

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091622\
 Data File : VU050727.D
 Acq On : 16 Sep 2022 16:50
 Operator : JC/MD
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 17 01:08:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U081922DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Aug 25 14:01:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.115	96	35207	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.632	95	22350	1.864	ug/l	0.00
Spiked Amount 1.000			Recovery	=	186.000%	
68) 1,2-Dichlorobenzene-d4	12.192	152	13624	0.961	ug/l	0.00
Spiked Amount 1.000			Recovery	=	96.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	149011	10.219	ug/l	100
3) Chloromethane	1.520	50	139488	7.865	ug/l	98
4) Vinyl Chloride	1.604	62	136506	9.006	ug/l	100
5) Bromomethane	1.851	94	68002	10.965	ug/l	96
6) Chloroethane	1.932	64	77649	8.471	ug/l	99
7) Trichlorofluoromethane	2.137	101	165354	8.743	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.581	101	95186	8.999	ug/l	94
9) 1,1-Dichloroethene	2.581	96	85353	8.232	ug/l	95
10) Iodomethane	2.719	142	94803	11.088	ug/l	99
11) Allyl Chloride	2.922	41	142945	8.944	ug/l	93
12) Acrylonitrile	3.314	53	74500	23.956	ug/l	97
13) Acetone	2.623	43	130452	59.977	ug/l	95
14) Carbon Disulfide	2.790	76	236731	7.370	ug/l	99
15) Methylene Chloride	3.044	84	129506	9.231	ug/l	95
16) trans-1,2-Dichloroethene	3.349	96	90985	8.491	ug/l	98
17) 1,1-Dichloroethane	3.867	63	207726	9.307	ug/l	100
18) 2-Butanone	4.710	43	230116	67.267	ug/l	99
19) Cyclohexane	5.388	56	134792	8.321	ug/l	90
20) Methylcyclohexane	6.761	83	145493	11.395	ug/l	96
21) 2,2-Dichloropropane	4.665	77	151108	8.907	ug/l	97
22) cis-1,2-Dichloroethene	4.668	96	114725	9.463	ug/l	99
23) Diethyl Ether	2.378	59	87065	9.775	ug/l	99
24) tert-Butyl Alcohol	3.186	59	134226	119.066	ug/l	98
25) Methyl tert-Butyl Ether	3.369	73	281428	10.217	ug/l	97
26) Bromochloromethane	4.973	128	57078	11.733	ug/l	98
27) Chloroform	5.089	83	209537	9.687	ug/l	95
28) 1,1,1-Trichloroethane	5.314	97	171042	9.267	ug/l	98
29) 1,1-Dichloropropene	5.523	75	142249	9.621	ug/l	100
30) Carbon Tetrachloride	5.523	117	142049	9.614	ug/l	95
31) Isopropyl Ether	3.999	45	279514	8.071	ug/l	88
32) Ethyl-t-butyl ether	4.510	59	258146	9.488	ug/l	100
33) Tert-Amyl methyl ether	5.944	73	250114	14.102	ug/l	98
34) Propionitrile	4.777	54	74366	73.595	ug/l	97
35) Benzene	5.774	78	452286	10.407	ug/l	98
36) 1,2-Dichloroethane	5.796	62	145975	11.001	ug/l	99
37) Trichloroethene	6.542	130	99185	9.520	ug/l	95
38) 1,2-Dichloropropane	6.793	63	129972	11.141	ug/l	100
39) Methacrylonitrile	4.976	41	46862	11.302	ug/l	91
40) Methyl acrylate	4.848	55	77354	12.248	ug/l	99
41) Tetrahydrofuran	5.060	42	54391	26.199	ug/l	99
42) 1-Chlorobutane	5.459	56	205435	9.758	ug/l	96
43) Dibromomethane	6.918	93	71573	11.382	ug/l	96
44) Bromodichloromethane	7.105	83	158267	10.666	ug/l	96

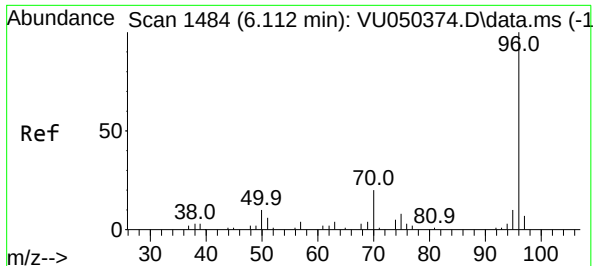
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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Aug 25 14:01:59 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.793	43	498956	79.046	ug/l	98
46) t-1,4-Dichloro-2-butene	10.825	75	173149	45.254	ug/l #	46
47) Methyl methacrylate	6.963	69	146774	24.651	ug/l	93
48) Ethyl methacrylate	8.336	69	119877	11.173	ug/l	93
49) Toluene	7.970	92	261796	11.212	ug/l	95
50) t-1,3-Dichloropropene	8.211	75	142216	12.308	ug/l	100
51) cis-1,3-Dichloropropene	7.610	75	150858	11.405	ug/l	96
52) 1,1,2-Trichloroethane	8.401	97	106165	11.487	ug/l	98
53) 1,3-Dichloropropane	8.578	76	174459	11.986	ug/l	99
54) 2-Hexanone	8.687	43	349747	79.562	ug/l	100
55) Dibromochloromethane	8.809	129	109707	10.791	ug/l	100
56) 1,2-Dibromoethane	8.925	107	97682	11.768	ug/l	100
58) Tetrachloroethene	8.552	164	89476	9.126	ug/l	99
59) Chlorobenzene	9.446	112	267778	10.627	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.536	131	106112	10.019	ug/l	98
61) Pentachloroethane	11.426	117	91922	10.429	ug/l	93
62) Hexachloroethane	12.475	117	77852	10.619	ug/l	96
63) Ethyl Benzene	9.571	91	448256	8.861	ug/l	100
64) m/p-Xylenes	9.693	106	373198	18.524	ug/l	98
65) o-Xylene	10.102	106	169757	9.059	ug/l	98
66) Styrene	10.115	104	303583	9.097	ug/l	98
67) Bromoform	10.291	173	68148	11.803	ug/l	99
69) Isopropylbenzene	10.484	105	439443	8.889	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.783	83	159090	12.508	ug/l	99
71) 1,2,3-Trichloropropane	10.825	75	173149	18.103	ug/l	75
72) Bromobenzene	10.783	156	112846	10.373	ug/l	96
73) n-propylbenzene	10.905	120	119439	8.671	ug/l	97
74) 2-Chlorotoluene	10.986	126	115253	9.184	ug/l	100
75) 1,3,5-Trimethylbenzene	11.089	105	399536	9.023	ug/l	99
76) 4-Chlorotoluene	11.098	126	119962	9.166	ug/l	95
77) tert-Butylbenzene	11.420	119	366542	8.802	ug/l	99
78) 1,2,4-Trimethylbenzene	11.468	105	405254	8.772	ug/l	98
79) sec-Butylbenzene	11.645	105	478896	8.433	ug/l	98
80) Nitrobenzene	13.208	77	37636	54.544	ug/l	95
81) p-Isopropyltoluene	11.793	119	366195	7.941	ug/l	99
82) 1,3-Dichlorobenzene	11.745	146	229767	10.257	ug/l	100
83) 1,4-Dichlorobenzene	11.835	146	229659	10.313	ug/l	98
84) n-Butylbenzene	12.208	91	324871	7.714	ug/l	96
85) 1,2-Dichlorobenzene	12.211	146	228214	10.364	ug/l	98
86) 1,2-Dibromo-3-Chloropr...	12.995	75	24186	12.050	ug/l	96
87) 1,2,4-Trichlorobenzene	13.841	180	119334	9.498	ug/l	99
88) Hexachlorobutadiene	14.021	225	68767	8.410	ug/l	98
89) Naphthalene	14.089	128	256921	7.778	ug/l	99
90) 1,2,3-Trichlorobenzene	14.330	180	130905	8.160	ug/l	99

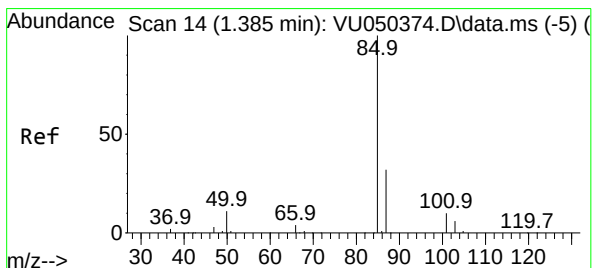
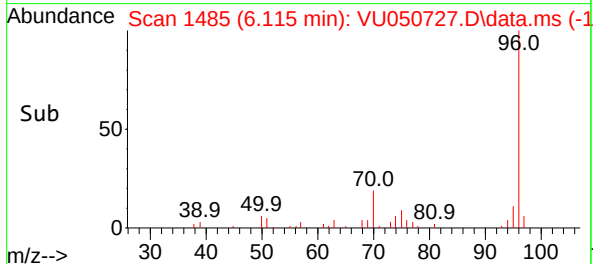
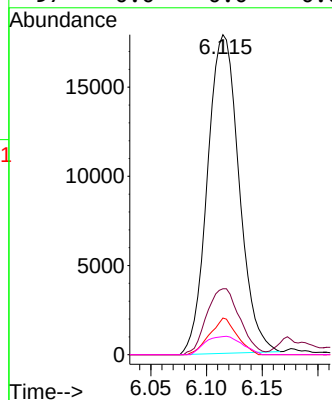
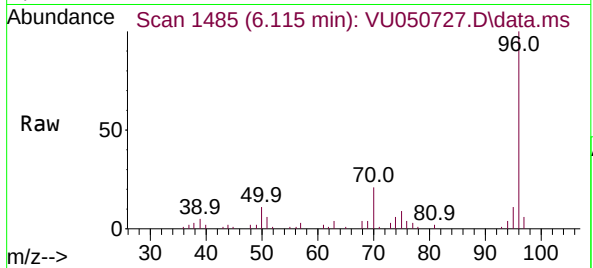
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.115 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU050727.D
Acq: 16 Sep 2022 16:50

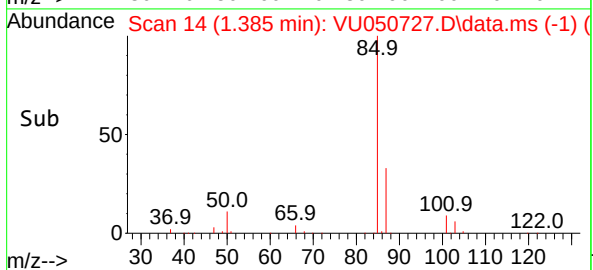
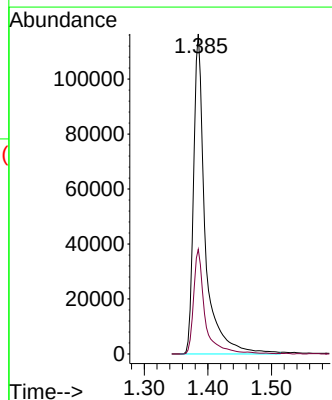
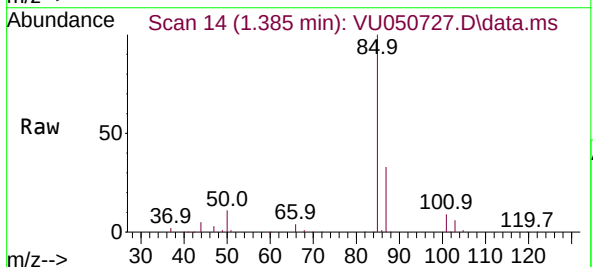
Instrument :
MSVOA_U
ClientSampleId :

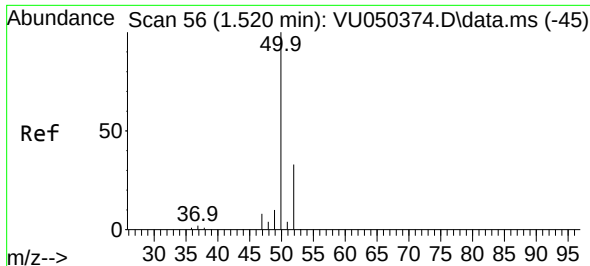
Tgt Ion: 96	Resp: 35207
Ion Ratio	Lower Upper
96 100	
70 20.8	16.7 25.1
95 9.9	7.4 11.0
97 0.0	0.0 0.0



#2
Dichlorodifluoromethane
Concen: 10.219 ug/l
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU050727.D
Acq: 16 Sep 2022 16:50

Tgt Ion: 85	Resp: 149011
Ion Ratio	Lower Upper
85 100	
87 32.7	16.3 48.8

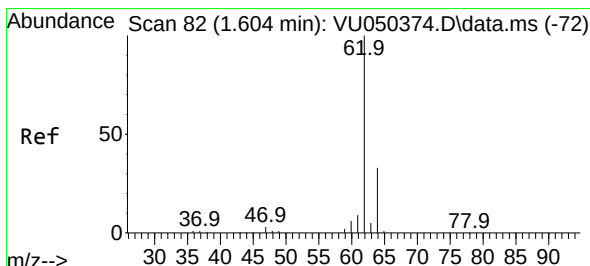
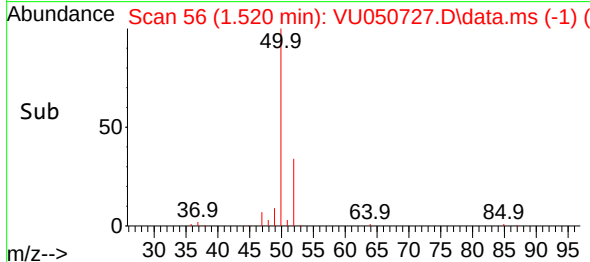
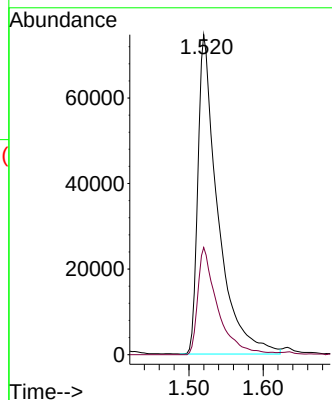
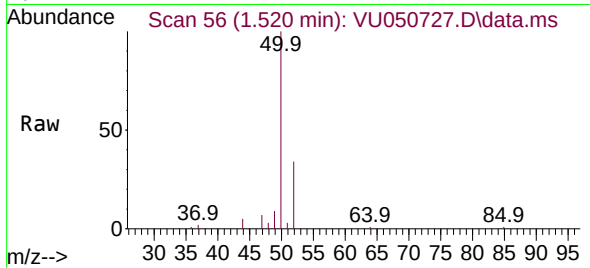




#3
Chloromethane
Concen: 7.865 ug/l
RT: 1.520 min Scan# 50
Delta R.T. -0.000 min
Lab File: VU050727.D
Acq: 16 Sep 2022 16:50

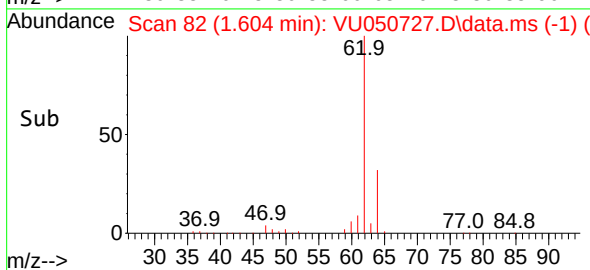
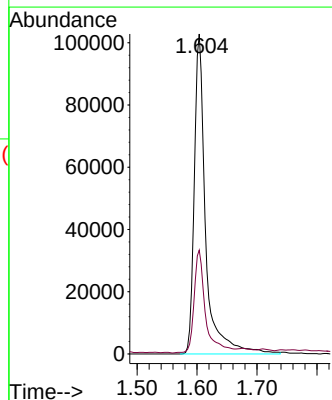
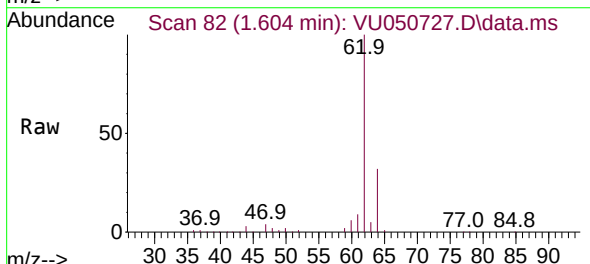
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ClientSampleId :

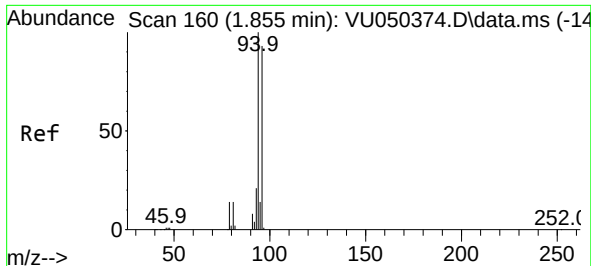
Tgt Ion: 50 Resp: 139488
Ion Ratio Lower Upper
50 100
52 33.6 26.1 39.1



#4
Vinyl Chloride
Concen: 9.006 ug/l
RT: 1.604 min Scan# 82
Delta R.T. -0.000 min
Lab File: VU050727.D
Acq: 16 Sep 2022 16:50

Tgt Ion: 62 Resp: 136506
Ion Ratio Lower Upper
62 100
64 31.9 25.5 38.3

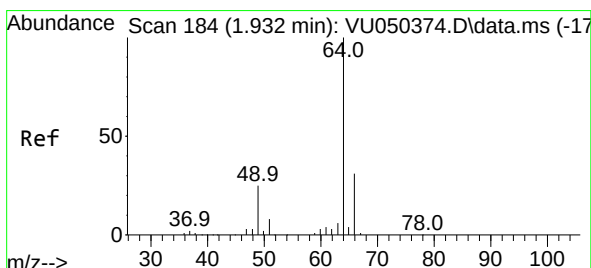
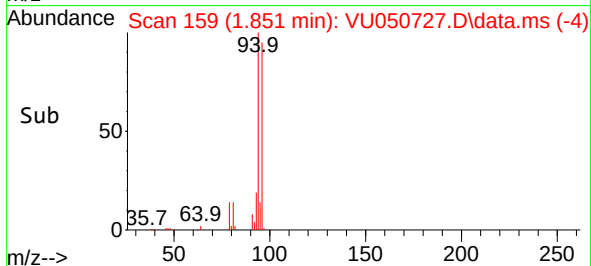
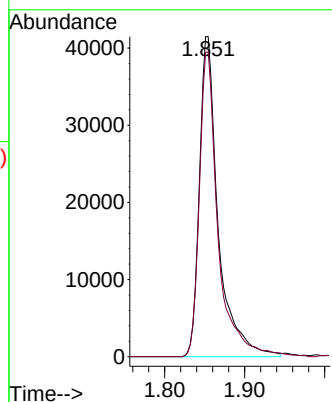
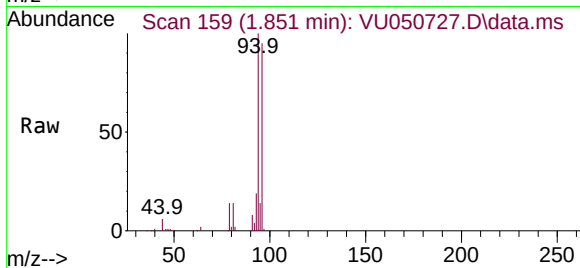




#5
Bromomethane
Concen: 10.965 ug/l
RT: 1.851 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU050727.D
Acq: 16 Sep 2022 16:50

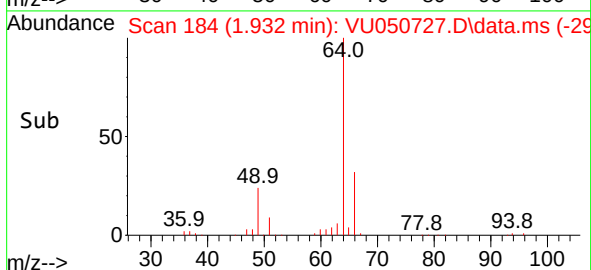
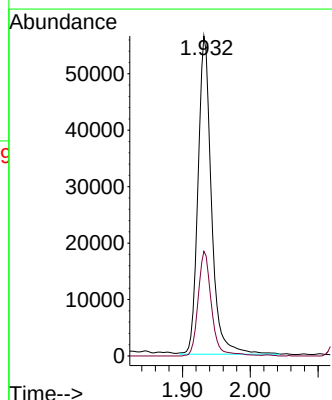
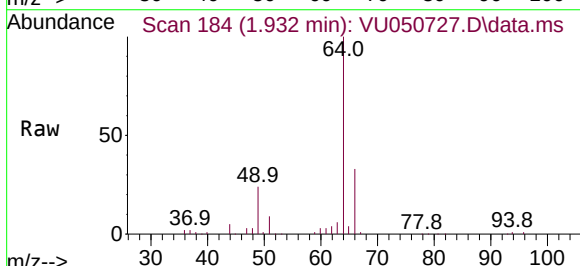
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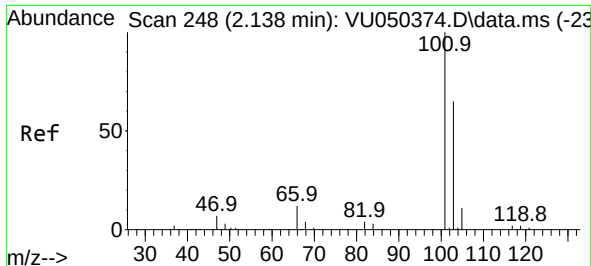
Tgt Ion: 94 Resp: 68002
Ion Ratio Lower Upper
94 100
96 95.1 73.0 109.6



#6
Chloroethane
Concen: 8.471 ug/l
RT: 1.932 min Scan# 184
Delta R.T. -0.000 min
Lab File: VU050727.D
Acq: 16 Sep 2022 16:50

Tgt Ion: 64 Resp: 77649
Ion Ratio Lower Upper
64 100
66 32.9 25.8 38.6

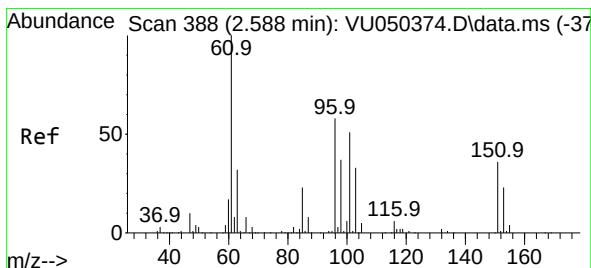
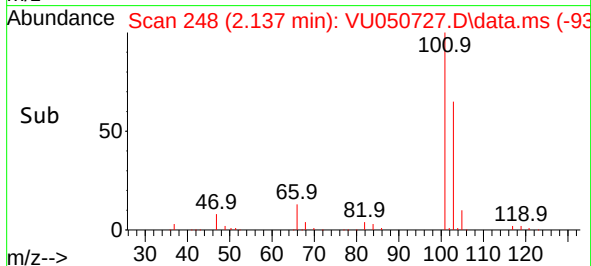
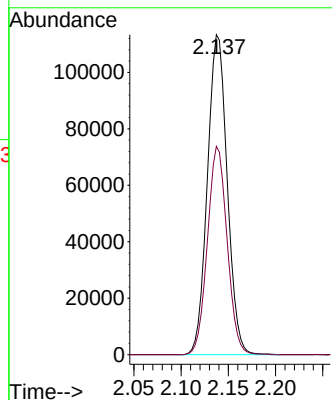
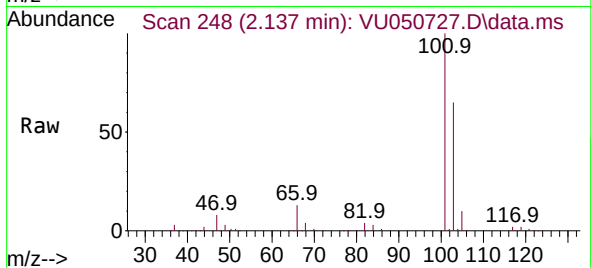




#7
 Trichlorofluoromethane
 Concen: 8.743 ug/l
 RT: 2.137 min Scan# 24
 Delta R.T. -0.000 min
 Lab File: VU050727.D
 Acq: 16 Sep 2022 16:50

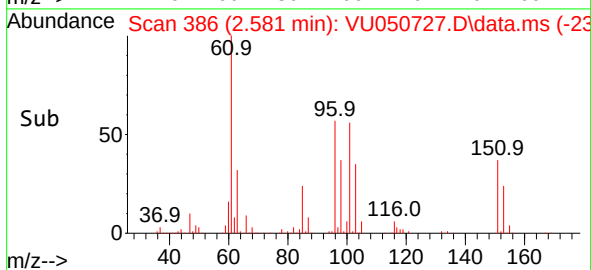
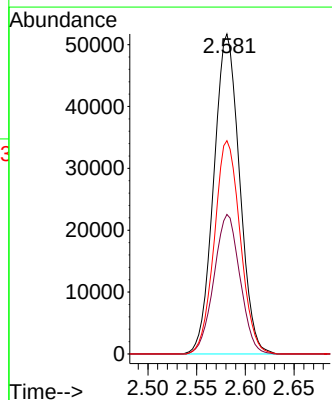
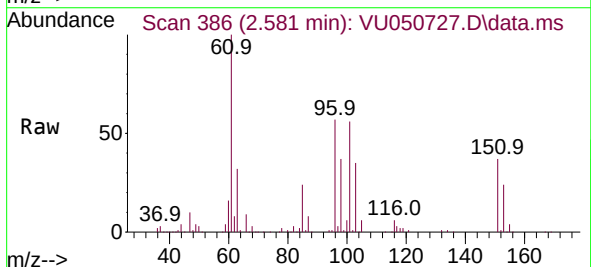
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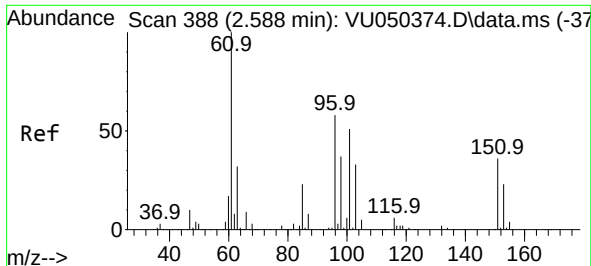
Tgt Ion:101 Resp: 165354
 Ion Ratio Lower Upper
 101 100
 103 65.1 51.8 77.6



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 8.999 ug/l
 RT: 2.581 min Scan# 386
 Delta R.T. -0.000 min
 Lab File: VU050727.D
 Acq: 16 Sep 2022 16:50

Tgt Ion:101 Resp: 95186
 Ion Ratio Lower Upper
 101 100
 85 44.1 36.4 54.6
 151 67.2 59.1 88.7

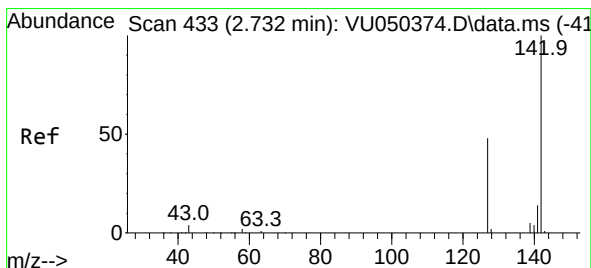
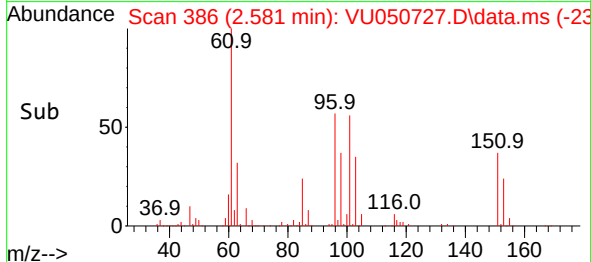
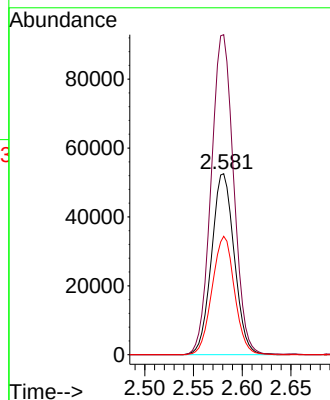
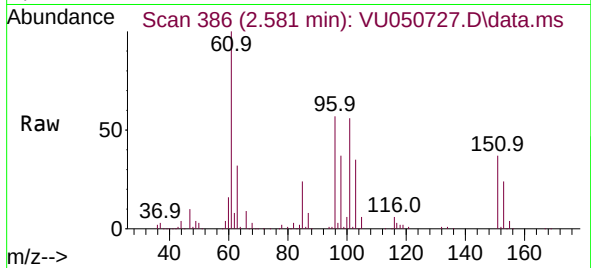




