

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081022\Not Reviewed Data\
 Data File : VU050211.D
 Acq On : 10 Aug 2022 10:37
 Operator : SY/MD
 Sample : VSTDIC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Quant Time: Aug 10 15:56:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U081022DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Aug 10 15:54:10 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.115	96	29372	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.632	95	9967	0.989	ug/l	0.00
Spiked Amount 1.000			Recovery	=	99.000%	
68) 1,2-Dichlorobenzene-d4	12.192	152	10410	1.022	ug/l	0.00
Spiked Amount 1.000			Recovery	=	102.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.382	85	49214	4.651	ug/l	98
3) Chloromethane	1.517	50	61104	4.605	ug/l	100
4) Vinyl Chloride	1.600	62	57777	4.905	ug/l	100
5) Bromomethane	1.854	94	16524	4.659	ug/l	100
6) Chloroethane	1.932	64	34040	4.780	ug/l	98
7) Trichlorofluoromethane	2.134	101	62267	4.818	ug/l	97
8) 1,1,2-Trichloro-1,2,2-...	2.575	101	32801	4.778	ug/l	98
9) 1,1-Dichloroethene	2.575	96	37389	4.801	ug/l	94
10) Iodomethane	2.716	142	32003	4.927	ug/l	93
11) Allyl Chloride	2.922	41	53451	4.951	ug/l	98
12) Acrylonitrile	3.330	53	22247	10.771	ug/l	96
13) Acetone	2.658	43	38921	25.216	ug/l	89
14) Carbon Disulfide	2.790	76	135700	4.599	ug/l	100
15) Methylene Chloride	3.041	84	50283	4.311	ug/l	92
16) trans-1,2-Dichloroethene	3.350	96	42758	4.960	ug/l	91
17) 1,1-Dichloroethane	3.867	63	79893	4.909	ug/l	99
18) 2-Butanone	4.723	43	64768	25.920	ug/l	99
19) Cyclohexane	5.388	56	47355	4.352	ug/l	86
20) Methylcyclohexane	6.764	83	51856	4.851	ug/l	99
21) 2,2-Dichloropropane	4.665	77	56791	4.634	ug/l	100
22) cis-1,2-Dichloroethene	4.668	96	47923	4.930	ug/l	97
23) Diethyl Ether	2.375	59	34275	4.933	ug/l	98
24) tert-Butyl Alcohol	3.189	59	9542	18.171	ug/l	# 73
25) Methyl tert-Butyl Ether	3.366	73	98472	4.926	ug/l	94
26) Bromochloromethane	4.977	128	22536	5.022	ug/l	94
27) Chloroform	5.089	83	81950	4.886	ug/l	97
28) 1,1,1-Trichloroethane	5.314	97	64718	4.903	ug/l	100
29) 1,1-Dichloropropene	5.526	75	55151	5.034	ug/l	99
30) Carbon Tetrachloride	5.523	117	54022	4.981	ug/l	98
31) Isopropyl Ether	3.993	45	110651	5.019	ug/l	92
32) Ethyl-t-butyl ether	4.504	59	103561	4.912	ug/l	97
33) Tert-Amyl methyl ether	5.941	73	93566	5.027	ug/l	99
34) Propionitrile	4.803	54	21748	24.620	ug/l	# 83
35) Benzene	5.774	78	181989	5.012	ug/l	98
36) 1,2-Dichloroethane	5.793	62	51705	4.931	ug/l	98
37) Trichloroethene	6.542	130	42676	4.952	ug/l	98
38) 1,2-Dichloropropane	6.793	63	48918	4.920	ug/l	99
39) Methacrylonitrile	4.977	41	14174	5.126	ug/l	# 93
40) Methyl acrylate	4.851	55	25106	4.677	ug/l	# 98
41) Tetrahydrofuran	5.070	42	16776	10.172	ug/l	100
42) 1-Chlorobutane	5.459	56	76592	5.011	ug/l	95
43) Dibromomethane	6.919	93	25872	5.025	ug/l	97
44) Bromodichloromethane	7.105	83	60181	4.978	ug/l	96

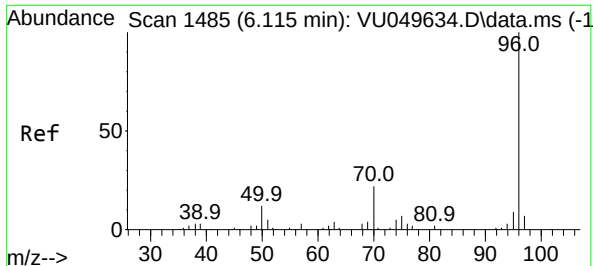
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Quant Time: Aug 10 15:56:46 2022
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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.793	43	143819	25.176	ug/l	97
46) t-1,4-Dichloro-2-butene	10.825	75	53834	23.830	ug/l #	47
47) Methyl methacrylate	6.964	69	46350	10.367	ug/l	92
48) Ethyl methacrylate	8.333	69	41928	5.114	ug/l	90
49) Toluene	7.970	92	106136	5.172	ug/l	98
50) t-1,3-Dichloropropene	8.211	75	52863	4.995	ug/l	96
51) cis-1,3-Dichloropropene	7.607	75	62216	4.970	ug/l	93
52) 1,1,2-Trichloroethane	8.401	97	36578	4.981	ug/l	99
53) 1,3-Dichloropropane	8.574	76	61054	4.929	ug/l	99
54) 2-Hexanone	8.687	43	100072	24.829	ug/l	99
55) Dibromochloromethane	8.809	129	40108	4.914	ug/l	98
56) 1,2-Dibromoethane	8.925	107	33795	5.013	ug/l	100
58) Tetrachloroethene	8.552	164	35815	4.905	ug/l	99
59) Chlorobenzene	9.446	112	108048	4.959	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.533	131	42474	4.976	ug/l	97
61) Pentachloroethane	11.426	117	34240	4.943	ug/l	96
62) Hexachloroethane	12.475	117	26676	4.879	ug/l	99
63) Ethyl Benzene	9.571	91	182978	5.173	ug/l	99
64) m/p-Xylenes	9.693	106	145165	10.803	ug/l	99
65) o-Xylene	10.102	106	70151	5.345	ug/l	98
66) Styrene	10.115	104	114123	5.447	ug/l	97
67) Bromoform	10.291	173	23086	4.893	ug/l	99
69) Isopropylbenzene	10.484	105	170294	5.195	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.783	83	47814	4.840	ug/l	98
71) 1,2,3-Trichloropropane	10.825	75	53834	7.421	ug/l	73
72) Bromobenzene	10.783	156	44527	4.983	ug/l	98
73) n-propylbenzene	10.906	120	42985	5.281	ug/l	99
74) 2-Chlorotoluene	10.986	126	44687	5.348	ug/l	98
75) 1,3,5-Trimethylbenzene	11.089	105	153981	5.509	ug/l	99
76) 4-Chlorotoluene	11.098	126	45042	5.447	ug/l	92
77) tert-Butylbenzene	11.420	119	143270	5.168	ug/l	97
78) 1,2,4-Trimethylbenzene	11.468	105	154187	5.411	ug/l	98
79) sec-Butylbenzene	11.645	105	177217	5.262	ug/l	98
80) Nitrobenzene	13.208	77	9010	23.275	ug/l	98
81) p-Isopropyltoluene	11.793	119	140619	5.268	ug/l	99
82) 1,3-Dichlorobenzene	11.745	146	86429	5.101	ug/l	99
83) 1,4-Dichlorobenzene	11.835	146	84164	5.113	ug/l	99
84) n-Butylbenzene	12.208	91	117441	5.060	ug/l	97
85) 1,2-Dichlorobenzene	12.211	146	83351	5.072	ug/l	98
86) 1,2-Dibromo-3-Chloropr...	12.996	75	7381	4.868	ug/l	99
87) 1,2,4-Trichlorobenzene	13.841	180	45885	4.993	ug/l	97
88) Hexachlorobutadiene	14.021	225	26034	4.844	ug/l	99
89) Naphthalene	14.086	128	90319	4.763	ug/l	99
90) 1,2,3-Trichlorobenzene	14.330	180	47141	4.983	ug/l	99

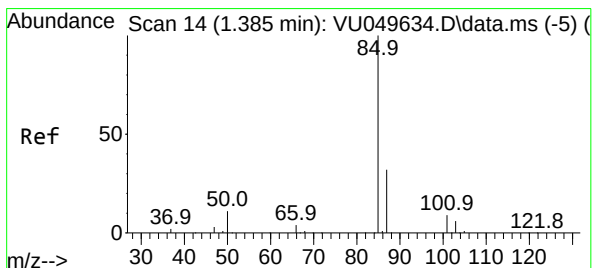
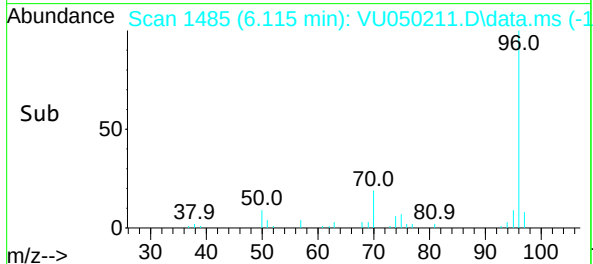
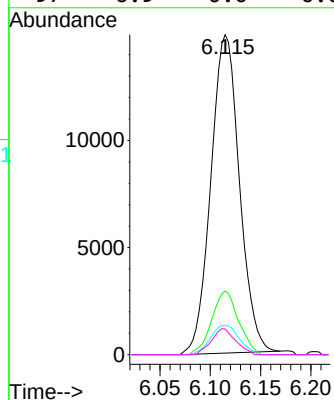
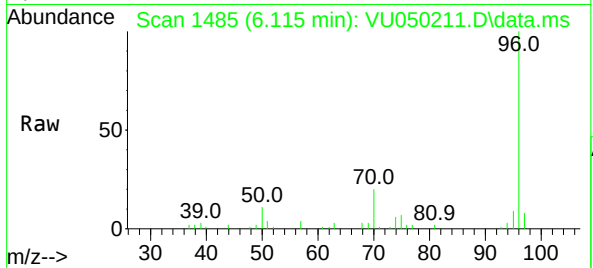
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.115 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU050211.D
Acq: 10 Aug 2022 10:37

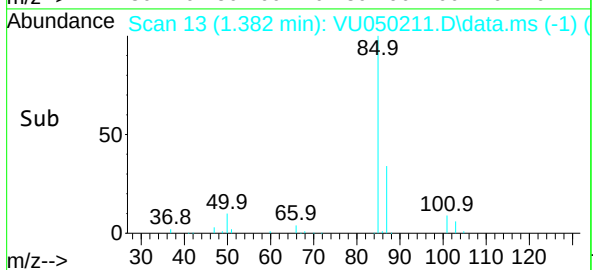
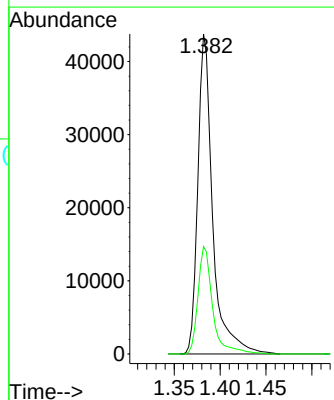
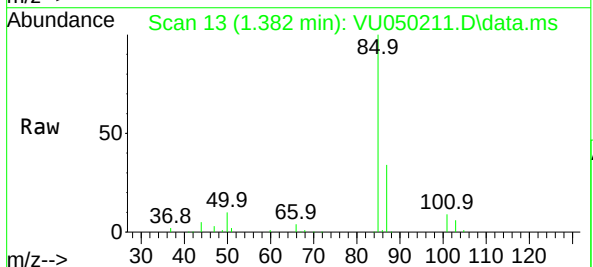
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

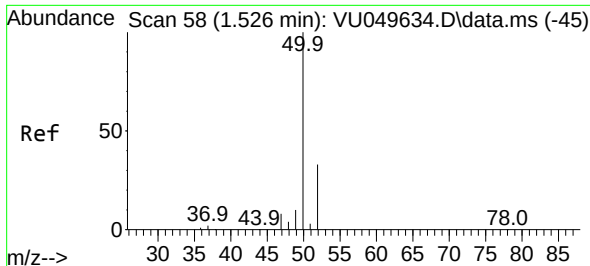
Tgt Ion: 96	Resp: 29372
Ion Ratio	Lower Upper
96 100	
70 18.7	16.7 25.1
95 9.2	7.4 11.0
97 6.9	0.0 0.0#



#2
Dichlorodifluoromethane
Concen: 4.651 ug/l
RT: 1.382 min Scan# 13
Delta R.T. -0.003 min
Lab File: VU050211.D
Acq: 10 Aug 2022 10:37

Tgt Ion: 85	Resp: 49214
Ion Ratio	Lower Upper
85 100	
87 33.6	16.3 48.8

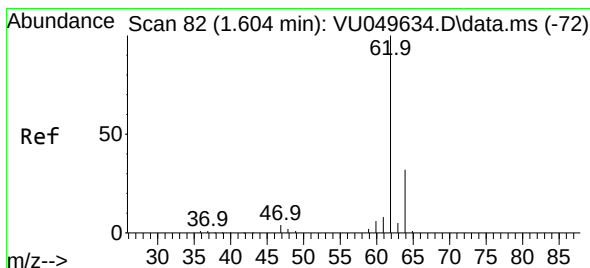
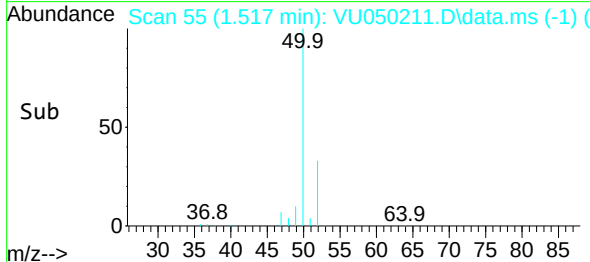
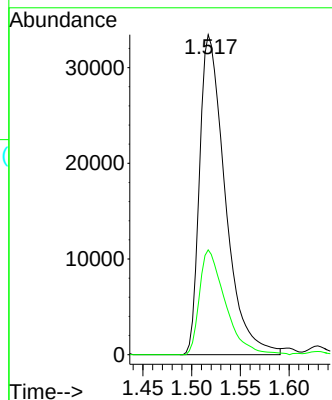
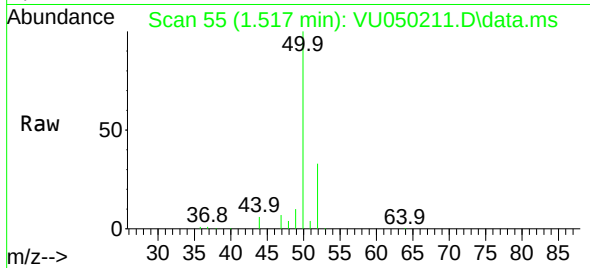




#3
Chloromethane
Concen: 4.605 ug/l
RT: 1.517 min Scan# 51
Delta R.T. -0.010 min
Lab File: VU050211.D
Acq: 10 Aug 2022 10:37

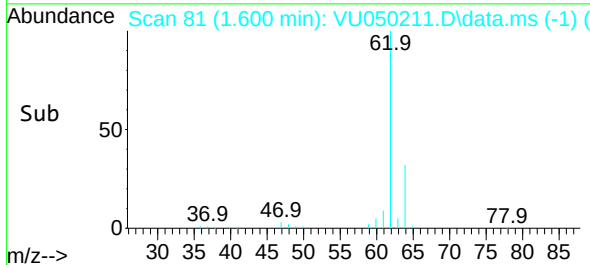
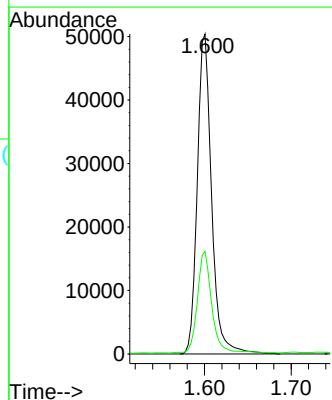
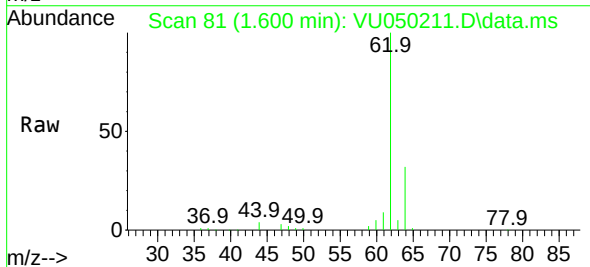
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

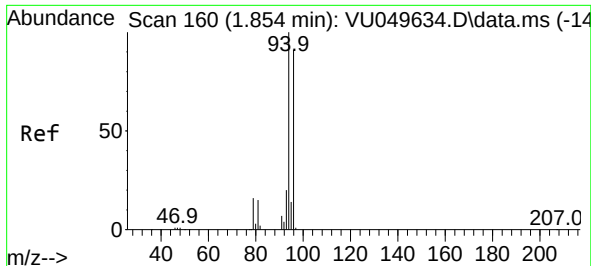
Tgt Ion: 50 Resp: 61104
Ion Ratio Lower Upper
50 100
52 32.7 26.1 39.1



#4
Vinyl Chloride
Concen: 4.905 ug/l
RT: 1.600 min Scan# 81
Delta R.T. -0.003 min
Lab File: VU050211.D
Acq: 10 Aug 2022 10:37

Tgt Ion: 62 Resp: 57777
Ion Ratio Lower Upper
62 100
64 31.7 25.5 38.3

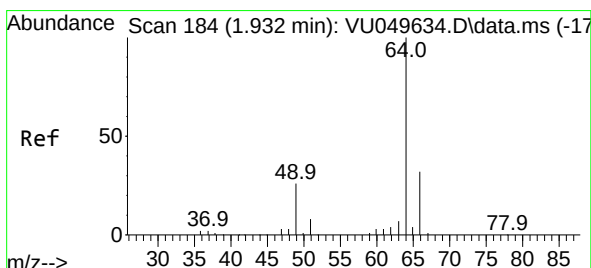
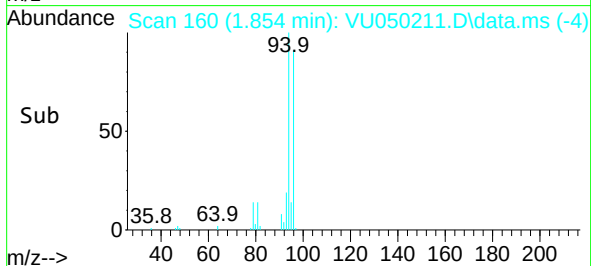
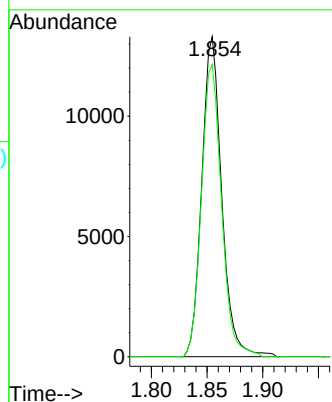
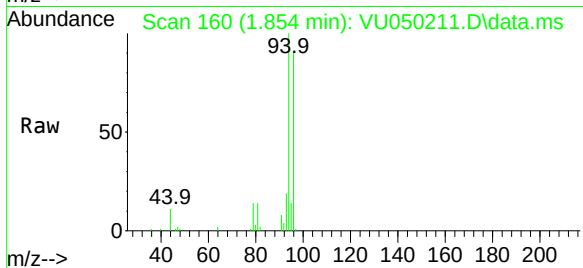




#5
Bromomethane
Concen: 4.659 ug/l
RT: 1.854 min Scan# 160
Delta R.T. 0.000 min
Lab File: VU050211.D
Acq: 10 Aug 2022 10:37

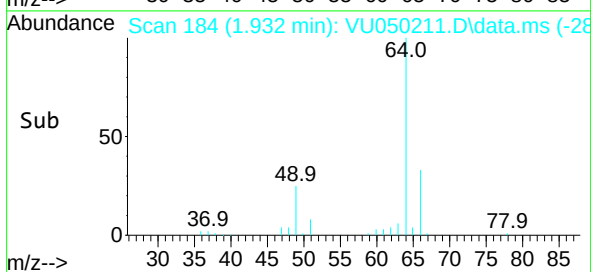
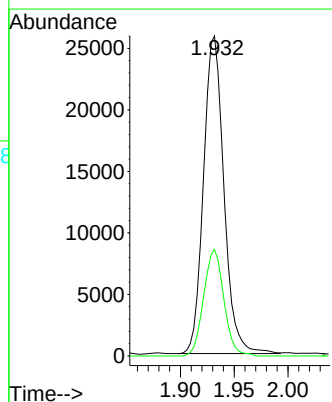
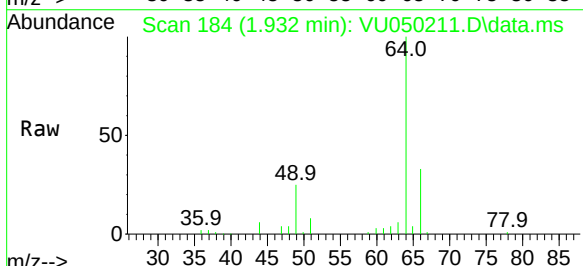
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ClientSampleId :
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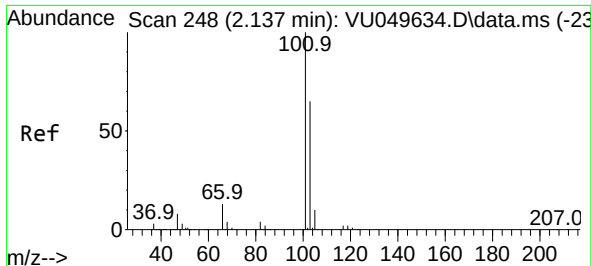
Tgt Ion: 94 Resp: 16524
Ion Ratio Lower Upper
94 100
96 91.3 73.0 109.6



#6
Chloroethane
Concen: 4.780 ug/l
RT: 1.932 min Scan# 184
Delta R.T. 0.000 min
Lab File: VU050211.D
Acq: 10 Aug 2022 10:37

Tgt Ion: 64 Resp: 34040
Ion Ratio Lower Upper
64 100
66 33.6 25.8 38.6

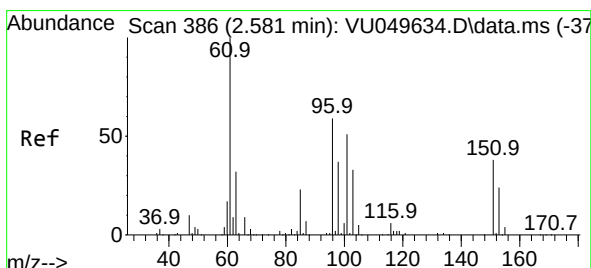
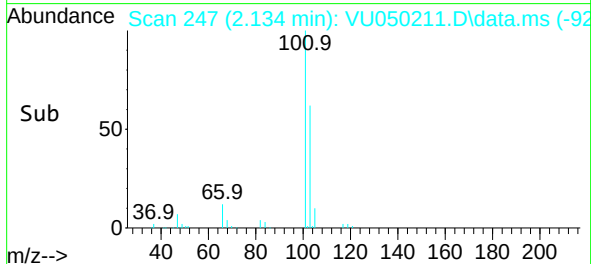
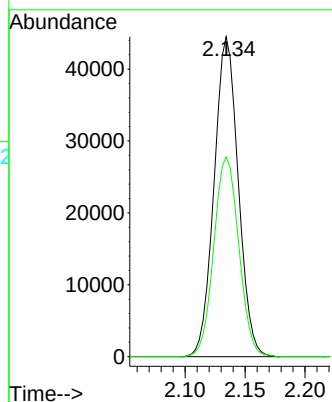
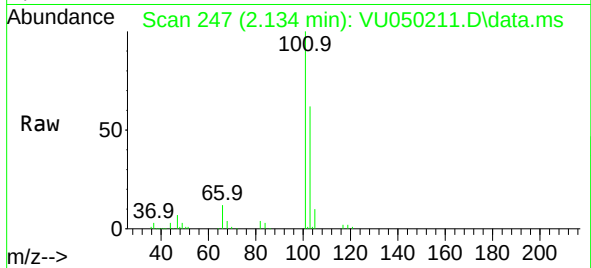




#7
 Trichlorofluoromethane
 Concen: 4.818 ug/l
 RT: 2.134 min Scan# 248
 Delta R.T. -0.003 min
 Lab File: VU050211.D
 Acq: 10 Aug 2022 10:37

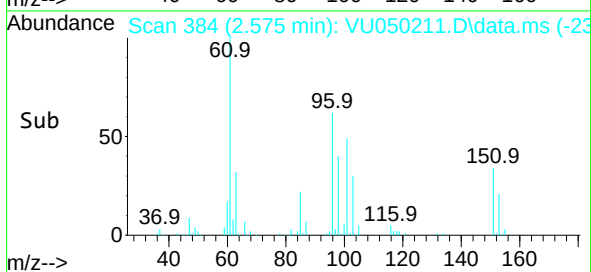
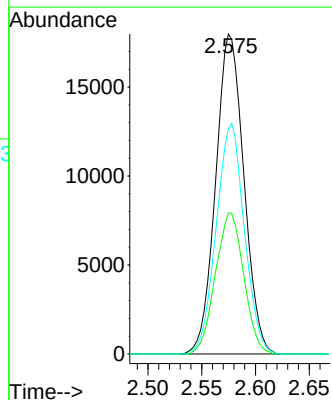
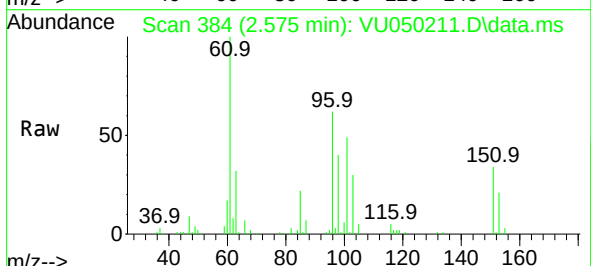
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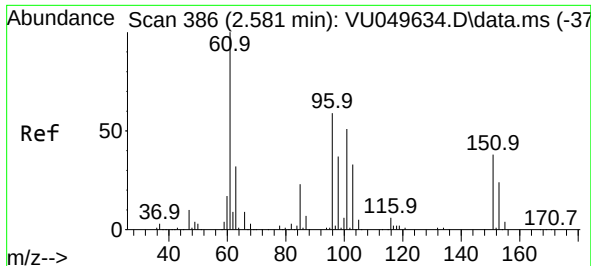
Tgt Ion:101 Resp: 62267
 Ion Ratio Lower Upper
 101 100
 103 62.5 51.8 77.6



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.778 ug/l
 RT: 2.575 min Scan# 384
 Delta R.T. -0.006 min
 Lab File: VU050211.D
 Acq: 10 Aug 2022 10:37

Tgt Ion:101 Resp: 32801
 Ion Ratio Lower Upper
 101 100
 85 44.3 36.4 54.6
 151 71.9 59.1 88.7

