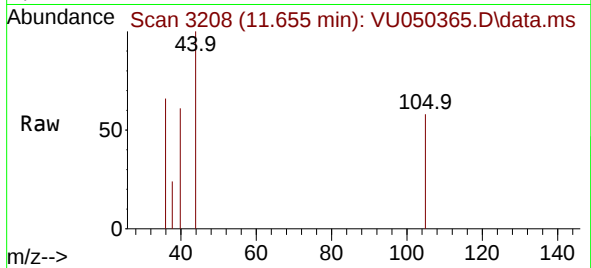




#79
 sec-Butylbenzene
 Concen: 0.009 ug/l
 RT: 11.655 min Scan# 31
 Delta R.T. 0.010 min
 Lab File: VU050365.D
 Acq: 17 Aug 2022 20:20

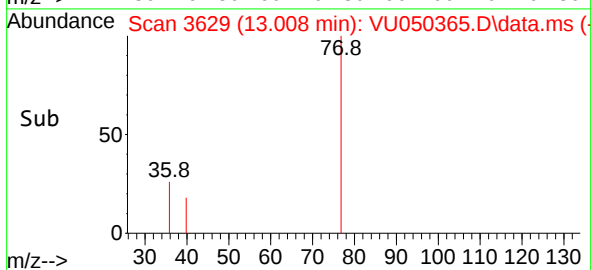
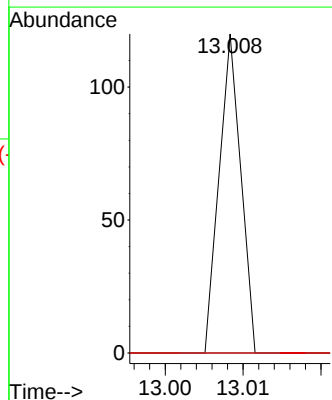
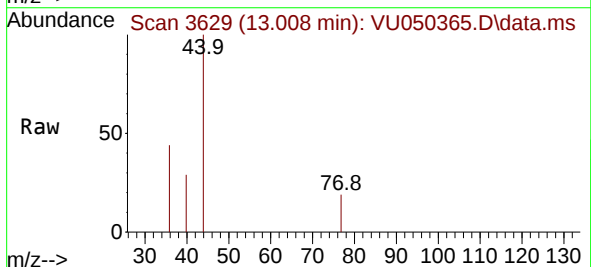
Instrument :
 MSVOA_U
 ClientSampleId :
 WS-NAPHTHALENE

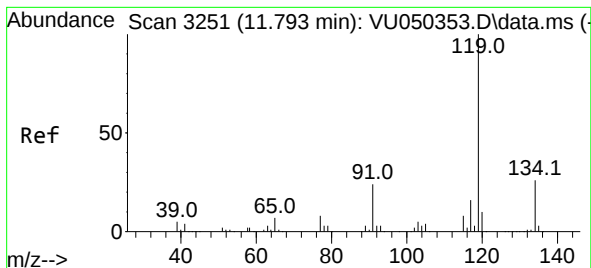
Tgt Ion:105 Resp: 391
 Ion Ratio Lower Upper
 105 100
 134 5.1 15.4 23.0#



#80
 Nitrobenzene
 Concen: 0.030 ug/l
 RT: 13.008 min Scan# 3629
 Delta R.T. -0.200 min
 Lab File: VU050365.D
 Acq: 17 Aug 2022 20:20

Tgt Ion: 77 Resp: 23
 Ion Ratio Lower Upper
 77 100
 123 0.0 18.1 64.3#
 65 0.0 10.8 13.8#





#81

p-Isopropyltoluene

Concen: 0.534 ug/l

RT: 11.793 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU050365.D

Acq: 17 Aug 2022 20:20

Instrument :

MSVOA_U

ClientSampleId :

