

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101822\
 Data File : VU051436.D
 Acq On : 18 Oct 2022 11:50
 Operator : JC/MD
 Sample : VSTDICV010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ICSVU101822

Quant Time: Oct 19 02:22:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U101722DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Oct 18 04:53:19 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.115	96	45391	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.629	95	19912	1.251	ug/l	0.00
Spiked Amount 1.000			Recovery	=	125.000%	
68) 1,2-Dichlorobenzene-d4	12.192	152	18062	1.016	ug/l	0.00
Spiked Amount 1.000			Recovery	=	102.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	104375	6.585	ug/l	99
3) Chloromethane	1.530	50	158016	6.326	ug/l	96
4) Vinyl Chloride	1.604	62	158369	7.324	ug/l	99
5) Bromomethane	1.854	94	88286	7.323	ug/l	99
6) Chloroethane	1.935	64	99037	8.036	ug/l	98
7) Trichlorofluoromethane	2.141	101	210851	8.728	ug/l	100
8) 1,1,2-Trichloro-1,2,2-...	2.584	101	128420	9.635	ug/l	98
9) 1,1-Dichloroethene	2.581	96	123469	8.863	ug/l	96
10) Iodomethane	2.723	142	145990	8.087	ug/l	98
11) Allyl Chloride	2.922	41	200864	9.455	ug/l	96
12) Acrylonitrile	3.314	53	234421	57.190	ug/l	96
13) Acetone	2.626	43	155968	52.841	ug/l	99
14) Carbon Disulfide	2.793	76	352480	7.101	ug/l	100
15) Methylene Chloride	3.044	84	161683	9.553	ug/l	95
16) trans-1,2-Dichloroethene	3.349	96	136141	8.523	ug/l	98
17) 1,1-Dichloroethane	3.867	63	263065	9.160	ug/l	100
18) 2-Butanone	4.710	43	219420	61.262	ug/l	99
19) Cyclohexane	5.385	56	167862	9.432	ug/l	89
20) Methylcyclohexane	6.761	83	187930	8.622	ug/l	98
21) 2,2-Dichloropropane	4.665	77	186371	9.294	ug/l	99
22) cis-1,2-Dichloroethene	4.665	96	148739	9.842	ug/l	98
23) Diethyl Ether	2.378	59	111053	9.130	ug/l	98
24) tert-Butyl Alcohol	3.186	59	65528	51.372	ug/l	100
25) Methyl tert-Butyl Ether	3.366	73	392678	10.838	ug/l	98
26) Bromochloromethane	4.973	128	58771	7.978	ug/l	97
27) Chloroform	5.089	83	270977	9.317	ug/l	99
28) 1,1,1-Trichloroethane	5.314	97	217369	9.363	ug/l	99
29) 1,1-Dichloropropene	5.523	75	179295	10.084	ug/l	99
30) Carbon Tetrachloride	5.523	117	185109	9.450	ug/l	98
31) Isopropyl Ether	3.996	45	398045	11.718	ug/l	# 1
33) Tert-Amyl methyl ether	5.771	73	9897	0.363	ug/l	# 1
34) Propionitrile	4.774	54	157751	131.009	ug/l	99
35) Benzene	5.774	78	576184	9.657	ug/l	98
36) 1,2-Dichloroethane	5.796	62	186640	10.139	ug/l	100
37) Trichloroethene	6.542	130	128069	9.144	ug/l	96
38) 1,2-Dichloropropane	6.790	63	158745	9.697	ug/l	100
39) Methacrylonitrile	4.976	41	52491	12.755	ug/l	99
40) Methyl acrylate	4.848	55	84232	12.835	ug/l	98
41) Tetrahydrofuran	5.057	42	144715	66.966	ug/l	98
42) 1-Chlorobutane	5.459	56	259169	10.679	ug/l	99
43) Dibromomethane	6.918	93	91399	10.759	ug/l	98
44) Bromodichloromethane	7.105	83	207133	10.075	ug/l	99
45) 4-Methyl-2-Pentanone	7.793	43	547695	67.725	ug/l	99

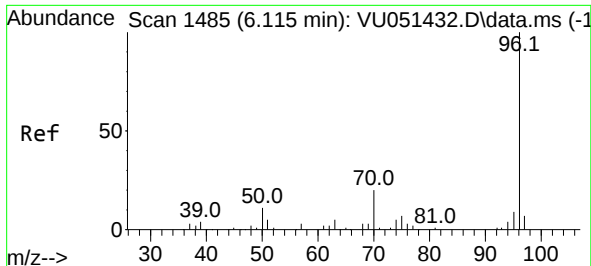
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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) t-1,4-Dichloro-2-butene	10.822	75	179451	39.759	ug/l #	41
47) Methyl methacrylate	6.963	69	77902	10.238	ug/l	99
48) Ethyl methacrylate	8.333	69	140411	10.137	ug/l	99
49) Toluene	7.970	92	349849	10.692	ug/l	99
50) t-1,3-Dichloropropene	8.211	75	184426	11.154	ug/l	99
51) cis-1,3-Dichloropropene	7.607	75	201656	10.345	ug/l	99
52) 1,1,2-Trichloroethane	8.401	97	135110	11.138	ug/l	99
53) 1,3-Dichloropropane	8.574	76	220133	11.260	ug/l	100
54) 2-Hexanone	8.684	43	385890	55.471	ug/l	100
55) Dibromochloromethane	8.809	129	142825	10.827	ug/l	100
56) 1,2-Dibromoethane	8.922	107	124242	11.649	ug/l	100
58) Tetrachloroethene	8.552	164	115586	9.472	ug/l	97
59) Chlorobenzene	9.446	112	349908	9.741	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.533	131	135303	9.830	ug/l	99
61) Pentachloroethane	11.426	117	130158	10.612	ug/l	96
62) Hexachloroethane	12.475	117	114564	9.836	ug/l	99
63) Ethyl Benzene	9.568	91	598804	8.953	ug/l	98
64) m/p-Xylenes	9.693	106	519399	19.017	ug/l	100
65) o-Xylene	10.102	106	233390	9.131	ug/l	97
66) Styrene	10.114	104	418350	9.455	ug/l	99
67) Bromoform	10.288	173	89045	12.027	ug/l	99
69) Isopropylbenzene	10.484	105	637878	9.813	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.780	83	193768	11.812	ug/l	100
71) 1,2,3-Trichloropropane	10.822	75	179451	14.722	ug/l	77
72) Bromobenzene	10.780	156	153689	10.759	ug/l	99
73) n-propylbenzene	10.905	120	172226	9.208	ug/l	98
74) 2-Chlorotoluene	10.986	126	158775	11.417	ug/l	95
75) 1,3,5-Trimethylbenzene	11.089	105	585052	9.714	ug/l	99
76) 4-Chlorotoluene	11.095	126	163481	9.622	ug/l	97
77) tert-Butylbenzene	11.420	119	518225	11.255	ug/l	99
78) 1,2,4-Trimethylbenzene	11.465	105	592978	9.406	ug/l	100
79) sec-Butylbenzene	11.642	105	729123	9.672	ug/l	99
80) Nitrobenzene	13.208	77	8116	9.991	ug/l	98
81) p-Isopropyltoluene	11.793	119	595283	9.454	ug/l	99
82) 1,3-Dichlorobenzene	11.745	146	317100	10.333	ug/l	99
83) 1,4-Dichlorobenzene	11.835	146	321181	10.693	ug/l	100
84) n-Butylbenzene	12.208	91	535900	8.944	ug/l	99
85) 1,2-Dichlorobenzene	12.211	146	317323	10.494	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.995	75	29932	11.668	ug/l	97
87) 1,2,4-Trichlorobenzene	13.838	180	179835	10.979	ug/l	100
88) Hexachlorobutadiene	14.021	225	106686	9.991	ug/l	99
89) Naphthalene	14.085	128	397598	11.601	ug/l	99
90) 1,2,3-Trichlorobenzene	14.330	180	186144	10.389	ug/l	99

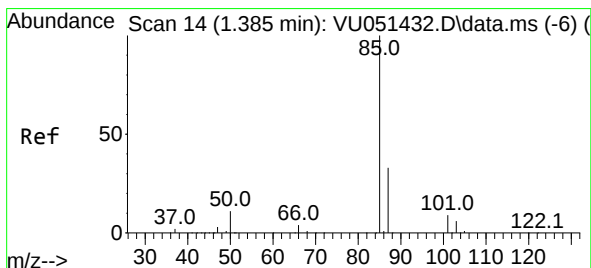
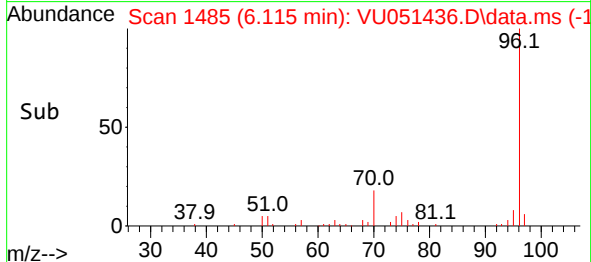
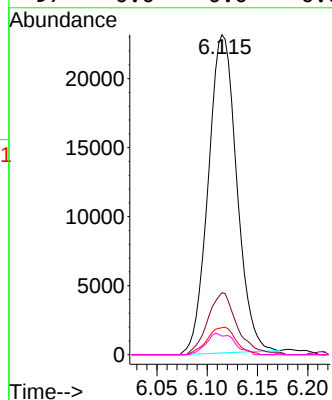
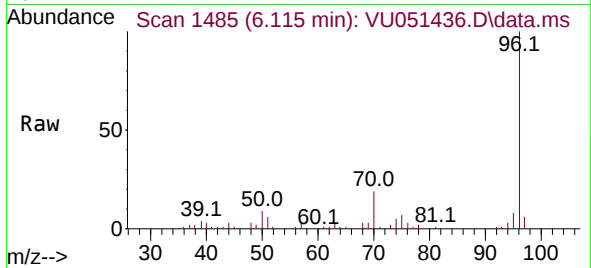
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.115 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU051436.D
Acq: 18 Oct 2022 11:50

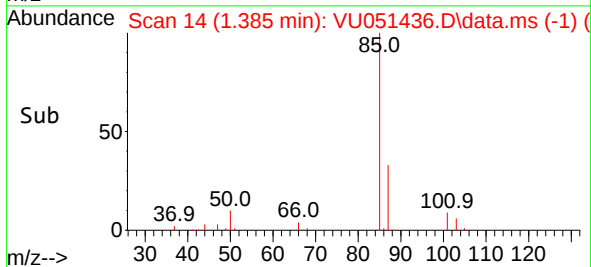
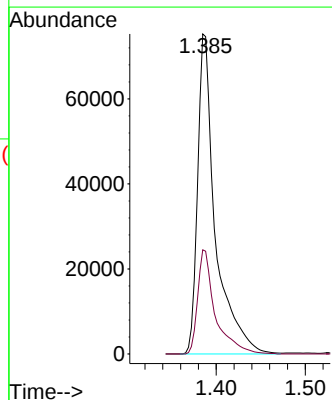
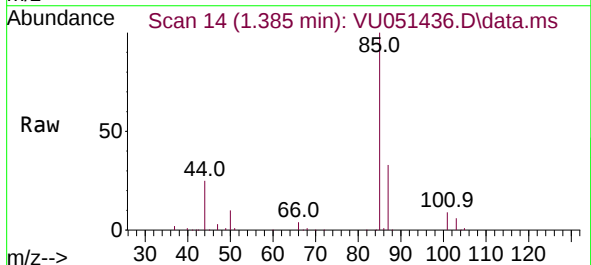
Instrument :
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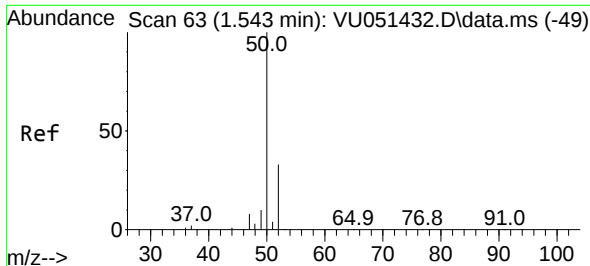
Tgt Ion: 96	Resp: 45391
Ion Ratio	Lower Upper
96 100	
70 20.1	16.7 25.1
95 8.7	7.5 11.3
97 0.0	0.0 0.0



#2
Dichlorodifluoromethane
Concen: 6.585 ug/l
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU051436.D
Acq: 18 Oct 2022 11:50

Tgt Ion: 85	Resp: 104375
Ion Ratio	Lower Upper
85 100	
87 32.6	16.4 49.4

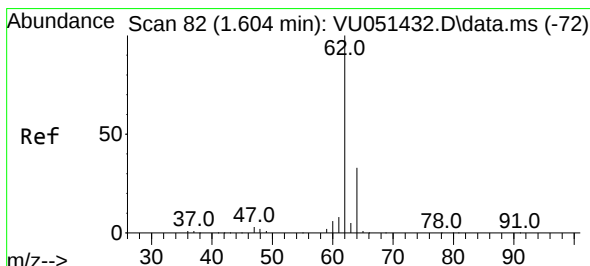
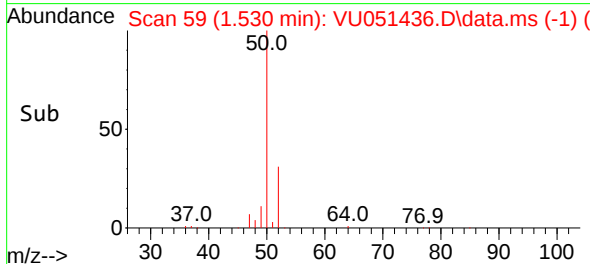
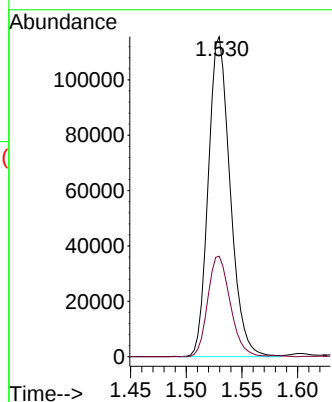
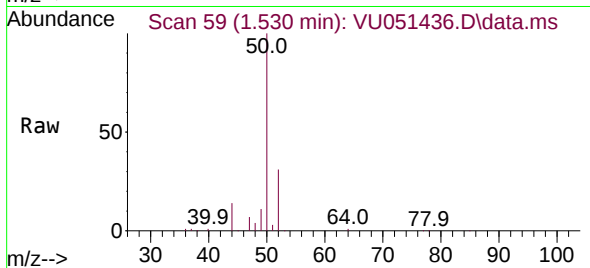




#3
Chloromethane
Concen: 6.326 ug/l
RT: 1.530 min Scan# 51
Delta R.T. -0.013 min
Lab File: VU051436.D
Acq: 18 Oct 2022 11:50

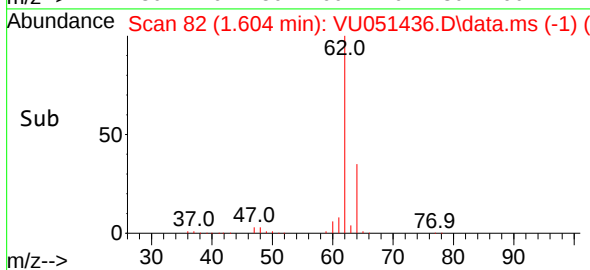
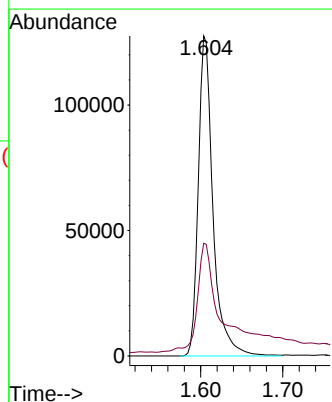
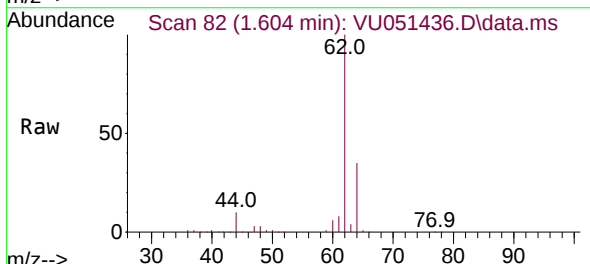
Instrument :
MSVOA_U
ClientSampleId :
ICVVU101822

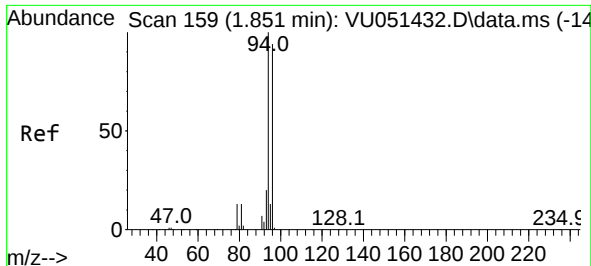
Tgt Ion: 50 Resp: 158016
Ion Ratio Lower Upper
50 100
52 31.4 26.7 40.1



#4
Vinyl Chloride
Concen: 7.324 ug/l
RT: 1.604 min Scan# 82
Delta R.T. -0.000 min
Lab File: VU051436.D
Acq: 18 Oct 2022 11:50

Tgt Ion: 62 Resp: 158369
Ion Ratio Lower Upper
62 100
64 32.7 26.7 40.1

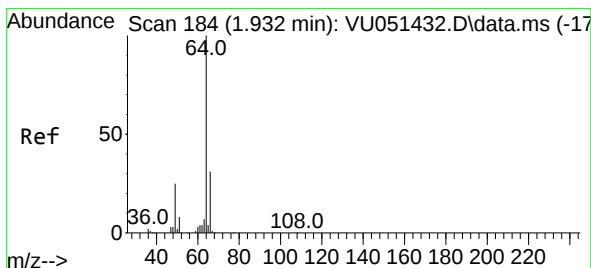
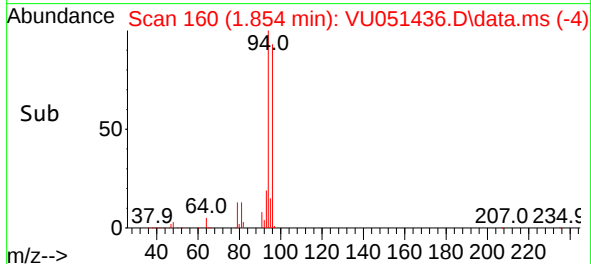
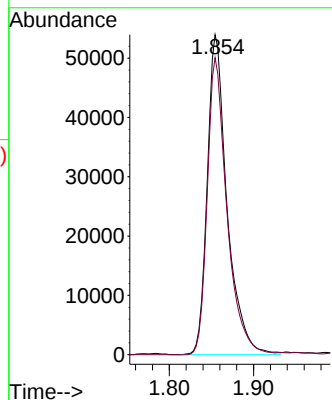
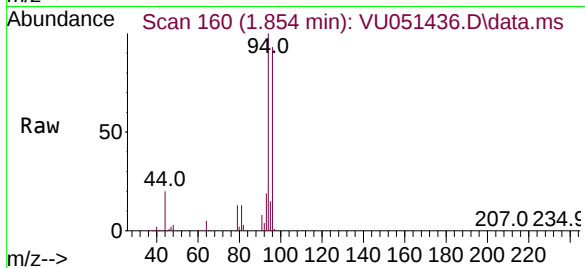




#5
Bromomethane
Concen: 7.323 ug/l
RT: 1.854 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU051436.D
Acq: 18 Oct 2022 11:50

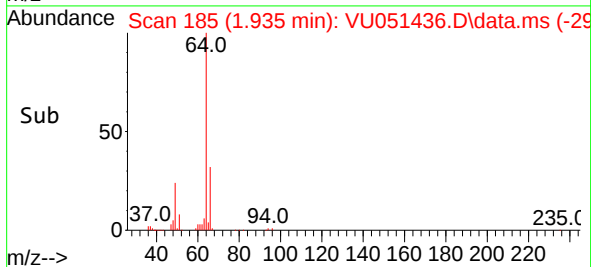
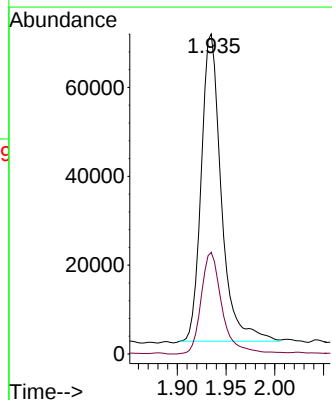
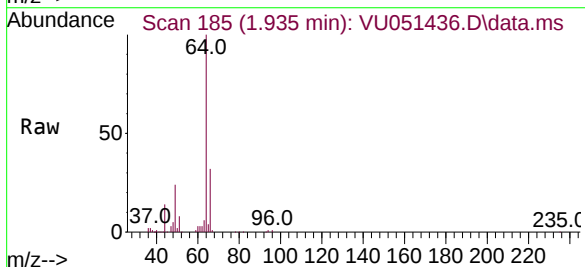
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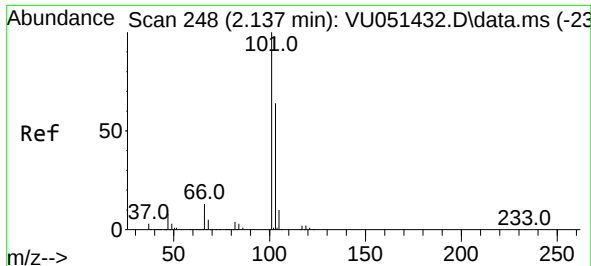
Tgt Ion: 94 Resp: 88286
Ion Ratio Lower Upper
94 100
96 92.8 74.8 112.2



#6
Chloroethane
Concen: 8.036 ug/l
RT: 1.935 min Scan# 185
Delta R.T. 0.003 min
Lab File: VU051436.D
Acq: 18 Oct 2022 11:50

Tgt Ion: 64 Resp: 99037
Ion Ratio Lower Upper
64 100
66 32.9 25.2 37.8

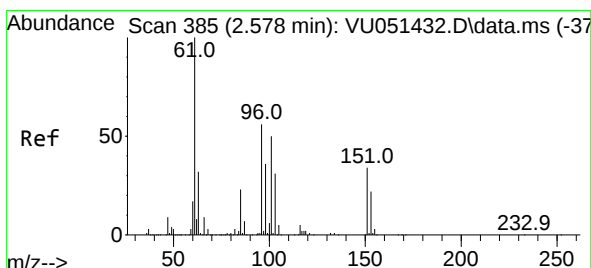
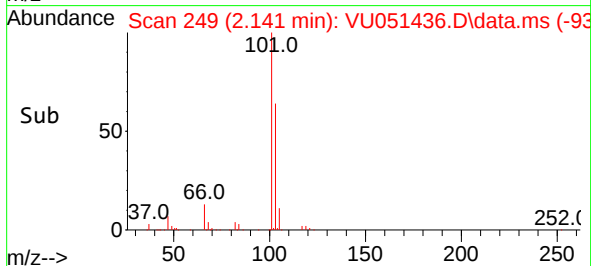
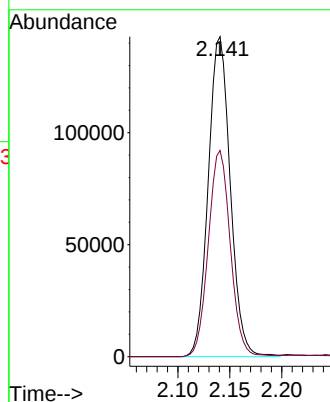
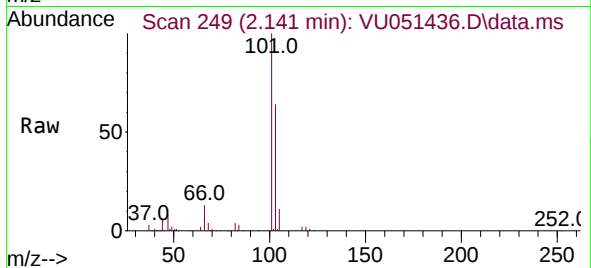




#7
Trichlorofluoromethane
Concen: 8.728 ug/l
RT: 2.141 min Scan# 248
Delta R.T. 0.003 min
Lab File: VU051436.D
Acq: 18 Oct 2022 11:50

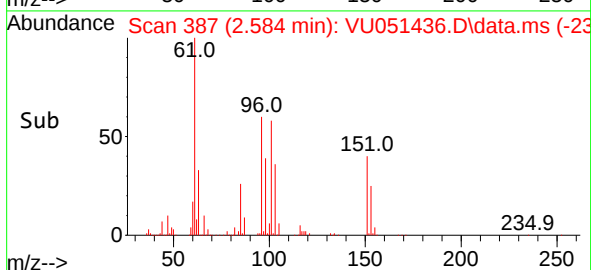
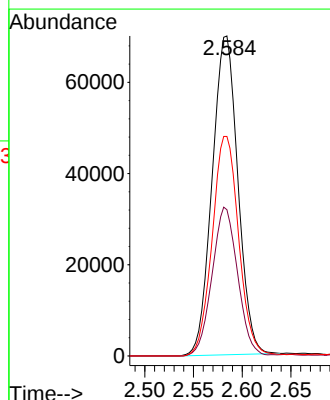
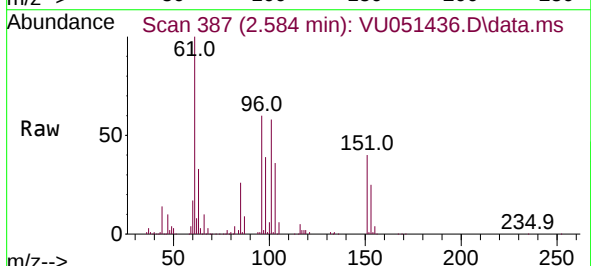
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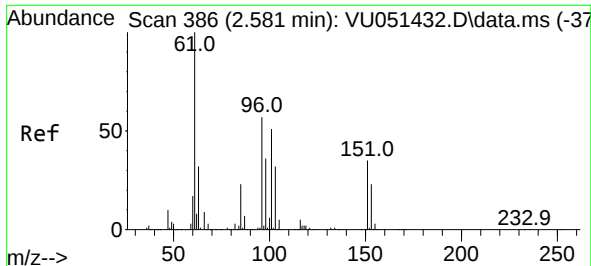
Tgt Ion:101 Resp: 210851
Ion Ratio Lower Upper
101 100
103 64.4 51.4 77.2



#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 9.635 ug/l
RT: 2.584 min Scan# 387
Delta R.T. 0.006 min
Lab File: VU051436.D
Acq: 18 Oct 2022 11:50

Tgt Ion:101 Resp: 128420
Ion Ratio Lower Upper
101 100
85 45.8 36.6 54.8
151 70.3 54.6 81.8

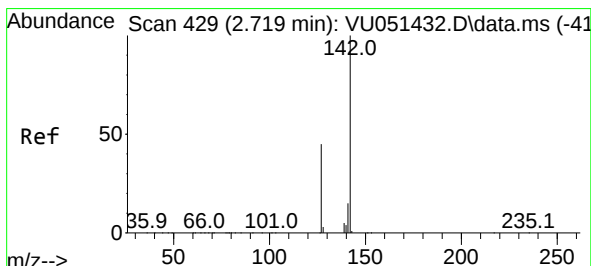
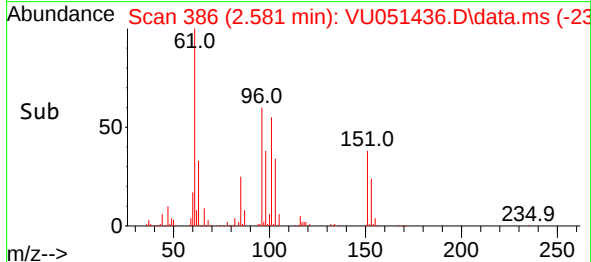
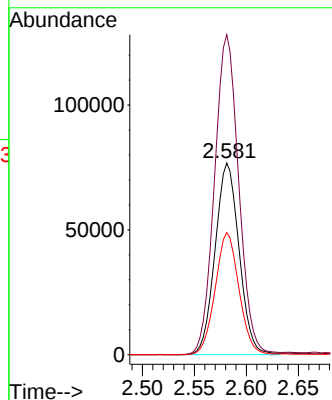
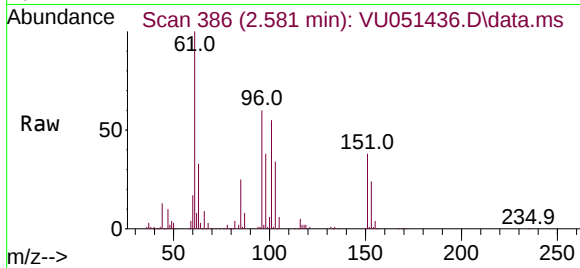