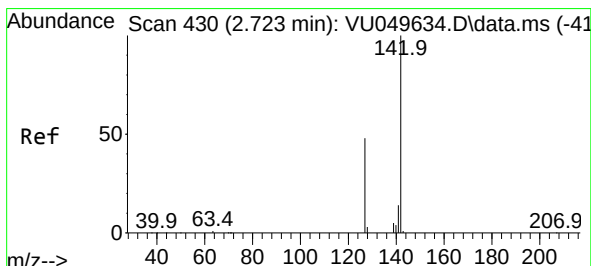
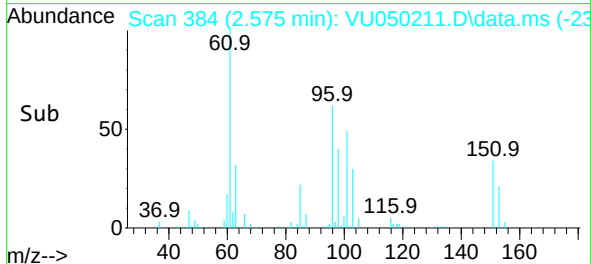
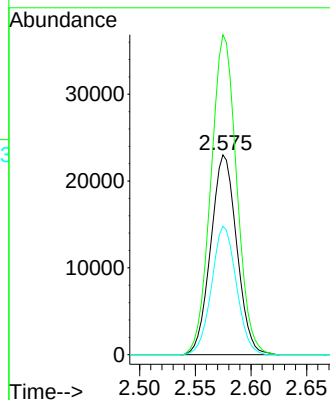
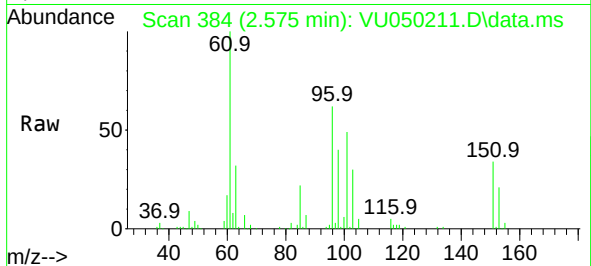




#9
1,1-Dichloroethene
Concen: 4.801 ug/l
RT: 2.575 min Scan# 31
Delta R.T. -0.006 min
Lab File: VU050211.D
Acq: 10 Aug 2022 10:37

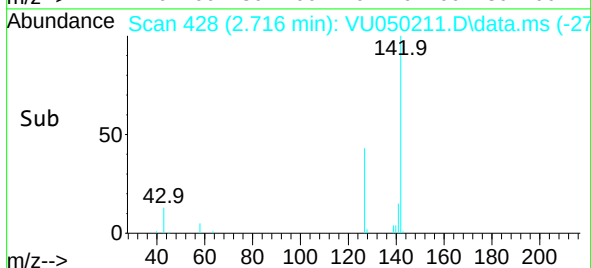
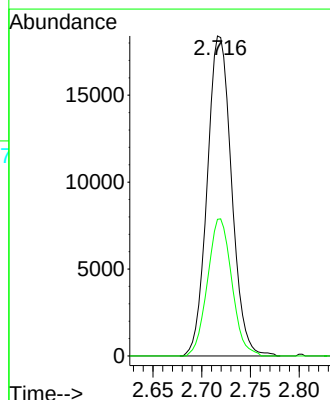
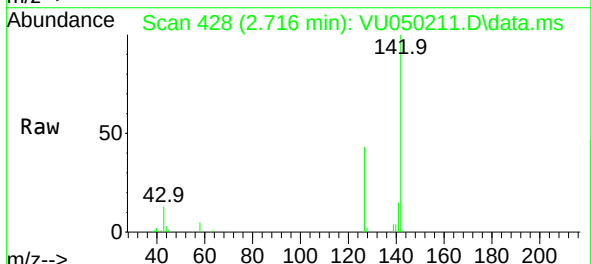
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ClientSampleId :
VSTDIC005

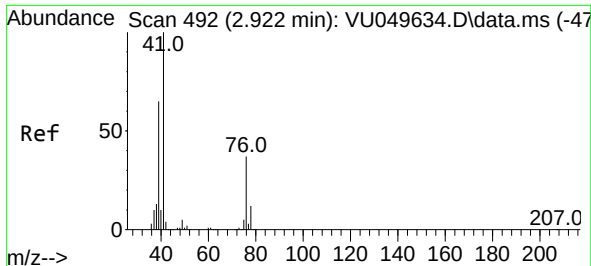
Tgt Ion: 96 Resp: 37389
Ion Ratio Lower Upper
96 100
61 160.1 0.0 510.6
98 64.3 0.0 124.6



#10
Iodomethane
Concen: 4.927 ug/l
RT: 2.716 min Scan# 428
Delta R.T. -0.006 min
Lab File: VU050211.D
Acq: 10 Aug 2022 10:37

Tgt Ion: 142 Resp: 32003
Ion Ratio Lower Upper
142 100
127 42.7 38.2 57.2

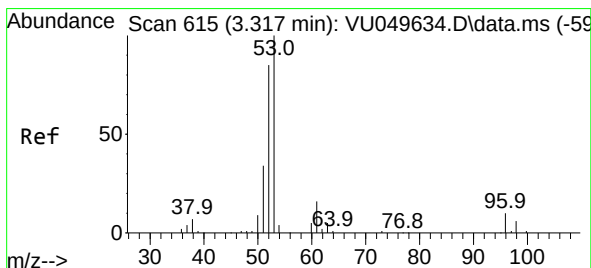
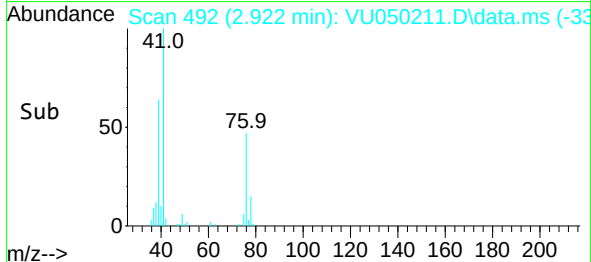
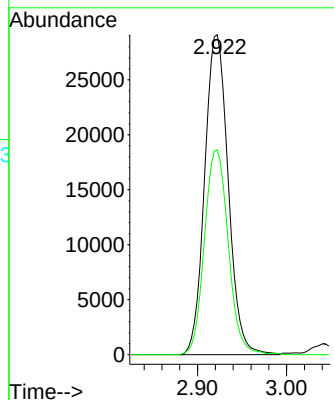
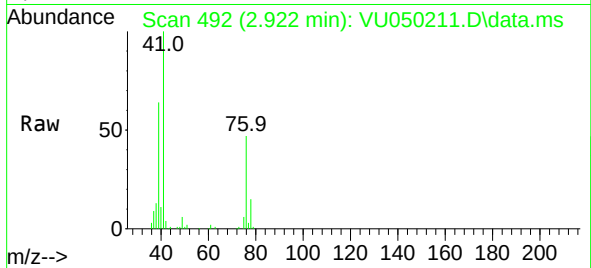




#11
 Allyl Chloride
 Concen: 4.951 ug/l
 RT: 2.922 min Scan# 492
 Delta R.T. 0.000 min
 Lab File: VU050211.D
 Acq: 10 Aug 2022 10:37

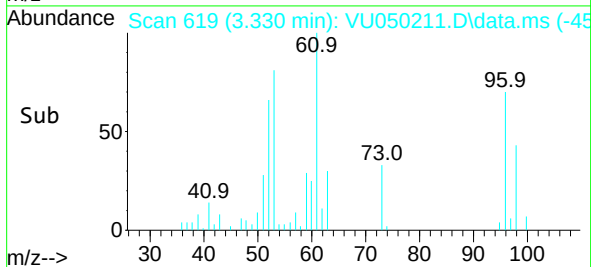
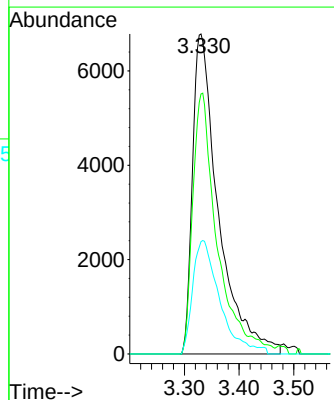
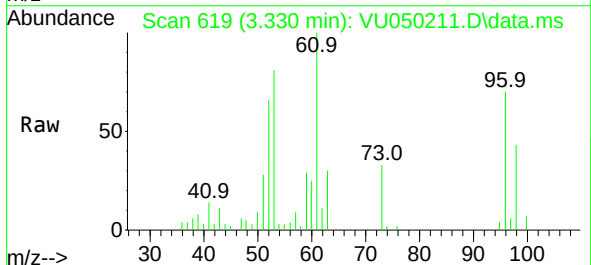
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

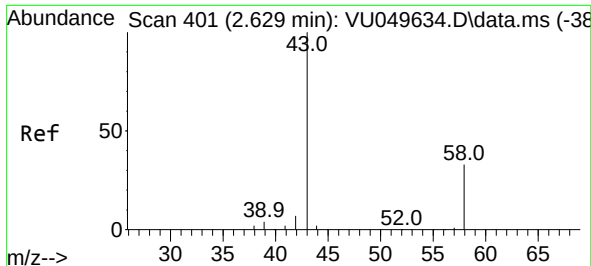
Tgt Ion: 41 Resp: 53451
 Ion Ratio Lower Upper
 41 100
 39 64.7 53.2 79.8



#12
 Acrylonitrile
 Concen: 10.771 ug/l
 RT: 3.330 min Scan# 619
 Delta R.T. 0.013 min
 Lab File: VU050211.D
 Acq: 10 Aug 2022 10:37

Tgt Ion: 53 Resp: 22247
 Ion Ratio Lower Upper
 53 100
 52 76.8 64.6 97.0
 51 36.8 30.7 46.1





#13

Acetone

Concen: 25.216 ug/l

RT: 2.658 min Scan# 41

Delta R.T. 0.029 min

Lab File: VU050211.D

Acq: 10 Aug 2022 10:37

Instrument :

MSVOA_U

ClientSampleId :

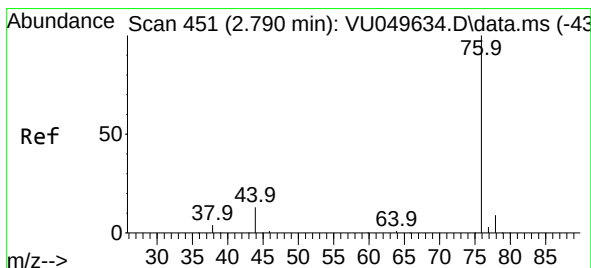
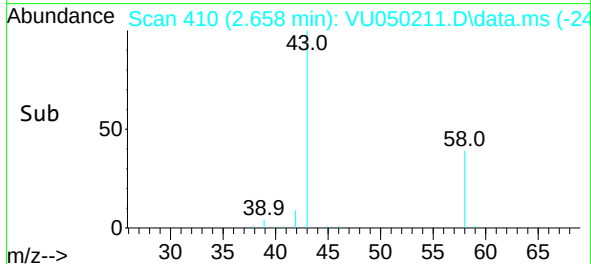
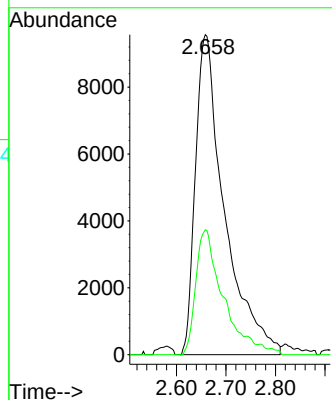
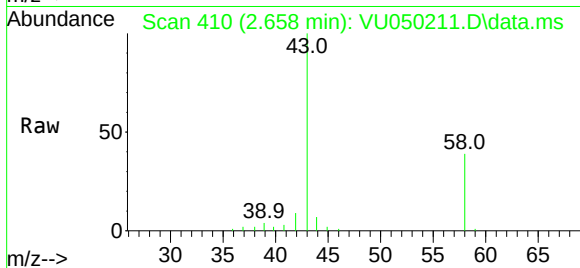
VSTDIC005

Tgt Ion: 43 Resp: 38921

Ion Ratio Lower Upper

43 100

58 39.0 26.2 39.2



#14

Carbon Disulfide

Concen: 4.599 ug/l

RT: 2.790 min Scan# 451

Delta R.T. 0.000 min

Lab File: VU050211.D

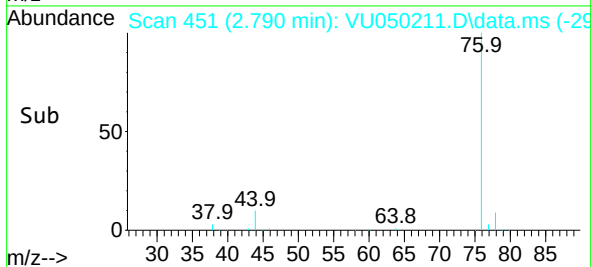
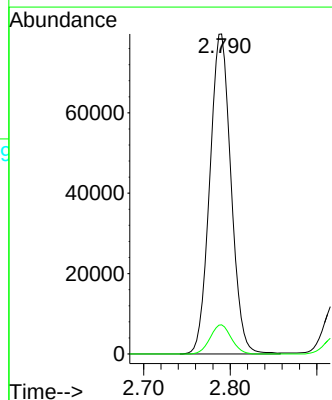
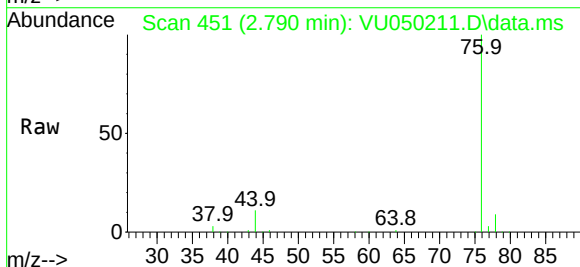
Acq: 10 Aug 2022 10:37

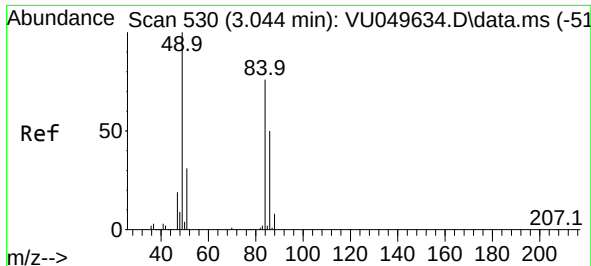
Tgt Ion: 76 Resp: 135700

Ion Ratio Lower Upper

76 100

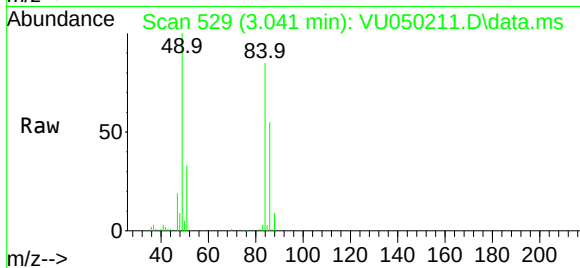
78 9.1 7.4 11.0





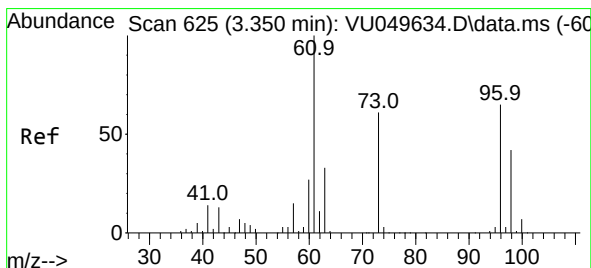
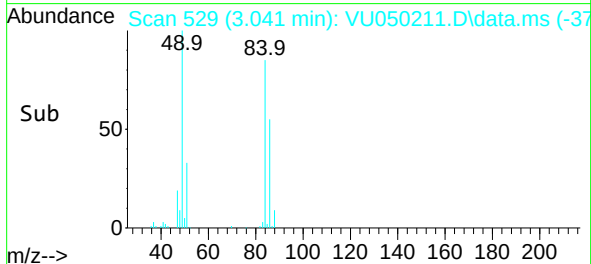
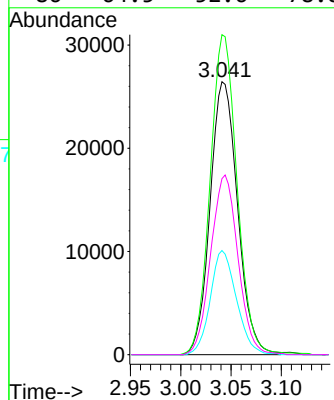
#15
Methylene Chloride
Concen: 4.311 ug/l
RT: 3.041 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU050211.D
Acq: 10 Aug 2022 10:37

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



Tgt Ion: 84 Resp: 50283

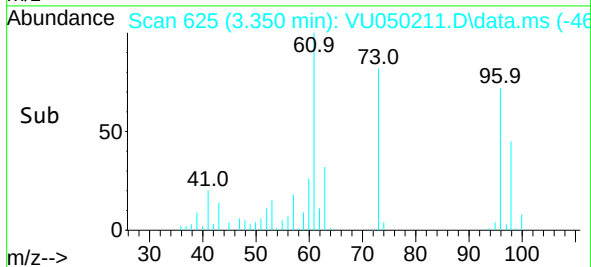
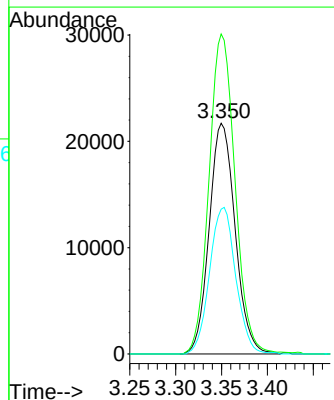
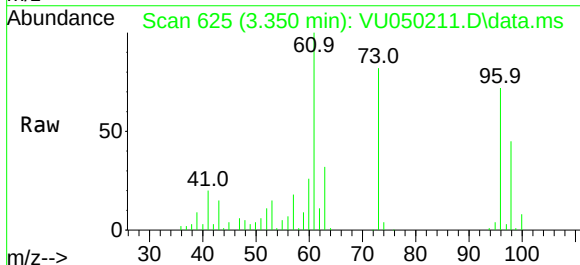
Ion	Ratio	Lower	Upper
84	100		
49	117.2	104.6	157.0
51	38.2	0.0	81.4
86	64.5	52.6	78.8

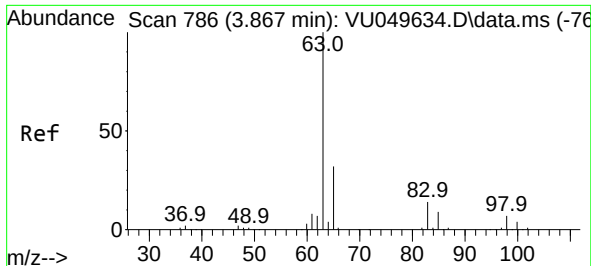


#16
trans-1,2-Dichloroethene
Concen: 4.960 ug/l
RT: 3.350 min Scan# 625
Delta R.T. 0.000 min
Lab File: VU050211.D
Acq: 10 Aug 2022 10:37

Tgt Ion: 96 Resp: 42758

Ion	Ratio	Lower	Upper
96	100		
61	138.7	123.4	185.0
98	62.8	51.6	77.4

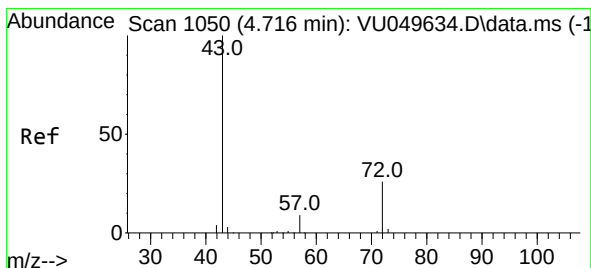
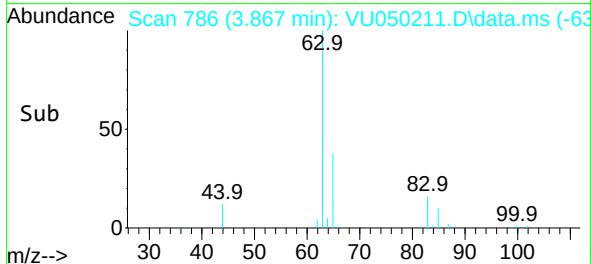
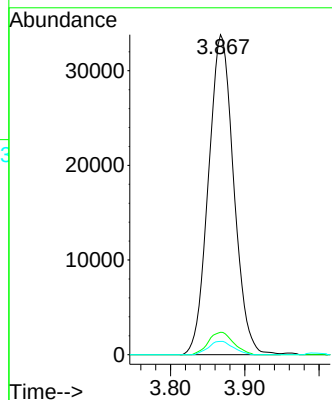
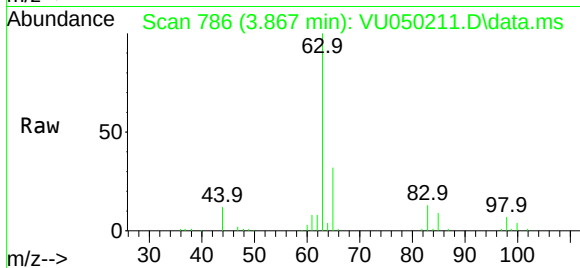




#17
 1,1-Dichloroethane
 Concen: 4.909 ug/l
 RT: 3.867 min Scan# 786
 Delta R.T. 0.000 min
 Lab File: VU050211.D
 Acq: 10 Aug 2022 10:37

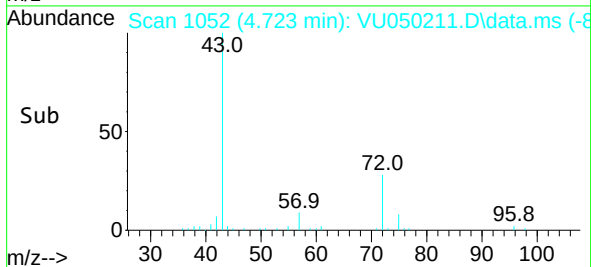
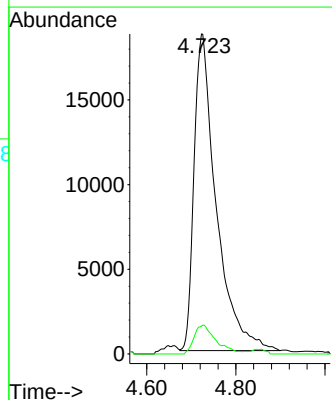
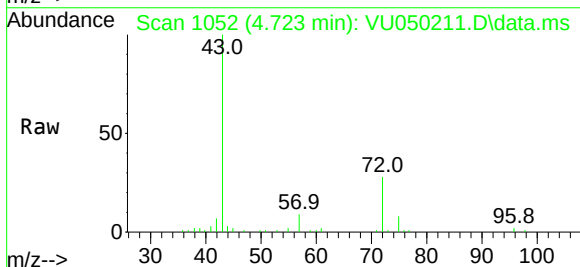
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

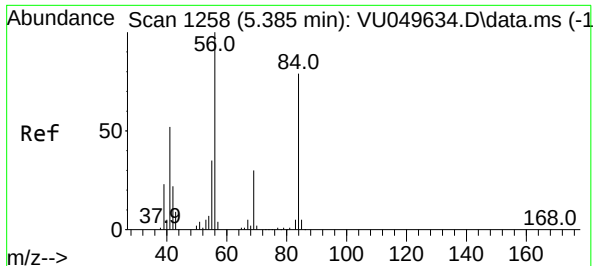
Tgt Ion: 63 Resp: 79893
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.4 10.2
 100 4.2 2.0 6.0



#18
 2-Butanone
 Concen: 25.920 ug/l
 RT: 4.723 min Scan# 1052
 Delta R.T. 0.007 min
 Lab File: VU050211.D
 Acq: 10 Aug 2022 10:37

Tgt Ion: 43 Resp: 64768
 Ion Ratio Lower Upper
 43 100
 57 8.8 0.0 18.0





#19

Cyclohexane

Concen: 4.352 ug/l

RT: 5.388 min Scan# 1258

Delta R.T. 0.003 min

Lab File: VU050211.D

Acq: 10 Aug 2022 10:37

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

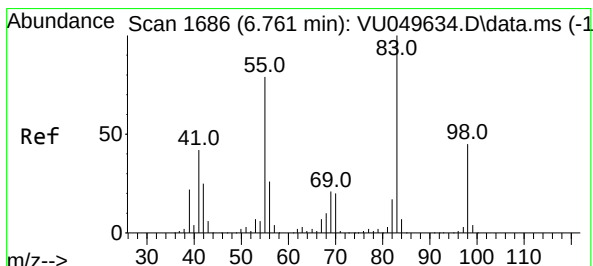
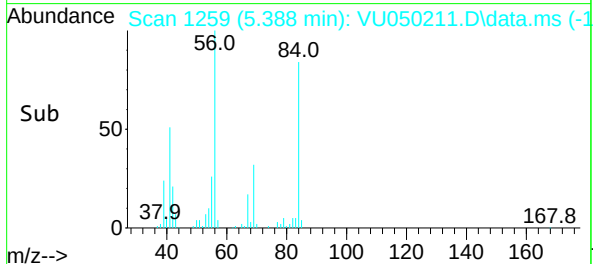
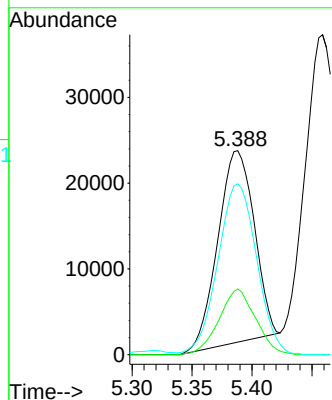
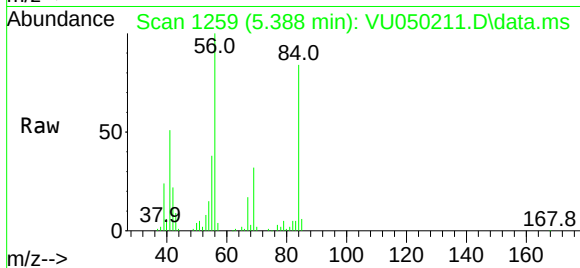
Tgt Ion: 56 Resp: 47355

Ion Ratio Lower Upper

56 100

69 34.3 24.2 36.4

84 93.5 63.4 95.2



#20

Methylcyclohexane

Concen: 4.851 ug/l

RT: 6.764 min Scan# 1687

Delta R.T. 0.003 min

Lab File: VU050211.D

Acq: 10 Aug 2022 10:37

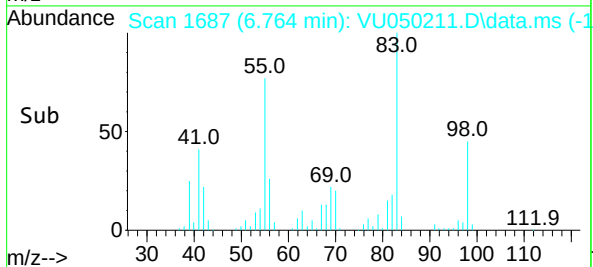
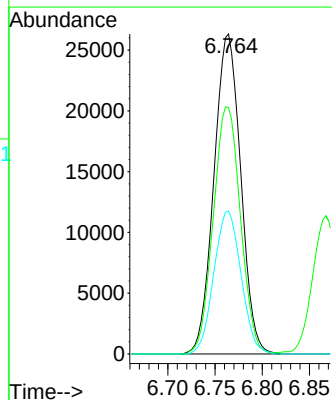
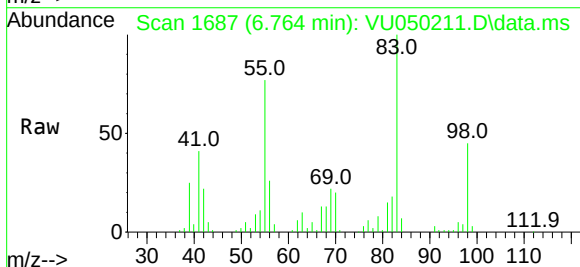
Tgt Ion: 83 Resp: 51856