#9
1,1-Dichloroethene
Concen: 8.232 ug/l
RT: 2.581 min Scan# 388
Delta R.T. 0.003 min
Lab File: VU050727.D
Acq: 16 Sep 2022 16:50

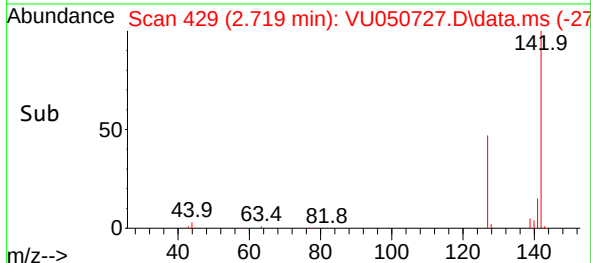
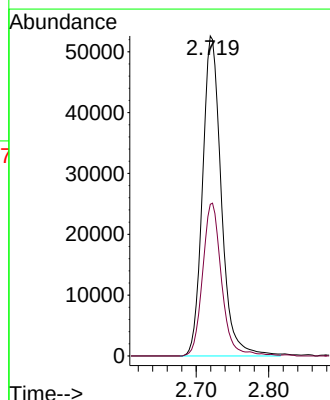
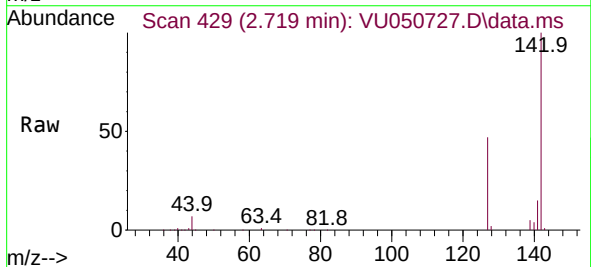
Instrument :
MSVOA_U
ClientSampleId :

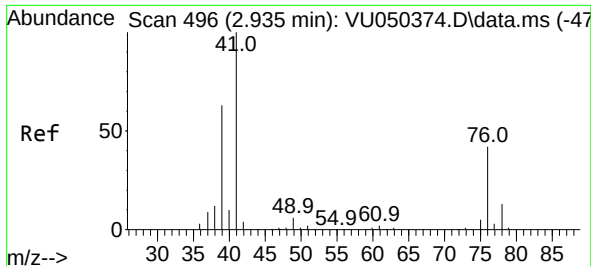
Tgt Ion: 96 Resp: 85353
Ion Ratio Lower Upper
96 100
61 176.8 0.0 510.6
98 65.4 0.0 124.6



#10
Iodomethane
Concen: 11.088 ug/l
RT: 2.719 min Scan# 429
Delta R.T. -0.000 min
Lab File: VU050727.D
Acq: 16 Sep 2022 16:50

Tgt Ion: 142 Resp: 94803
Ion Ratio Lower Upper
142 100
127 48.2 38.2 57.2

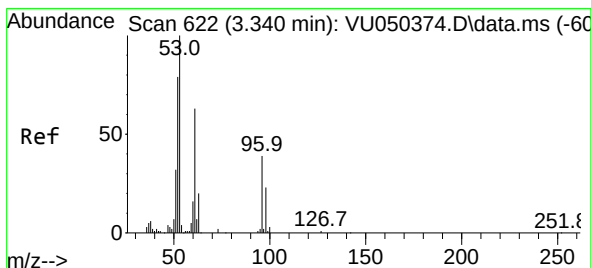
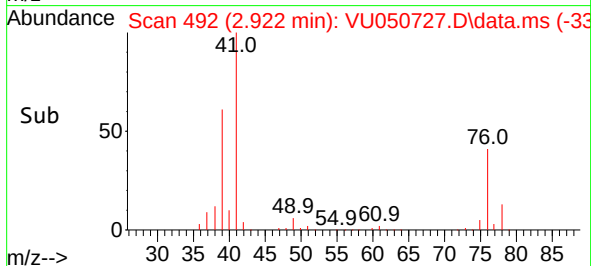
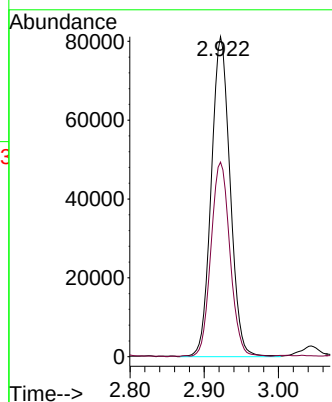
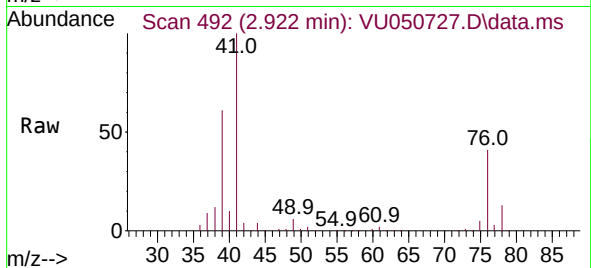




#11
 Allyl Chloride
 Concen: 8.944 ug/l
 RT: 2.922 min Scan# 491
 Delta R.T. -0.000 min
 Lab File: VU050727.D
 Acq: 16 Sep 2022 16:50

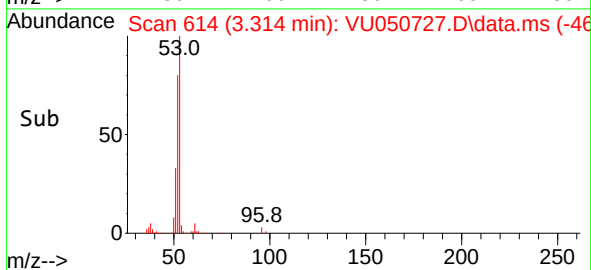
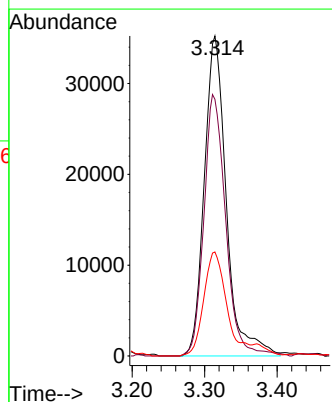
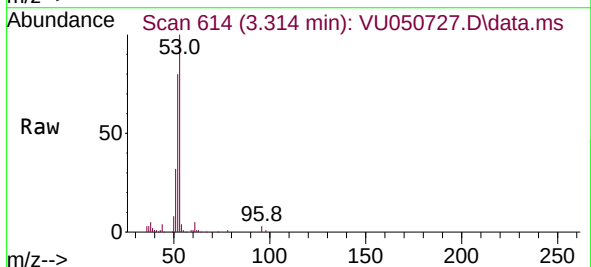
Instrument :
 MSVOA_U
 ClientSampleId :

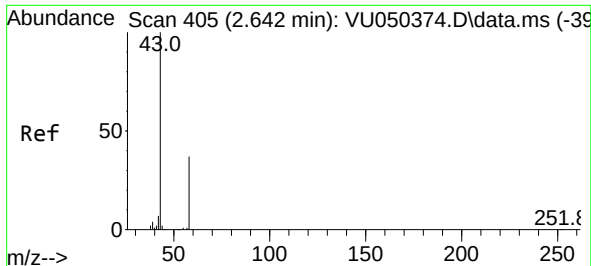
Tgt Ion: 41 Resp: 142945
 Ion Ratio Lower Upper
 41 100
 39 60.8 53.2 79.8



#12
 Acrylonitrile
 Concen: 23.956 ug/l
 RT: 3.314 min Scan# 614
 Delta R.T. -0.003 min
 Lab File: VU050727.D
 Acq: 16 Sep 2022 16:50

Tgt Ion: 53 Resp: 74500
 Ion Ratio Lower Upper
 53 100
 52 80.9 64.6 97.0
 51 33.7 30.7 46.1

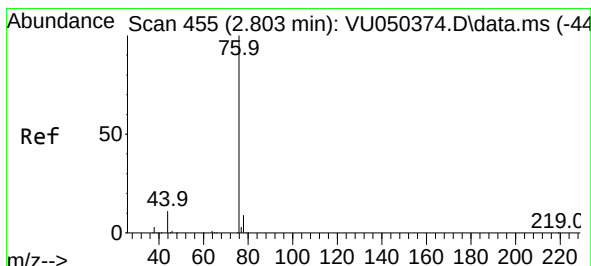
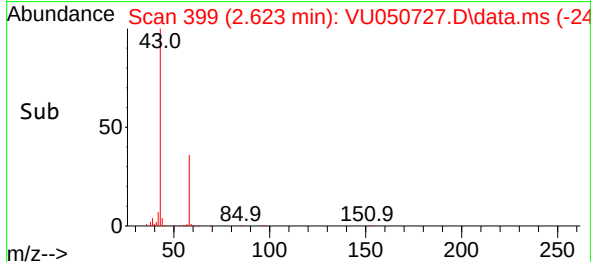
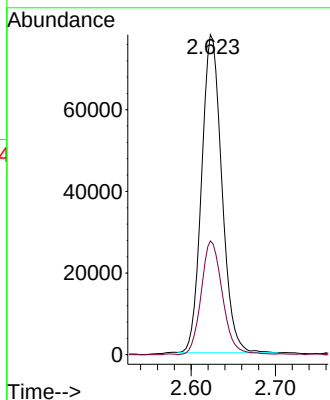
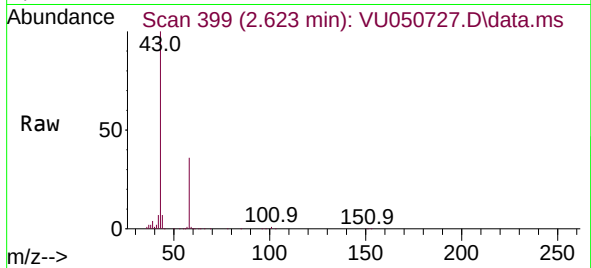




#13
Acetone
Concen: 59.977 ug/l
RT: 2.623 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU050727.D
Acq: 16 Sep 2022 16:50

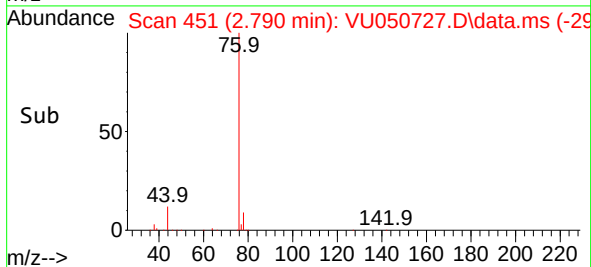
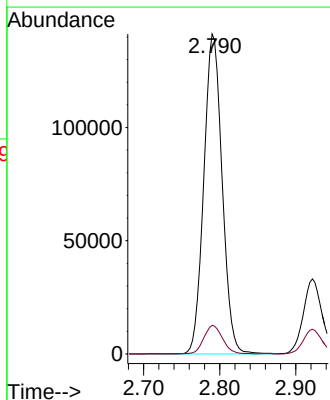
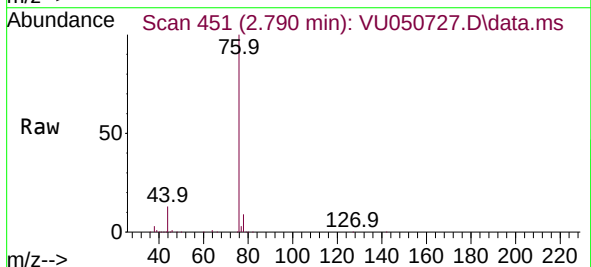
Instrument :
MSVOA_U
ClientSampleId :

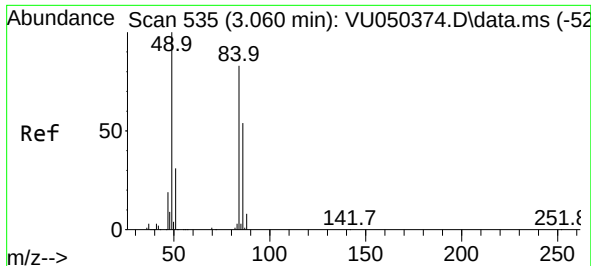
Tgt Ion: 43 Resp: 130452
Ion Ratio Lower Upper
43 100
58 35.8 26.2 39.2



#14
Carbon Disulfide
Concen: 7.370 ug/l
RT: 2.790 min Scan# 451
Delta R.T. -0.000 min
Lab File: VU050727.D
Acq: 16 Sep 2022 16:50

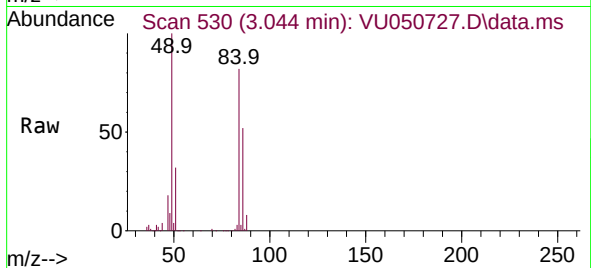
Tgt Ion: 76 Resp: 236731
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0



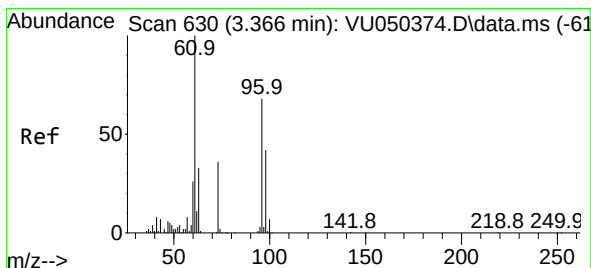
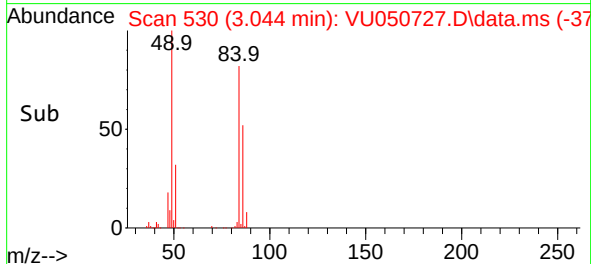
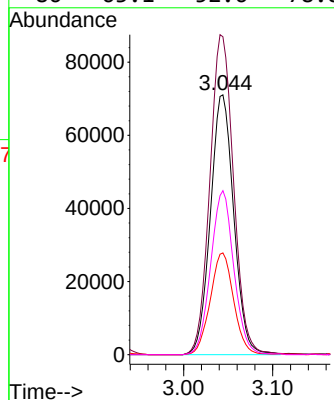


#15
Methylene Chloride
Concen: 9.231 ug/l
RT: 3.044 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU050727.D
Acq: 16 Sep 2022 16:50

Instrument :
MSVOA_U
ClientSampleId :

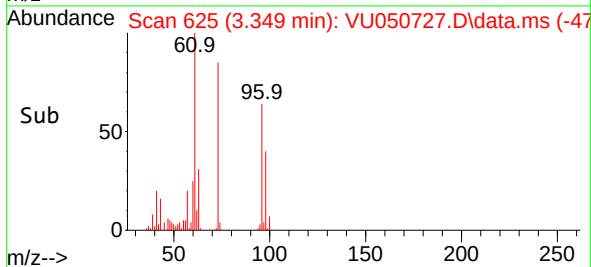
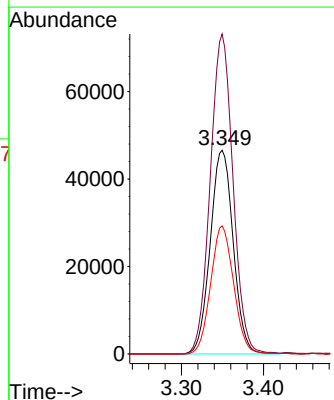
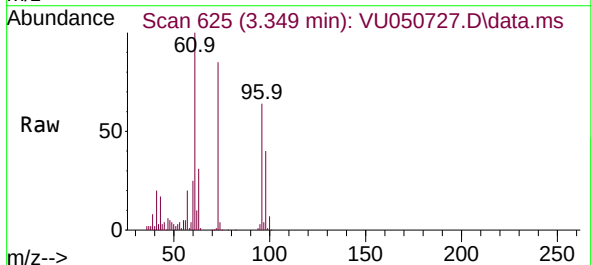


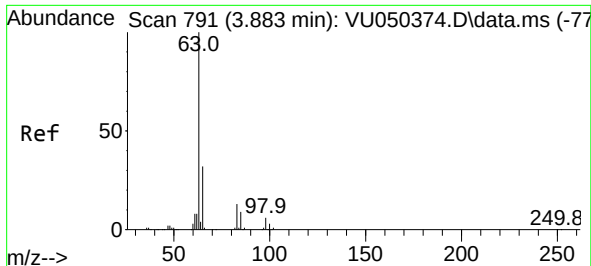
Tgt Ion: 84 Resp: 129506
Ion Ratio Lower Upper
84 100
49 122.3 104.6 157.0
51 39.2 0.0 81.4
86 63.1 52.6 78.8



#16
trans-1,2-Dichloroethene
Concen: 8.491 ug/l
RT: 3.349 min Scan# 625
Delta R.T. -0.000 min
Lab File: VU050727.D
Acq: 16 Sep 2022 16:50

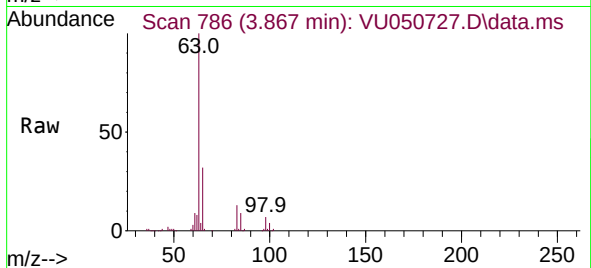
Tgt Ion: 96 Resp: 90985
Ion Ratio Lower Upper
96 100
61 157.1 123.4 185.0
98 62.9 51.6 77.4



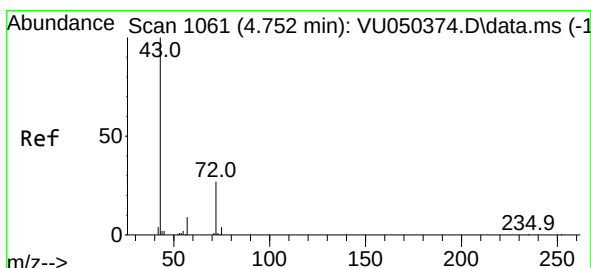
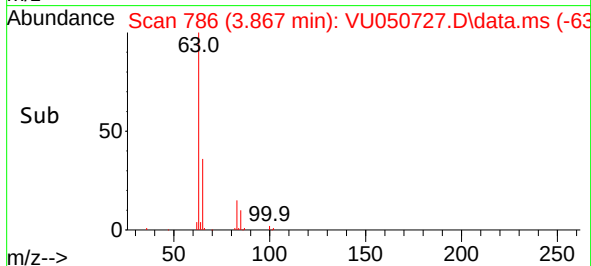
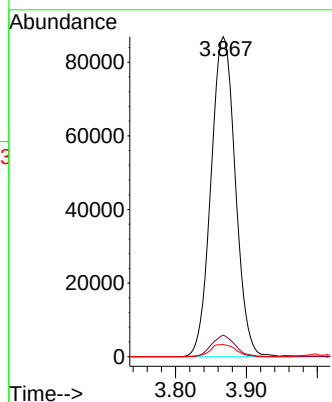


#17
 1,1-Dichloroethane
 Concen: 9.307 ug/l
 RT: 3.867 min Scan# 71
 Delta R.T. 0.003 min
 Lab File: VU050727.D
 Acq: 16 Sep 2022 16:50

Instrument :
 MSVOA_U
 ClientSampleId :

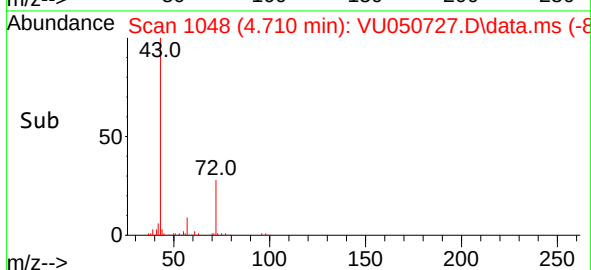
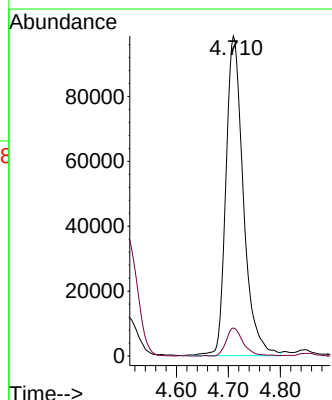
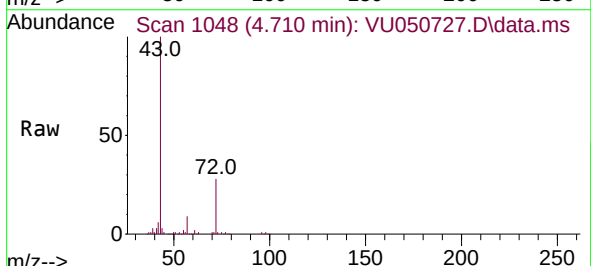


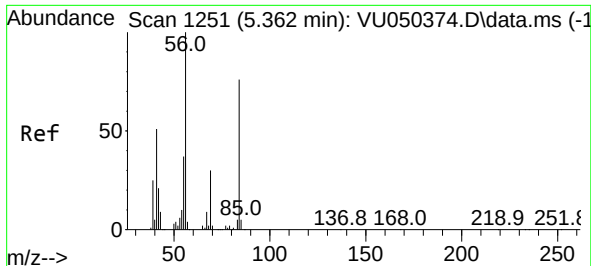
Tgt Ion: 63 Resp: 207726
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.4 10.2
 100 3.8 2.0 6.0



#18
 2-Butanone
 Concen: 67.267 ug/l
 RT: 4.710 min Scan# 1048
 Delta R.T. -0.010 min
 Lab File: VU050727.D
 Acq: 16 Sep 2022 16:50

Tgt Ion: 43 Resp: 230116
 Ion Ratio Lower Upper
 43 100
 57 8.6 0.0 18.0





#19

Cyclohexane

Concen: 8.321 ug/l

RT: 5.388 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU050727.D

Acq: 16 Sep 2022 16:50

Instrument :

MSVOA_U

ClientSampleId :

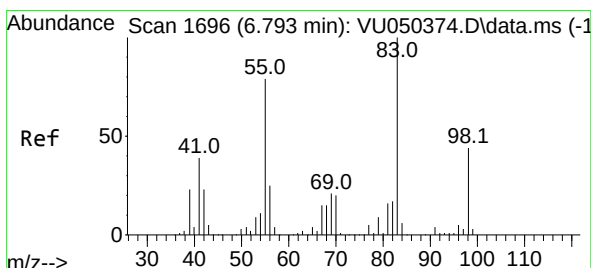
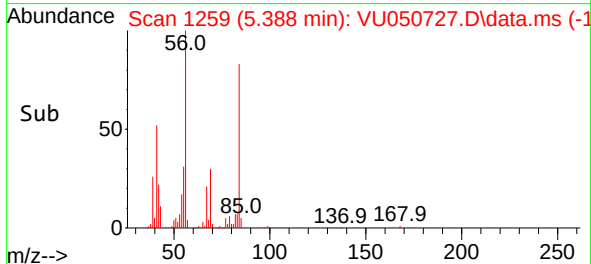
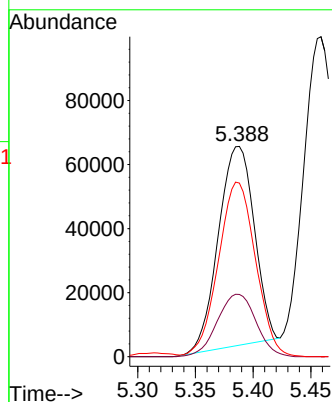
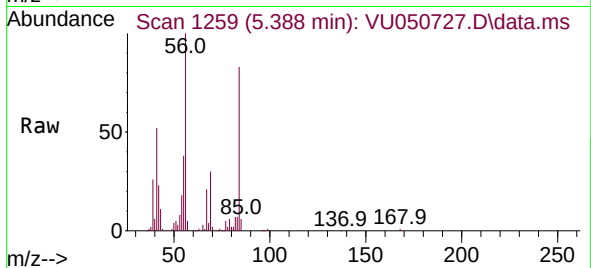
Tgt Ion: 56 Resp: 134792

Ion Ratio Lower Upper

56 100

69 33.8 24.2 36.4

84 89.8 63.4 95.2



#20

Methylcyclohexane

Concen: 11.395 ug/l

RT: 6.761 min Scan# 1686

Delta R.T. -0.000 min

Lab File: VU050727.D

Acq: 16 Sep 2022 16:50

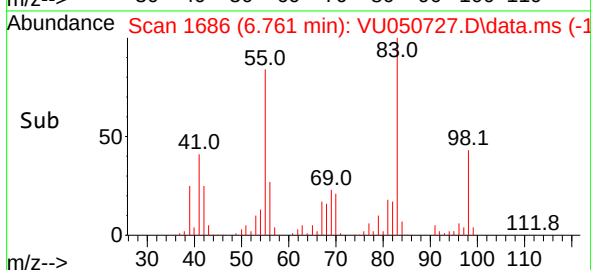
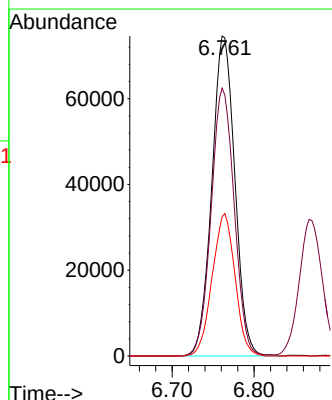
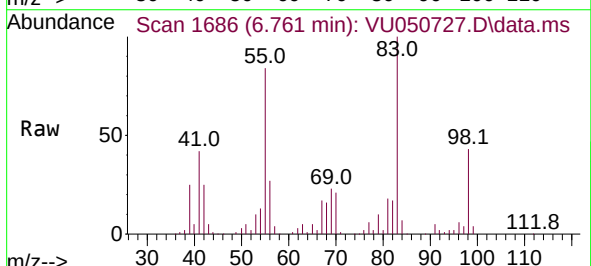
Tgt Ion: 83 Resp: 145493

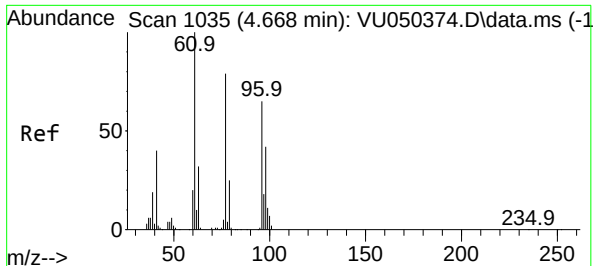
Ion Ratio Lower Upper

83 100

55 83.7 63.0 94.4

98 44.1 35.7 53.5





#21

2,2-Dichloropropane

Concen: 8.907 ug/l

RT: 4.665 min Scan# 1034

Delta R.T. -0.000 min

Lab File: VU050727.D

Acq: 16 Sep 2022 16:50

Instrument :