#9
1,1-Dichloroethene
Concen: 8.863 ug/l
RT: 2.581 min Scan# 386
Delta R.T. -0.000 min
Lab File: VU051436.D
Acq: 18 Oct 2022 11:50

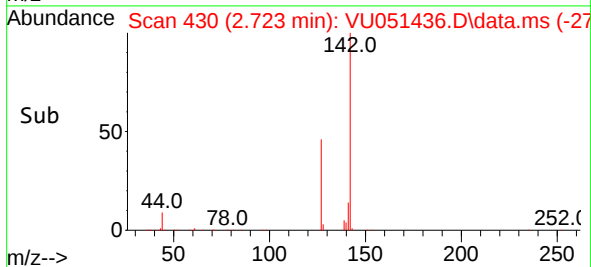
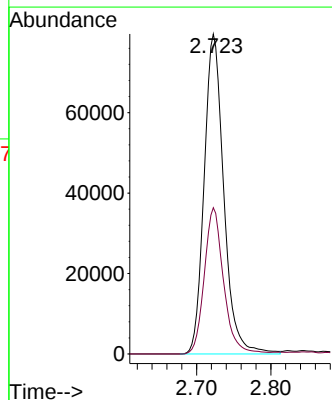
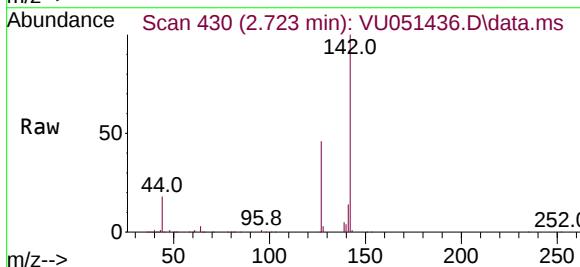
Instrument :
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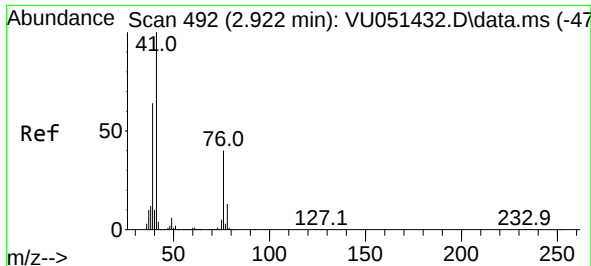
Tgt Ion: 96 Resp: 123469
Ion Ratio Lower Upper
96 100
61 166.9 0.0 522.3
98 63.6 0.0 126.6



#10
Iodomethane
Concen: 8.087 ug/l
RT: 2.723 min Scan# 430
Delta R.T. 0.004 min
Lab File: VU051436.D
Acq: 18 Oct 2022 11:50

Tgt Ion: 142 Resp: 145990
Ion Ratio Lower Upper
142 100
127 44.9 37.0 55.4

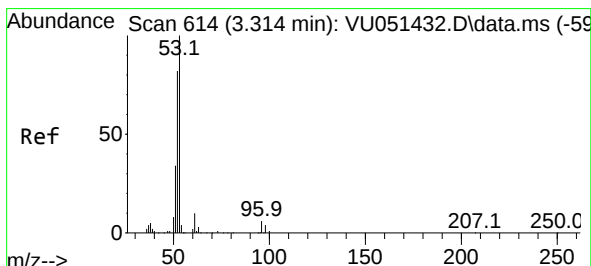
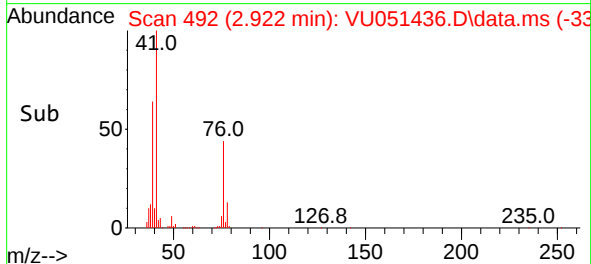
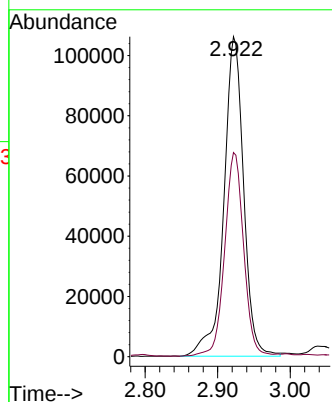
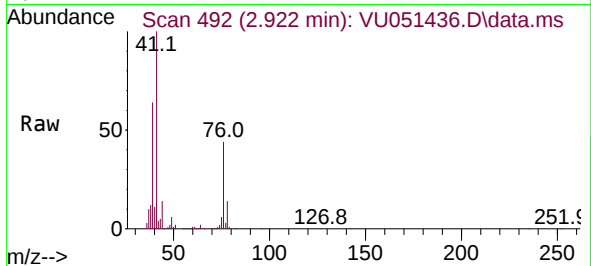




#11
 Allyl Chloride
 Concen: 9.455 ug/l
 RT: 2.922 min Scan# 492
 Delta R.T. -0.000 min
 Lab File: VU051436.D
 Acq: 18 Oct 2022 11:50

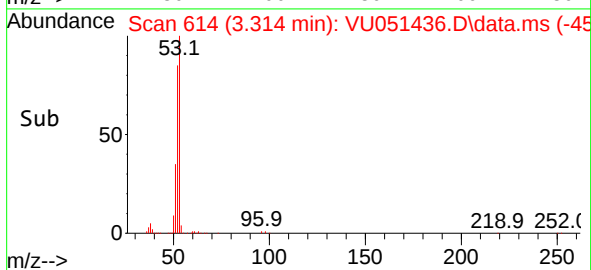
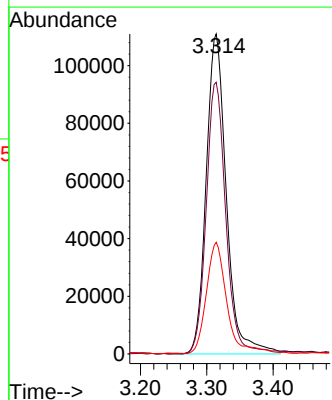
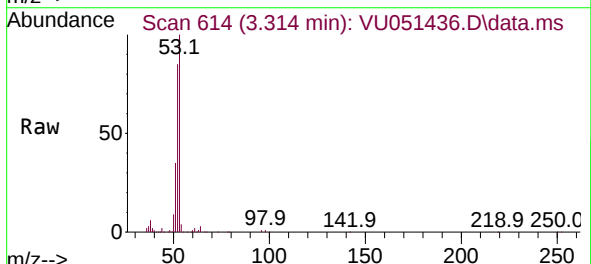
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU101822

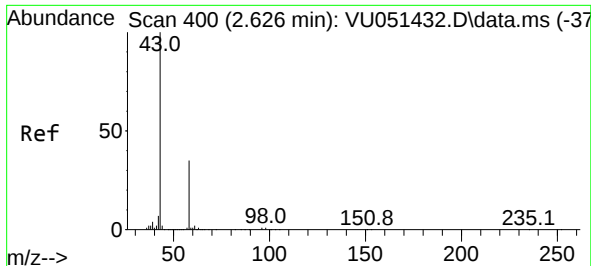
Tgt Ion: 41 Resp: 200864
 Ion Ratio Lower Upper
 41 100
 39 61.1 51.4 77.0



#12
 Acrylonitrile
 Concen: 57.190 ug/l
 RT: 3.314 min Scan# 614
 Delta R.T. -0.000 min
 Lab File: VU051436.D
 Acq: 18 Oct 2022 11:50

Tgt Ion: 53 Resp: 234421
 Ion Ratio Lower Upper
 53 100
 52 83.2 63.9 95.9
 51 35.1 25.9 38.9

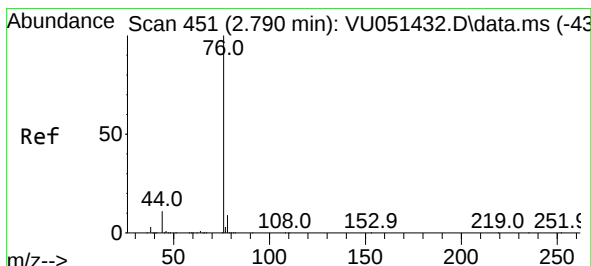
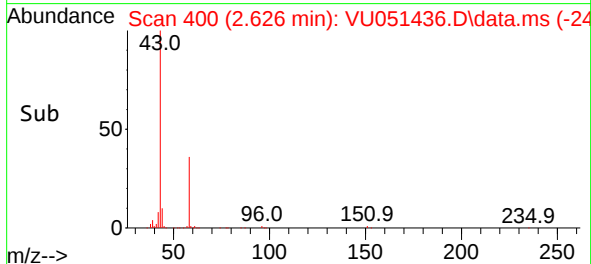
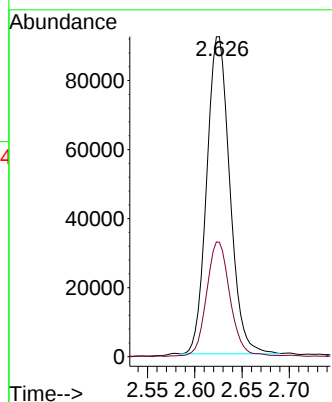
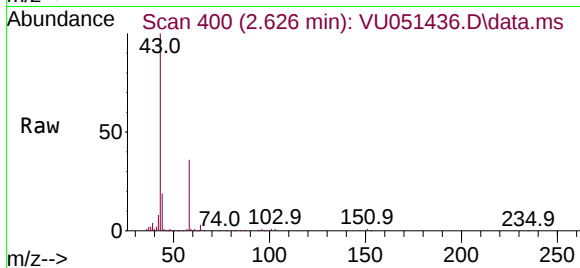




#13
Acetone
Concen: 52.841 ug/l
RT: 2.626 min Scan# 400
Delta R.T. -0.000 min
Lab File: VU051436.D
Acq: 18 Oct 2022 11:50

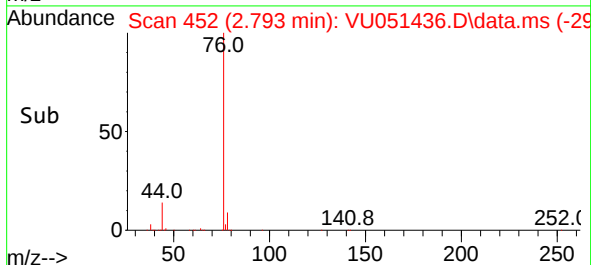
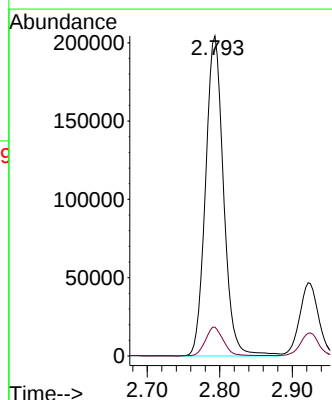
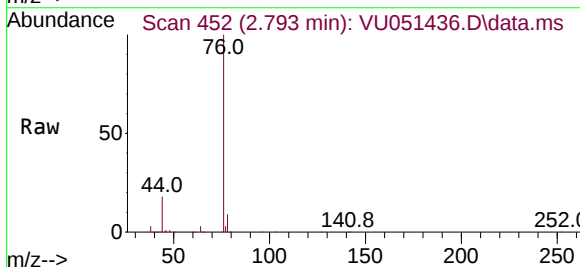
Instrument :
MSVOA_U
ClientSampleId :
ICVVU101822

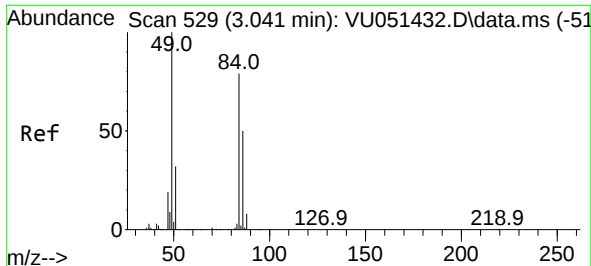
Tgt Ion: 43 Resp: 155968
Ion Ratio Lower Upper
43 100
58 35.8 27.9 41.9



#14
Carbon Disulfide
Concen: 7.101 ug/l
RT: 2.793 min Scan# 452
Delta R.T. 0.003 min
Lab File: VU051436.D
Acq: 18 Oct 2022 11:50

Tgt Ion: 76 Resp: 352480
Ion Ratio Lower Upper
76 100
78 8.9 7.2 10.8

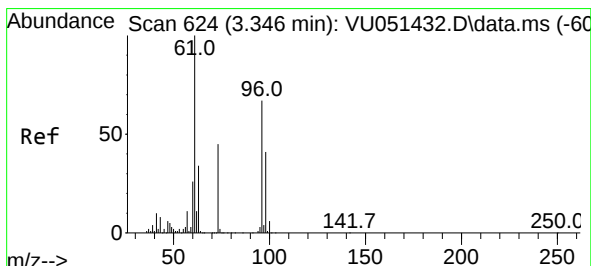
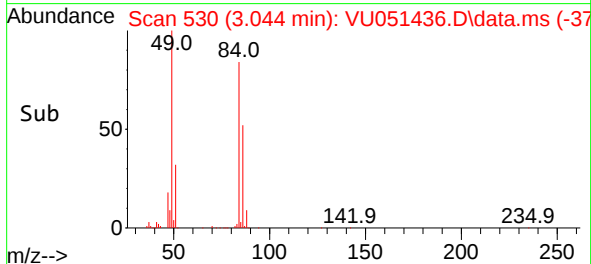
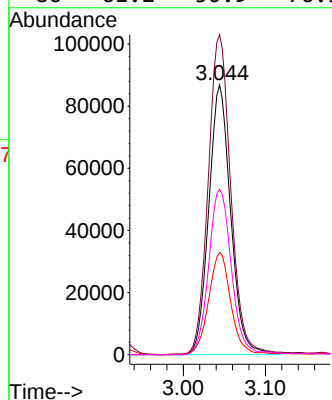
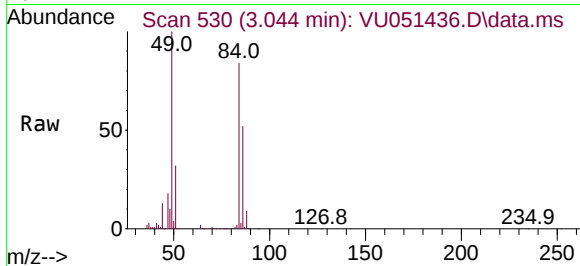




#15
Methylene Chloride
Concen: 9.553 ug/l
RT: 3.044 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU051436.D
Acq: 18 Oct 2022 11:50

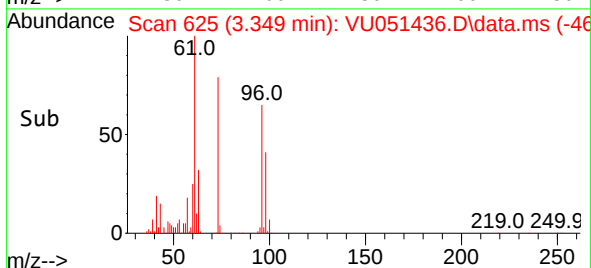
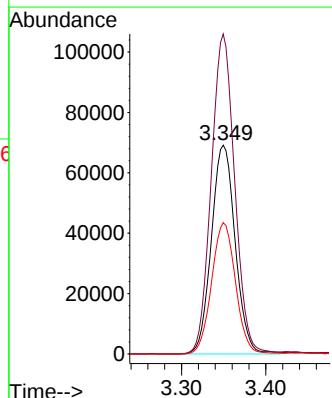
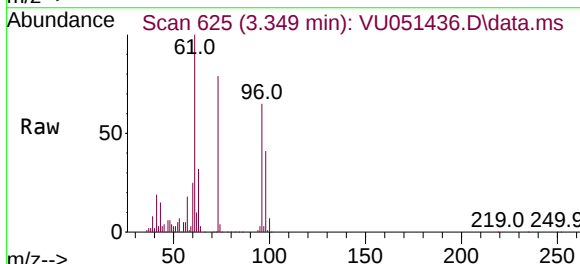
Instrument :
MSVOA_U
ClientSampleId :
ICVVU101822

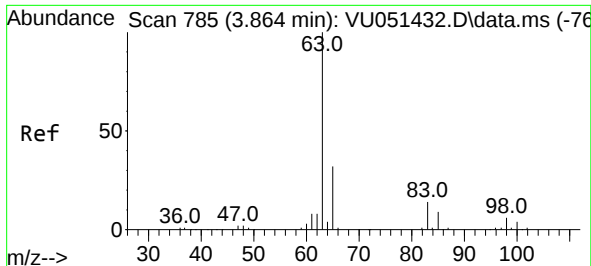
Tgt Ion: 84 Resp: 161683
Ion Ratio Lower Upper
84 100
49 118.4 101.1 151.7
51 37.8 0.0 80.2
86 61.2 50.9 76.3



#16
trans-1,2-Dichloroethene
Concen: 8.523 ug/l
RT: 3.349 min Scan# 625
Delta R.T. 0.003 min
Lab File: VU051436.D
Acq: 18 Oct 2022 11:50

Tgt Ion: 96 Resp: 136141
Ion Ratio Lower Upper
96 100
61 153.2 119.9 179.9
98 62.9 49.5 74.3

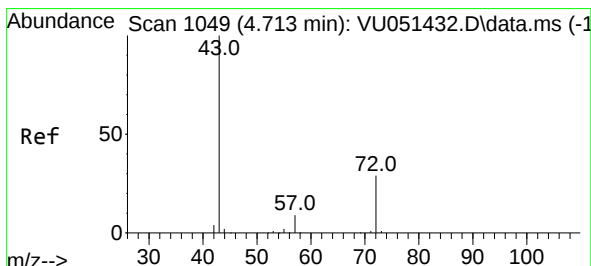
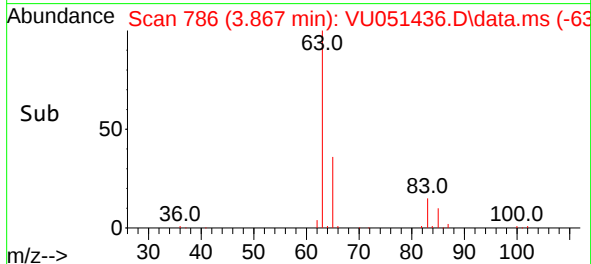
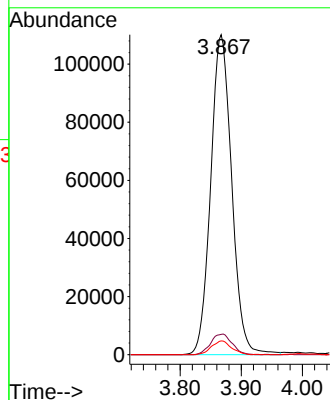
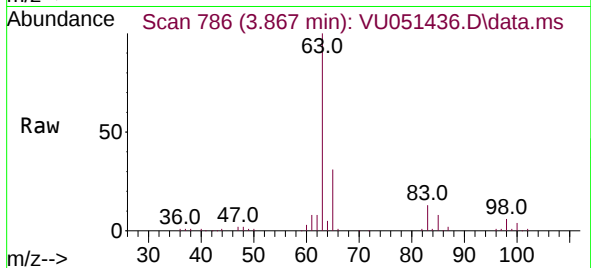




#17
1,1-Dichloroethane
Concen: 9.160 ug/l
RT: 3.867 min Scan# 785
Delta R.T. 0.003 min
Lab File: VU051436.D
Acq: 18 Oct 2022 11:50

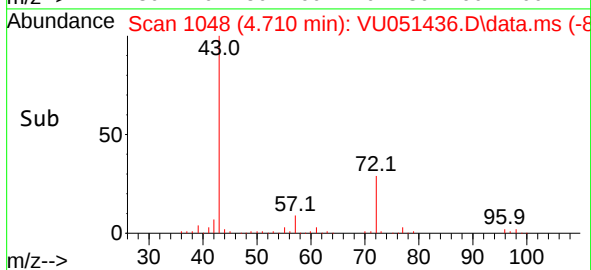
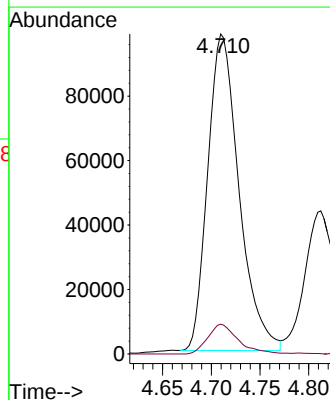
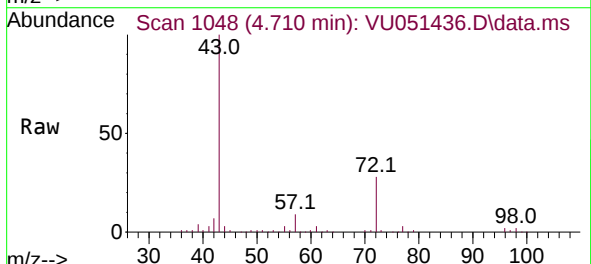
Instrument :
MSVOA_U
ClientSampleId :
ICVVU101822

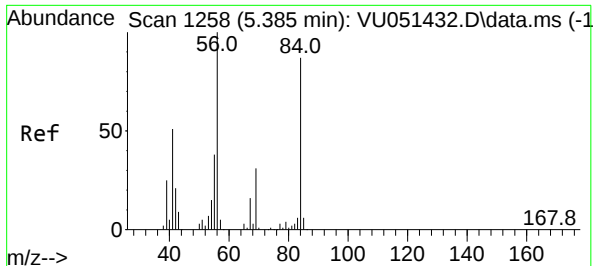
Tgt Ion: 63 Resp: 263065
Ion Ratio Lower Upper
63 100
98 6.4 3.1 9.3
100 4.3 2.1 6.3



#18
2-Butanone
Concen: 61.262 ug/l
RT: 4.710 min Scan# 1048
Delta R.T. -0.003 min
Lab File: VU051436.D
Acq: 18 Oct 2022 11:50

Tgt Ion: 43 Resp: 219420
Ion Ratio Lower Upper
43 100
57 9.4 0.0 18.2





#19

Cyclohexane

Concen: 9.432 ug/l

RT: 5.385 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU051436.D

Acq: 18 Oct 2022 11:50

Instrument :

MSVOA_U

ClientSampleId :

ICVVU101822

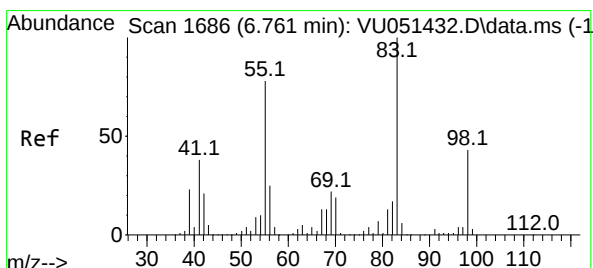
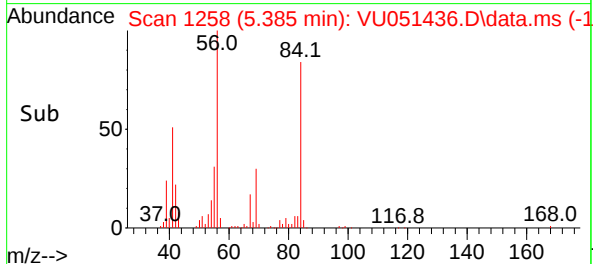
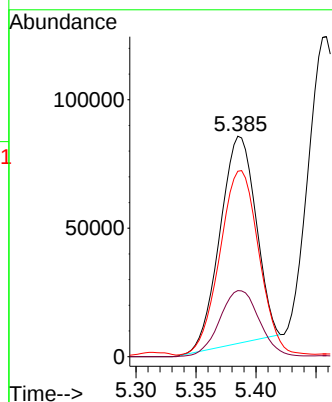
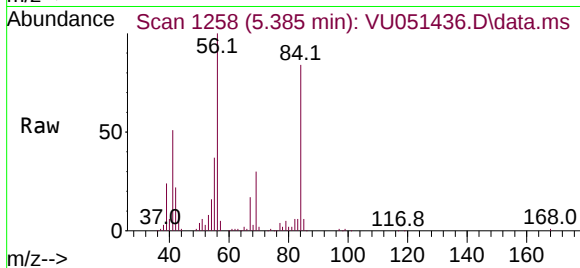
Tgt Ion: 56 Resp: 167862

Ion Ratio Lower Upper

56 100

69 34.9 25.0 37.4

84 96.6 68.5 102.7



#20

Methylcyclohexane

Concen: 8.622 ug/l

RT: 6.761 min Scan# 1686

Delta R.T. -0.000 min

Lab File: VU051436.D

Acq: 18 Oct 2022 11:50

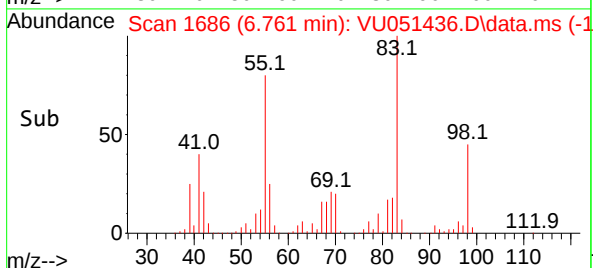
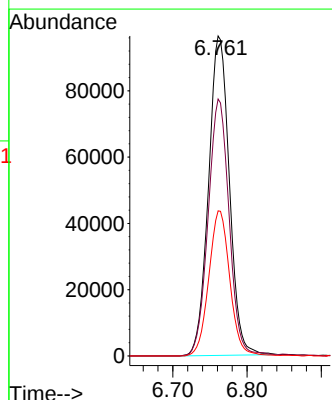
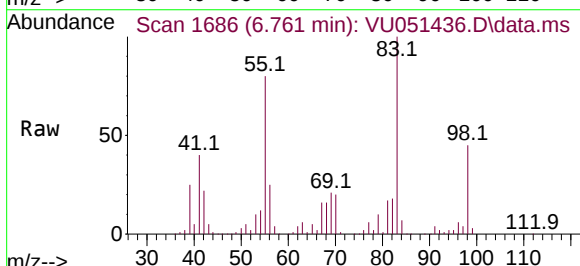
Tgt Ion: 83 Resp: 187930

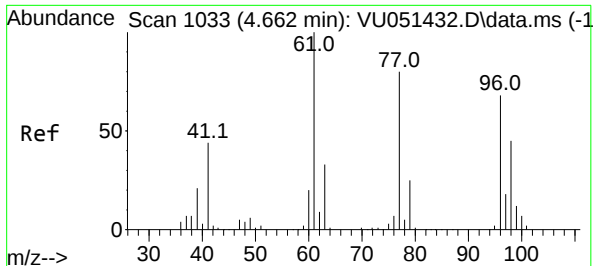
Ion Ratio Lower Upper

83 100

55 80.3 62.4 93.6

98 45.4 35.5 53.3





#21

2,2-Dichloropropane

Concen: 9.294 ug/l

RT: 4.665 min Scan# 1034

Delta R.T. 0.003 min

Lab File: VU051436.D

Acq: 18 Oct 2022 11:50

Instrument :