WS-NAPHTHALENE

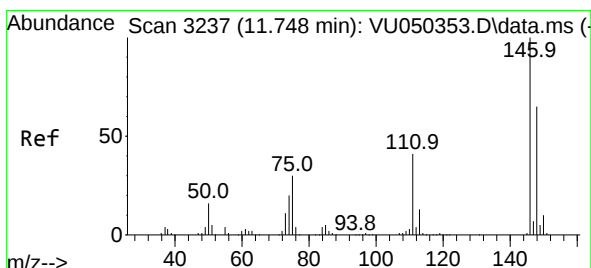
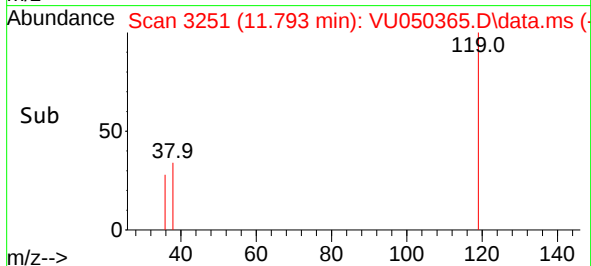
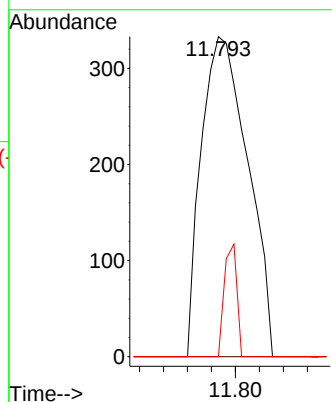
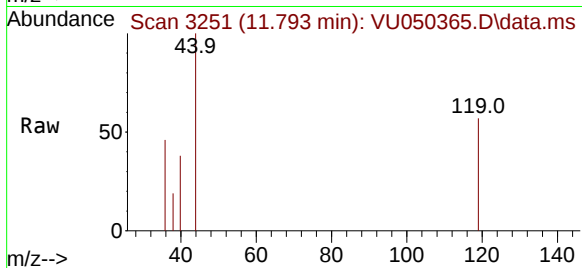
Tgt Ion:119 Resp: 448

Ion Ratio Lower Upper

119 100

134 4.5 20.5 30.7#

91 9.4 19.8 29.6#



#82

1,3-Dichlorobenzene

Concen: 0.011 ug/l

RT: 11.758 min Scan# 3240

Delta R.T. 0.010 min

Lab File: VU050365.D

Acq: 17 Aug 2022 20:20

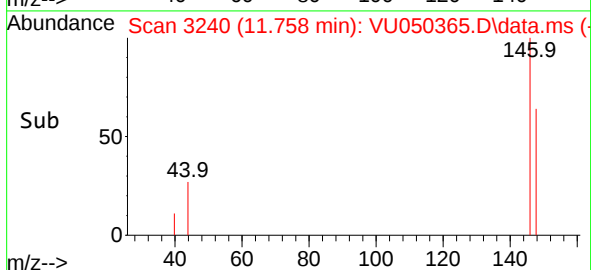
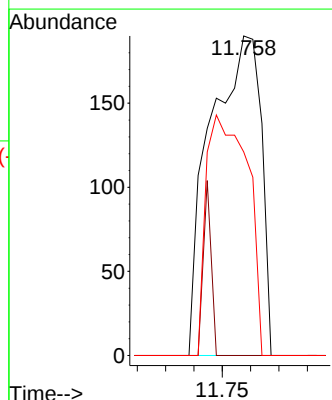
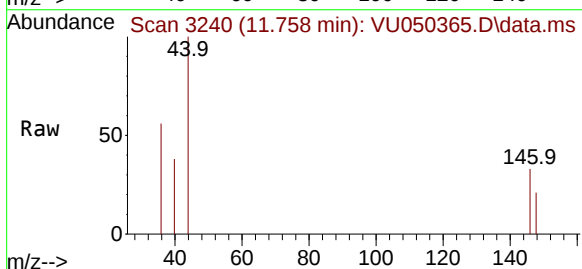
Tgt Ion:146 Resp: 235

