

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081922\
 Data File : VU050379.D
 Acq On : 19 Aug 2022 20:01
 Operator : SY/MD
 Sample : VU0819WBL02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0819WBL02

Quant Time: Aug 20 06:23:54 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	6.150	96	30342	1.000	ug/l	# 0.04
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.645	95	7800	0.755	ug/l	0.00
Spiked Amount 1.000			Recovery	=	76.000%	
68) 1,2-Dichlorobenzene-d4	12.198	152	9661	0.791	ug/l	0.00
Spiked Amount 1.000			Recovery	=	79.000%	
Target Compounds						
						Qvalue
3) Chloromethane	1.527	50	833	0.054	ug/l	# 42
5) Bromomethane	1.855	94	98	0.018	ug/l	97
6) Chloroethane	1.941	64	22	0.003	ug/l	# 42
9) 1,1-Dichloroethene	2.594	96	50	0.006	ug/l	1
11) Allyl Chloride	2.938	41	177	0.013	ug/l	# 17
13) Acetone	2.652	43	1102	0.588	ug/l	92
14) Carbon Disulfide	2.806	76	1150	0.042	ug/l	# 66
15) Methylene Chloride	3.076	84	2932	0.242	ug/l	89
16) trans-1,2-Dichloroethene	3.385	96	47	0.005	ug/l	# 57
18) 2-Butanone	4.752	43	1169	0.397	ug/l	75
19) Cyclohexane	5.375	56	139	0.010	ug/l	# 19
20) Methylcyclohexane	6.813	83	44	0.004	ug/l	# 18
21) 2,2-Dichloropropane	4.658	77	65	0.004	ug/l	# 52
24) tert-Butyl Alcohol	3.224	59	5691	7.009	ug/l	# 73
25) Methyl tert-Butyl Ether	3.401	73	70	0.003	ug/l	# 1
27) Chloroform	5.089	83	174	0.009	ug/l	99
29) 1,1-Dichloropropene	5.520	75	176	0.014	ug/l	# 1
31) Isopropyl Ether	4.031	45	155	0.005	ug/l	# 29
32) Ethyl-t-butyl ether	4.742	59	218	0.009	ug/l	# 35
33) Tert-Amyl methyl ether	6.137	73	181	0.012	ug/l	# 5
34) Propionitrile	4.581	54	20	0.023	ug/l	# 1
35) Benzene	5.784	78	281	0.008	ug/l	# 52
37) Trichloroethene	6.604	130	69	0.008	ug/l	# 1
39) Methacrylonitrile	5.002	41	166	0.046	ug/l	# 30
40) Methyl acrylate	4.890	55	80	0.015	ug/l	# 1
41) Tetrahydrofuran	5.083	42	115	0.064	ug/l	# 31
42) 1-Chlorobutane	5.375	56	139	0.008	ug/l	67
45) 4-Methyl-2-Pentanone	7.841	43	400	0.074	ug/l	# 42
46) t-1,4-Dichloro-2-butene	10.700	75	120	0.560	ug/l	# 20
49) Toluene	8.009	92	64	0.003	ug/l	# 1
54) 2-Hexanone	8.726	43	399	0.105	ug/l	# 49
58) Tetrachloroethene	8.584	164	86	0.010	ug/l	# 58
59) Chlorobenzene	9.468	112	191	0.009	ug/l	# 44
63) Ethyl Benzene	9.584	91	407	0.579	ug/l	# 44
64) m/p-Xylenes	9.716	106	74	1.088	ug/l	# 1
65) o-Xylene	10.108	106	148	0.520	ug/l	57
66) Styrene	10.131	104	189	0.607	ug/l	# 50
69) Isopropylbenzene	10.491	105	527	0.016	ug/l	# 50
71) 1,2,3-Trichloropropane	10.700	75	120	0.015	ug/l	# 1
72) Bromobenzene	10.796	156	41	0.004	ug/l	# 1
73) n-propylbenzene	10.919	120	43	0.596	ug/l	# 1
74) 2-Chlorotoluene	11.105	126	65	0.396	ug/l	# 1
75) 1,3,5-Trimethylbenzene	11.099	105	507	0.536	ug/l	# 72

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

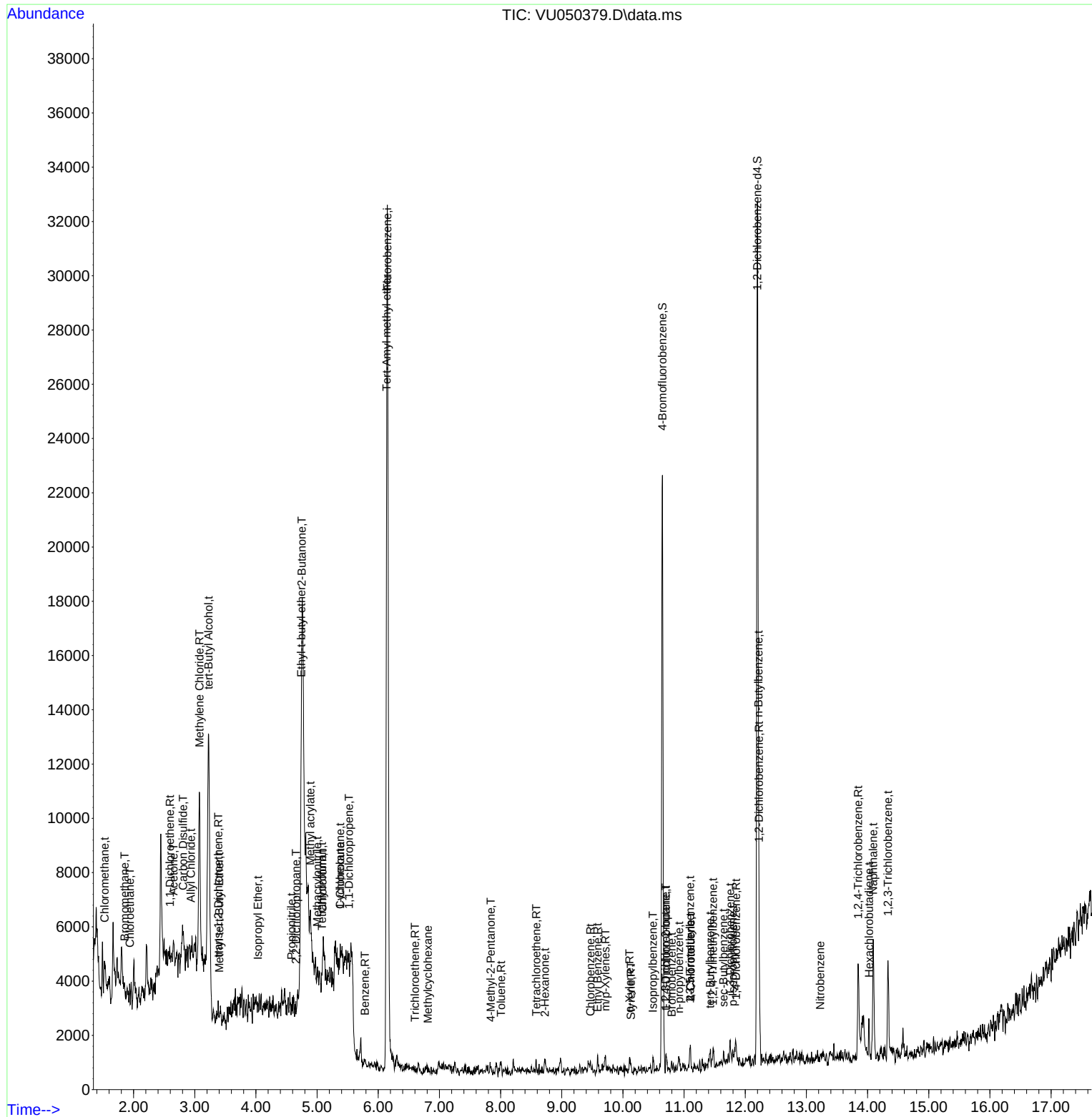
76) 4-Chlorotoluene	11.105	126	65	0.407	ug/l #	1	
77) tert-Butylbenzene	11.427	119	224	0.500	ug/l #	56	
78) 1,2,4-Trimethylbenzene	11.472	105	572	0.579	ug/l	70	
79) sec-Butylbenzene	11.645	105	590	0.560	ug/l #	58	
80) Nitrobenzene	13.227	77	19	0.032	ug/l #	42	
81) p-Isopropyltoluene	11.796	119	489	0.016	ug/l #	50	
82) 1,3-Dichlorobenzene	11.755	146	485	0.025	ug/l #	79	
83) 1,4-Dichlorobenzene	11.851	146	697	0.036	ug/l #	76	
84) n-Butylbenzene	12.218	91	1899	0.635	ug/l #	76	
85) 1,2-Dichlorobenzene	12.224	146	509	0.027	ug/l	80	
87) 1,2,4-Trichlorobenzene	13.844	180	1413	0.130	ug/l #	94	
88) Hexachlorobutadiene	14.025	225	351	0.050	ug/l	94	
89) Naphthalene	14.092	128	3981	1.083	ug/l	99	
90) 1,2,3-Trichlorobenzene	14.333	180	1446	0.591	ug/l #	91	

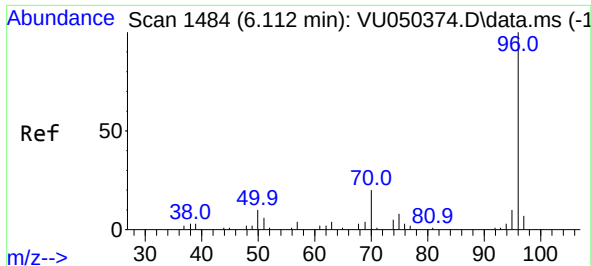
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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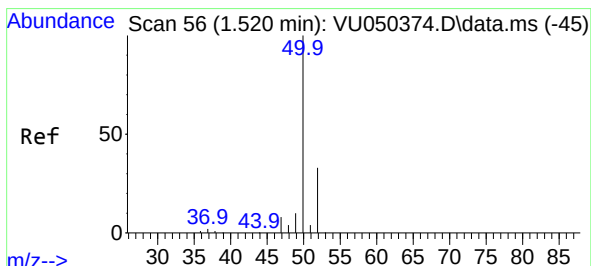
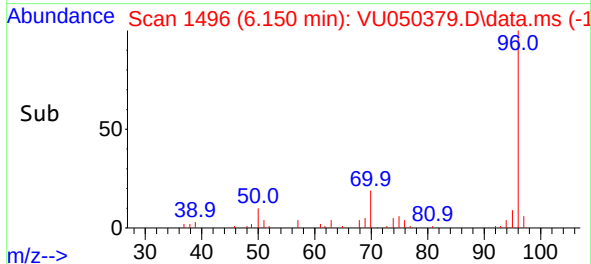
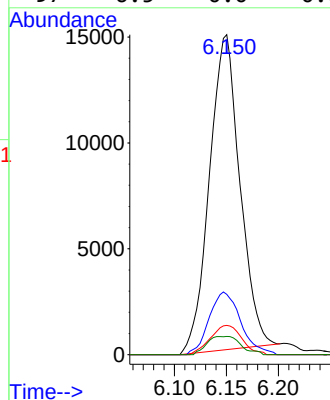
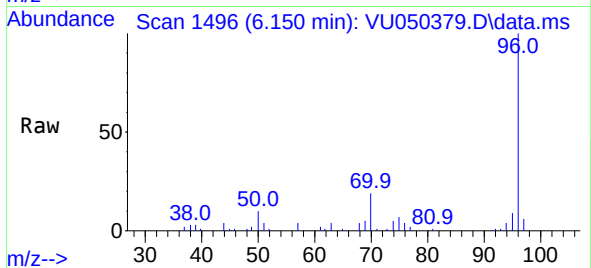




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.150 min Scan# 14
Delta R.T. 0.038 min
Lab File: VU050379.D
Acq: 19 Aug 2022 20:01

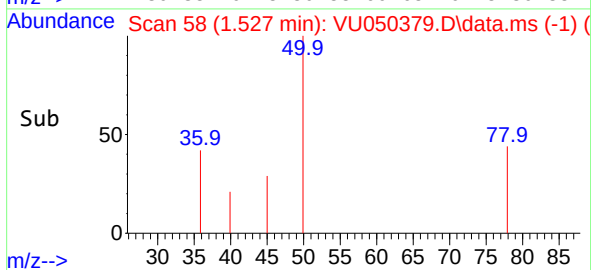
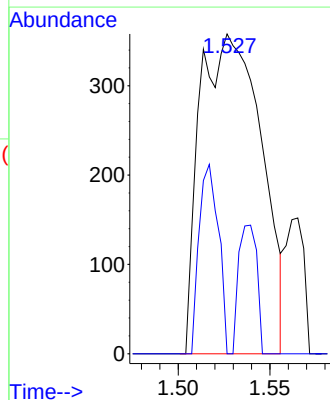
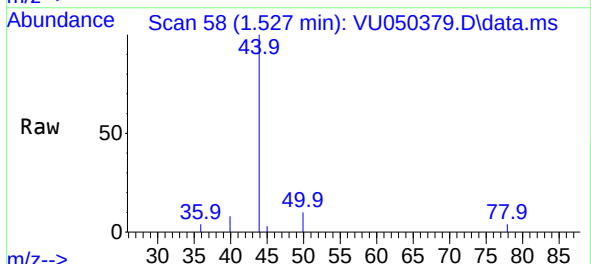
Instrument :
MSVOA_U
ClientSampleId :
VU0819WBL02

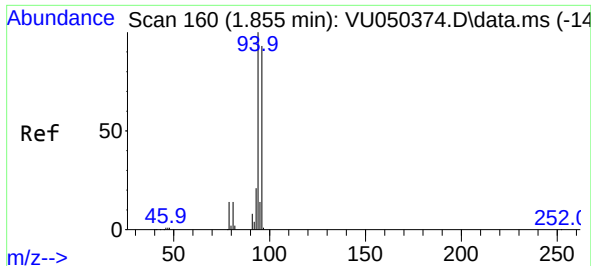
Tgt Ion: 96	Resp: 30342
Ion Ratio	Lower Upper
96 100	
70 20.7	16.7 25.1
95 9.6	7.4 11.0
97 6.5	0.0 0.0#



#3
Chloromethane
Concen: 0.054 ug/l
RT: 1.527 min Scan# 58
Delta R.T. 0.006 min
Lab File: VU050379.D
Acq: 19 Aug 2022 20:01

Tgt Ion: 50	Resp: 833		
Ion Ratio	Lower	Upper	
50 100			
52 0.0	26.1	39.1#	

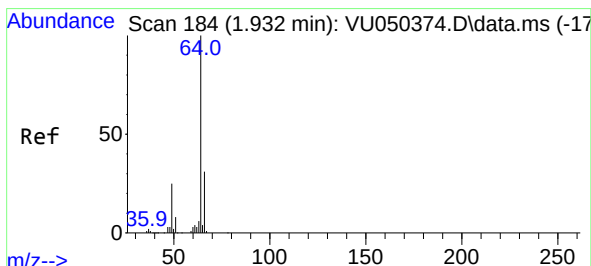
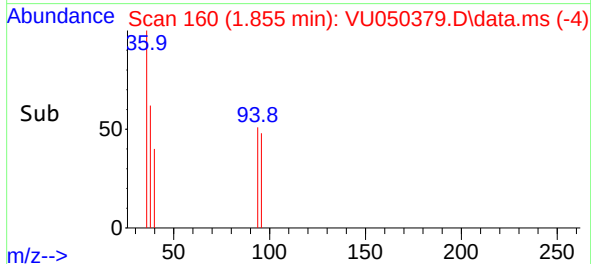
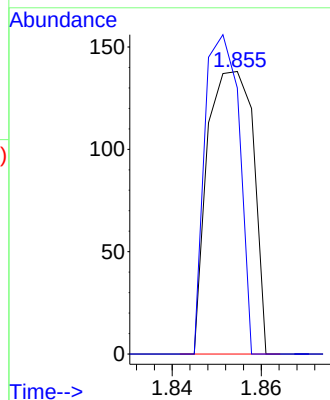
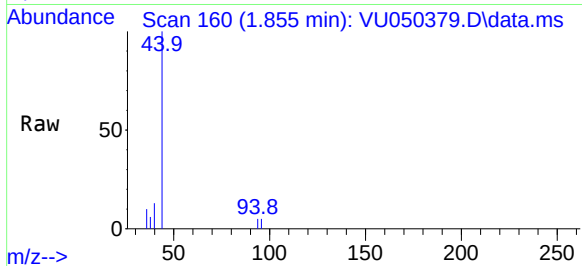




#5
Bromomethane
Concen: 0.018 ug/l
RT: 1.855 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU050379.D
Acq: 19 Aug 2022 20:01

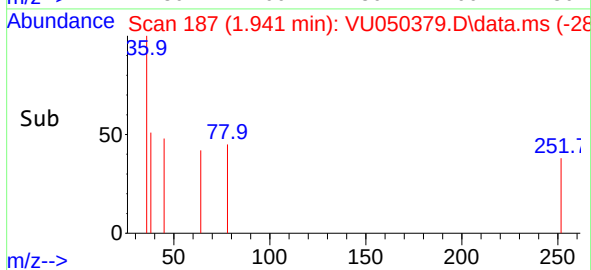
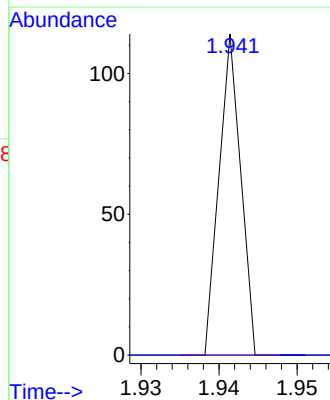
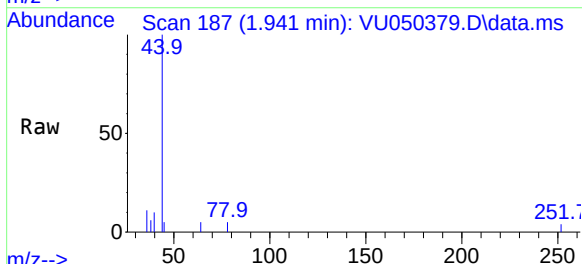
Instrument :
MSVOA_U
ClientSampleId :
VU0819WBL02

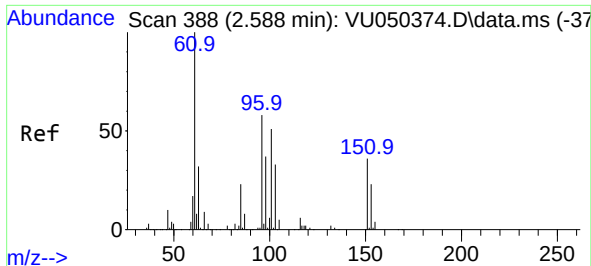
Tgt Ion: 94 Resp: 98
Ion Ratio Lower Upper
94 100
96 94.2 73.0 109.6



#6
Chloroethane
Concen: 0.003 ug/l
RT: 1.941 min Scan# 187
Delta R.T. 0.010 min
Lab File: VU050379.D
Acq: 19 Aug 2022 20:01