MSVOA_U

ClientSampleId :

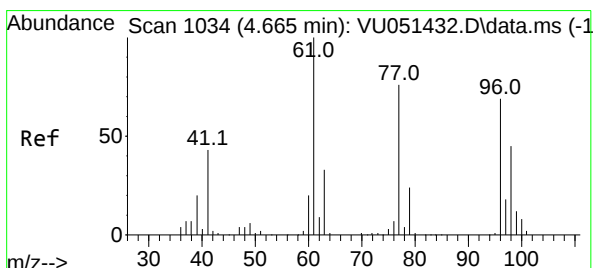
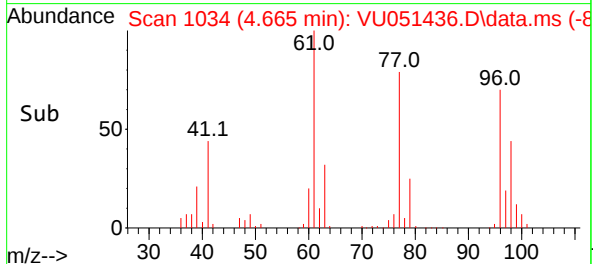
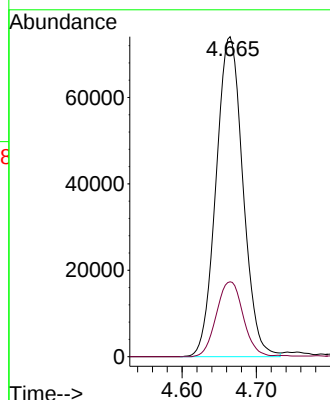
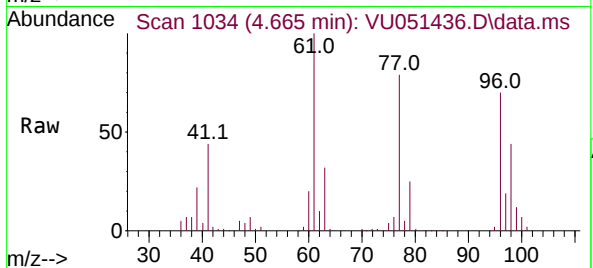
ICVVU101822

Tgt Ion: 77 Resp: 186371

Ion Ratio Lower Upper

77 100

97 23.3 19.0 28.6



#22

cis-1,2-Dichloroethene

Concen: 9.842 ug/l

RT: 4.665 min Scan# 1034

Delta R.T. -0.000 min

Lab File: VU051436.D

Acq: 18 Oct 2022 11:50

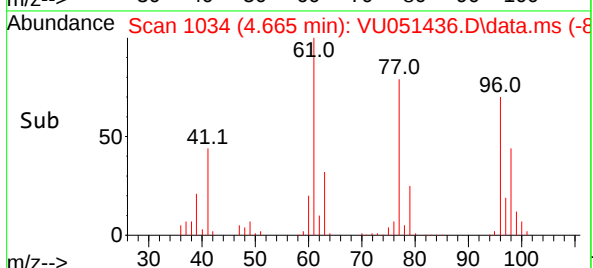
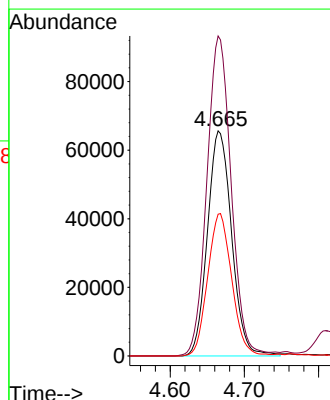
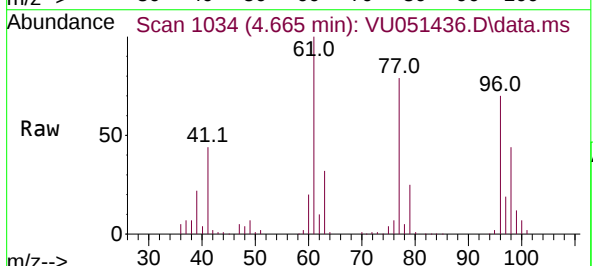
Tgt Ion: 96 Resp: 148739

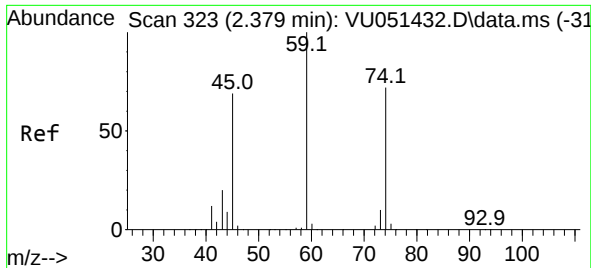
Ion Ratio Lower Upper

96 100

61 142.5 0.0 362.8

98 62.7 32.5 97.5

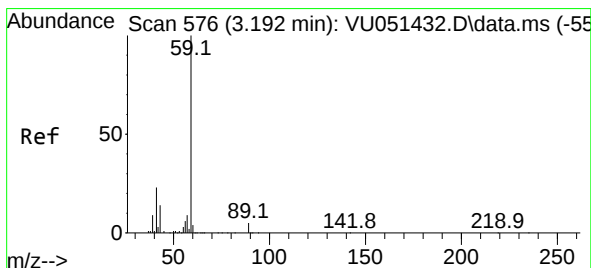
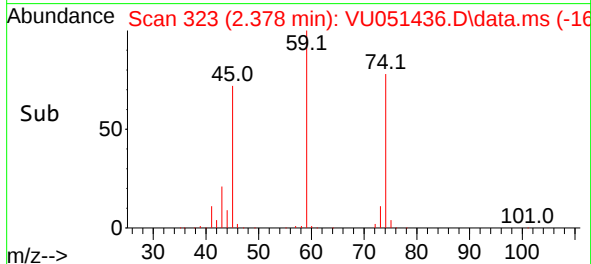
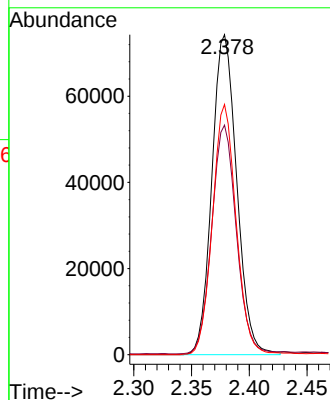
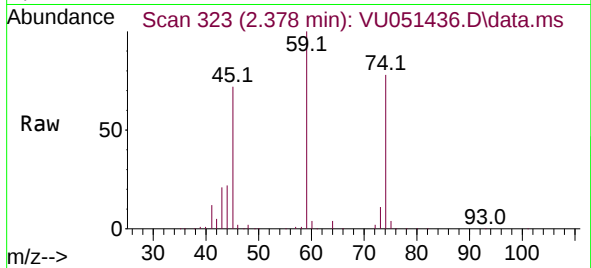




#23
Diethyl Ether
Concen: 9.130 ug/l
RT: 2.378 min Scan# 31
Delta R.T. -0.001 min
Lab File: VU051436.D
Acq: 18 Oct 2022 11:50

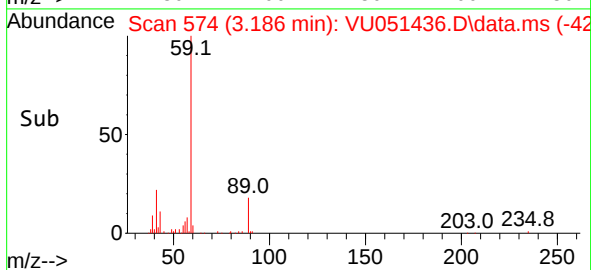
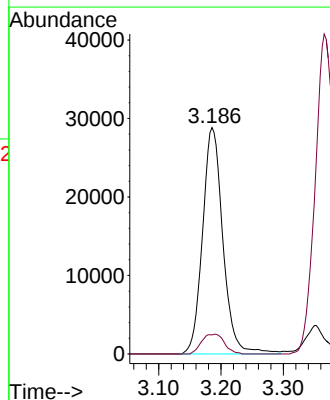
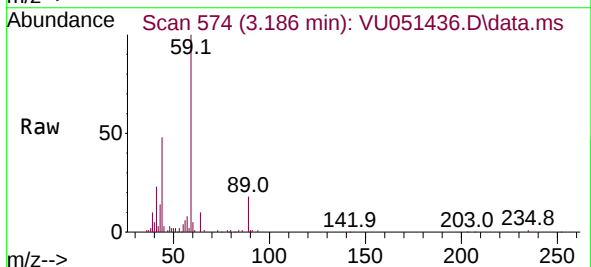
Instrument :
MSVOA_U
ClientSampleId :
ICVVU101822

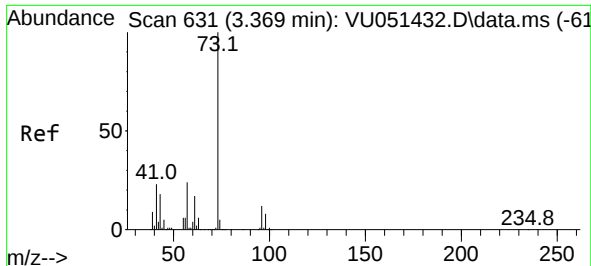
Tgt Ion: 59 Resp: 111053
Ion Ratio Lower Upper
59 100
45 71.1 55.7 83.5
74 75.0 58.2 87.4



#24
tert-Butyl Alcohol
Concen: 51.372 ug/l
RT: 3.186 min Scan# 574
Delta R.T. -0.006 min
Lab File: VU051436.D
Acq: 18 Oct 2022 11:50

Tgt Ion: 59 Resp: 65528
Ion Ratio Lower Upper
59 100
57 9.8 7.8 11.8

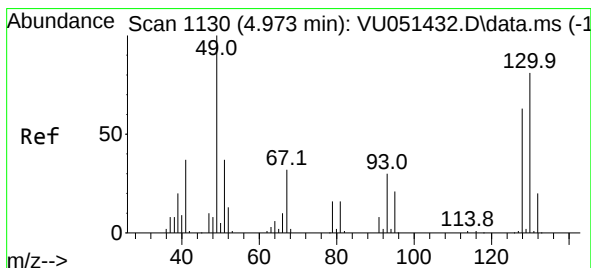
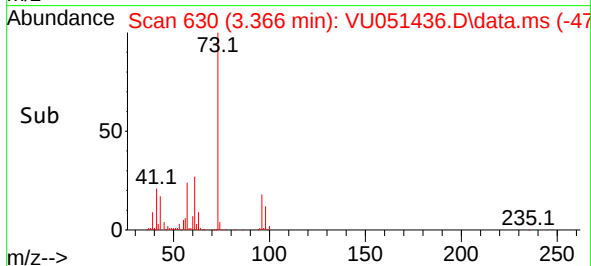
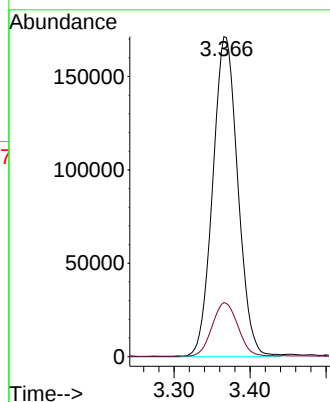
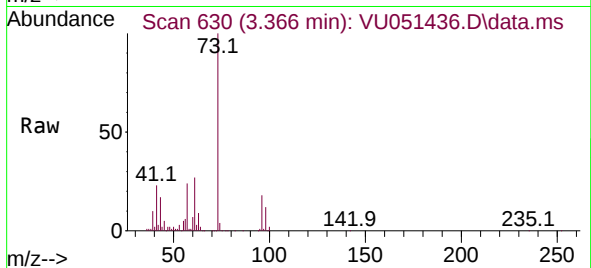




#25
Methyl tert-Butyl Ether
Concen: 10.838 ug/l
RT: 3.366 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU051436.D
Acq: 18 Oct 2022 11:50

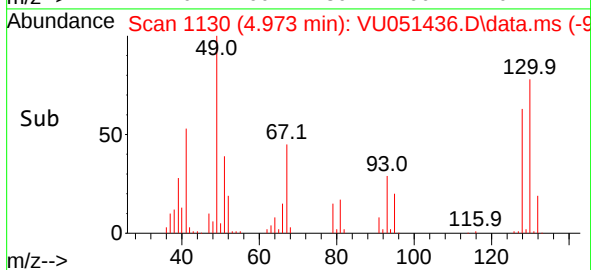
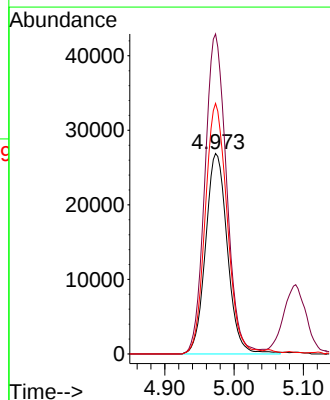
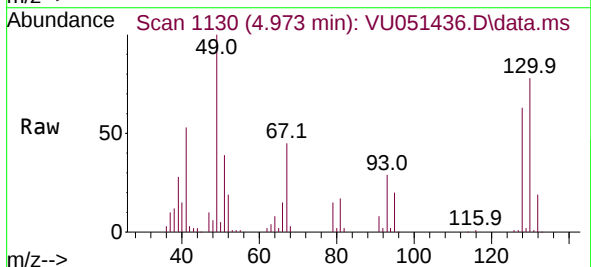
Instrument :
MSVOA_U
ClientSampleId :
ICVVU101822

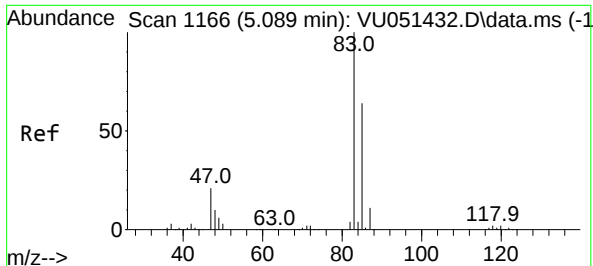
Tgt Ion: 73 Resp: 392678
Ion Ratio Lower Upper
73 100
43 17.0 14.2 21.4



#26
Bromochloromethane
Concen: 7.978 ug/l
RT: 4.973 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VU051436.D
Acq: 18 Oct 2022 11:50

Tgt Ion: 128 Resp: 58771
Ion Ratio Lower Upper
128 100
49 158.1 0.0 320.4
130 125.7 105.0 157.6





#27

Chloroform

Concen: 9.317 ug/l

RT: 5.089 min Scan# 1166

Delta R.T. -0.000 min

Lab File: VU051436.D

Acq: 18 Oct 2022 11:50

Instrument :

MSVOA_U

ClientSampleId :

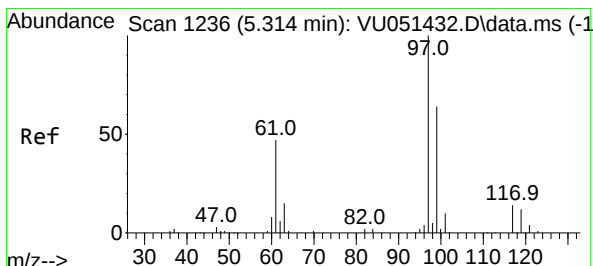
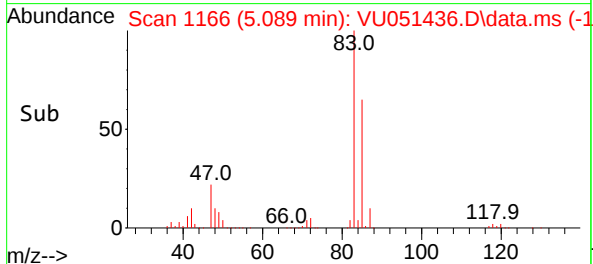
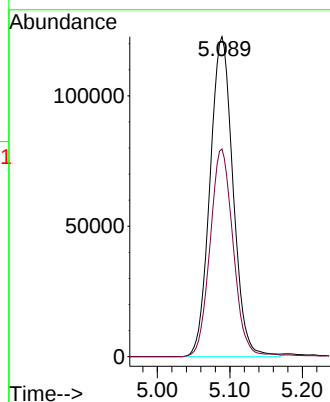
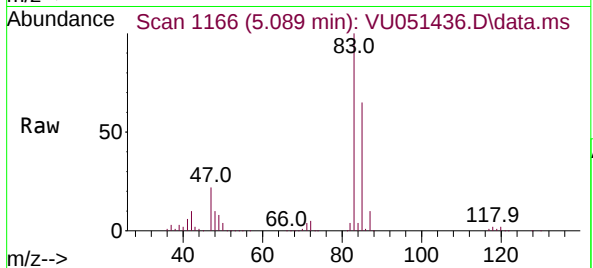
ICVVU101822

Tgt Ion: 83 Resp: 270977

Ion Ratio Lower Upper

83 100

85 64.9 0.0 128.8



#28

1,1,1-Trichloroethane

Concen: 9.363 ug/l

RT: 5.314 min Scan# 1236

Delta R.T. -0.000 min

Lab File: VU051436.D

Acq: 18 Oct 2022 11:50

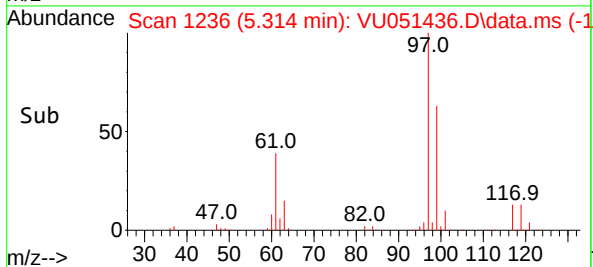
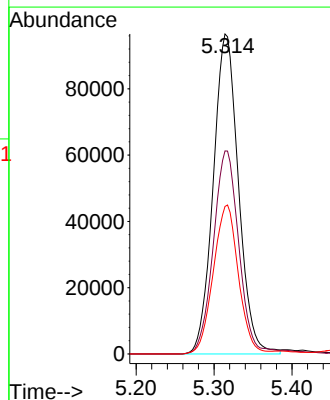
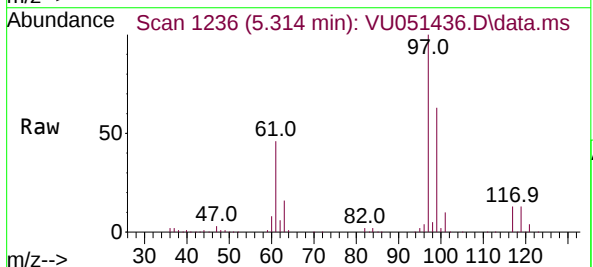
Tgt Ion: 97 Resp: 217369

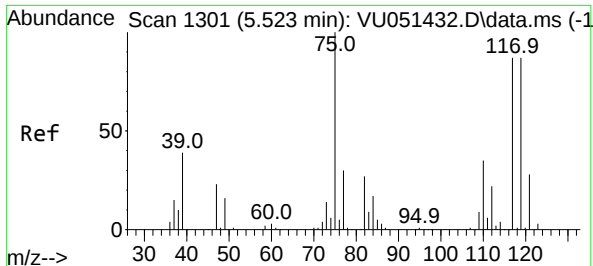
Ion Ratio Lower Upper

97 100

99 64.1 31.8 95.4

61 46.4 23.6 71.0





#29

1,1-Dichloropropene

Concen: 10.084 ug/l

RT: 5.523 min Scan# 1301

Delta R.T. -0.000 min

Lab File: VU051436.D

Acq: 18 Oct 2022 11:50

Instrument :

MSVOA_U

ClientSampleId :

ICVVU101822

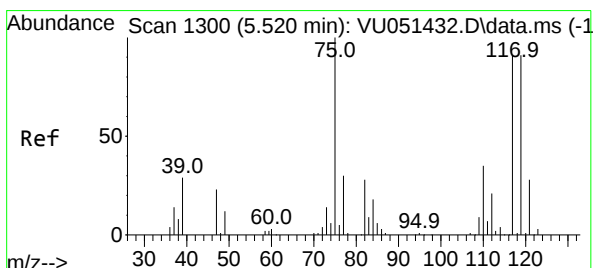
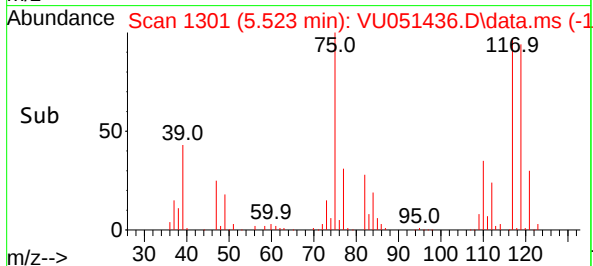
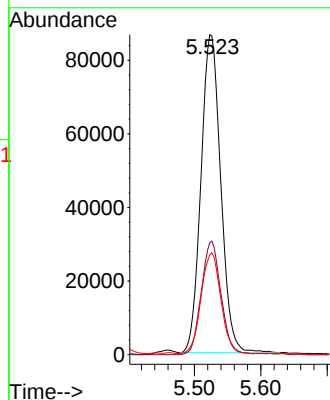
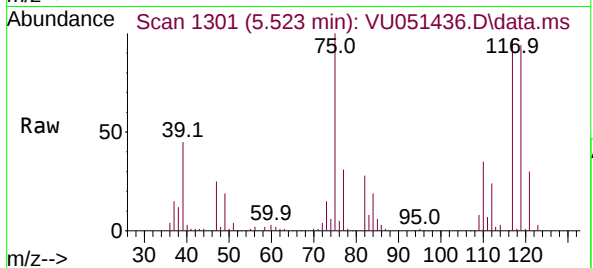
Tgt Ion: 75 Resp: 179295

Ion Ratio Lower Upper

75 100

110 35.4 17.8 53.3

77 31.6 24.2 36.4



#30

Carbon Tetrachloride

Concen: 9.450 ug/l

RT: 5.523 min Scan# 1301

Delta R.T. 0.003 min

Lab File: VU051436.D

Acq: 18 Oct 2022 11:50

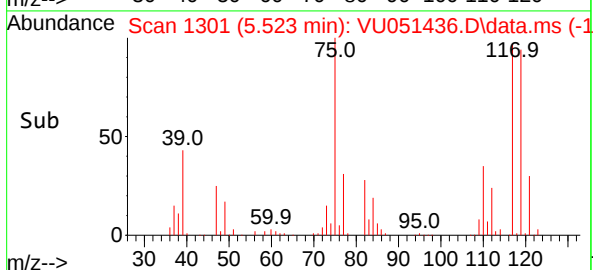
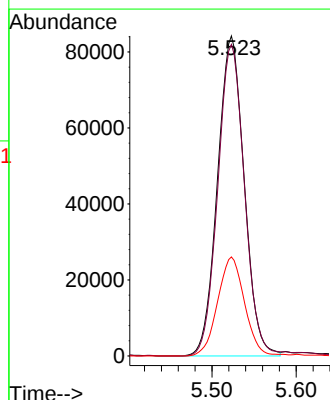
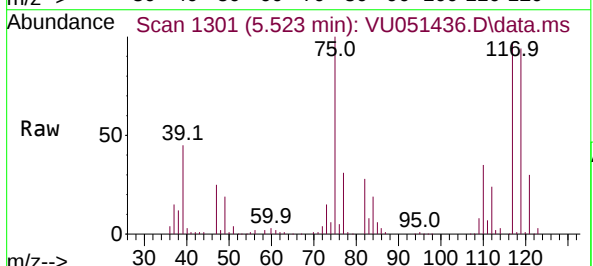
Tgt Ion: 117 Resp: 185109

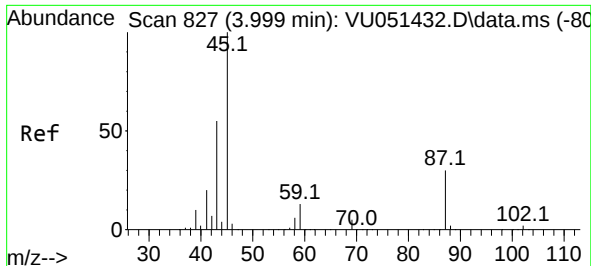
Ion Ratio Lower Upper

117 100

119 97.3 80.0 120.0

121 31.0 24.9 37.3

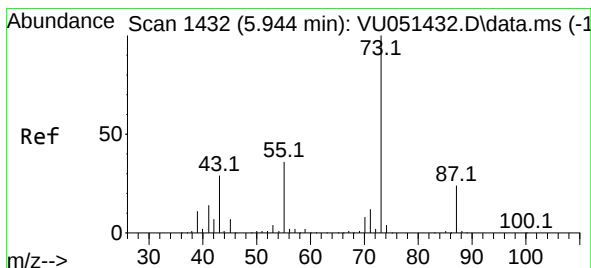
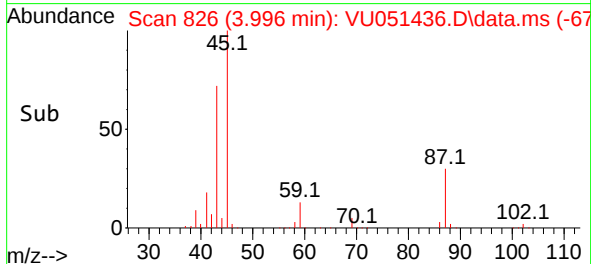
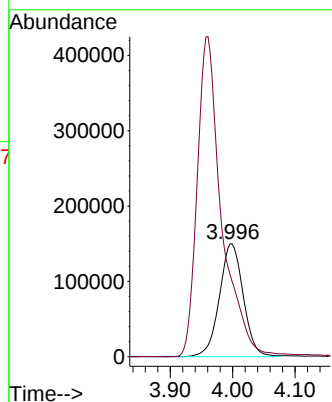
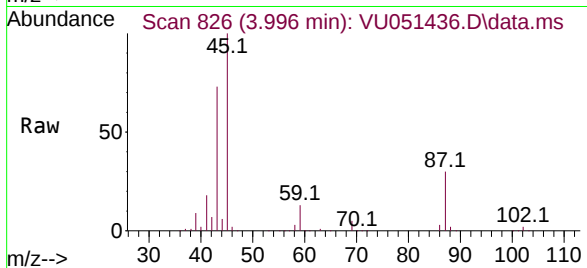




#31
Isopropyl Ether
Concen: 11.718 ug/l
RT: 3.996 min Scan# 81
Delta R.T. -0.003 min
Lab File: VU051436.D
Acq: 18 Oct 2022 11:50

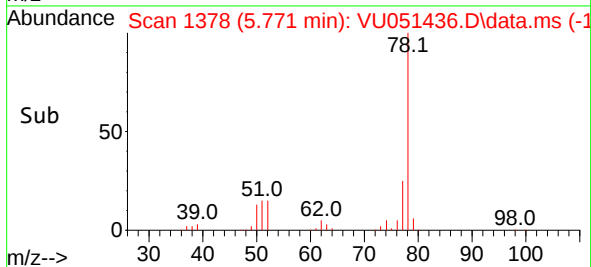
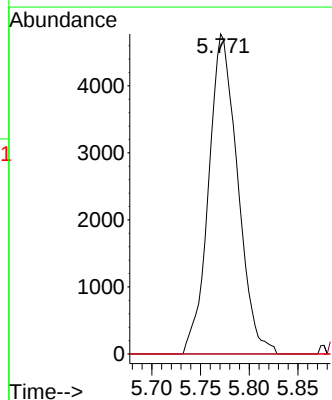
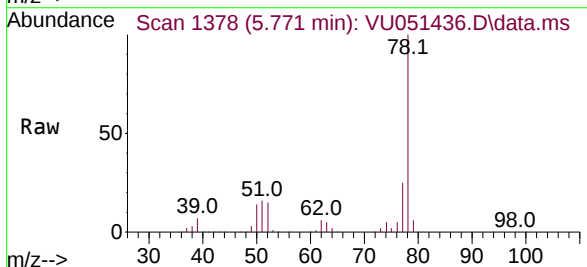
Instrument :
MSVOA_U
ClientSampleId :
ICVVU101822