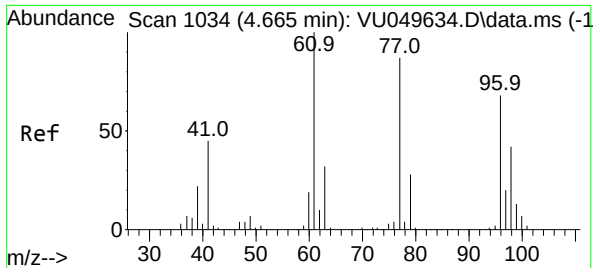
Ion Ratio Lower Upper

83 100

55 77.8 63.0 94.4

98 45.3 35.7 53.5





#21

2,2-Dichloropropane

Concen: 4.634 ug/l

RT: 4.665 min Scan# 1034

Delta R.T. 0.000 min

Lab File: VU050211.D

Acq: 10 Aug 2022 10:37

Instrument :

MSVOA_U

ClientSampleId :

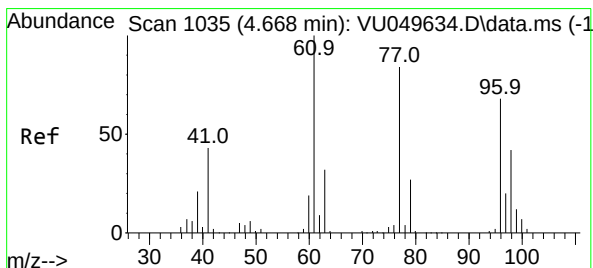
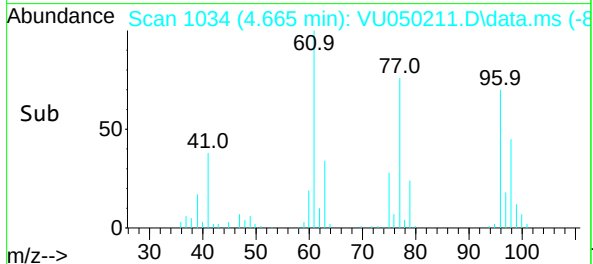
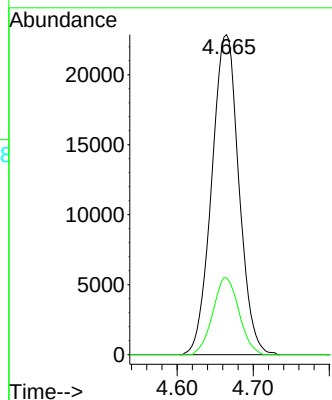
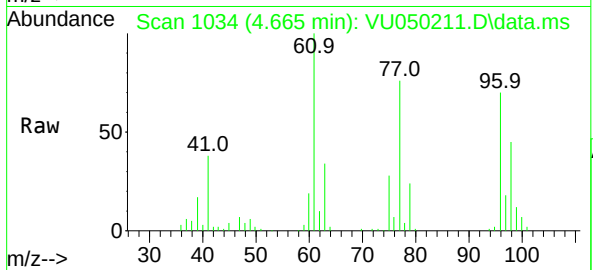
VSTDIC005

Tgt Ion: 77 Resp: 56791

Ion Ratio Lower Upper

77 100

97 23.2 18.5 27.7



#22

cis-1,2-Dichloroethene

Concen: 4.930 ug/l

RT: 4.668 min Scan# 1035

Delta R.T. 0.000 min

Lab File: VU050211.D

Acq: 10 Aug 2022 10:37

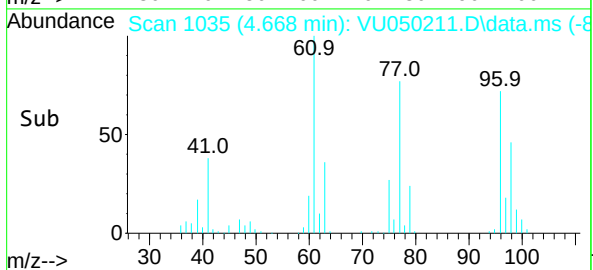
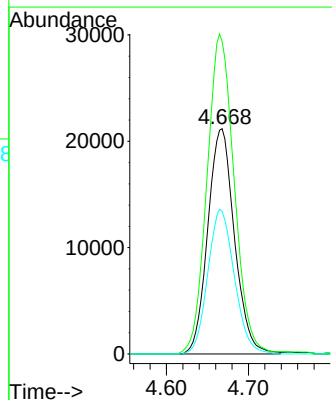
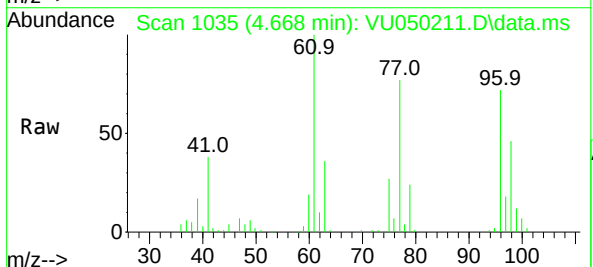
Tgt Ion: 96 Resp: 47923

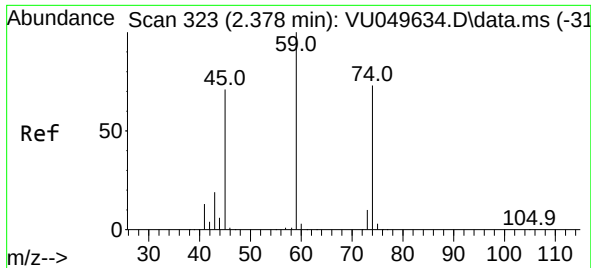
Ion Ratio Lower Upper

96 100

61 144.3 0.0 375.8

98 63.8 31.6 95.0

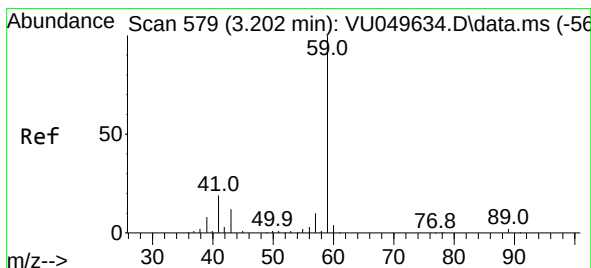
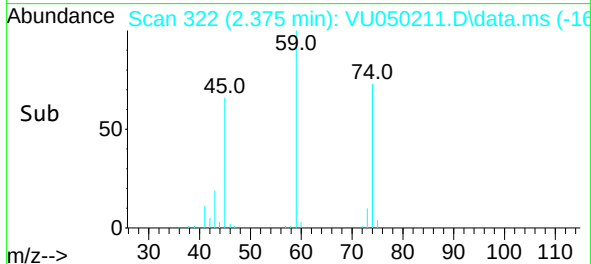
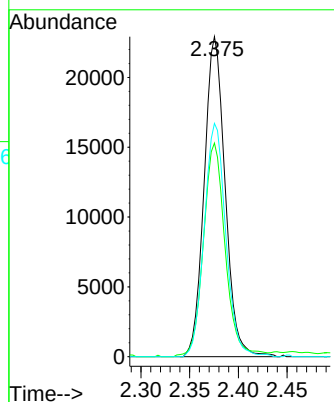
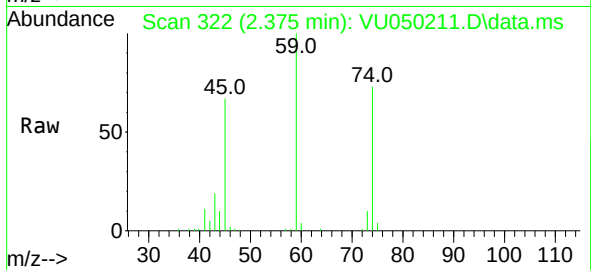




#23
Diethyl Ether
Concen: 4.933 ug/l
RT: 2.375 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU050211.D
Acq: 10 Aug 2022 10:37

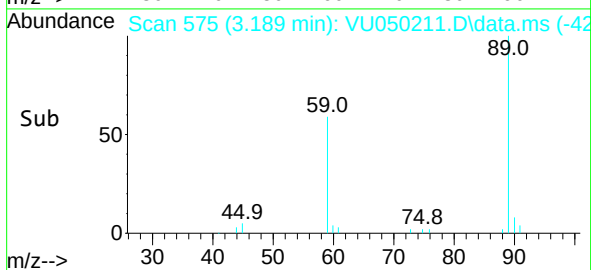
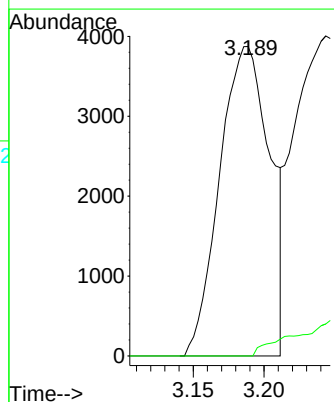
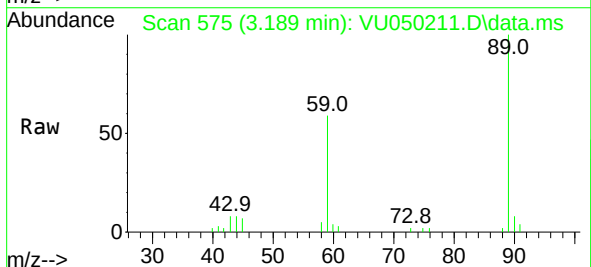
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

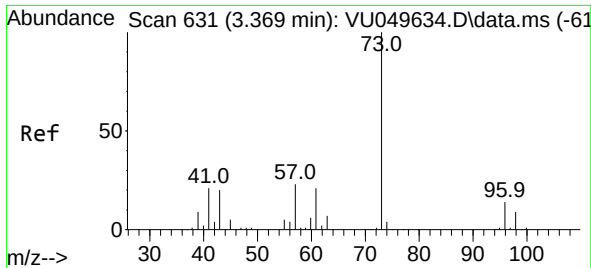
Tgt Ion: 59 Resp: 34275
Ion Ratio Lower Upper
59 100
45 69.3 56.0 84.0
74 75.1 57.6 86.4



#24
tert-Butyl Alcohol
Concen: 18.171 ug/l
RT: 3.189 min Scan# 575
Delta R.T. -0.013 min
Lab File: VU050211.D
Acq: 10 Aug 2022 10:37

Tgt Ion: 59 Resp: 9542
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

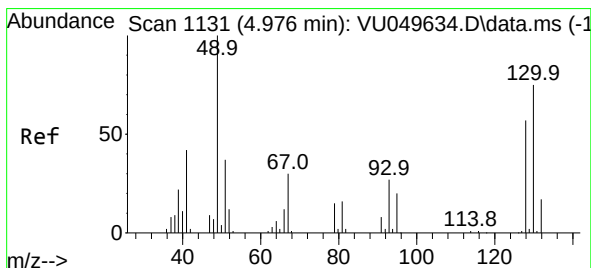
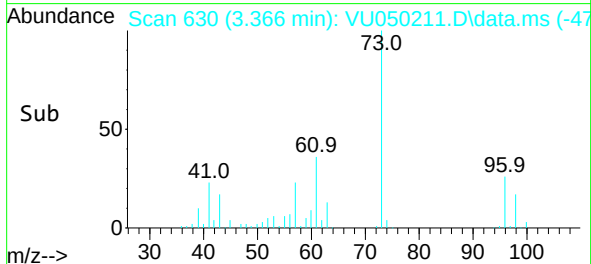
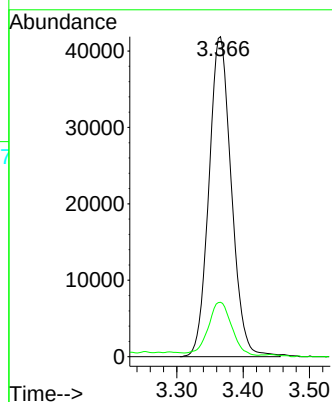
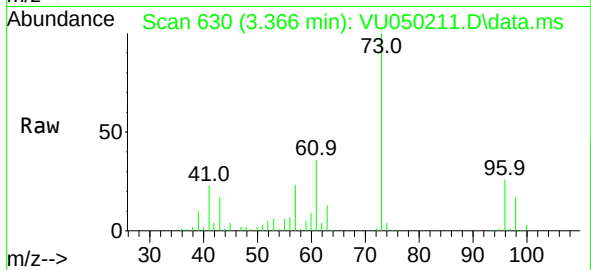




#25
Methyl tert-Butyl Ether
Concen: 4.926 ug/l
RT: 3.366 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU050211.D
Acq: 10 Aug 2022 10:37

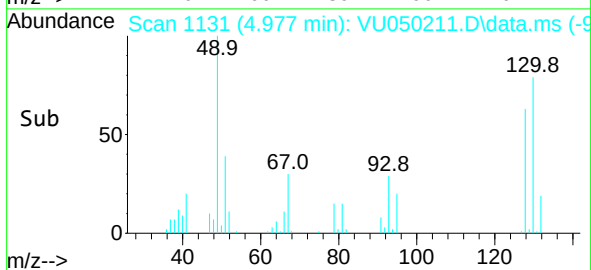
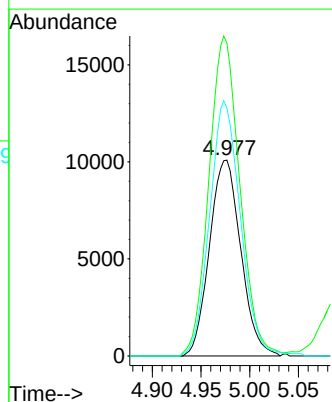
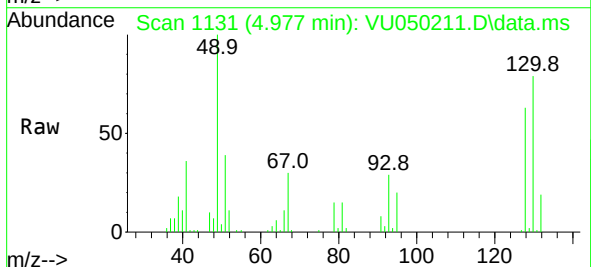
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

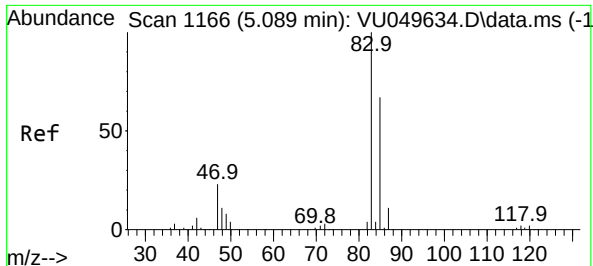
Tgt Ion: 73 Resp: 98472
Ion Ratio Lower Upper
73 100
43 17.3 15.9 23.9



#26
Bromochloromethane
Concen: 5.022 ug/l
RT: 4.977 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VU050211.D
Acq: 10 Aug 2022 10:37

Tgt Ion: 128 Resp: 22536
Ion Ratio Lower Upper
128 100
49 160.9 0.0 349.2
130 128.6 103.0 154.6





#27

Chloroform

Concen: 4.886 ug/l

RT: 5.089 min Scan# 1166

Delta R.T. 0.000 min

Lab File: VU050211.D

Acq: 10 Aug 2022 10:37

Instrument :

MSVOA_U

ClientSampleId :

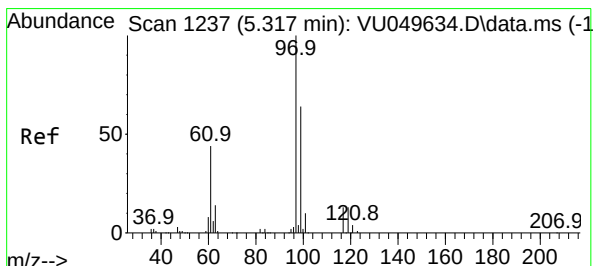
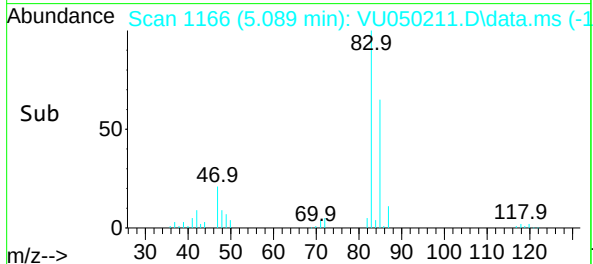
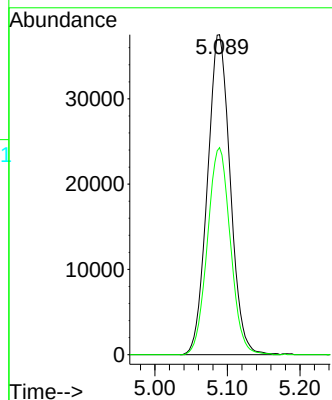
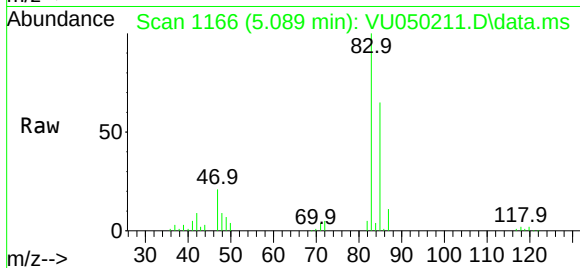
VSTDIC005

Tgt Ion: 83 Resp: 81950

Ion Ratio Lower Upper

83 100

85 64.7 0.0 133.6



#28

1,1,1-Trichloroethane

Concen: 4.903 ug/l

RT: 5.314 min Scan# 1236

Delta R.T. -0.003 min

Lab File: VU050211.D

Acq: 10 Aug 2022 10:37

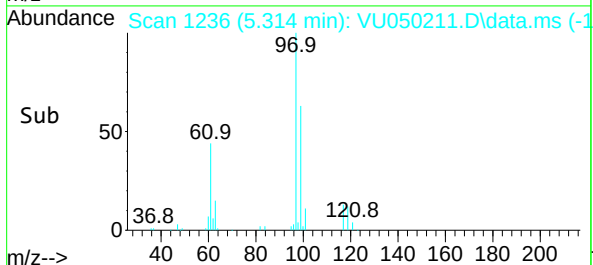
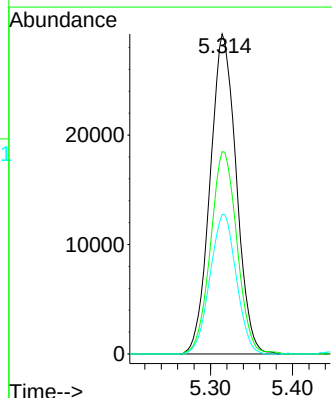
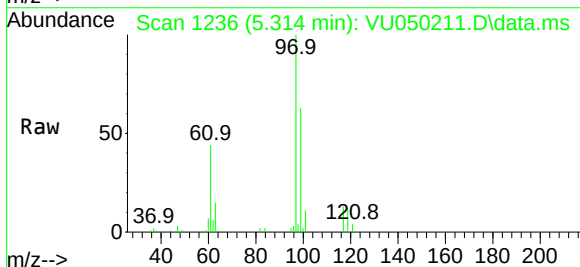
Tgt Ion: 97 Resp: 64718

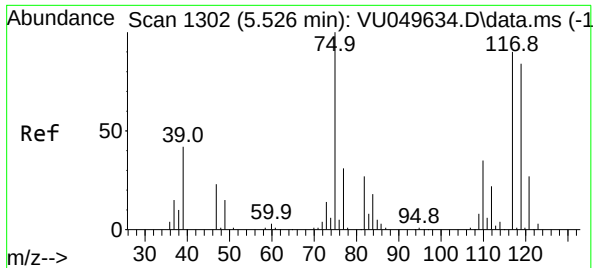
Ion Ratio Lower Upper

97 100

99 64.1 32.1 96.5

61 43.8 21.8 65.4





#29

1,1-Dichloropropene

Concen: 5.034 ug/l

RT: 5.526 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU050211.D

Acq: 10 Aug 2022 10:37

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

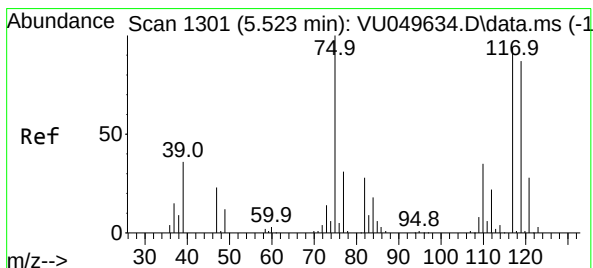
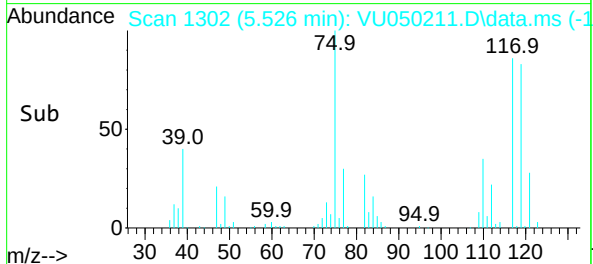
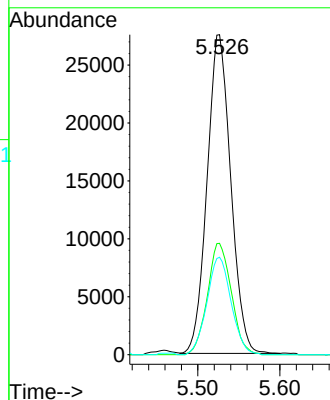
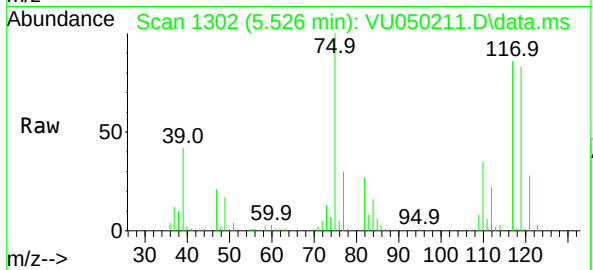
Tgt Ion: 75 Resp: 55151

Ion Ratio Lower Upper

75 100

110 35.4 17.3 52.0

77 31.4 24.6 37.0



#30

Carbon Tetrachloride

Concen: 4.981 ug/l

RT: 5.523 min Scan# 1301

Delta R.T. 0.000 min

Lab File: VU050211.D

Acq: 10 Aug 2022 10:37

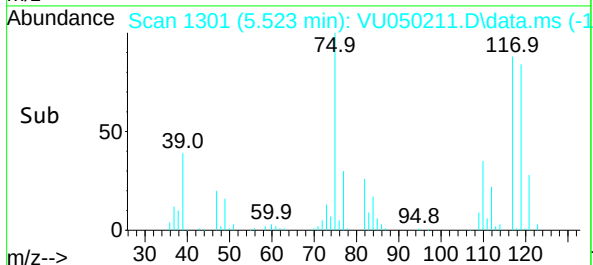
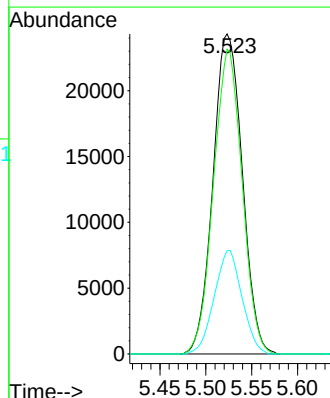
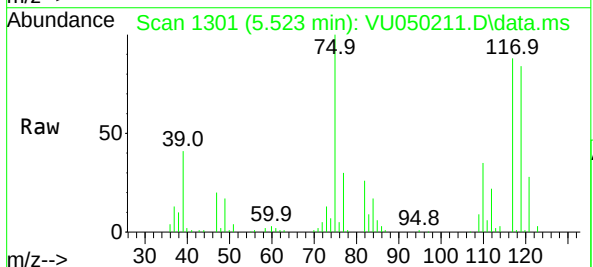
Tgt Ion: 117 Resp: 54022

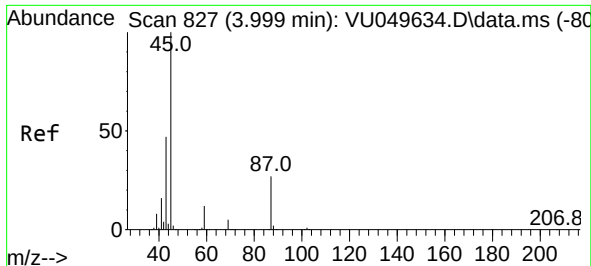
Ion Ratio Lower Upper

117 100

119 95.2 74.6 112.0

121 32.3 24.2 36.4

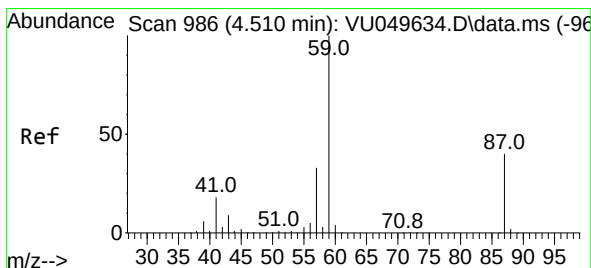
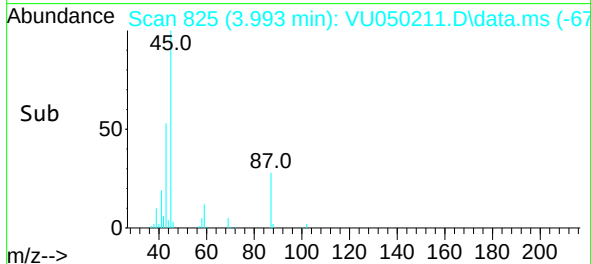
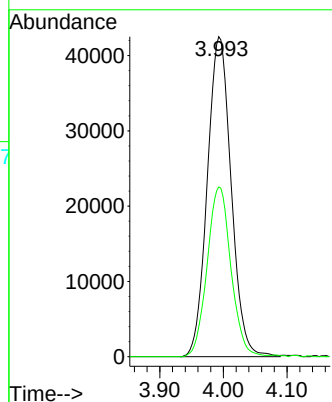
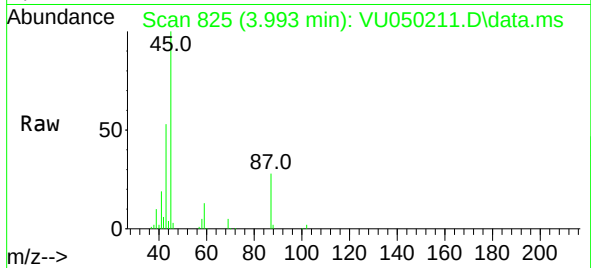




#31
Isopropyl Ether
Concen: 5.019 ug/l
RT: 3.993 min Scan# 81
Delta R.T. -0.006 min
Lab File: VU050211.D
Acq: 10 Aug 2022 10:37

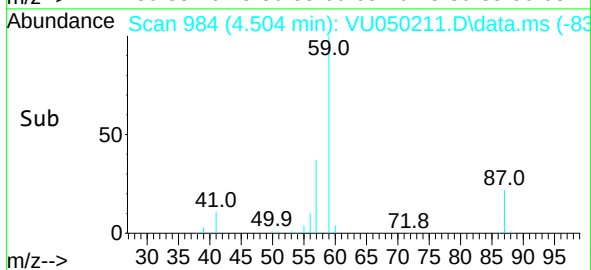
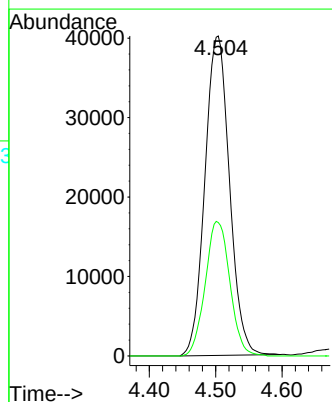
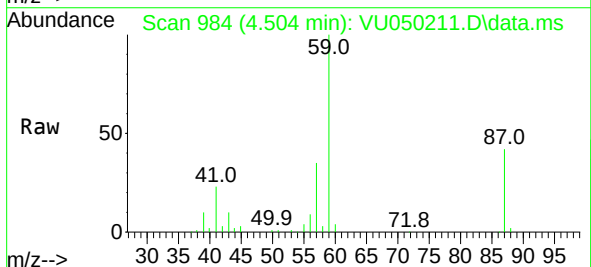
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