Tgt Ion: 64 Resp: 22
Ion Ratio Lower Upper
64 100
66 0.0 25.8 38.6#

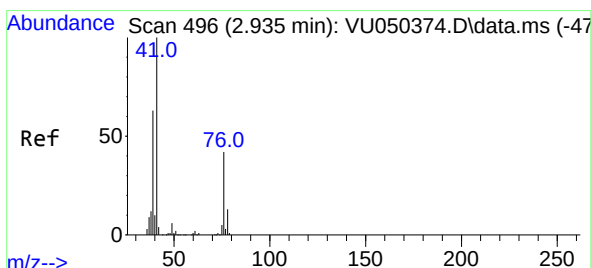
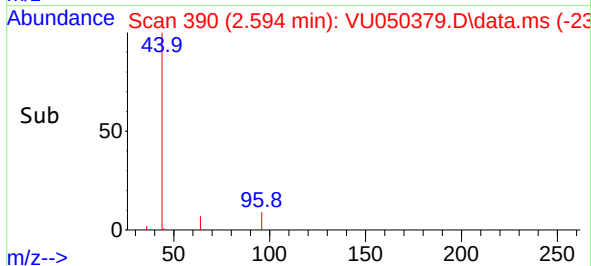
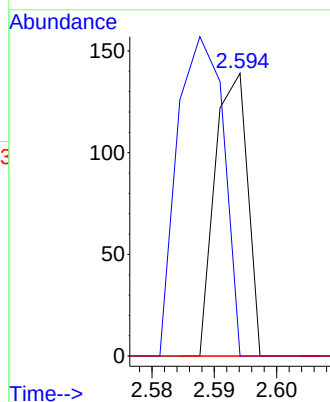
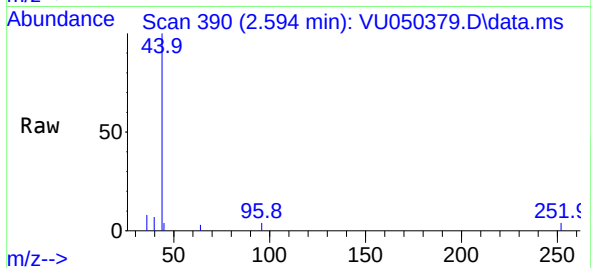




#9
1,1-Dichloroethene
Concen: 0.006 ug/l
RT: 2.594 min Scan# 390
Delta R.T. 0.006 min
Lab File: VU050379.D
Acq: 19 Aug 2022 20:01

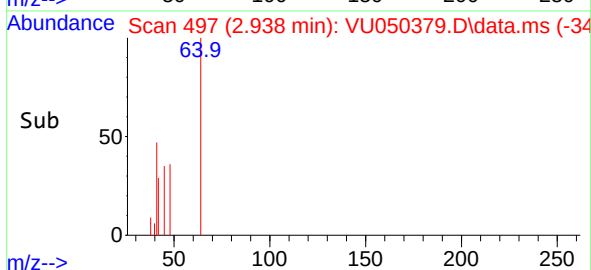
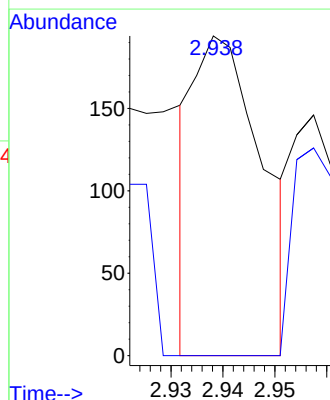
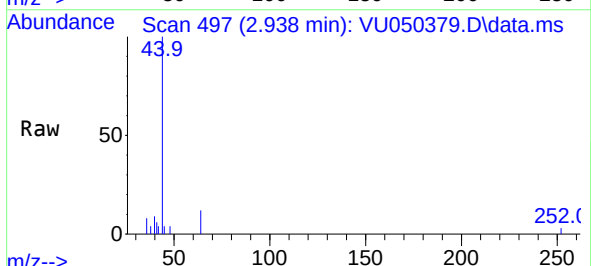
Instrument :
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ClientSampleId :
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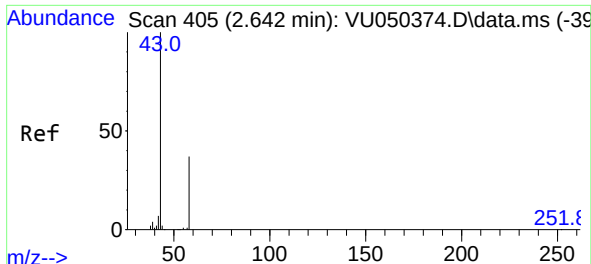
Tgt Ion:	96	Resp:	50
Ion	Ratio	Lower	Upper
96	100		
61	0.0	0.0	510.6
98	0.0	0.0	124.6



#11
Allyl Chloride
Concen: 0.013 ug/l
RT: 2.938 min Scan# 497
Delta R.T. 0.003 min
Lab File: VU050379.D
Acq: 19 Aug 2022 20:01

Tgt Ion:	41	Resp:	177
Ion	Ratio	Lower	Upper
41	100		
39	0.0	53.2	79.8#

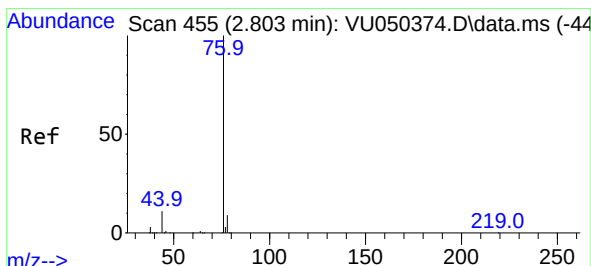
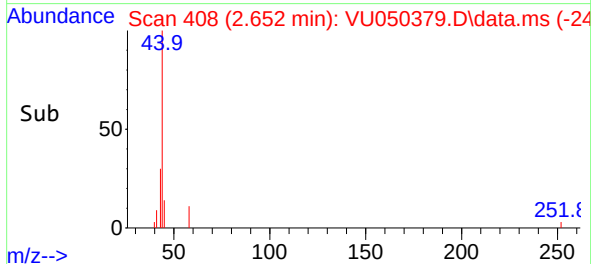
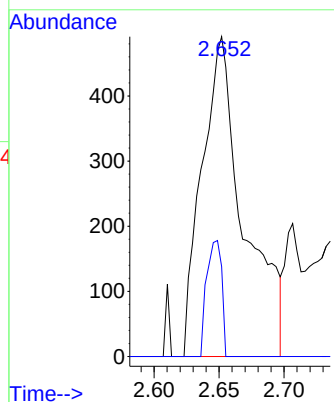
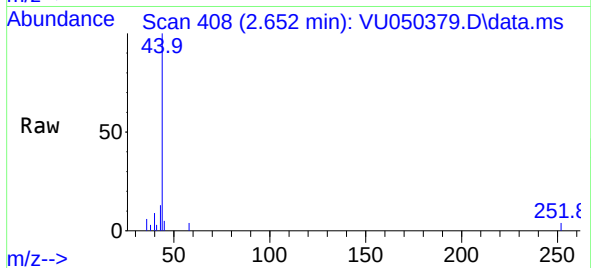




#13
Acetone
Concen: 0.588 ug/l
RT: 2.652 min Scan# 408
Delta R.T. 0.010 min
Lab File: VU050379.D
Acq: 19 Aug 2022 20:01

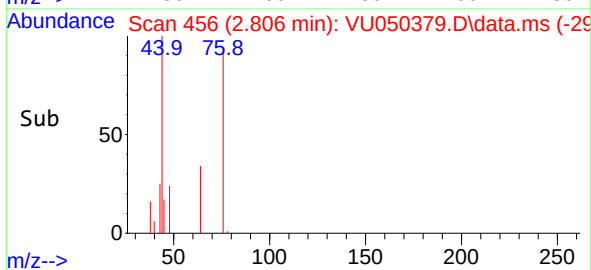
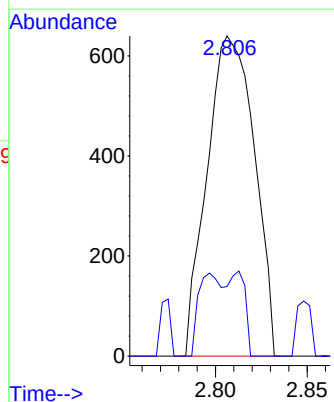
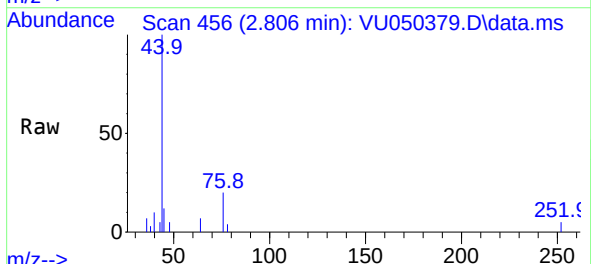
Instrument :
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ClientSampleId :
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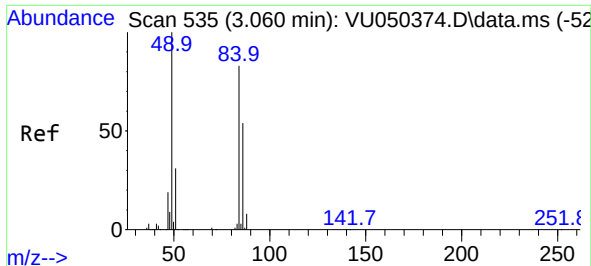
Tgt Ion: 43 Resp: 1102
Ion Ratio Lower Upper
43 100
58 28.1 26.2 39.2



#14
Carbon Disulfide
Concen: 0.042 ug/l
RT: 2.806 min Scan# 456
Delta R.T. 0.003 min
Lab File: VU050379.D
Acq: 19 Aug 2022 20:01

Tgt Ion: 76 Resp: 1150
Ion Ratio Lower Upper
76 100
78 21.7 7.4 11.0#



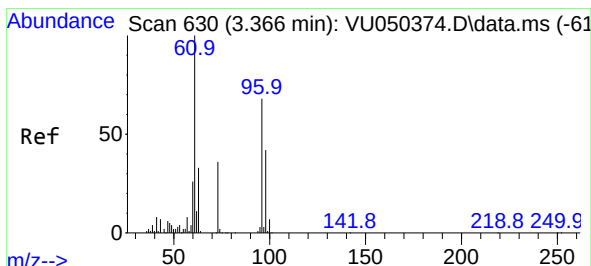
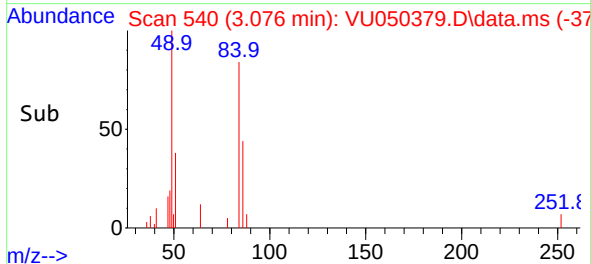
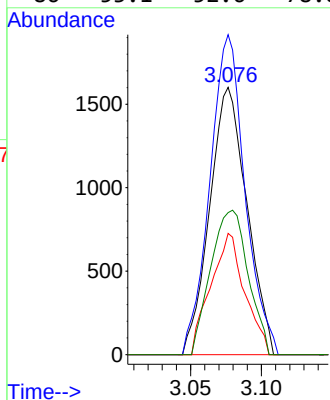
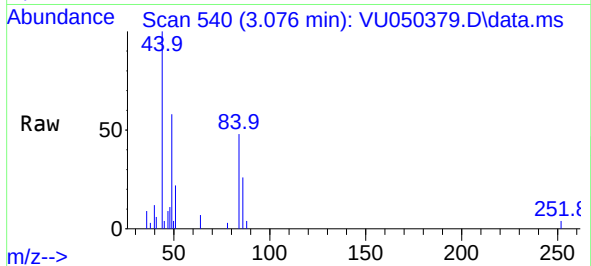


#15
Methylene Chloride
Concen: 0.242 ug/l
RT: 3.076 min Scan# 54
Delta R.T. 0.016 min
Lab File: VU050379.D
Acq: 19 Aug 2022 20:01

Instrument :
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ClientSampleId :
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Tgt Ion: 84 Resp: 2932

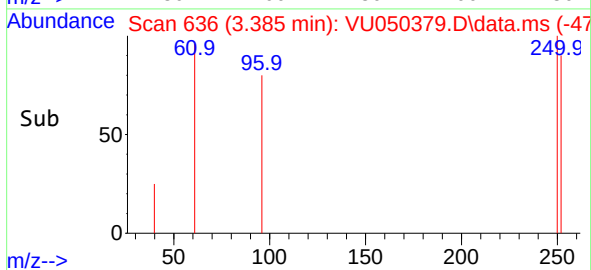
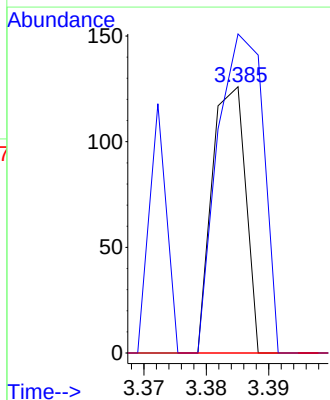
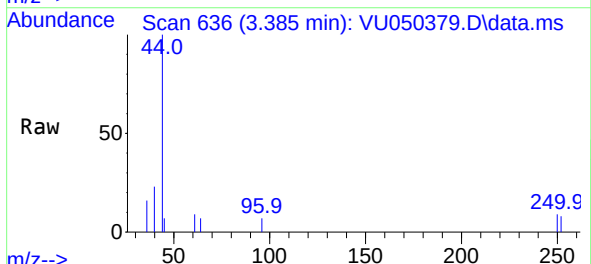
Ion	Ratio	Lower	Upper
84	100		
49	119.7	104.6	157.0
51	45.3	0.0	81.4
86	53.1	52.6	78.8

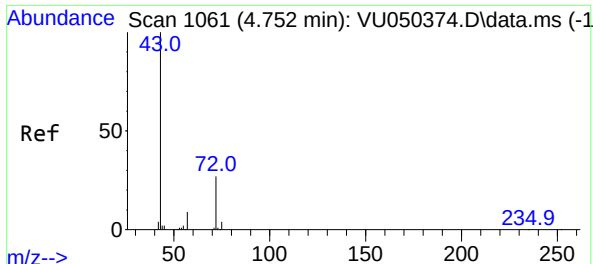


#16
trans-1,2-Dichloroethene
Concen: 0.005 ug/l
RT: 3.385 min Scan# 636
Delta R.T. 0.019 min
Lab File: VU050379.D
Acq: 19 Aug 2022 20:01

Tgt Ion: 96 Resp: 47

Ion	Ratio	Lower	Upper
96	100		
61	119.8	123.4	185.0#
98	0.0	51.6	77.4#

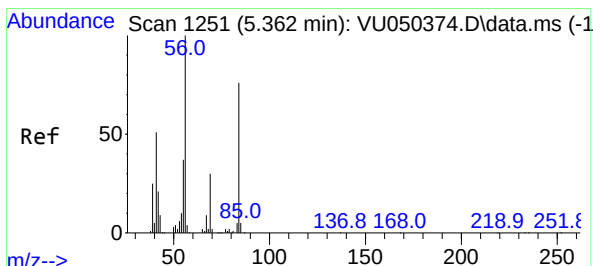
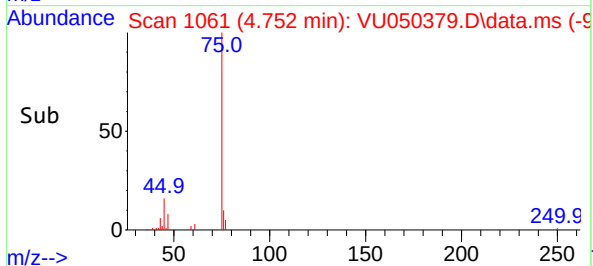
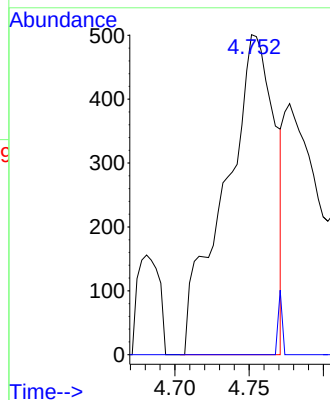
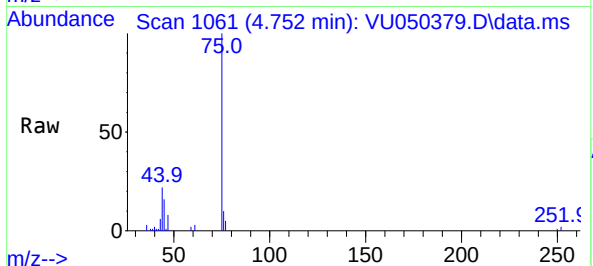




#18
2-Butanone
Concen: 0.397 ug/l
RT: 4.752 min Scan# 1061
Delta R.T. 0.000 min
Lab File: VU050379.D
Acq: 19 Aug 2022 20:01

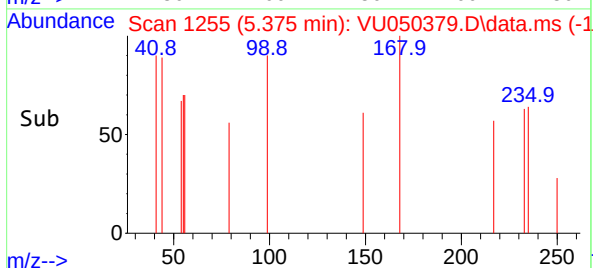
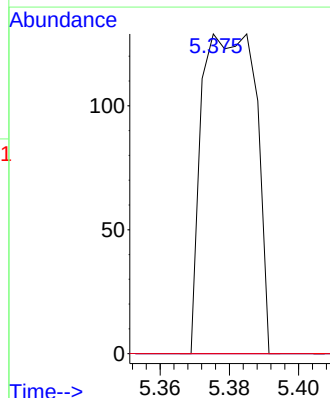
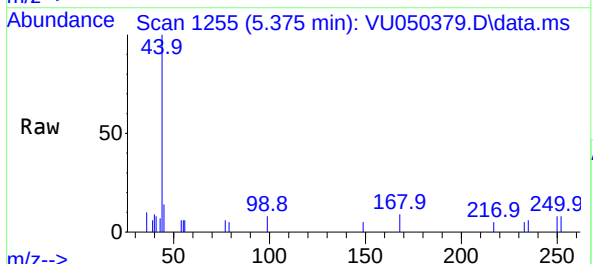
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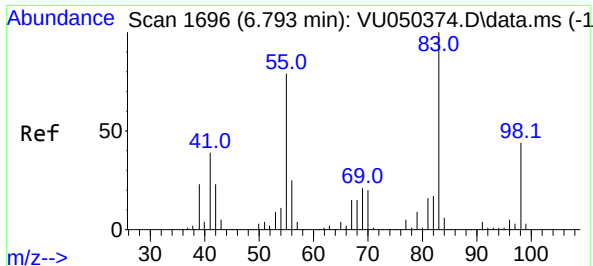
Tgt Ion: 43 Resp: 1169
Ion Ratio Lower Upper
43 100
57 0.0 0.0 18.0



#19
Cyclohexane
Concen: 0.010 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. 0.013 min
Lab File: VU050379.D
Acq: 19 Aug 2022 20:01