MSVOA_U

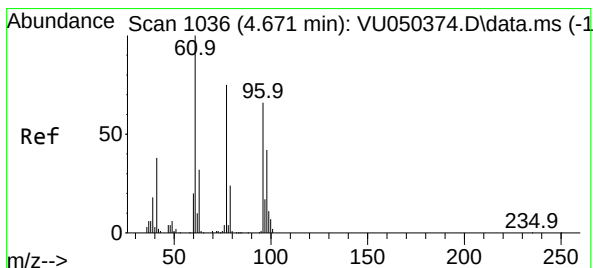
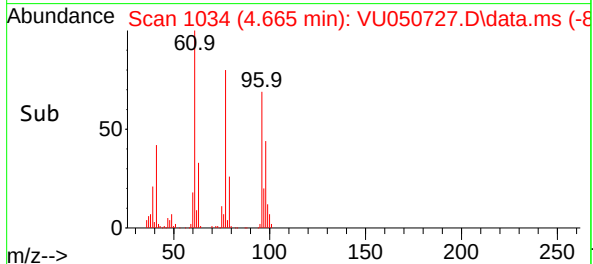
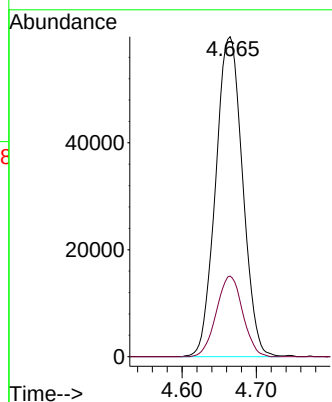
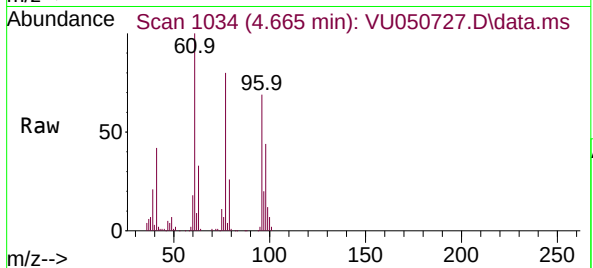
ClientSampleId :

Tgt Ion: 77 Resp: 151108

Ion Ratio Lower Upper

77 100

97 24.6 18.5 27.7



#22

cis-1,2-Dichloroethene

Concen: 9.463 ug/l

RT: 4.668 min Scan# 1035

Delta R.T. 0.003 min

Lab File: VU050727.D

Acq: 16 Sep 2022 16:50

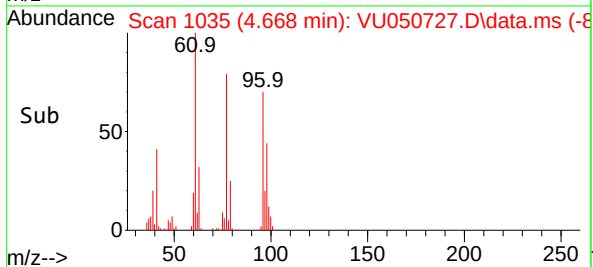
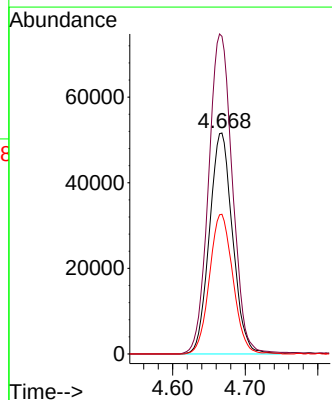
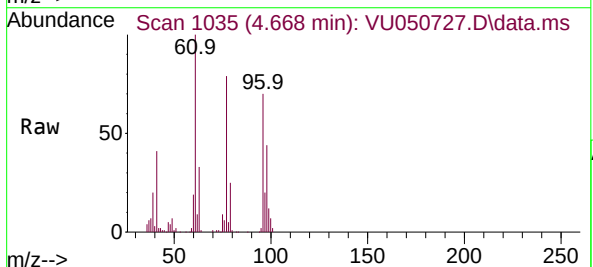
Tgt Ion: 96 Resp: 114725

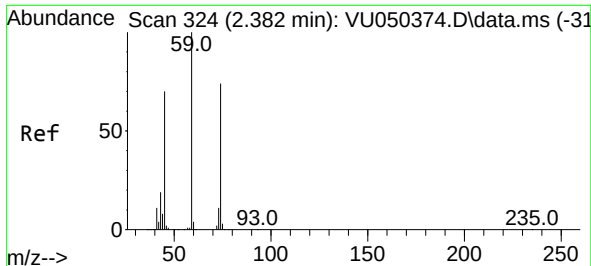
Ion Ratio Lower Upper

96 100

61 149.2 0.0 375.8

98 64.0 31.6 95.0

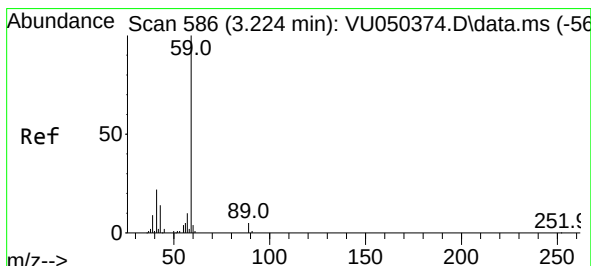
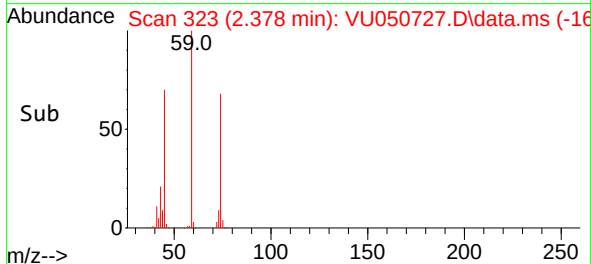
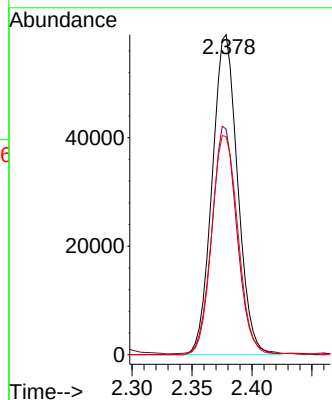
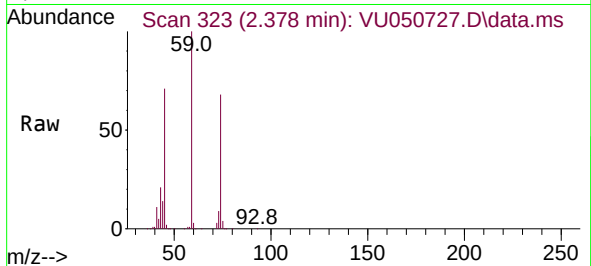




#23
Diethyl Ether
Concen: 9.775 ug/l
RT: 2.378 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU050727.D
Acq: 16 Sep 2022 16:50

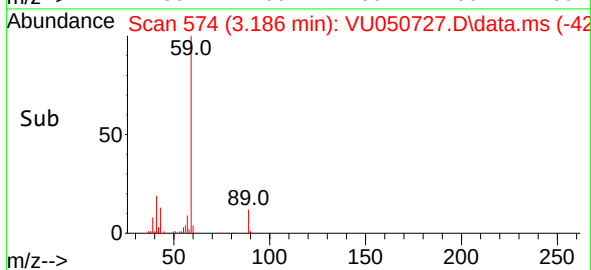
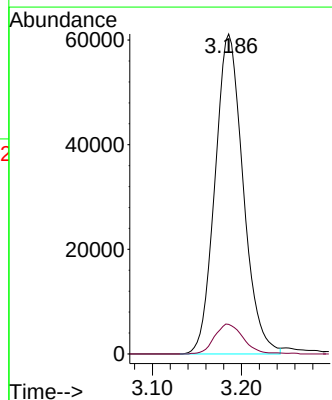
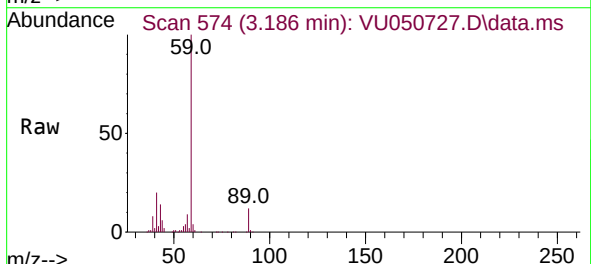
Instrument :
MSVOA_U
ClientSampleId :

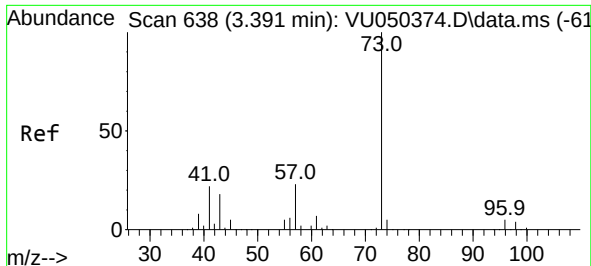
Tgt Ion: 59 Resp: 87065
Ion Ratio Lower Upper
59 100
45 70.1 56.0 84.0
74 70.8 57.6 86.4



#24
tert-Butyl Alcohol
Concen: 119.066 ug/l
RT: 3.186 min Scan# 574
Delta R.T. -0.009 min
Lab File: VU050727.D
Acq: 16 Sep 2022 16:50

Tgt Ion: 59 Resp: 134226
Ion Ratio Lower Upper
59 100
57 9.6 8.2 12.2

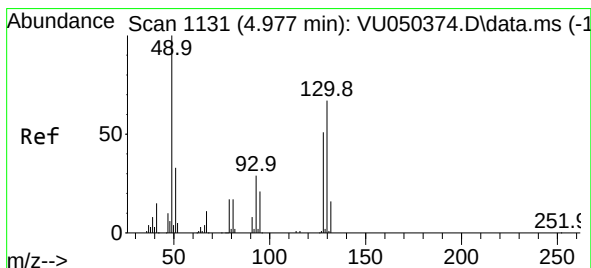
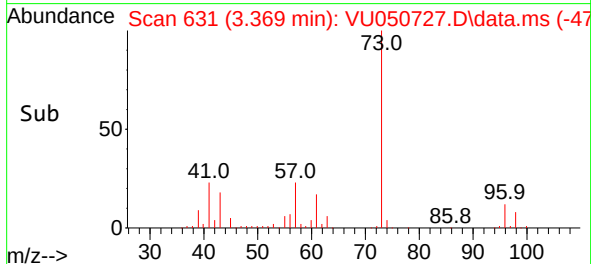
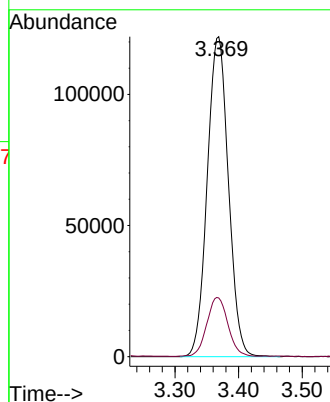
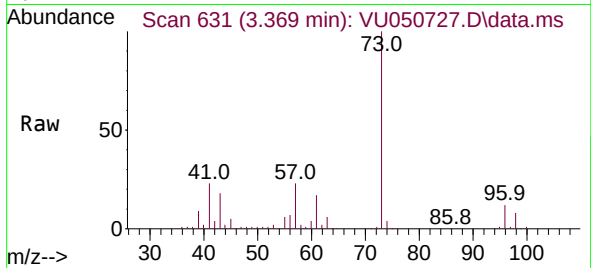




#25
Methyl tert-Butyl Ether
Concen: 10.217 ug/l
RT: 3.369 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU050727.D
Acq: 16 Sep 2022 16:50

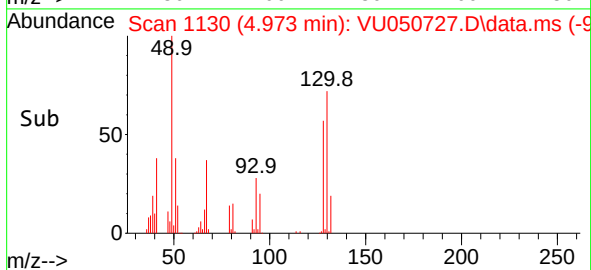
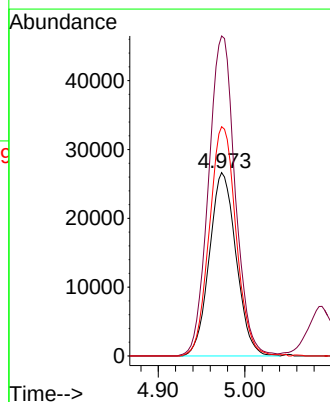
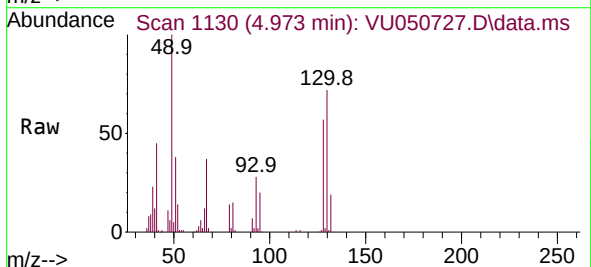
Instrument :
MSVOA_U
ClientSampleId :

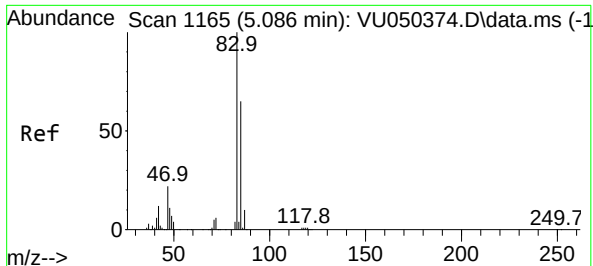
Tgt Ion: 73 Resp: 281428
Ion Ratio Lower Upper
73 100
43 18.3 15.9 23.9



#26
Bromochloromethane
Concen: 11.733 ug/l
RT: 4.973 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VU050727.D
Acq: 16 Sep 2022 16:50

Tgt Ion: 128 Resp: 57078
Ion Ratio Lower Upper
128 100
49 173.9 0.0 349.2
130 125.3 103.0 154.6





#27

Chloroform

Concen: 9.687 ug/l

RT: 5.089 min Scan# 1165

Delta R.T. -0.000 min

Lab File: VU050727.D

Acq: 16 Sep 2022 16:50

Instrument :

MSVOA_U

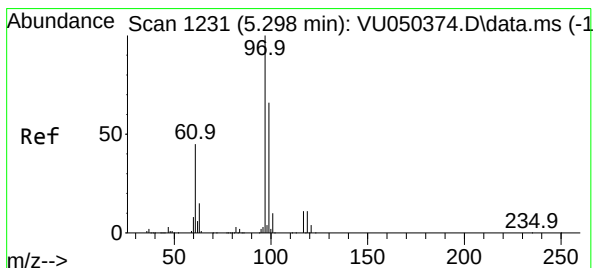
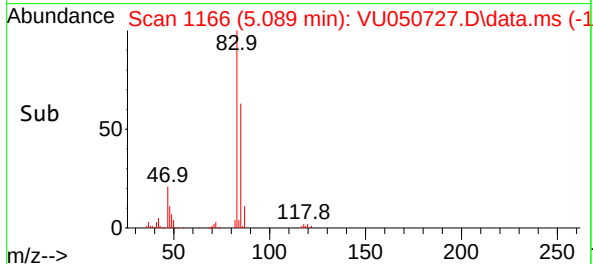
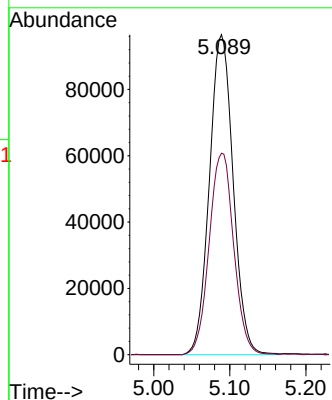
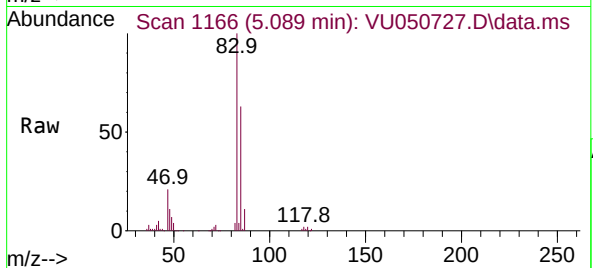
ClientSampleId :

Tgt Ion: 83 Resp: 209537

Ion Ratio Lower Upper

83 100

85 62.9 0.0 133.6



#28

1,1,1-Trichloroethane

Concen: 9.267 ug/l

RT: 5.314 min Scan# 1236

Delta R.T. -0.000 min

Lab File: VU050727.D

Acq: 16 Sep 2022 16:50

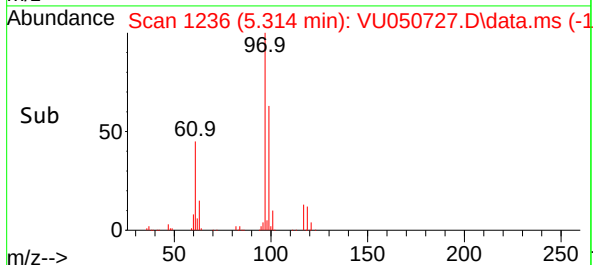
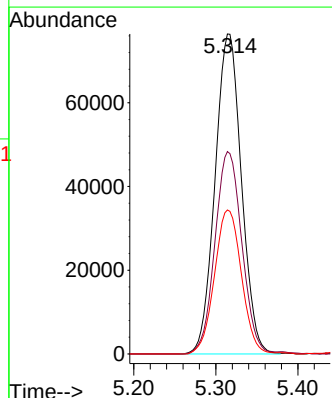
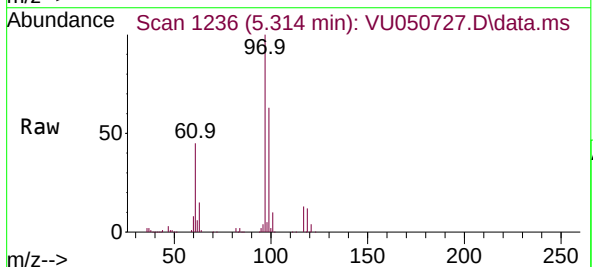
Tgt Ion: 97 Resp: 171042

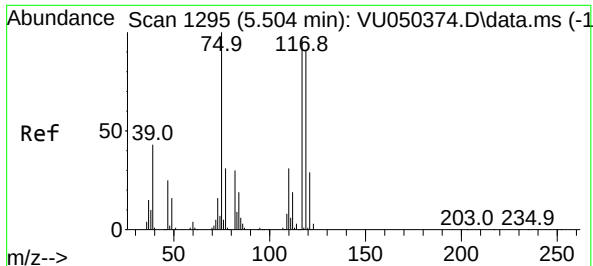
Ion Ratio Lower Upper

97 100

99 64.5 32.1 96.5

61 45.9 21.8 65.4





#29

1,1-Dichloropropene

Concen: 9.621 ug/l

RT: 5.523 min Scan# 1301

Delta R.T. -0.000 min

Lab File: VU050727.D

Acq: 16 Sep 2022 16:50

Instrument :

MSVOA_U

ClientSampleId :

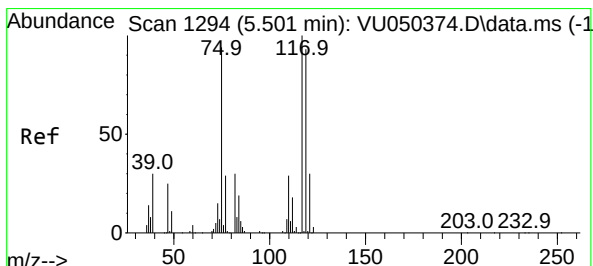
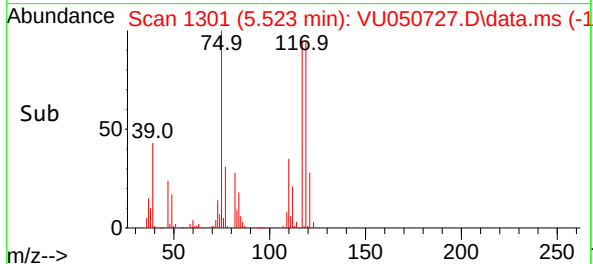
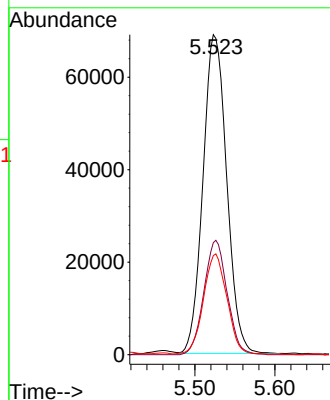
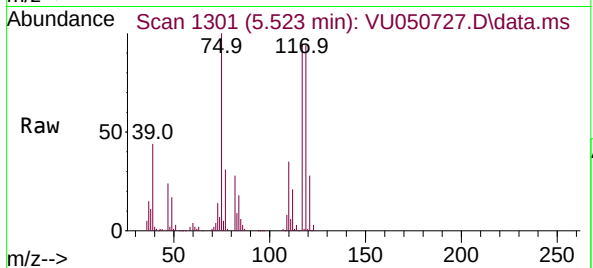
Tgt Ion: 75 Resp: 142249

Ion Ratio Lower Upper

75 100

110 35.2 17.3 52.0

77 30.9 24.6 37.0



#30

Carbon Tetrachloride

Concen: 9.614 ug/l

RT: 5.523 min Scan# 1301

Delta R.T. 0.003 min

Lab File: VU050727.D

Acq: 16 Sep 2022 16:50

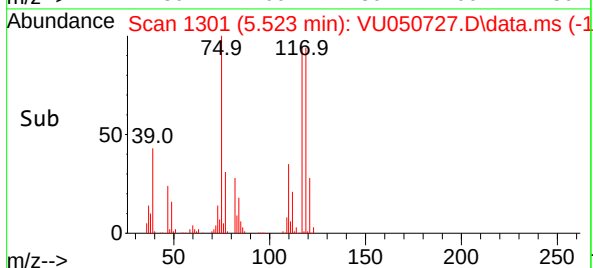
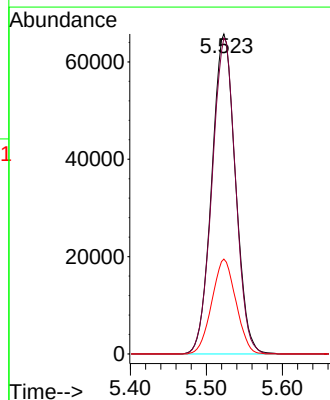
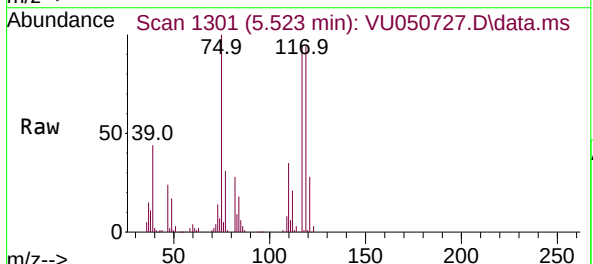
Tgt Ion: 117 Resp: 142049

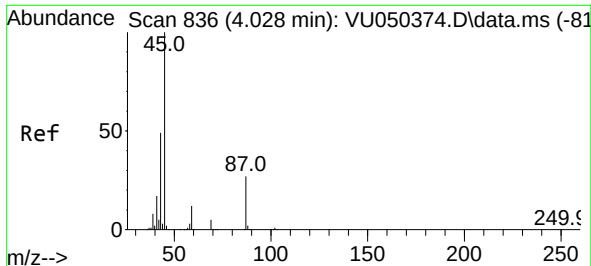
Ion Ratio Lower Upper

117 100

119 98.7 74.6 112.0

121 29.6 24.2 36.4

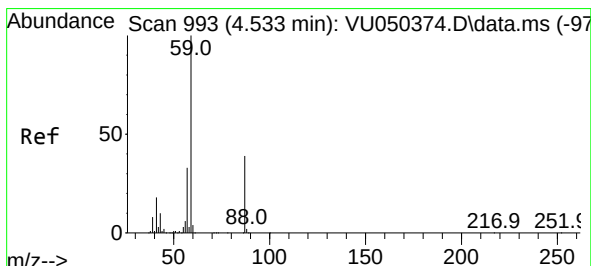
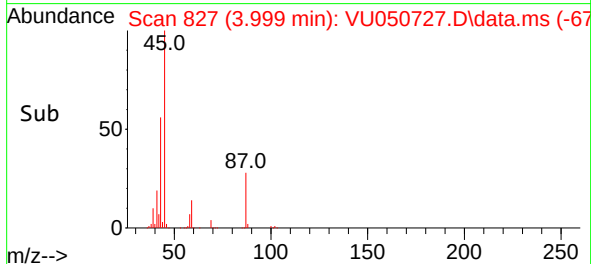
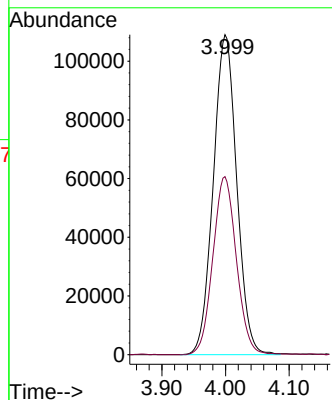
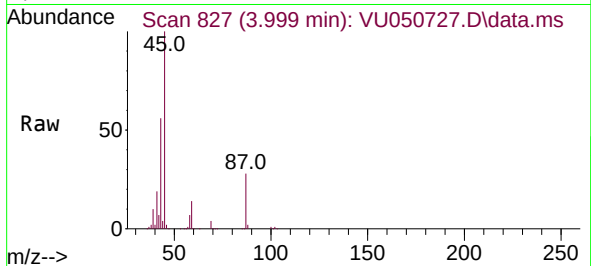




#31
Isopropyl Ether
Concen: 8.071 ug/l
RT: 3.999 min Scan# 81
Delta R.T. -0.003 min
Lab File: VU050727.D
Acq: 16 Sep 2022 16:50

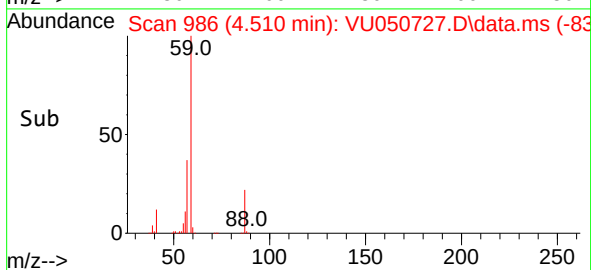
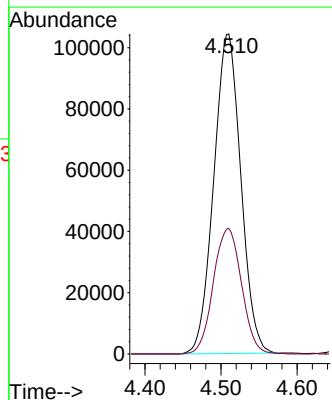
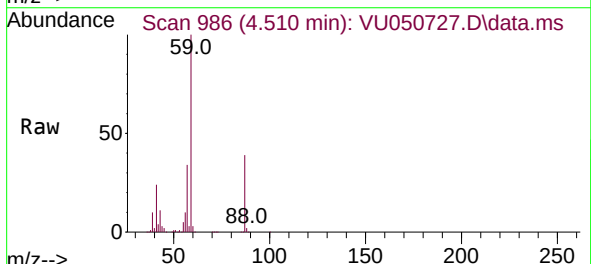
Instrument :
MSVOA_U
ClientSampleId :