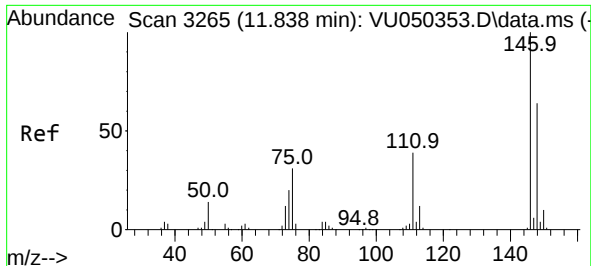
Ion Ratio Lower Upper

146 100

111 8.5 33.4 50.2#

148 61.7 51.2 76.8

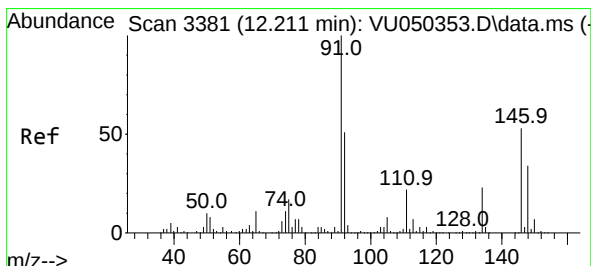
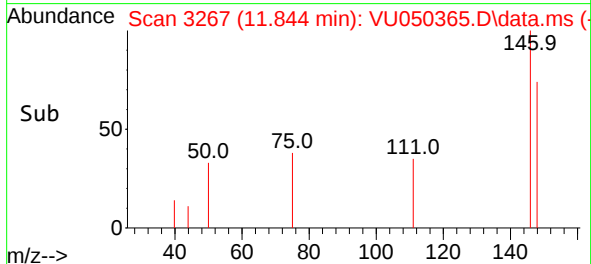
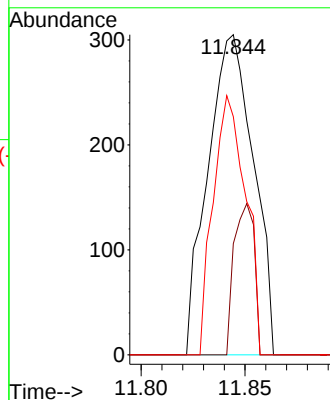
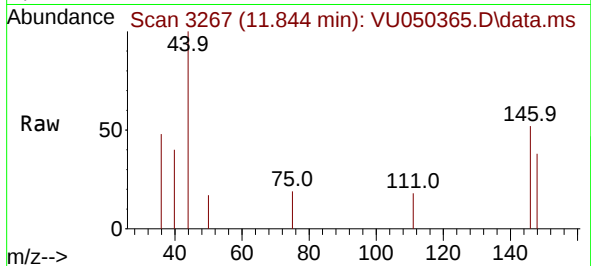




#83
1,4-Dichlorobenzene
Concen: 0.022 ug/l
RT: 11.844 min Scan# 31
Delta R.T. 0.006 min
Lab File: VU050365.D
Acq: 17 Aug 2022 20:20