Tgt Ion: 56 Resp: 139
Ion Ratio Lower Upper
56 100
69 0.0 24.2 36.4#
84 0.0 63.4 95.2#

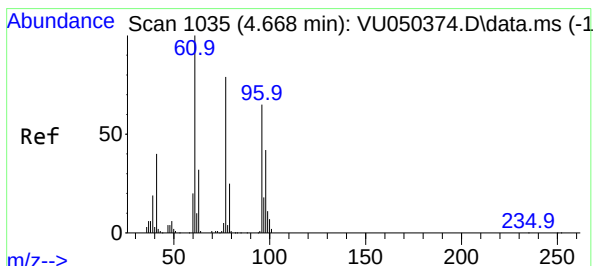
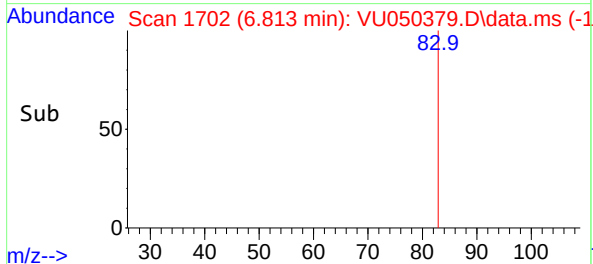
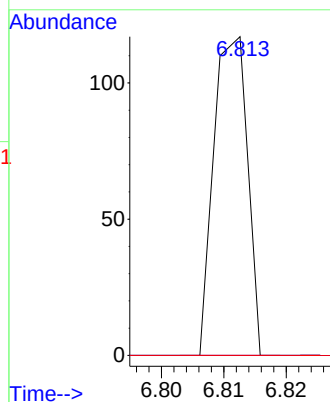
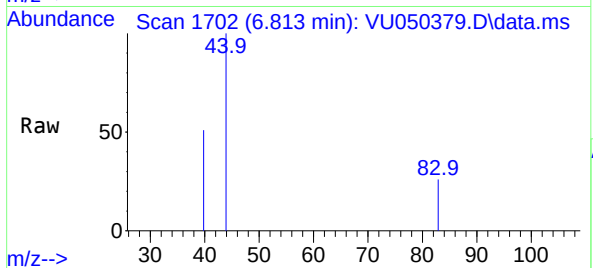




#20
Methylcyclohexane
Concen: 0.004 ug/l
RT: 6.813 min Scan# 11
Delta R.T. 0.019 min
Lab File: VU050379.D
Acq: 19 Aug 2022 20:01

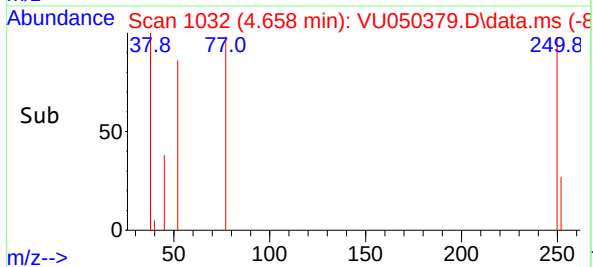
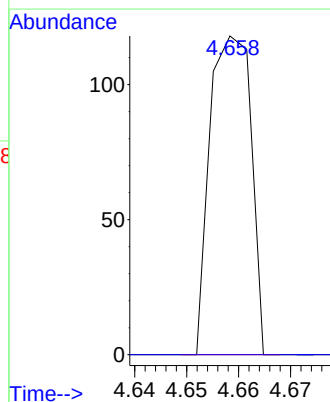
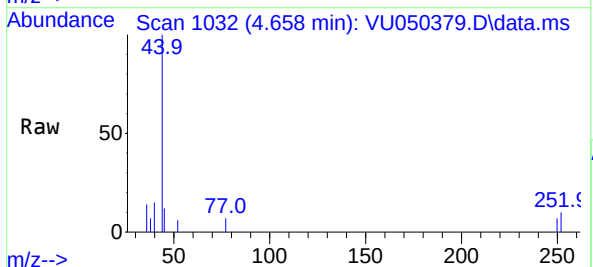
Instrument :
MSVOA_U
ClientSampleId :
VU0819WBL02

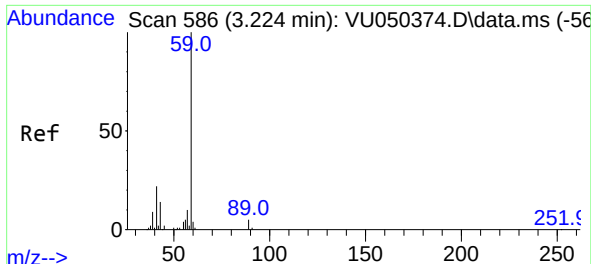
Tgt Ion: 83 Resp: 44
Ion Ratio Lower Upper
83 100
55 0.0 63.0 94.4#
98 0.0 35.7 53.5#



#21
2,2-Dichloropropane
Concen: 0.004 ug/l
RT: 4.658 min Scan# 1032
Delta R.T. -0.010 min
Lab File: VU050379.D
Acq: 19 Aug 2022 20:01

Tgt Ion: 77 Resp: 65
Ion Ratio Lower Upper
77 100
97 0.0 18.5 27.7#

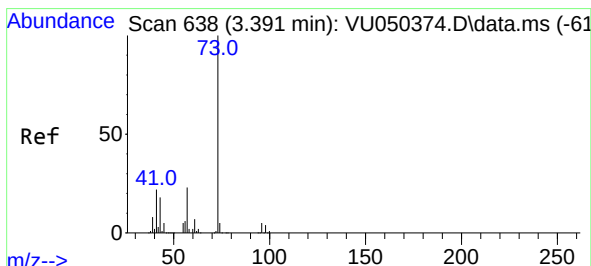
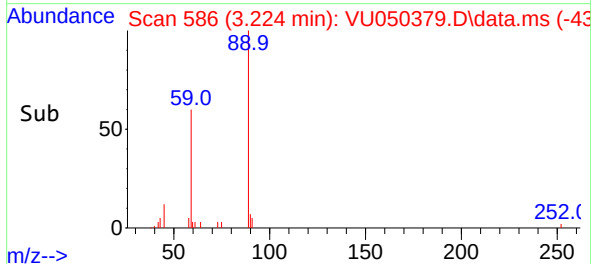
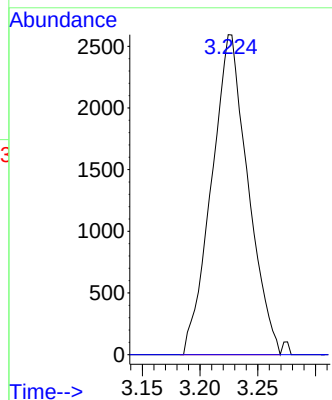
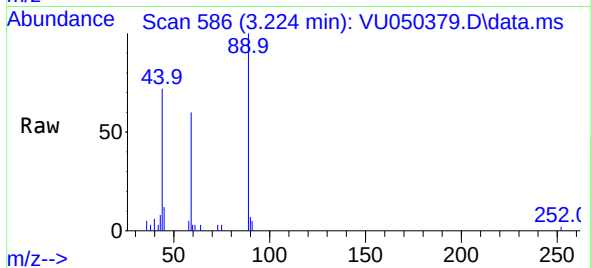




#24
tert-Butyl Alcohol
Concen: 7.009 ug/l
RT: 3.224 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU050379.D
Acq: 19 Aug 2022 20:01

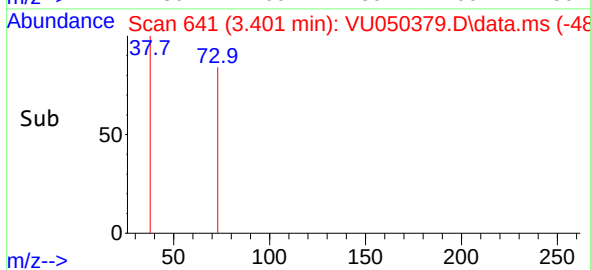
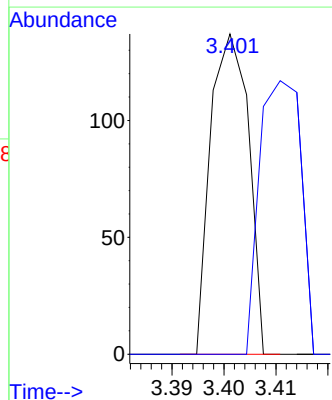
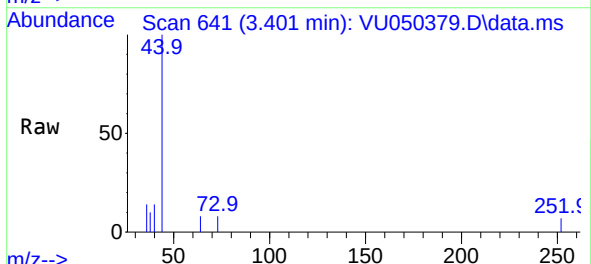
Instrument :
MSVOA_U
ClientSampleId :
VU0819WBL02

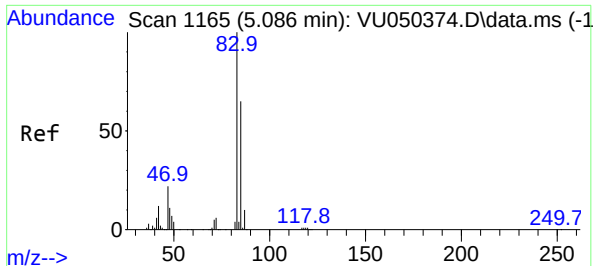
Tgt Ion: 59 Resp: 5691
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



#25
Methyl tert-Butyl Ether
Concen: 0.003 ug/l
RT: 3.401 min Scan# 641
Delta R.T. 0.010 min
Lab File: VU050379.D
Acq: 19 Aug 2022 20:01

Tgt Ion: 73 Resp: 70
Ion Ratio Lower Upper
73 100
43 92.9 15.9 23.9#





#27

Chloroform

Concen: 0.009 ug/l

RT: 5.089 min Scan# 1165

Delta R.T. 0.003 min

Lab File: VU050379.D

Acq: 19 Aug 2022 20:01

Instrument :

MSVOA_U

ClientSampleId :

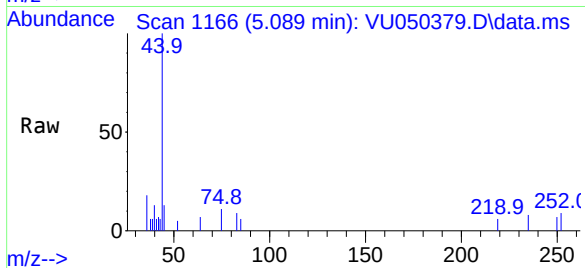
VU0819WBL02

Tgt Ion: 83 Resp: 174

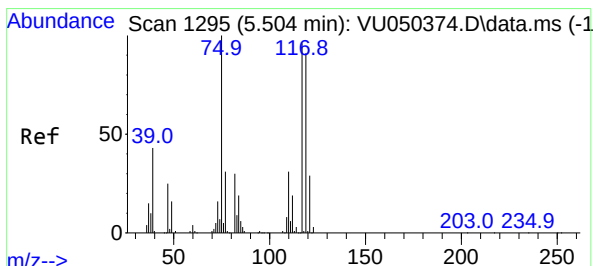
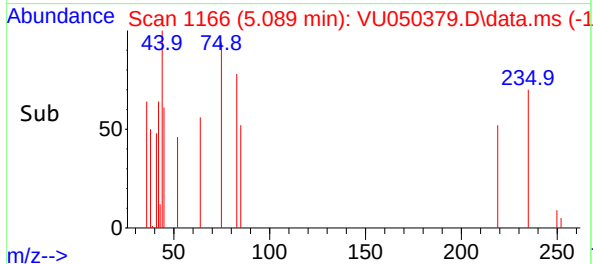
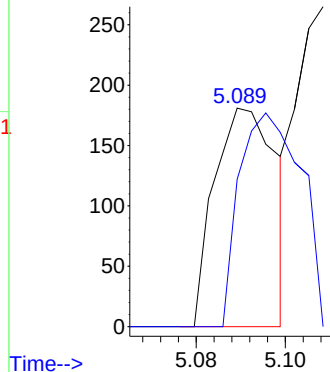
Ion Ratio Lower Upper

83 100

85 67.4 0.0 133.6



Abundance



#29

1,1-Dichloropropene

Concen: 0.014 ug/l

RT: 5.520 min Scan# 1300

Delta R.T. 0.016 min

Lab File: VU050379.D

Acq: 19 Aug 2022 20:01

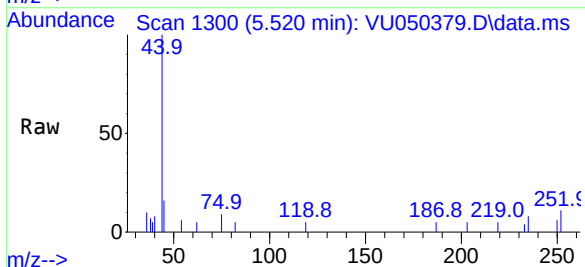
Tgt Ion: 75 Resp: 176

Ion Ratio Lower Upper

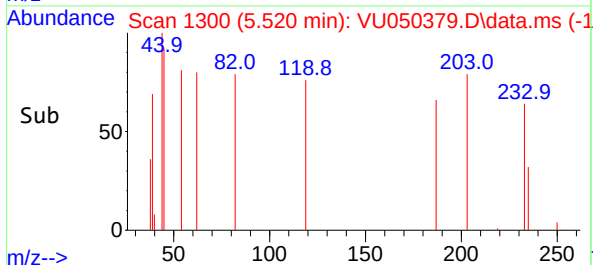
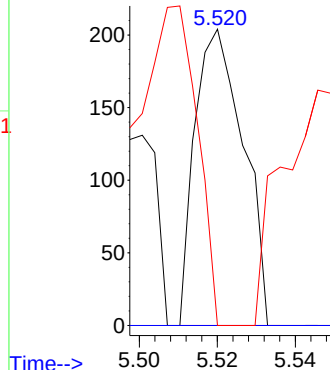
75 100

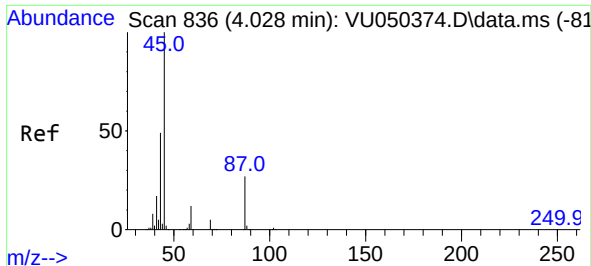
110 0.0 17.3 52.0#

77 142.0 24.6 37.0#



Abundance

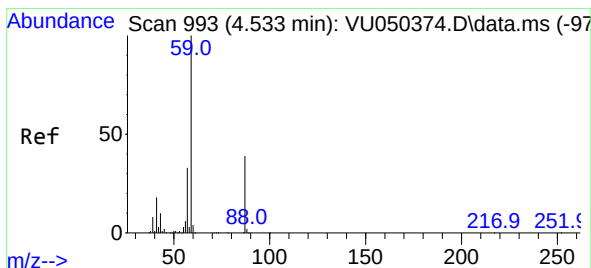
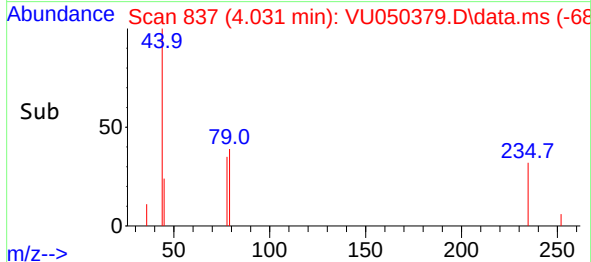
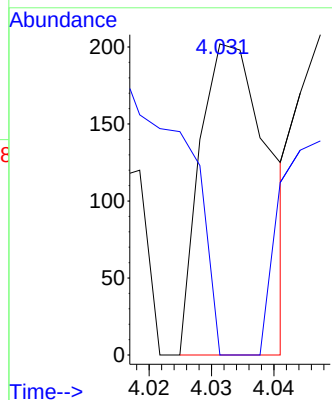
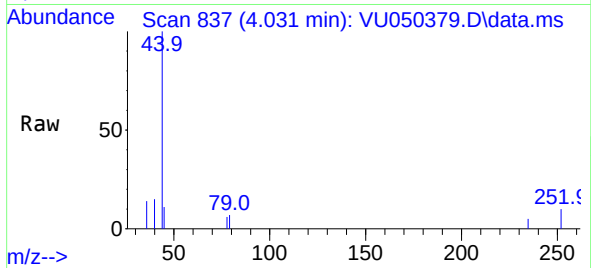




#31
Isopropyl Ether
Concen: 0.005 ug/l
RT: 4.031 min Scan# 81
Delta R.T. 0.003 min
Lab File: VU050379.D
Acq: 19 Aug 2022 20:01

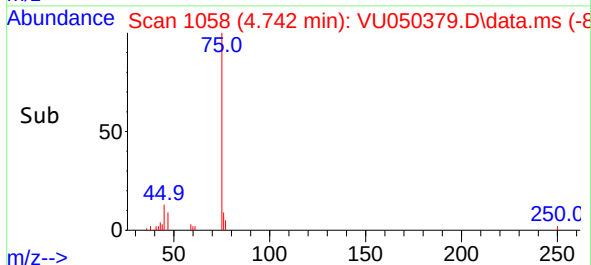
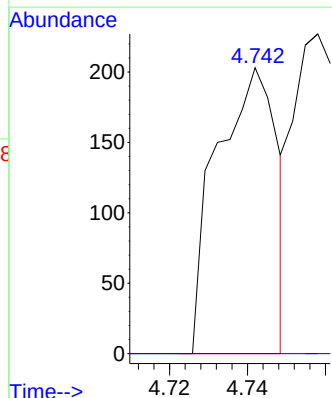
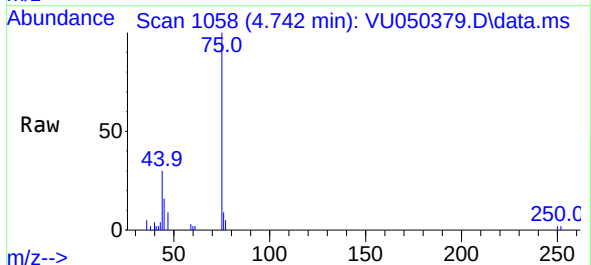
Instrument :
MSVOA_U
ClientSampleId :
VU0819WBL02

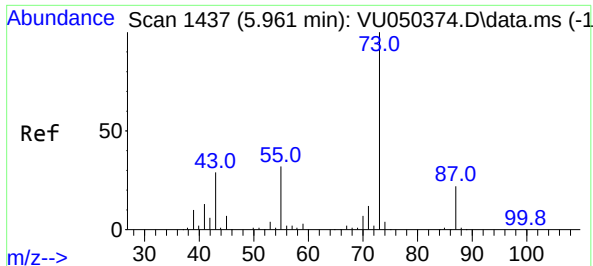
Tgt Ion: 45 Resp: 155
Ion Ratio Lower Upper
45 100
43 0.0 23.8 71.2#