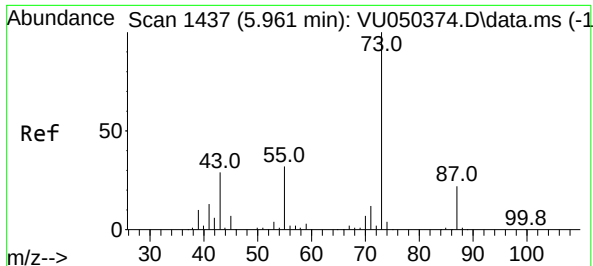
Tgt Ion: 45 Resp: 279514
Ion Ratio Lower Upper
45 100
43 55.8 23.8 71.2



#32
Ethyl-t-butyl ether
Concen: 9.488 ug/l
RT: 4.510 min Scan# 986
Delta R.T. -0.003 min
Lab File: VU050727.D
Acq: 16 Sep 2022 16:50

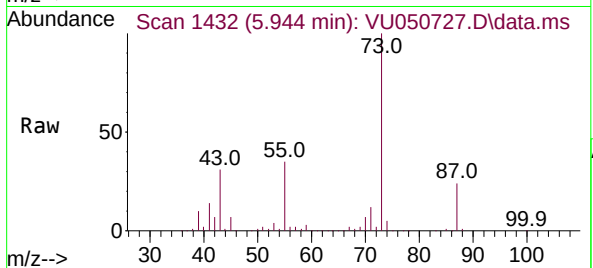
Tgt Ion: 59 Resp: 258146
Ion Ratio Lower Upper
59 100
87 40.8 32.5 48.7



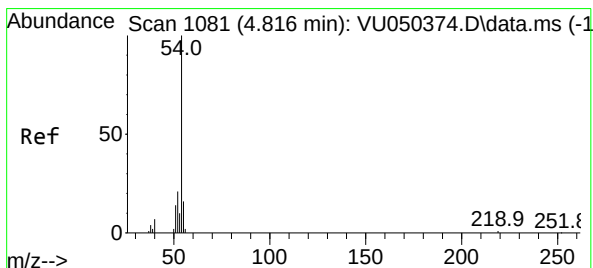
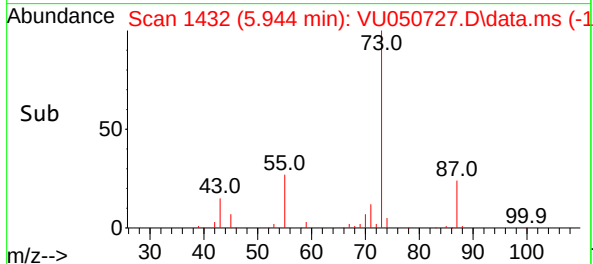
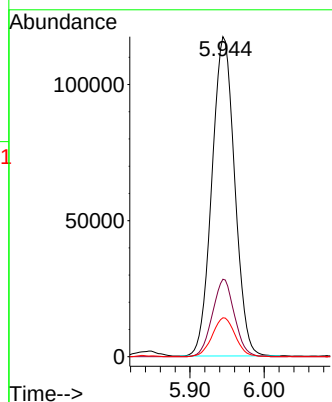


#33
Tert-Amyl methyl ether
Concen: 14.102 ug/l
RT: 5.944 min Scan# 14
Delta R.T. -0.003 min
Lab File: VU050727.D
Acq: 16 Sep 2022 16:50

Instrument :
MSVOA_U
ClientSampleId :

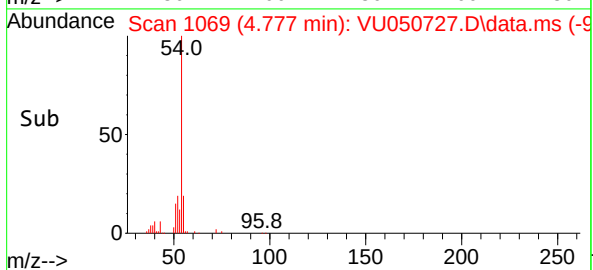
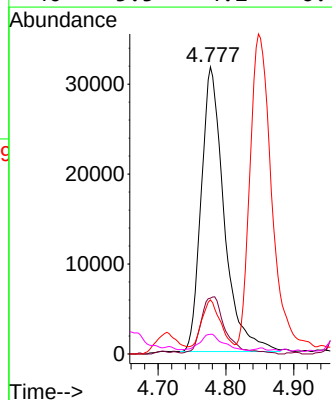
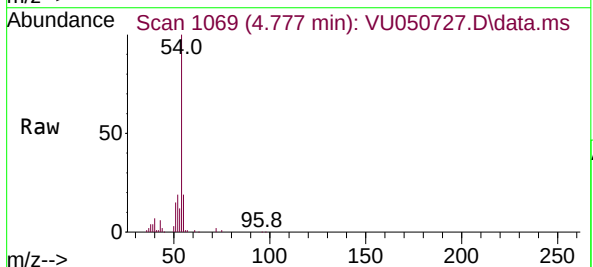


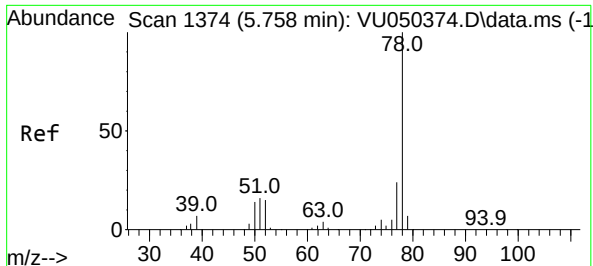
Tgt Ion: 73 Resp: 250114
Ion Ratio Lower Upper
73 100
87 23.5 19.7 29.5
71 12.4 9.0 13.4



#34
Propionitrile
Concen: 73.595 ug/l
RT: 4.777 min Scan# 1069
Delta R.T. -0.010 min
Lab File: VU050727.D
Acq: 16 Sep 2022 16:50

Tgt Ion: 54 Resp: 74366
Ion Ratio Lower Upper
54 100
52 21.3 15.0 22.6
55 15.3 12.6 19.0
40 5.5 4.2 6.4

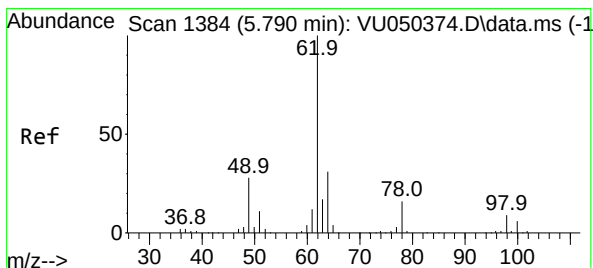
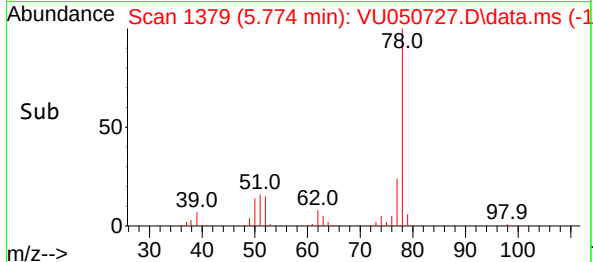
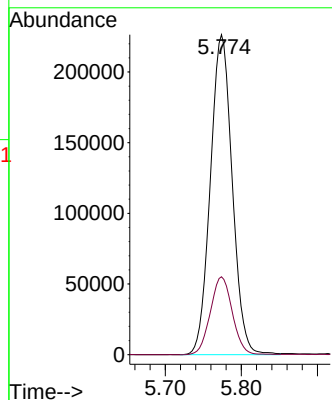
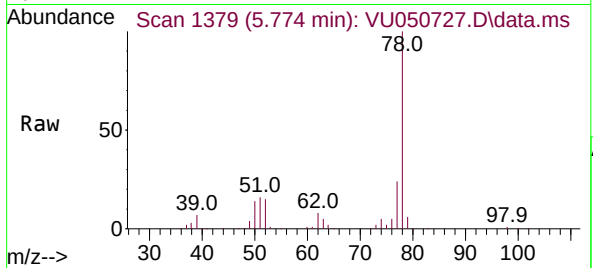




#35
Benzene
Concen: 10.407 ug/l
RT: 5.774 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU050727.D
Acq: 16 Sep 2022 16:50

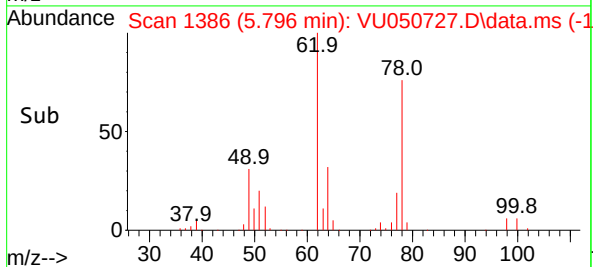
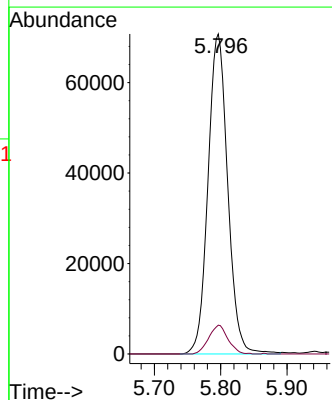
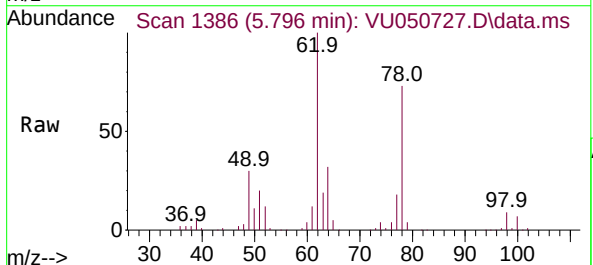
Instrument :
MSVOA_U
ClientSampleId :

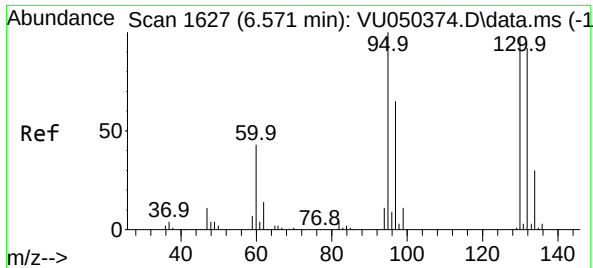
Tgt Ion: 78 Resp: 452286
Ion Ratio Lower Upper
78 100
77 24.3 18.6 28.0



#36
1,2-Dichloroethane
Concen: 11.001 ug/l
RT: 5.796 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VU050727.D
Acq: 16 Sep 2022 16:50

Tgt Ion: 62 Resp: 145975
Ion Ratio Lower Upper
62 100
98 8.8 7.4 11.0





#37

Trichloroethene

Concen: 9.520 ug/l

RT: 6.542 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU050727.D

Acq: 16 Sep 2022 16:50

Instrument :

MSVOA_U

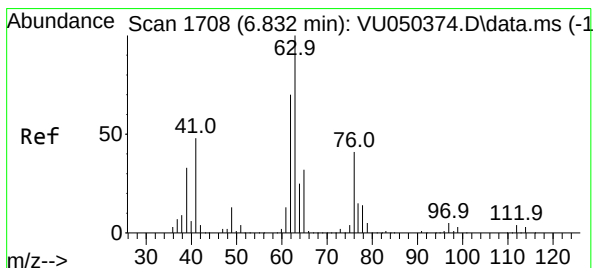
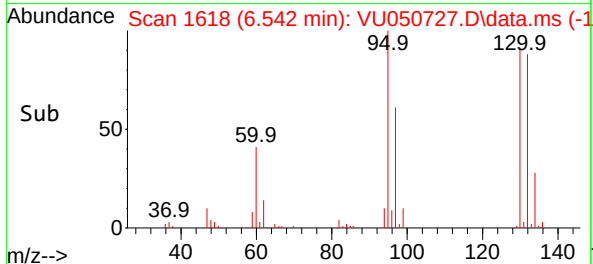
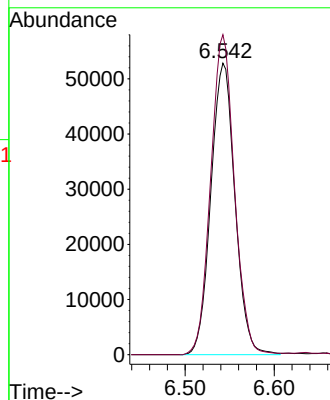
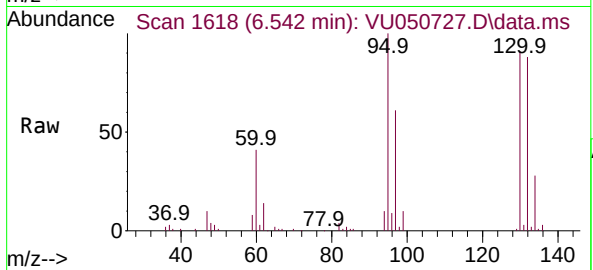
ClientSampleId :

Tgt Ion:130 Resp: 99185

Ion Ratio Lower Upper

130 100

95 109.8 83.8 125.8



#38

1,2-Dichloropropane

Concen: 11.141 ug/l

RT: 6.793 min Scan# 1696

Delta R.T. -0.000 min

Lab File: VU050727.D

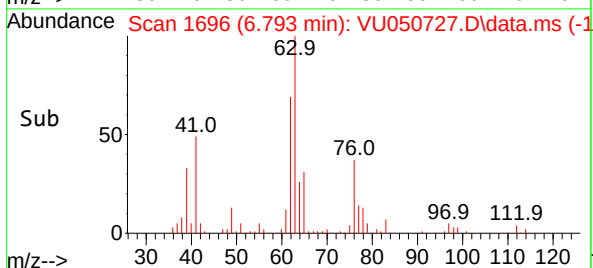
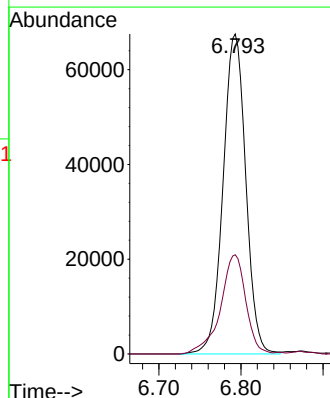
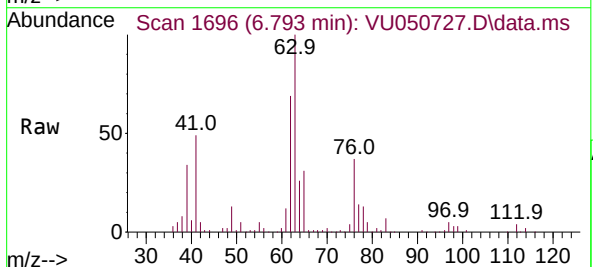
Acq: 16 Sep 2022 16:50

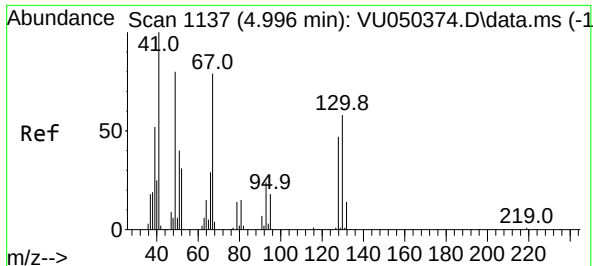
Tgt Ion: 63 Resp: 129972

Ion Ratio Lower Upper

63 100

65 31.0 25.0 37.4





#39

Methacrylonitrile

Concen: 11.302 ug/l

RT: 4.976 min Scan# 1131

Delta R.T. -0.007 min

Lab File: VU050727.D

Acq: 16 Sep 2022 16:50

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 41 Resp: 46862

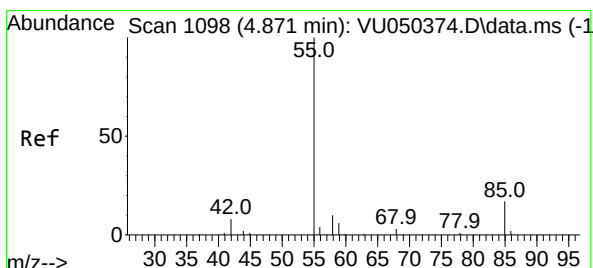
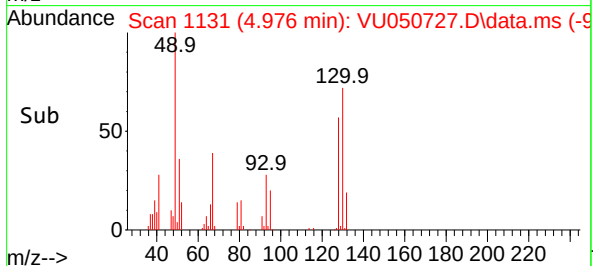
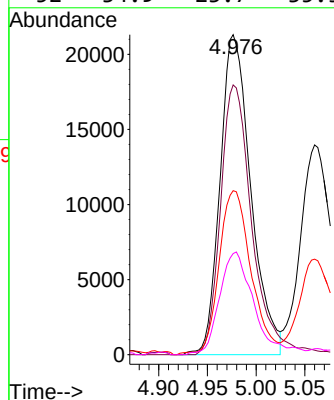
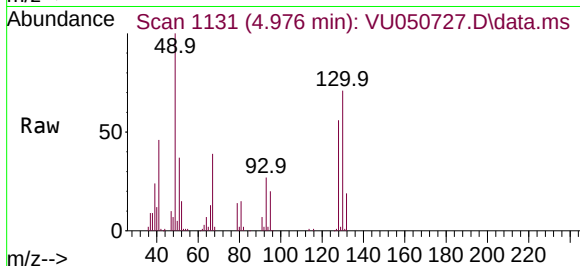
Ion Ratio Lower Upper

41 100

67 86.2 59.4 89.0

39 53.3 42.2 63.2

52 34.9 23.7 35.5



#40

Methyl acrylate

Concen: 12.248 ug/l

RT: 4.848 min Scan# 1091

Delta R.T. -0.007 min

Lab File: VU050727.D

Acq: 16 Sep 2022 16:50

Tgt Ion: 55 Resp: 77354

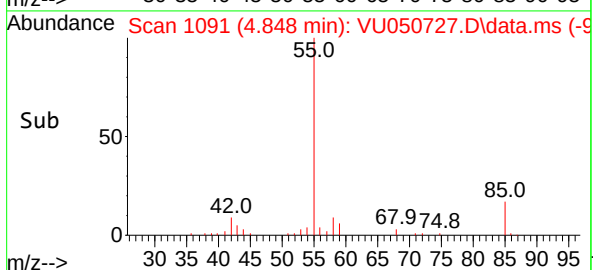
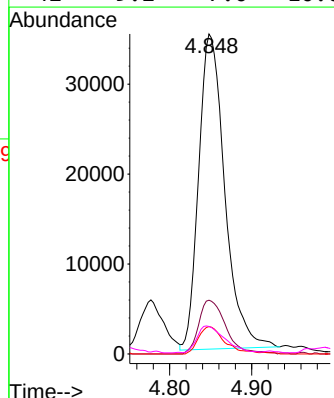
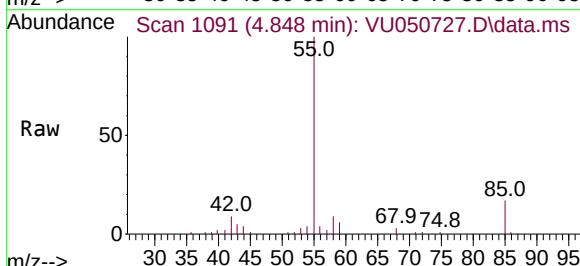
Ion Ratio Lower Upper

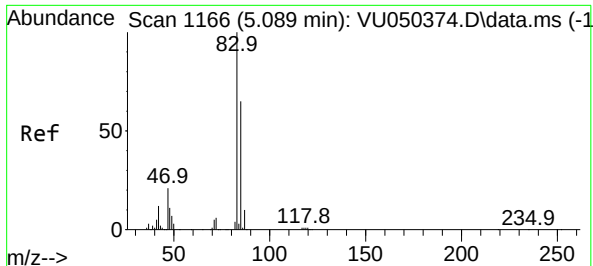
55 100

85 17.7 13.5 20.3

58 8.7 7.0 10.4

42 9.2 7.0 10.6





#41

Tetrahydrofuran

Concen: 26.199 ug/l

RT: 5.060 min Scan# 1166

Delta R.T. -0.007 min

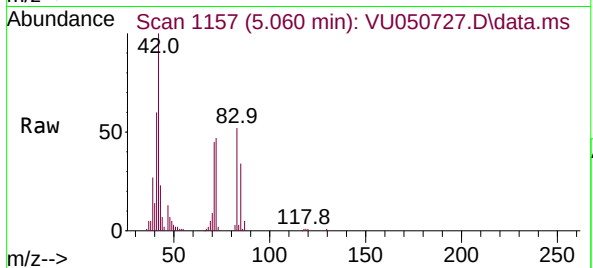
Lab File: VU050727.D

Acq: 16 Sep 2022 16:50

Instrument :

MSVOA_U

ClientSampleId :



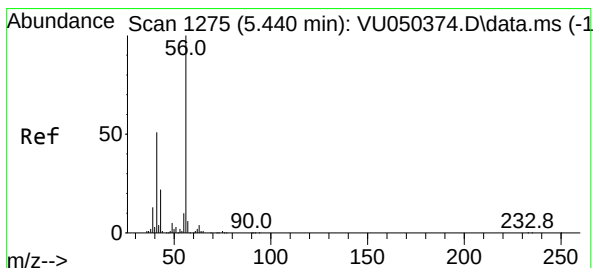
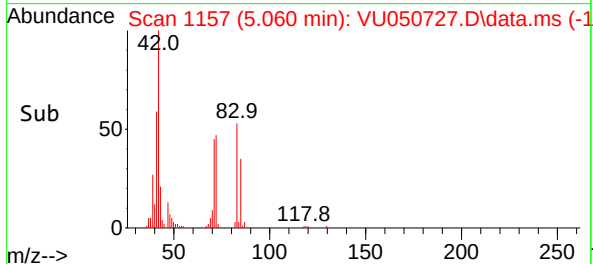
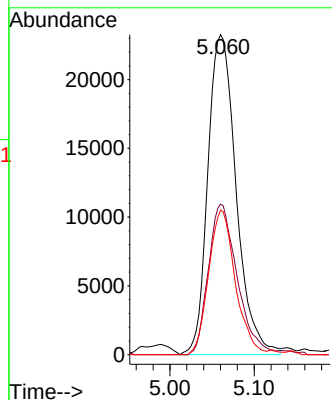
Tgt Ion: 42 Resp: 54391

Ion Ratio Lower Upper

42 100

72 47.8 38.9 58.3

71 42.5 33.7 50.5



#42

1-Chlorobutane

Concen: 9.758 ug/l

RT: 5.459 min Scan# 1281

Delta R.T. 0.003 min

Lab File: VU050727.D

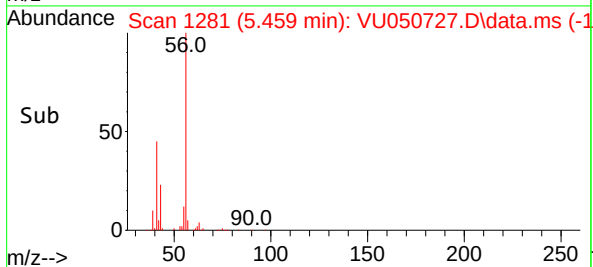
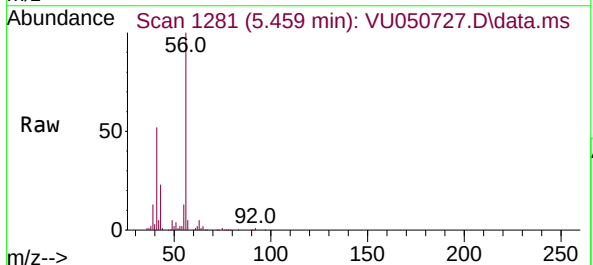
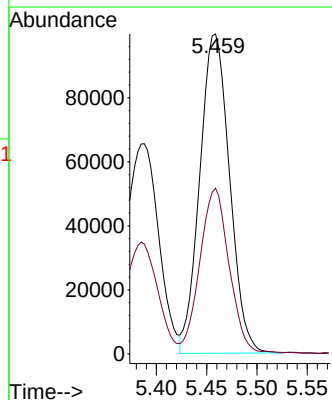
Acq: 16 Sep 2022 16:50

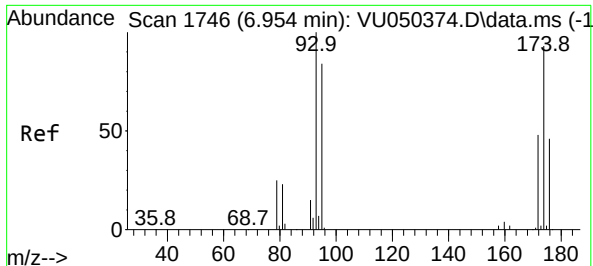
Tgt Ion: 56 Resp: 205435

Ion Ratio Lower Upper

56 100

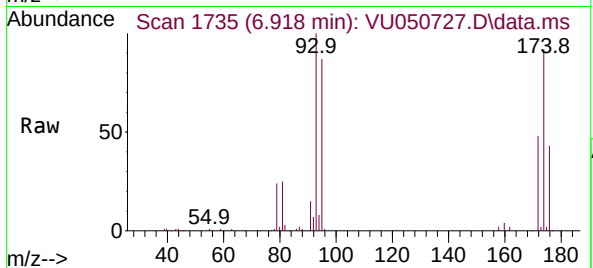
41 50.3 26.4 79.2





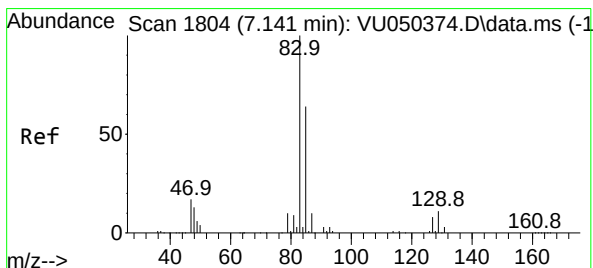
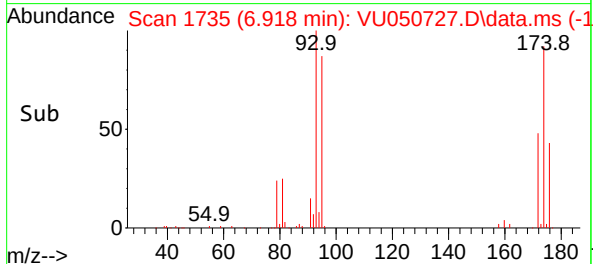
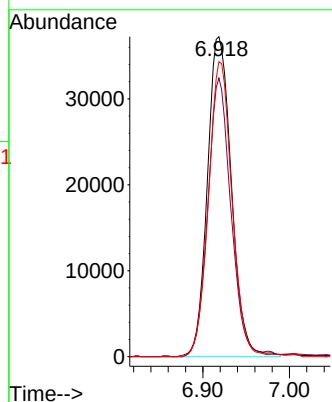
#43
Dibromomethane
Concen: 11.382 ug/l
RT: 6.918 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VU050727.D
Acq: 16 Sep 2022 16:50