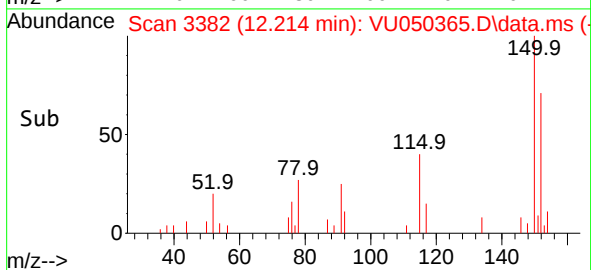
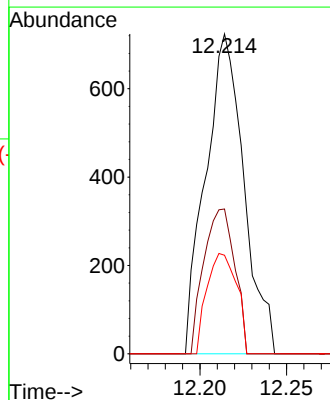
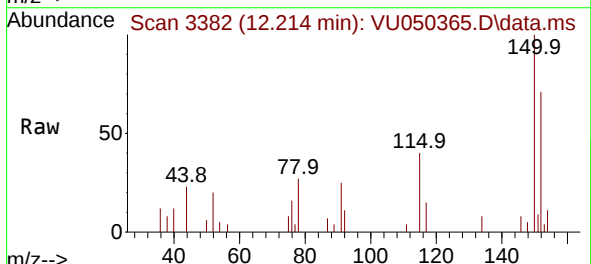
Instrument :
MSVOA_U
ClientSampleId :
WS-NAPHTHALENE

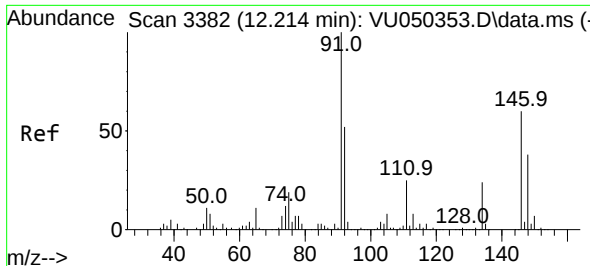
Tgt Ion:146 Resp: 466
Ion Ratio Lower Upper
146 100
111 20.8 32.6 49.0#
148 57.5 51.6 77.4



#84
n-Butylbenzene
Concen: 0.583 ug/l
RT: 12.214 min Scan# 3382
Delta R.T. 0.003 min
Lab File: VU050365.D
Acq: 17 Aug 2022 20:20

Tgt Ion: 91 Resp: 1113
Ion Ratio Lower Upper
91 100
92 36.6 42.3 63.5#
134 24.3 19.6 29.4

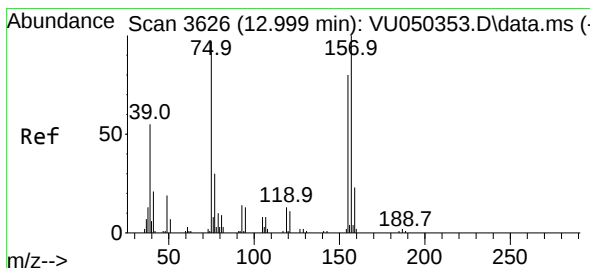
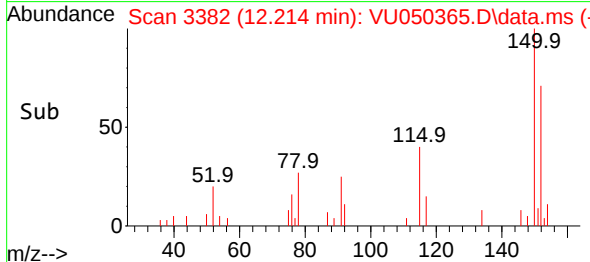
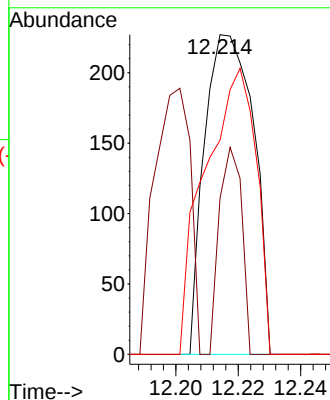
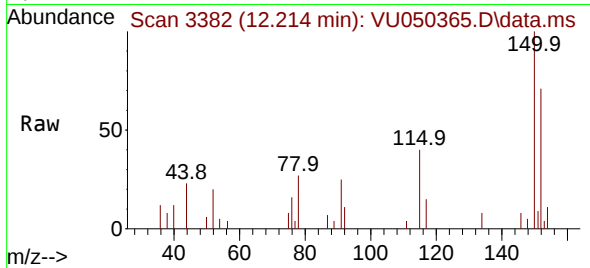