#32
Ethyl-t-butyl ether
Concen: 0.009 ug/l
RT: 4.742 min Scan# 1058
Delta R.T. 0.209 min
Lab File: VU050379.D
Acq: 19 Aug 2022 20:01

Tgt Ion: 59 Resp: 218
Ion Ratio Lower Upper
59 100
87 0.0 32.5 48.7#

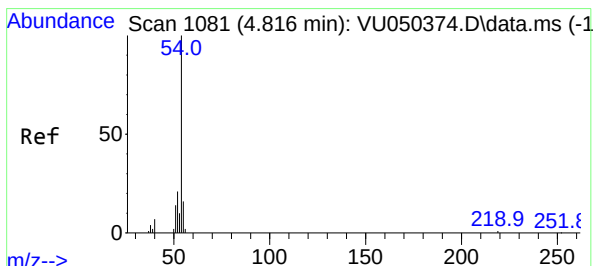
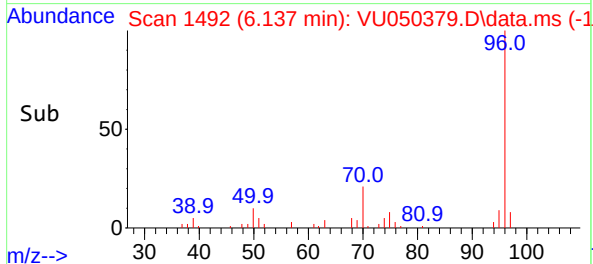
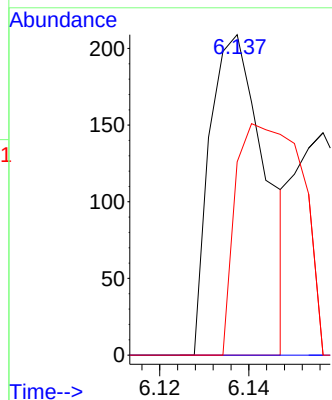
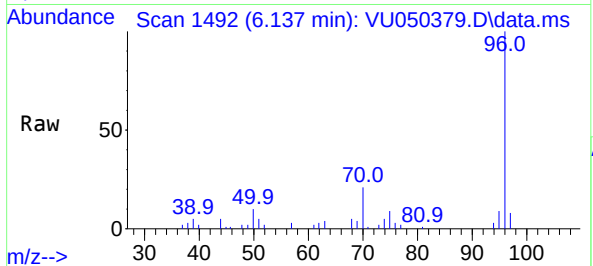




#33
Tert-Amyl methyl ether
Concen: 0.012 ug/l
RT: 6.137 min Scan# 1437
Delta R.T. 0.177 min
Lab File: VU050379.D
Acq: 19 Aug 2022 20:01

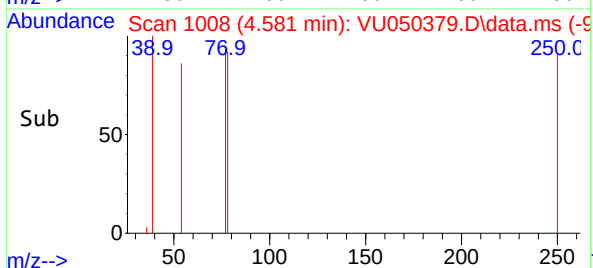
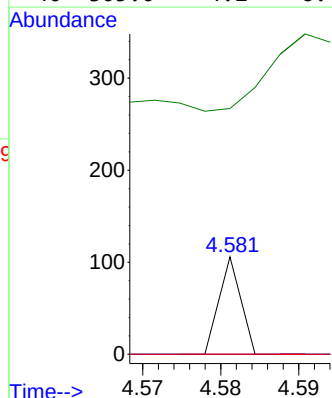
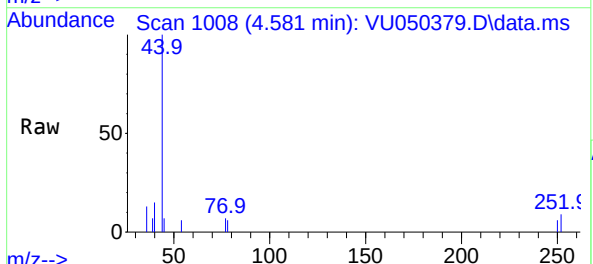
Instrument :
MSVOA_U
ClientSampleId :
VU0819WBL02

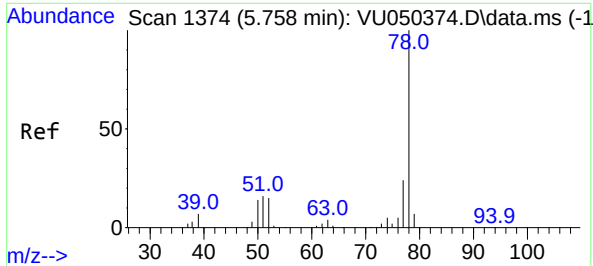
Tgt Ion: 73	Resp: 181
Ion Ratio	Lower Upper
73 100	
87 0.0	19.7 29.5#
71 86.2	9.0 13.4#



#34
Propionitrile
Concen: 0.023 ug/l
RT: 4.581 min Scan# 1008
Delta R.T. -0.235 min
Lab File: VU050379.D
Acq: 19 Aug 2022 20:01

Tgt Ion: 54	Resp: 20
Ion Ratio	Lower Upper
54 100	
52 0.0	15.0 22.6#
55 0.0	12.6 19.0#
40 305.0	4.2 6.4#

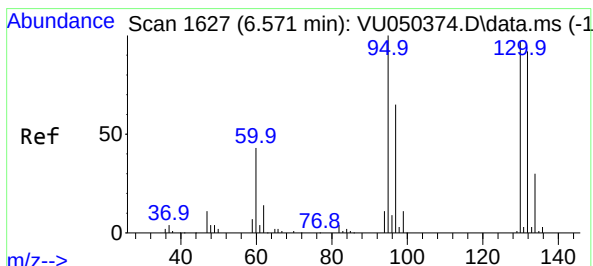
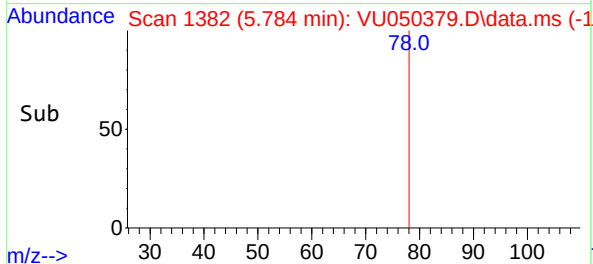
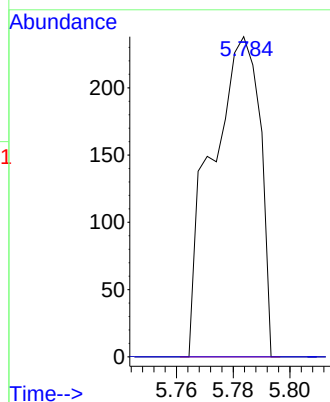
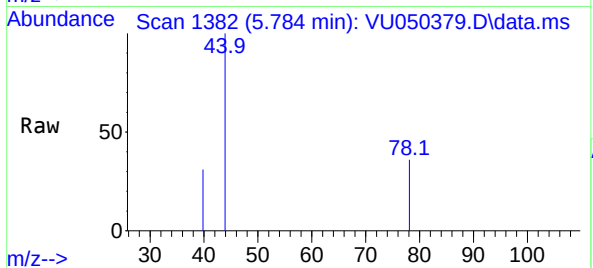




#35
Benzene
Concen: 0.008 ug/l
RT: 5.784 min Scan# 11
Delta R.T. 0.026 min
Lab File: VU050379.D
Acq: 19 Aug 2022 20:01

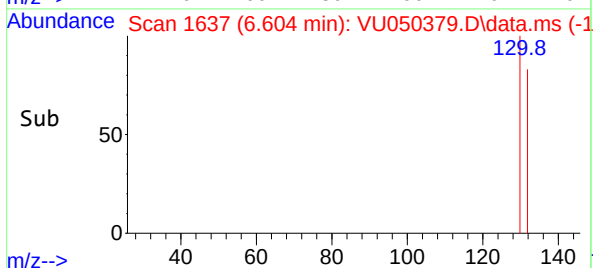
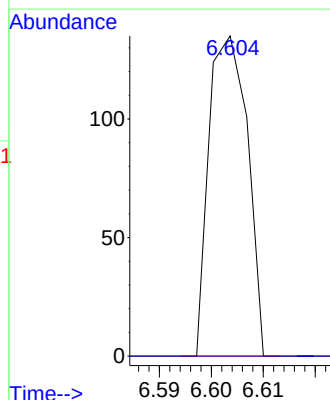
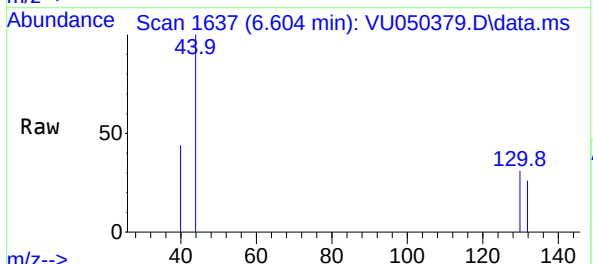
Instrument :
MSVOA_U
ClientSampleId :
VU0819WBL02

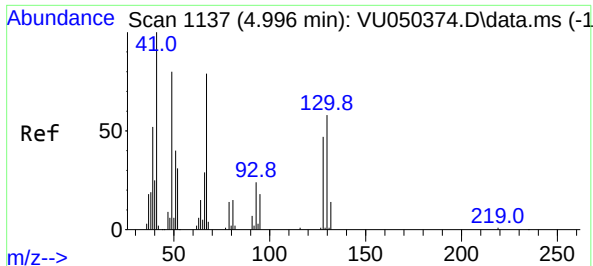
Tgt Ion: 78 Resp: 281
Ion Ratio Lower Upper
78 100
77 0.0 18.6 28.0#



#37
Trichloroethene
Concen: 0.008 ug/l
RT: 6.604 min Scan# 1637
Delta R.T. 0.032 min
Lab File: VU050379.D
Acq: 19 Aug 2022 20:01

Tgt Ion: 130 Resp: 69
Ion Ratio Lower Upper
130 100
95 0.0 83.8 125.8#

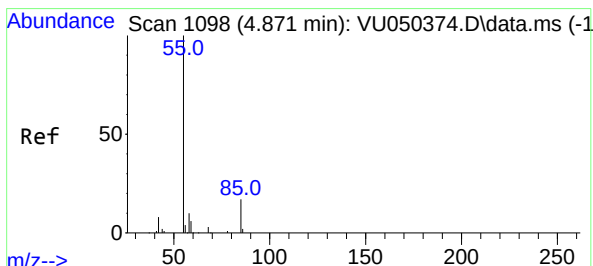
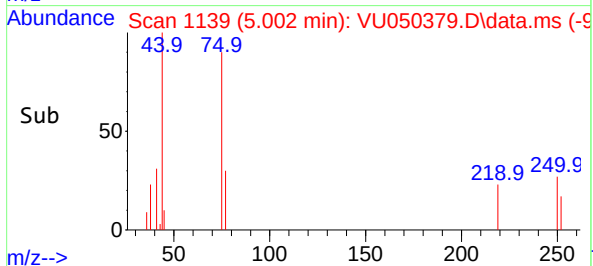
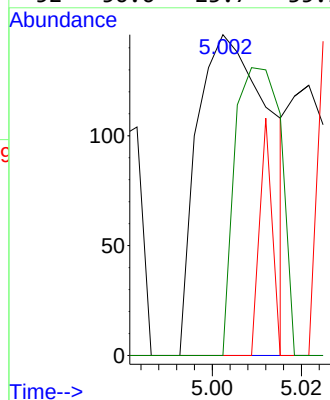
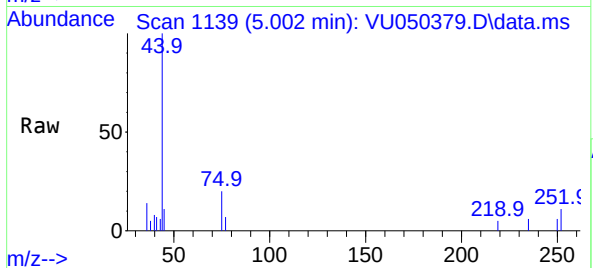




#39
Methacrylonitrile
Concen: 0.046 ug/l
RT: 5.002 min Scan# 11
Delta R.T. 0.006 min
Lab File: VU050379.D
Acq: 19 Aug 2022 20:01

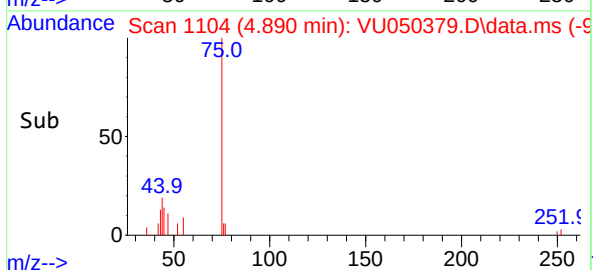
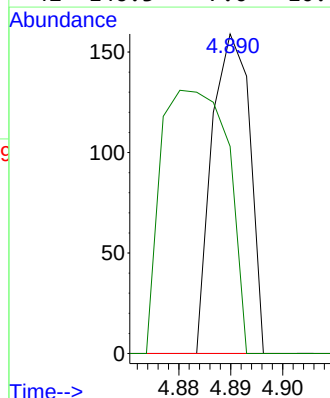
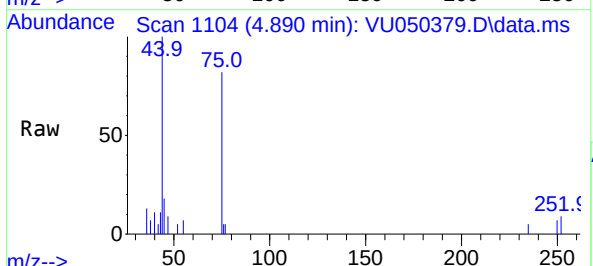
Instrument :
MSVOA_U
ClientSampleId :
VU0819WBL02

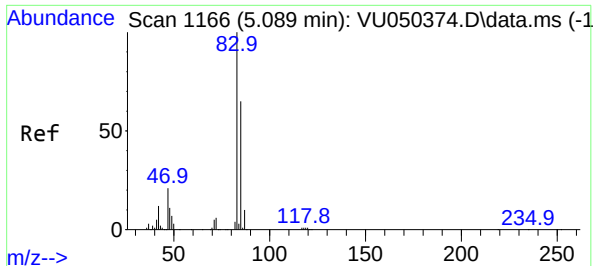
Tgt Ion: 41	Resp:	166
Ion	Ratio	Lower Upper
41	100	
67	0.0	59.4 89.0#
39	12.7	42.2 63.2#
52	56.6	23.7 35.5#



#40
Methyl acrylate
Concen: 0.015 ug/l
RT: 4.890 min Scan# 1104
Delta R.T. 0.019 min
Lab File: VU050379.D
Acq: 19 Aug 2022 20:01

Tgt Ion: 55	Resp:	80
Ion	Ratio	Lower Upper
55	100	
85	0.0	13.5 20.3#
58	0.0	7.0 10.4#
42	146.3	7.0 10.6#

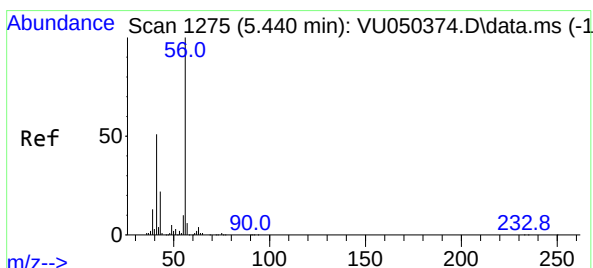
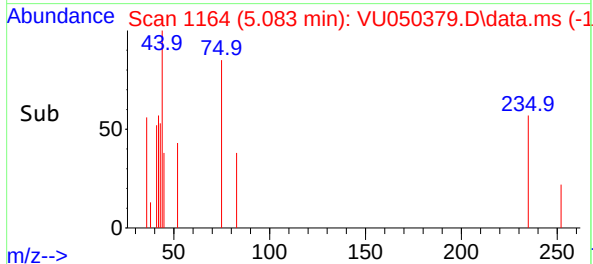
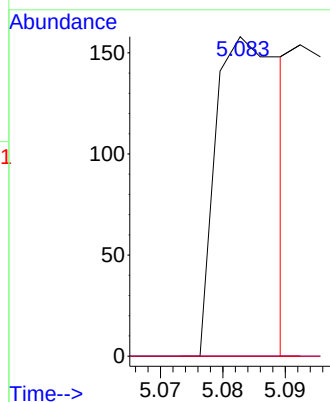
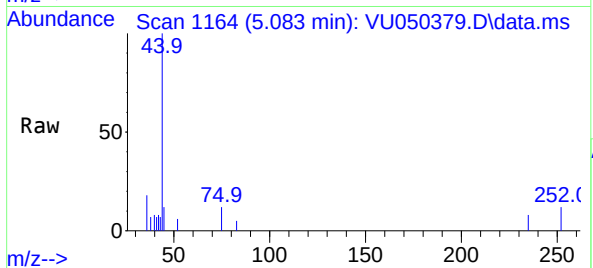




#41
Tetrahydrofuran
Concen: 0.064 ug/l
RT: 5.083 min Scan# 1166
Delta R.T. -0.006 min
Lab File: VU050379.D
Acq: 19 Aug 2022 20:01

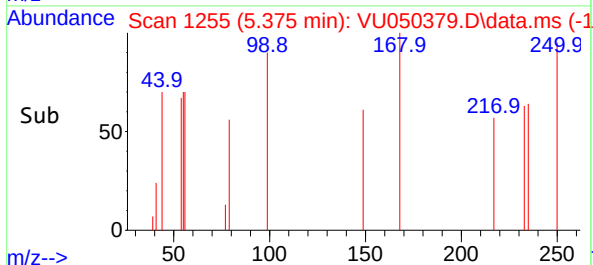
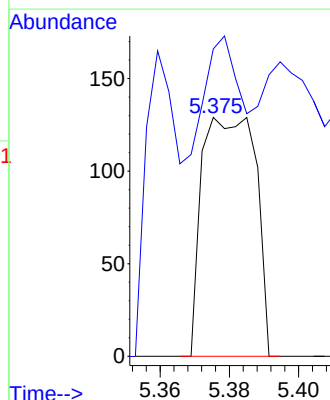
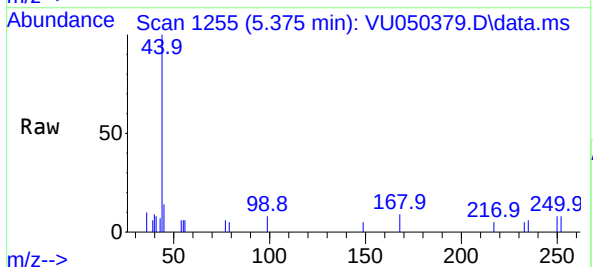
Instrument :
MSVOA_U
ClientSampleId :
VU0819WBL02