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 93 Resp: 71573

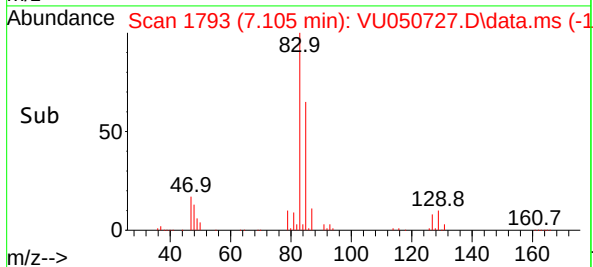
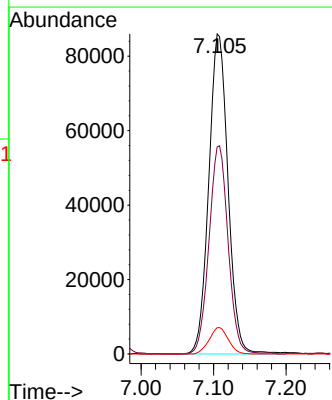
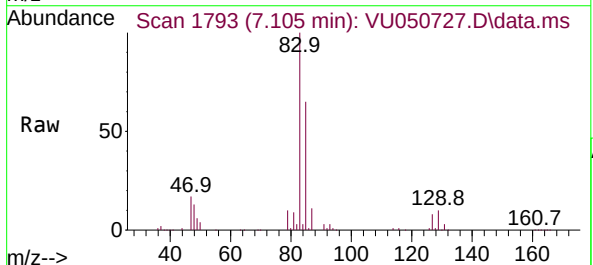
Ion	Ratio	Lower	Upper
93	100		
95	83.7	65.0	97.6
174	90.0	76.3	114.5

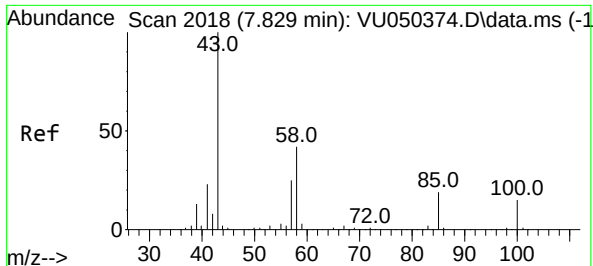


#44
Bromodichloromethane
Concen: 10.666 ug/l
RT: 7.105 min Scan# 1793
Delta R.T. -0.003 min
Lab File: VU050727.D
Acq: 16 Sep 2022 16:50

Tgt Ion: 83 Resp: 158267

Ion	Ratio	Lower	Upper
83	100		
85	64.7	49.4	74.0
127	8.2	6.6	10.0





#45

4-Methyl-2-Pentanone

Concen: 79.046 ug/l

RT: 7.793 min Scan# 2018

Delta R.T. -0.003 min

Lab File: VU050727.D

Acq: 16 Sep 2022 16:50

Instrument :

MSVOA_U

ClientSampleId :

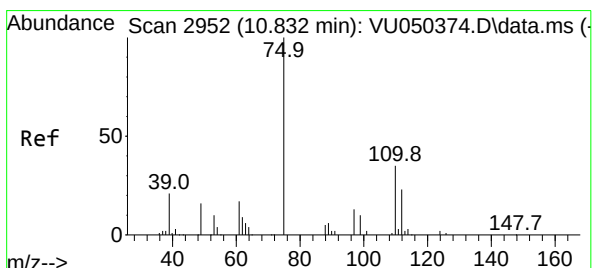
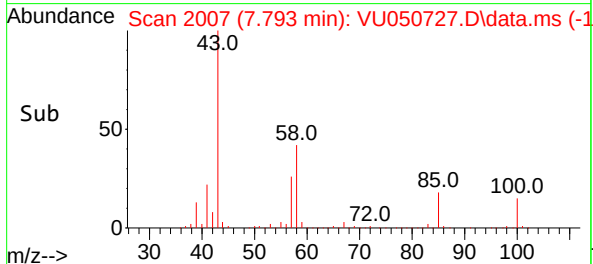
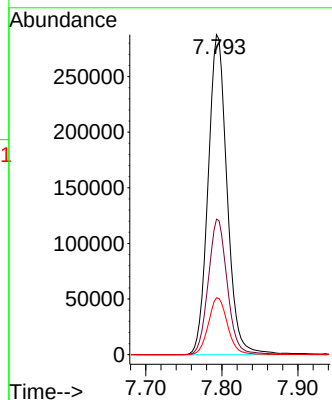
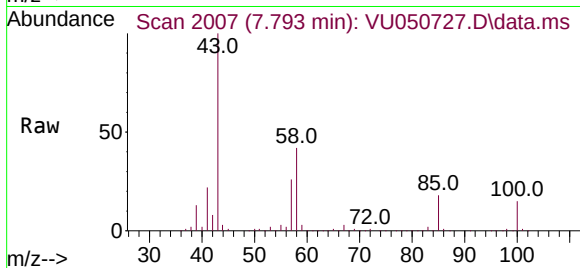
Tgt Ion: 43 Resp: 498956

Ion Ratio Lower Upper

43 100

58 42.5 20.3 61.0

85 18.0 14.6 21.8



#46

t-1,4-Dichloro-2-butene

Concen: 45.254 ug/l

RT: 10.825 min Scan# 2950

Delta R.T. -0.007 min

Lab File: VU050727.D

Acq: 16 Sep 2022 16:50

Tgt Ion: 75 Resp: 173149

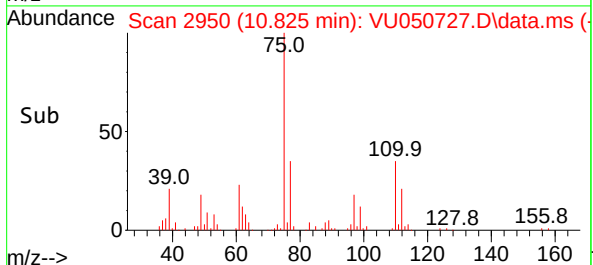
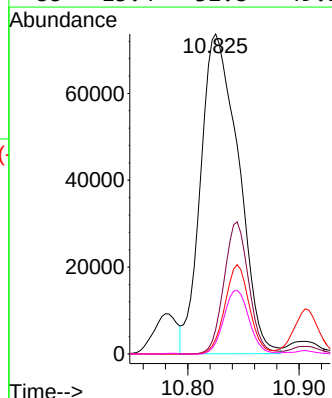
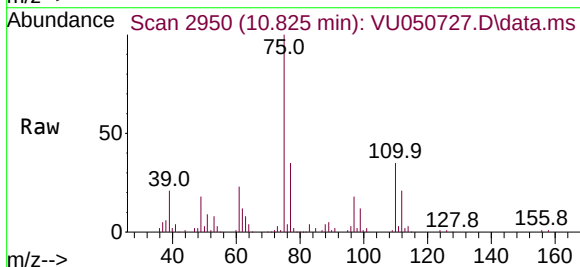
Ion Ratio Lower Upper

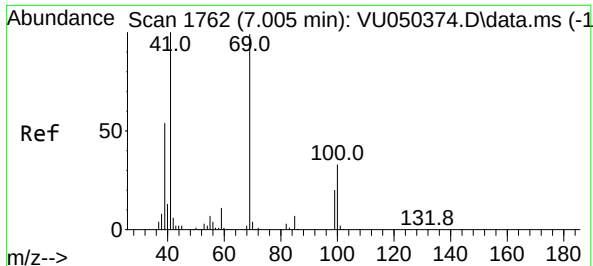
75 100

53 27.3 64.4 96.6#

89 18.2 44.2 66.2#

88 13.4 32.8 49.2#





#47

Methyl methacrylate

Concen: 24.651 ug/l

RT: 6.963 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU050727.D

Acq: 16 Sep 2022 16:50

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 69 Resp: 146774

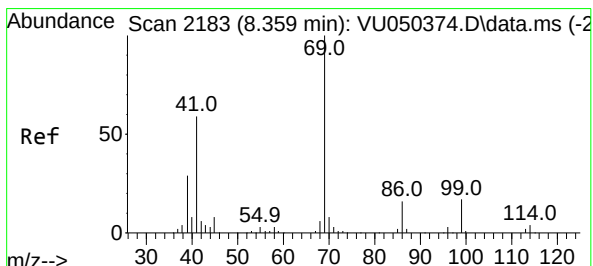
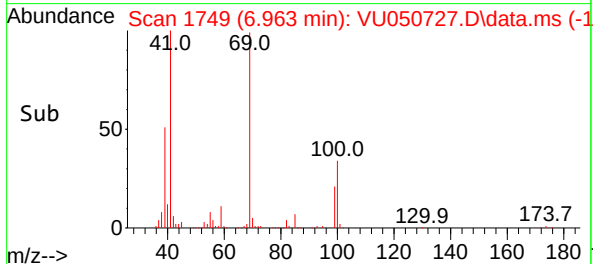
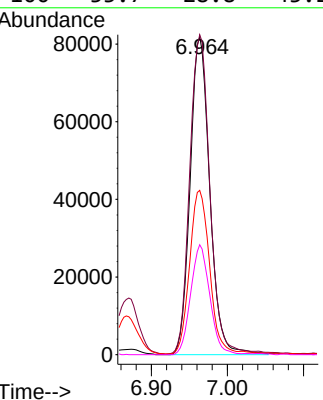
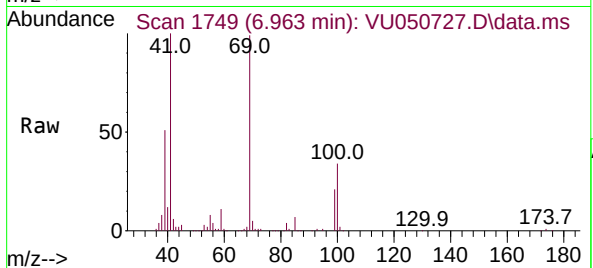
Ion Ratio Lower Upper

69 100

41 103.8 0.0 225.4

39 52.0 45.8 68.8

100 33.7 28.8 43.2



#48

Ethyl methacrylate

Concen: 11.173 ug/l

RT: 8.336 min Scan# 2176

Delta R.T. -0.000 min

Lab File: VU050727.D

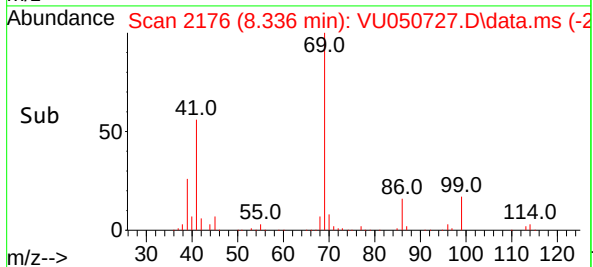
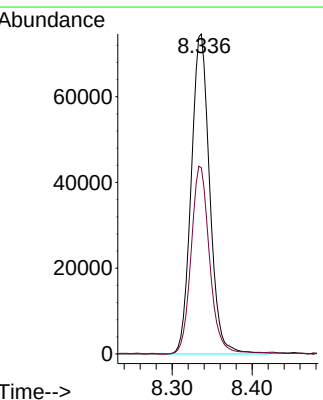
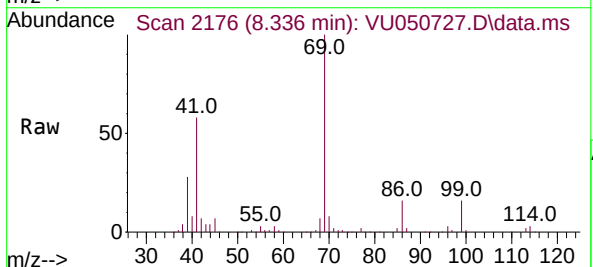
Acq: 16 Sep 2022 16:50

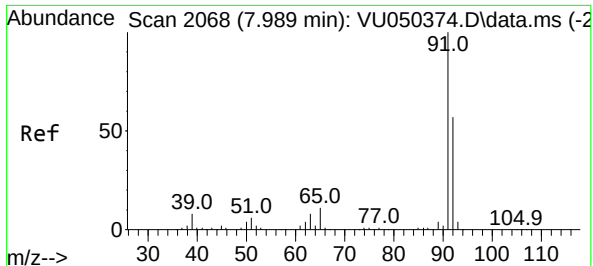
Tgt Ion: 69 Resp: 119877

Ion Ratio Lower Upper

69 100

41 58.8 32.3 96.9





#49

Toluene

Concen: 11.212 ug/l

RT: 7.970 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VU050727.D

Acq: 16 Sep 2022 16:50

Instrument :

MSVOA_U

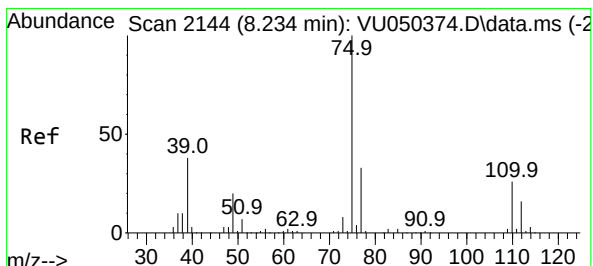
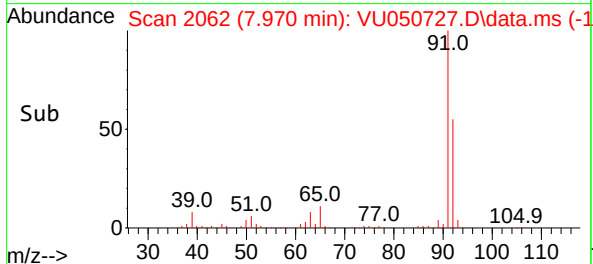
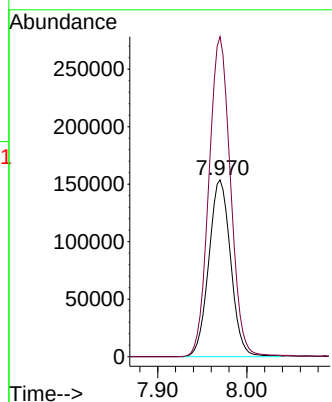
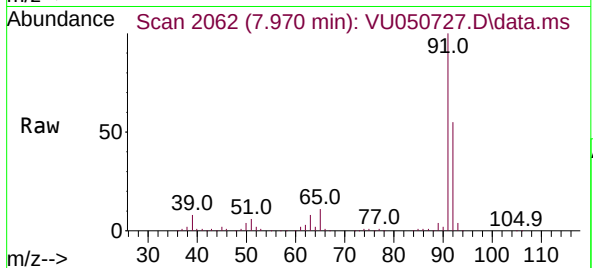
ClientSampleId :

Tgt Ion: 92 Resp: 261796

Ion Ratio Lower Upper

92 100

91 179.8 138.6 207.8



#50

t-1,3-Dichloropropene

Concen: 12.308 ug/l

RT: 8.211 min Scan# 2137

Delta R.T. -0.000 min

Lab File: VU050727.D

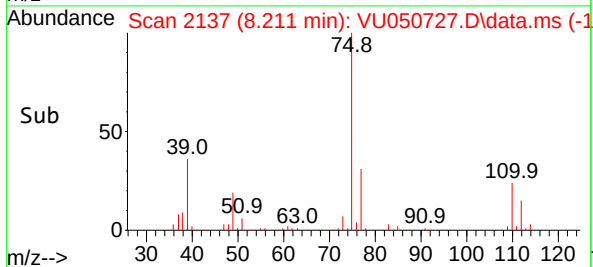
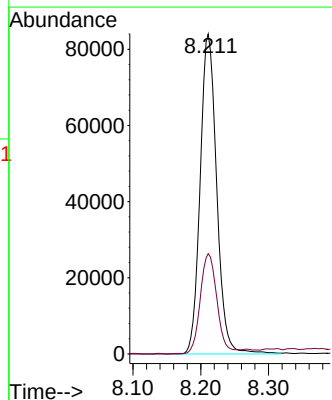
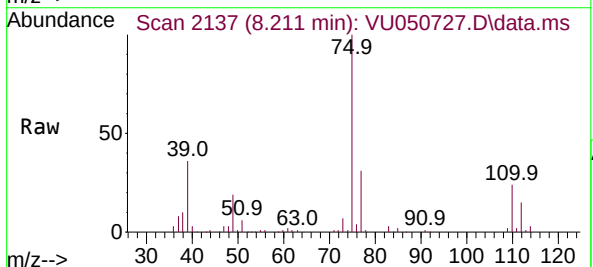
Acq: 16 Sep 2022 16:50

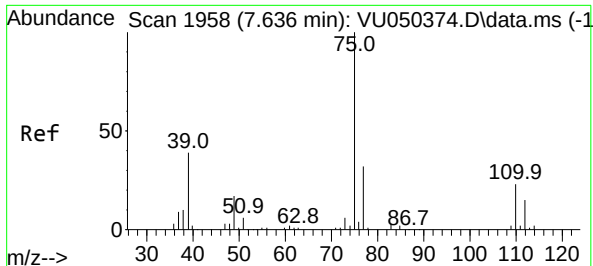
Tgt Ion: 75 Resp: 142216

Ion Ratio Lower Upper

75 100

77 31.2 24.7 37.1





#51

cis-1,3-Dichloropropene

Concen: 11.405 ug/l

RT: 7.610 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VU050727.D

Acq: 16 Sep 2022 16:50

Instrument :

MSVOA_U

ClientSampleId :

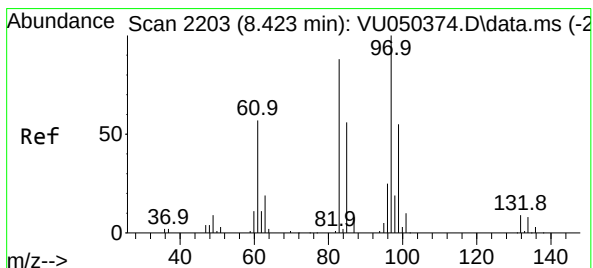
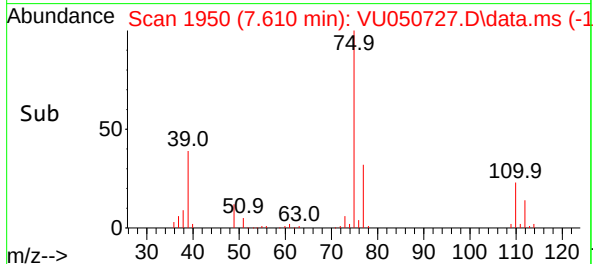
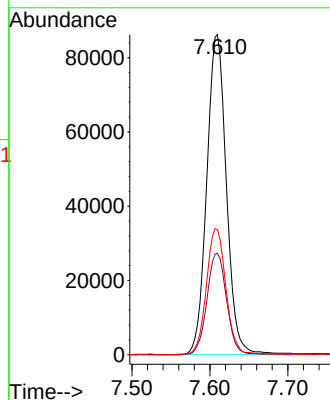
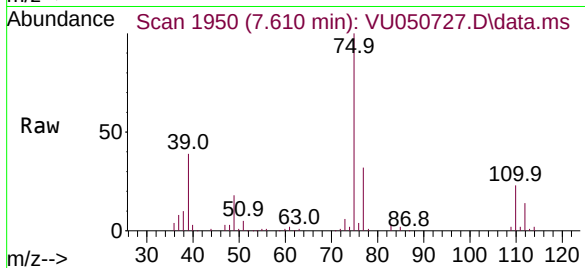
Tgt Ion: 75 Resp: 150858

Ion Ratio Lower Upper

75 100

77 31.5 25.4 38.0

39 39.1 35.1 52.7



#52

1,1,2-Trichloroethane

Concen: 11.487 ug/l

RT: 8.401 min Scan# 2196

Delta R.T. -0.000 min

Lab File: VU050727.D

Acq: 16 Sep 2022 16:50

Tgt Ion: 97 Resp: 106165

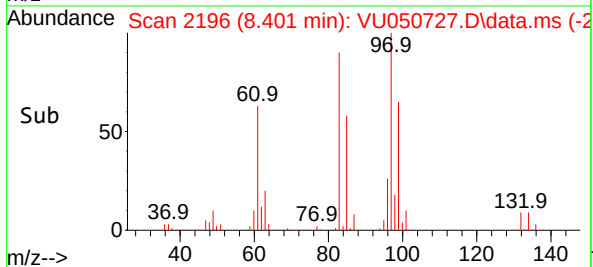
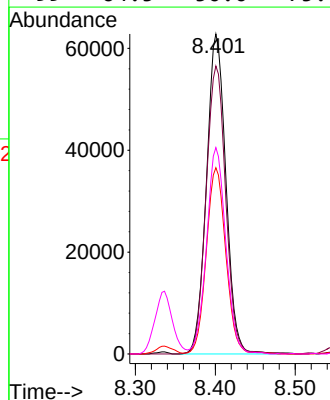
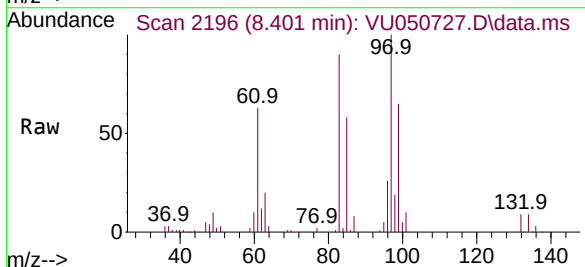
Ion Ratio Lower Upper

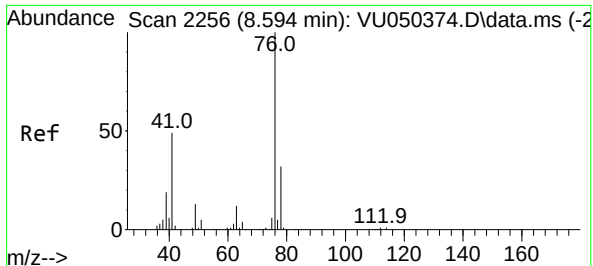
97 100

83 90.0 70.6 106.0

85 58.2 46.2 69.4

99 64.5 50.0 75.0





#53

1,3-Dichloropropane

Concen: 11.986 ug/l

RT: 8.578 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU050727.D

Acq: 16 Sep 2022 16:50

Instrument :

MSVOA_U

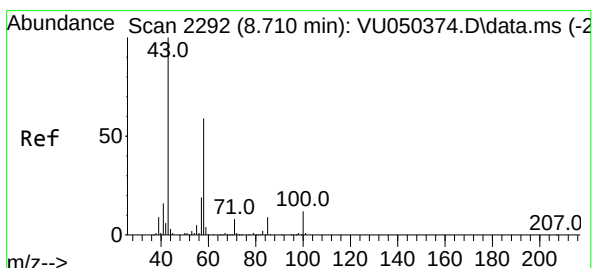
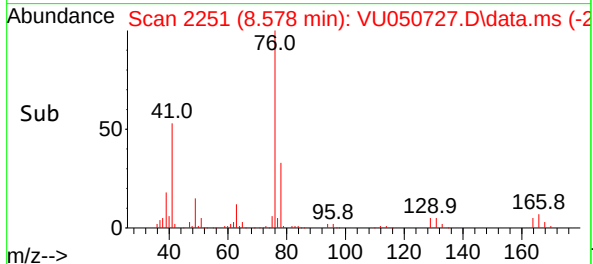
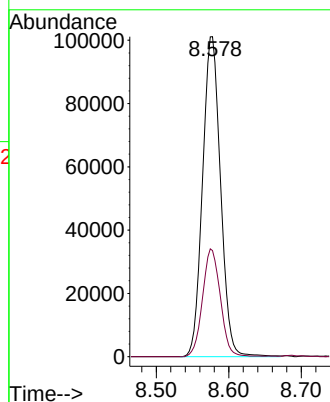
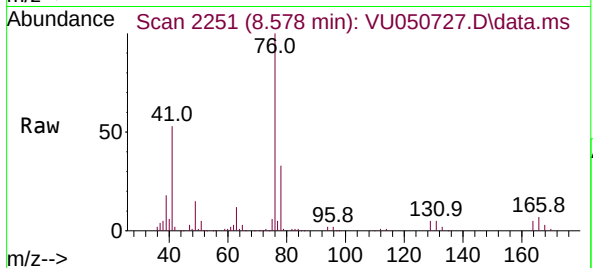
ClientSampleId :

Tgt Ion: 76 Resp: 174459

Ion Ratio Lower Upper

76 100

78 33.2 26.0 39.0



#54

2-Hexanone

Concen: 79.562 ug/l

RT: 8.687 min Scan# 2285

Delta R.T. -0.003 min

Lab File: VU050727.D

Acq: 16 Sep 2022 16:50

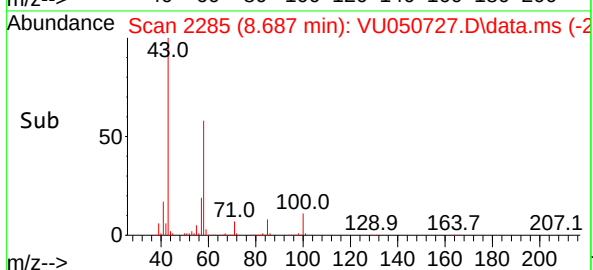
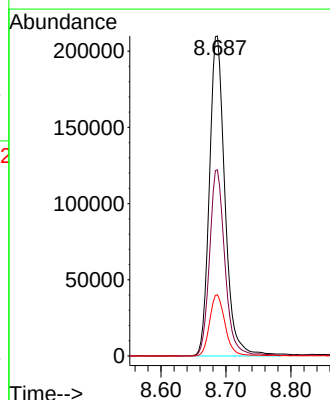
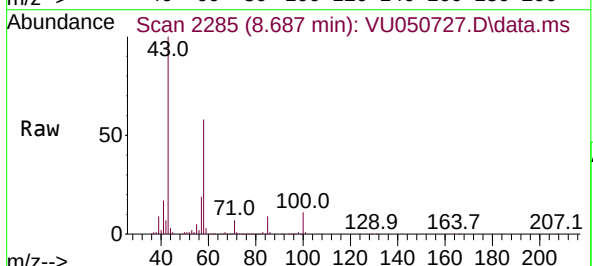
Tgt Ion: 43 Resp: 349747

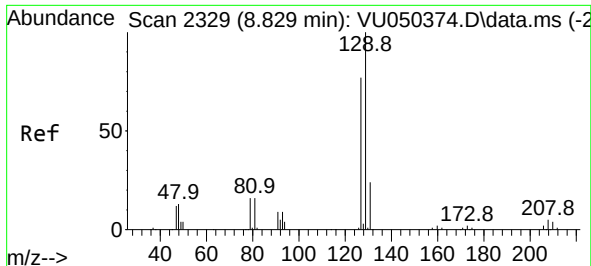
Ion Ratio Lower Upper

43 100

58 57.2 37.1 77.1

57 19.0 0.0 39.5

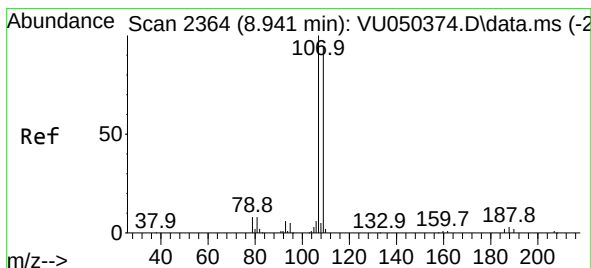
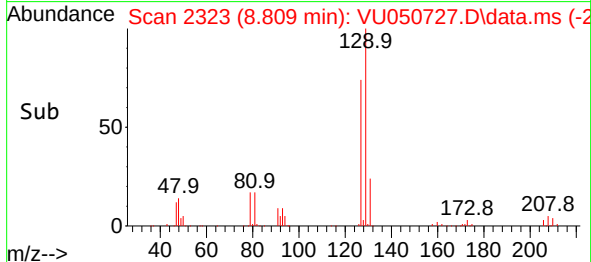
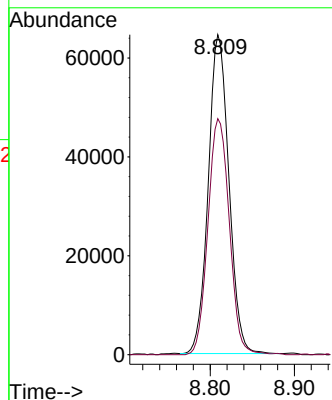
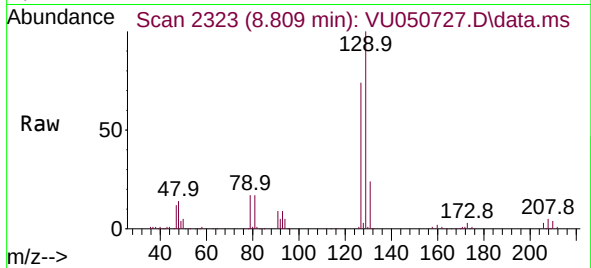