#85
1,2-Dichlorobenzene
Concen: 0.012 ug/l
RT: 12.214 min Scan# 311
Delta R.T. -0.000 min
Lab File: VU050365.D
Acq: 17 Aug 2022 20:20

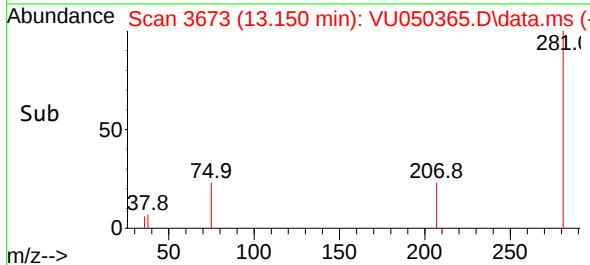
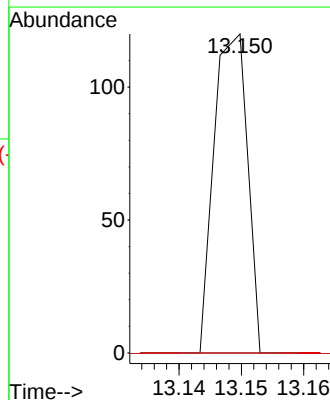
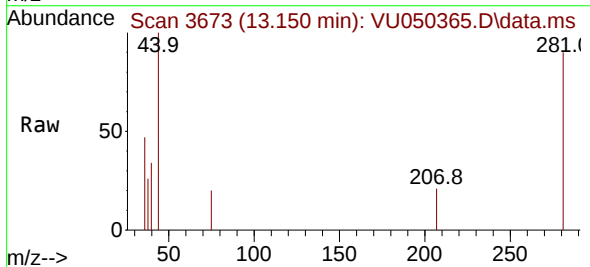
Instrument :
MSVOA_U
ClientSampleId :
WS-NAPHTHALENE

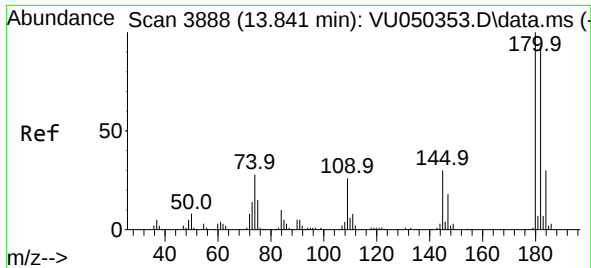
Tgt Ion:	146	Resp:	247
Ion	Ratio	Lower	Upper
146	100		
111	30.0	22.1	66.1
148	93.5	32.1	96.3



#86
1,2-Dibromo-3-Chloropropane
Concen: 0.022 ug/l
RT: 13.150 min Scan# 3673
Delta R.T. 0.151 min
Lab File: VU050365.D
Acq: 17 Aug 2022 20:20

Tgt Ion:	75	Resp:	45
Ion	Ratio	Lower	Upper
75	100		
155	0.0	66.8	100.2#
157	0.0	83.8	125.8#