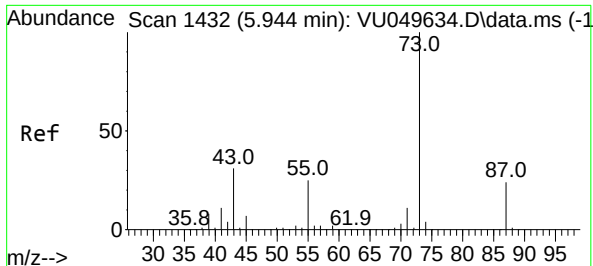
Tgt Ion: 45 Resp: 110651
Ion Ratio Lower Upper
45 100
43 52.8 23.8 71.2



#32
Ethyl-t-butyl ether
Concen: 4.912 ug/l
RT: 4.504 min Scan# 984
Delta R.T. -0.006 min
Lab File: VU050211.D
Acq: 10 Aug 2022 10:37

Tgt Ion: 59 Resp: 103561
Ion Ratio Lower Upper
59 100
87 42.2 32.5 48.7

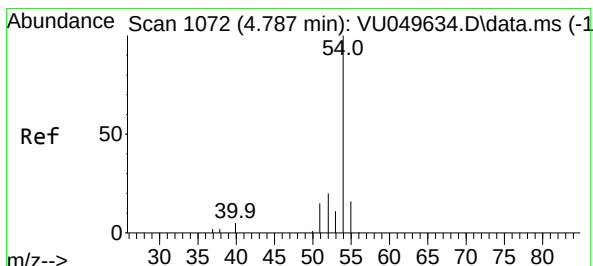
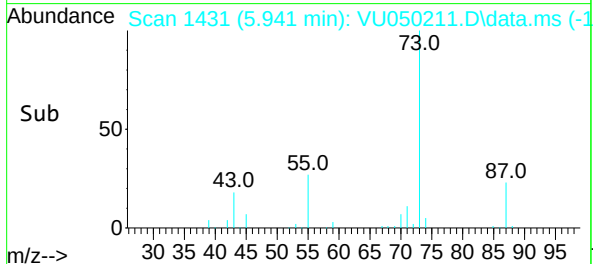
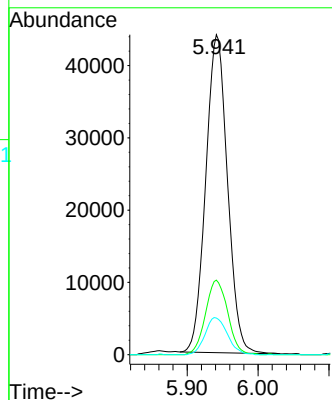
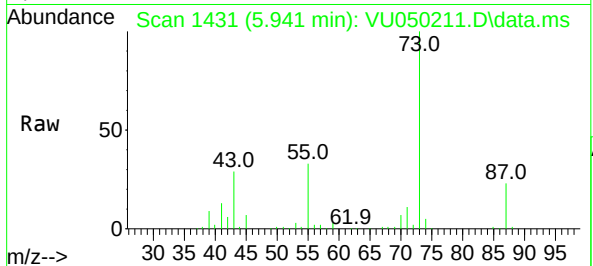




#33
Tert-Amyl methyl ether
Concen: 5.027 ug/l
RT: 5.941 min Scan# 1432
Delta R.T. -0.003 min
Lab File: VU050211.D
Acq: 10 Aug 2022 10:37

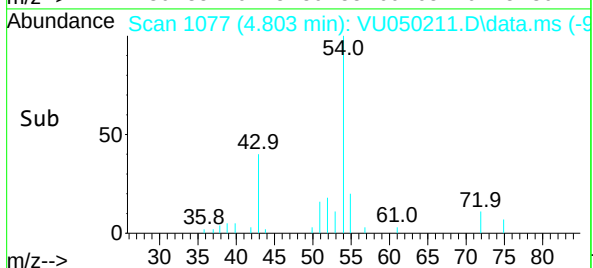
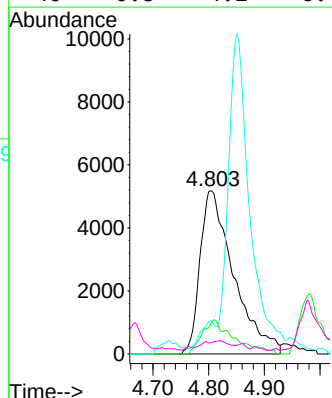
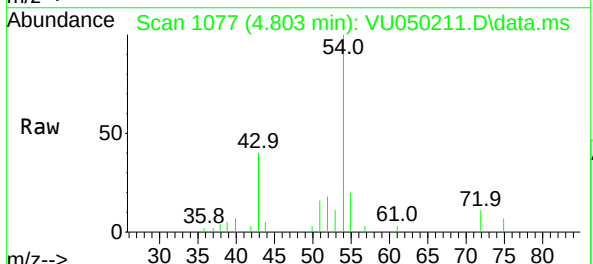
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

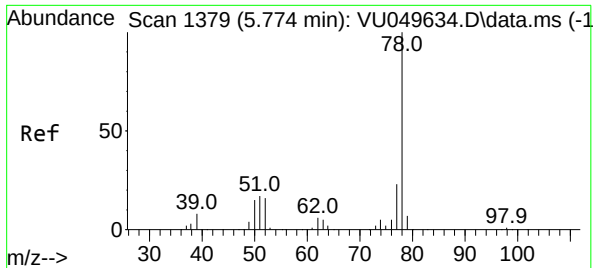
Tgt Ion: 73	Resp: 93566
Ion Ratio	Lower Upper
73	100
87	24.1 19.7 29.5
71	12.0 9.0 13.4



#34
Propionitrile
Concen: 24.620 ug/l
RT: 4.803 min Scan# 1077
Delta R.T. 0.016 min
Lab File: VU050211.D
Acq: 10 Aug 2022 10:37

Tgt Ion: 54	Resp: 21748
Ion Ratio	Lower Upper
54	100
52	11.4 15.0 22.6#
55	7.4 12.6 19.0#
40	0.8 4.2 6.4#

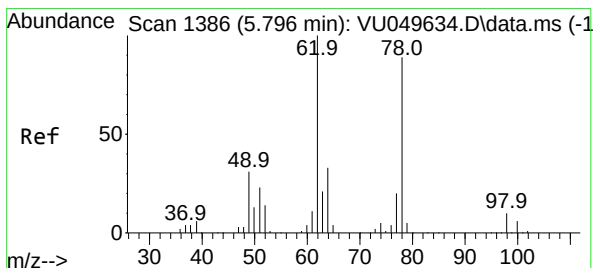
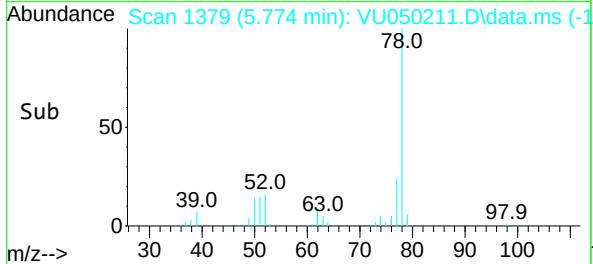
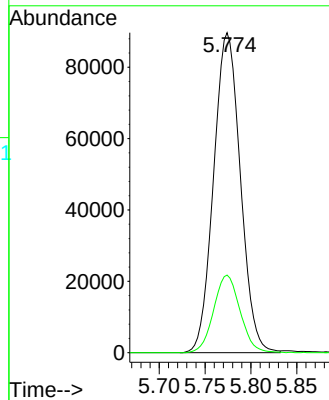
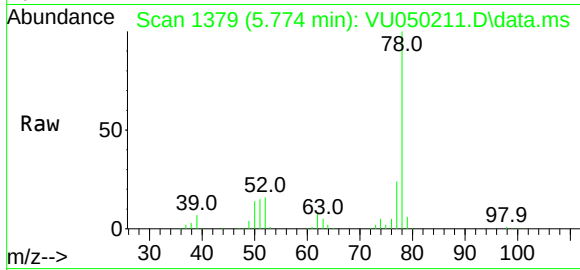




#35
Benzene
Concen: 5.012 ug/l
RT: 5.774 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU050211.D
Acq: 10 Aug 2022 10:37

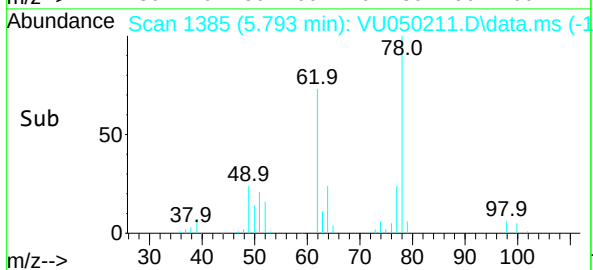
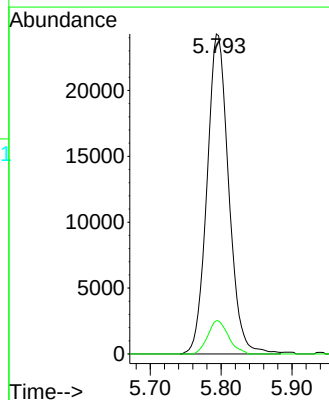
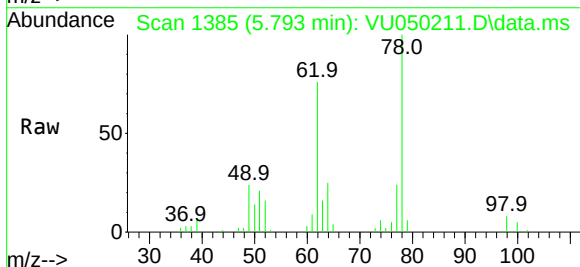
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

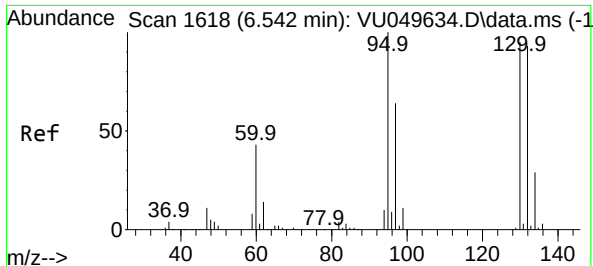
Tgt Ion: 78 Resp: 181989
Ion Ratio Lower Upper
78 100
77 24.3 18.6 28.0



#36
1,2-Dichloroethane
Concen: 4.931 ug/l
RT: 5.793 min Scan# 1385
Delta R.T. -0.003 min
Lab File: VU050211.D
Acq: 10 Aug 2022 10:37

Tgt Ion: 62 Resp: 51705
Ion Ratio Lower Upper
62 100
98 9.9 7.4 11.0

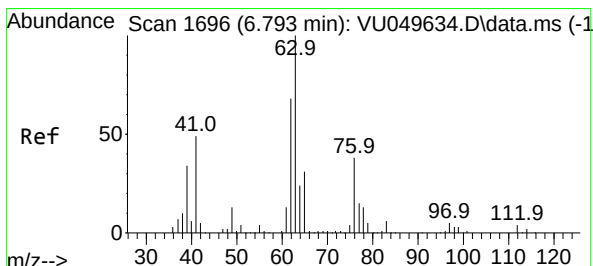
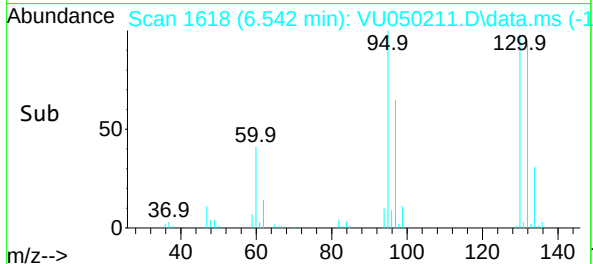
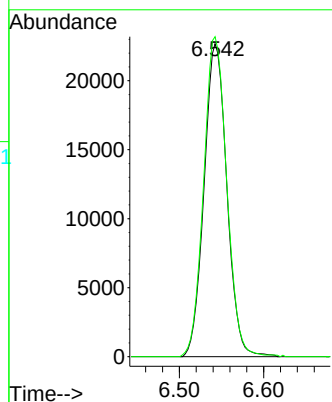
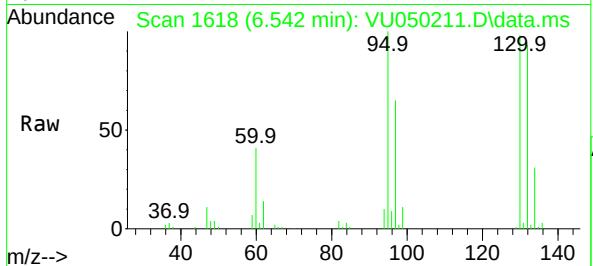




#37
Trichloroethene
Concen: 4.952 ug/l
RT: 6.542 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VU050211.D
Acq: 10 Aug 2022 10:37

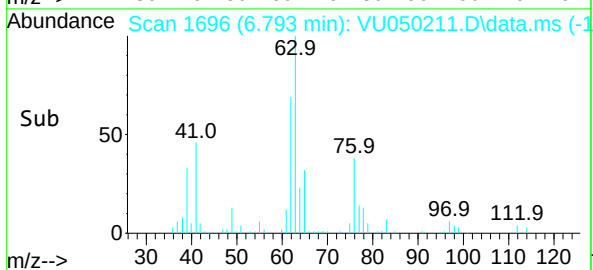
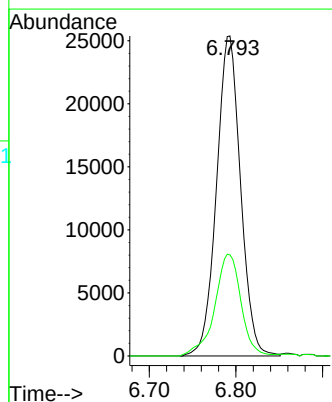
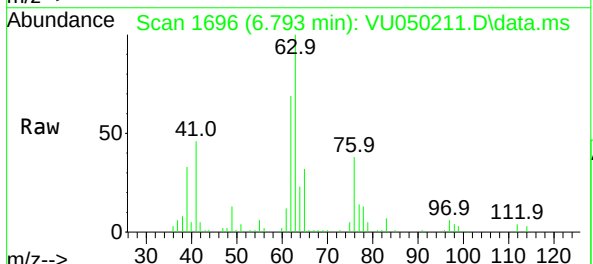
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

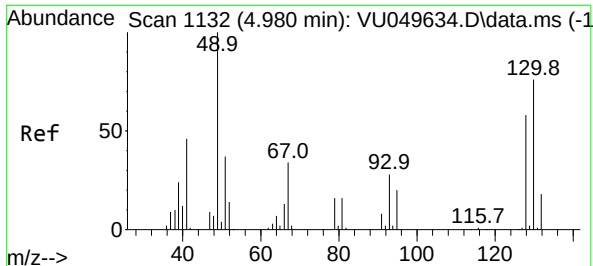
Tgt Ion:130 Resp: 42676
Ion Ratio Lower Upper
130 100
95 102.3 83.8 125.8



#38
1,2-Dichloropropane
Concen: 4.920 ug/l
RT: 6.793 min Scan# 1696
Delta R.T. 0.000 min
Lab File: VU050211.D
Acq: 10 Aug 2022 10:37

Tgt Ion: 63 Resp: 48918
Ion Ratio Lower Upper
63 100
65 31.6 25.0 37.4





#39

Methacrylonitrile

Concen: 5.126 ug/l

RT: 4.977 min Scan# 1131

Delta R.T. -0.003 min

Lab File: VU050211.D

Acq: 10 Aug 2022 10:37

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC005

Tgt Ion: 41 Resp: 14174

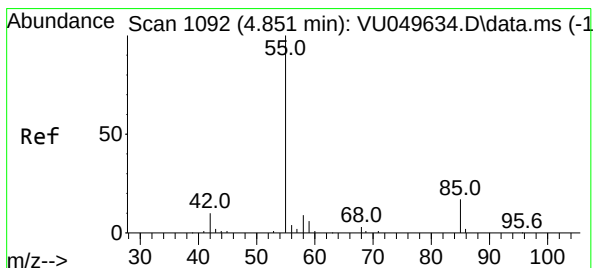
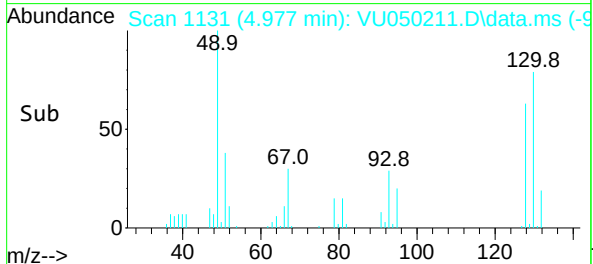
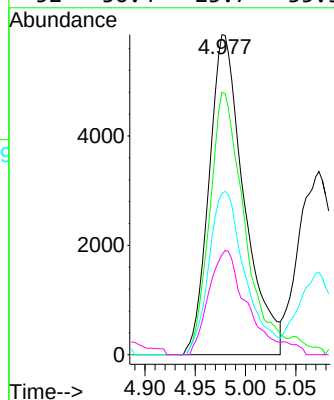
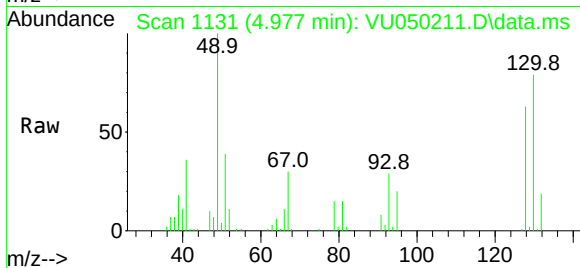
Ion Ratio Lower Upper

41 100

67 81.4 59.4 89.0

39 52.9 42.2 63.2

52 36.4 23.7 35.5#



#40

Methyl acrylate

Concen: 4.677 ug/l

RT: 4.851 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VU050211.D

Acq: 10 Aug 2022 10:37

Tgt Ion: 55 Resp: 25106

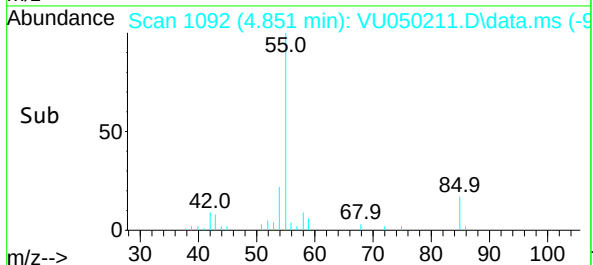
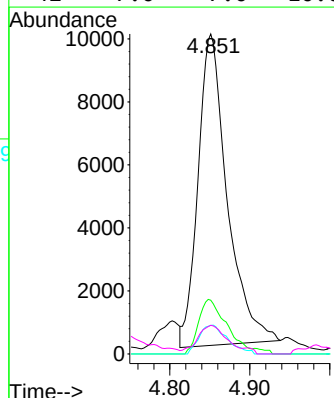
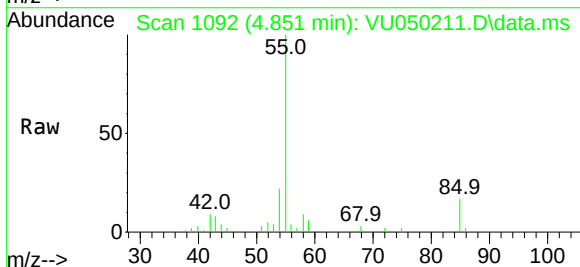
Ion Ratio Lower Upper

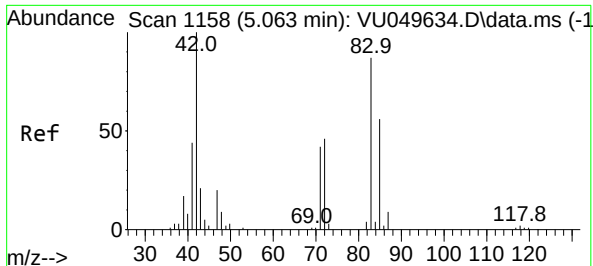
55 100

85 16.7 13.5 20.3

58 9.0 7.0 10.4

42 7.0 7.0 10.6#





#41

Tetrahydrofuran

Concen: 10.172 ug/l

RT: 5.070 min Scan# 1158

Delta R.T. 0.007 min

Lab File: VU050211.D

Acq: 10 Aug 2022 10:37

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

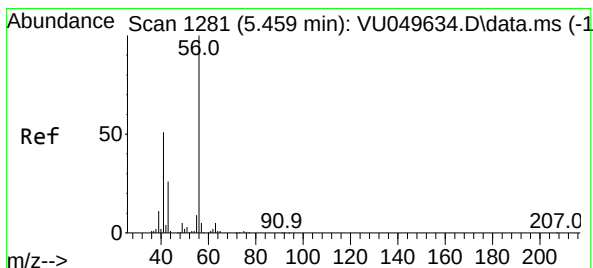
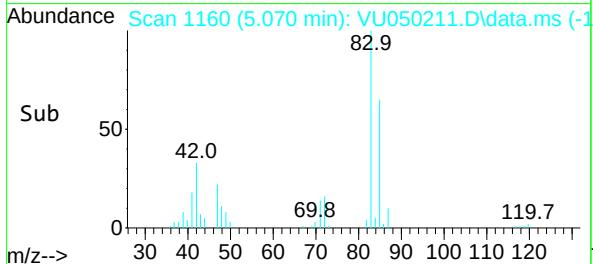
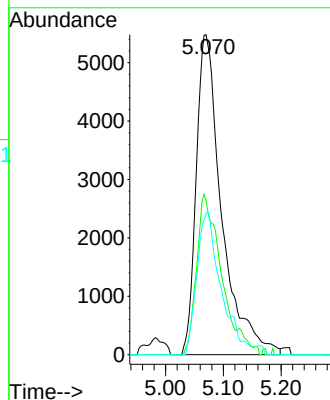
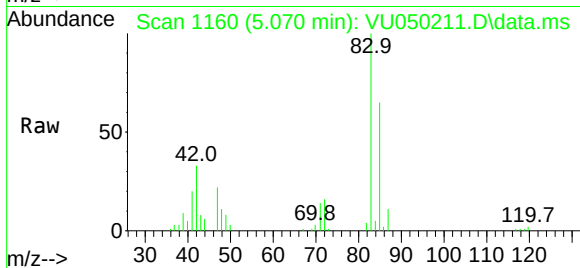
Tgt Ion: 42 Resp: 16776

Ion Ratio Lower Upper

42 100

72 49.1 38.9 58.3

71 42.1 33.7 50.5



#42

1-Chlorobutane

Concen: 5.011 ug/l

RT: 5.459 min Scan# 1281

Delta R.T. -0.000 min

Lab File: VU050211.D

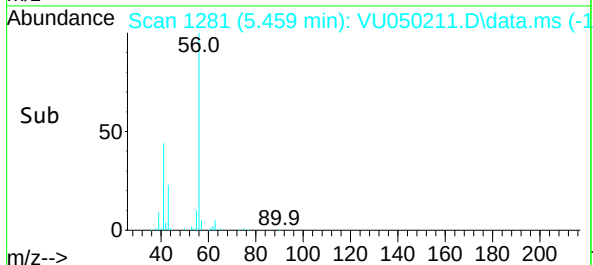
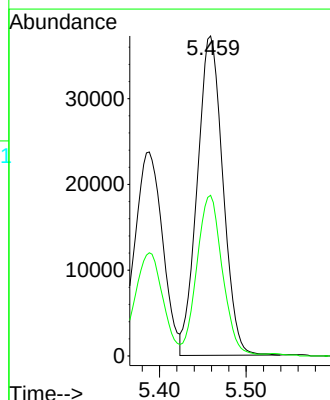
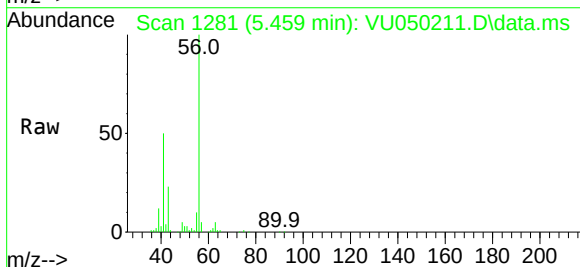
Acq: 10 Aug 2022 10:37

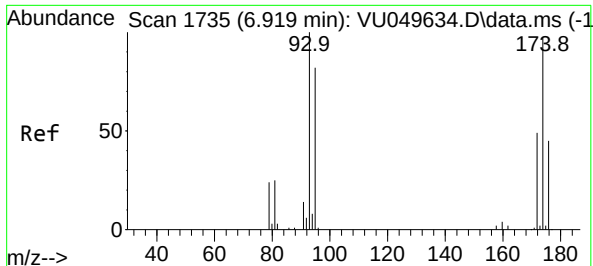
Tgt Ion: 56 Resp: 76592

Ion Ratio Lower Upper

56 100

41 49.3 26.4 79.2

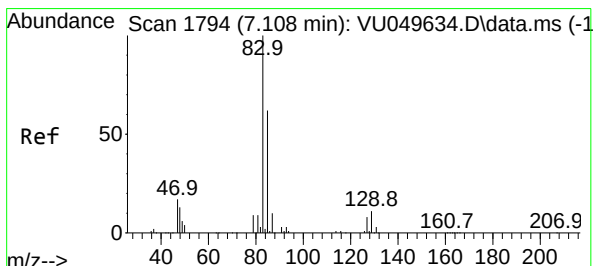
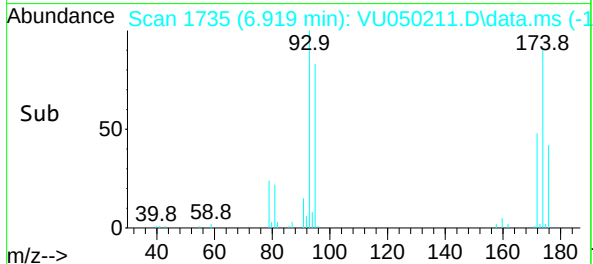
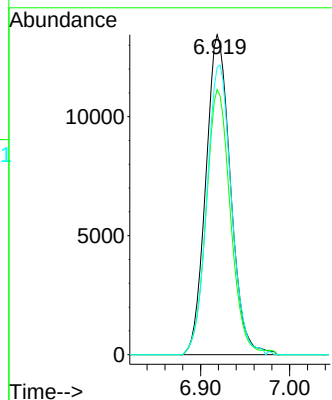
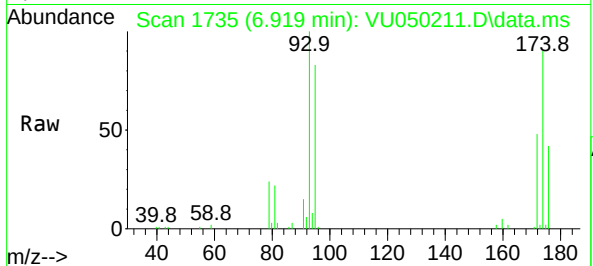




#43
Dibromomethane
Concen: 5.025 ug/l
RT: 6.919 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VU050211.D
Acq: 10 Aug 2022 10:37