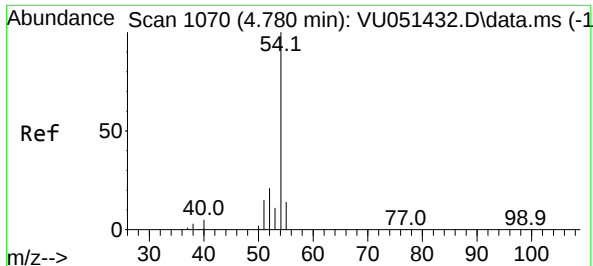
Tgt Ion: 45 Resp: 398045
Ion Ratio Lower Upper
45 100
43 291.3 27.6 82.7#



#33
Tert-Amyl methyl ether
Concen: 0.363 ug/l
RT: 5.771 min Scan# 1378
Delta R.T. -0.174 min
Lab File: VU051436.D
Acq: 18 Oct 2022 11:50

Tgt Ion: 73 Resp: 9897
Ion Ratio Lower Upper
73 100
87 252.9 18.9 28.3#
71 4.1 9.4 14.2#





#34

Propionitrile

Concen: 131.009 ug/l

RT: 4.774 min Scan# 1068

Delta R.T. -0.007 min

Lab File: VU051436.D

Acq: 18 Oct 2022 11:50

Instrument :

MSVOA_U

ClientSampleId :

ICVVU101822

Tgt Ion: 54 Resp: 157751

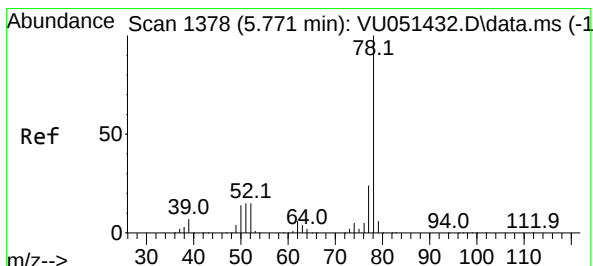
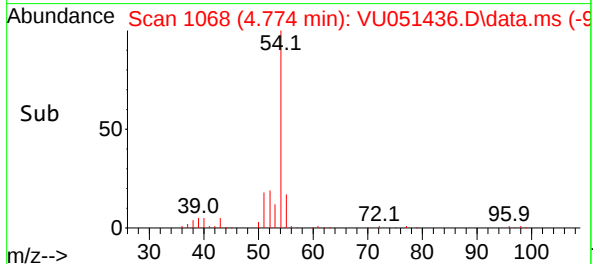
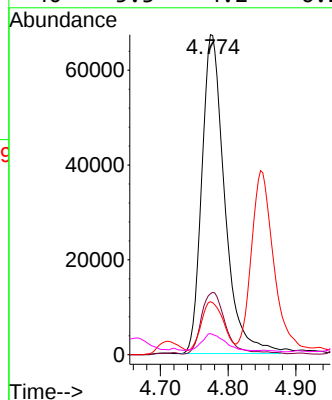
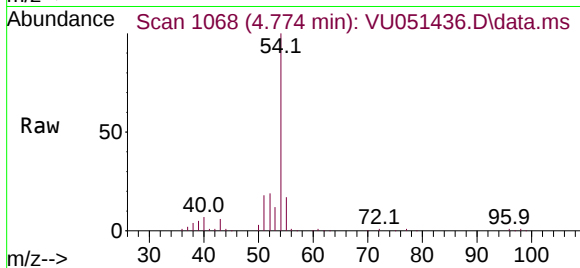
Ion Ratio Lower Upper

54 100

52 20.4 16.4 24.6

55 15.4 11.5 17.3

40 5.3 4.2 6.2



#35

Benzene

Concen: 9.657 ug/l

RT: 5.774 min Scan# 1379

Delta R.T. 0.003 min

Lab File: VU051436.D

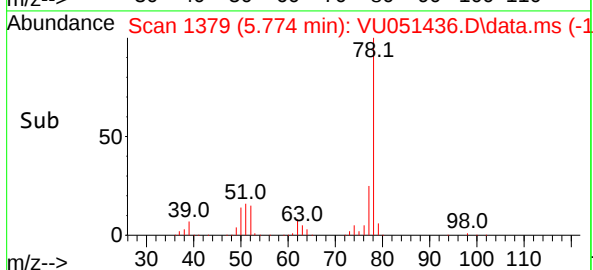
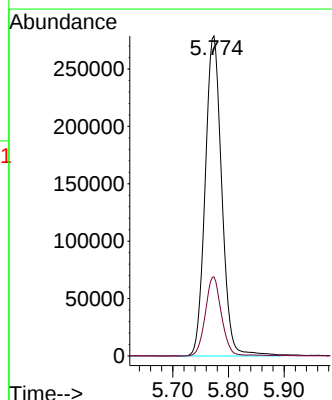
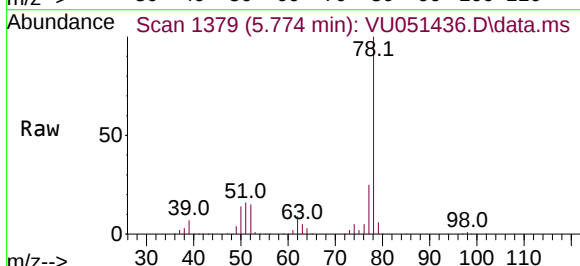
Acq: 18 Oct 2022 11:50

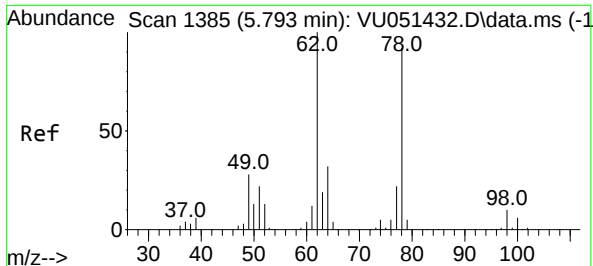
Tgt Ion: 78 Resp: 576184

Ion Ratio Lower Upper

78 100

77 24.7 19.0 28.6





#36

1,2-Dichloroethane

Concen: 10.139 ug/l

RT: 5.796 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU051436.D

Acq: 18 Oct 2022 11:50

Instrument :

MSVOA_U

ClientSampleId :

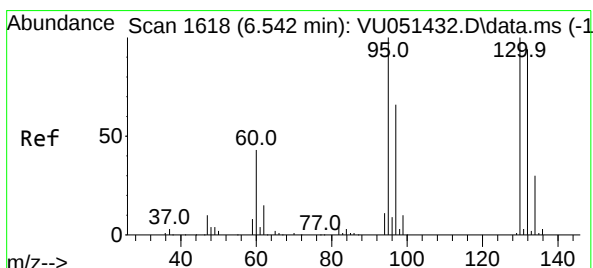
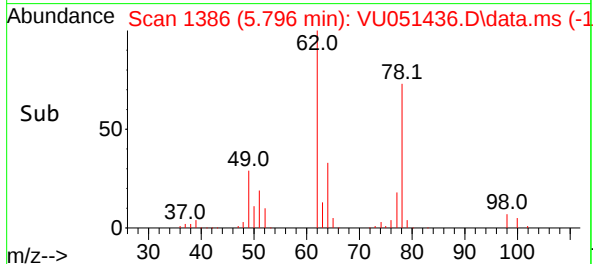
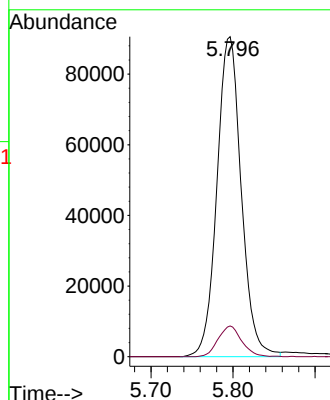
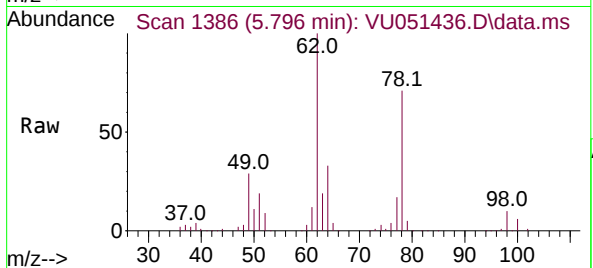
ICVVU101822

Tgt Ion: 62 Resp: 186640

Ion Ratio Lower Upper

62 100

98 9.3 7.4 11.2



#37

Trichloroethene

Concen: 9.144 ug/l

RT: 6.542 min Scan# 1618

Delta R.T. -0.000 min

Lab File: VU051436.D

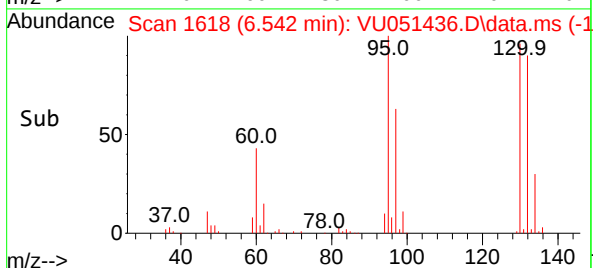
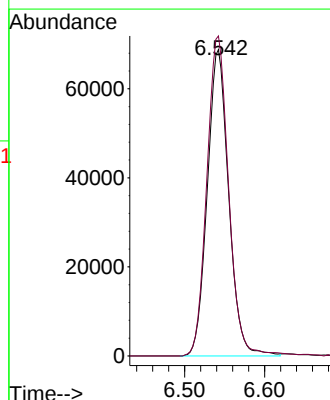
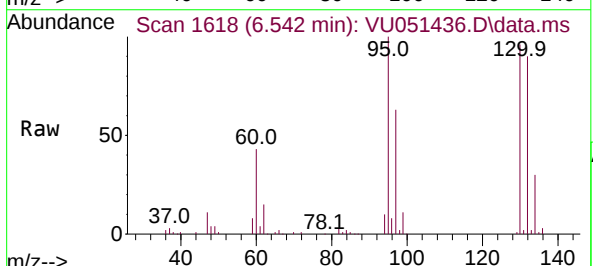
Acq: 18 Oct 2022 11:50

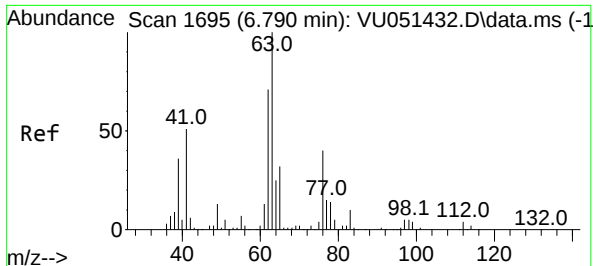
Tgt Ion:130 Resp: 128069

Ion Ratio Lower Upper

130 100

95 104.4 80.2 120.4





#38

1,2-Dichloropropane

Concen: 9.697 ug/l

RT: 6.790 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU051436.D

Acq: 18 Oct 2022 11:50

Instrument :

MSVOA_U

ClientSampleId :

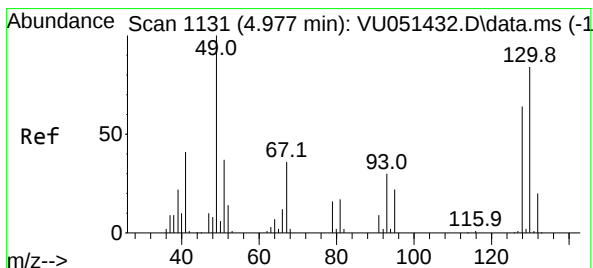
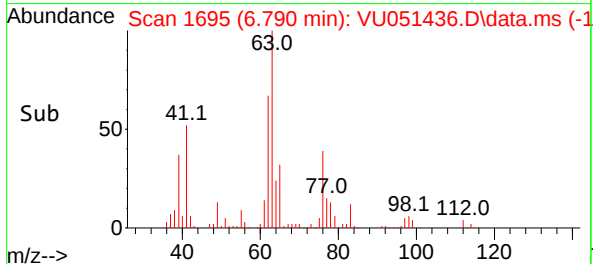
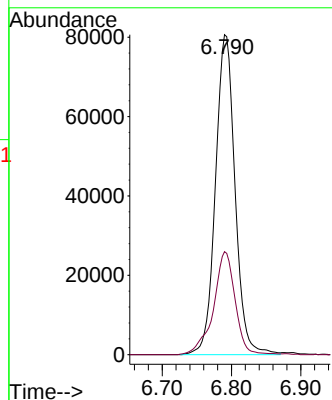
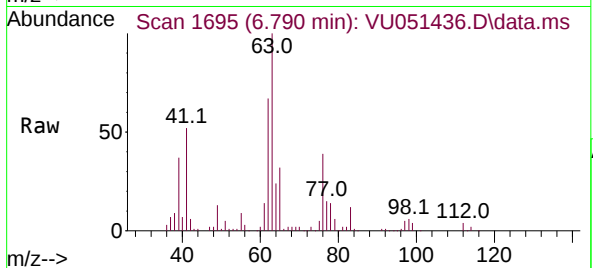
ICVVU101822

Tgt Ion: 63 Resp: 158745

Ion Ratio Lower Upper

63 100

65 32.0 25.4 38.2



#39

Methacrylonitrile

Concen: 12.755 ug/l

RT: 4.976 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VU051436.D

Acq: 18 Oct 2022 11:50

Tgt Ion: 41 Resp: 52491

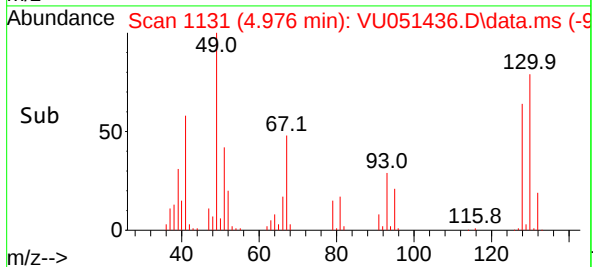
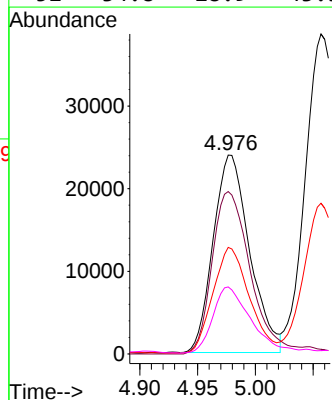
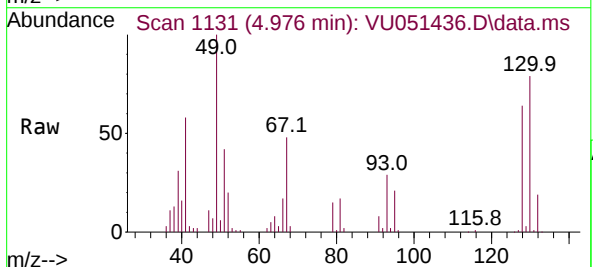
Ion Ratio Lower Upper

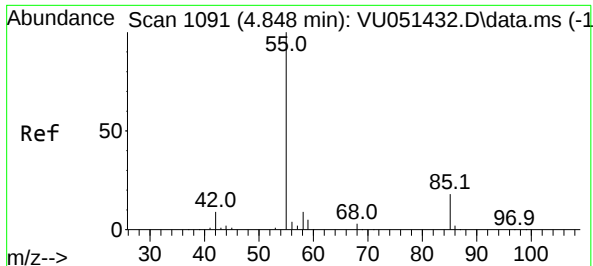
41 100

67 86.3 69.6 104.4

39 53.3 42.2 63.4

52 34.8 28.9 43.3

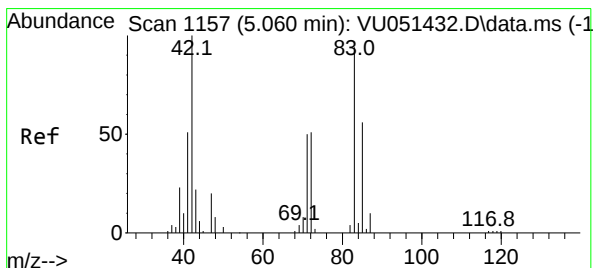
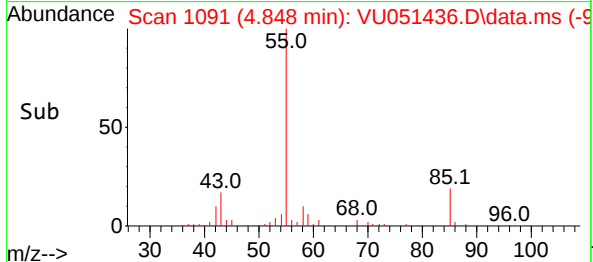
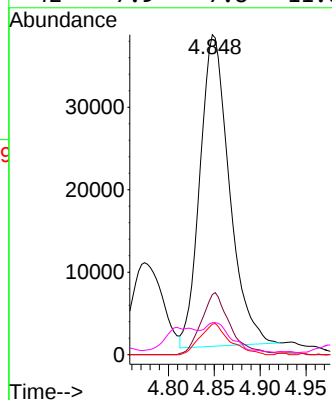
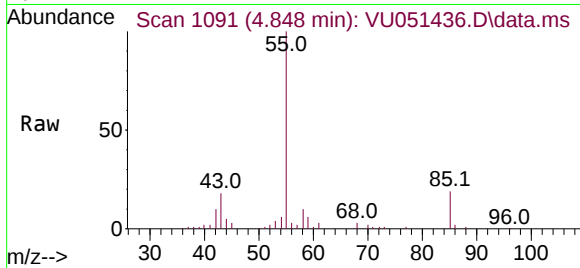




#40
Methyl acrylate
Concen: 12.835 ug/l
RT: 4.848 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VU051436.D
Acq: 18 Oct 2022 11:50

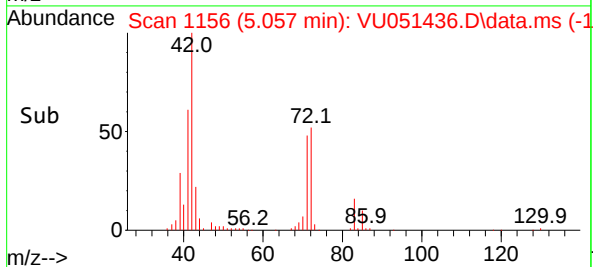
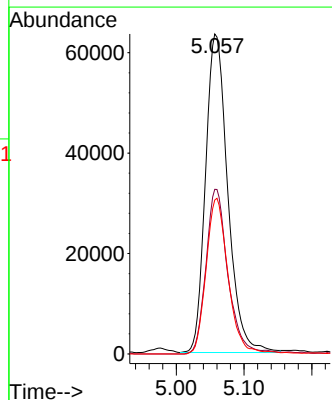
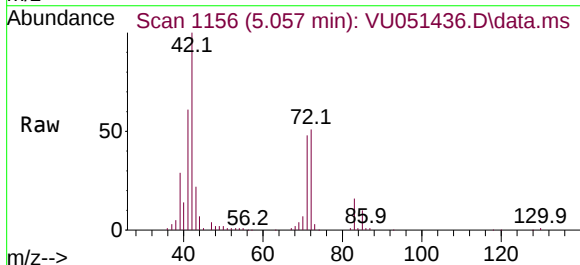
Instrument :
MSVOA_U
ClientSampleId :
ICVVU101822

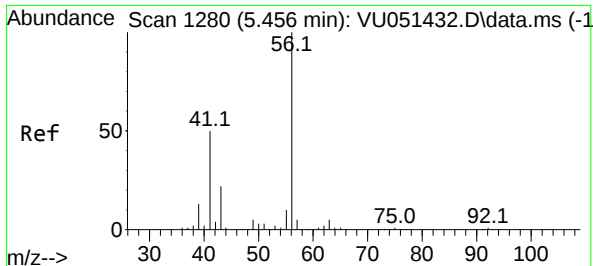
Tgt Ion:	55	Resp:	84232
Ion	Ratio	Lower	Upper
55	100		
85	19.6	15.0	22.6
58	10.0	7.5	11.3
42	7.9	7.8	11.6



#41
Tetrahydrofuran
Concen: 66.966 ug/l
RT: 5.057 min Scan# 1156
Delta R.T. -0.003 min
Lab File: VU051436.D
Acq: 18 Oct 2022 11:50

Tgt Ion:	42	Resp:	144715
Ion	Ratio	Lower	Upper
42	100		
72	50.6	42.6	64.0
71	47.7	38.3	57.5





#42

1-Chlorobutane

Concen: 10.679 ug/l

RT: 5.459 min Scan# 1280

Delta R.T. 0.003 min

Lab File: VU051436.D

Acq: 18 Oct 2022 11:50

Instrument :

MSVOA_U

ClientSampleId :

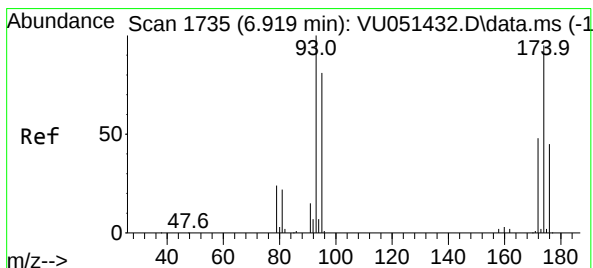
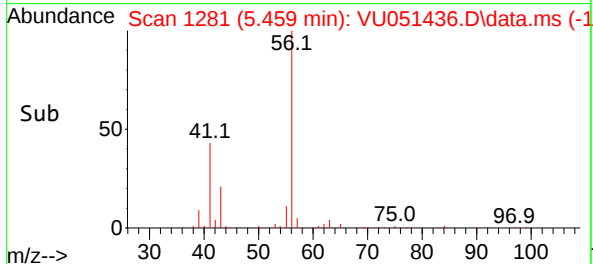
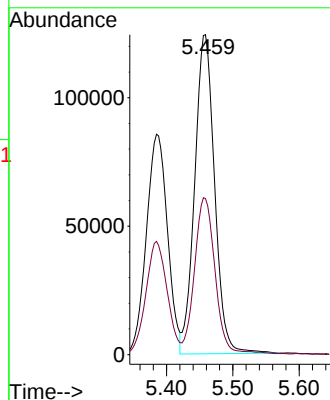
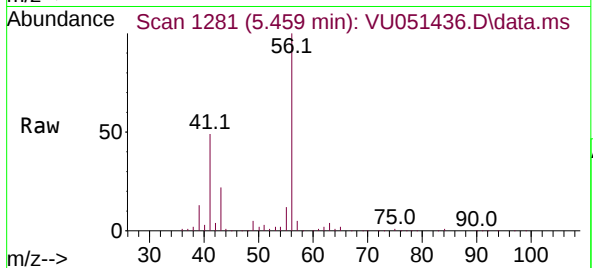
ICVVU101822

Tgt Ion: 56 Resp: 259169

Ion Ratio Lower Upper

56 100

41 50.2 24.8 74.4



#43

Dibromomethane

Concen: 10.759 ug/l

RT: 6.918 min Scan# 1735

Delta R.T. -0.000 min

Lab File: VU051436.D

Acq: 18 Oct 2022 11:50

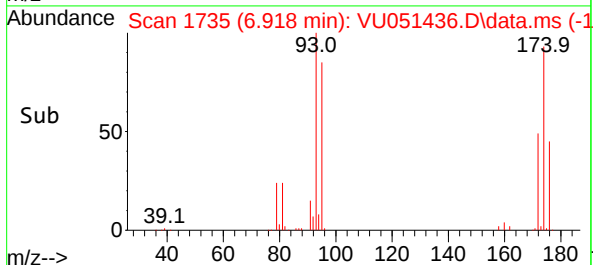
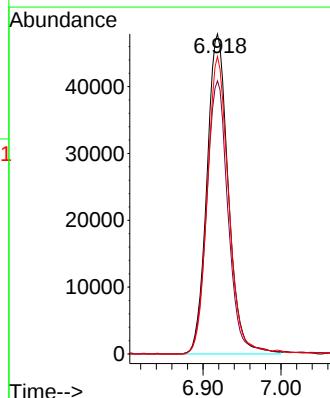
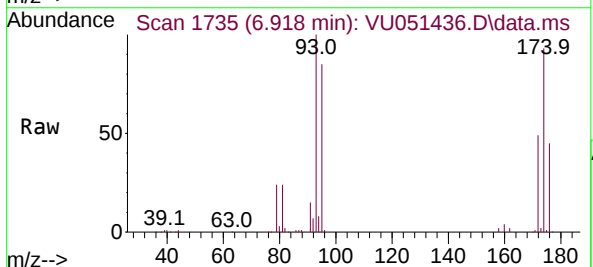
Tgt Ion: 93 Resp: 91399

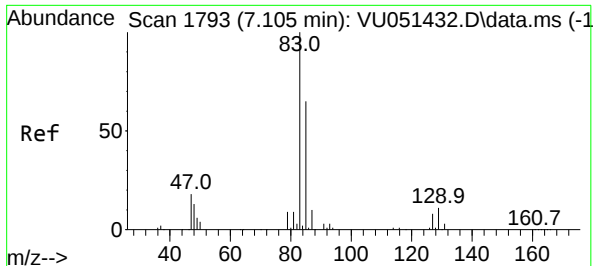
Ion Ratio Lower Upper

93 100

95 85.3 66.7 100.1

174 92.3 75.5 113.3

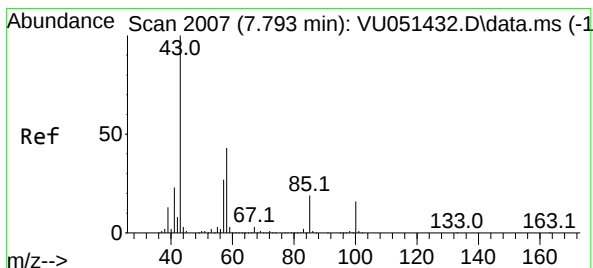
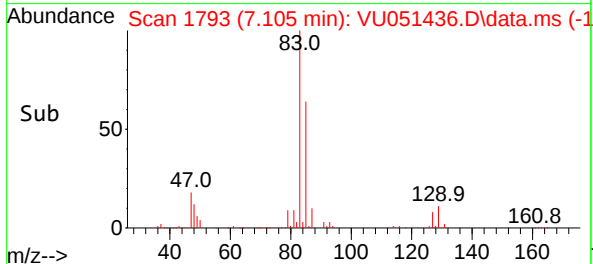
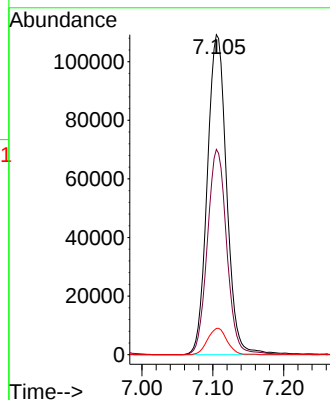
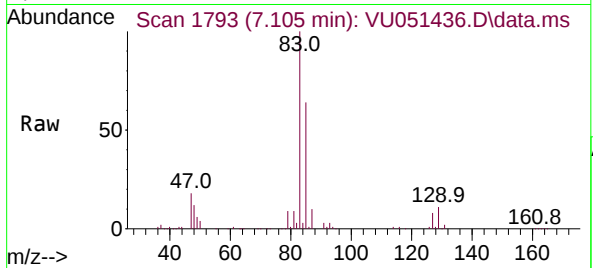