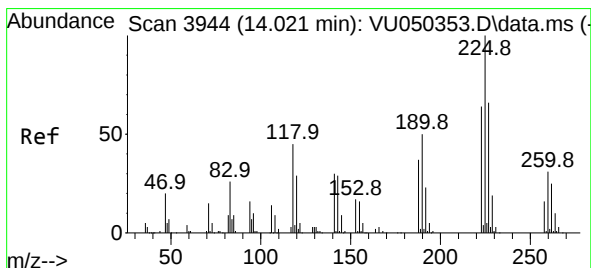
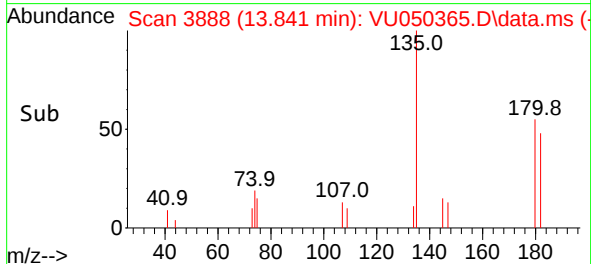
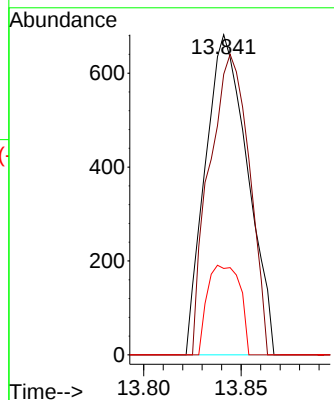
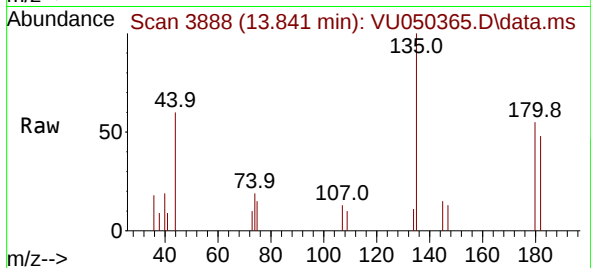




#87
 1,2,4-Trichlorobenzene
 Concen: 0.513 ug/l
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.000 min
 Lab File: VU050365.D
 Acq: 17 Aug 2022 20:20

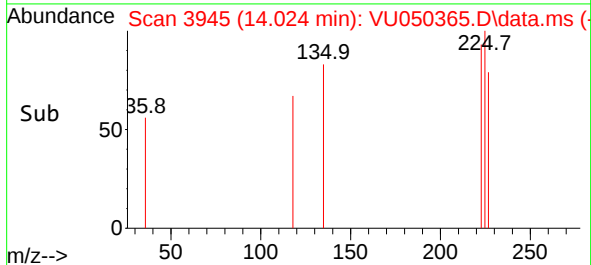
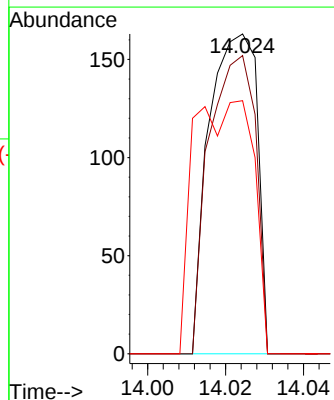
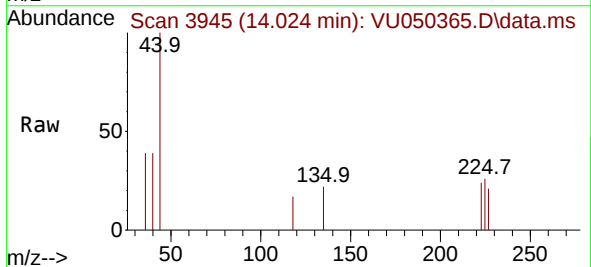
Instrument :
 MSVOA_U
 ClientSampleId :
 WS-NAPHTHALENE