#55
Dibromochloromethane
Concen: 10.791 ug/l
RT: 8.809 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU050727.D
Acq: 16 Sep 2022 16:50

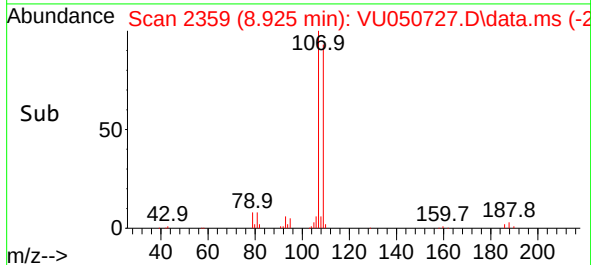
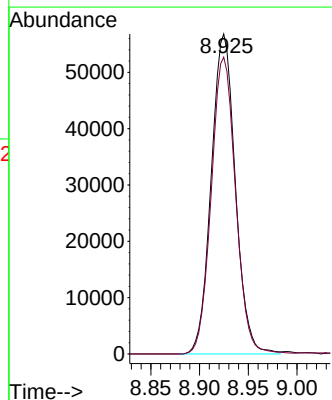
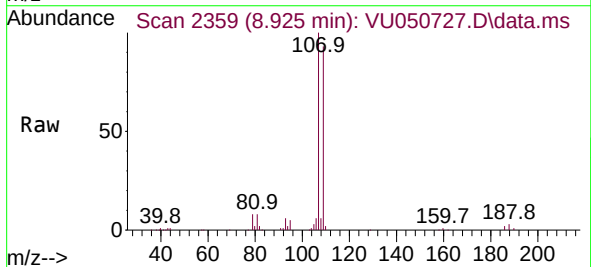
Instrument :
MSVOA_U
ClientSampleId :

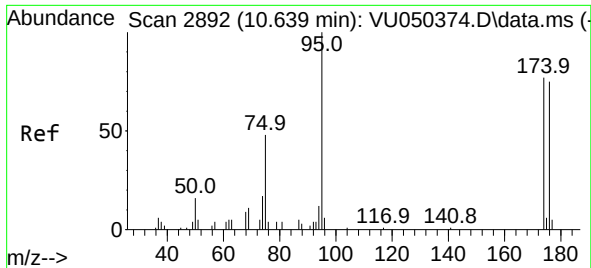
Tgt Ion:129 Resp: 109707
Ion Ratio Lower Upper
129 100
127 76.6 61.2 91.8



#56
1,2-Dibromoethane
Concen: 11.768 ug/l
RT: 8.925 min Scan# 2359
Delta R.T. -0.000 min
Lab File: VU050727.D
Acq: 16 Sep 2022 16:50

Tgt Ion:107 Resp: 97682
Ion Ratio Lower Upper
107 100
109 93.5 0.0 187.2

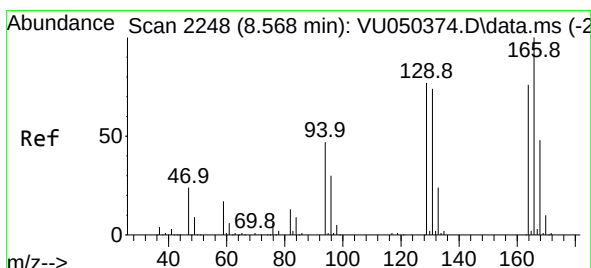
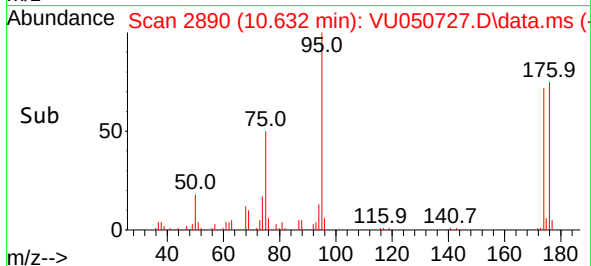
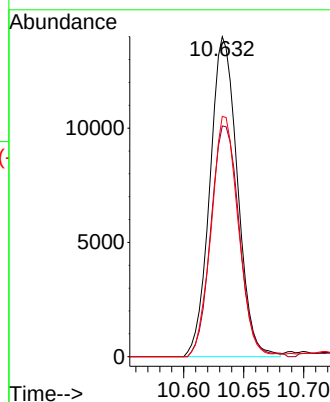
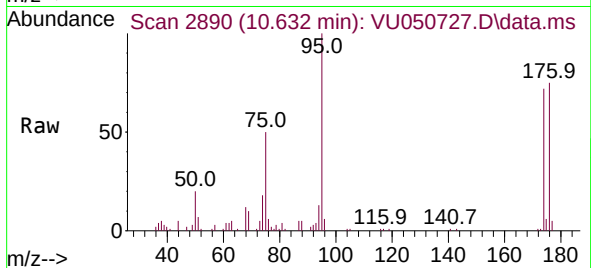




#57
4-Bromofluorobenzene
Concen: 1.864 ug/l
RT: 10.632 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU050727.D
Acq: 16 Sep 2022 16:50

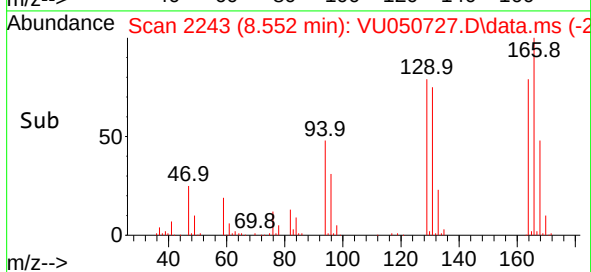
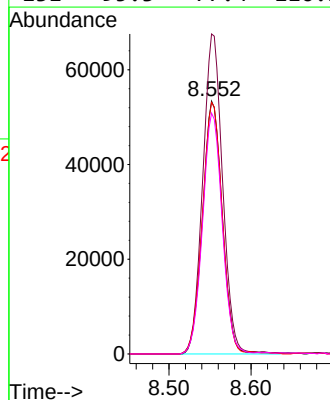
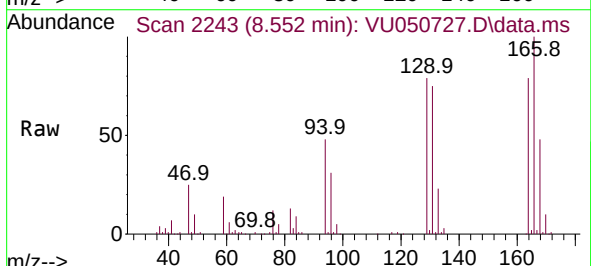
Instrument :
MSVOA_U
ClientSampleId :

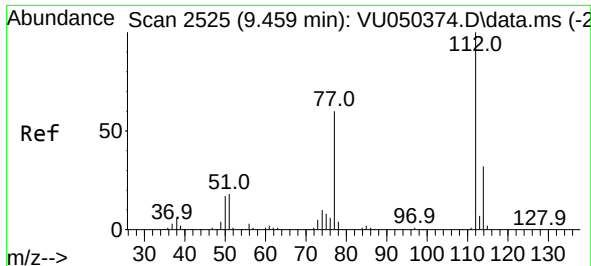
Tgt Ion: 95 Resp: 22350
Ion Ratio Lower Upper
95 100
174 74.5 62.4 93.6
176 74.2 56.2 84.2



#58
Tetrachloroethene
Concen: 9.126 ug/l
RT: 8.552 min Scan# 2243
Delta R.T. -0.000 min
Lab File: VU050727.D
Acq: 16 Sep 2022 16:50

Tgt Ion:164 Resp: 89476
Ion Ratio Lower Upper
164 100
166 126.6 102.4 153.6
129 99.5 79.5 119.3
131 95.3 77.4 116.2





#59

Chlorobenzene

Concen: 10.627 ug/l

RT: 9.446 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU050727.D

Acq: 16 Sep 2022 16:50

Instrument :

MSVOA_U

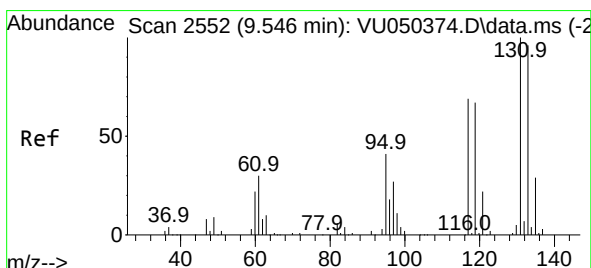
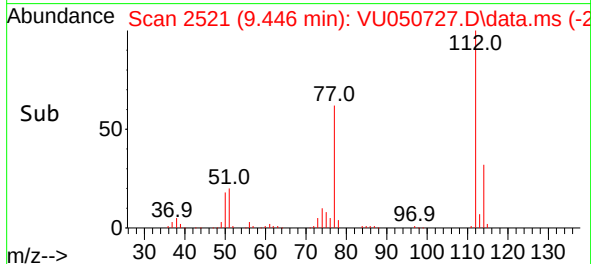
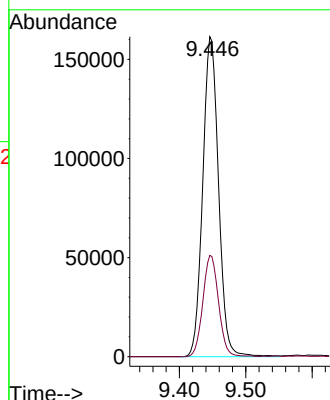
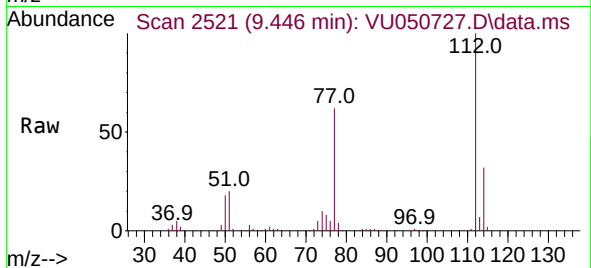
ClientSampleId :

Tgt Ion:112 Resp: 267778

Ion Ratio Lower Upper

112 100

114 31.6 24.9 37.3



#60

1,1,1,2-Tetrachloroethane

Concen: 10.019 ug/l

RT: 9.536 min Scan# 2549

Delta R.T. -0.000 min

Lab File: VU050727.D

Acq: 16 Sep 2022 16:50

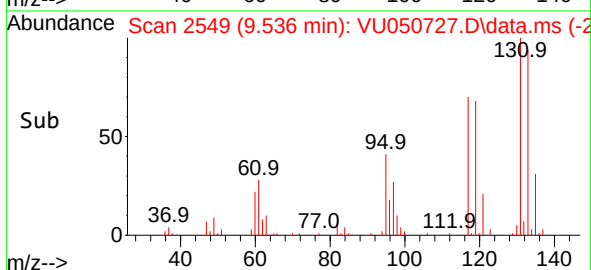
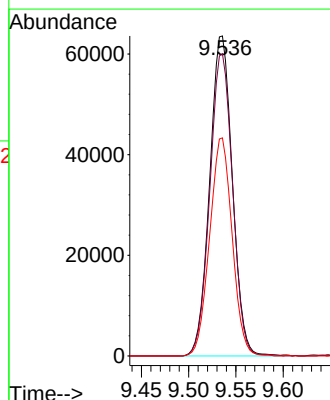
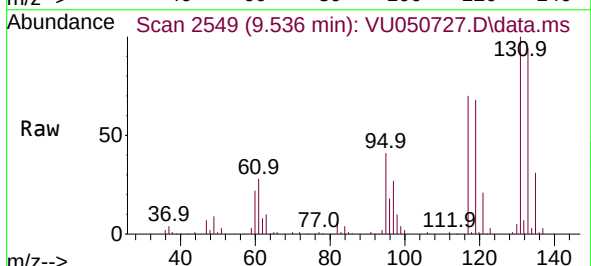
Tgt Ion:131 Resp: 106112

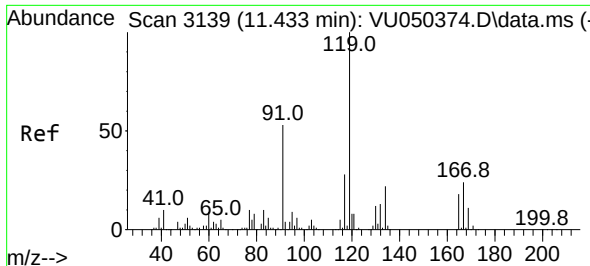
Ion Ratio Lower Upper

131 100

133 94.8 78.3 117.5

119 67.6 53.2 79.8

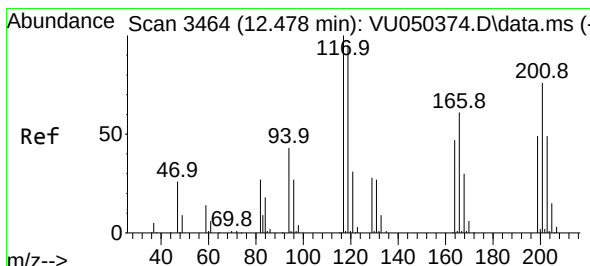
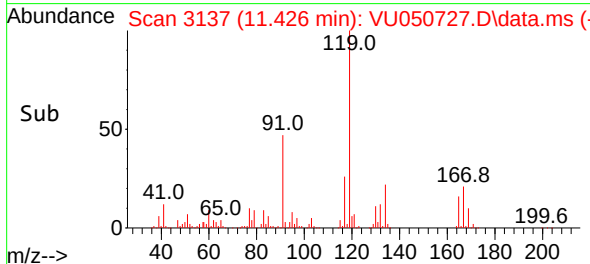
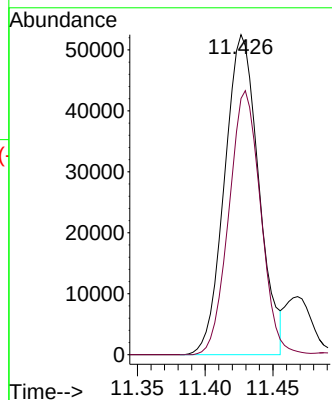
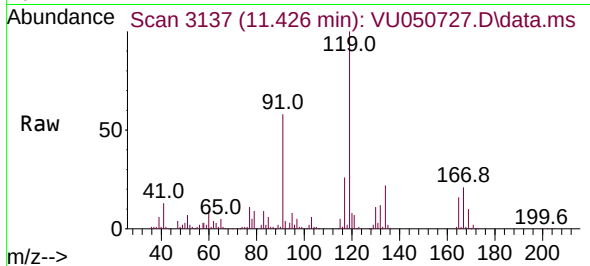




#61
 Pentachloroethane
 Concen: 10.429 ug/l
 RT: 11.426 min Scan# 3139
 Delta R.T. -0.003 min
 Lab File: VU050727.D
 Acq: 16 Sep 2022 16:50

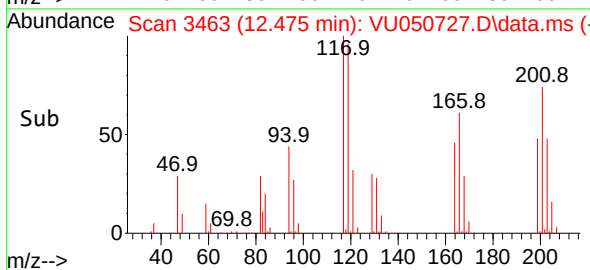
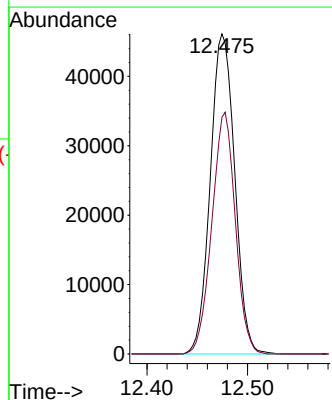
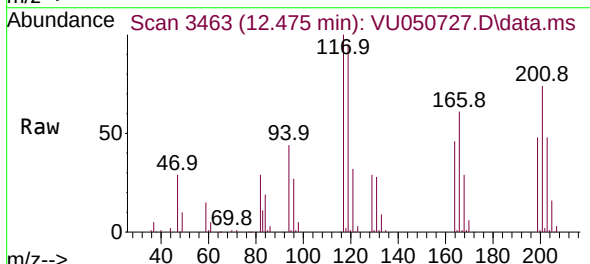
Instrument :
 MSVOA_U
 ClientSampleId :

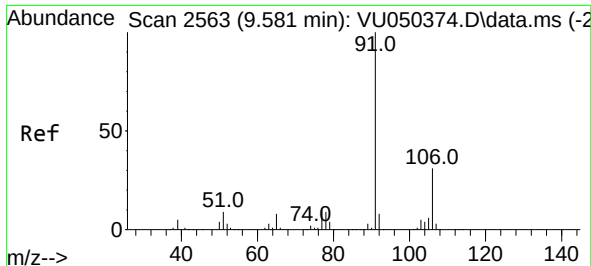
Tgt Ion:117 Resp: 91922
 Ion Ratio Lower Upper
 117 100
 167 76.6 66.2 99.4



#62
 Hexachloroethane
 Concen: 10.619 ug/l
 RT: 12.475 min Scan# 3463
 Delta R.T. -0.000 min
 Lab File: VU050727.D
 Acq: 16 Sep 2022 16:50

Tgt Ion:117 Resp: 77852
 Ion Ratio Lower Upper
 117 100
 201 72.5 61.0 91.4

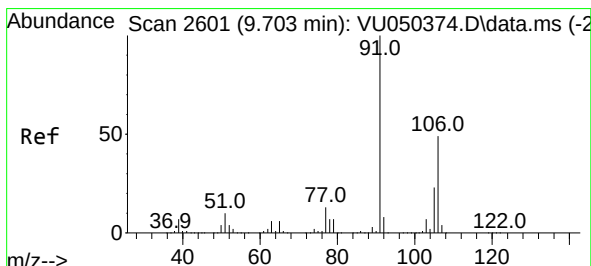
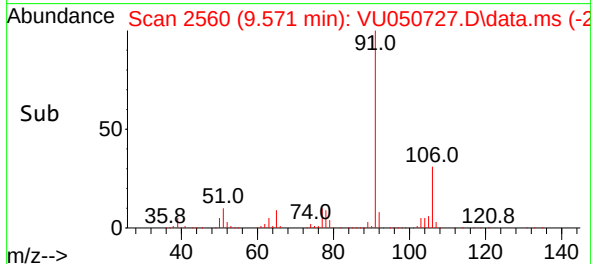
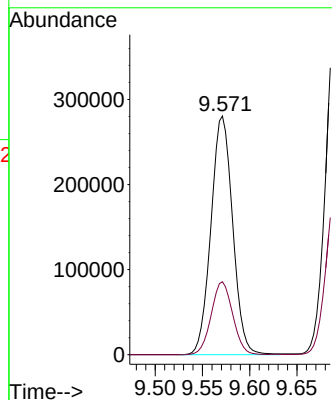
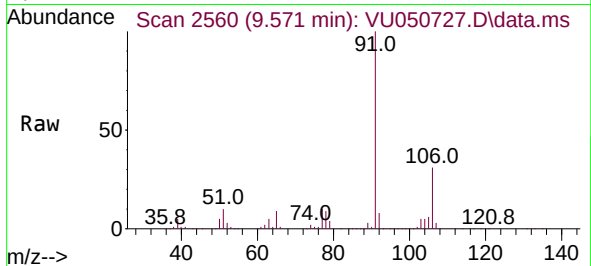




#63
Ethyl Benzene
Concen: 8.861 ug/l
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU050727.D
Acq: 16 Sep 2022 16:50

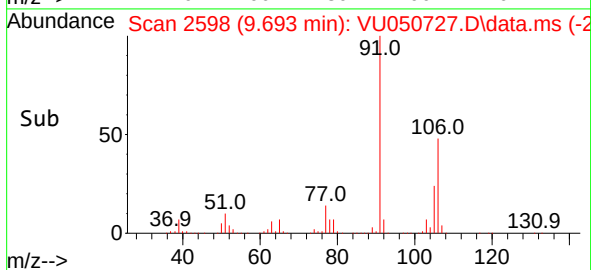
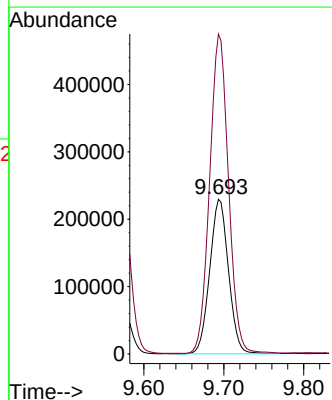
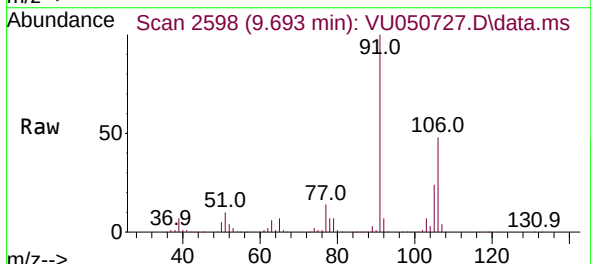
Instrument :
MSVOA_U
ClientSampleId :

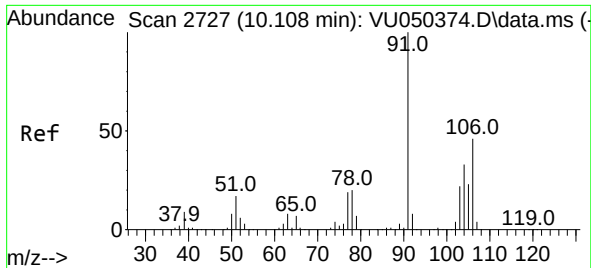
Tgt Ion: 91 Resp: 448256
Ion Ratio Lower Upper
91 100
106 30.6 24.4 36.6



#64
m/p-Xylenes
Concen: 18.524 ug/l
RT: 9.693 min Scan# 2598
Delta R.T. -0.000 min
Lab File: VU050727.D
Acq: 16 Sep 2022 16:50

Tgt Ion: 106 Resp: 373198
Ion Ratio Lower Upper
106 100
91 207.1 167.8 251.6

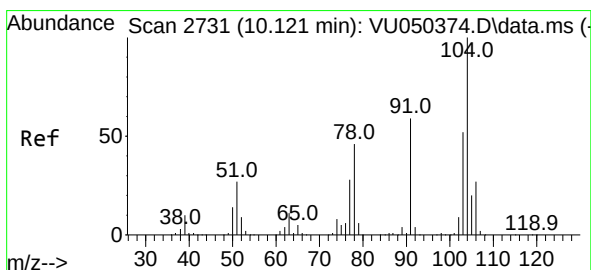
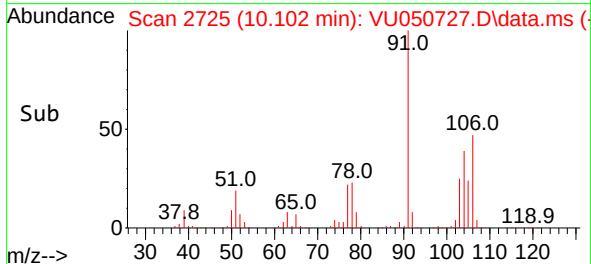
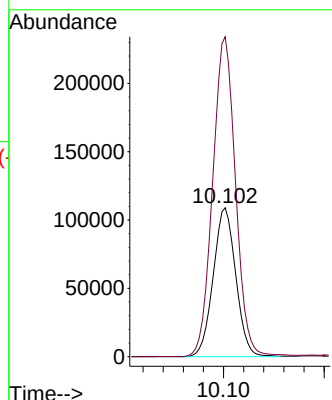
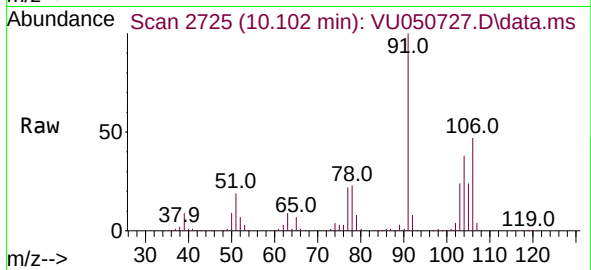




#65
o-Xylene
Concen: 9.059 ug/l
RT: 10.102 min Scan# 2725
Delta R.T. -0.000 min
Lab File: VU050727.D
Acq: 16 Sep 2022 16:50

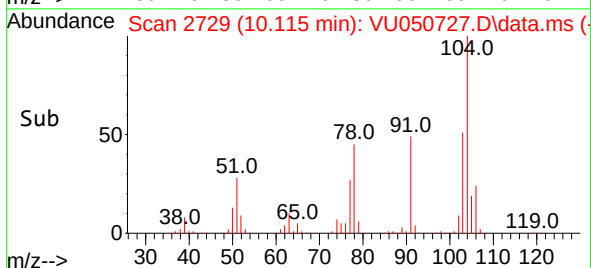
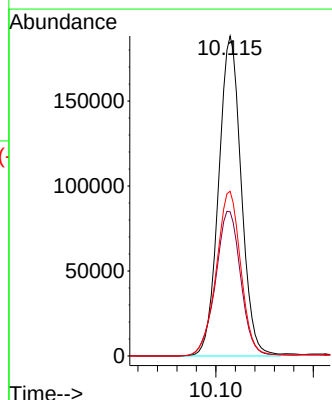
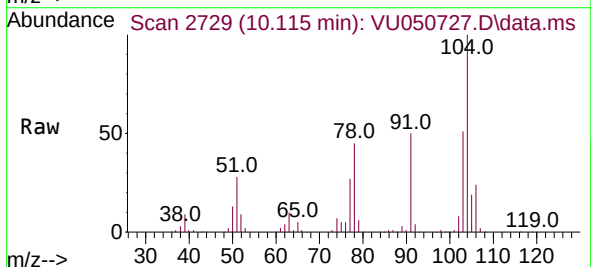
Instrument :
MSVOA_U
ClientSampleId :

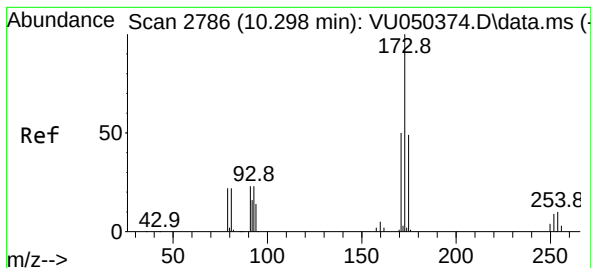
Tgt Ion:106 Resp: 169757
Ion Ratio Lower Upper
106 100
91 218.3 111.1 333.2



#66
Styrene
Concen: 9.097 ug/l
RT: 10.115 min Scan# 2729
Delta R.T. -0.000 min
Lab File: VU050727.D
Acq: 16 Sep 2022 16:50

Tgt Ion:104 Resp: 303583
Ion Ratio Lower Upper
104 100
78 50.6 42.1 63.1
103 56.0 44.5 66.7