#44
Bromodichloromethane
Concen: 10.075 ug/l
RT: 7.105 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VU051436.D
Acq: 18 Oct 2022 11:50

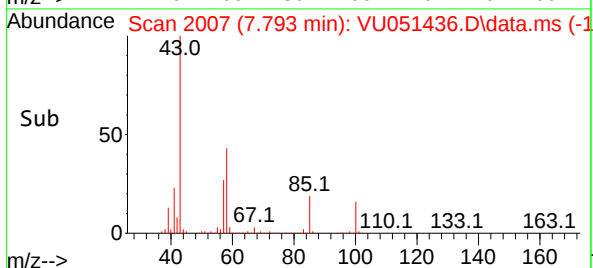
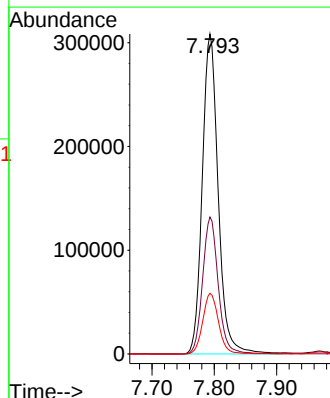
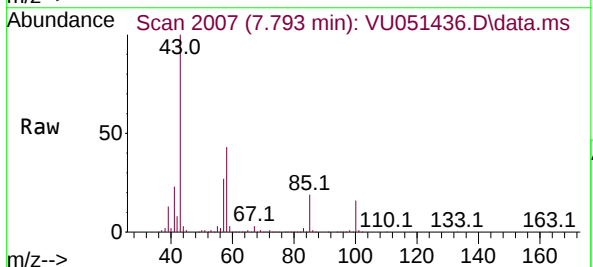
Instrument :
MSVOA_U
ClientSampleId :
ICVVU101822

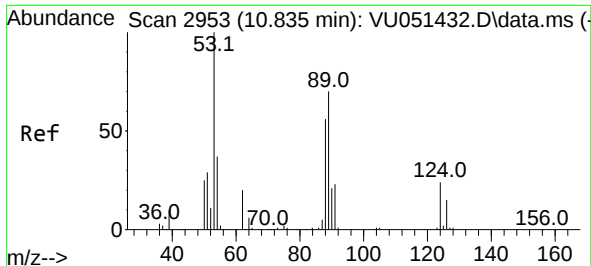
Tgt Ion: 83 Resp: 207133
Ion Ratio Lower Upper
83 100
85 64.2 52.1 78.1
127 8.2 6.8 10.2



#45
4-Methyl-2-Pentanone
Concen: 67.725 ug/l
RT: 7.793 min Scan# 2007
Delta R.T. 0.000 min
Lab File: VU051436.D
Acq: 18 Oct 2022 11:50

Tgt Ion: 43 Resp: 547695
Ion Ratio Lower Upper
43 100
58 42.0 21.4 64.3
85 18.8 15.4 23.0

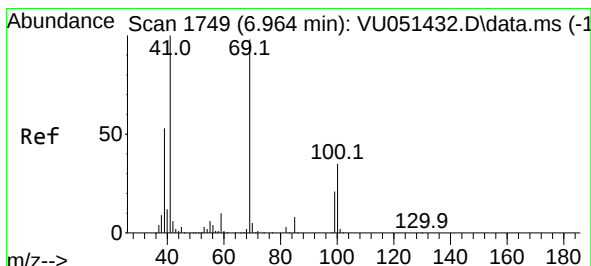
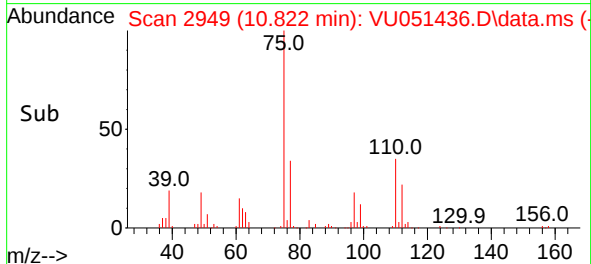
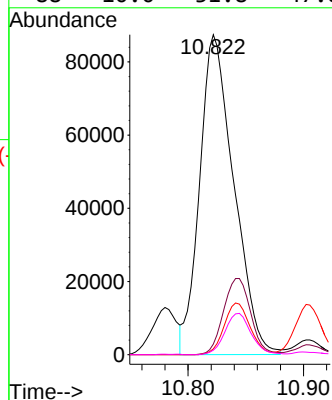
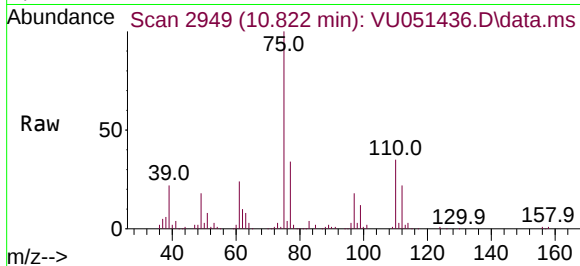




#46
t-1,4-Dichloro-2-butene
Concen: 39.759 ug/l
RT: 10.822 min Scan# 2953
Delta R.T. -0.013 min
Lab File: VU051436.D
Acq: 18 Oct 2022 11:50

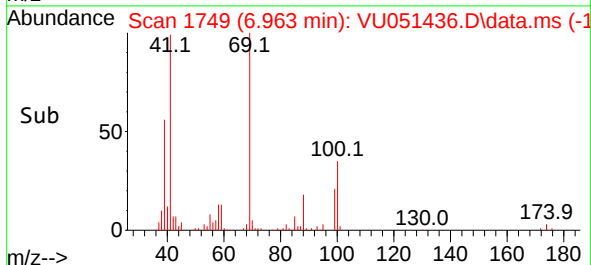
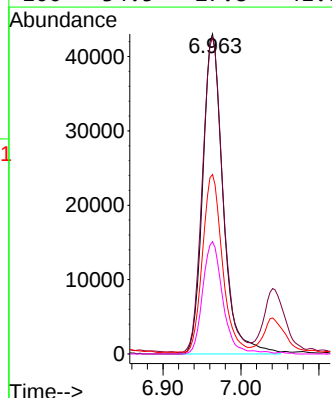
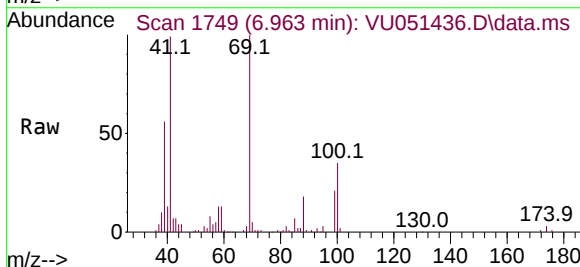
Instrument : MSVOA_U
ClientSampleId : ICVVU101822

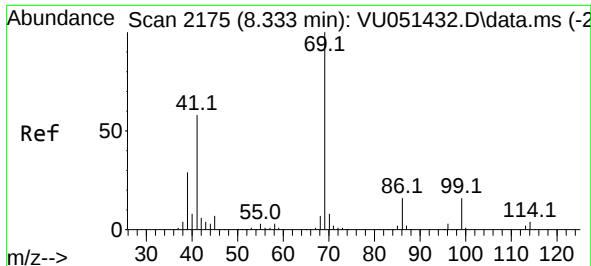
Tgt Ion: 75 Resp: 179451
Ion Ratio Lower Upper
75 100
53 19.0 61.1 91.7#
89 12.3 41.0 61.6#
88 10.0 31.8 47.8#



#47
Methyl methacrylate
Concen: 10.238 ug/l
RT: 6.963 min Scan# 1749
Delta R.T. -0.001 min
Lab File: VU051436.D
Acq: 18 Oct 2022 11:50

Tgt Ion: 69 Resp: 77902
Ion Ratio Lower Upper
69 100
41 98.8 0.0 200.8
39 54.0 44.1 66.1
100 34.5 27.8 41.8

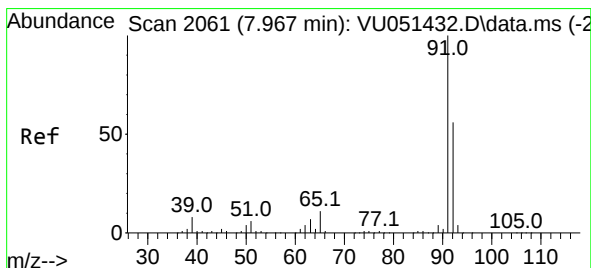
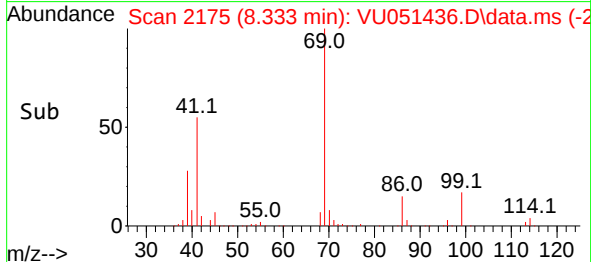
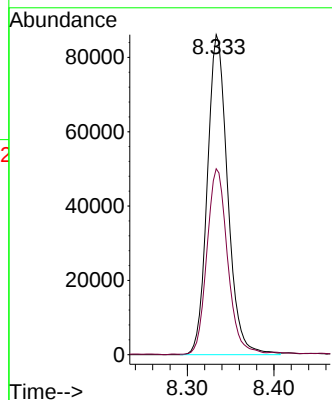
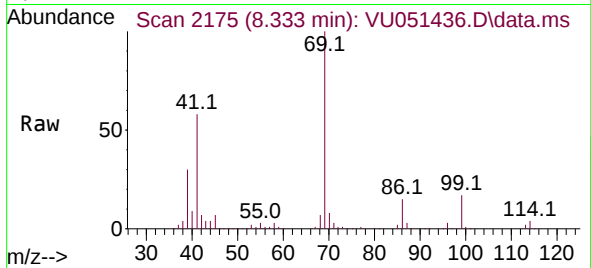




#48
Ethyl methacrylate
Concen: 10.137 ug/l
RT: 8.333 min Scan# 2175
Delta R.T. 0.000 min
Lab File: VU051436.D
Acq: 18 Oct 2022 11:50

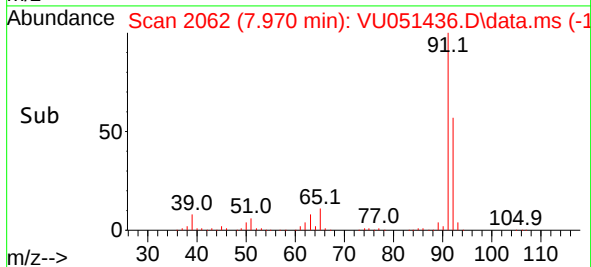
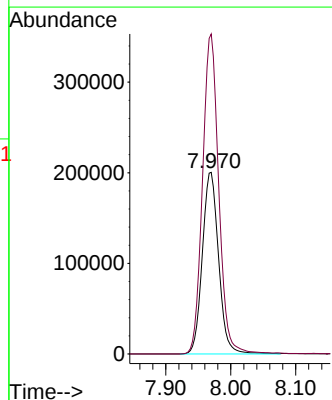
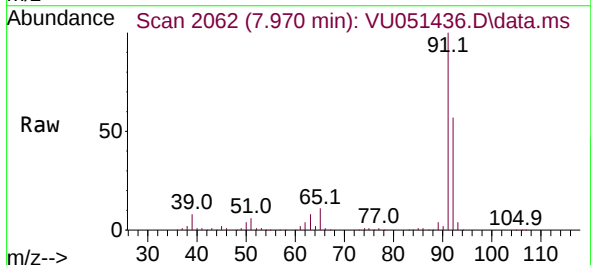
Instrument :
MSVOA_U
ClientSampleId :
ICVVU101822

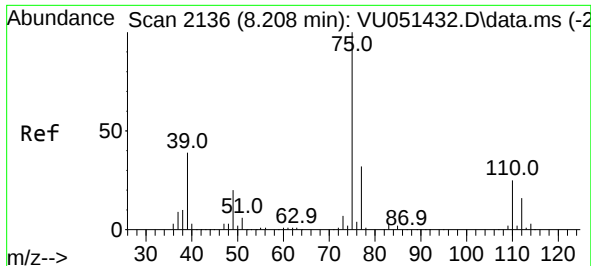
Tgt Ion: 69 Resp: 140411
Ion Ratio Lower Upper
69 100
41 58.8 28.8 86.5



#49
Toluene
Concen: 10.692 ug/l
RT: 7.970 min Scan# 2062
Delta R.T. 0.003 min
Lab File: VU051436.D
Acq: 18 Oct 2022 11:50

Tgt Ion: 92 Resp: 349849
Ion Ratio Lower Upper
92 100
91 175.6 141.8 212.6





#50

t-1,3-Dichloropropene

Concen: 11.154 ug/l

RT: 8.211 min Scan# 2136

Delta R.T. 0.003 min

Lab File: VU051436.D

Acq: 18 Oct 2022 11:50

Instrument :

MSVOA_U

ClientSampleId :

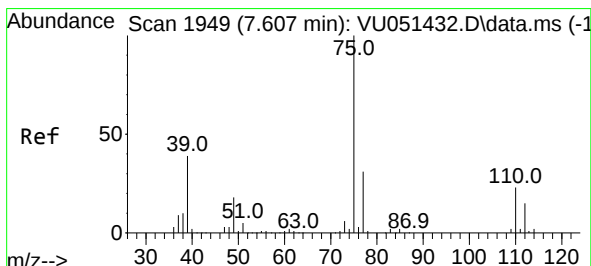
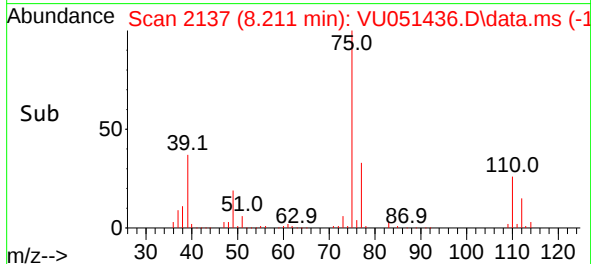
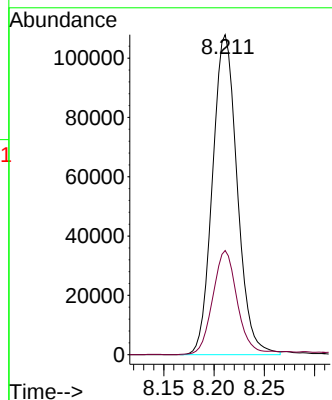
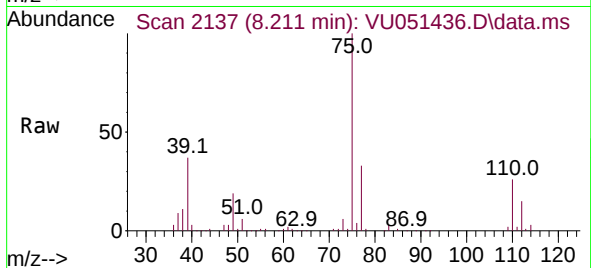
ICVVU101822

Tgt Ion: 75 Resp: 184426

Ion Ratio Lower Upper

75 100

77 32.5 25.8 38.6



#51

cis-1,3-Dichloropropene

Concen: 10.345 ug/l

RT: 7.607 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VU051436.D

Acq: 18 Oct 2022 11:50

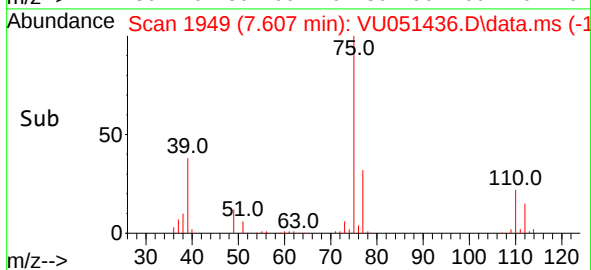
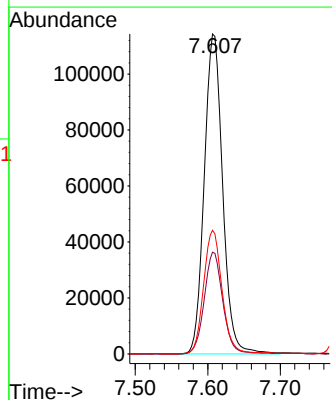
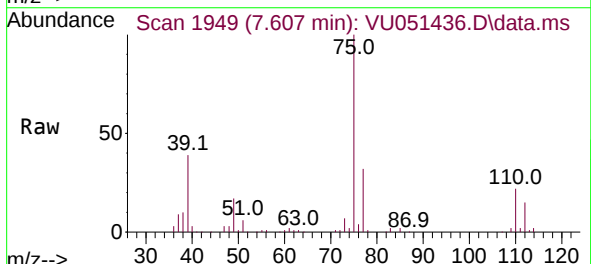
Tgt Ion: 75 Resp: 201656

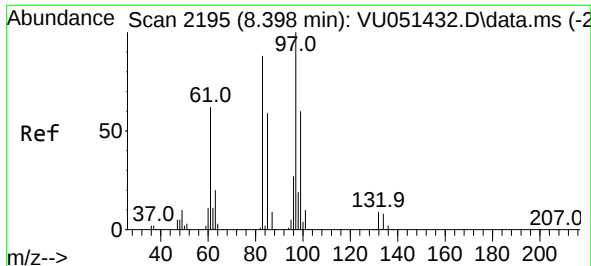
Ion Ratio Lower Upper

75 100

77 31.8 25.1 37.7

39 38.6 31.4 47.0

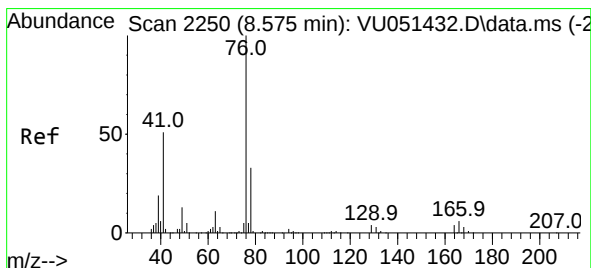
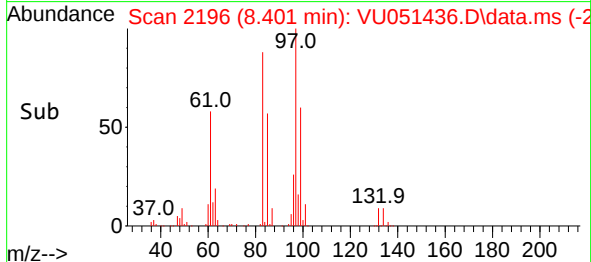
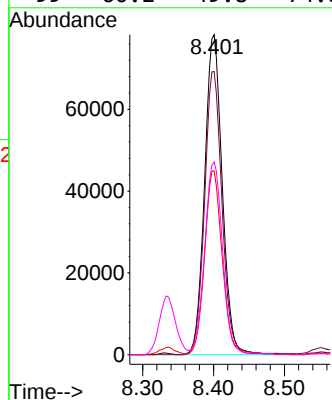
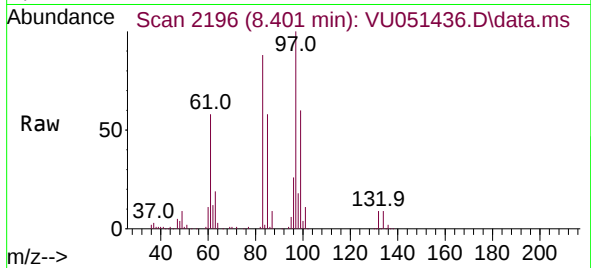




#52
1,1,2-Trichloroethane
Concen: 11.138 ug/l
RT: 8.401 min Scan# 2195
Delta R.T. 0.003 min
Lab File: VU051436.D
Acq: 18 Oct 2022 11:50

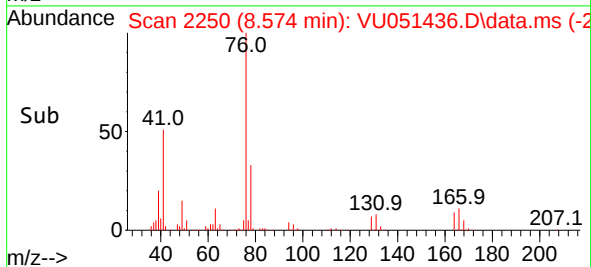
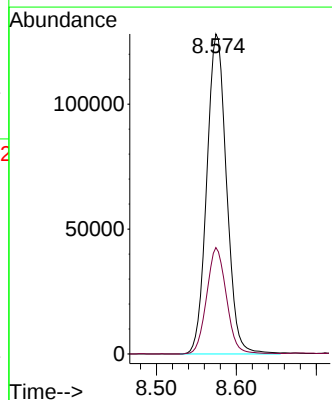
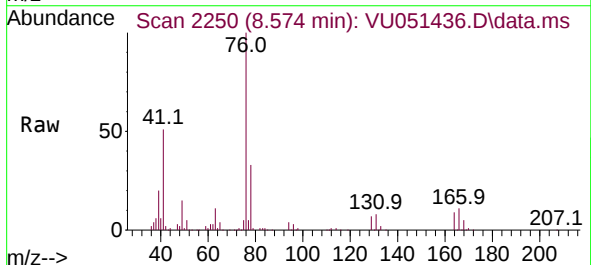
Instrument :
MSVOA_U
ClientSampleId :
ICVVU101822

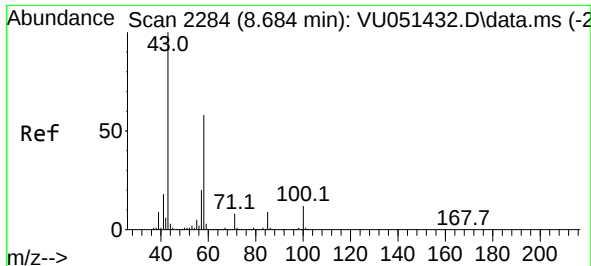
Tgt Ion:	97	Resp:	135110
Ion	Ratio	Lower	Upper
97	100		
83	88.5	70.6	105.8
85	57.4	47.0	70.4
99	60.2	49.8	74.8



#53
1,3-Dichloropropane
Concen: 11.260 ug/l
RT: 8.574 min Scan# 2250
Delta R.T. -0.000 min
Lab File: VU051436.D
Acq: 18 Oct 2022 11:50

Tgt Ion:	76	Resp:	220133
Ion	Ratio	Lower	Upper
76	100		
78	33.3	26.4	39.6

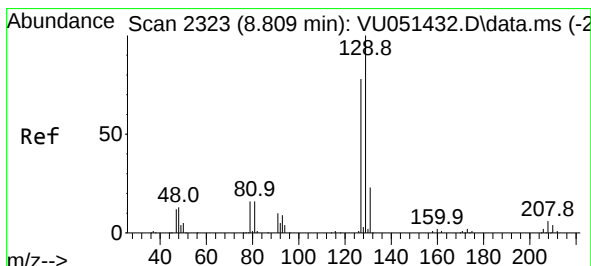
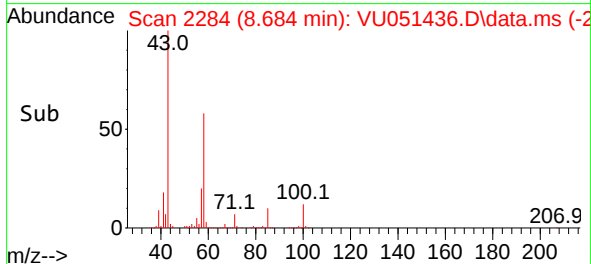
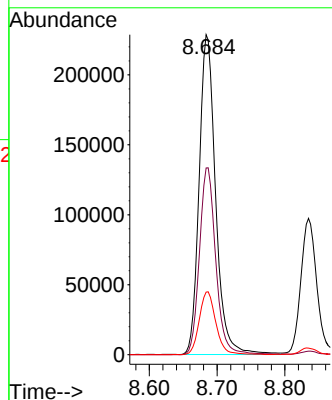
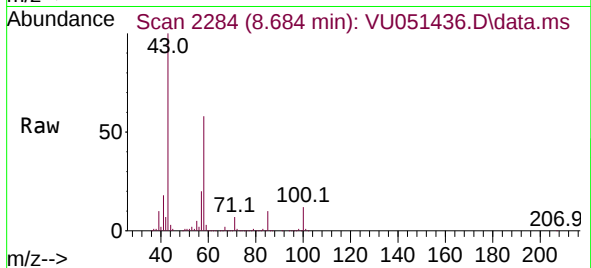




#54
2-Hexanone
Concen: 55.471 ug/l
RT: 8.684 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU051436.D
Acq: 18 Oct 2022 11:50

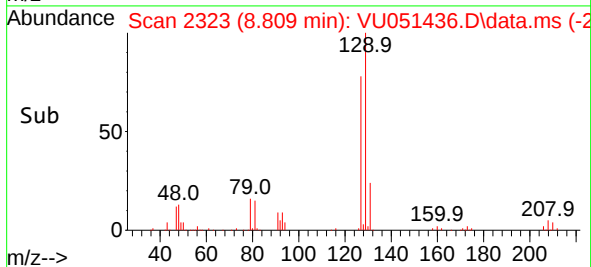
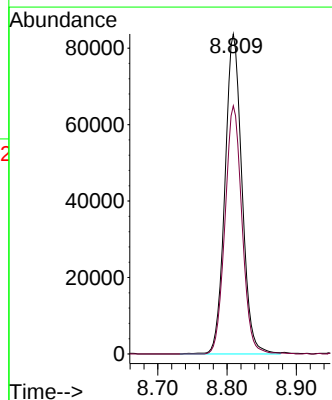
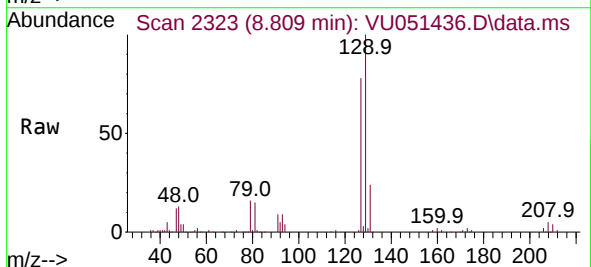
Instrument :
MSVOA_U
ClientSampleId :
ICVVU101822

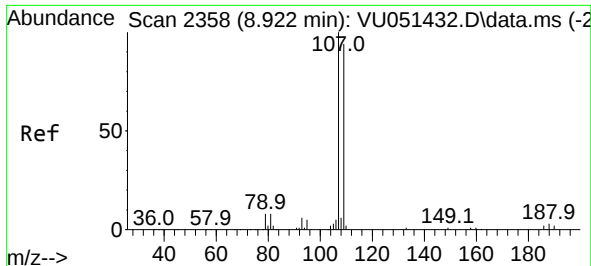
Tgt Ion: 43 Resp: 385890
Ion Ratio Lower Upper
43 100
58 58.1 38.0 78.0
57 19.9 0.0 39.9



#55
Dibromochloromethane
Concen: 10.827 ug/l
RT: 8.809 min Scan# 2323
Delta R.T. -0.000 min
Lab File: VU051436.D
Acq: 18 Oct 2022 11:50