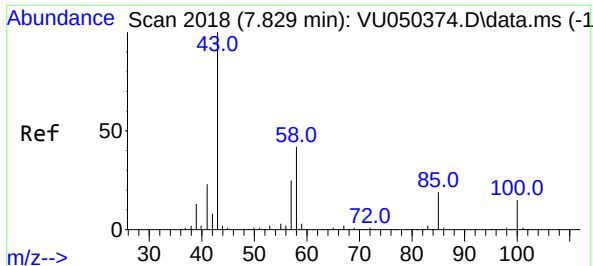
Tgt Ion: 42 Resp: 115
Ion Ratio Lower Upper
42 100
72 0.0 38.9 58.3#
71 0.0 33.7 50.5#



#42
1-Chlorobutane
Concen: 0.008 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. -0.064 min
Lab File: VU050379.D
Acq: 19 Aug 2022 20:01

Tgt Ion: 56 Resp: 139
Ion Ratio Lower Upper
56 100
41 29.5 26.4 79.2





#45

4-Methyl-2-Pentanone

Concen: 0.074 ug/l

RT: 7.841 min Scan# 2018

Delta R.T. 0.013 min

Lab File: VU050379.D

Acq: 19 Aug 2022 20:01

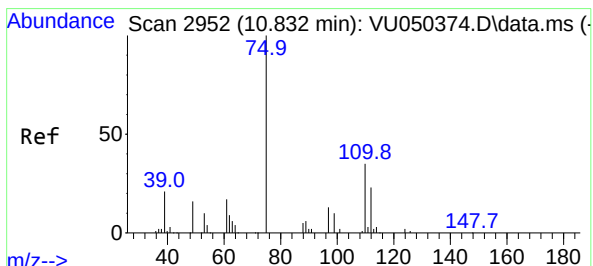
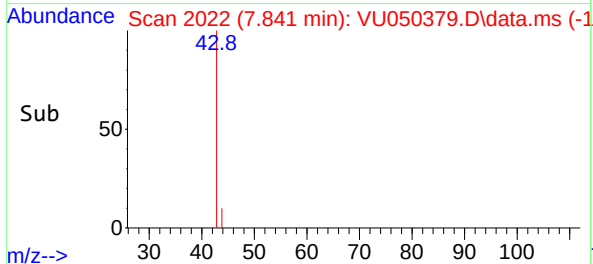
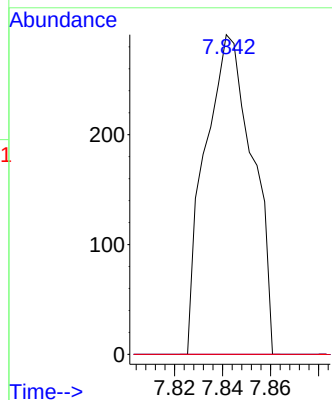
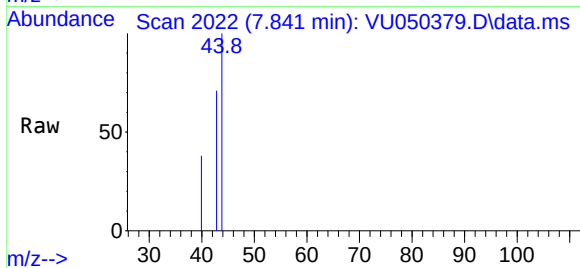
Instrument :

MSVOA_U

ClientSampleId :

VU0819WBL02

Tgt Ion:	43	Resp:	400
Ion	Ratio	Lower	Upper
43	100		
58	0.0	20.3	61.0#
85	0.0	14.6	21.8#



#46

t-1,4-Dichloro-2-butene

Concen: 0.560 ug/l

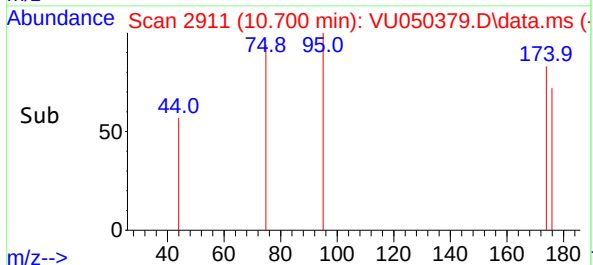
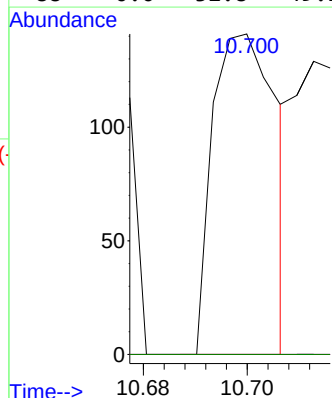
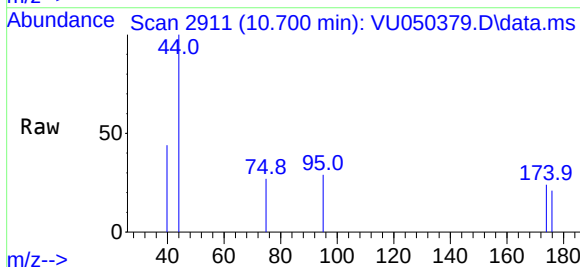
RT: 10.700 min Scan# 2911

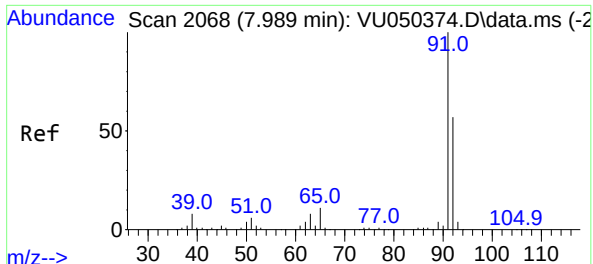
Delta R.T. -0.132 min

Lab File: VU050379.D

Acq: 19 Aug 2022 20:01

Tgt Ion:	75	Resp:	120
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: 0.003 ug/l

RT: 8.009 min Scan# 2068

Delta R.T. 0.019 min

Lab File: VU050379.D

Acq: 19 Aug 2022 20:01

Instrument :

MSVOA_U

ClientSampleId :

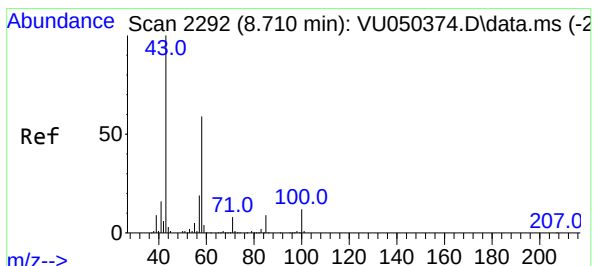
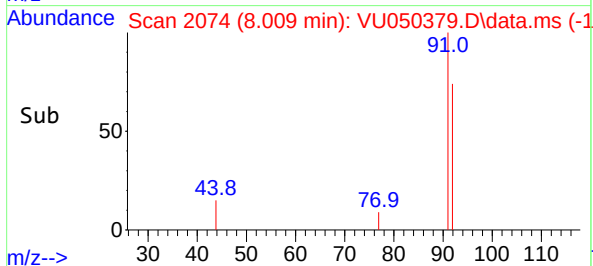
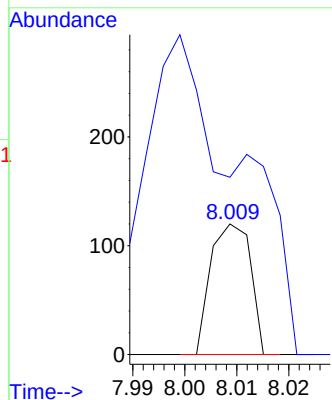
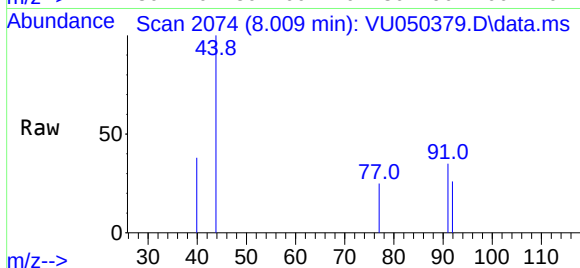
VU0819WBL02

Tgt Ion: 92 Resp: 64

Ion Ratio Lower Upper

92 100

91 428.1 138.6 207.8#



#54

2-Hexanone

Concen: 0.105 ug/l

RT: 8.726 min Scan# 2297

Delta R.T. 0.016 min

Lab File: VU050379.D

Acq: 19 Aug 2022 20:01

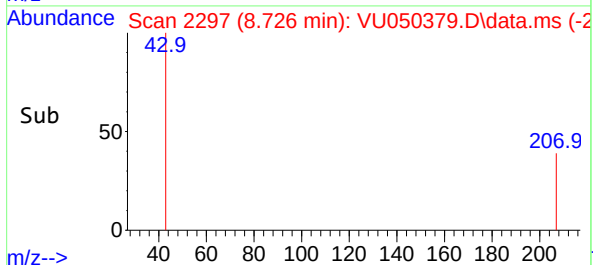
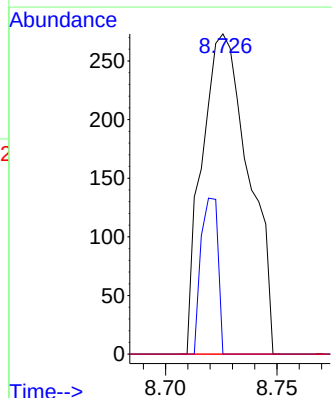
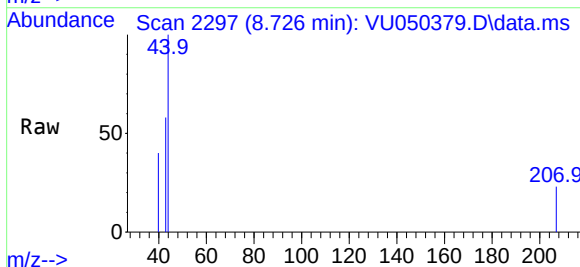
Tgt Ion: 43 Resp: 399

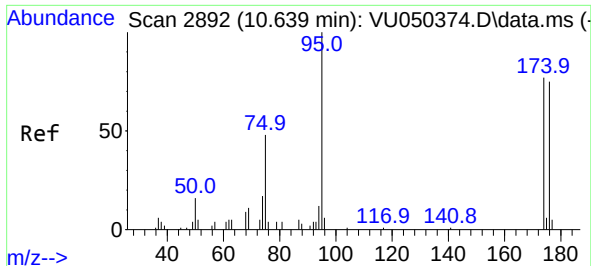
Ion Ratio Lower Upper

43 100

58 17.8 37.1 77.1#

57 0.0 0.0 39.5

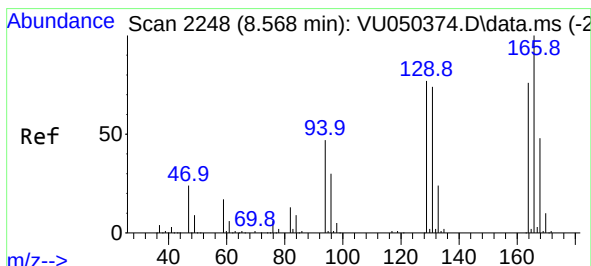
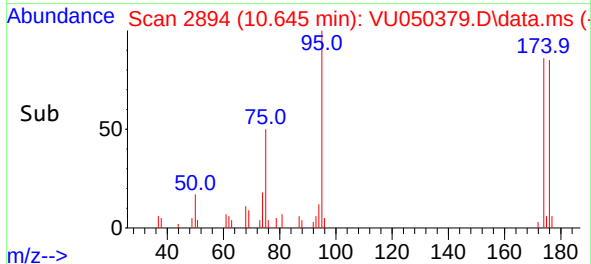
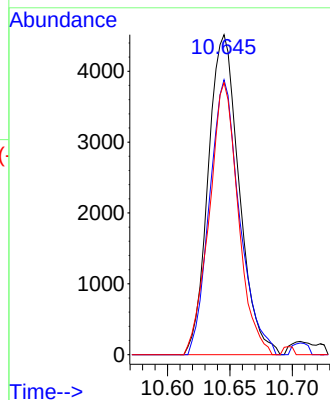
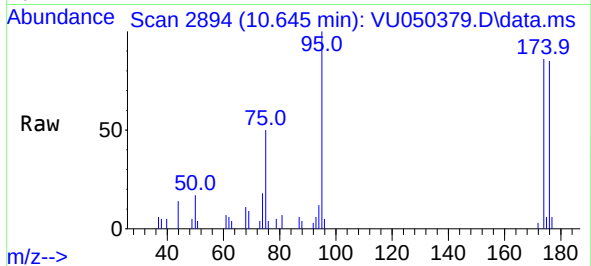




#57
4-Bromofluorobenzene
Concen: 0.755 ug/l
RT: 10.645 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU050379.D
Acq: 19 Aug 2022 20:01

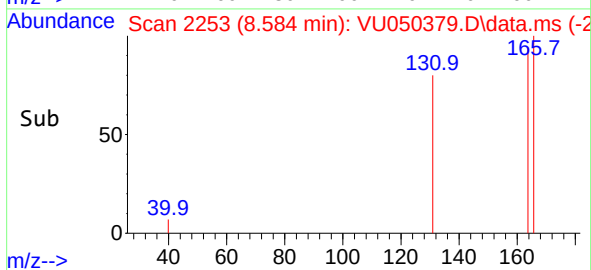
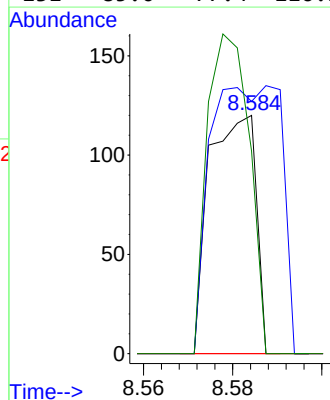
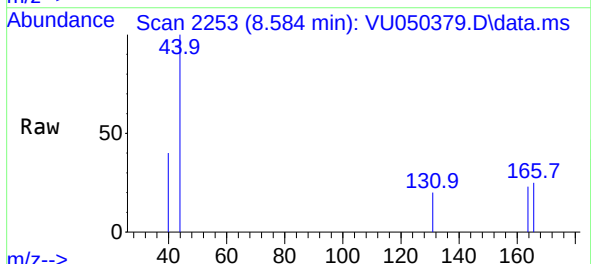
Instrument :
MSVOA_U
ClientSampleId :
VU0819WBL02

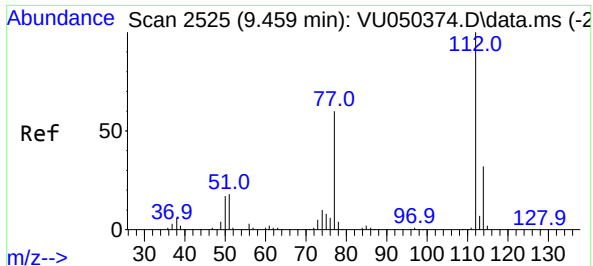
Tgt Ion: 95 Resp: 7800
Ion Ratio Lower Upper
95 100
174 83.6 62.4 93.6
176 79.2 56.2 84.2



#58
Tetrachloroethene
Concen: 0.010 ug/l
RT: 8.584 min Scan# 2253
Delta R.T. 0.016 min
Lab File: VU050379.D
Acq: 19 Aug 2022 20:01

Tgt Ion: 164 Resp: 86
Ion Ratio Lower Upper
164 100
166 105.8 102.4 153.6
129 0.0 79.5 119.3#
131 85.0 77.4 116.2





#59

Chlorobenzene

Concen: 0.009 ug/l

RT: 9.468 min Scan# 2525

Delta R.T. 0.010 min

Lab File: VU050379.D

Acq: 19 Aug 2022 20:01

Instrument :

MSVOA_U

ClientSampleId :

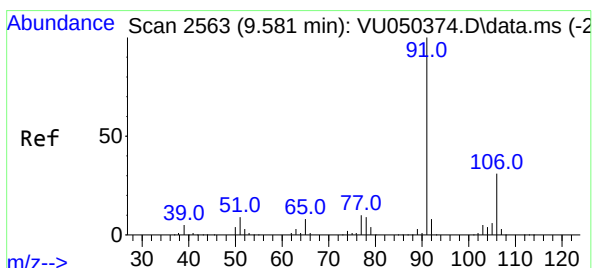
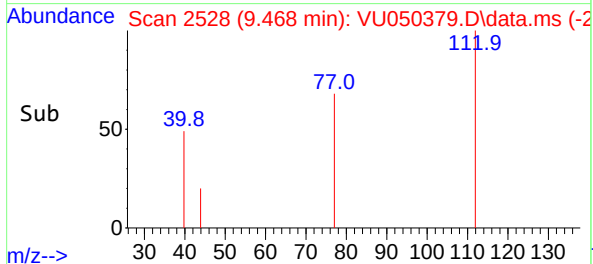
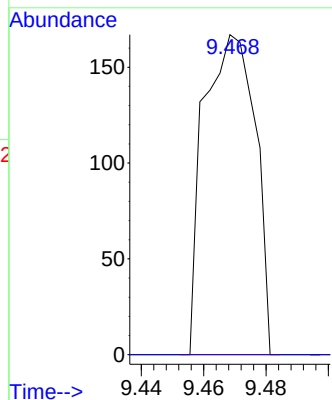
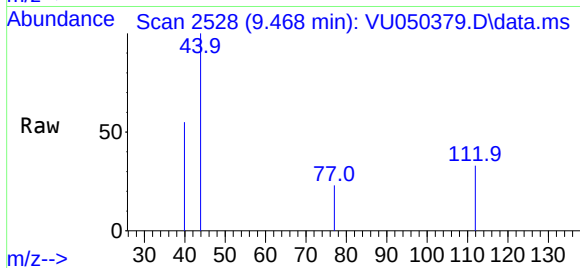
VU0819WBL02

Tgt Ion:112 Resp: 191

Ion Ratio Lower Upper

112 100

114 0.0 24.9 37.3#



#63

Ethyl Benzene

Concen: 0.579 ug/l

RT: 9.584 min Scan# 2564

Delta R.T. 0.003 min

Lab File: VU050379.D

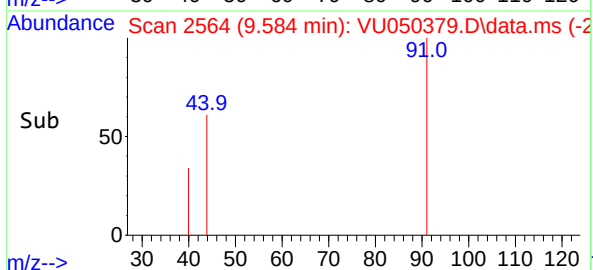
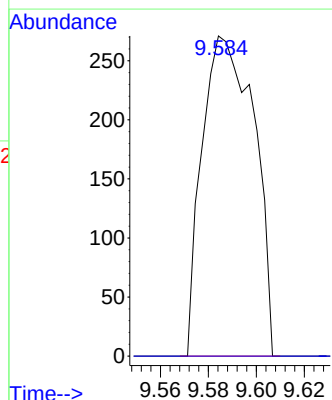
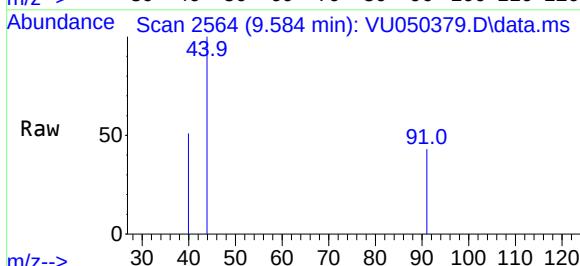
Acq: 19 Aug 2022 20:01