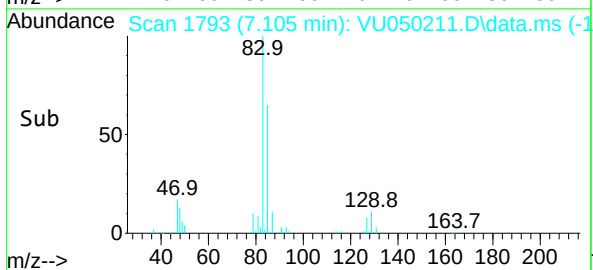
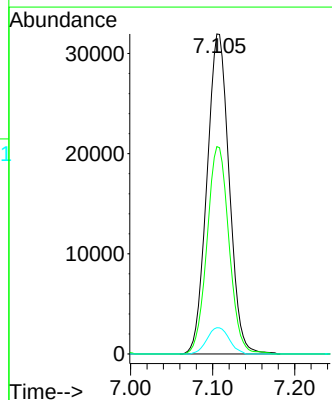
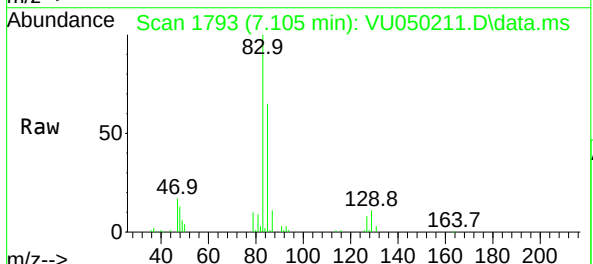
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

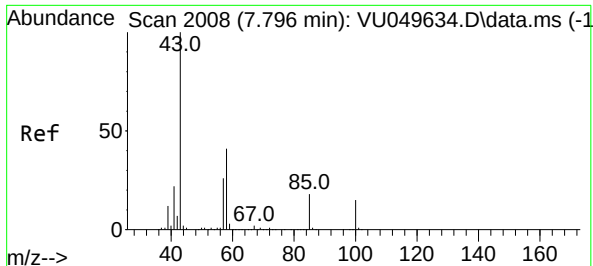
Tgt Ion: 93 Resp: 25872
Ion Ratio Lower Upper
93 100
95 81.2 65.0 97.6
174 90.5 76.3 114.5



#44
Bromodichloromethane
Concen: 4.978 ug/l
RT: 7.105 min Scan# 1793
Delta R.T. -0.003 min
Lab File: VU050211.D
Acq: 10 Aug 2022 10:37

Tgt Ion: 83 Resp: 60181
Ion Ratio Lower Upper
83 100
85 64.8 49.4 74.0
127 8.2 6.6 10.0





#45

4-Methyl-2-Pentanone

Concen: 25.176 ug/l

RT: 7.793 min Scan# 2007

Delta R.T. -0.003 min

Lab File: VU050211.D

Acq: 10 Aug 2022 10:37

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

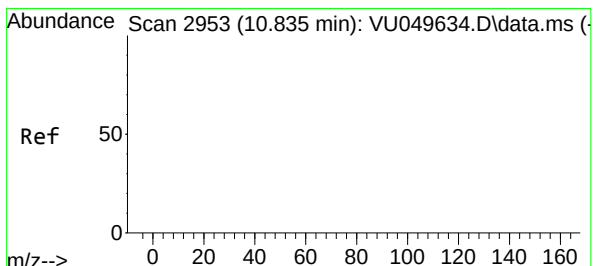
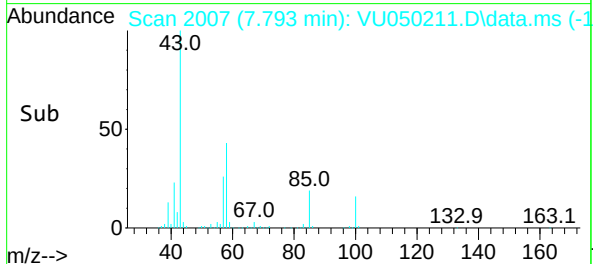
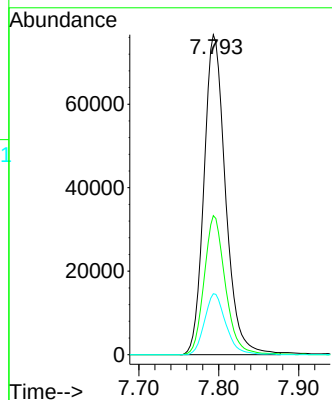
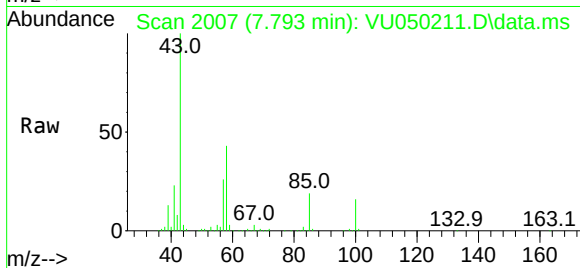
Tgt Ion: 43 Resp: 143819

Ion Ratio Lower Upper

43 100

58 42.9 20.3 61.0

85 18.9 14.6 21.8



#46

t-1,4-Dichloro-2-butene

Concen: 23.830 ug/l

RT: 10.825 min Scan# 2950

Delta R.T. -0.010 min

Lab File: VU050211.D

Acq: 10 Aug 2022 10:37

Tgt Ion: 75 Resp: 53834

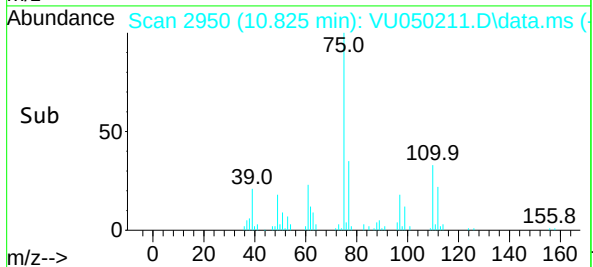
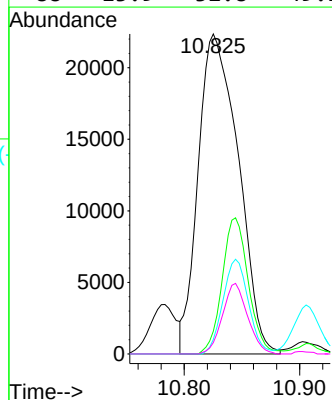
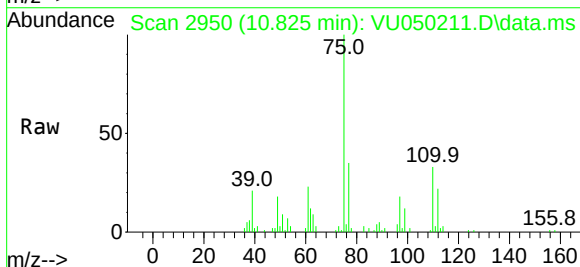
Ion Ratio Lower Upper

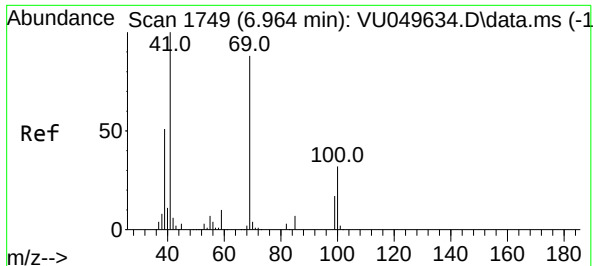
75 100

53 28.0 64.4 96.6#

89 19.0 44.2 66.2#

88 13.9 32.8 49.2#





#47

Methyl methacrylate

Concen: 10.367 ug/l

RT: 6.964 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU050211.D

Acq: 10 Aug 2022 10:37

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC005

Tgt Ion: 69 Resp: 46350

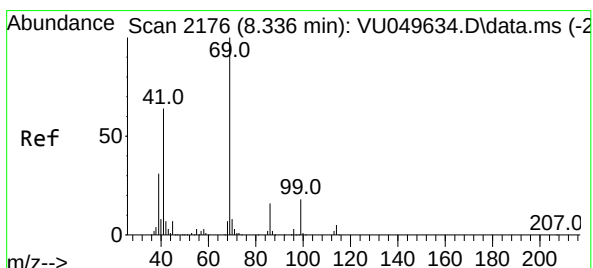
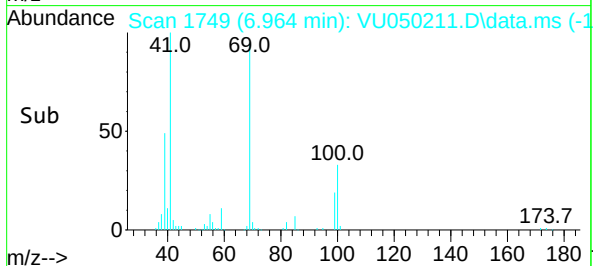
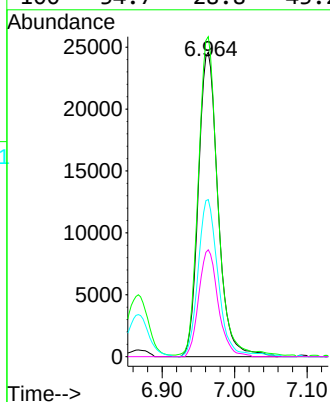
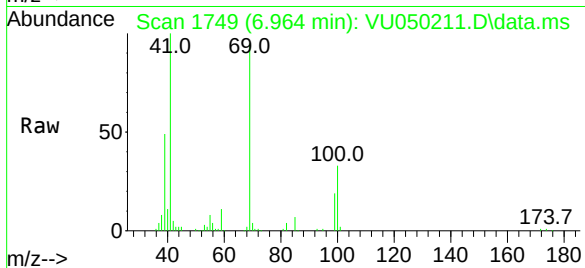
Ion Ratio Lower Upper

69 100

41 101.4 0.0 225.4

39 52.9 45.8 68.8

100 34.7 28.8 43.2



#48

Ethyl methacrylate

Concen: 5.114 ug/l

RT: 8.333 min Scan# 2175

Delta R.T. -0.003 min

Lab File: VU050211.D

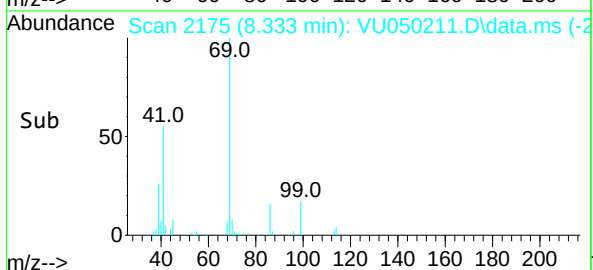
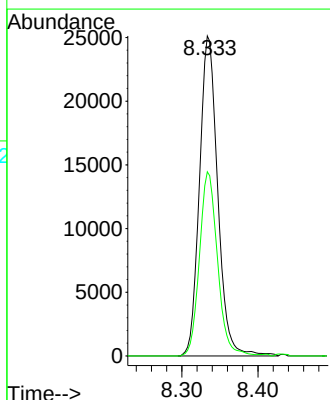
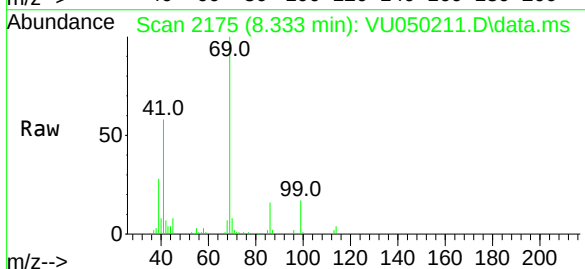
Acq: 10 Aug 2022 10:37

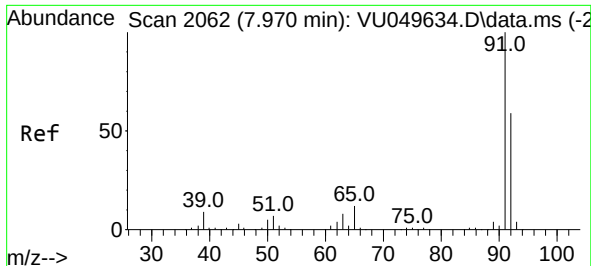
Tgt Ion: 69 Resp: 41928

Ion Ratio Lower Upper

69 100

41 56.9 32.3 96.9





#49

Toluene

Concen: 5.172 ug/l

RT: 7.970 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VU050211.D

Acq: 10 Aug 2022 10:37

Instrument :

MSVOA_U

ClientSampleId :

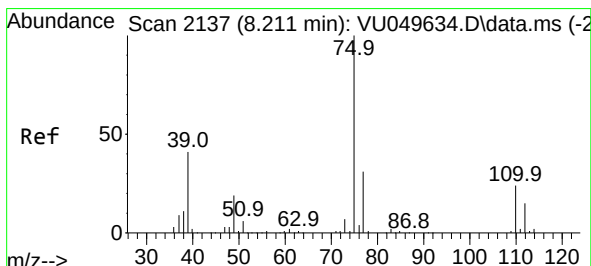
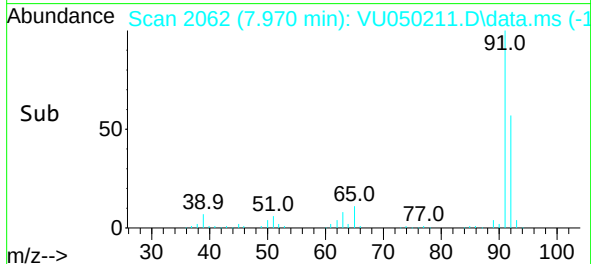
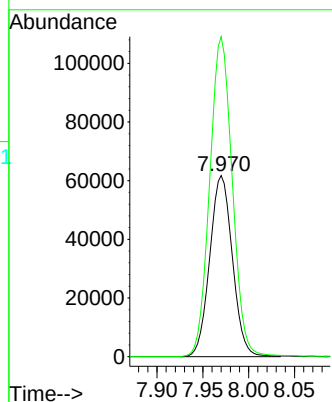
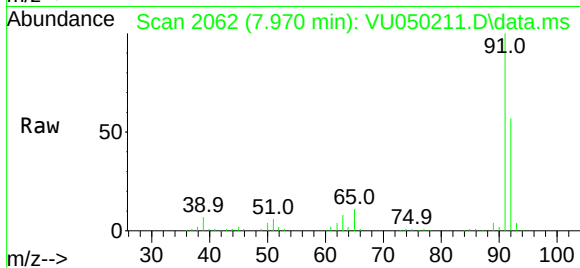
VSTDIC005

Tgt Ion: 92 Resp: 106136

Ion Ratio Lower Upper

92 100

91 176.6 138.6 207.8



#50

t-1,3-Dichloropropene

Concen: 4.995 ug/l

RT: 8.211 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VU050211.D

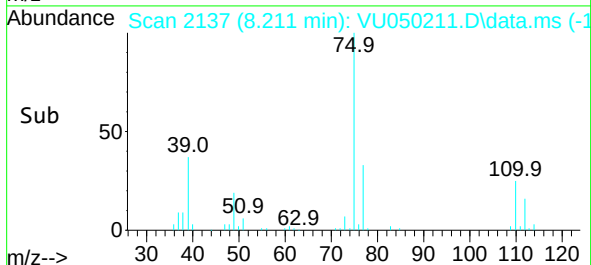
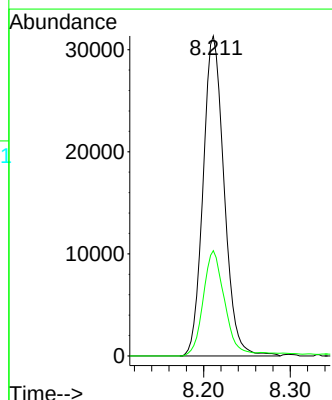
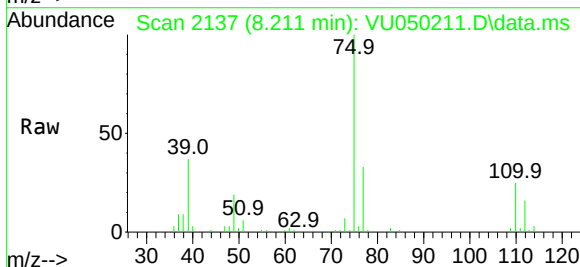
Acq: 10 Aug 2022 10:37

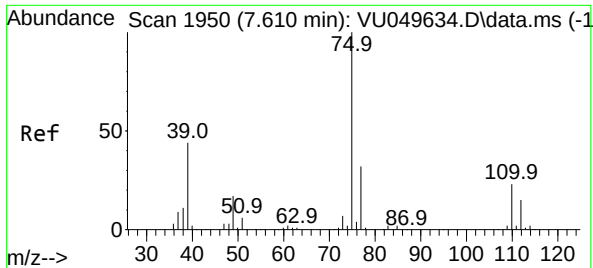
Tgt Ion: 75 Resp: 52863

Ion Ratio Lower Upper

75 100

77 32.9 24.7 37.1

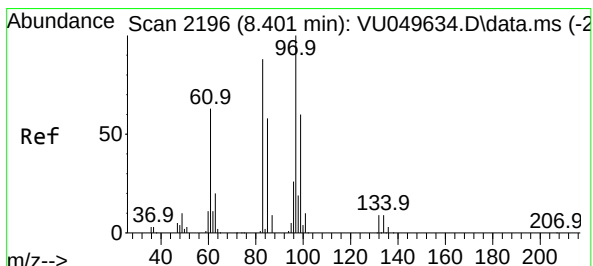
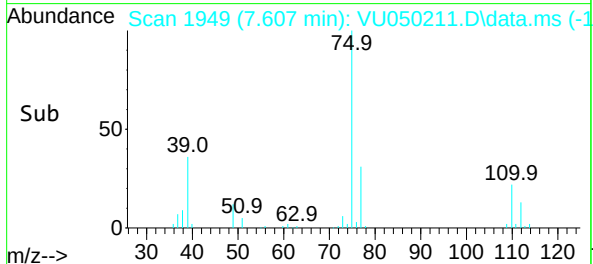
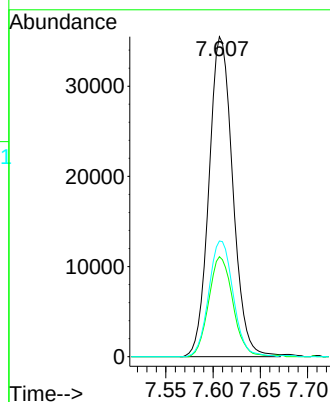
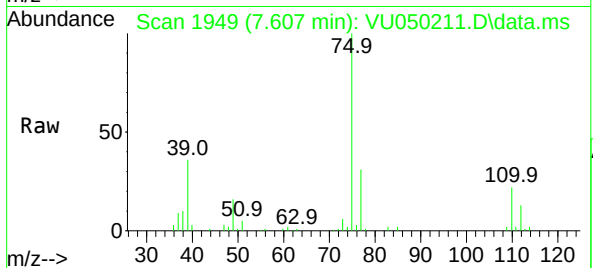




#51
 cis-1,3-Dichloropropene
 Concen: 4.970 ug/l
 RT: 7.607 min Scan# 1949
 Delta R.T. -0.003 min
 Lab File: VU050211.D
 Acq: 10 Aug 2022 10:37

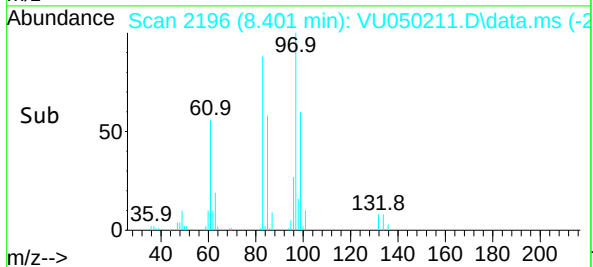
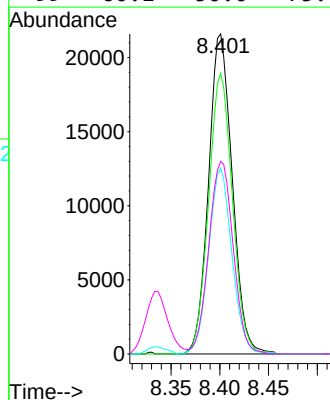
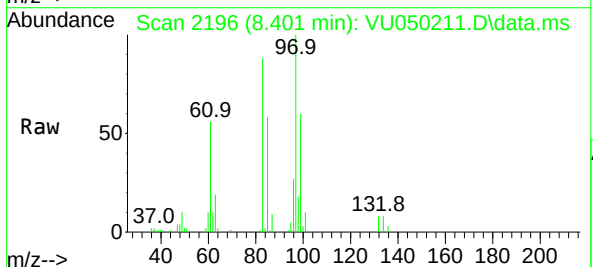
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

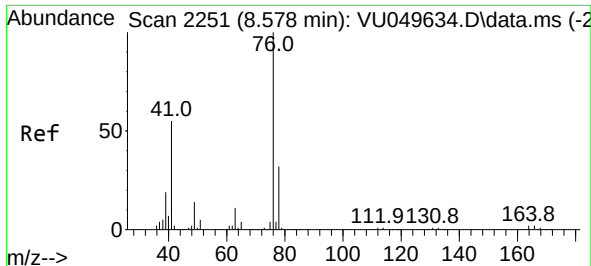
Tgt Ion:	75	Resp:	62216
Ion	Ratio	Lower	Upper
75	100		
77	31.3	25.4	38.0
39	36.2	35.1	52.7



#52
 1,1,2-Trichloroethane
 Concen: 4.981 ug/l
 RT: 8.401 min Scan# 2196
 Delta R.T. -0.000 min
 Lab File: VU050211.D
 Acq: 10 Aug 2022 10:37

Tgt Ion:	97	Resp:	36578
Ion	Ratio	Lower	Upper
97	100		
83	87.7	70.6	106.0
85	58.1	46.2	69.4
99	60.1	50.0	75.0





#53

1,3-Dichloropropane

Concen: 4.929 ug/l

RT: 8.574 min Scan# 21

Delta R.T. -0.004 min

Lab File: VU050211.D

Acq: 10 Aug 2022 10:37

Instrument :

MSVOA_U

ClientSampleId :

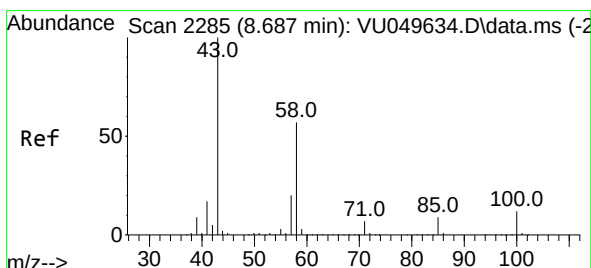
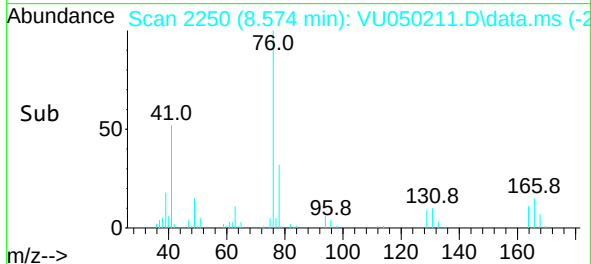
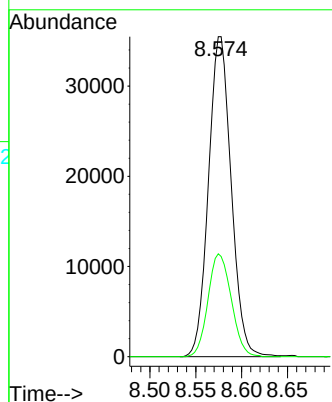
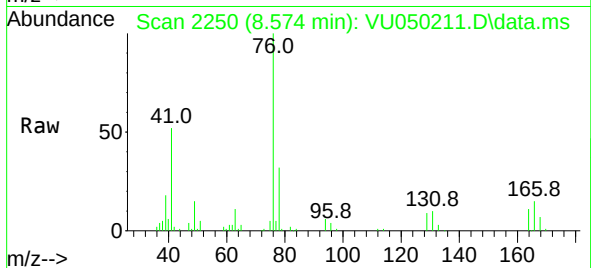
VSTDICC005

Tgt Ion: 76 Resp: 61054

Ion Ratio Lower Upper

76 100

78 32.9 26.0 39.0



#54

2-Hexanone

Concen: 24.829 ug/l

RT: 8.687 min Scan# 2285

Delta R.T. 0.000 min

Lab File: VU050211.D

Acq: 10 Aug 2022 10:37

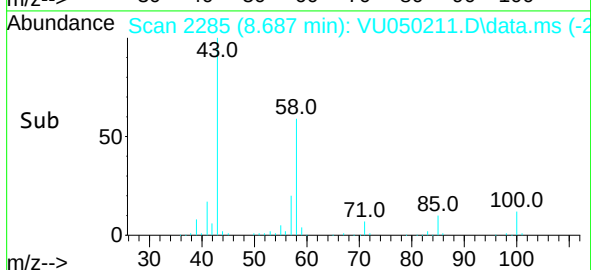
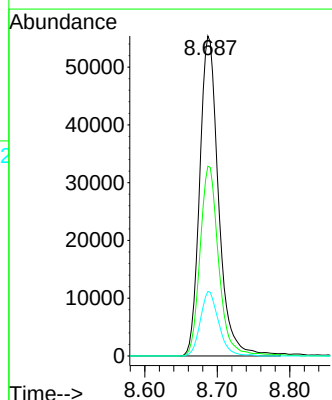
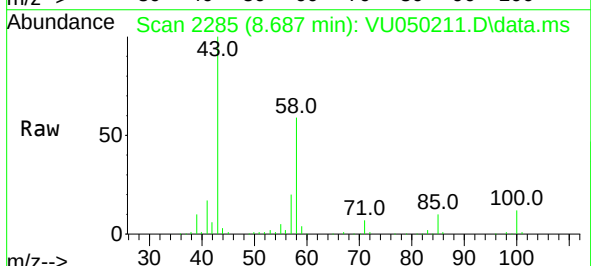
Tgt Ion: 43 Resp: 100072

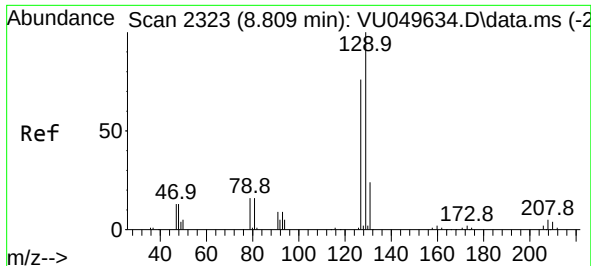
Ion Ratio Lower Upper

43 100

58 57.9 37.1 77.1

57 19.6 0.0 39.5

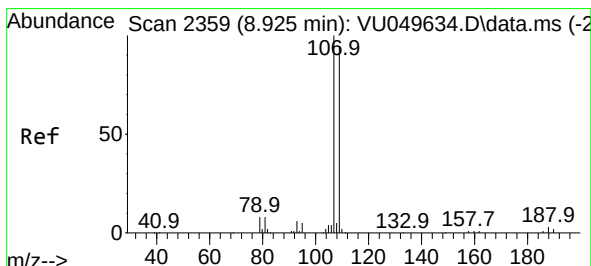
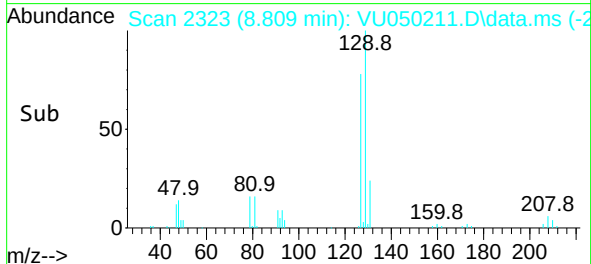
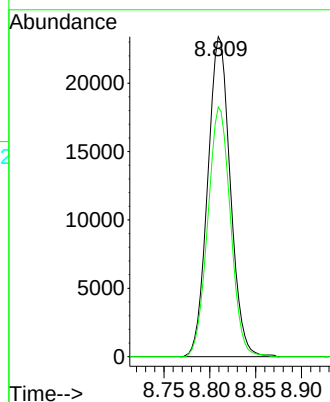
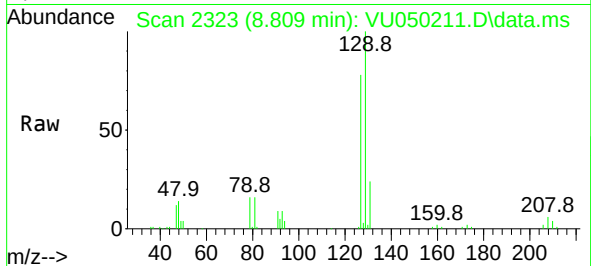