Tgt Ion: 129 Resp: 142825
Ion Ratio Lower Upper
129 100
127 77.6 62.1 93.1

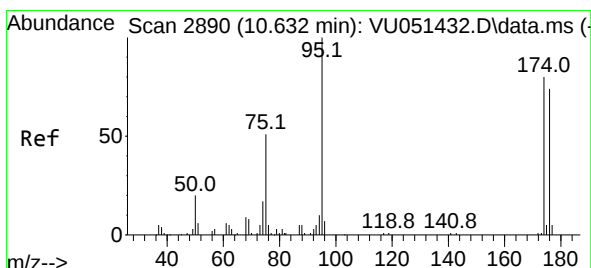
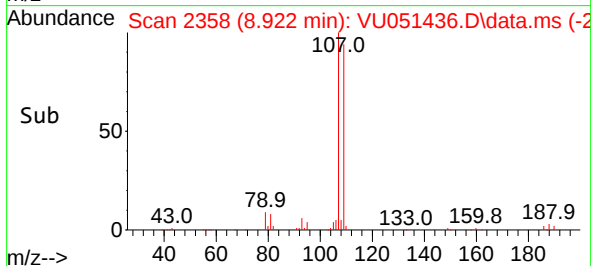
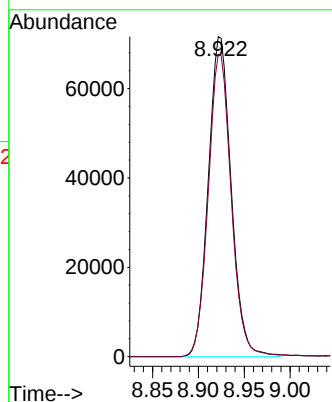
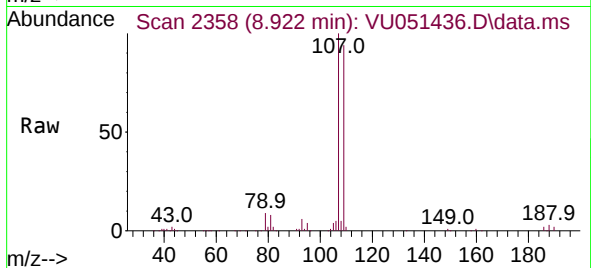




#56
1,2-Dibromoethane
Concen: 11.649 ug/l
RT: 8.922 min Scan# 2358
Delta R.T. -0.000 min
Lab File: VU051436.D
Acq: 18 Oct 2022 11:50

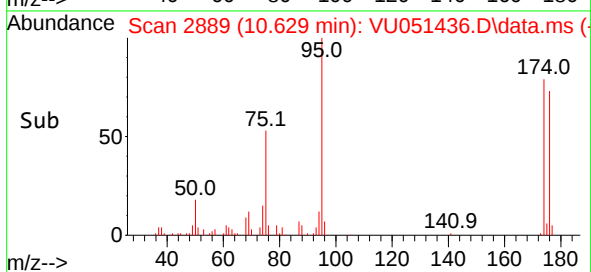
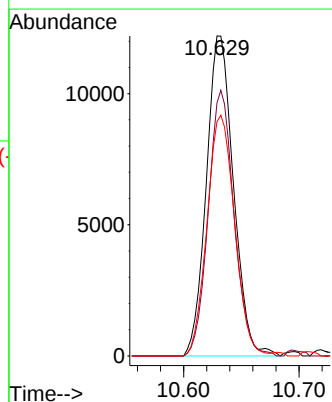
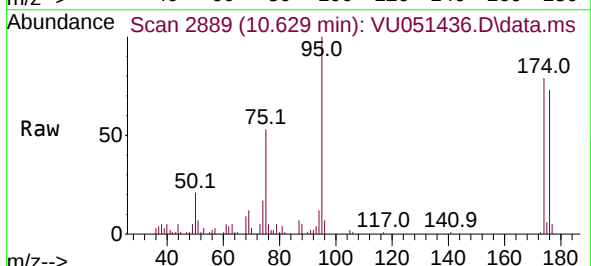
Instrument : MSVOA_U
ClientSampleId : ICVVU101822

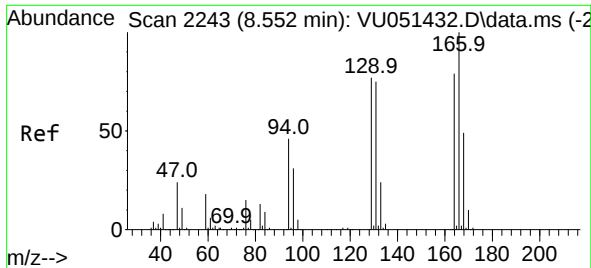
Tgt Ion:107 Resp: 124242
Ion Ratio Lower Upper
107 100
109 95.2 0.0 190.6



#57
4-Bromofluorobenzene
Concen: 1.251 ug/l
RT: 10.629 min Scan# 2889
Delta R.T. -0.003 min
Lab File: VU051436.D
Acq: 18 Oct 2022 11:50

Tgt Ion: 95 Resp: 19912
Ion Ratio Lower Upper
95 100
174 78.8 63.0 94.6
176 76.5 59.8 89.6



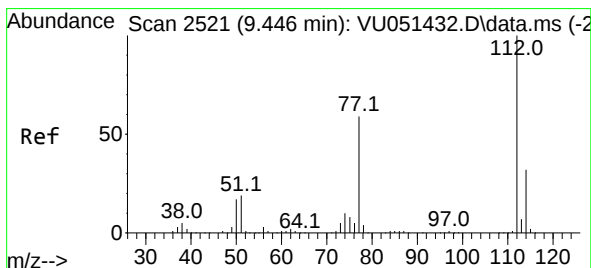
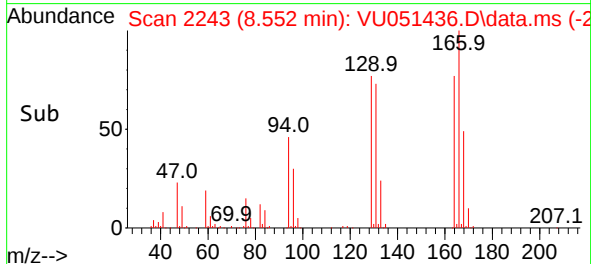
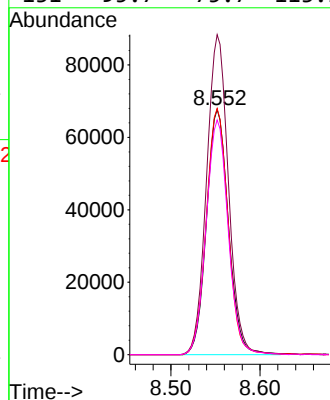
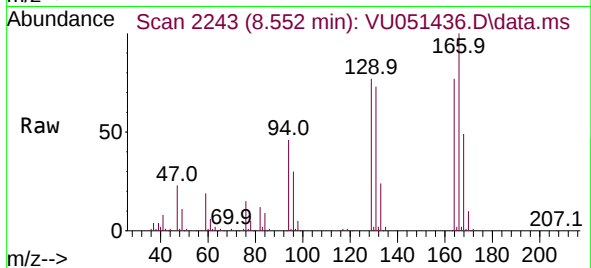


#58
Tetrachloroethene
Concen: 9.472 ug/l
RT: 8.552 min Scan# 211
Delta R.T. -0.000 min
Lab File: VU051436.D
Acq: 18 Oct 2022 11:50

Instrument :
MSVOA_U
ClientSampleId :
ICVVU101822

Tgt Ion:164 Resp: 115586

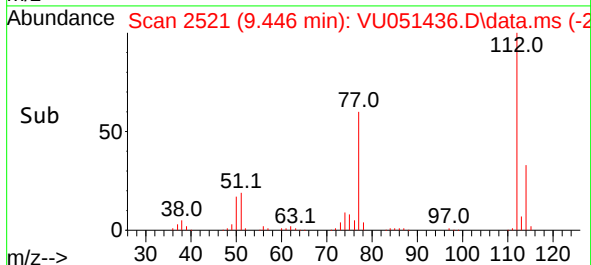
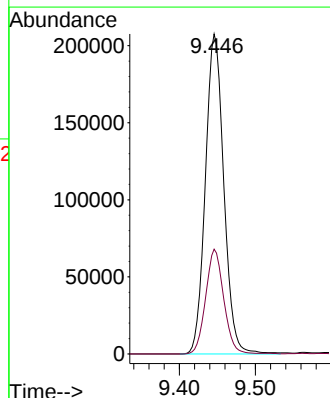
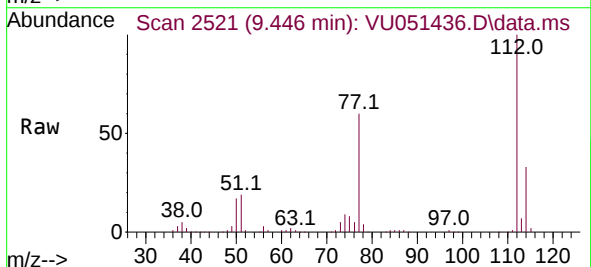
Ion	Ratio	Lower	Upper
164	100		
166	130.5	100.9	151.3
129	100.5	77.5	116.3
131	95.7	75.7	113.5

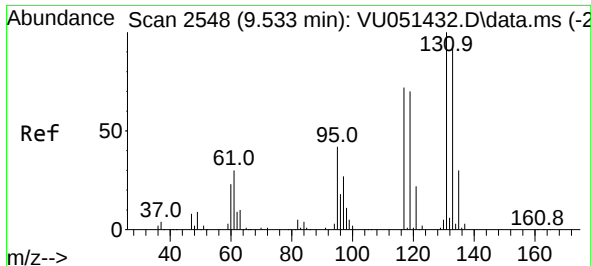


#59
Chlorobenzene
Concen: 9.741 ug/l
RT: 9.446 min Scan# 2521
Delta R.T. -0.000 min
Lab File: VU051436.D
Acq: 18 Oct 2022 11:50

Tgt Ion:112 Resp: 349908

Ion	Ratio	Lower	Upper
112	100		
114	32.8	25.8	38.6

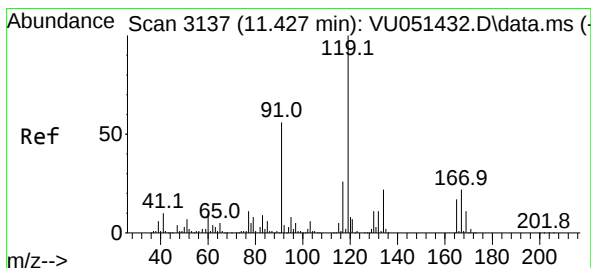
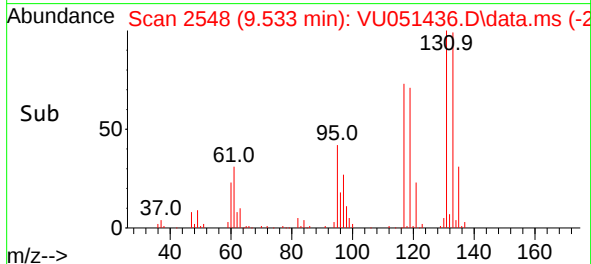
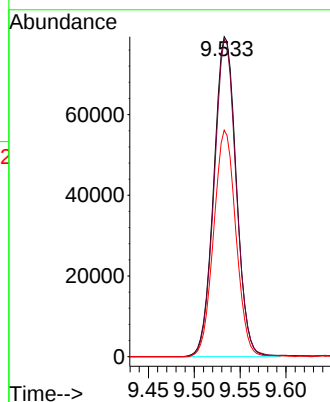
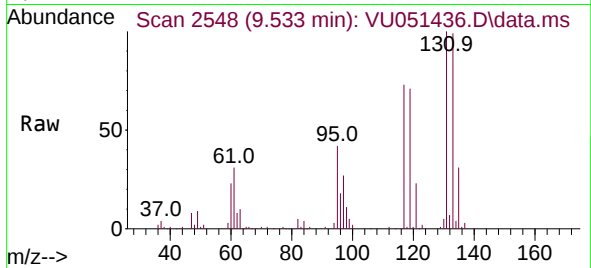




#60
1,1,1,2-Tetrachloroethane
Concen: 9.830 ug/l
RT: 9.533 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU051436.D
Acq: 18 Oct 2022 11:50

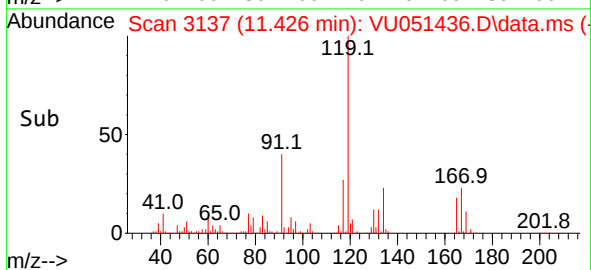
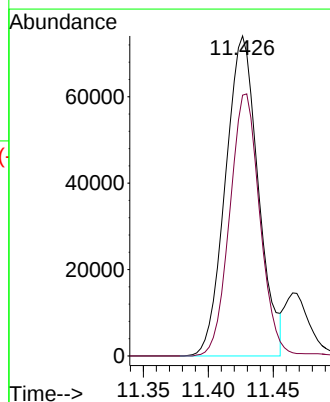
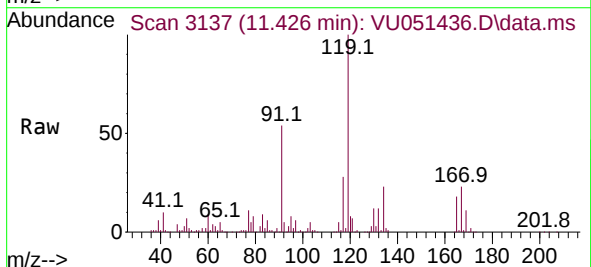
Instrument :
MSVOA_U
ClientSampleId :
ICVVU101822

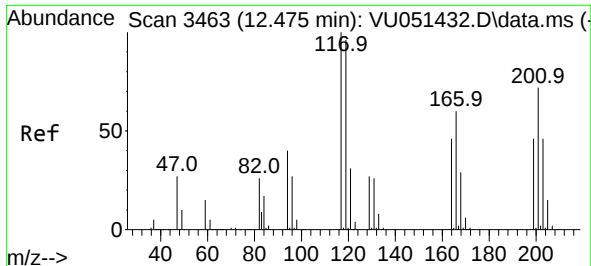
Tgt Ion:131 Resp: 135303
Ion Ratio Lower Upper
131 100
133 97.1 76.5 114.7
119 70.1 56.5 84.7



#61
Pentachloroethane
Concen: 10.612 ug/l
RT: 11.426 min Scan# 3137
Delta R.T. -0.001 min
Lab File: VU051436.D
Acq: 18 Oct 2022 11:50

Tgt Ion:117 Resp: 130158
Ion Ratio Lower Upper
117 100
167 75.7 63.3 94.9

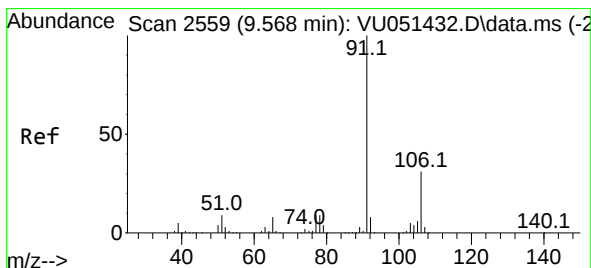
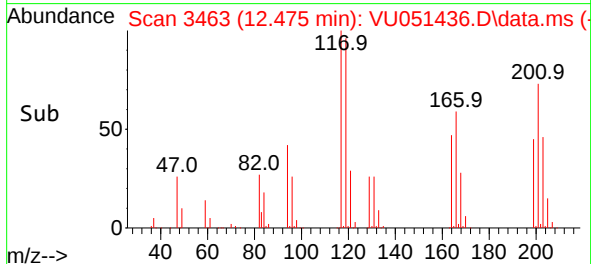
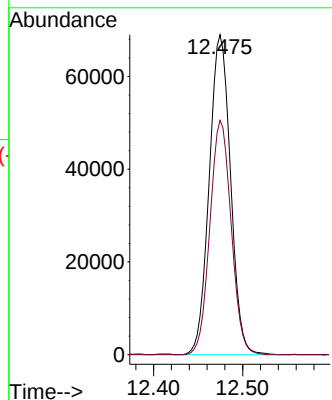
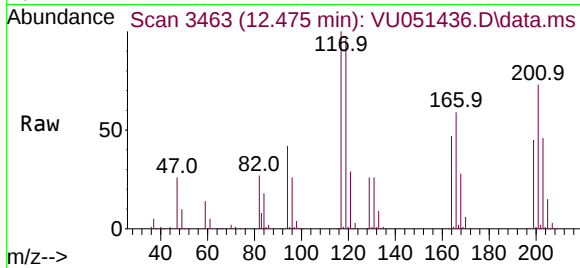




#62
Hexachloroethane
Concen: 9.836 ug/l
RT: 12.475 min Scan# 3463
Delta R.T. -0.000 min
Lab File: VU051436.D
Acq: 18 Oct 2022 11:50

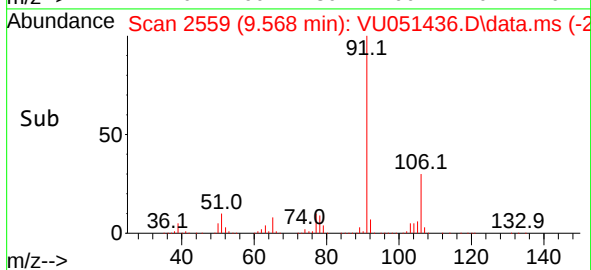
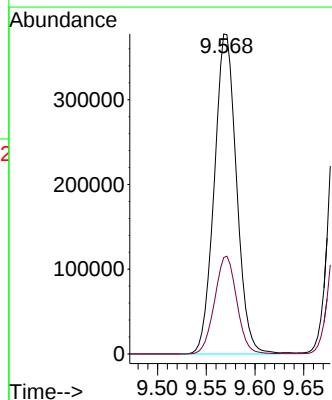
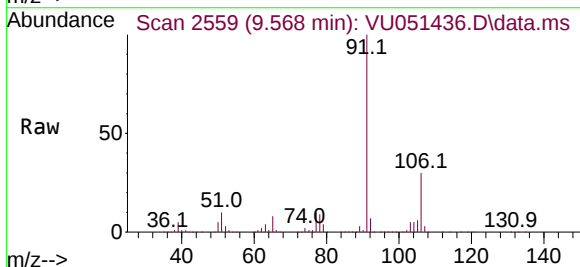
Instrument :
MSVOA_U
ClientSampleId :
ICVVU101822

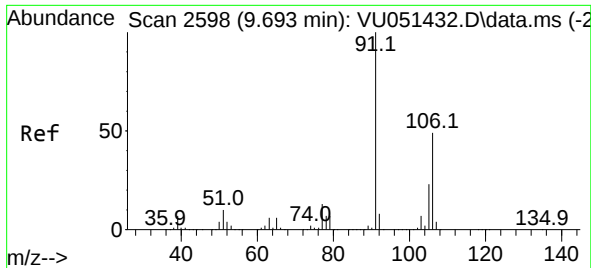
Tgt Ion:117 Resp: 114564
Ion Ratio Lower Upper
117 100
201 73.0 57.4 86.2



#63
Ethyl Benzene
Concen: 8.953 ug/l
RT: 9.568 min Scan# 2559
Delta R.T. -0.000 min
Lab File: VU051436.D
Acq: 18 Oct 2022 11:50

Tgt Ion: 91 Resp: 598804
Ion Ratio Lower Upper
91 100
106 30.2 24.9 37.3

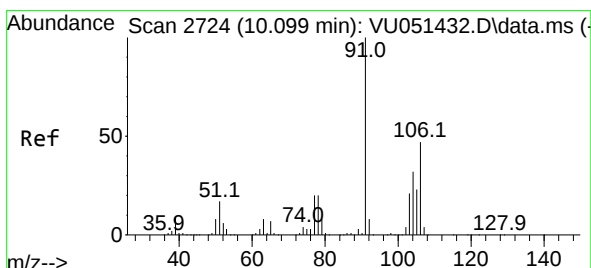
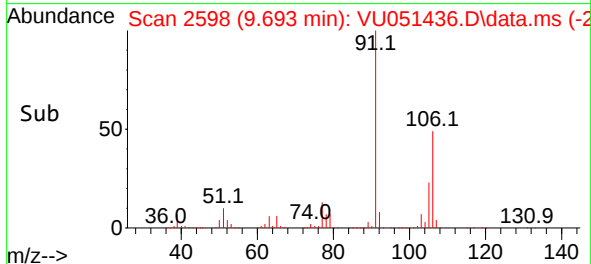
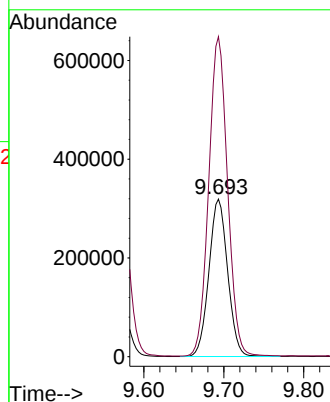
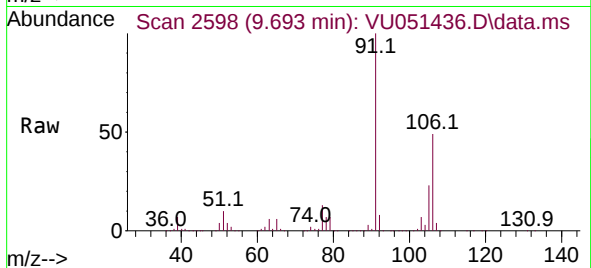




#64
m/p-Xylenes
Concen: 19.017 ug/l
RT: 9.693 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU051436.D
Acq: 18 Oct 2022 11:50

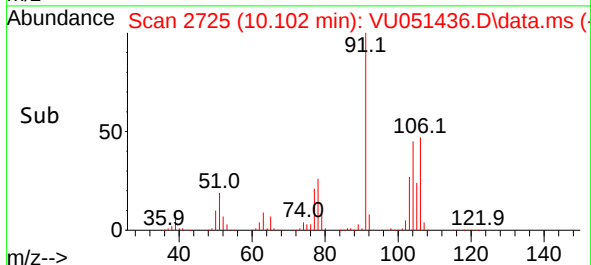
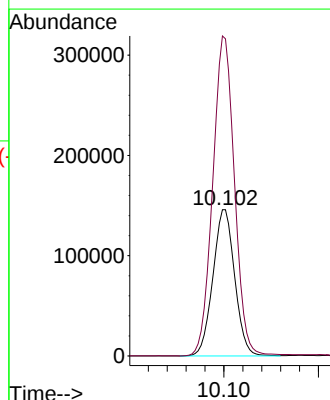
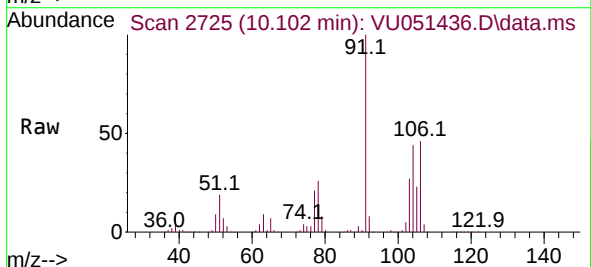
Instrument :
MSVOA_U
ClientSampleId :
ICVVU101822

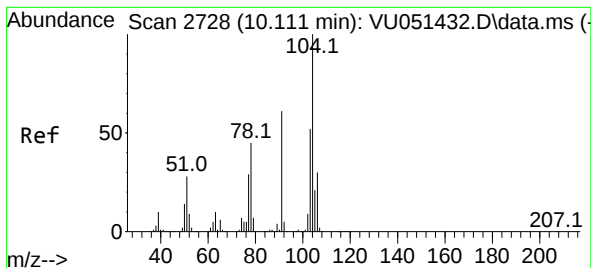
Tgt Ion:106 Resp: 519399
Ion Ratio Lower Upper
106 100
91 203.4 163.2 244.8



#65
o-Xylene
Concen: 9.131 ug/l
RT: 10.102 min Scan# 2725
Delta R.T. 0.003 min
Lab File: VU051436.D
Acq: 18 Oct 2022 11:50

Tgt Ion:106 Resp: 233390
Ion Ratio Lower Upper
106 100
91 219.3 107.1 321.3





#66

Styrene

Concen: 9.455 ug/l

RT: 10.114 min Scan# 2728

Delta R.T. 0.003 min

Lab File: VU051436.D

Acq: 18 Oct 2022 11:50

Instrument :

MSVOA_U

ClientSampleId :

ICVVU101822

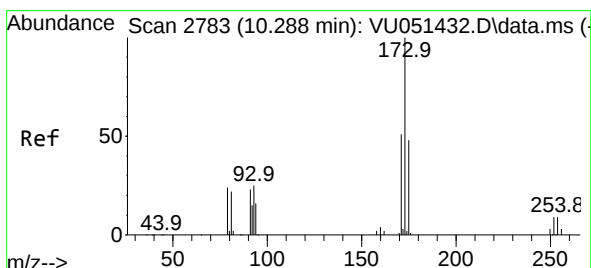
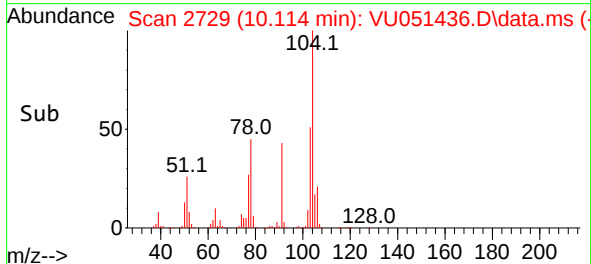
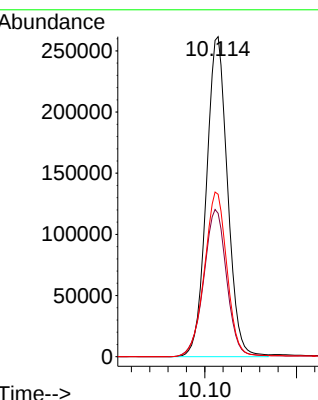
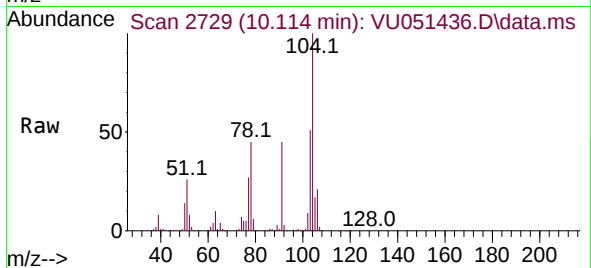
Tgt Ion:104 Resp: 418350

Ion Ratio Lower Upper

104 100

78 50.2 39.7 59.5

103 55.0 44.4 66.6



#67

Bromoform

Concen: 12.027 ug/l

RT: 10.288 min Scan# 2783

Delta R.T. -0.000 min

Lab File: VU051436.D

Acq: 18 Oct 2022 11:50

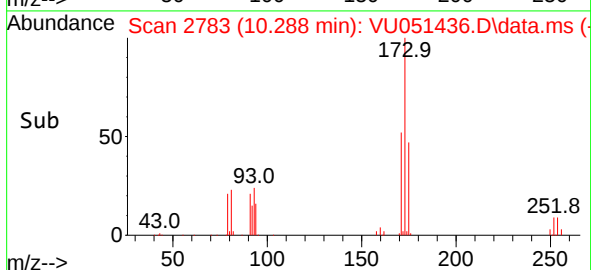
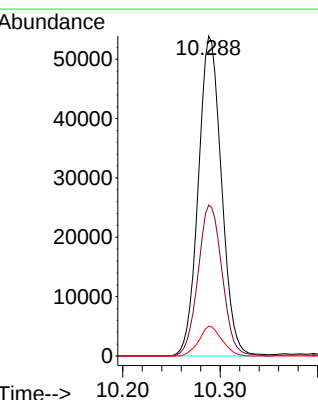
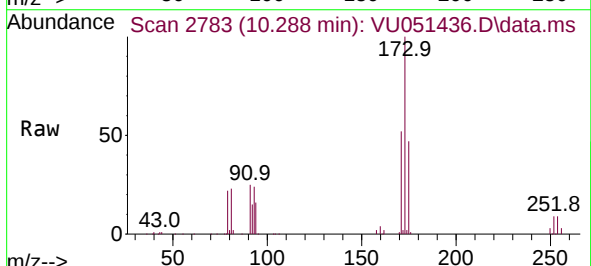
Tgt Ion:173 Resp: 89045