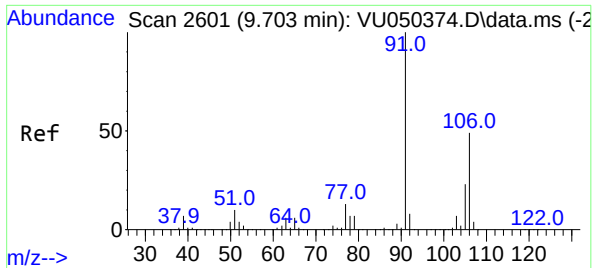
Tgt Ion: 91 Resp: 407

Ion Ratio Lower Upper

91 100

106 0.0 24.4 36.6#

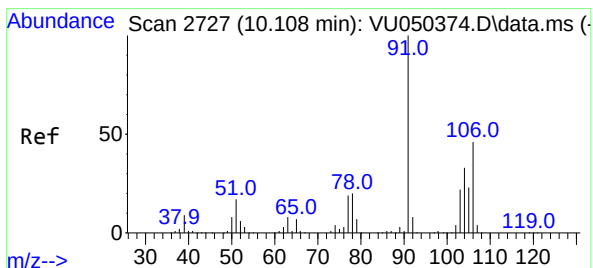
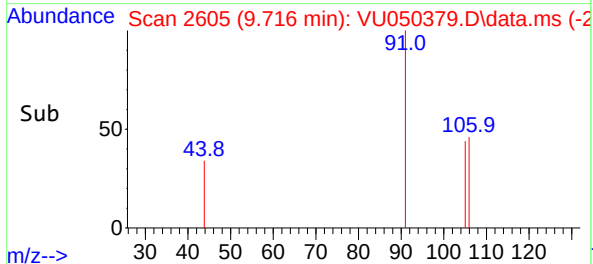
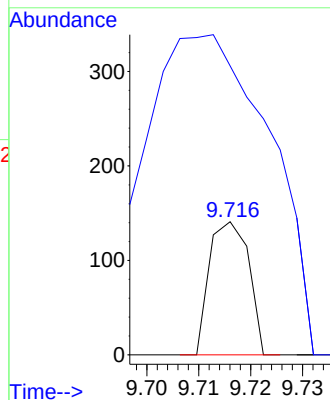
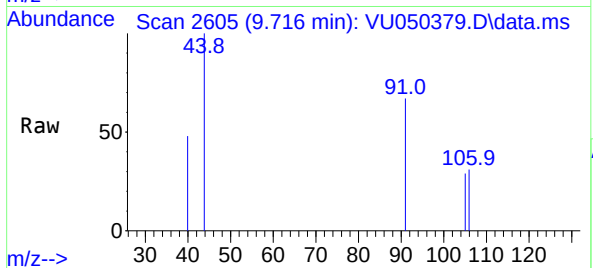




#64
m/p-Xylenes
Concen: 1.088 ug/l
RT: 9.716 min Scan# 2605
Delta R.T. 0.013 min
Lab File: VU050379.D
Acq: 19 Aug 2022 20:01

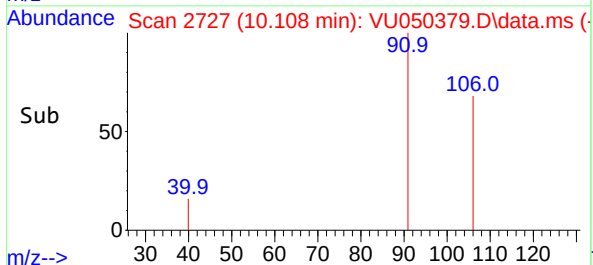
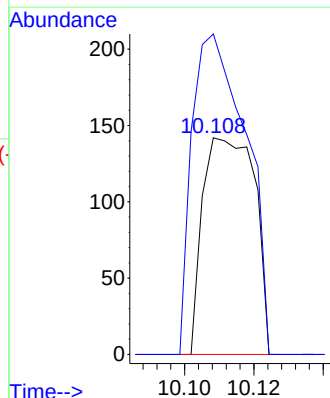
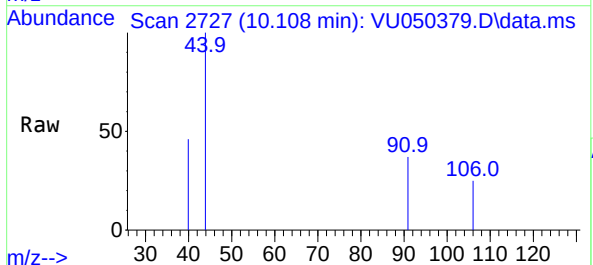
Instrument :
MSVOA_U
ClientSampleId :
VU0819WBL02

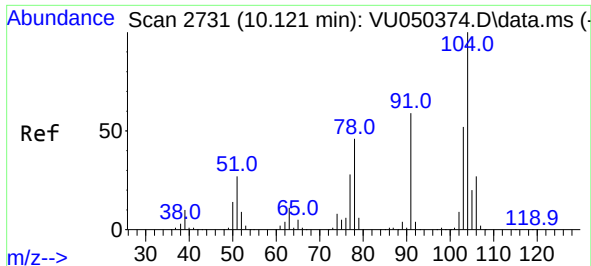
Tgt Ion:106 Resp: 74
Ion Ratio Lower Upper
106 100
91 752.7 167.8 251.6#



#65
o-Xylene
Concen: 0.520 ug/l
RT: 10.108 min Scan# 2727
Delta R.T. 0.000 min
Lab File: VU050379.D
Acq: 19 Aug 2022 20:01

Tgt Ion:106 Resp: 148
Ion Ratio Lower Upper
106 100
91 152.7 111.1 333.2

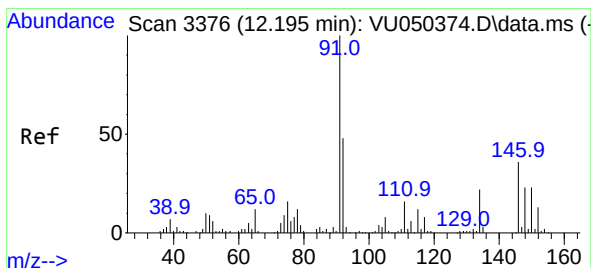
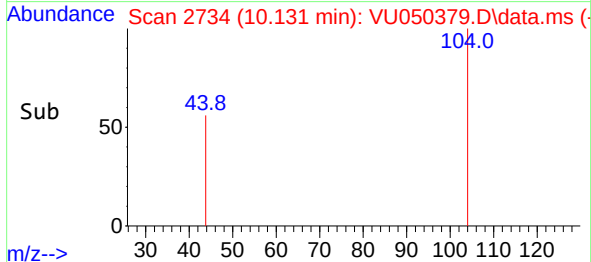
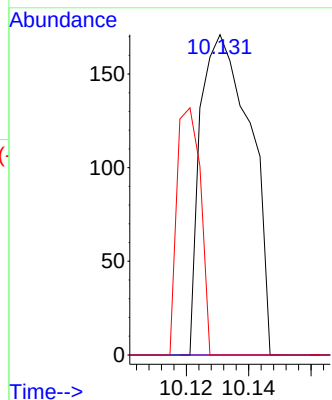
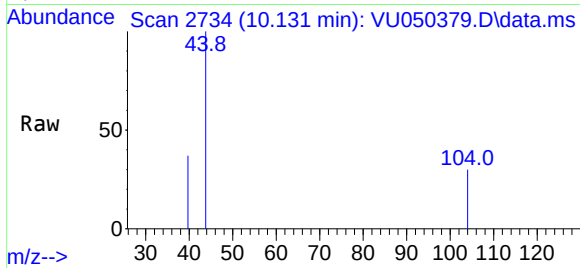




#66
Styrene
Concen: 0.607 ug/l
RT: 10.131 min Scan# 21
Delta R.T. 0.010 min
Lab File: VU050379.D
Acq: 19 Aug 2022 20:01

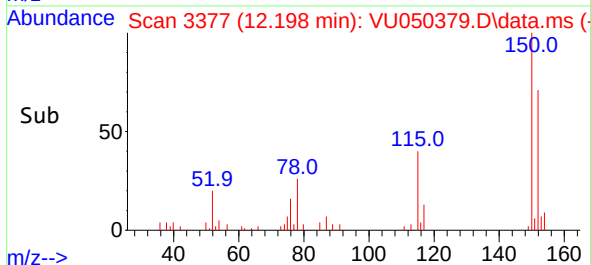
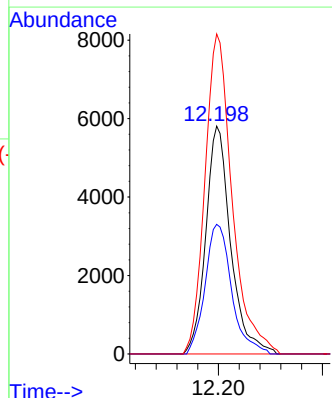
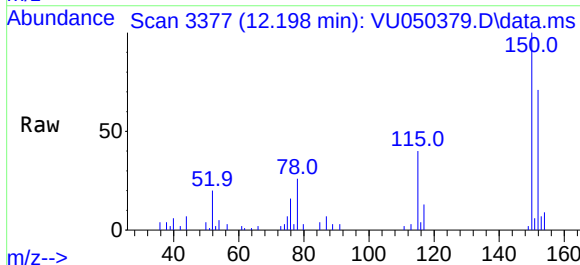
Instrument :
MSVOA_U
ClientSampleId :
VU0819WBL02

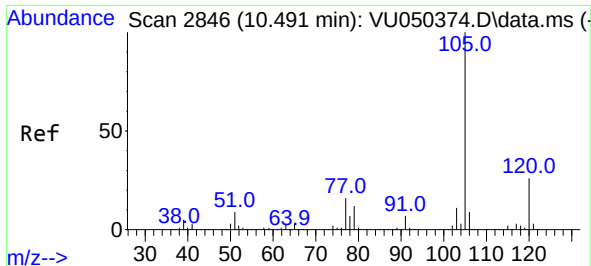
Tgt Ion:104 Resp: 189
Ion Ratio Lower Upper
104 100
78 0.0 42.1 63.1#
103 36.5 44.5 66.7#



#68
1,2-Dichlorobenzene-d4
Concen: 0.791 ug/l
RT: 12.198 min Scan# 3377
Delta R.T. 0.003 min
Lab File: VU050379.D
Acq: 19 Aug 2022 20:01

Tgt Ion:152 Resp: 9661
Ion Ratio Lower Upper
152 100
115 60.7 0.0 254.6
150 153.2 0.0 623.6

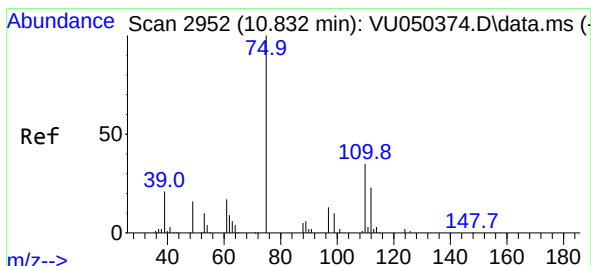
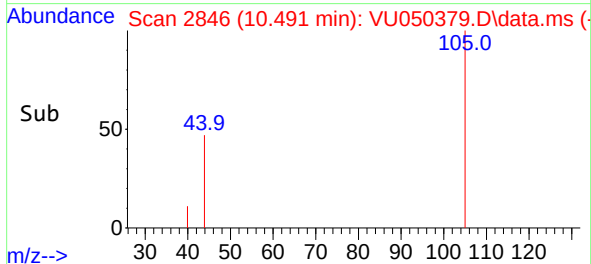
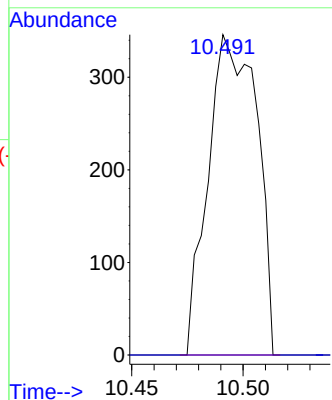
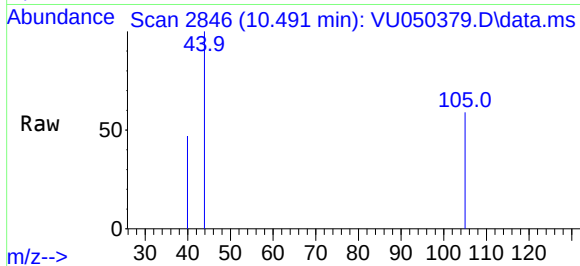




#69
Isopropylbenzene
Concen: 0.016 ug/l
RT: 10.491 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VU050379.D
Acq: 19 Aug 2022 20:01

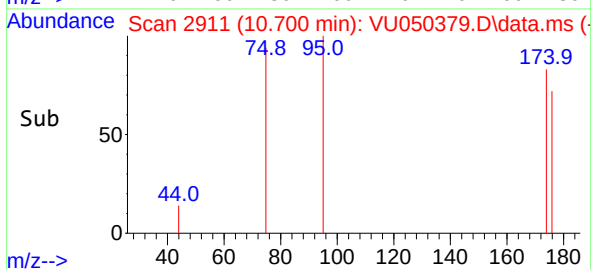
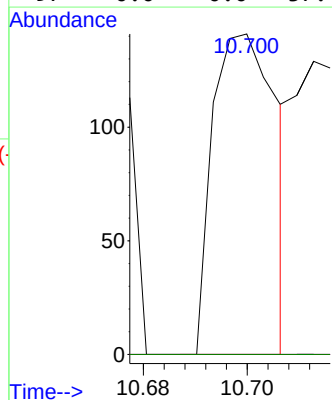
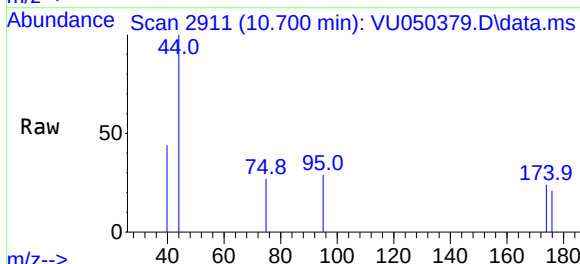
Instrument :
MSVOA_U
ClientSampleId :
VU0819WBL02

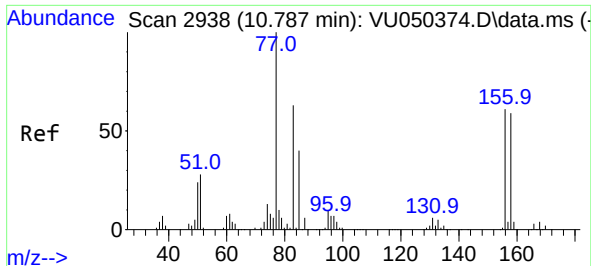
Tgt Ion:105 Resp: 527
Ion Ratio Lower Upper
105 100
120 0.0 12.6 37.8#



#71
1,2,3-Trichloropropane
Concen: 0.015 ug/l
RT: 10.700 min Scan# 2911
Delta R.T. -0.132 min
Lab File: VU050379.D
Acq: 19 Aug 2022 20:01

Tgt Ion: 75 Resp: 120
Ion Ratio Lower Upper
75 100
77 185.8 0.0 112.4#
110 0.0 0.0 70.6
97 0.0 0.0 37.4

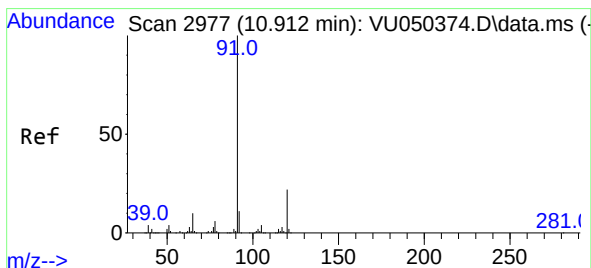
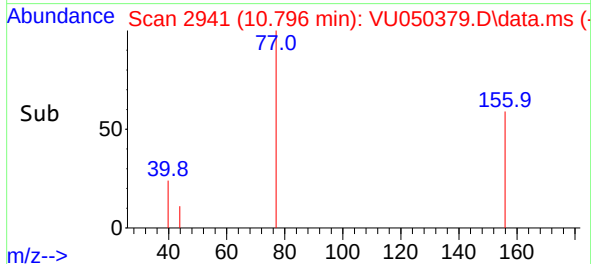
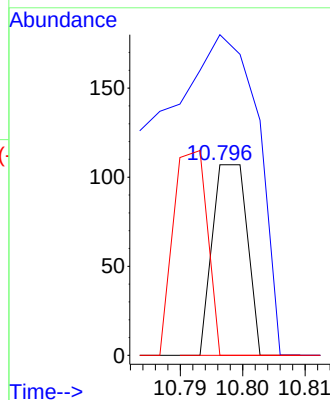
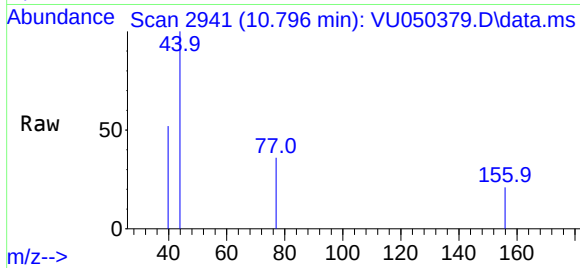




#72
Bromobenzene
Concen: 0.004 ug/l
RT: 10.796 min Scan# 2941
Delta R.T. 0.010 min
Lab File: VU050379.D
Acq: 19 Aug 2022 20:01

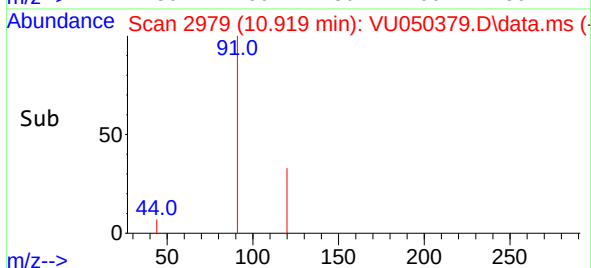
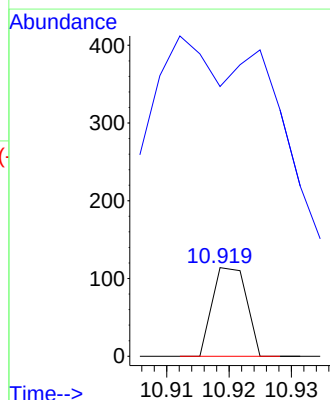
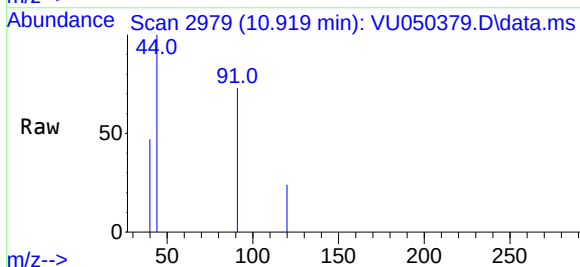
Instrument :
MSVOA_U
ClientSampleId :
VU0819WBL02