#55
Dibromochloromethane
Concen: 4.914 ug/l
RT: 8.809 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU050211.D
Acq: 10 Aug 2022 10:37

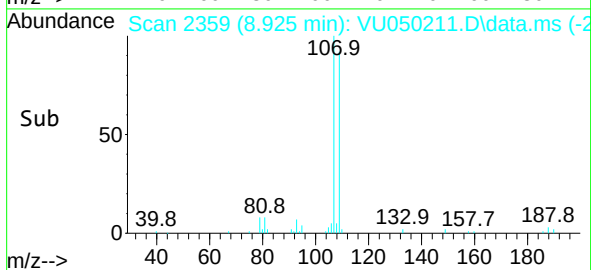
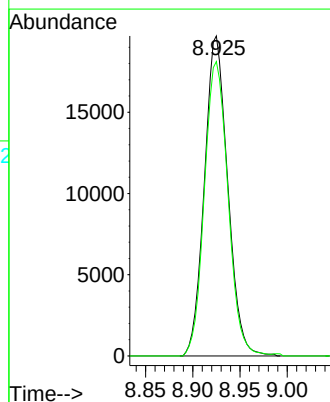
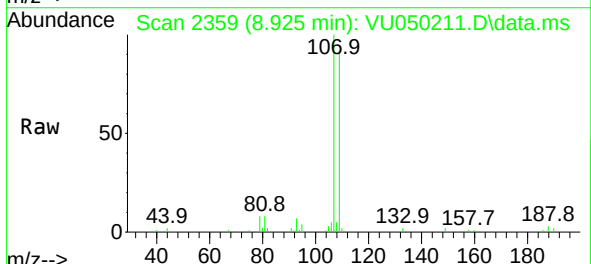
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

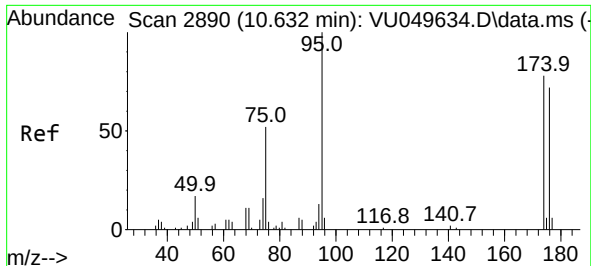
Tgt Ion:129 Resp: 40108
Ion Ratio Lower Upper
129 100
127 78.2 61.2 91.8



#56
1,2-Dibromoethane
Concen: 5.013 ug/l
RT: 8.925 min Scan# 2359
Delta R.T. -0.000 min
Lab File: VU050211.D
Acq: 10 Aug 2022 10:37

Tgt Ion:107 Resp: 33795
Ion Ratio Lower Upper
107 100
109 93.3 0.0 187.2

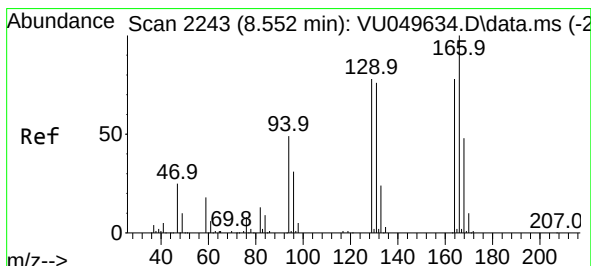
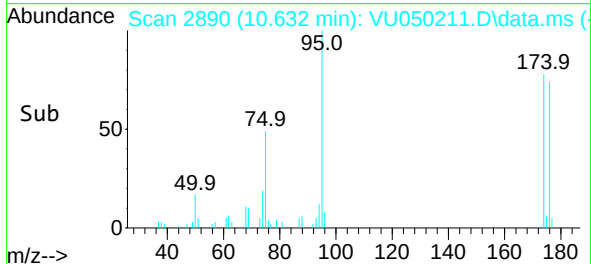
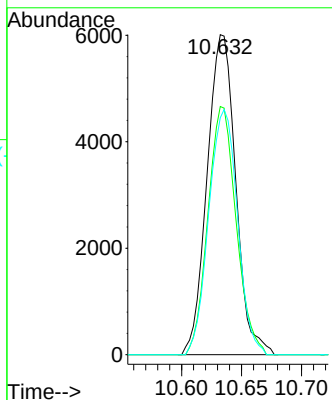
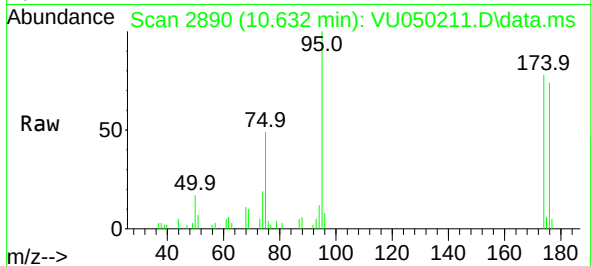




#57
4-Bromofluorobenzene
Concen: 0.989 ug/l
RT: 10.632 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU050211.D
Acq: 10 Aug 2022 10:37

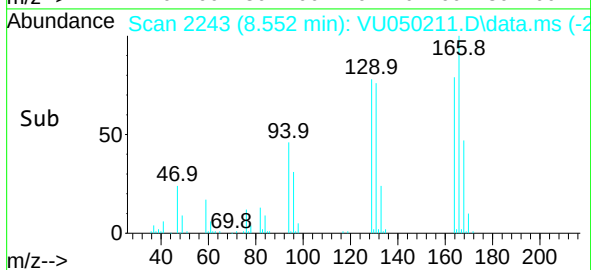
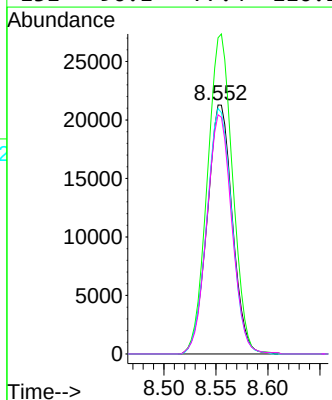
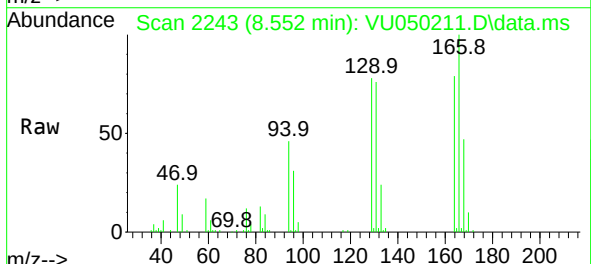
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

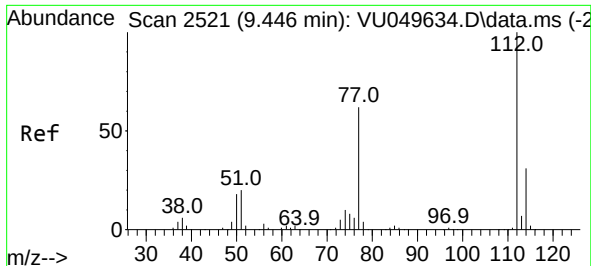
Tgt Ion:	95	Resp:	9967
Ion	Ratio	Lower	Upper
95	100		
174	76.5	62.4	93.6
176	76.9	56.2	84.2



#58
Tetrachloroethene
Concen: 4.905 ug/l
RT: 8.552 min Scan# 2243
Delta R.T. -0.000 min
Lab File: VU050211.D
Acq: 10 Aug 2022 10:37

Tgt Ion:	164	Resp:	35815
Ion	Ratio	Lower	Upper
164	100		
166	127.0	102.4	153.6
129	98.6	79.5	119.3
131	96.1	77.4	116.2





#59

Chlorobenzene

Concen: 4.959 ug/l

RT: 9.446 min Scan# 2521

Delta R.T. -0.000 min

Lab File: VU050211.D

Acq: 10 Aug 2022 10:37

Instrument :

MSVOA_U

ClientSampleId :

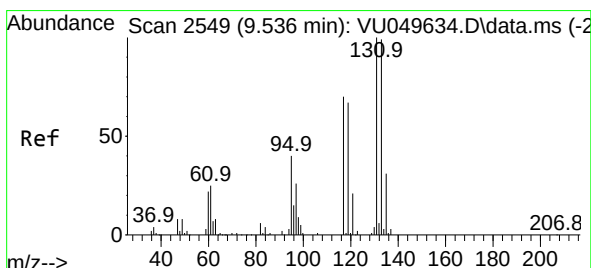
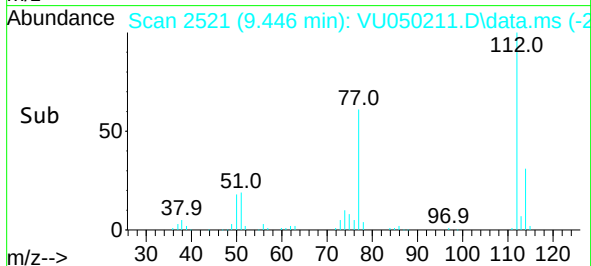
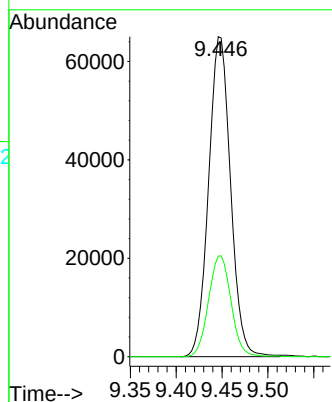
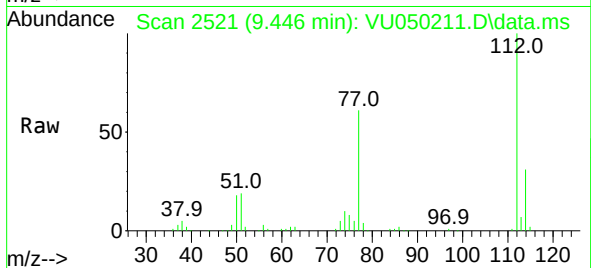
VSTDIC005

Tgt Ion:112 Resp: 108048

Ion Ratio Lower Upper

112 100

114 31.4 24.9 37.3



#60

1,1,1,2-Tetrachloroethane

Concen: 4.976 ug/l

RT: 9.533 min Scan# 2548

Delta R.T. -0.003 min

Lab File: VU050211.D

Acq: 10 Aug 2022 10:37

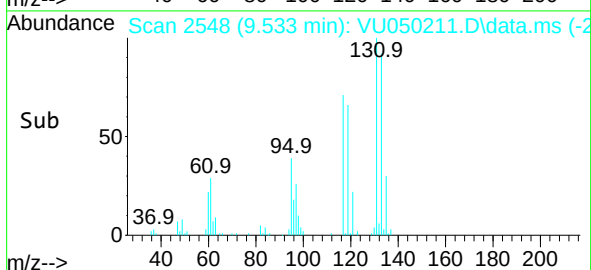
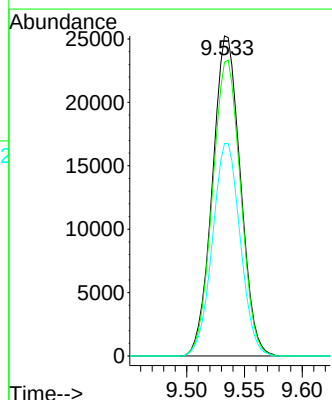
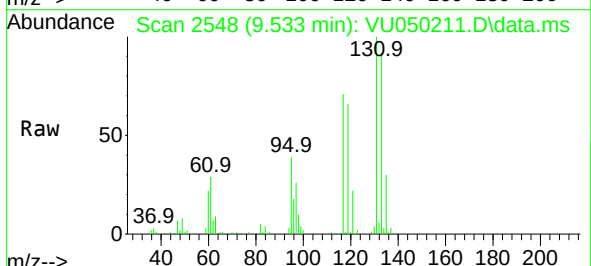
Tgt Ion:131 Resp: 42474

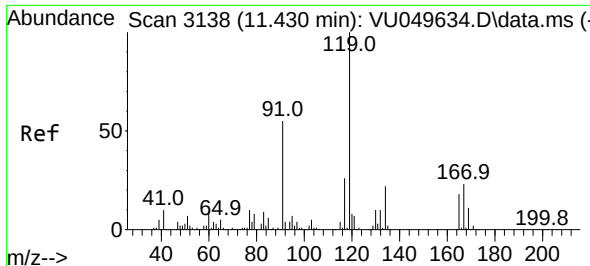
Ion Ratio Lower Upper

131 100

133 93.0 78.3 117.5

119 66.0 53.2 79.8

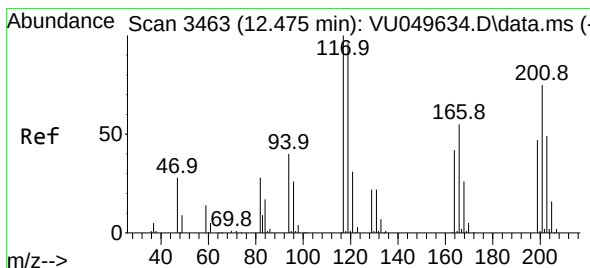
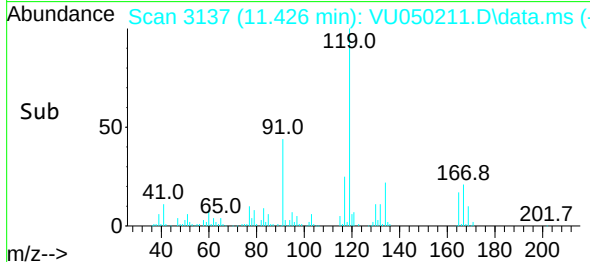
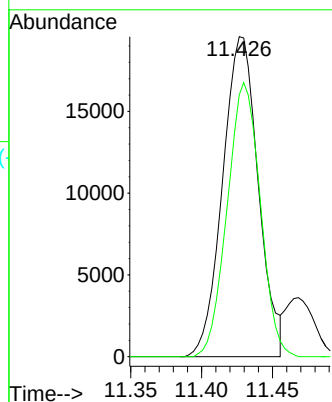
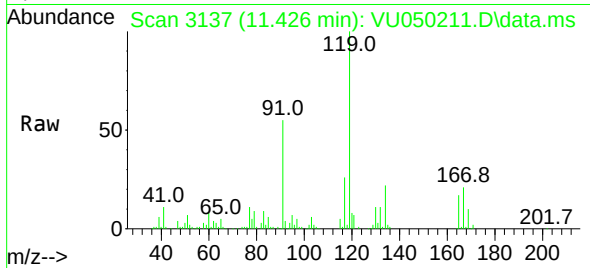




#61
 Pentachloroethane
 Concen: 4.943 ug/l
 RT: 11.426 min Scan# 3138
 Delta R.T. -0.004 min
 Lab File: VU050211.D
 Acq: 10 Aug 2022 10:37

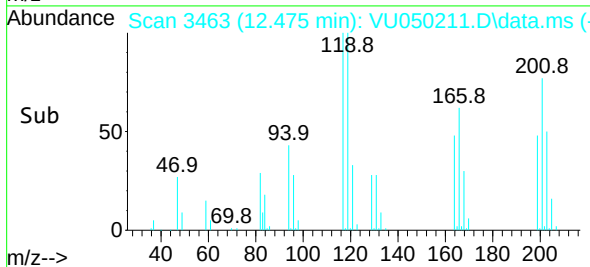
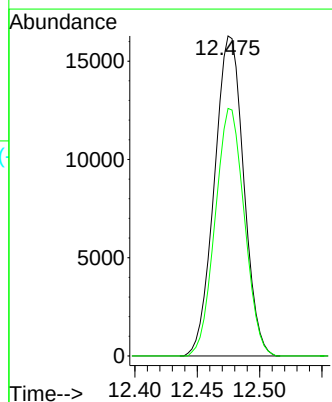
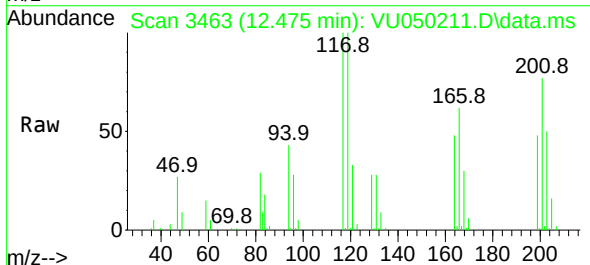
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

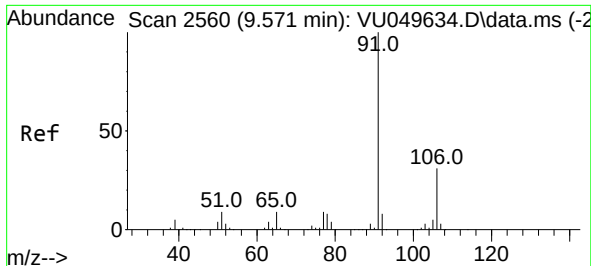
Tgt Ion:117 Resp: 34240
 Ion Ratio Lower Upper
 117 100
 167 79.4 66.2 99.4



#62
 Hexachloroethane
 Concen: 4.879 ug/l
 RT: 12.475 min Scan# 3463
 Delta R.T. -0.000 min
 Lab File: VU050211.D
 Acq: 10 Aug 2022 10:37

Tgt Ion:117 Resp: 26676
 Ion Ratio Lower Upper
 117 100
 201 77.1 61.0 91.4

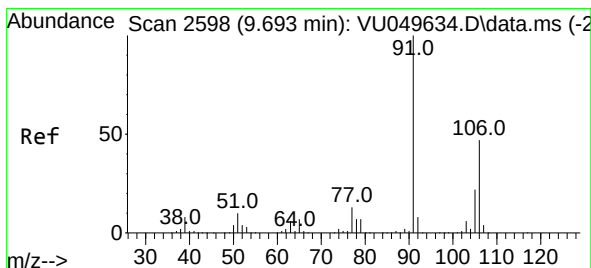
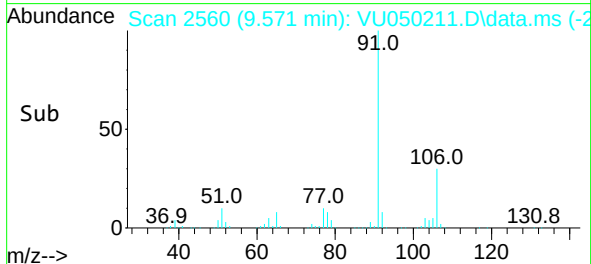
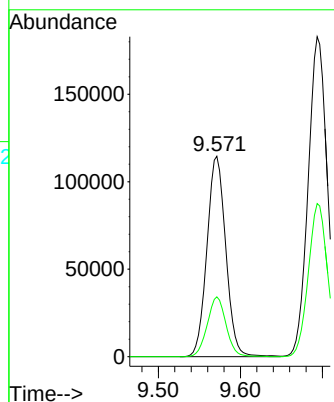
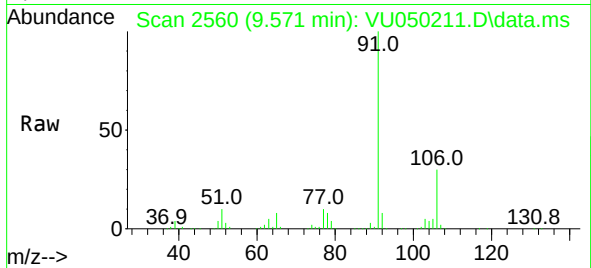




#63
Ethyl Benzene
Concen: 5.173 ug/l
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU050211.D
Acq: 10 Aug 2022 10:37

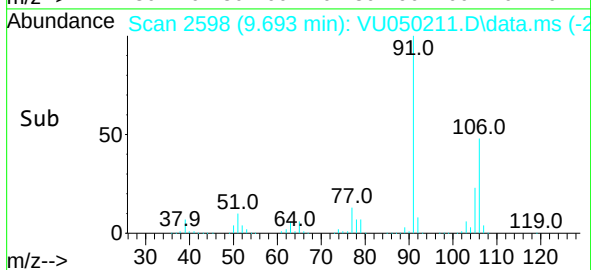
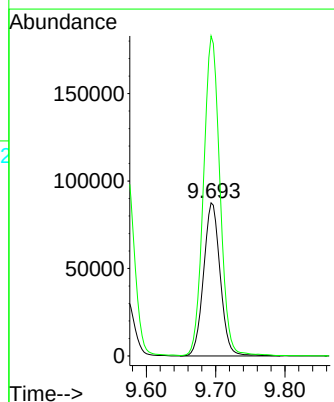
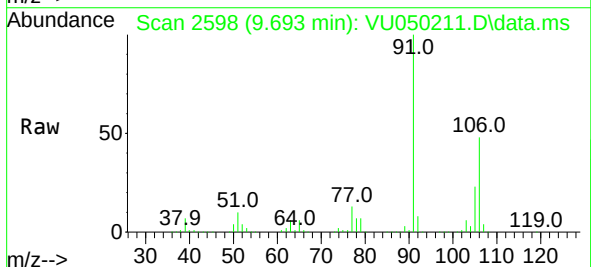
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

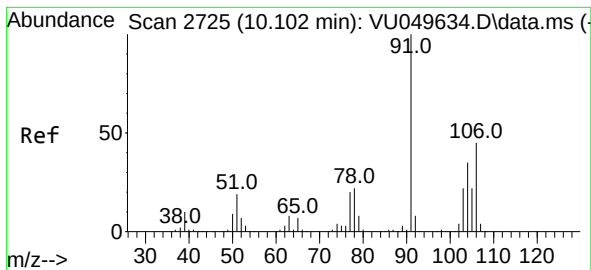
Tgt Ion: 91 Resp: 182978
Ion Ratio Lower Upper
91 100
106 29.8 24.4 36.6



#64
m/p-Xylenes
Concen: 10.803 ug/l
RT: 9.693 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU050211.D
Acq: 10 Aug 2022 10:37

Tgt Ion: 106 Resp: 145165
Ion Ratio Lower Upper
106 100
91 207.9 167.8 251.6





#65

o-Xylene

Concen: 5.345 ug/l

RT: 10.102 min Scan# 2725

Delta R.T. -0.000 min

Lab File: VU050211.D

Acq: 10 Aug 2022 10:37

Instrument :

MSVOA_U

ClientSampleId :

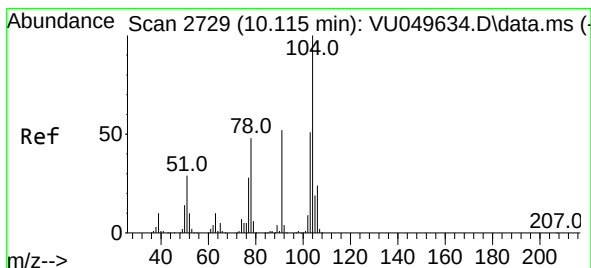
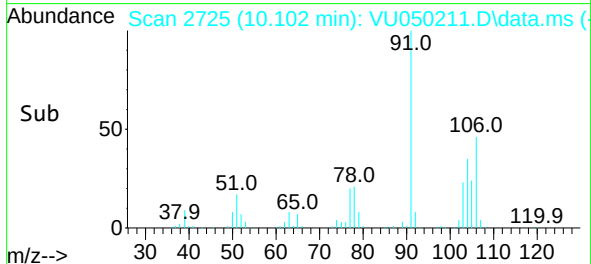
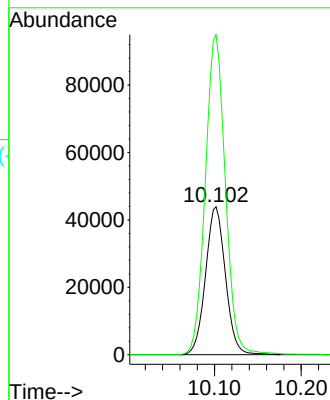
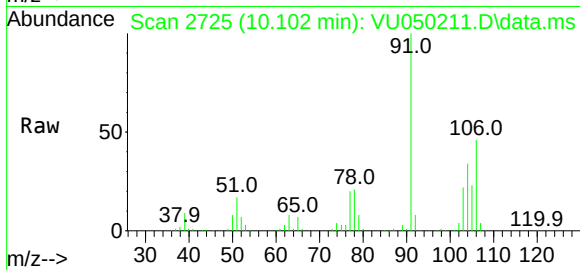
VSTDIC005

Tgt Ion:106 Resp: 70151

Ion Ratio Lower Upper

106 100

91 218.6 111.1 333.2



#66

Styrene

Concen: 5.447 ug/l

RT: 10.115 min Scan# 2729

Delta R.T. -0.000 min

Lab File: VU050211.D

Acq: 10 Aug 2022 10:37

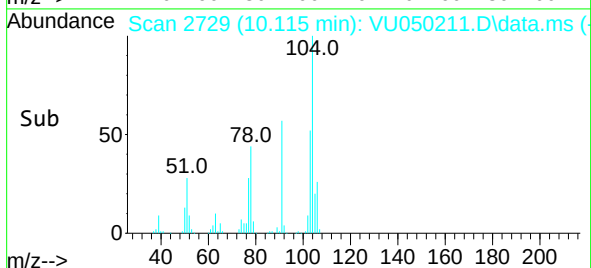
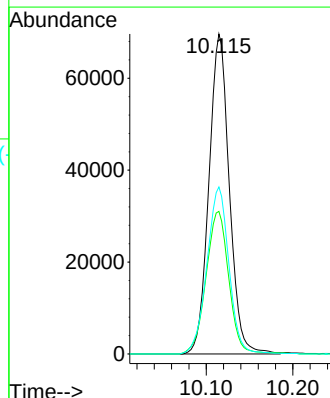
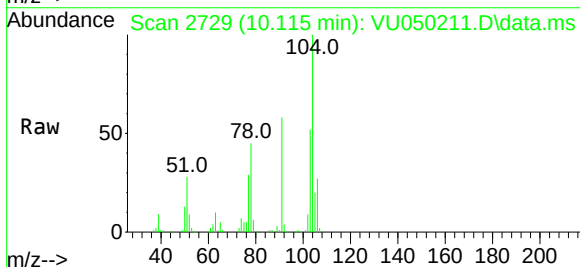
Tgt Ion:104 Resp: 114123