#67

Bromoform

Concen: 11.803 ug/l

RT: 10.291 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU050727.D

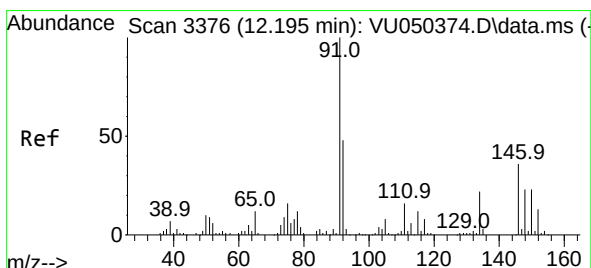
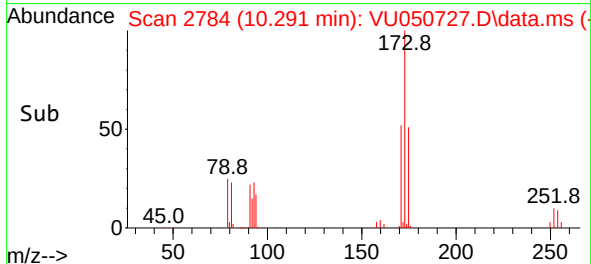
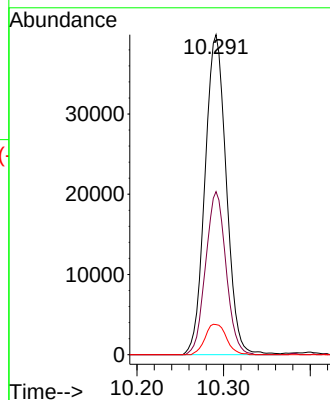
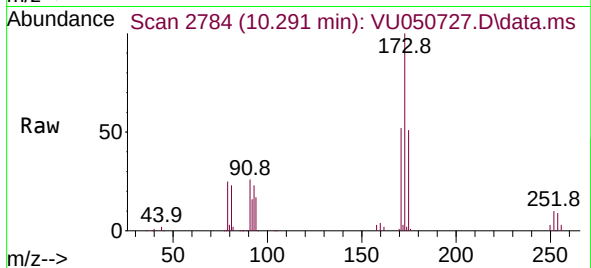
Acq: 16 Sep 2022 16:50

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:173	Resp:	68148
Ion Ratio	Lower	Upper
173	100	
175	48.7	38.4 57.6
254	9.5	7.7 11.5



#68

1,2-Dichlorobenzene-d4

Concen: 0.961 ug/l

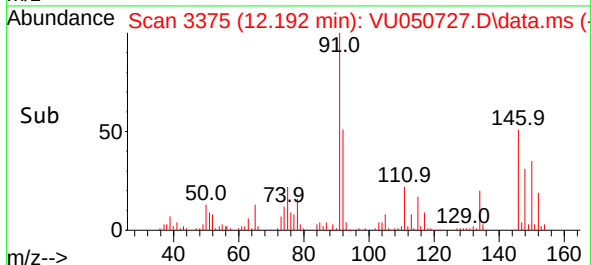
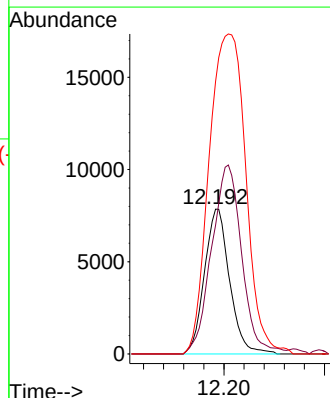
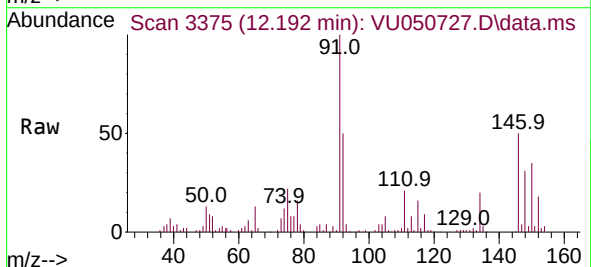
RT: 12.192 min Scan# 3375

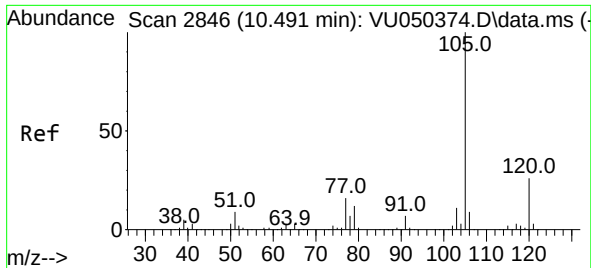
Delta R.T. -0.003 min

Lab File: VU050727.D

Acq: 16 Sep 2022 16:50

Tgt Ion:152	Resp:	13624
Ion Ratio	Lower	Upper
152	100	
115	156.3	0.0 254.6
150	322.5	0.0 623.6

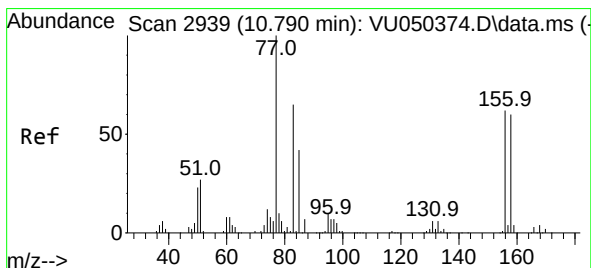
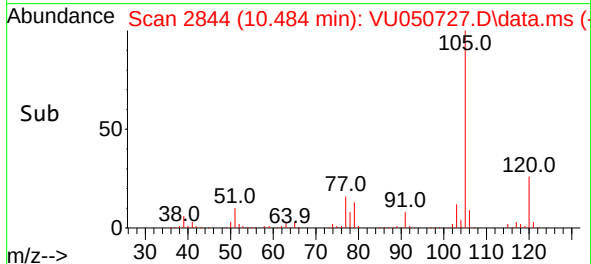
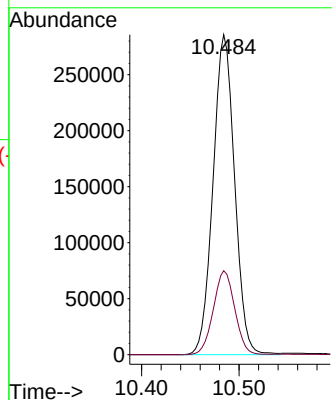
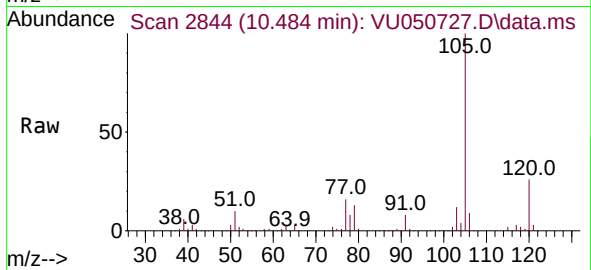




#69
Isopropylbenzene
Concen: 8.889 ug/l
RT: 10.484 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VU050727.D
Acq: 16 Sep 2022 16:50

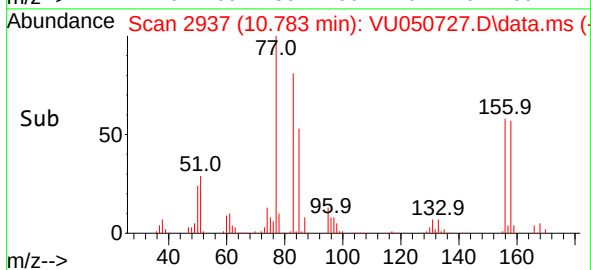
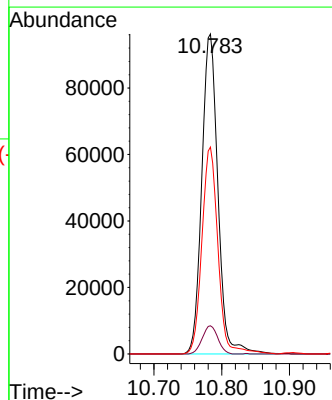
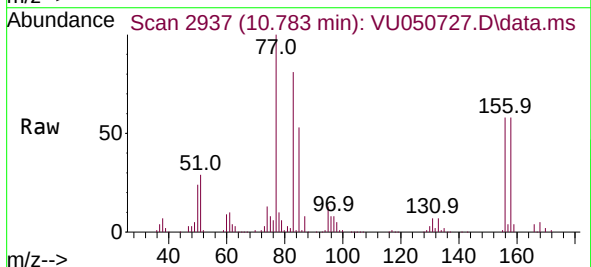
Instrument :
MSVOA_U
ClientSampleId :

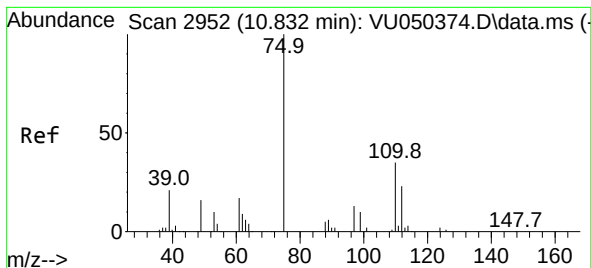
Tgt Ion:105 Resp: 439443
Ion Ratio Lower Upper
105 100
120 26.0 12.6 37.8



#70
1,1,2,2-Tetrachloroethane
Concen: 12.508 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. -0.000 min
Lab File: VU050727.D
Acq: 16 Sep 2022 16:50

Tgt Ion: 83 Resp: 159090
Ion Ratio Lower Upper
83 100
131 8.5 7.7 11.5
85 64.3 51.2 76.8





#71

1,2,3-Trichloropropane

Concen: 18.103 ug/l

RT: 10.825 min Scan# 2950

Delta R.T. -0.000 min

Lab File: VU050727.D

Acq: 16 Sep 2022 16:50

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 75 Resp: 173149

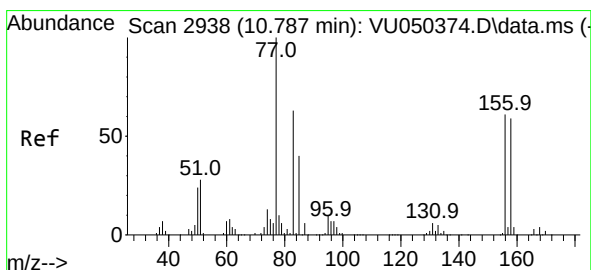
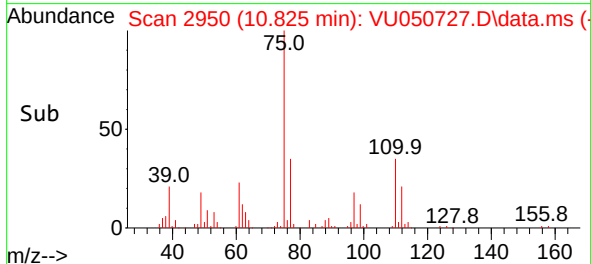
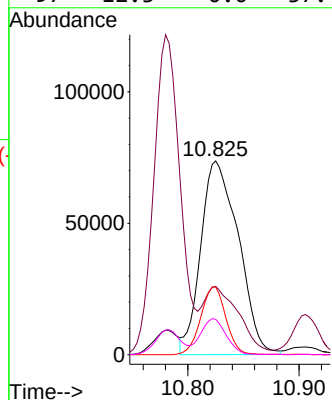
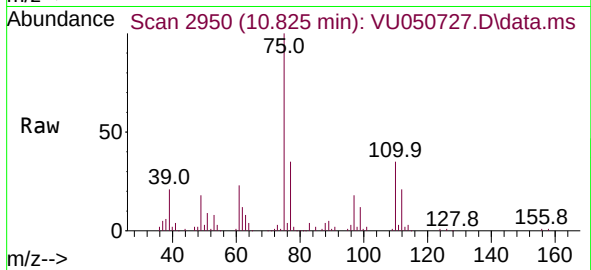
Ion Ratio Lower Upper

75 100

77 33.0 0.0 112.4

110 23.5 0.0 70.6

97 12.3 0.0 37.4



#72

Bromobenzene

Concen: 10.373 ug/l

RT: 10.783 min Scan# 2937

Delta R.T. -0.000 min

Lab File: VU050727.D

Acq: 16 Sep 2022 16:50

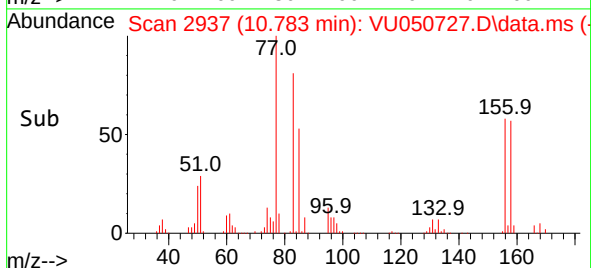
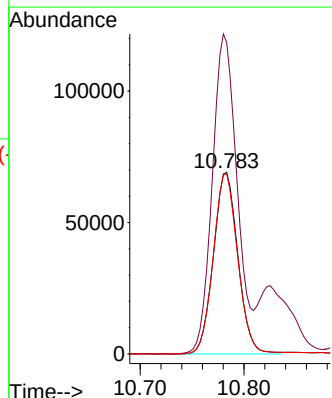
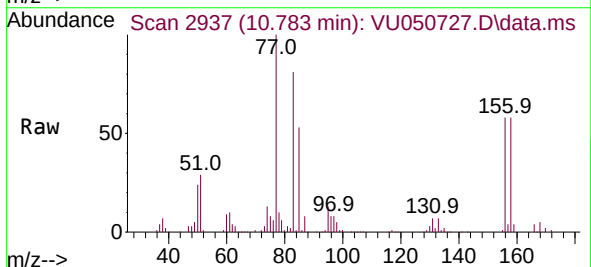
Tgt Ion:156 Resp: 112846

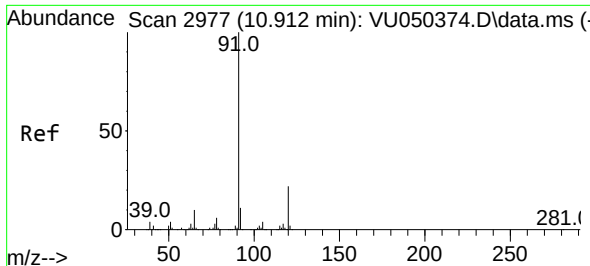
Ion Ratio Lower Upper

156 100

77 178.3 0.0 344.4

158 99.3 0.0 192.2

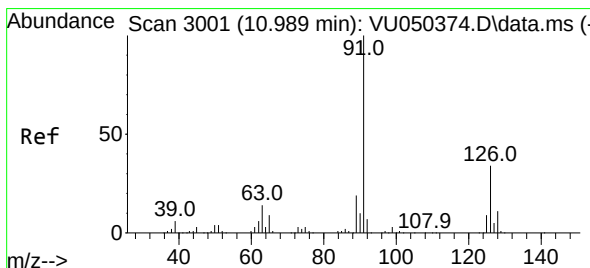
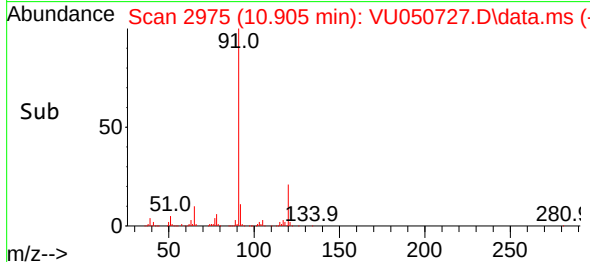
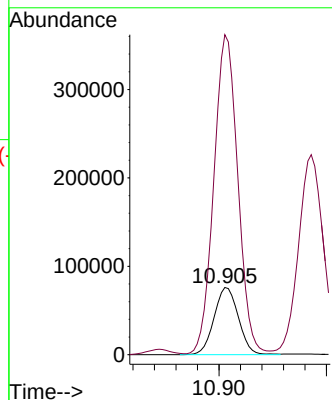
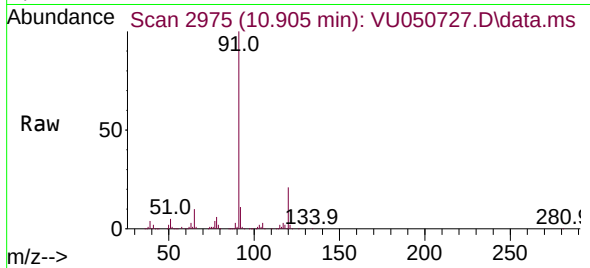




#73
n-propylbenzene
Concen: 8.671 ug/l
RT: 10.905 min Scan# 2975
Delta R.T. -0.000 min
Lab File: VU050727.D
Acq: 16 Sep 2022 16:50

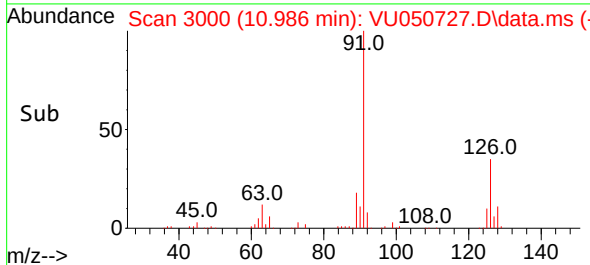
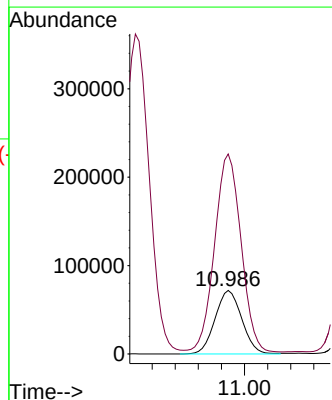
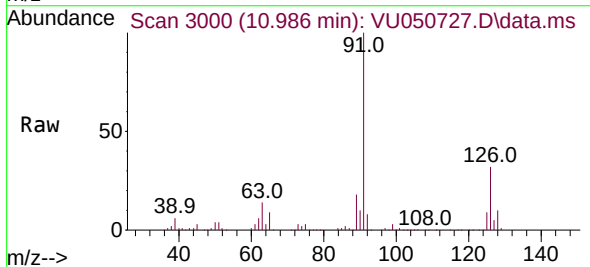
Instrument :
MSVOA_U
ClientSampleId :

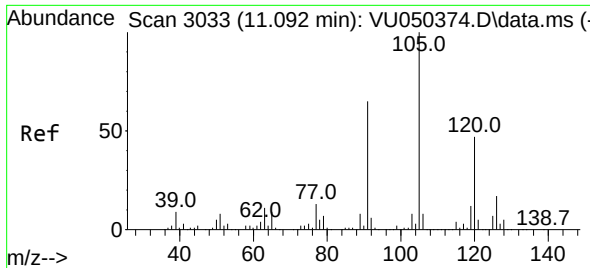
Tgt Ion:120 Resp: 119439
Ion Ratio Lower Upper
120 100
91 467.1 367.8 551.6



#74
2-Chlorotoluene
Concen: 9.184 ug/l
RT: 10.986 min Scan# 3000
Delta R.T. -0.000 min
Lab File: VU050727.D
Acq: 16 Sep 2022 16:50

Tgt Ion:126 Resp: 115253
Ion Ratio Lower Upper
126 100
91 309.5 0.0 620.6

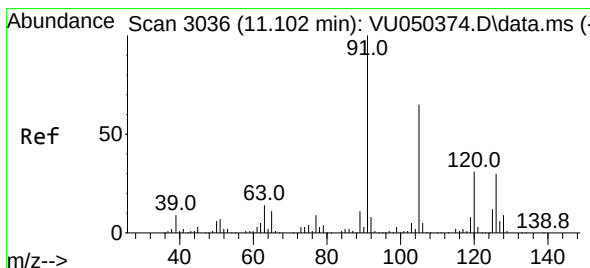
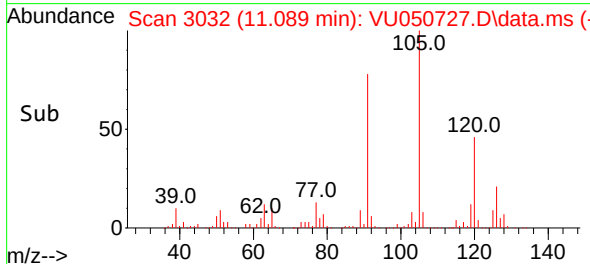
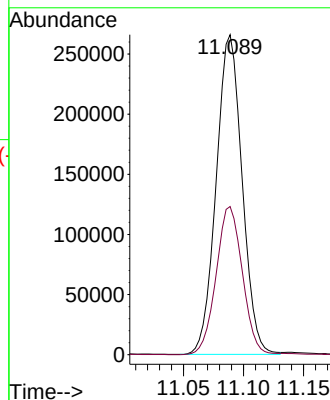
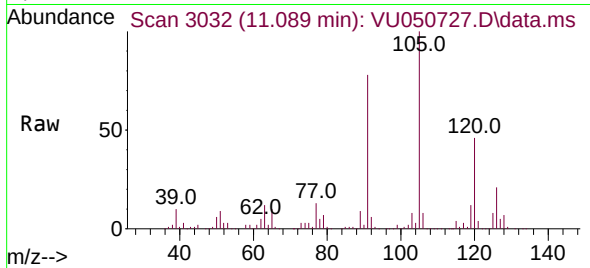




#75
1,3,5-Trimethylbenzene
Concen: 9.023 ug/l
RT: 11.089 min Scan# 3032
Delta R.T. -0.000 min
Lab File: VU050727.D
Acq: 16 Sep 2022 16:50

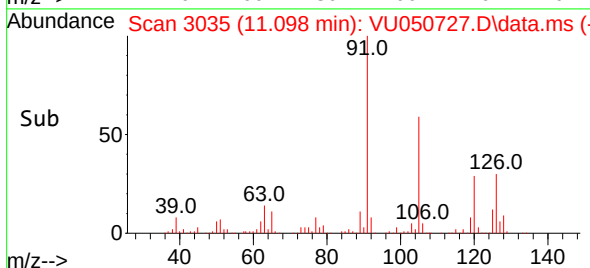
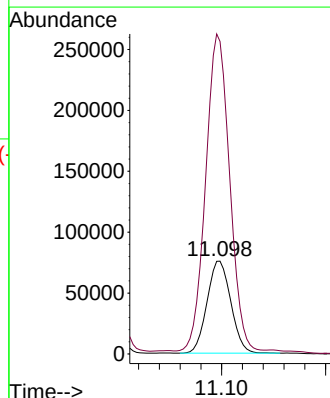
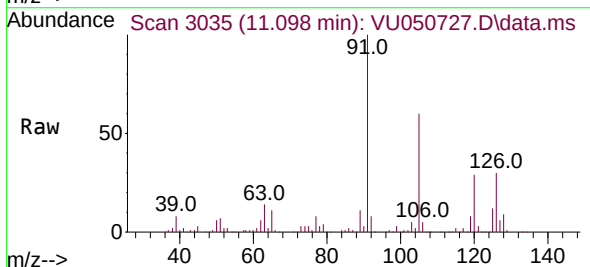
Instrument :
MSVOA_U
ClientSampleId :

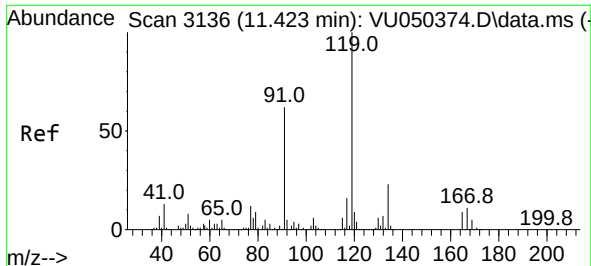
Tgt Ion:105 Resp: 399536
Ion Ratio Lower Upper
105 100
120 47.3 37.6 56.4



#76
4-Chlorotoluene
Concen: 9.166 ug/l
RT: 11.098 min Scan# 3035
Delta R.T. -0.000 min
Lab File: VU050727.D
Acq: 16 Sep 2022 16:50

Tgt Ion:126 Resp: 119962
Ion Ratio Lower Upper
126 100
91 358.7 0.0 738.8

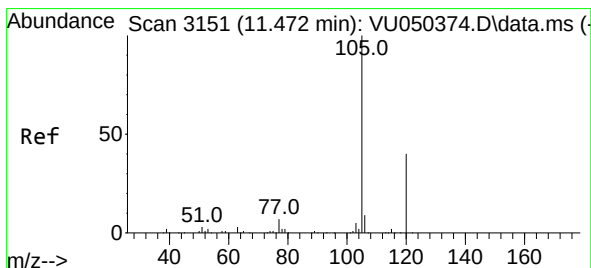
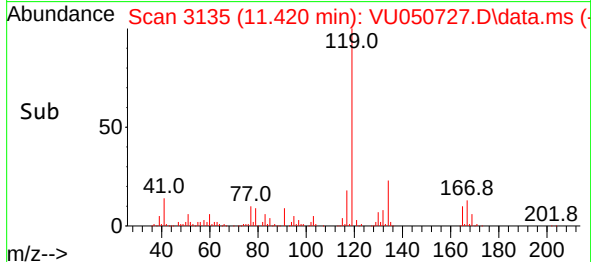
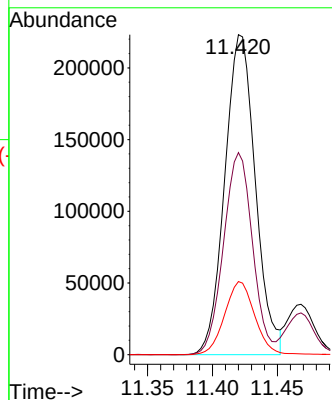
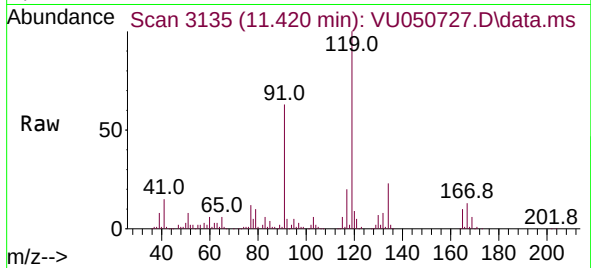




#77
 tert-Butylbenzene
 Concen: 8.802 ug/l
 RT: 11.420 min Scan# 3135
 Delta R.T. -0.000 min
 Lab File: VU050727.D
 Acq: 16 Sep 2022 16:50

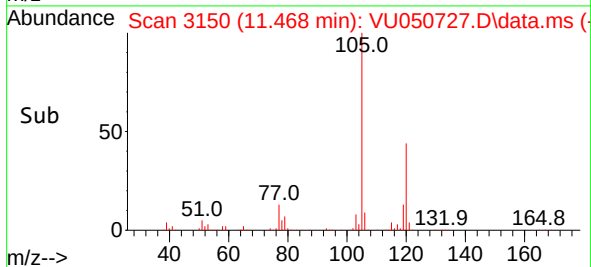
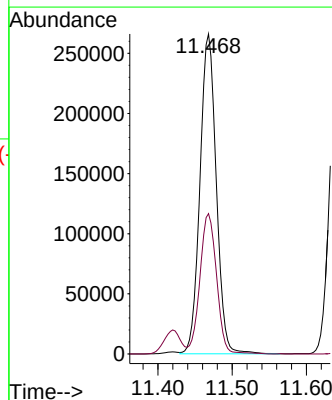
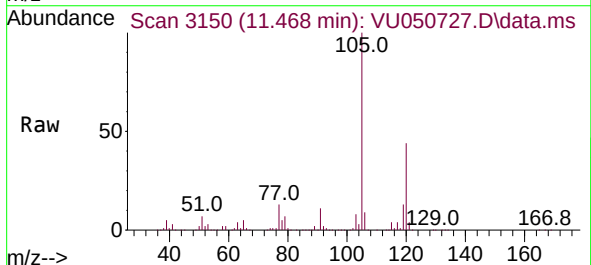
Instrument :
 MSVOA_U
 ClientSampleId :