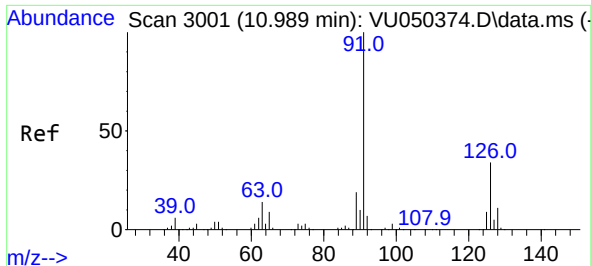
Tgt Ion:156 Resp: 41
Ion Ratio Lower Upper
156 100
77 543.9 0.0 344.4#
158 107.3 0.0 192.2



#73
n-propylbenzene
Concen: 0.596 ug/l
RT: 10.919 min Scan# 2979
Delta R.T. 0.007 min
Lab File: VU050379.D
Acq: 19 Aug 2022 20:01

Tgt Ion:120 Resp: 43
Ion Ratio Lower Upper
120 100
91 974.4 367.8 551.6#

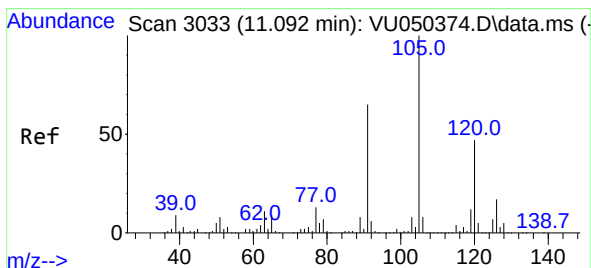
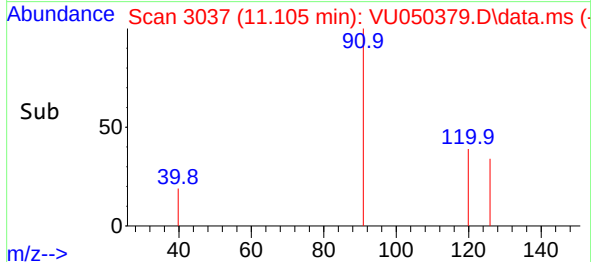
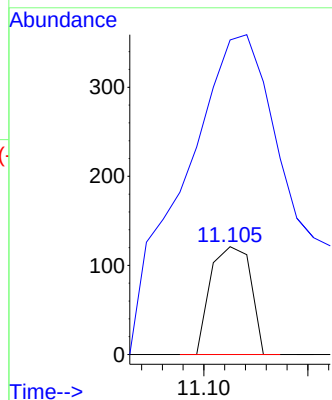
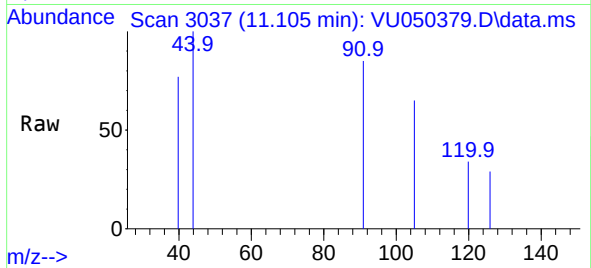




#74
2-Chlorotoluene
Concen: 0.396 ug/l
RT: 11.105 min Scan# 3037
Delta R.T. 0.116 min
Lab File: VU050379.D
Acq: 19 Aug 2022 20:01

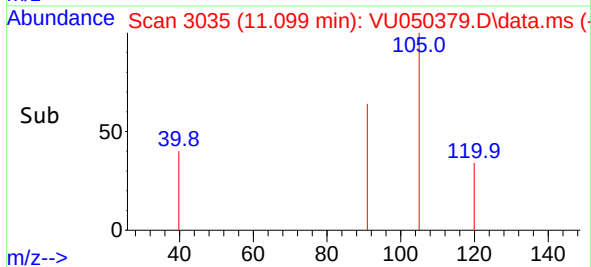
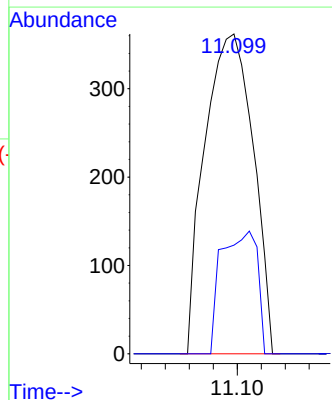
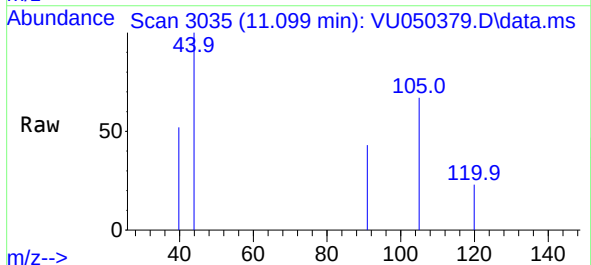
Instrument :
MSVOA_U
ClientSampleId :
VU0819WBL02

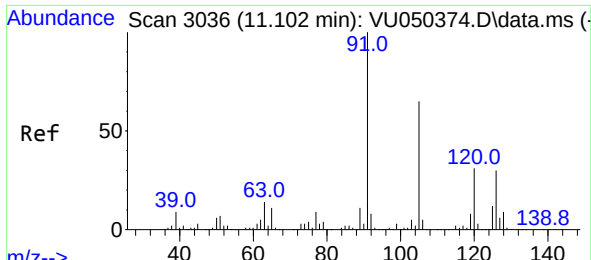
Tgt Ion:126 Resp: 65
Ion Ratio Lower Upper
126 100
91 813.8 0.0 620.6#



#75
1,3,5-Trimethylbenzene
Concen: 0.536 ug/l
RT: 11.099 min Scan# 3035
Delta R.T. 0.007 min
Lab File: VU050379.D
Acq: 19 Aug 2022 20:01

Tgt Ion:105 Resp: 507
Ion Ratio Lower Upper
105 100
120 28.6 37.6 56.4#

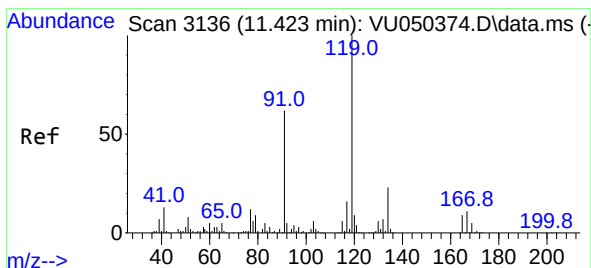
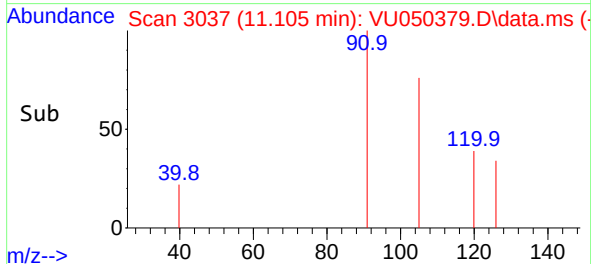
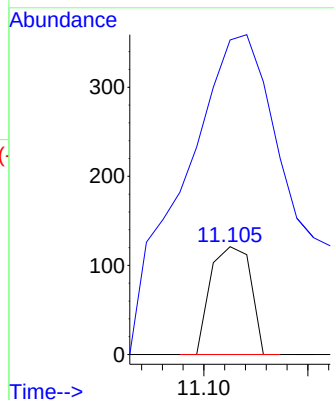
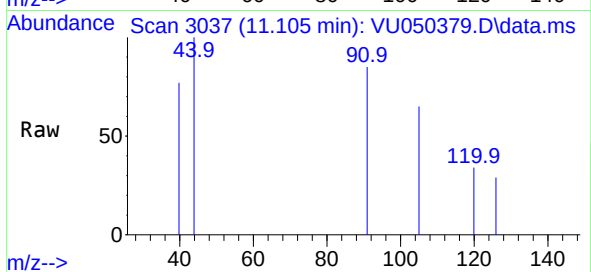




#76
4-Chlorotoluene
Concen: 0.407 ug/l
RT: 11.105 min Scan# 3036
Delta R.T. 0.003 min
Lab File: VU050379.D
Acq: 19 Aug 2022 20:01

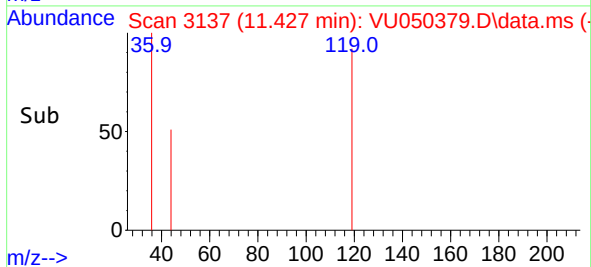
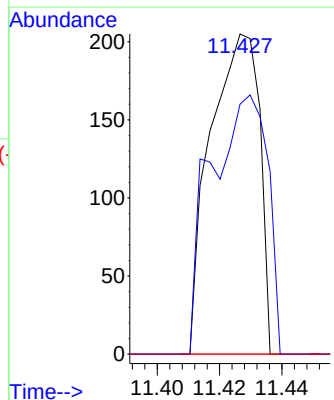
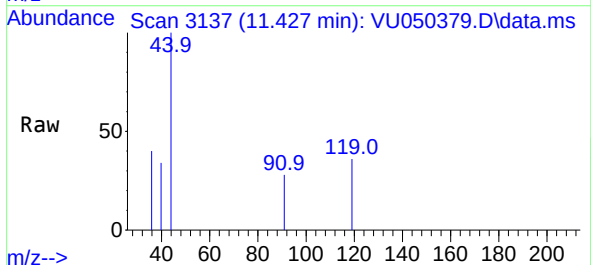
Instrument :
MSVOA_U
ClientSampleId :
VU0819WBL02

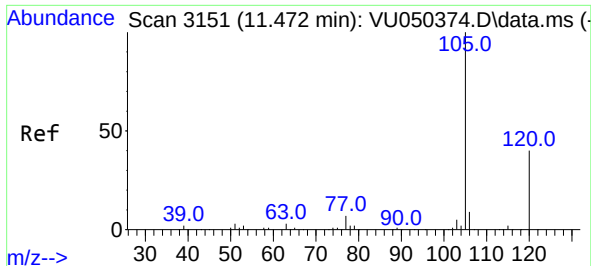
Tgt Ion:126 Resp: 65
Ion Ratio Lower Upper
126 100
91 813.8 0.0 738.8#



#77
tert-Butylbenzene
Concen: 0.500 ug/l
RT: 11.427 min Scan# 3137
Delta R.T. 0.004 min
Lab File: VU050379.D
Acq: 19 Aug 2022 20:01

Tgt Ion:119 Resp: 224
Ion Ratio Lower Upper
119 100
91 93.8 30.4 91.3#
134 0.0 17.8 26.6#

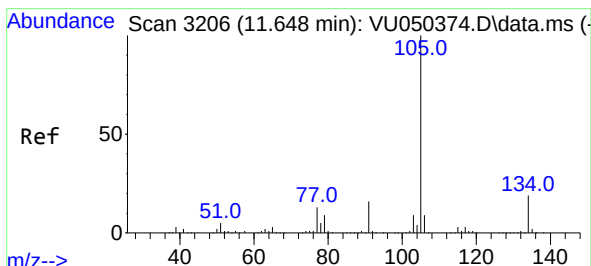
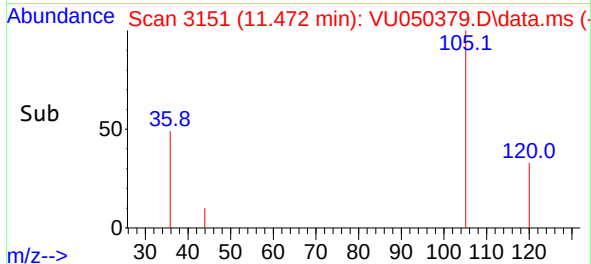
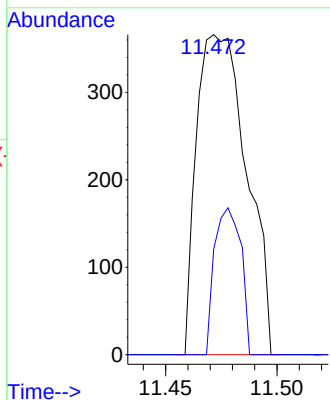
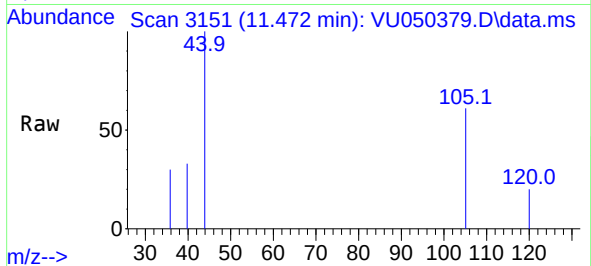




#78
 1,2,4-Trimethylbenzene
 Concen: 0.579 ug/l
 RT: 11.472 min Scan# 3151
 Delta R.T. -0.000 min
 Lab File: VU050379.D
 Acq: 19 Aug 2022 20:01

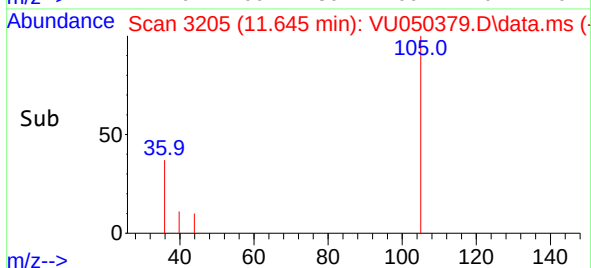
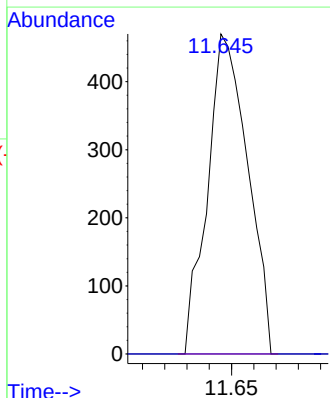
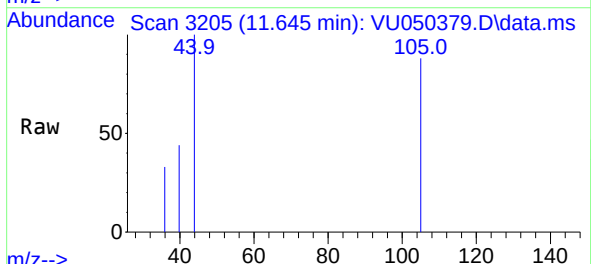
Instrument : MSVOA_U
 ClientSampleId : VU0819WBL02

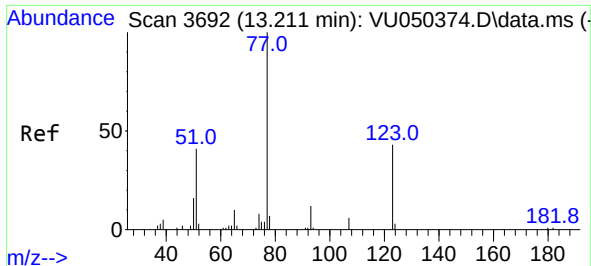
Tgt Ion:105 Resp: 572
 Ion Ratio Lower Upper
 105 100
 120 24.1 21.6 65.0



#79
 sec-Butylbenzene
 Concen: 0.560 ug/l
 RT: 11.645 min Scan# 3205
 Delta R.T. -0.003 min
 Lab File: VU050379.D
 Acq: 19 Aug 2022 20:01

Tgt Ion:105 Resp: 590
 Ion Ratio Lower Upper
 105 100
 134 0.0 15.4 23.0#

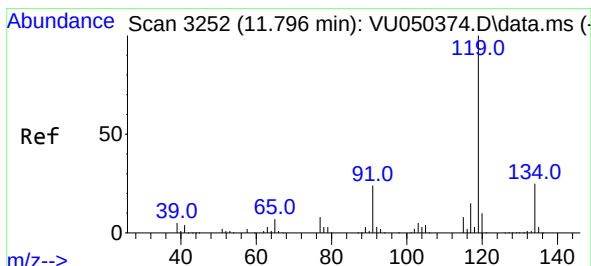
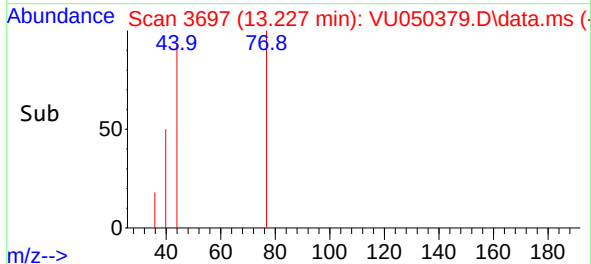
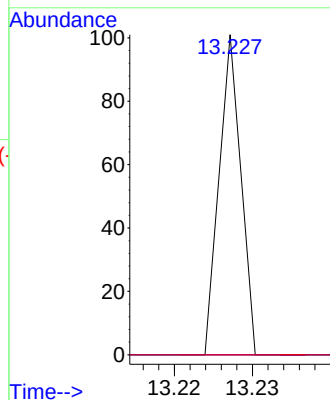
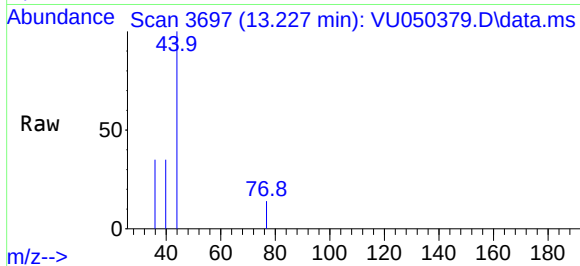




#80
Nitrobenzene
Concen: 0.032 ug/l
RT: 13.227 min Scan# 3697
Delta R.T. 0.016 min
Lab File: VU050379.D
Acq: 19 Aug 2022 20:01

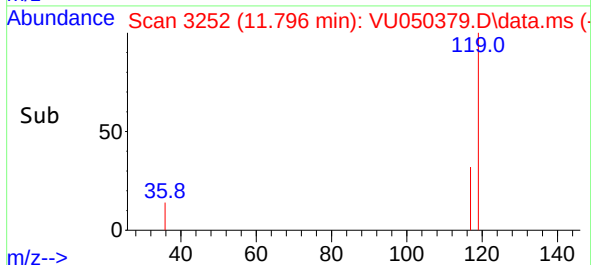
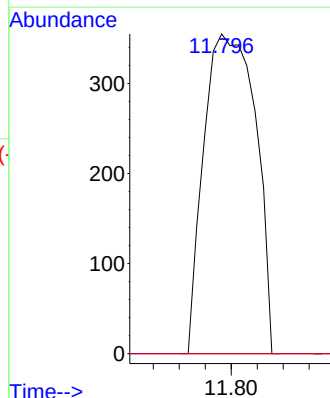
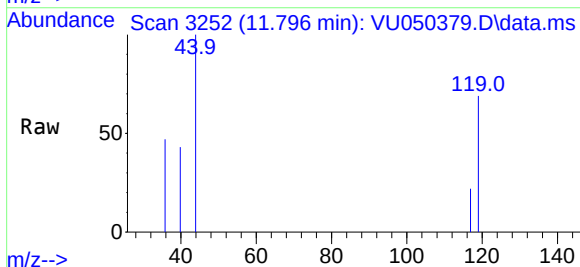
Instrument :
MSVOA_U
ClientSampleId :
VU0819WBL02