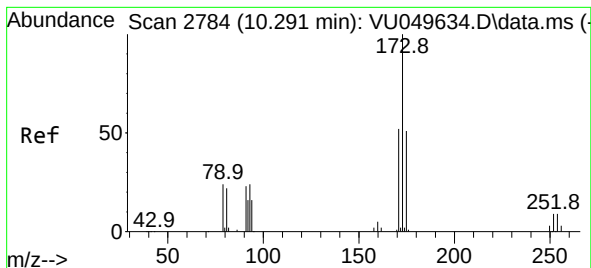
Ion Ratio Lower Upper

104 100

78 49.7 42.1 63.1

103 56.4 44.5 66.7





#67

Bromoform

Concen: 4.893 ug/l

RT: 10.291 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU050211.D

Acq: 10 Aug 2022 10:37

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

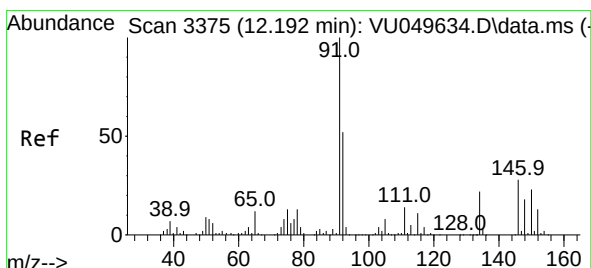
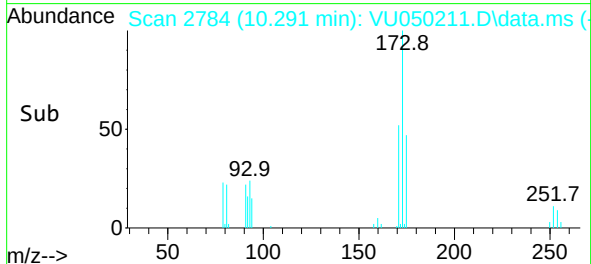
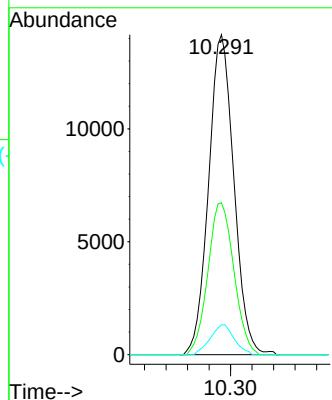
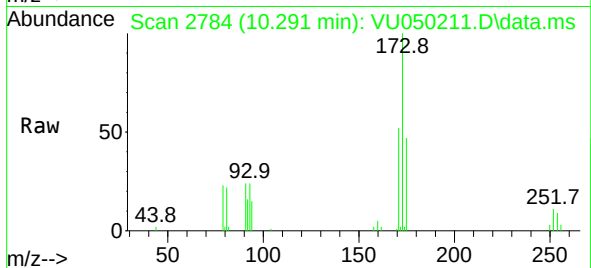
Tgt Ion:173 Resp: 23086

Ion Ratio Lower Upper

173 100

175 48.8 38.4 57.6

254 8.9 7.7 11.5



#68

1,2-Dichlorobenzene-d4

Concen: 1.022 ug/l

RT: 12.192 min Scan# 3375

Delta R.T. -0.000 min

Lab File: VU050211.D

Acq: 10 Aug 2022 10:37

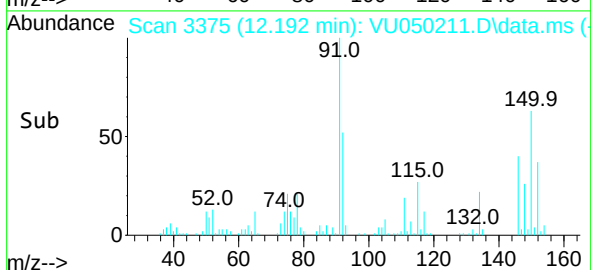
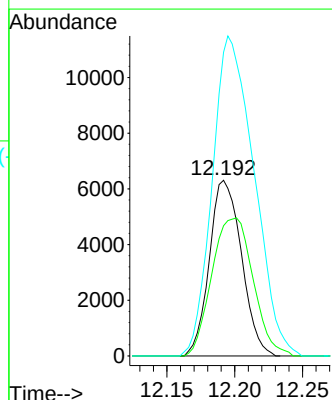
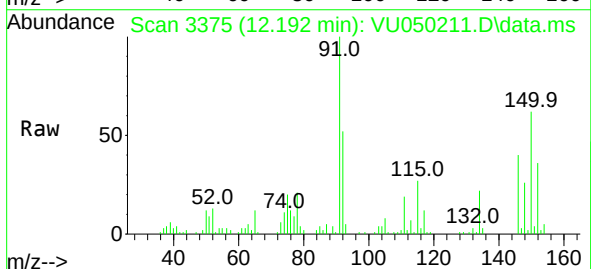
Tgt Ion:152 Resp: 10410

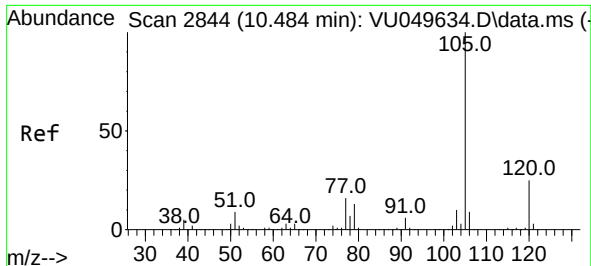
Ion Ratio Lower Upper

152 100

115 100.6 0.0 254.6

150 236.4 0.0 623.6

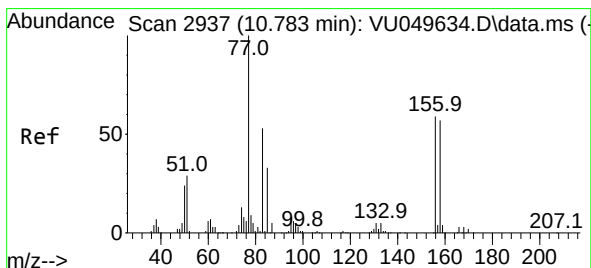
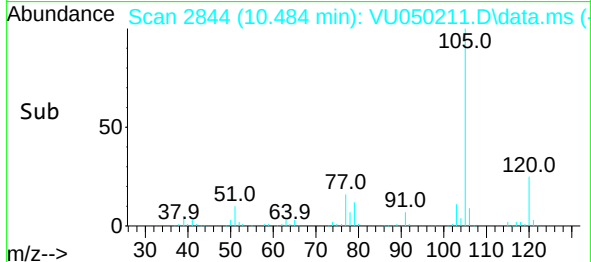
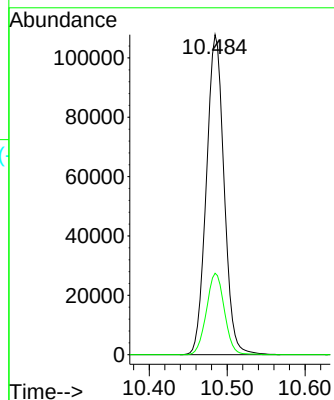
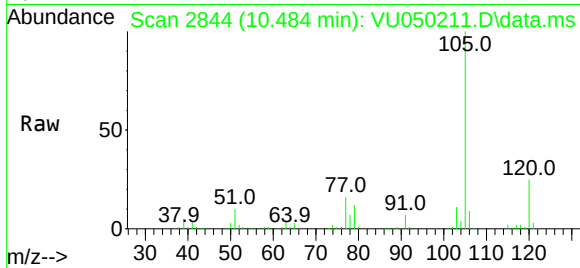




#69
Isopropylbenzene
Concen: 5.195 ug/l
RT: 10.484 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU050211.D
Acq: 10 Aug 2022 10:37

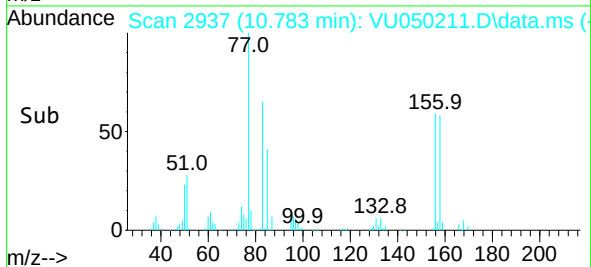
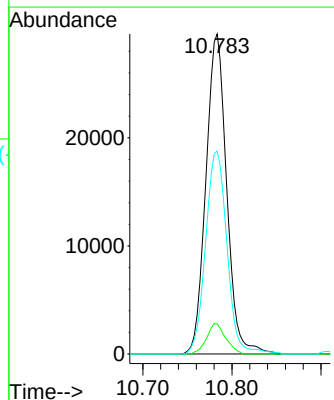
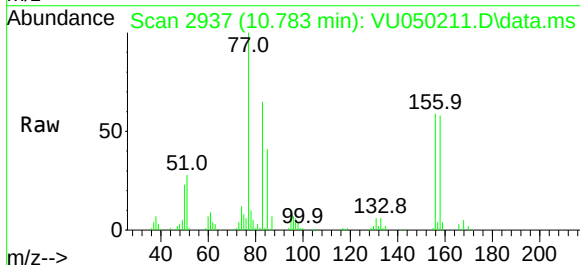
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

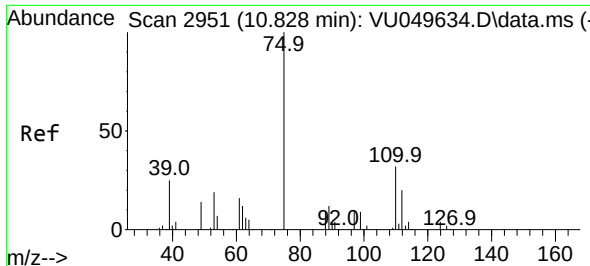
Tgt Ion:105 Resp: 170294
Ion Ratio Lower Upper
105 100
120 25.9 12.6 37.8



#70
1,1,2,2-Tetrachloroethane
Concen: 4.840 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU050211.D
Acq: 10 Aug 2022 10:37

Tgt Ion: 83 Resp: 47814
Ion Ratio Lower Upper
83 100
131 8.7 7.7 11.5
85 65.5 51.2 76.8

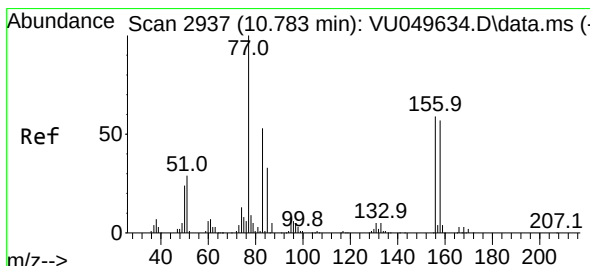
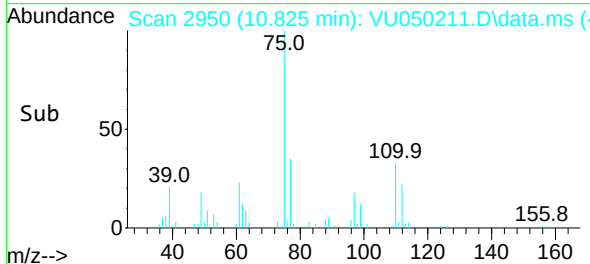
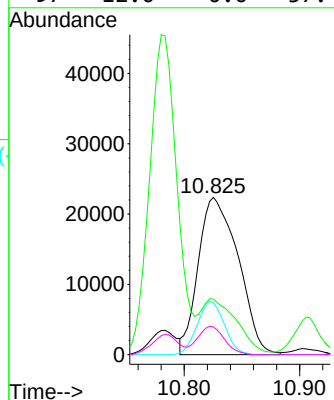
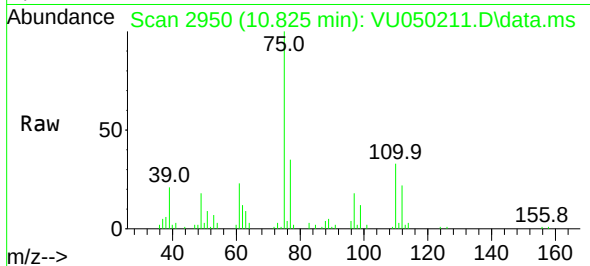




#71
1,2,3-Trichloropropane
Concen: 7.421 ug/l
RT: 10.825 min Scan# 2951
Delta R.T. -0.003 min
Lab File: VU050211.D
Acq: 10 Aug 2022 10:37

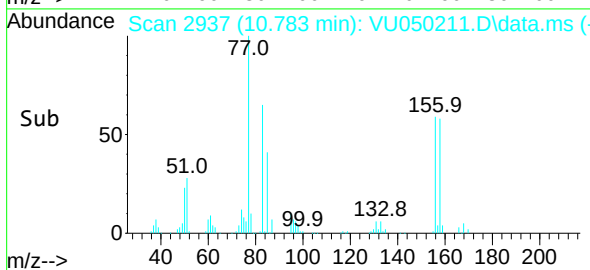
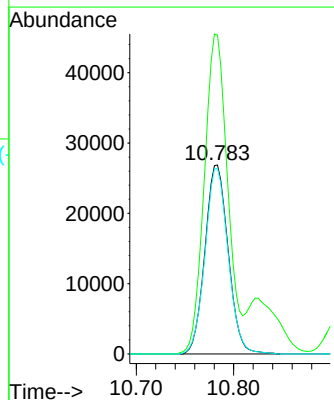
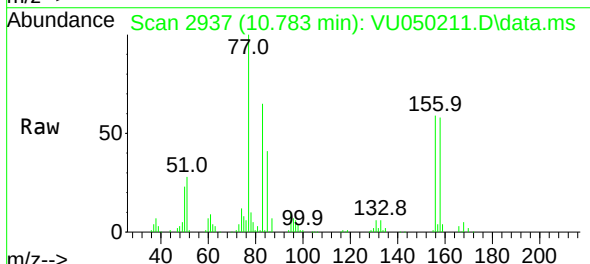
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

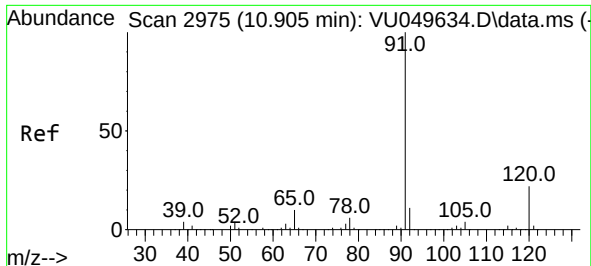
Tgt Ion:	75	Resp:	53834
Ion	Ratio	Lower	Upper
75	100		
77	30.4	0.0	112.4
110	23.1	0.0	70.6
97	12.0	0.0	37.4



#72
Bromobenzene
Concen: 4.983 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU050211.D
Acq: 10 Aug 2022 10:37

Tgt Ion:	156	Resp:	44527
Ion	Ratio	Lower	Upper
156	100		
77	169.4	0.0	344.4
158	97.9	0.0	192.2

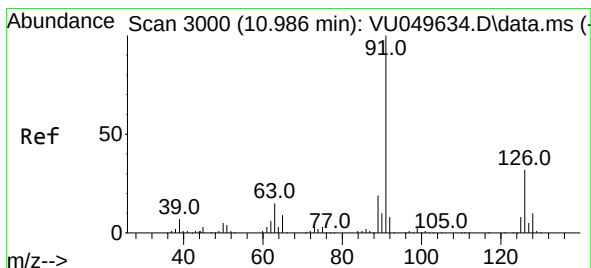
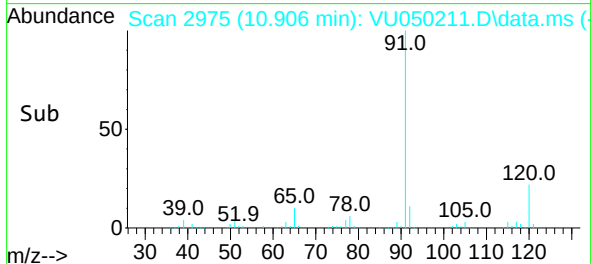
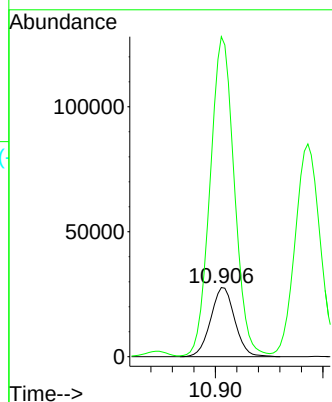
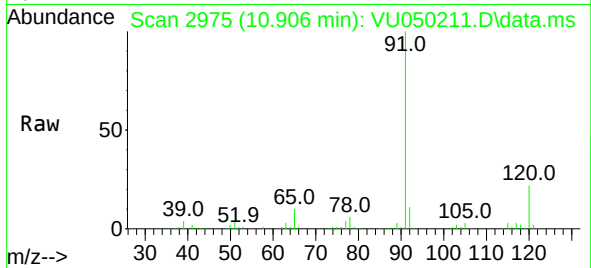




#73
n-propylbenzene
Concen: 5.281 ug/l
RT: 10.906 min Scan# 2975
Delta R.T. 0.001 min
Lab File: VU050211.D
Acq: 10 Aug 2022 10:37

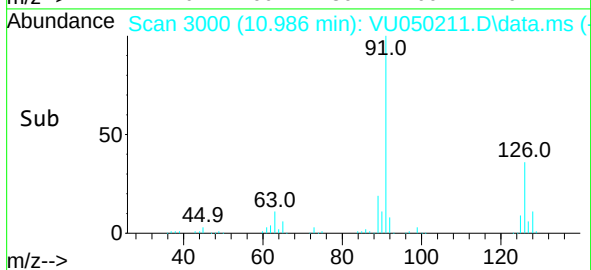
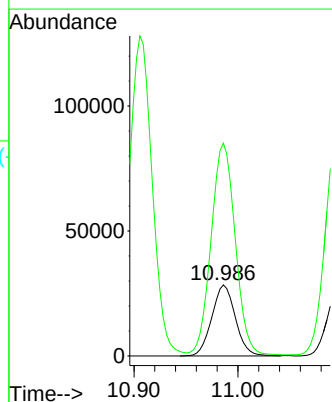
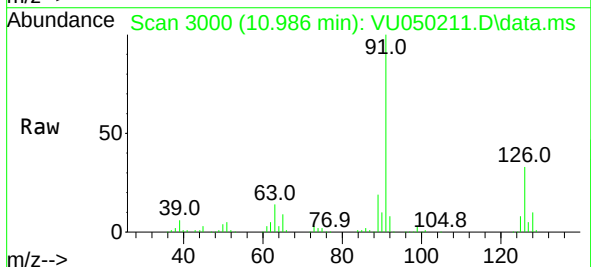
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

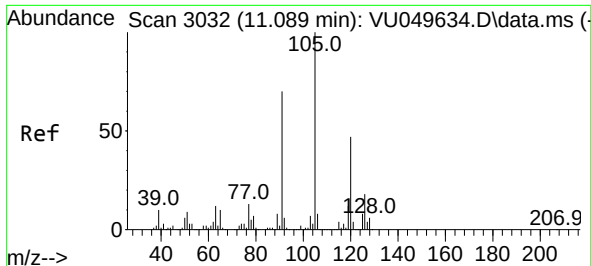
Tgt Ion:120 Resp: 42985
Ion Ratio Lower Upper
120 100
91 463.2 367.8 551.6



#74
2-Chlorotoluene
Concen: 5.348 ug/l
RT: 10.986 min Scan# 3000
Delta R.T. -0.000 min
Lab File: VU050211.D
Acq: 10 Aug 2022 10:37

Tgt Ion:126 Resp: 44687
Ion Ratio Lower Upper
126 100
91 306.3 0.0 620.6

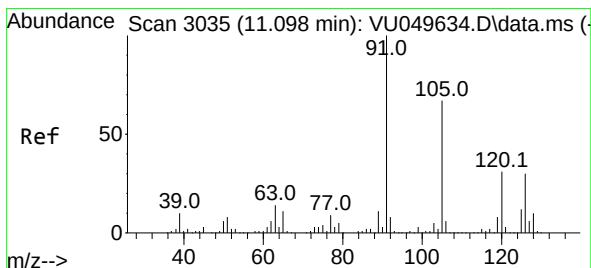
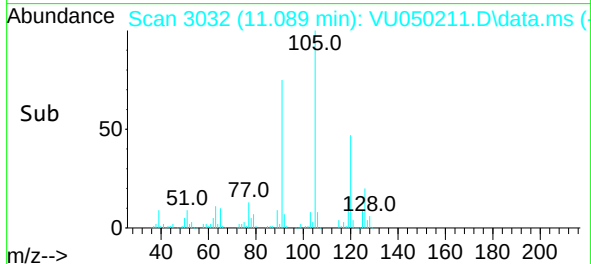
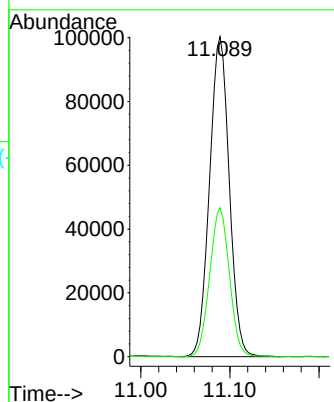
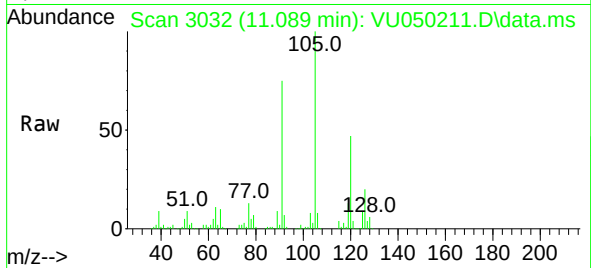




#75
1,3,5-Trimethylbenzene
Concen: 5.509 ug/l
RT: 11.089 min Scan# 3032
Delta R.T. -0.000 min
Lab File: VU050211.D
Acq: 10 Aug 2022 10:37

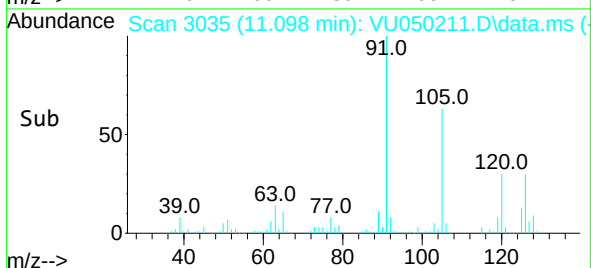
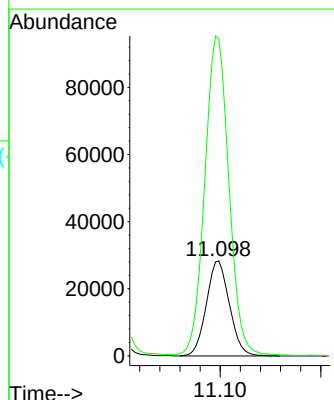
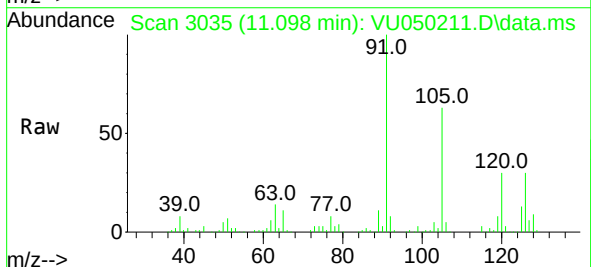
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

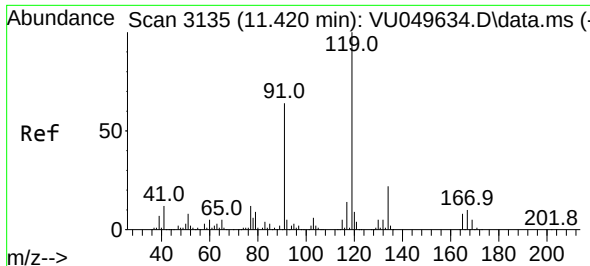
Tgt Ion:105 Resp: 153981
Ion Ratio Lower Upper
105 100
120 46.6 37.6 56.4



#76
4-Chlorotoluene
Concen: 5.447 ug/l
RT: 11.098 min Scan# 3035
Delta R.T. 0.000 min
Lab File: VU050211.D
Acq: 10 Aug 2022 10:37

Tgt Ion:126 Resp: 45042
Ion Ratio Lower Upper
126 100
91 351.5 0.0 738.8

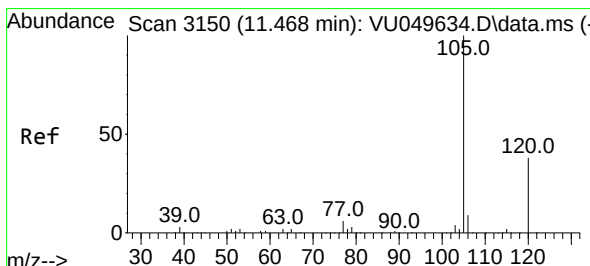
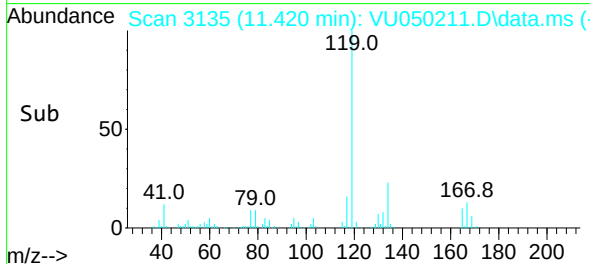
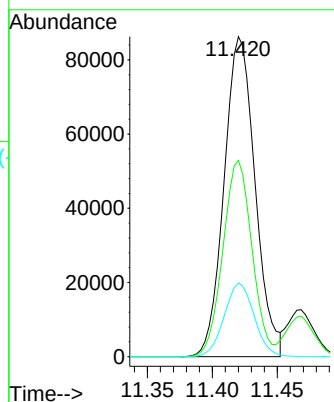
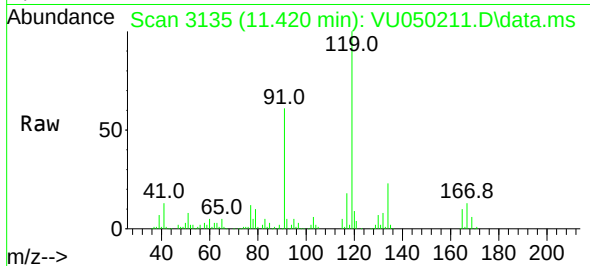




#77
tert-Butylbenzene
Concen: 5.168 ug/l
RT: 11.420 min Scan# 3135
Delta R.T. 0.000 min
Lab File: VU050211.D
Acq: 10 Aug 2022 10:37

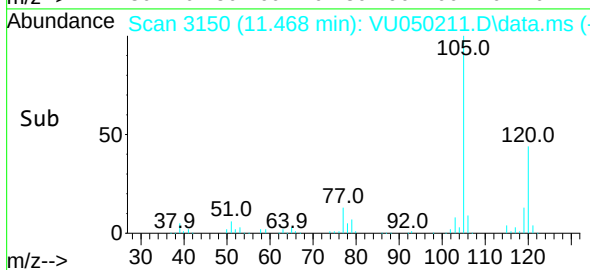
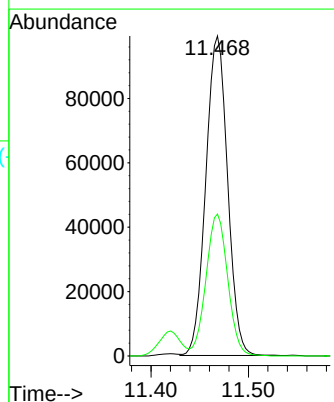
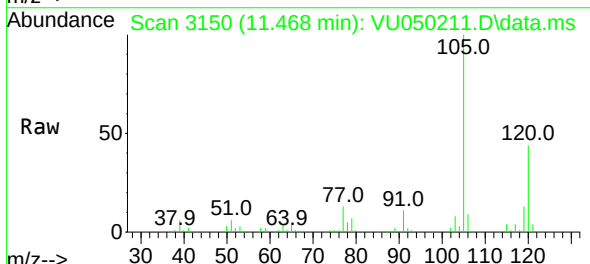
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