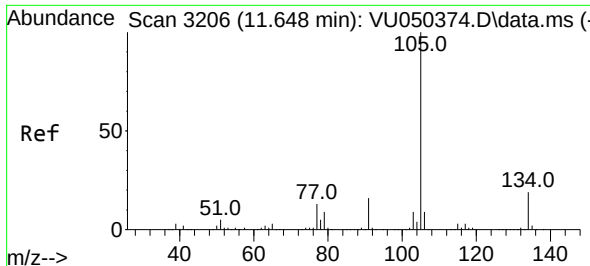
Tgt Ion:119 Resp: 366542
 Ion Ratio Lower Upper
 119 100
 91 59.9 30.4 91.3
 134 22.6 17.8 26.6



#78
 1,2,4-Trimethylbenzene
 Concen: 8.772 ug/l
 RT: 11.468 min Scan# 3150
 Delta R.T. -0.000 min
 Lab File: VU050727.D
 Acq: 16 Sep 2022 16:50

Tgt Ion:105 Resp: 405254
 Ion Ratio Lower Upper
 105 100
 120 44.8 21.6 65.0

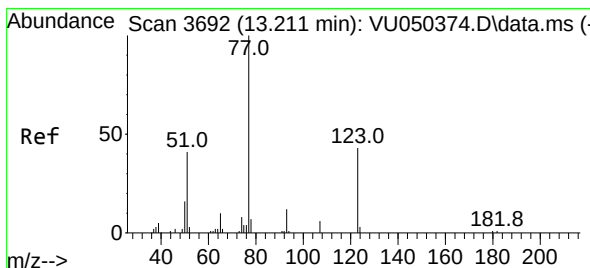
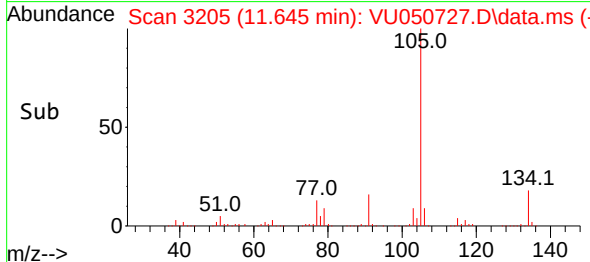
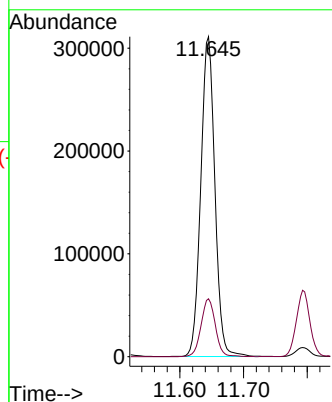
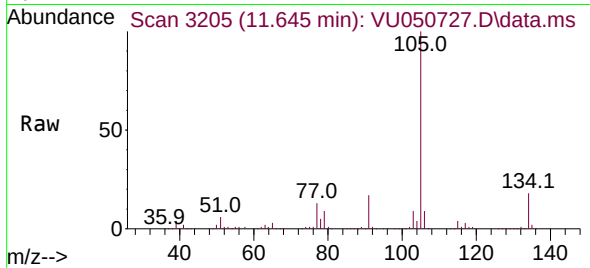




#79
 sec-Butylbenzene
 Concen: 8.433 ug/l
 RT: 11.645 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU050727.D
 Acq: 16 Sep 2022 16:50

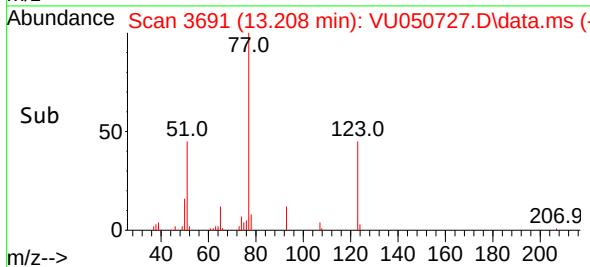
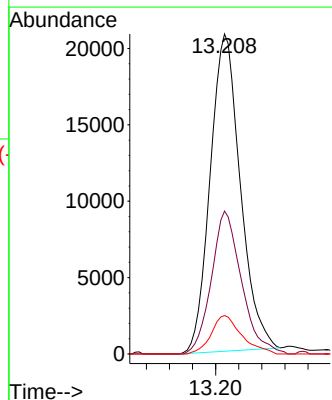
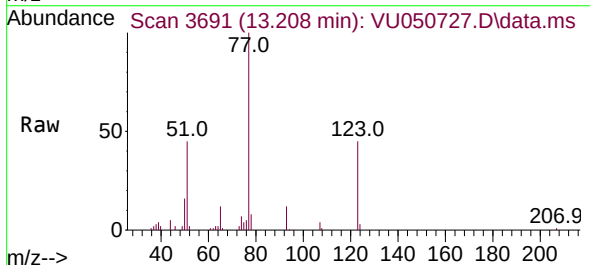
Instrument :
 MSVOA_U
 ClientSampleId :

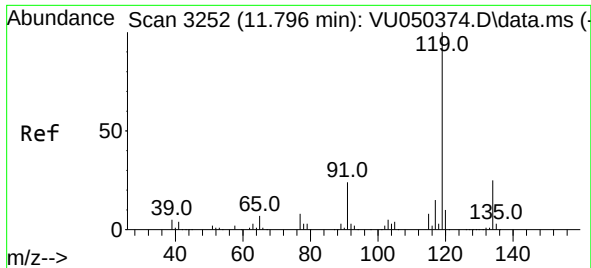
Tgt Ion:105 Resp: 478896
 Ion Ratio Lower Upper
 105 100
 134 18.4 15.4 23.0



#80
 Nitrobenzene
 Concen: 54.544 ug/l
 RT: 13.208 min Scan# 3691
 Delta R.T. -0.000 min
 Lab File: VU050727.D
 Acq: 16 Sep 2022 16:50

Tgt Ion: 77 Resp: 37636
 Ion Ratio Lower Upper
 77 100
 123 44.9 18.1 64.3
 65 12.3 10.8 13.8

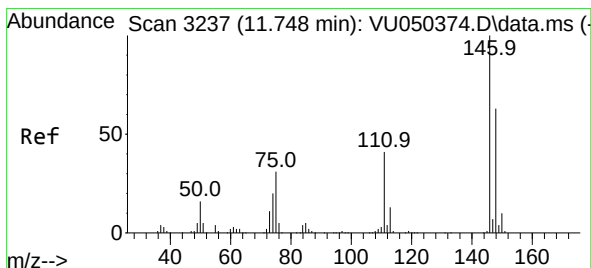
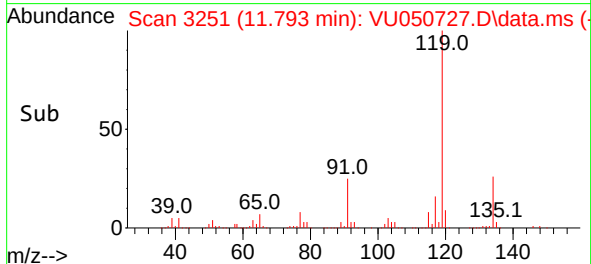
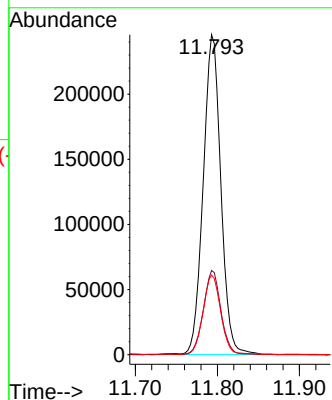
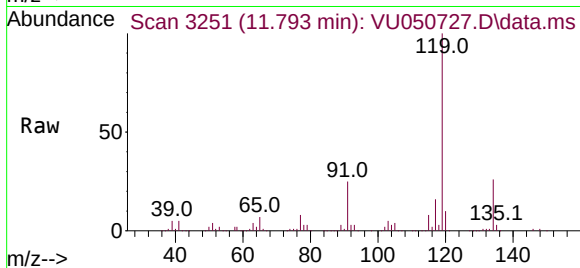




#81
p-Isopropyltoluene
Concen: 7.941 ug/l
RT: 11.793 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU050727.D
Acq: 16 Sep 2022 16:50

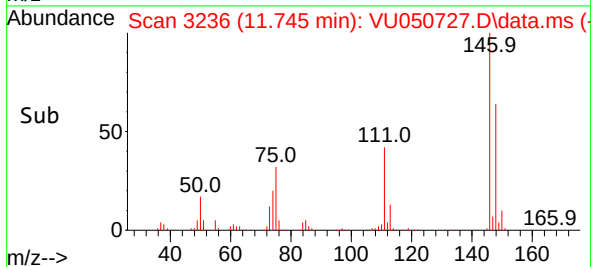
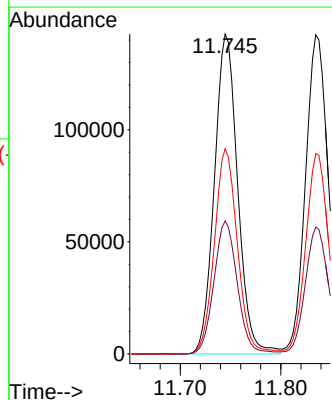
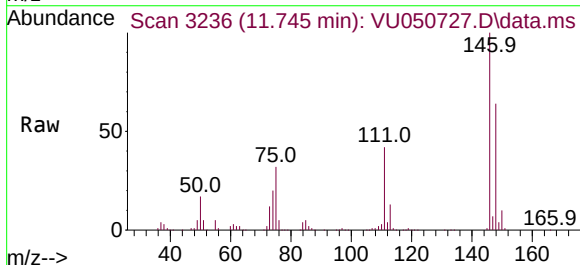
Instrument :
MSVOA_U
ClientSampleId :

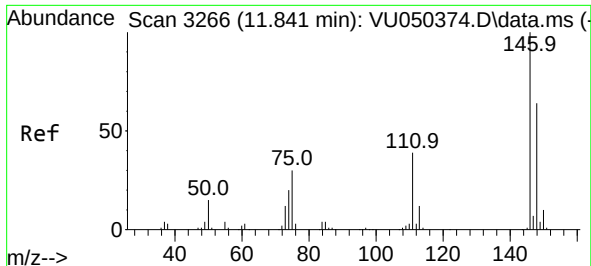
Tgt Ion:119 Resp: 366195
Ion Ratio Lower Upper
119 100
134 25.9 20.5 30.7
91 25.3 19.8 29.6



#82
1,3-Dichlorobenzene
Concen: 10.257 ug/l
RT: 11.745 min Scan# 3236
Delta R.T. -0.000 min
Lab File: VU050727.D
Acq: 16 Sep 2022 16:50

Tgt Ion:146 Resp: 229767
Ion Ratio Lower Upper
146 100
111 41.7 33.4 50.2
148 63.7 51.2 76.8

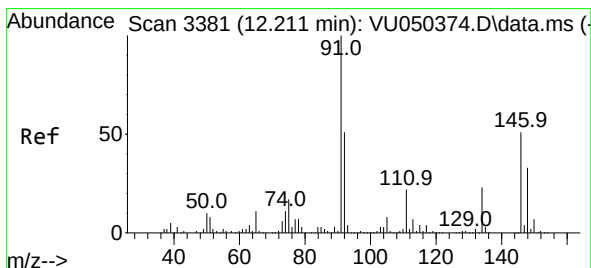
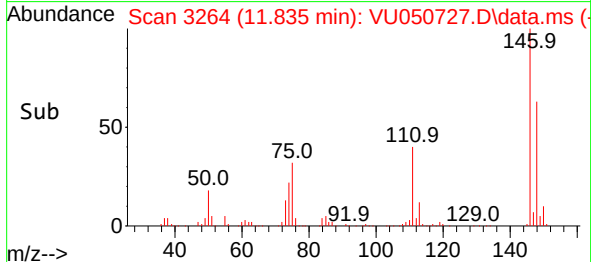
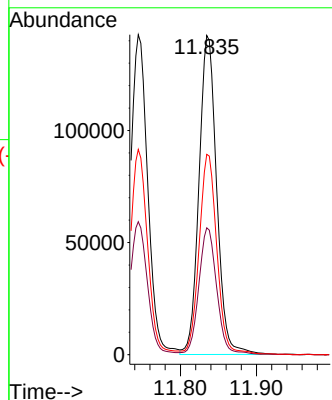
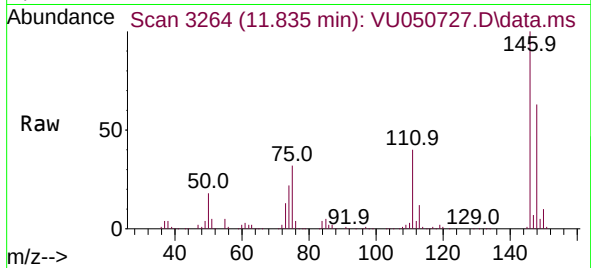




#83
1,4-Dichlorobenzene
Concen: 10.313 ug/l
RT: 11.835 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU050727.D
Acq: 16 Sep 2022 16:50

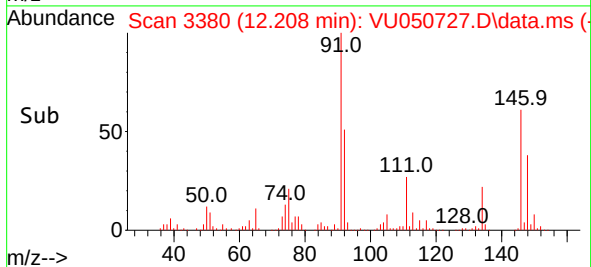
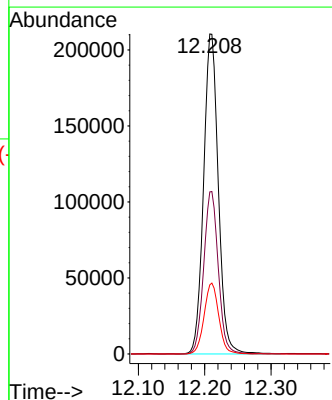
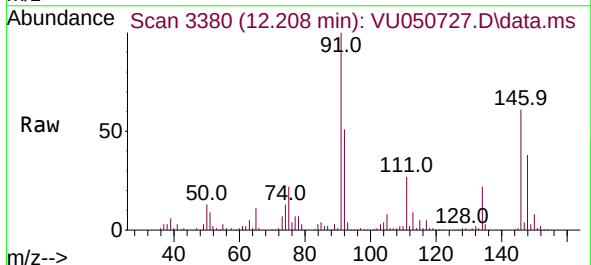
Instrument :
MSVOA_U
ClientSampleId :

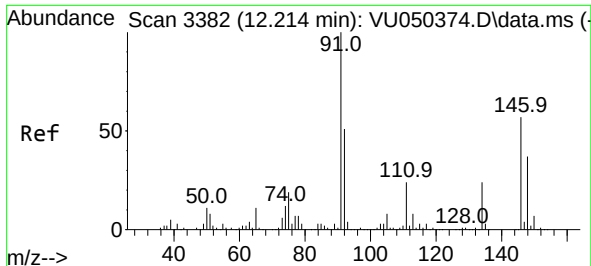
Tgt Ion:146 Resp: 229659
Ion Ratio Lower Upper
146 100
111 39.8 32.6 49.0
148 62.6 51.6 77.4



#84
n-Butylbenzene
Concen: 7.714 ug/l
RT: 12.208 min Scan# 3380
Delta R.T. -0.003 min
Lab File: VU050727.D
Acq: 16 Sep 2022 16:50

Tgt Ion: 91 Resp: 324871
Ion Ratio Lower Upper
91 100
92 50.2 42.3 63.5
134 22.0 19.6 29.4

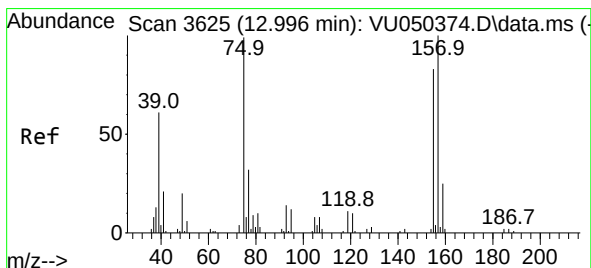
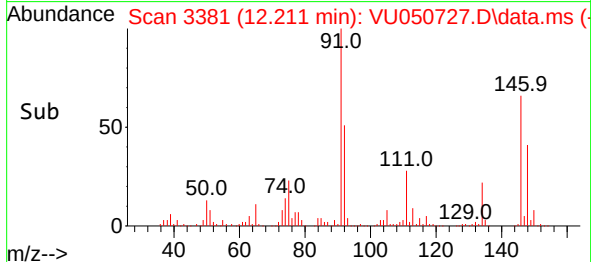
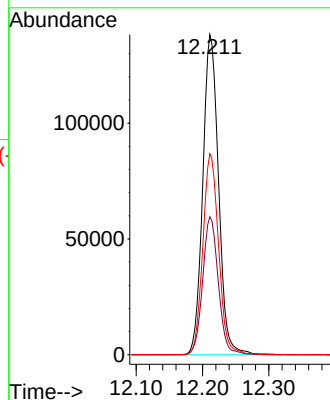
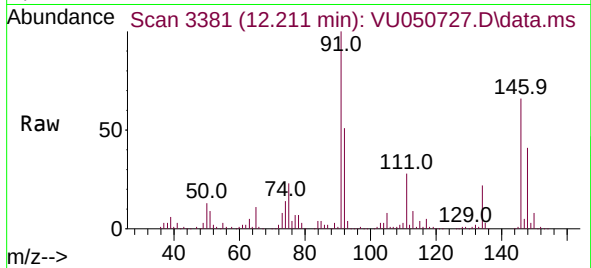




#85
1,2-Dichlorobenzene
Concen: 10.364 ug/l
RT: 12.211 min Scan# 311
Delta R.T. -0.000 min
Lab File: VU050727.D
Acq: 16 Sep 2022 16:50

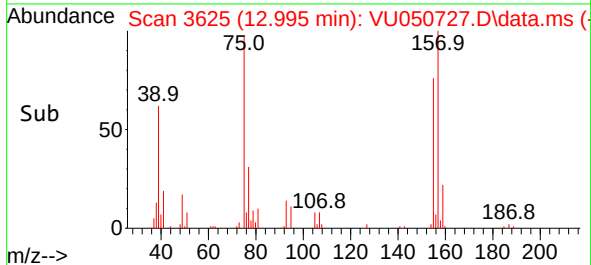
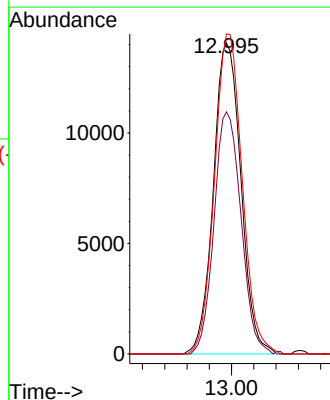
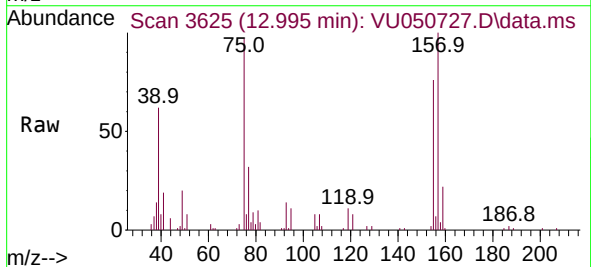
Instrument :
MSVOA_U
ClientSampleId :

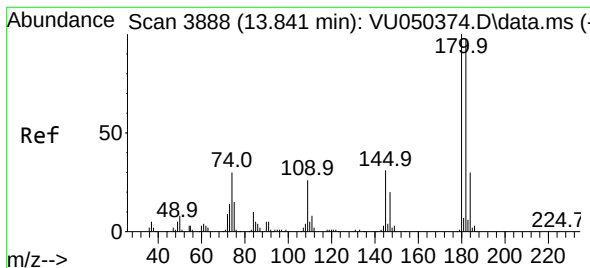
Tgt Ion:146 Resp: 228214
Ion Ratio Lower Upper
146 100
111 42.7 22.1 66.1
148 62.8 32.1 96.3



#86
1,2-Dibromo-3-Chloropropane
Concen: 12.050 ug/l
RT: 12.995 min Scan# 3625
Delta R.T. -0.000 min
Lab File: VU050727.D
Acq: 16 Sep 2022 16:50

Tgt Ion: 75 Resp: 24186
Ion Ratio Lower Upper
75 100
155 76.1 66.8 100.2
157 103.4 83.8 125.8





#87

1,2,4-Trichlorobenzene

Concen: 9.498 ug/l

RT: 13.841 min Scan# 3888

Delta R.T. -0.000 min

Lab File: VU050727.D

Acq: 16 Sep 2022 16:50

Instrument :

MSVOA_U

ClientSampleId :

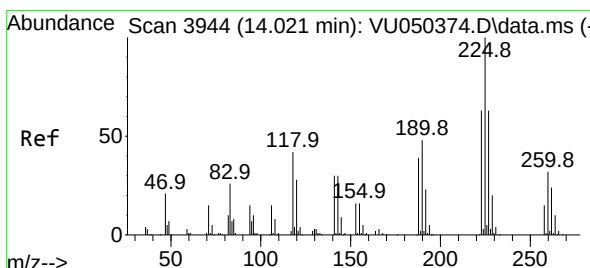
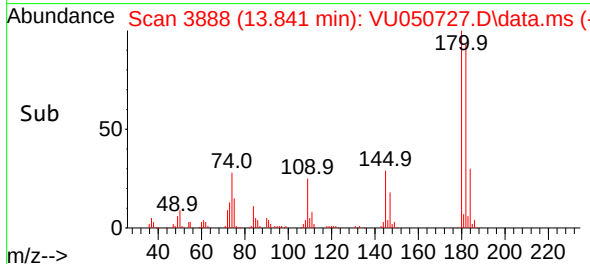
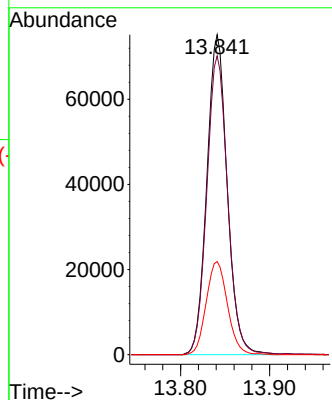
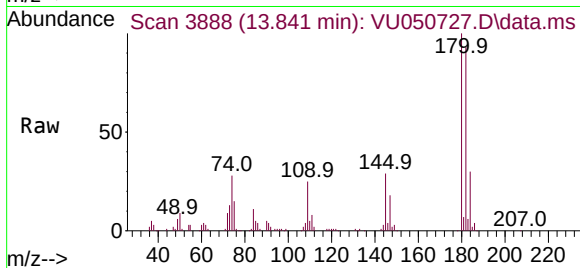
Tgt Ion:180 Resp: 119334

Ion Ratio Lower Upper

180 100

182 95.6 77.0 115.6

145 30.4 25.7 38.5



#88

Hexachlorobutadiene

Concen: 8.410 ug/l

RT: 14.021 min Scan# 3944

Delta R.T. -0.000 min

Lab File: VU050727.D

Acq: 16 Sep 2022 16:50

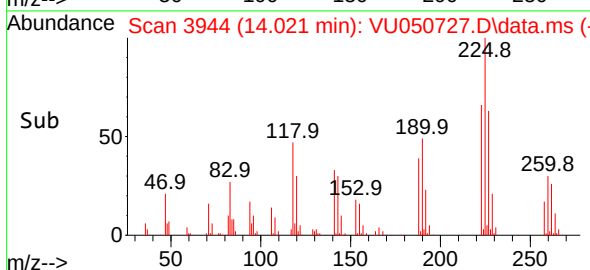
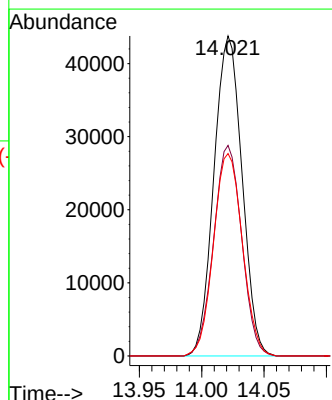
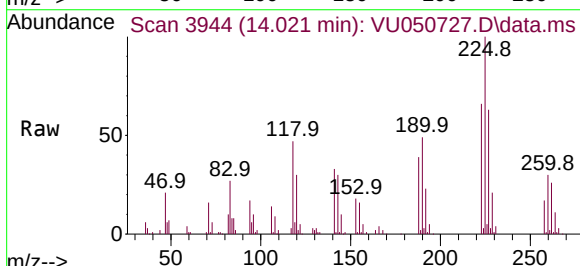
Tgt Ion:225 Resp: 68767

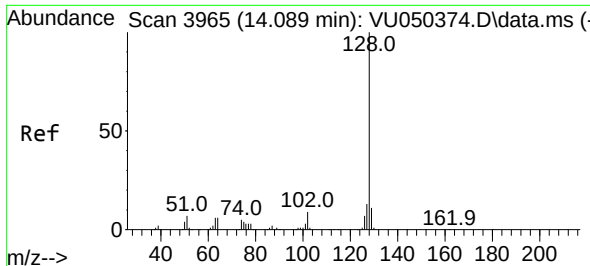
Ion Ratio Lower Upper

225 100

223 65.6 50.6 76.0

227 64.8 50.7 76.1

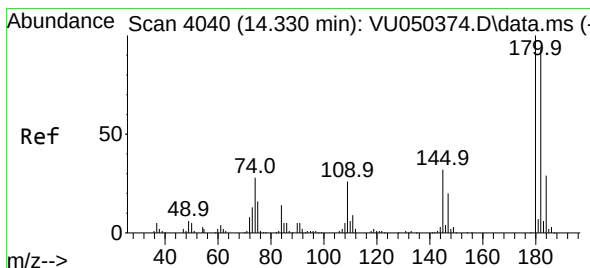
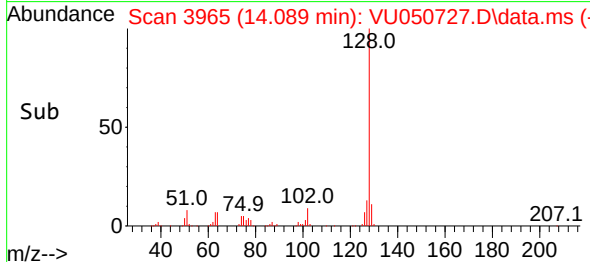
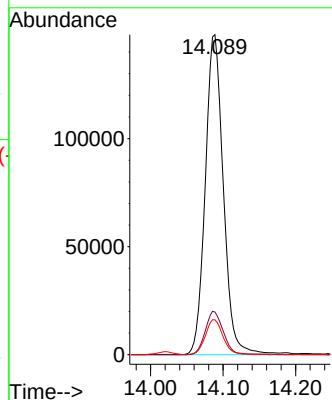
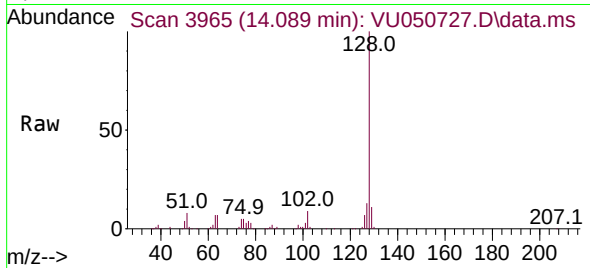




#89
Naphthalene
Concen: 7.778 ug/l
RT: 14.089 min Scan# 3965
Delta R.T. -0.000 min
Lab File: VU050727.D
Acq: 16 Sep 2022 16:50

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 256921
Ion Ratio Lower Upper
128 100
127 13.6 10.1 15.1
129 10.7 8.6 12.8



#90
1,2,3-Trichlorobenzene
Concen: 8.160 ug/l
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU050727.D
Acq: 16 Sep 2022 16:50

Tgt Ion:180 Resp: 130905
Ion Ratio Lower Upper
180 100
182 95.0 76.6 114.8
145 32.1 27.3 40.9