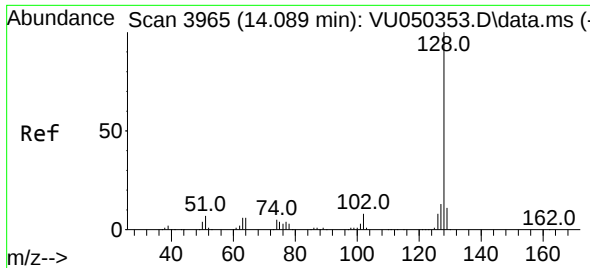
Tgt Ion:180 Resp: 1026
 Ion Ratio Lower Upper
 180 100
 182 89.0 77.0 115.6
 145 21.5 25.7 38.5#



#88
 Hexachlorobutadiene
 Concen: 0.019 ug/l
 RT: 14.024 min Scan# 3945
 Delta R.T. 0.003 min
 Lab File: VU050365.D
 Acq: 17 Aug 2022 20:20

Tgt Ion:225 Resp: 139
 Ion Ratio Lower Upper
 225 100
 223 90.6 50.6 76.0#
 227 49.6 50.7 76.1#

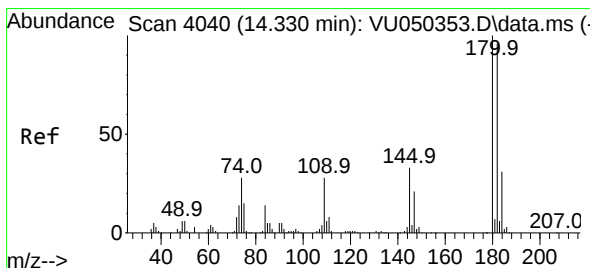
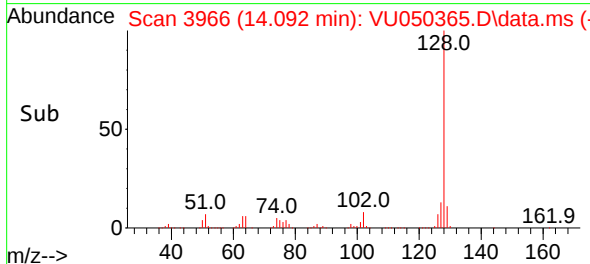
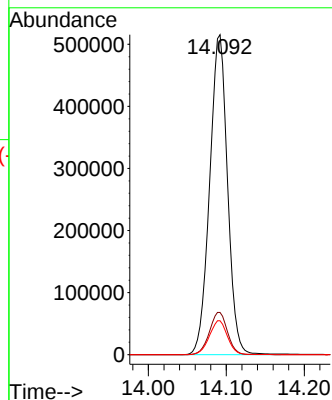
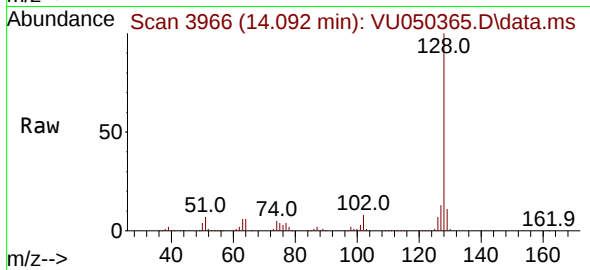




#89
Naphthalene
Concen: 22.828 ug/l
RT: 14.092 min Scan# 3966
Delta R.T. 0.003 min
Lab File: VU050365.D
Acq: 17 Aug 2022 20:20

Instrument :
MSVOA_U
ClientSampleId :
WS-NAPHTHALENE

Tgt Ion:128 Resp: 820309
Ion Ratio Lower Upper
128 100
127 13.4 10.1 15.1
129 10.8 8.6 12.8



#90
1,2,3-Trichlorobenzene
Concen: 0.533 ug/l
RT: 14.333 min Scan# 4041
Delta R.T. 0.003 min
Lab File: VU050365.D
Acq: 17 Aug 2022 20:20

Tgt Ion:180 Resp: 1444
Ion Ratio Lower Upper
180 100
182 97.1 76.6 114.8
145 28.7 27.3 40.9