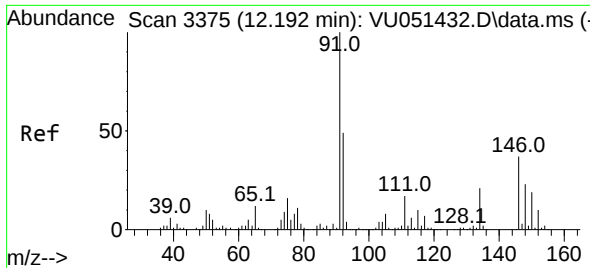
Ion Ratio Lower Upper

173 100

175 49.0 38.6 58.0

254 9.2 7.3 10.9

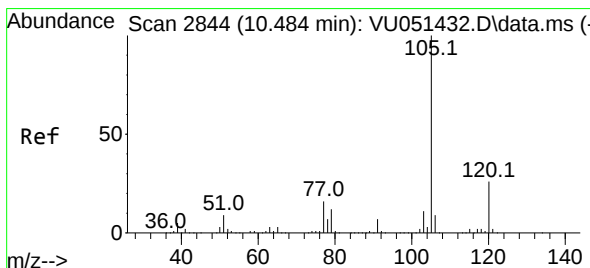
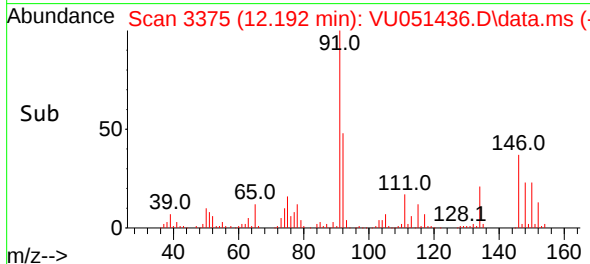
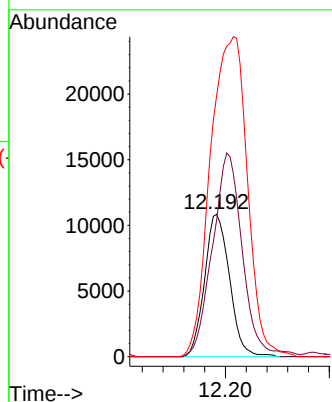
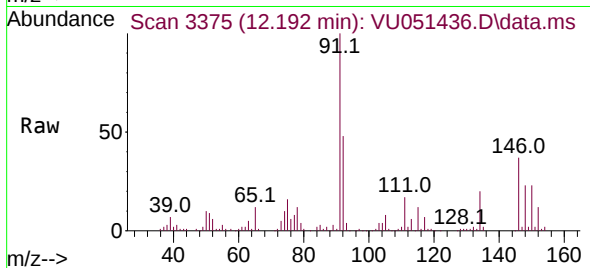




#68
 1,2-Dichlorobenzene-d4
 Concen: 1.016 ug/l
 RT: 12.192 min Scan# 311
 Delta R.T. -0.000 min
 Lab File: VU051436.D
 Acq: 18 Oct 2022 11:50

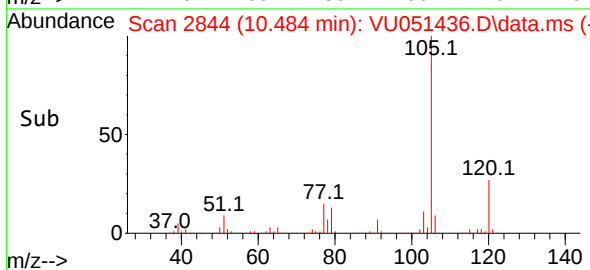
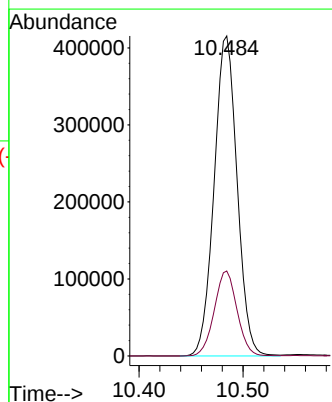
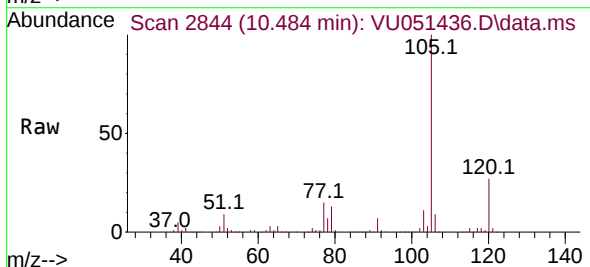
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU101822

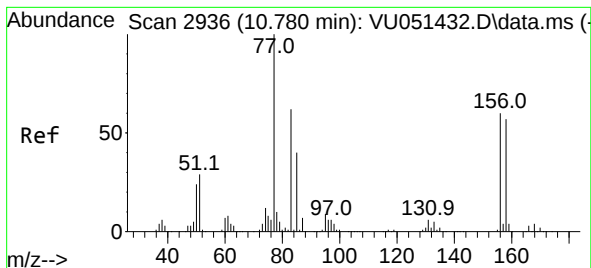
Tgt Ion:152 Resp: 18062
 Ion Ratio Lower Upper
 152 100
 115 171.6 0.0 333.0
 150 332.3 0.0 662.0



#69
 Isopropylbenzene
 Concen: 9.813 ug/l
 RT: 10.484 min Scan# 2844
 Delta R.T. 0.000 min
 Lab File: VU051436.D
 Acq: 18 Oct 2022 11:50

Tgt Ion:105 Resp: 637878
 Ion Ratio Lower Upper
 105 100
 120 26.3 13.0 39.0

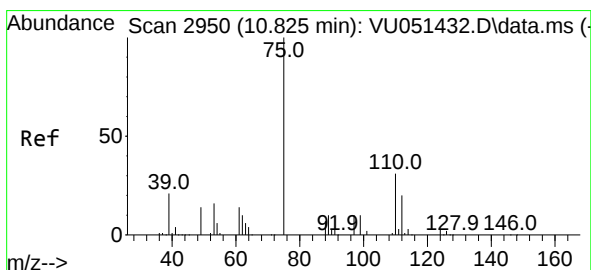
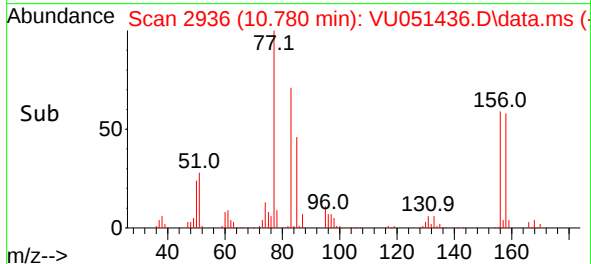
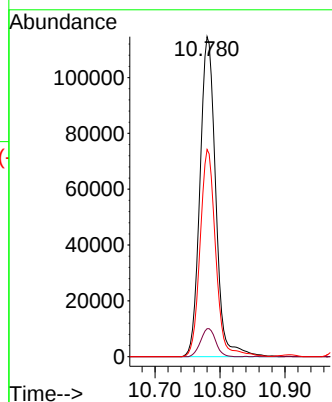
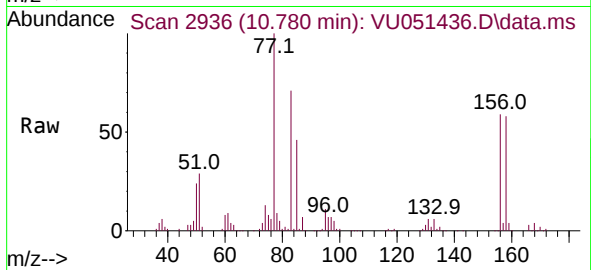




#70
 1,1,2,2-Tetrachloroethane
 Concen: 11.812 ug/l
 RT: 10.780 min Scan# 2936
 Delta R.T. -0.000 min
 Lab File: VU051436.D
 Acq: 18 Oct 2022 11:50

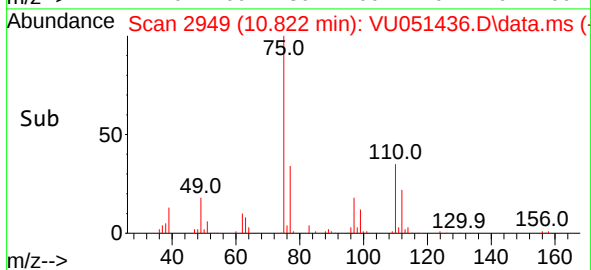
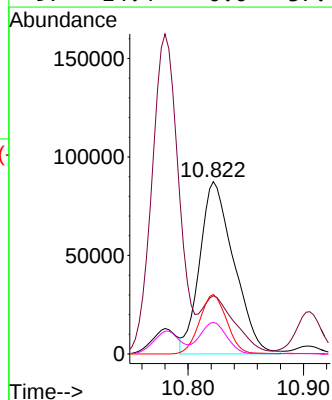
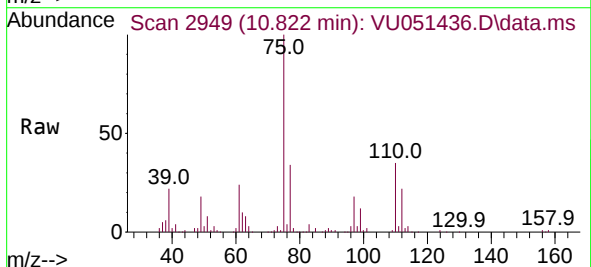
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU101822

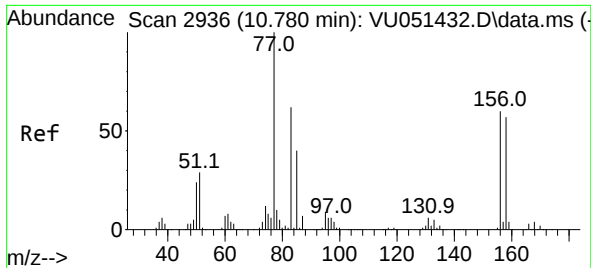
Tgt Ion: 83 Resp: 193768
 Ion Ratio Lower Upper
 83 100
 131 8.4 7.2 10.8
 85 64.2 51.4 77.2



#71
 1,2,3-Trichloropropane
 Concen: 14.722 ug/l
 RT: 10.822 min Scan# 2949
 Delta R.T. -0.003 min
 Lab File: VU051436.D
 Acq: 18 Oct 2022 11:50

Tgt Ion: 75 Resp: 179451
 Ion Ratio Lower Upper
 75 100
 77 31.0 0.0 111.0
 110 27.7 0.0 70.2
 97 14.4 0.0 37.4

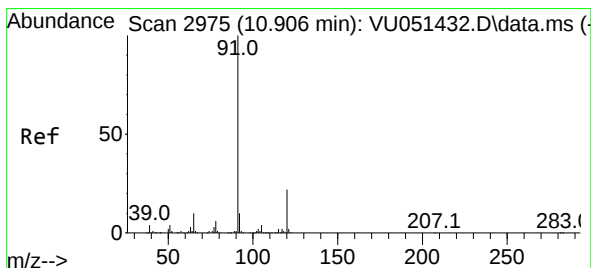
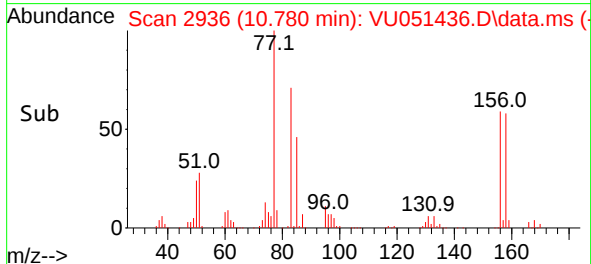
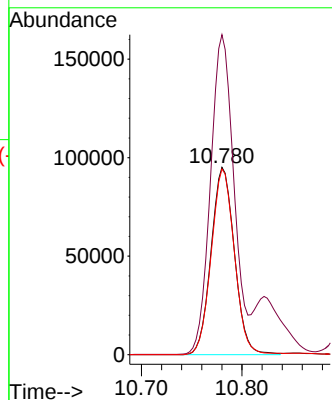
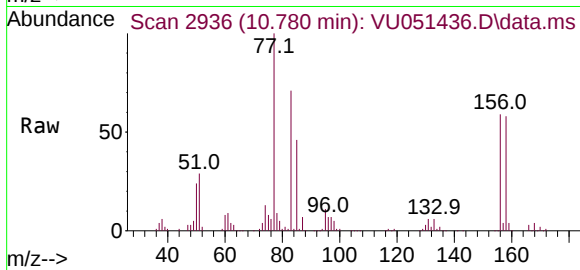




#72
Bromobenzene
Concen: 10.759 ug/l
RT: 10.780 min Scan# 2936
Delta R.T. -0.000 min
Lab File: VU051436.D
Acq: 18 Oct 2022 11:50

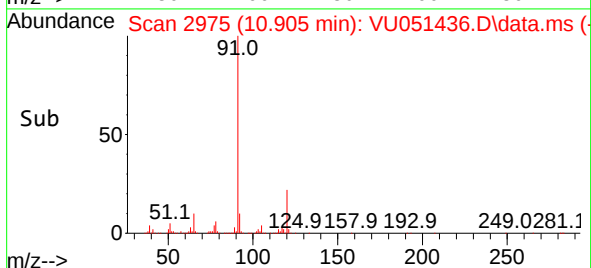
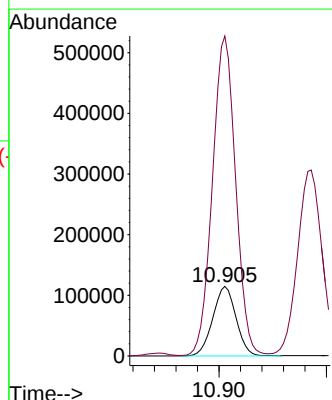
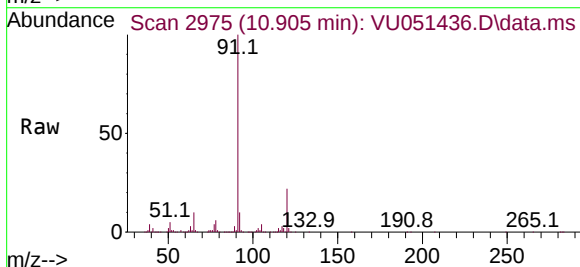
Instrument :
MSVOA_U
ClientSampleId :
ICVVU101822

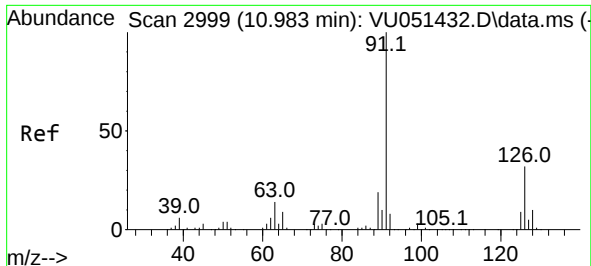
Tgt Ion:156 Resp: 153689
Ion Ratio Lower Upper
156 100
77 169.2 0.0 343.4
158 98.3 0.0 195.6



#73
n-propylbenzene
Concen: 9.208 ug/l
RT: 10.905 min Scan# 2975
Delta R.T. -0.001 min
Lab File: VU051436.D
Acq: 18 Oct 2022 11:50

Tgt Ion:120 Resp: 172226
Ion Ratio Lower Upper
120 100
91 457.0 362.3 543.5

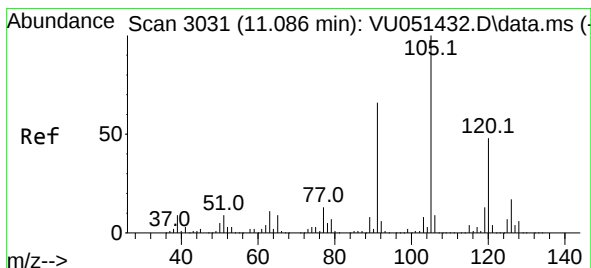
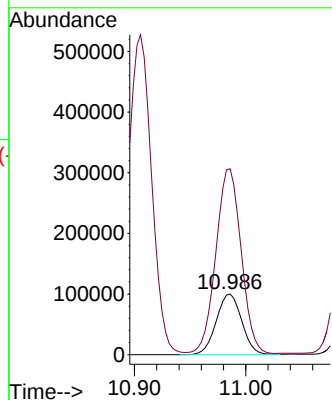
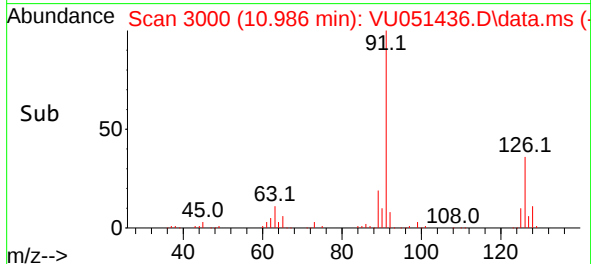
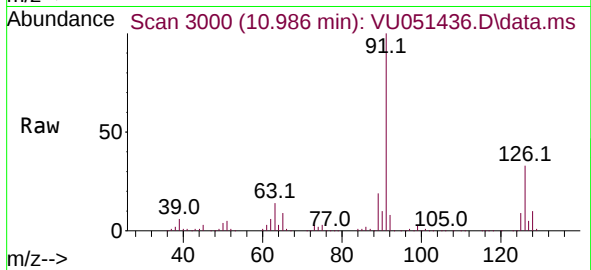




#74
2-Chlorotoluene
Concen: 11.417 ug/l
RT: 10.986 min Scan# 3000
Delta R.T. 0.003 min
Lab File: VU051436.D
Acq: 18 Oct 2022 11:50

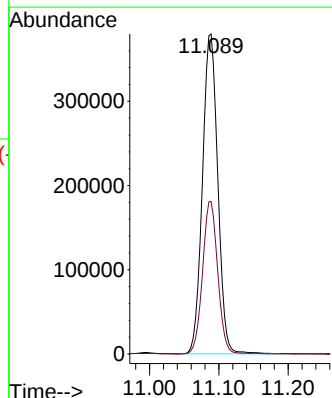
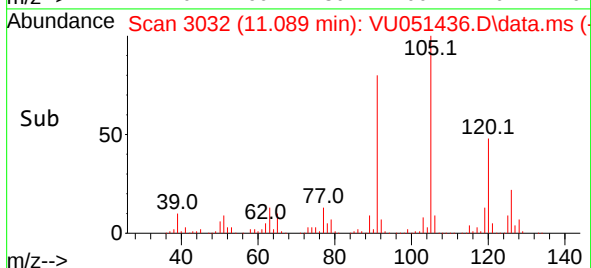
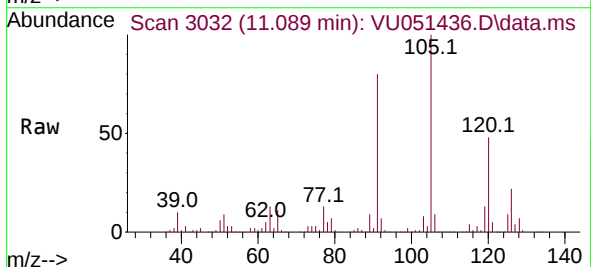
Instrument :
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ClientSampleId :
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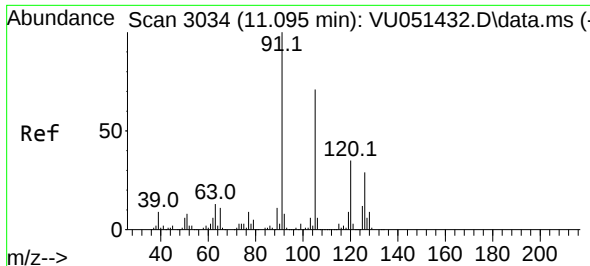
Tgt Ion:126 Resp: 158775
Ion Ratio Lower Upper
126 100
91 301.9 0.0 623.2



#75
1,3,5-Trimethylbenzene
Concen: 9.714 ug/l
RT: 11.089 min Scan# 3032
Delta R.T. 0.003 min
Lab File: VU051436.D
Acq: 18 Oct 2022 11:50

Tgt Ion:105 Resp: 585052
Ion Ratio Lower Upper
105 100
120 47.0 38.2 57.4

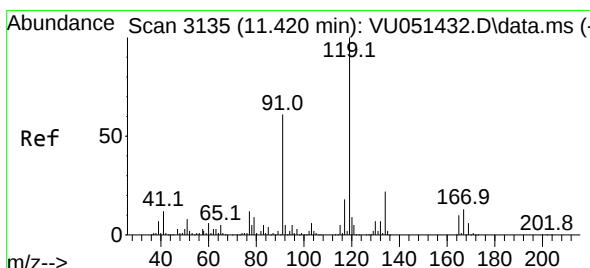
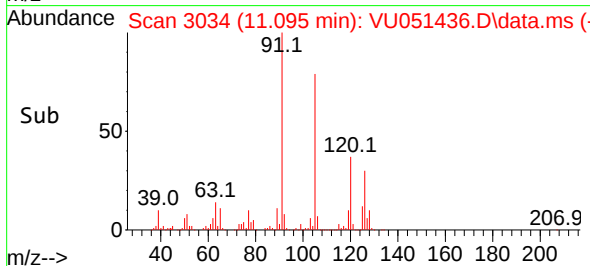
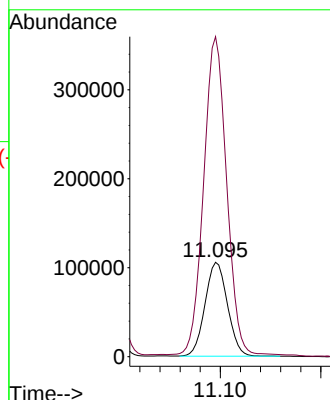
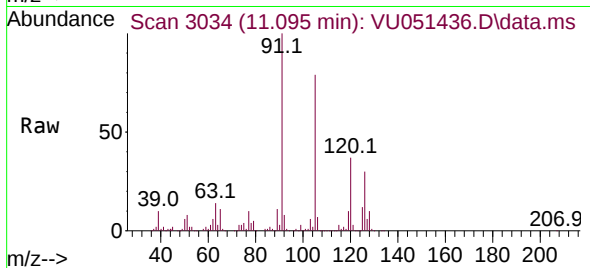




#76
4-Chlorotoluene
Concen: 9.622 ug/l
RT: 11.095 min Scan# 3034
Delta R.T. 0.000 min
Lab File: VU051436.D
Acq: 18 Oct 2022 11:50

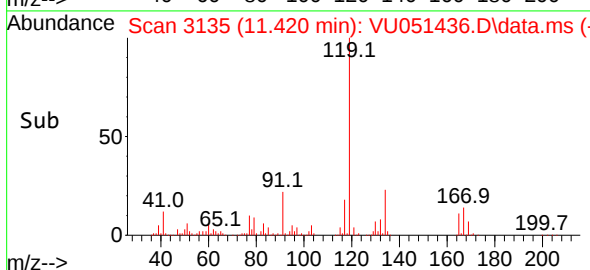
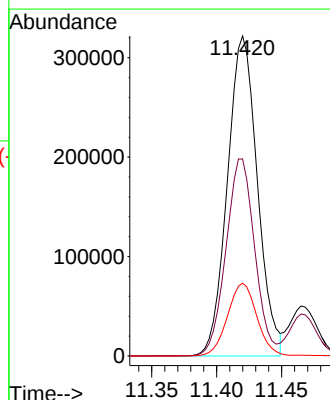
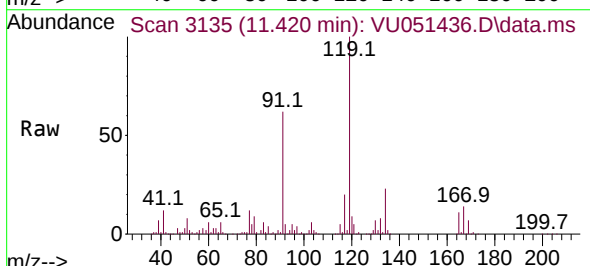
Instrument :
MSVOA_U
ClientSampleId :
ICVVU101822

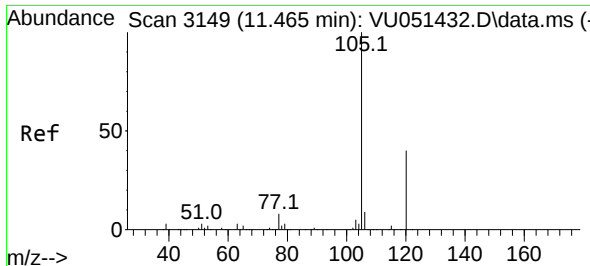
Tgt Ion:126 Resp: 163481
Ion Ratio Lower Upper
126 100
91 352.6 0.0 717.6



#77
tert-Butylbenzene
Concen: 11.255 ug/l
RT: 11.420 min Scan# 3135
Delta R.T. -0.000 min
Lab File: VU051436.D
Acq: 18 Oct 2022 11:50

Tgt Ion:119 Resp: 518225
Ion Ratio Lower Upper
119 100
91 58.8 29.8 89.5
134 22.4 17.9 26.9

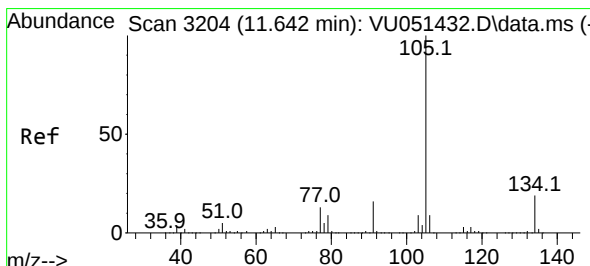
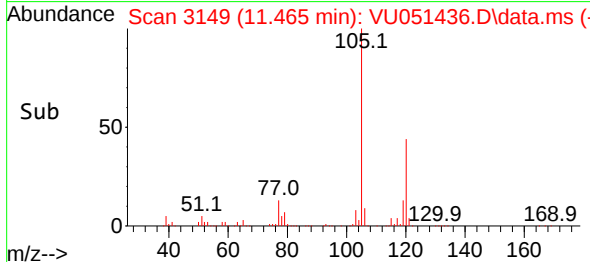
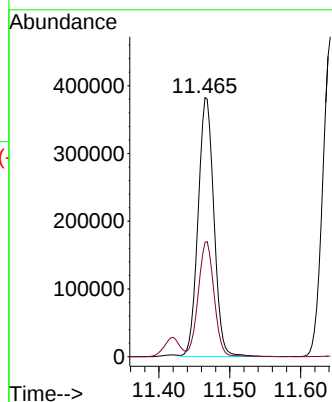
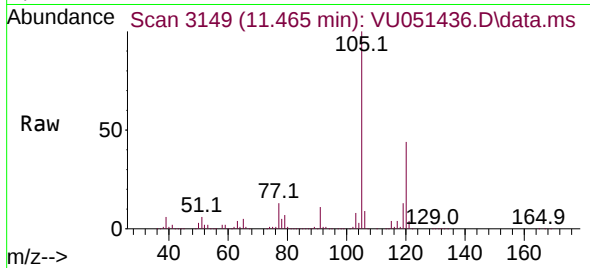




#78
1,2,4-Trimethylbenzene
Concen: 9.406 ug/l
RT: 11.465 min Scan# 3149
Delta R.T. -0.000 min
Lab File: VU051436.D
Acq: 18 Oct 2022 11:50