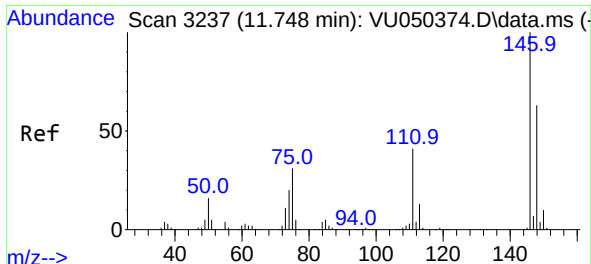
Tgt Ion: 77 Resp: 19
Ion Ratio Lower Upper
77 100
123 0.0 18.1 64.3#
65 0.0 10.8 13.8#



#81
p-Isopropyltoluene
Concen: 0.016 ug/l
RT: 11.796 min Scan# 3252
Delta R.T. 0.000 min
Lab File: VU050379.D
Acq: 19 Aug 2022 20:01

Tgt Ion: 119 Resp: 489
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: 0.025 ug/l

RT: 11.755 min Scan# 31

Delta R.T. 0.006 min

Lab File: VU050379.D

Acq: 19 Aug 2022 20:01

Instrument :

MSVOA_U

ClientSampleId :

VU0819WBL02

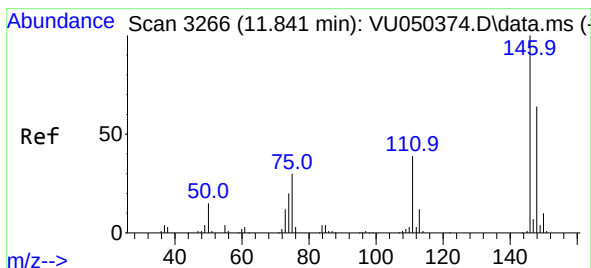
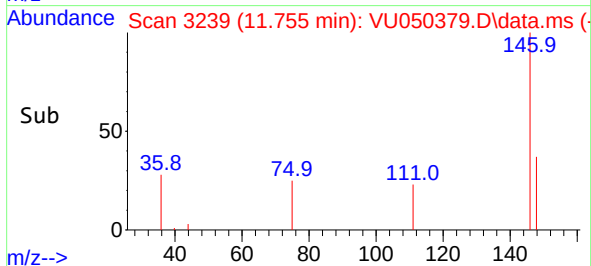
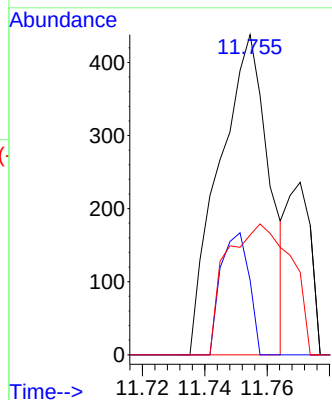
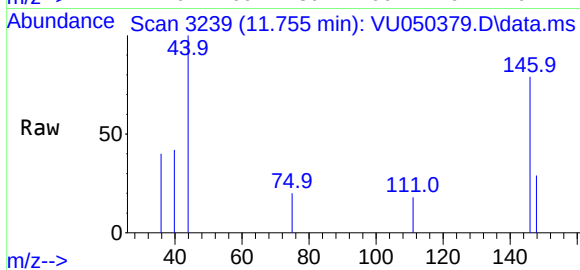
Tgt Ion:146 Resp: 485

Ion Ratio Lower Upper

146 100

111 21.6 33.4 50.2#

148 52.8 51.2 76.8



#83

1,4-Dichlorobenzene

Concen: 0.036 ug/l

RT: 11.851 min Scan# 3269

Delta R.T. 0.010 min

Lab File: VU050379.D

Acq: 19 Aug 2022 20:01

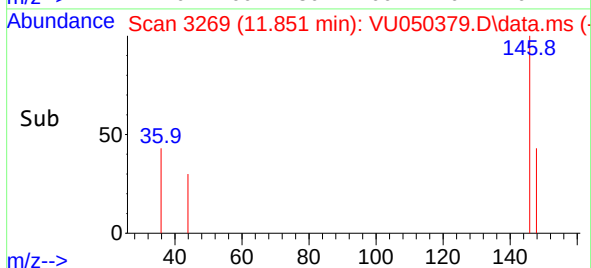
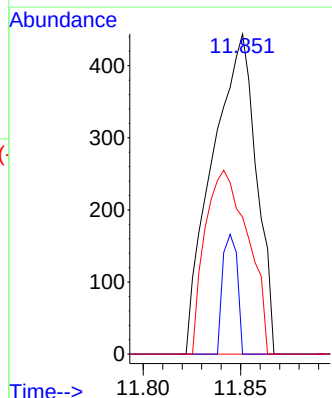
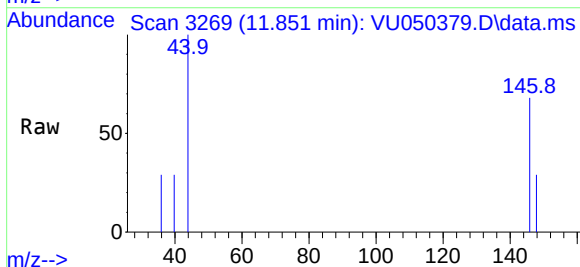
Tgt Ion:146 Resp: 697

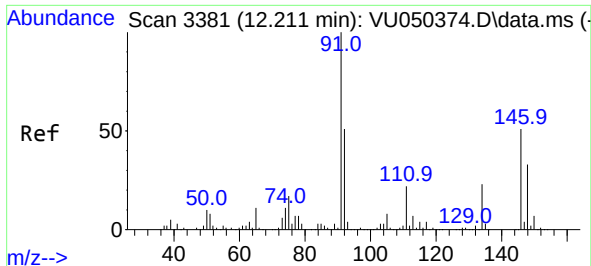
Ion Ratio Lower Upper

146 100

111 12.3 32.6 49.0#

148 56.0 51.6 77.4

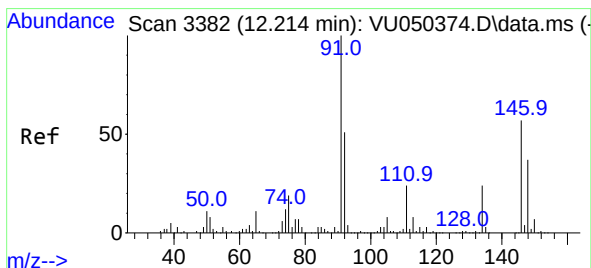
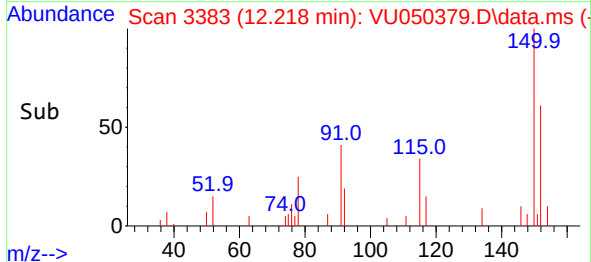
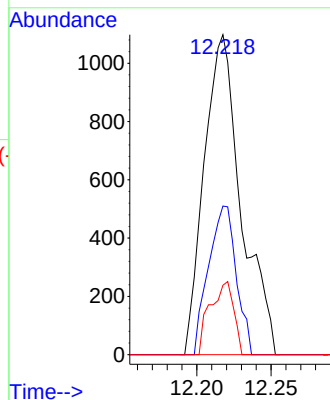
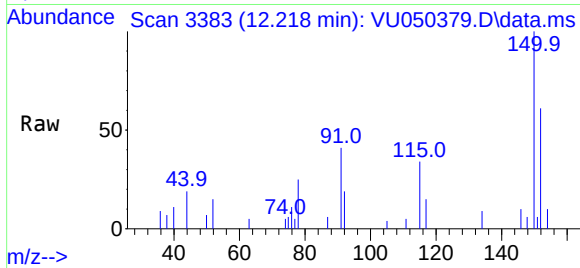




#84
n-Butylbenzene
Concen: 0.635 ug/l
RT: 12.218 min Scan# 3189
Delta R.T. 0.007 min
Lab File: VU050379.D
Acq: 19 Aug 2022 20:01

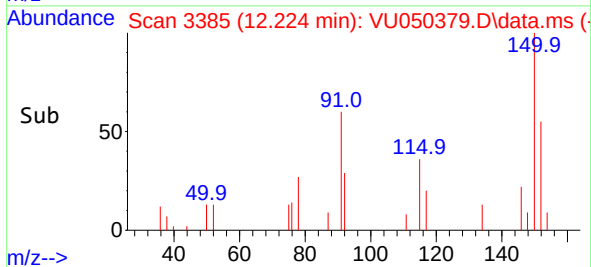
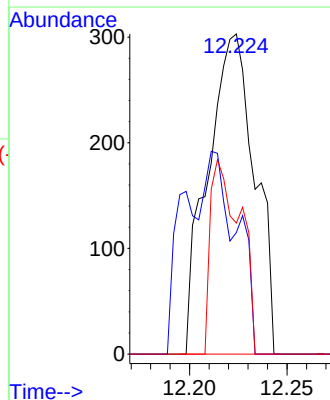
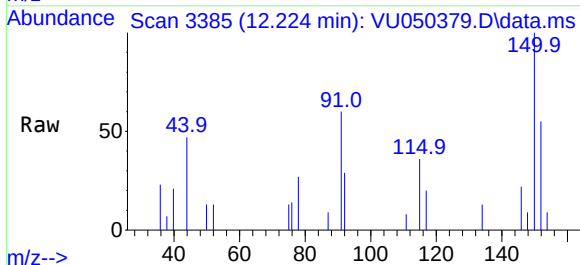
Instrument :
MSVOA_U
ClientSampleId :
VU0819WBL02

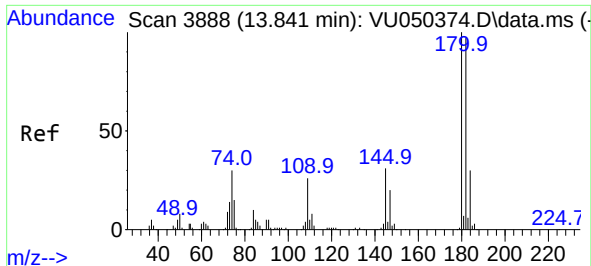
Tgt Ion: 91 Resp: 1899
Ion Ratio Lower Upper
91 100
92 34.9 42.3 63.5#
134 14.6 19.6 29.4#



#85
1,2-Dichlorobenzene
Concen: 0.027 ug/l
RT: 12.224 min Scan# 3385
Delta R.T. 0.010 min
Lab File: VU050379.D
Acq: 19 Aug 2022 20:01

Tgt Ion: 146 Resp: 509
Ion Ratio Lower Upper
146 100
111 43.4 22.1 66.1
148 38.5 32.1 96.3

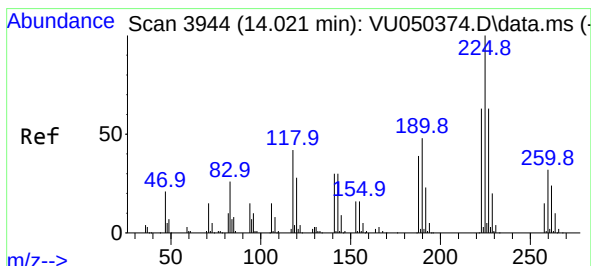
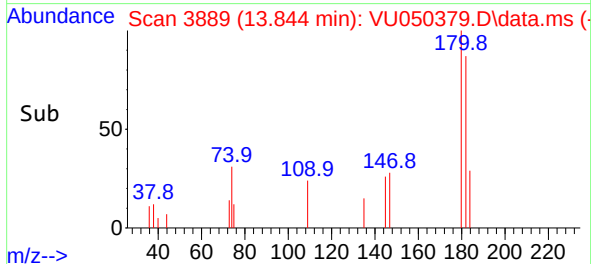
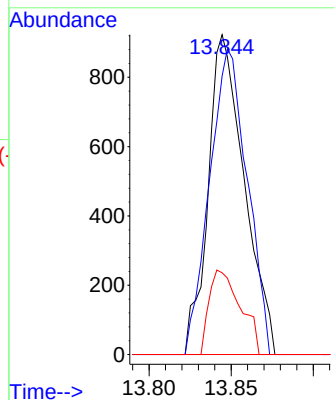
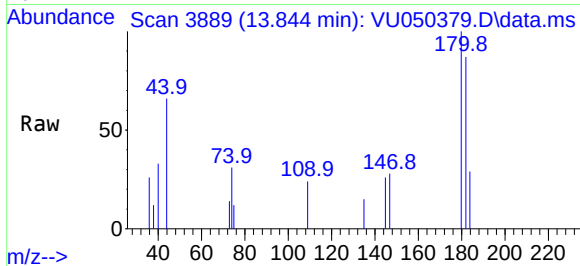




#87
1,2,4-Trichlorobenzene
Concen: 0.130 ug/l
RT: 13.844 min Scan# 3888
Delta R.T. 0.003 min
Lab File: VU050379.D
Acq: 19 Aug 2022 20:01

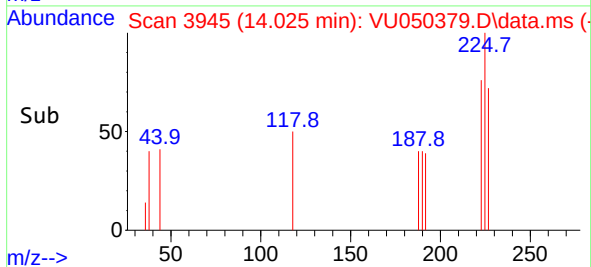
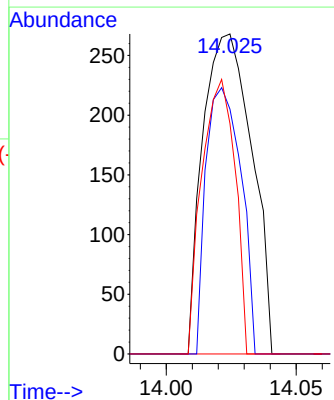
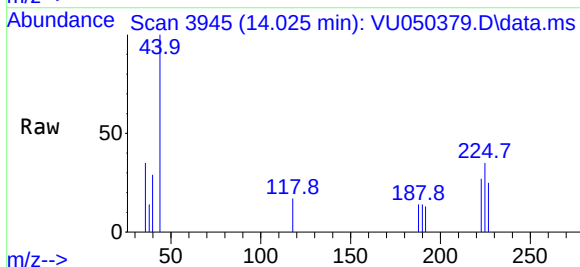
Instrument :
MSVOA_U
ClientSampleId :
VU0819WBL02

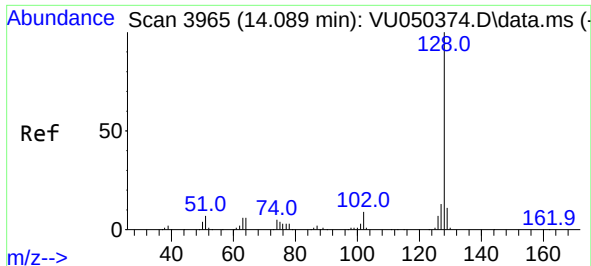
Tgt Ion:180 Resp: 1413
Ion Ratio Lower Upper
180 100
182 99.3 77.0 115.6
145 22.9 25.7 38.5#



#88
Hexachlorobutadiene
Concen: 0.050 ug/l
RT: 14.025 min Scan# 3945
Delta R.T. 0.003 min
Lab File: VU050379.D
Acq: 19 Aug 2022 20:01

Tgt Ion:225 Resp: 351
Ion Ratio Lower Upper
225 100
223 59.5 50.6 76.0
227 58.1 50.7 76.1

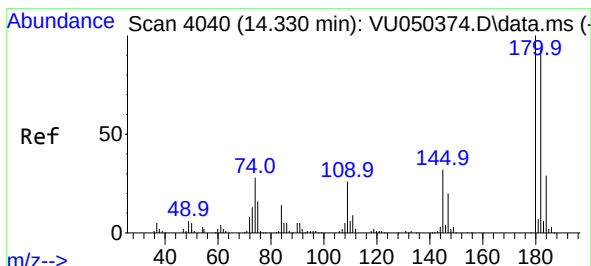
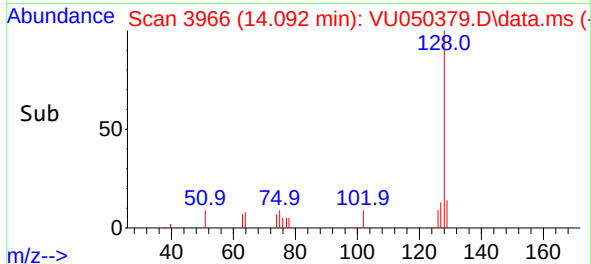
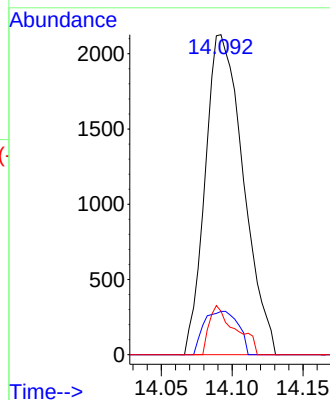
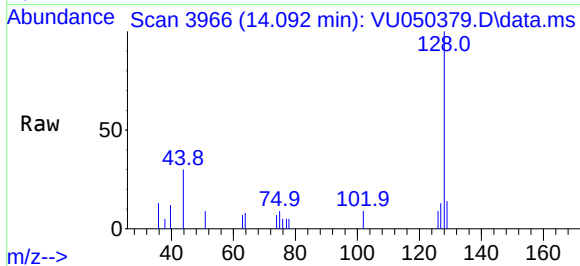




#89
Naphthalene
Concen: 1.083 ug/l
RT: 14.092 min Scan# 3966
Delta R.T. 0.003 min
Lab File: VU050379.D
Acq: 19 Aug 2022 20:01

Instrument :
MSVOA_U
ClientSampleId :
VU0819WBL02

Tgt Ion:	128	Resp:	3981
Ion	Ratio	Lower	Upper
128	100		
127	12.2	10.1	15.1
129	10.5	8.6	12.8



#90
1,2,3-Trichlorobenzene
Concen: 0.591 ug/l
RT: 14.333 min Scan# 4041
Delta R.T. 0.003 min
Lab File: VU050379.D
Acq: 19 Aug 2022 20:01

Tgt Ion:	180	Resp:	1446
Ion	Ratio	Lower	Upper
180	100		
182	92.0	76.6	114.8
145	21.4	27.3	40.9#