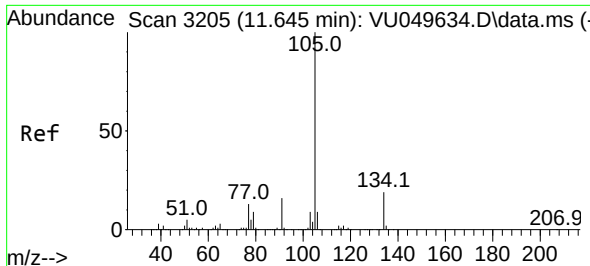
Tgt Ion:119 Resp: 143270
Ion Ratio Lower Upper
119 100
91 57.8 30.4 91.3
134 22.2 17.8 26.6



#78
1,2,4-Trimethylbenzene
Concen: 5.411 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU050211.D
Acq: 10 Aug 2022 10:37

Tgt Ion:105 Resp: 154187
Ion Ratio Lower Upper
105 100
120 44.3 21.6 65.0

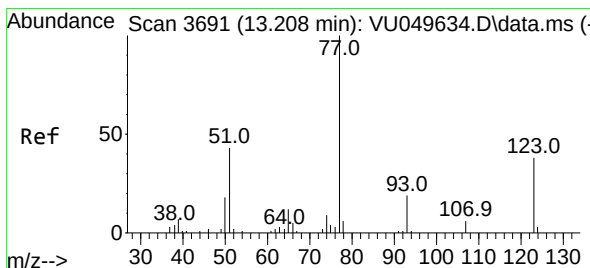
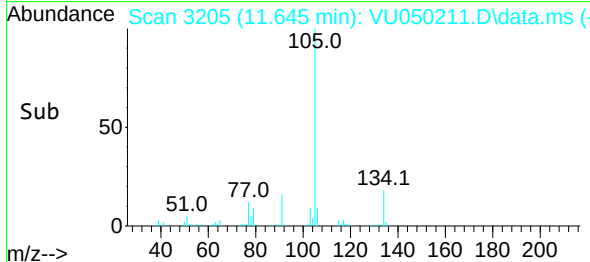
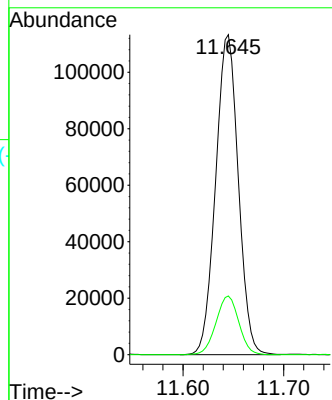
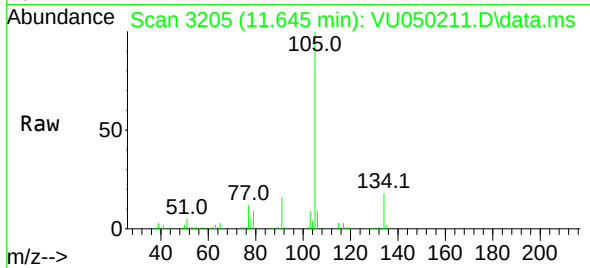




#79
 sec-Butylbenzene
 Concen: 5.262 ug/l
 RT: 11.645 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU050211.D
 Acq: 10 Aug 2022 10:37

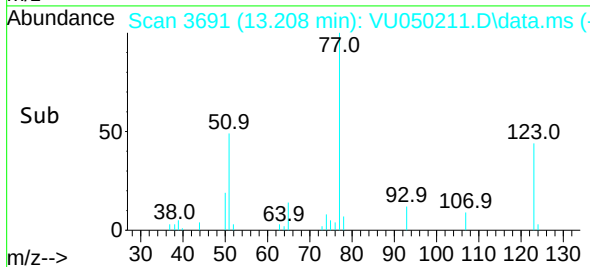
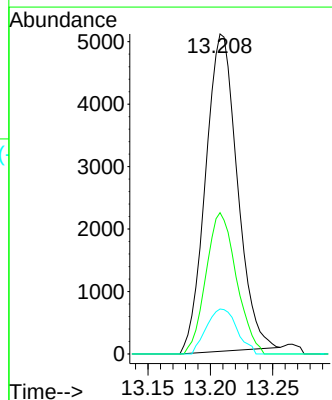
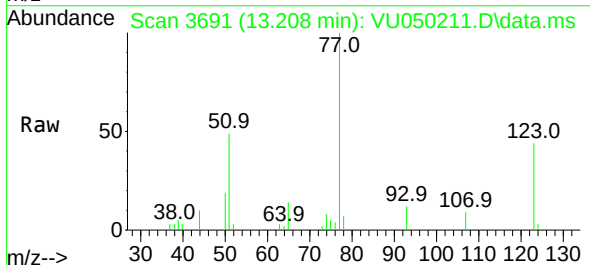
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 ClientSampleId :
 VSTDIC005

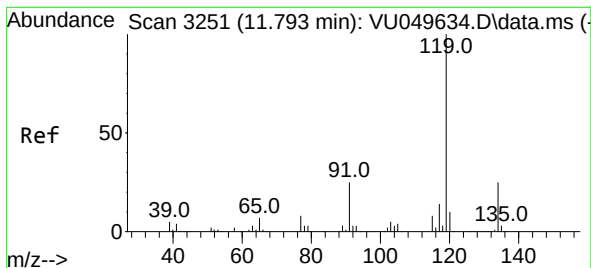
Tgt Ion:105 Resp: 177217
 Ion Ratio Lower Upper
 105 100
 134 18.5 15.4 23.0



#80
 Nitrobenzene
 Concen: 23.275 ug/l
 RT: 13.208 min Scan# 3691
 Delta R.T. -0.000 min
 Lab File: VU050211.D
 Acq: 10 Aug 2022 10:37

Tgt Ion: 77 Resp: 9010
 Ion Ratio Lower Upper
 77 100
 123 42.6 18.1 64.3
 65 13.5 10.8 13.8





#81

p-Isopropyltoluene

Concen: 5.268 ug/l

RT: 11.793 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU050211.D

Acq: 10 Aug 2022 10:37

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

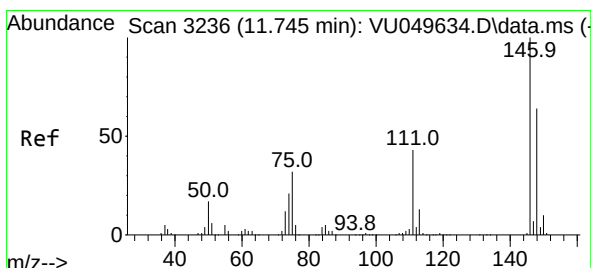
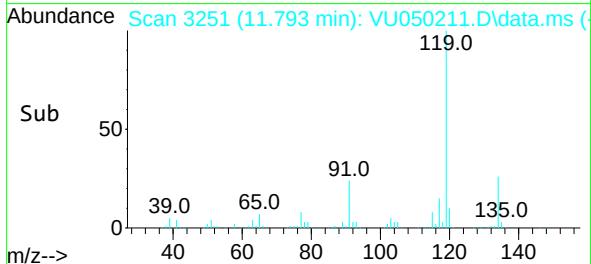
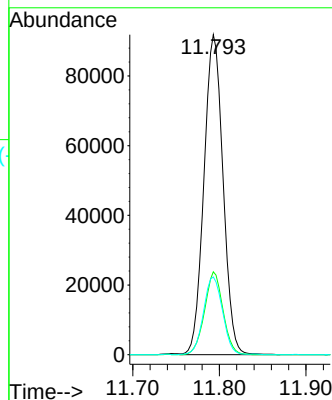
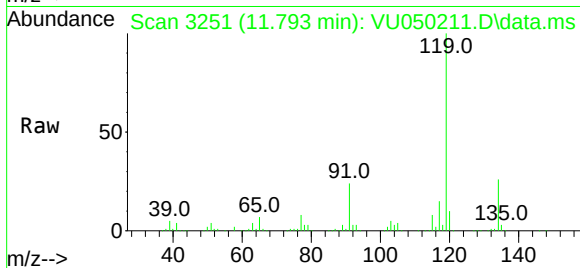
Tgt Ion:119 Resp: 140619

Ion Ratio Lower Upper

119 100

134 25.0 20.5 30.7

91 24.2 19.8 29.6



#82

1,3-Dichlorobenzene

Concen: 5.101 ug/l

RT: 11.745 min Scan# 3236

Delta R.T. -0.000 min

Lab File: VU050211.D

Acq: 10 Aug 2022 10:37

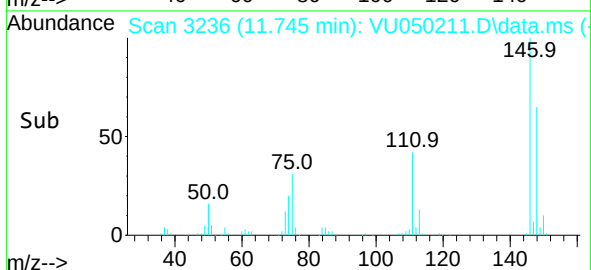
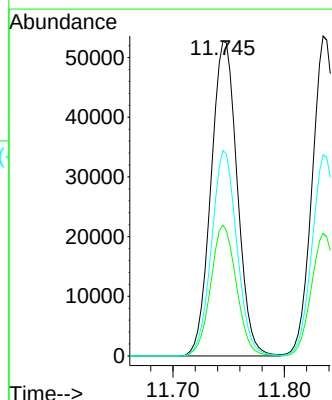
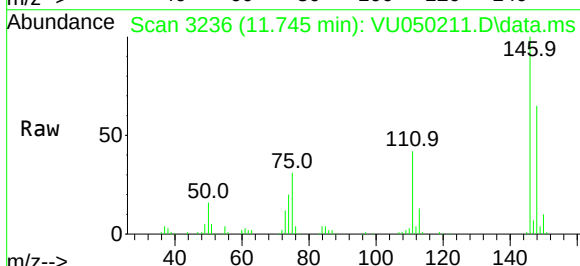
Tgt Ion:146 Resp: 86429

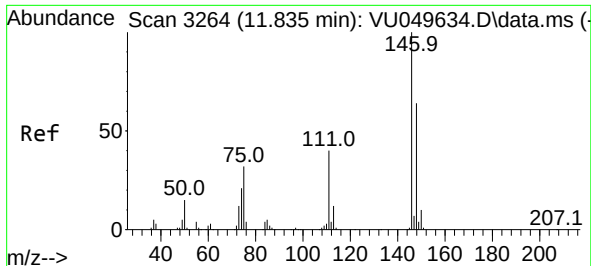
Ion Ratio Lower Upper

146 100

111 40.7 33.4 50.2

148 63.2 51.2 76.8

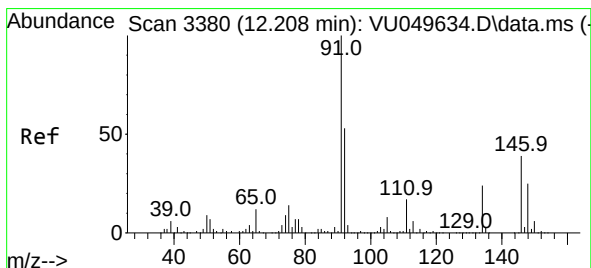
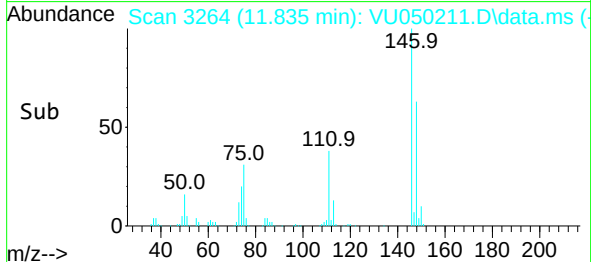
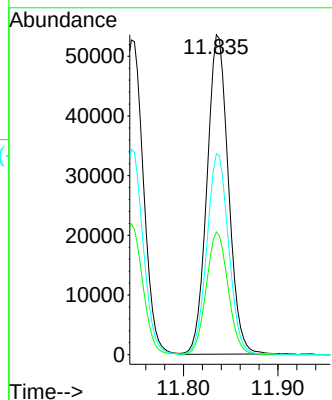
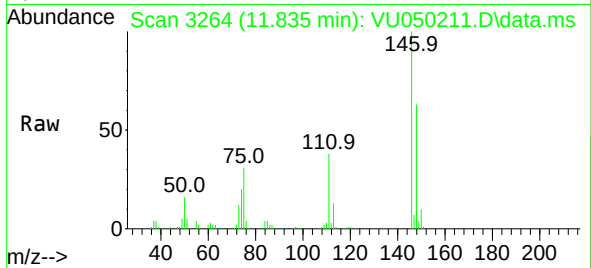




#83
1,4-Dichlorobenzene
Concen: 5.113 ug/l
RT: 11.835 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU050211.D
Acq: 10 Aug 2022 10:37

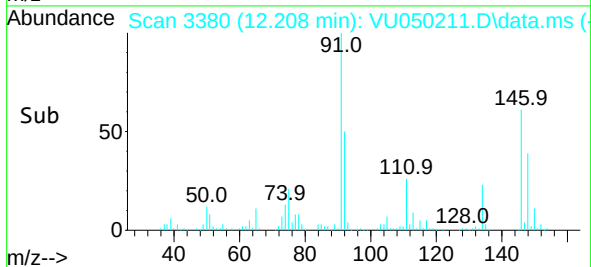
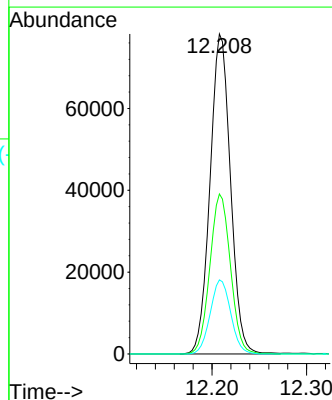
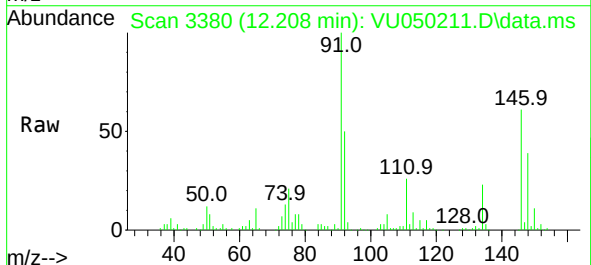
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

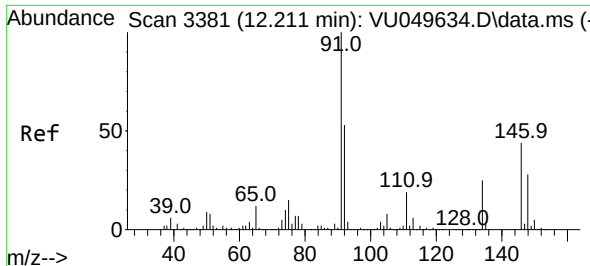
Tgt Ion:146 Resp: 84164
Ion Ratio Lower Upper
146 100
111 39.2 32.6 49.0
148 64.2 51.6 77.4



#84
n-Butylbenzene
Concen: 5.060 ug/l
RT: 12.208 min Scan# 3380
Delta R.T. -0.000 min
Lab File: VU050211.D
Acq: 10 Aug 2022 10:37

Tgt Ion: 91 Resp: 117441
Ion Ratio Lower Upper
91 100
92 50.4 42.3 63.5
134 23.2 19.6 29.4

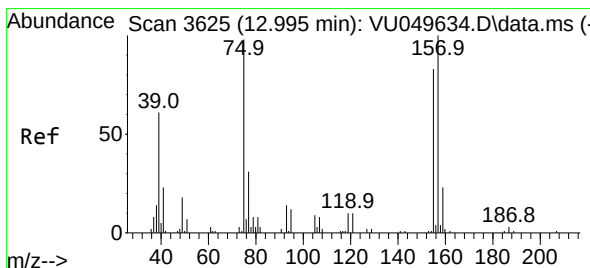
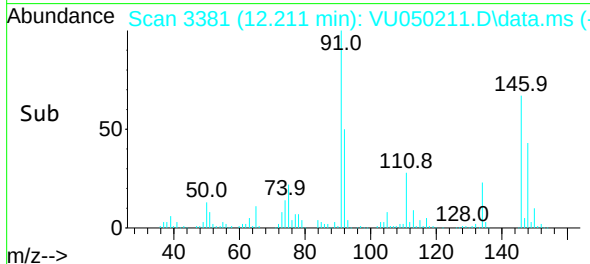
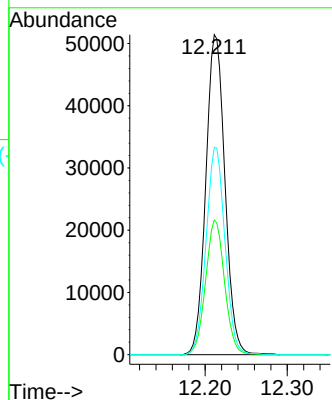
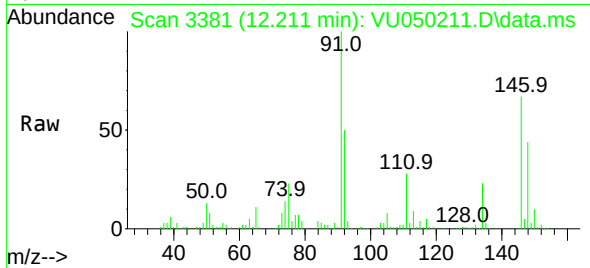




#85
 1,2-Dichlorobenzene
 Concen: 5.072 ug/l
 RT: 12.211 min Scan# 3381
 Delta R.T. -0.000 min
 Lab File: VU050211.D
 Acq: 10 Aug 2022 10:37

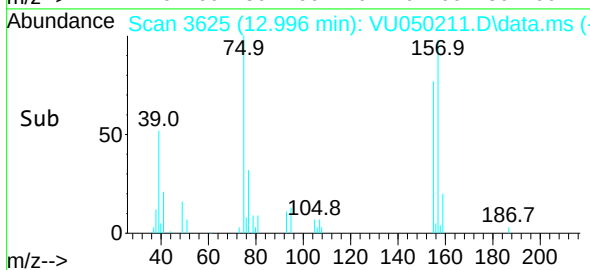
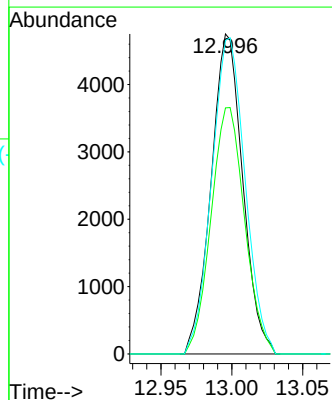
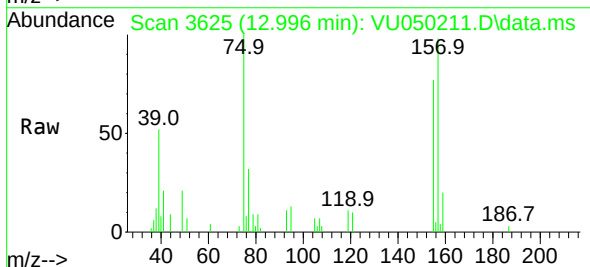
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

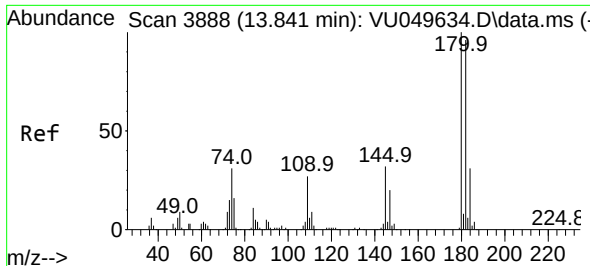
Tgt Ion:	146	Resp:	83351
Ion	Ratio	Lower	Upper
146	100		
111	41.8	22.1	66.1
148	64.3	32.1	96.3



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 4.868 ug/l
 RT: 12.996 min Scan# 3625
 Delta R.T. 0.001 min
 Lab File: VU050211.D
 Acq: 10 Aug 2022 10:37

Tgt Ion:	75	Resp:	7381
Ion	Ratio	Lower	Upper
75	100		
155	81.5	66.8	100.2
157	104.1	83.8	125.8

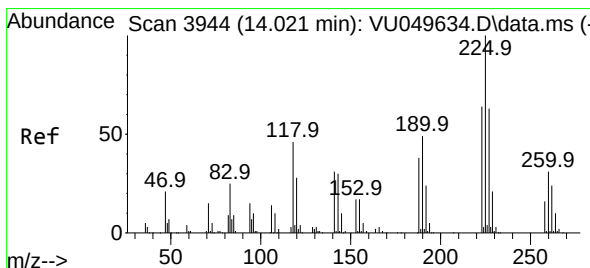
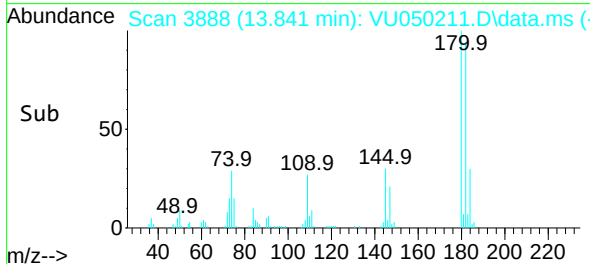
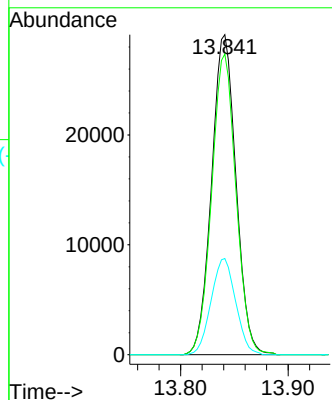
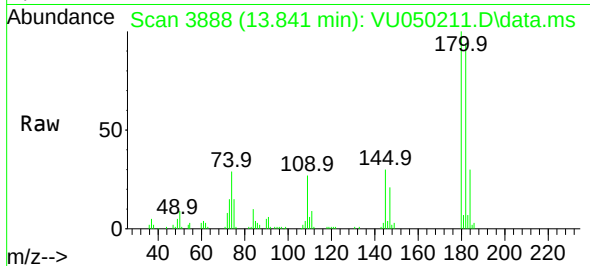




#87
 1,2,4-Trichlorobenzene
 Concen: 4.993 ug/l
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.000 min
 Lab File: VU050211.D
 Acq: 10 Aug 2022 10:37

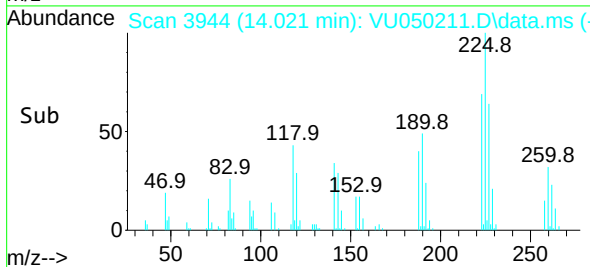
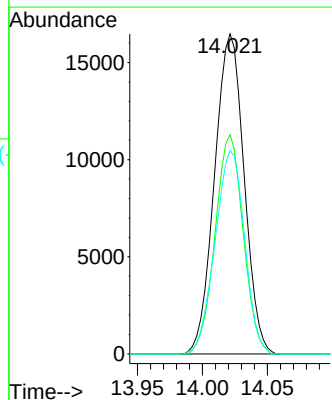
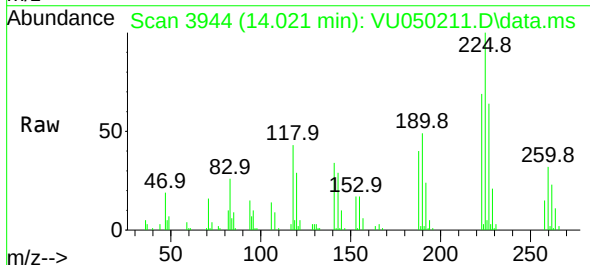
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

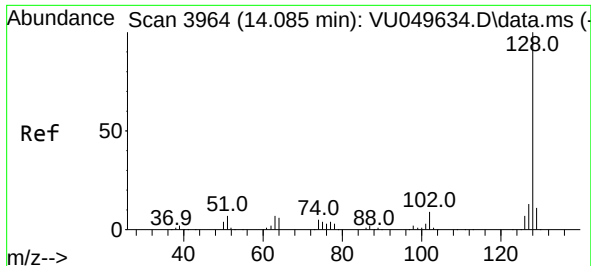
Tgt Ion:180 Resp: 45885
 Ion Ratio Lower Upper
 180 100
 182 93.7 77.0 115.6
 145 30.3 25.7 38.5



#88
 Hexachlorobutadiene
 Concen: 4.844 ug/l
 RT: 14.021 min Scan# 3944
 Delta R.T. 0.000 min
 Lab File: VU050211.D
 Acq: 10 Aug 2022 10:37

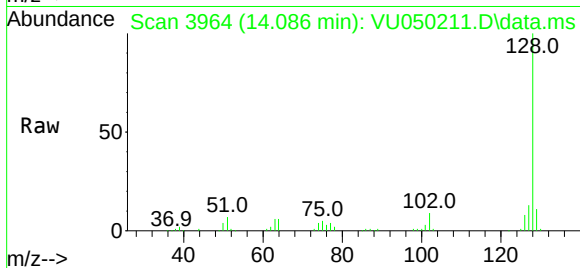
Tgt Ion:225 Resp: 26034
 Ion Ratio Lower Upper
 225 100
 223 65.0 50.6 76.0
 227 63.4 50.7 76.1



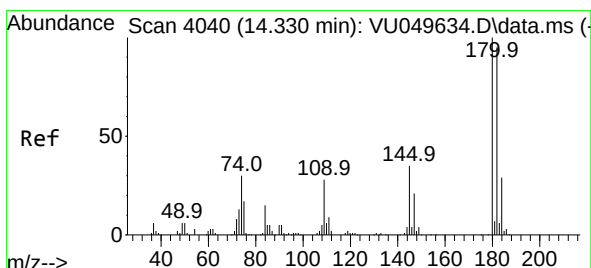
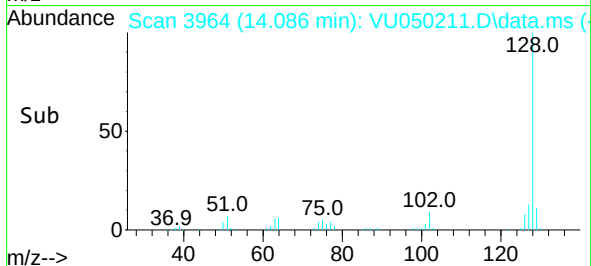
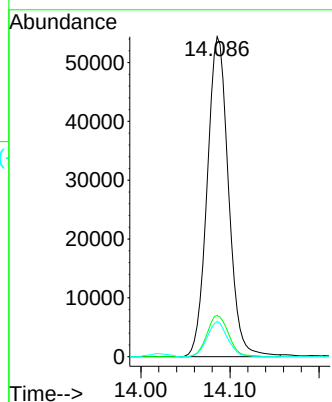


#89
Naphthalene
Concen: 4.763 ug/l
RT: 14.086 min Scan# 3964
Delta R.T. 0.000 min
Lab File: VU050211.D
Acq: 10 Aug 2022 10:37

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



Tgt Ion:128 Resp: 90319
Ion Ratio Lower Upper
128 100
127 13.1 10.1 15.1
129 10.5 8.6 12.8



#90
1,2,3-Trichlorobenzene
Concen: 4.983 ug/l
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU050211.D
Acq: 10 Aug 2022 10:37

Tgt Ion:180 Resp: 47141
Ion Ratio Lower Upper
180 100
182 95.3 76.6 114.8
145 31.7 27.3 40.9