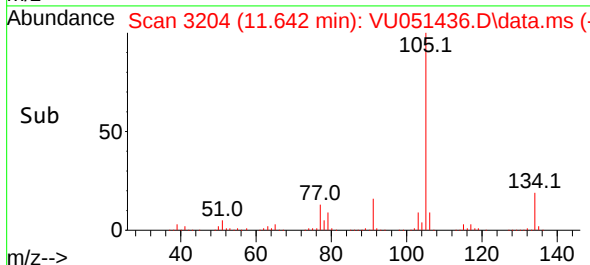
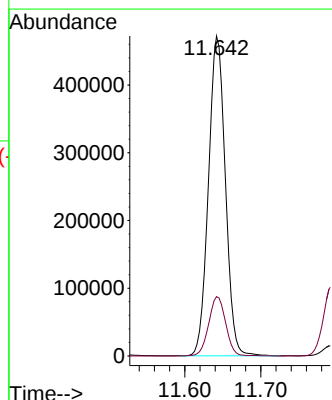
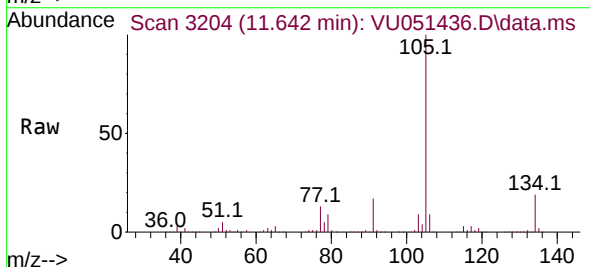
Instrument :
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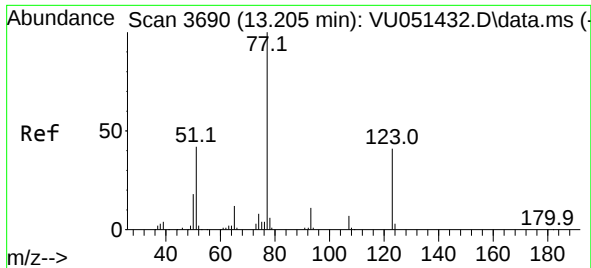
Tgt Ion:105 Resp: 592978
Ion Ratio Lower Upper
105 100
120 44.4 22.1 66.3



#79
sec-Butylbenzene
Concen: 9.672 ug/l
RT: 11.642 min Scan# 3204
Delta R.T. -0.000 min
Lab File: VU051436.D
Acq: 18 Oct 2022 11:50

Tgt Ion:105 Resp: 729123
Ion Ratio Lower Upper
105 100
134 18.7 15.2 22.8

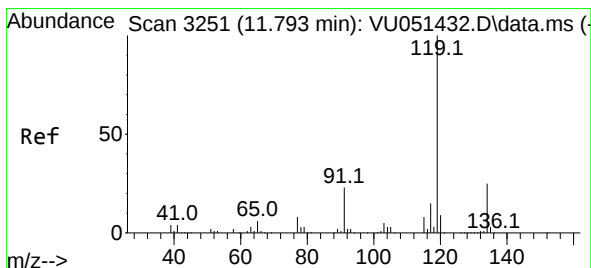
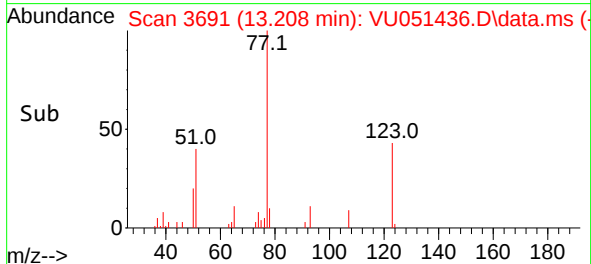
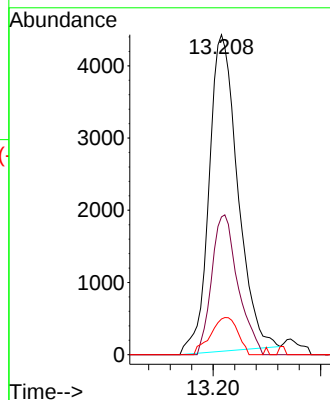
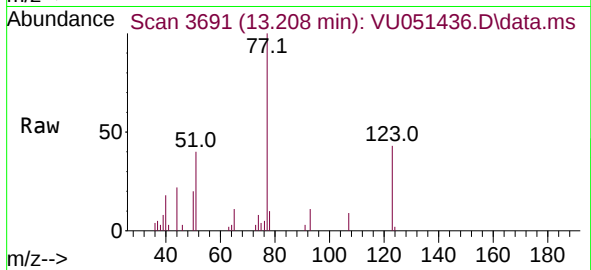




#80
Nitrobenzene
Concen: 9.991 ug/l
RT: 13.208 min Scan# 3691
Delta R.T. 0.003 min
Lab File: VU051436.D
Acq: 18 Oct 2022 11:50

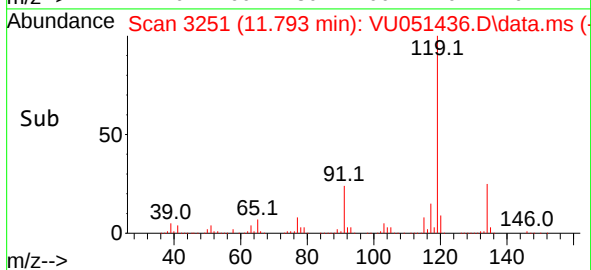
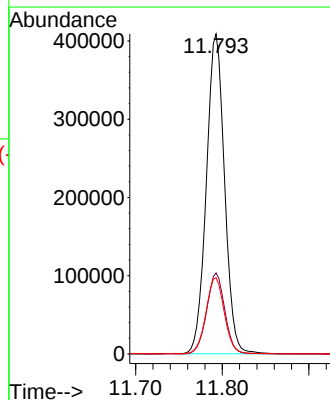
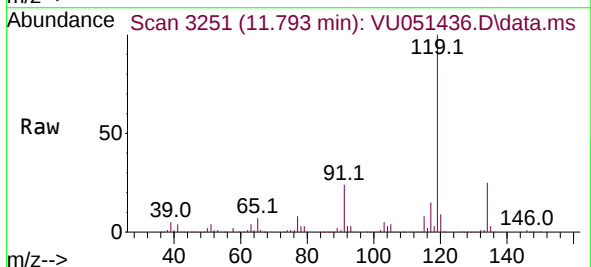
Instrument :
MSVOA_U
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ICVVU101822

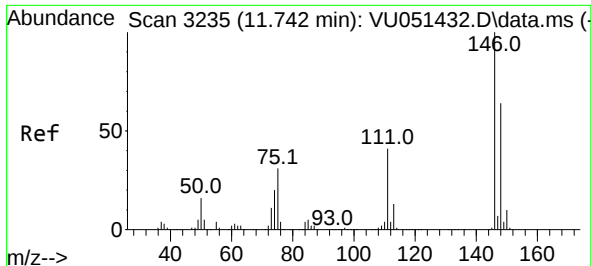
Tgt Ion: 77	Resp:	8116
Ion	Ratio	Lower Upper
77	100	
123	40.3	17.5 62.1
65	11.1	11.1 14.1



#81
p-Isopropyltoluene
Concen: 9.454 ug/l
RT: 11.793 min Scan# 3251
Delta R.T. -0.000 min
Lab File: VU051436.D
Acq: 18 Oct 2022 11:50

Tgt Ion: 119	Resp:	595283
Ion	Ratio	Lower Upper
119	100	
134	25.3	20.3 30.5
91	24.0	18.6 27.8





#82

1,3-Dichlorobenzene

Concen: 10.333 ug/l

RT: 11.745 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU051436.D

Acq: 18 Oct 2022 11:50

Instrument :

MSVOA_U

ClientSampleId :

ICVVU101822

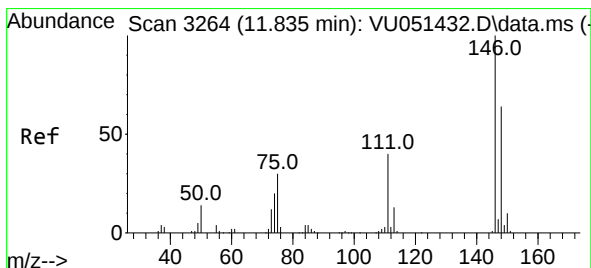
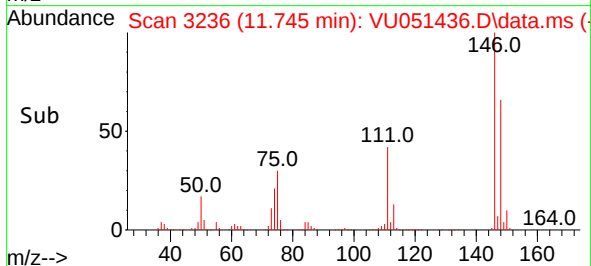
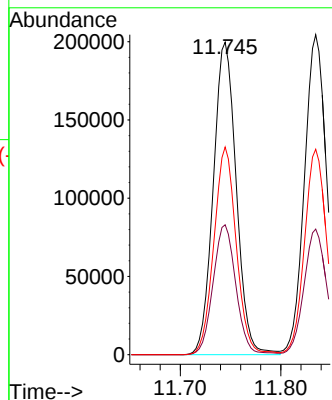
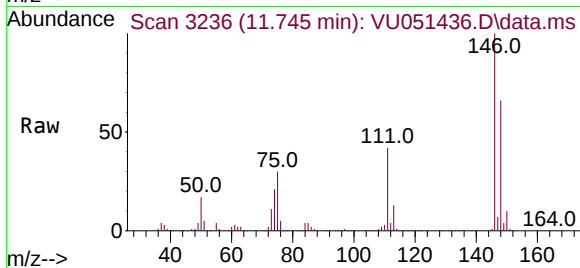
Tgt Ion:146 Resp: 317100

Ion Ratio Lower Upper

146 100

111 41.3 33.4 50.0

148 64.8 51.0 76.6



#83

1,4-Dichlorobenzene

Concen: 10.693 ug/l

RT: 11.835 min Scan# 3264

Delta R.T. -0.000 min

Lab File: VU051436.D

Acq: 18 Oct 2022 11:50

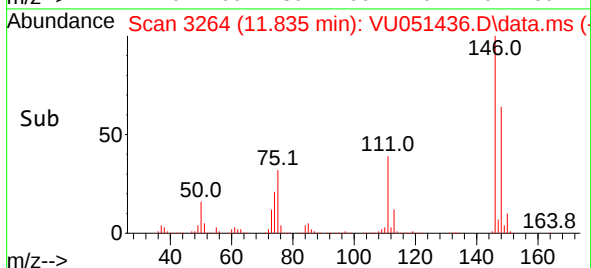
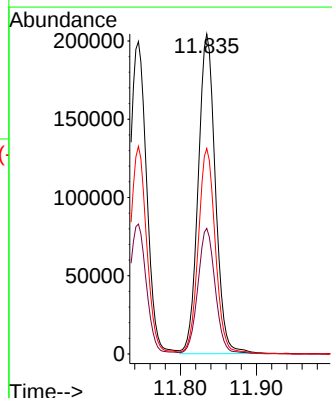
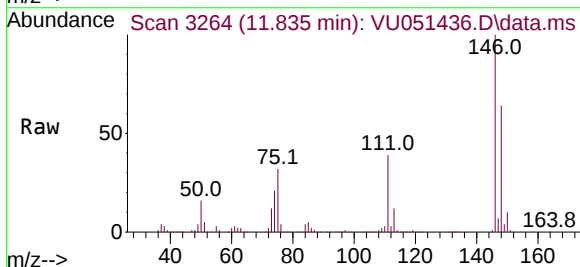
Tgt Ion:146 Resp: 321181

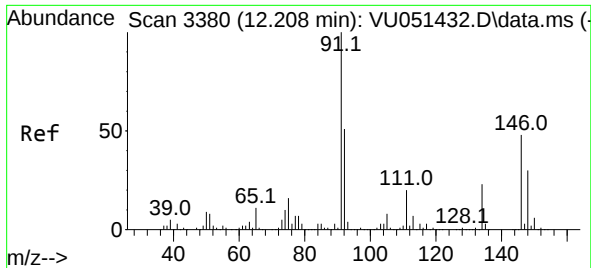
Ion Ratio Lower Upper

146 100

111 39.6 31.6 47.4

148 63.6 50.5 75.7

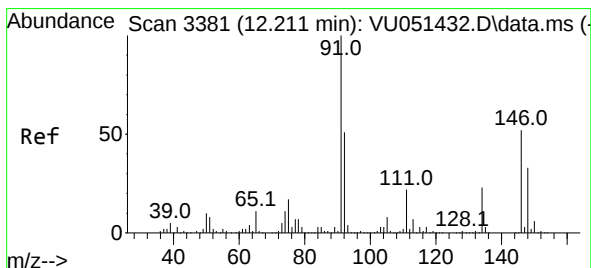
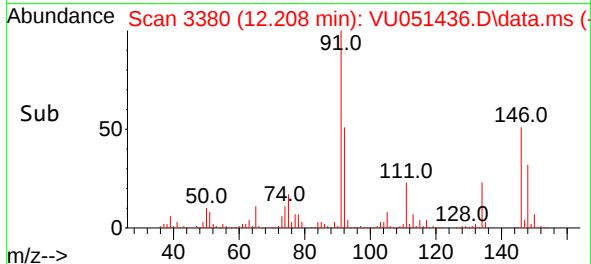
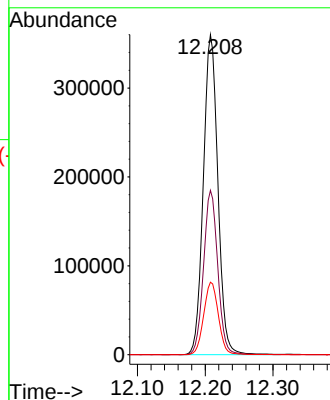
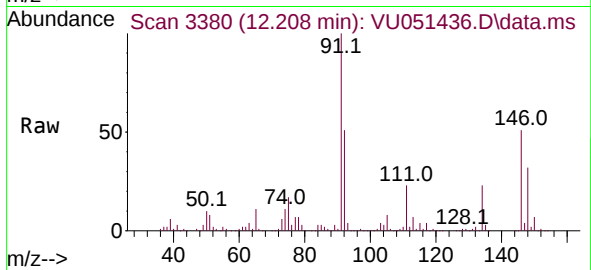




#84
n-Butylbenzene
Concen: 8.944 ug/l
RT: 12.208 min Scan# 3380
Delta R.T. -0.000 min
Lab File: VU051436.D
Acq: 18 Oct 2022 11:50

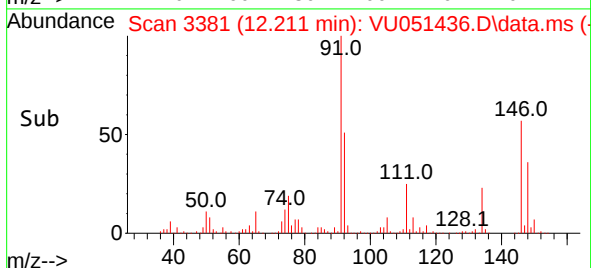
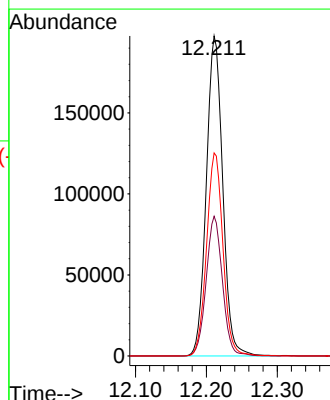
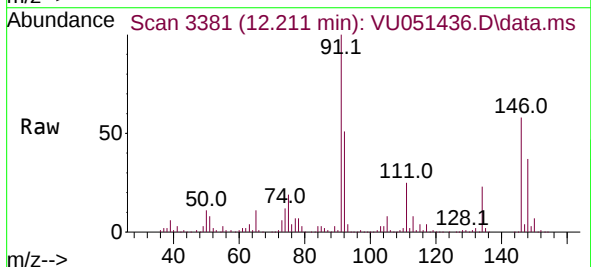
Instrument :
MSVOA_U
ClientSampleId :
ICVVU101822

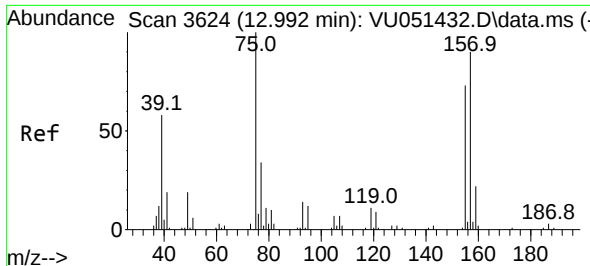
Tgt Ion: 91 Resp: 535900
Ion Ratio Lower Upper
91 100
92 50.2 40.6 61.0
134 22.9 18.3 27.5



#85
1,2-Dichlorobenzene
Concen: 10.494 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. -0.000 min
Lab File: VU051436.D
Acq: 18 Oct 2022 11:50

Tgt Ion: 146 Resp: 317323
Ion Ratio Lower Upper
146 100
111 43.3 21.3 63.9
148 63.3 31.8 95.4

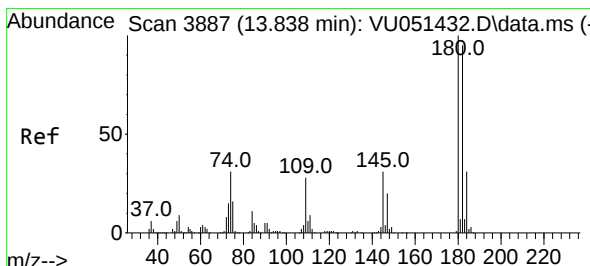
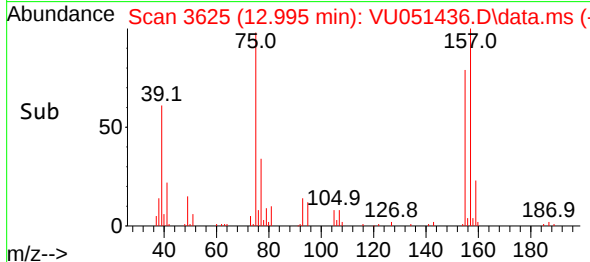
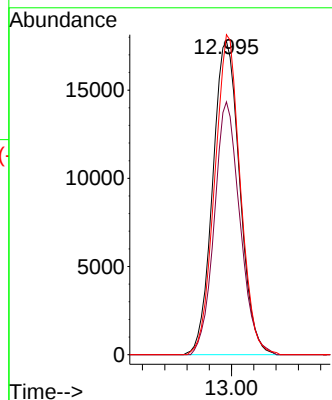
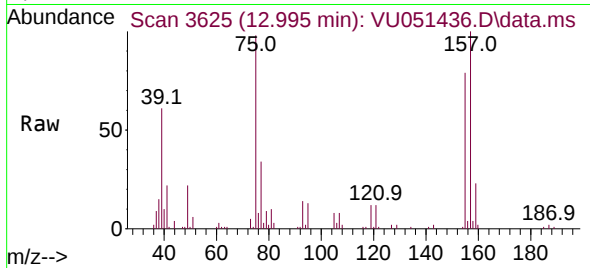




#86
 1,2-Dibromo-3-Chloropropane
 Concen: 11.668 ug/l
 RT: 12.995 min Scan# 30
 Delta R.T. 0.003 min
 Lab File: VU051436.D
 Acq: 18 Oct 2022 11:50

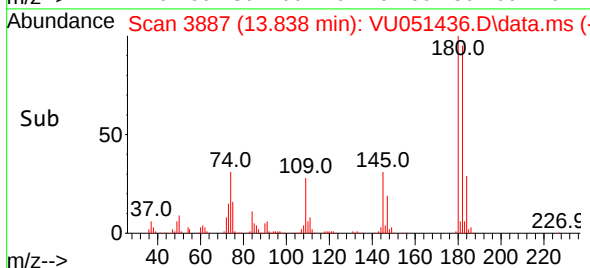
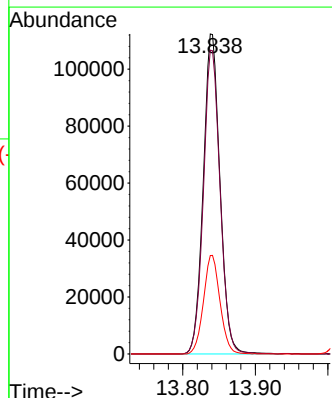
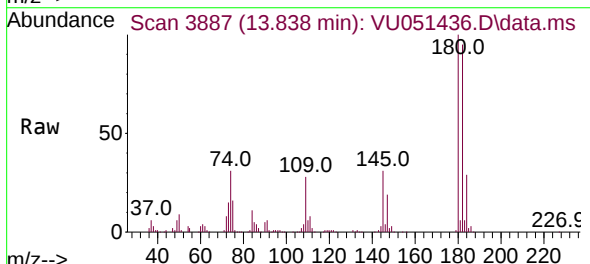
Instrument :
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 ClientSampleId :
 ICVVU101822

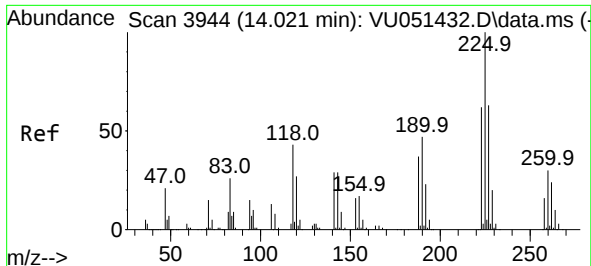
Tgt Ion: 75 Resp: 29932
 Ion Ratio Lower Upper
 75 100
 155 76.6 58.5 87.7
 157 96.7 75.3 112.9



#87
 1,2,4-Trichlorobenzene
 Concen: 10.979 ug/l
 RT: 13.838 min Scan# 3887
 Delta R.T. -0.000 min
 Lab File: VU051436.D
 Acq: 18 Oct 2022 11:50

Tgt Ion:180 Resp: 179835
 Ion Ratio Lower Upper
 180 100
 182 95.0 75.9 113.9
 145 30.4 24.9 37.3

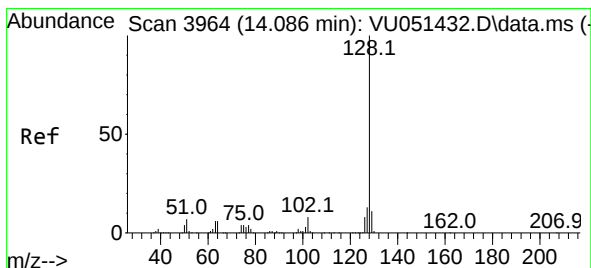
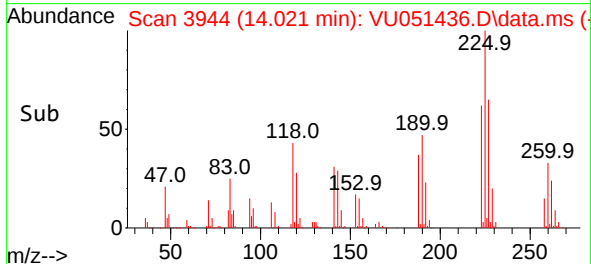
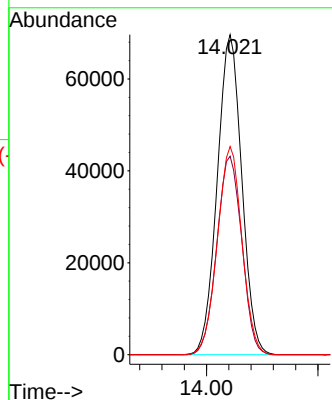
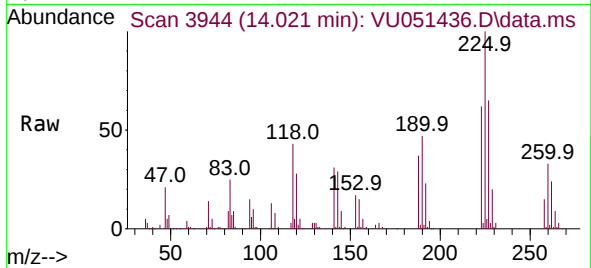




#88
Hexachlorobutadiene
Concen: 9.991 ug/l
RT: 14.021 min Scan# 3944
Delta R.T. 0.000 min
Lab File: VU051436.D
Acq: 18 Oct 2022 11:50

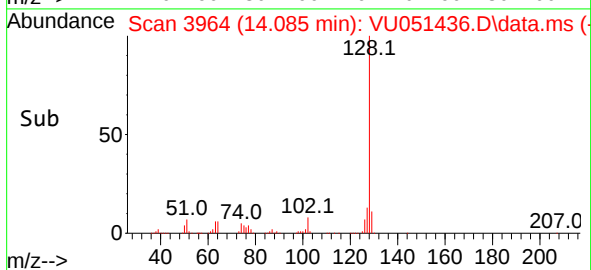
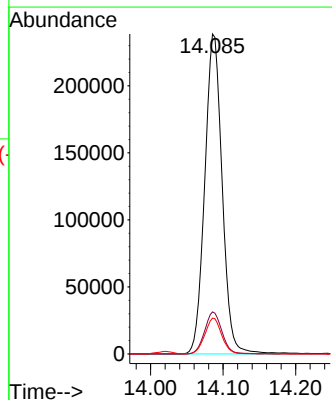
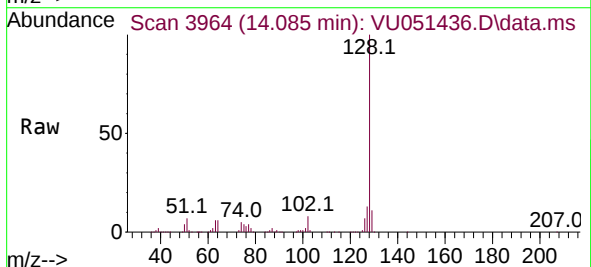
Instrument :
MSVOA_U
ClientSampleId :
ICVVU101822

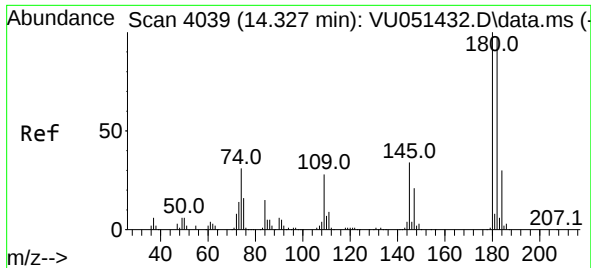
Tgt Ion:225 Resp: 106686
Ion Ratio Lower Upper
225 100
223 63.0 50.1 75.1
227 65.0 51.4 77.2



#89
Naphthalene
Concen: 11.601 ug/l
RT: 14.085 min Scan# 3964
Delta R.T. -0.001 min
Lab File: VU051436.D
Acq: 18 Oct 2022 11:50

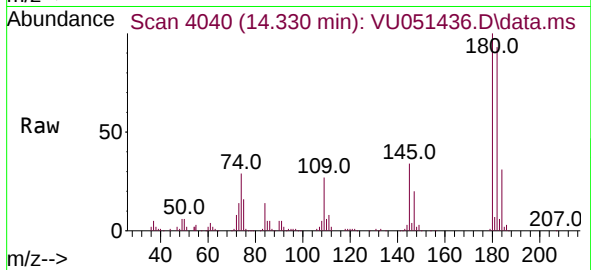
Tgt Ion:128 Resp: 397598
Ion Ratio Lower Upper
128 100
127 13.0 10.7 16.1
129 11.0 8.4 12.6





#90
 1,2,3-Trichlorobenzene
 Concen: 10.389 ug/l
 RT: 14.330 min Scan# 40
 Delta R.T. 0.003 min
 Lab File: VU051436.D
 Acq: 18 Oct 2022 11:50

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU101822



Tgt Ion:180 Resp: 186144
 Ion Ratio Lower Upper
 180 100
 182 94.0 75.8 113.6
 145 33.3 26.6 39.8

