

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU123021\
 Data File : VU046641.D
 Acq On : 30 Dec 2021 09:21
 Operator : SY/MD
 Sample : VSTDIC001
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 30 10:58:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U123021DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Dec 30 10:57:02 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.118	96	18851	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.636	95	6361	0.930	ug/l	0.00
Spiked Amount 1.000			Recovery	=	93.000%	
68) 1,2-Dichlorobenzene-d4	12.195	152	6743	1.027	ug/l	0.00
Spiked Amount 1.000			Recovery	=	103.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	7581	1.068	ug/l	98
3) Chloromethane	1.523	50	6765	0.930	ug/l	98
4) Vinyl Chloride	1.607	62	7230	0.956	ug/l	98
5) Bromomethane	1.864	94	3752	0.905	ug/l	90
6) Chloroethane	1.941	64	4318	0.889	ug/l	94
7) Trichlorofluoromethane	2.144	101	10126	1.121	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.588	101	5695	1.101	ug/l	97
9) 1,1-Dichloroethene	2.588	96	5108	1.051	ug/l	93
10) Iodomethane	2.729	142	3289	0.660	ug/l	92
11) Allyl Chloride	2.932	41	6252	0.897	ug/l	94
12) Acrylonitrile	3.337	53	1069	0.855	ug/l	# 88
13) Acetone	2.668	43	4596	3.237	ug/l	98
14) Carbon Disulfide	2.800	76	16915	1.135	ug/l	98
15) Methylene Chloride	3.054	84	6860	1.168	ug/l	92
16) trans-1,2-Dichloroethene	3.356	96	5159	0.987	ug/l	94
17) 1,1-Dichloroethane	3.877	63	10066	1.033	ug/l	97
18) 2-Butanone	4.742	43	8518	4.600	ug/l	96
19) Cyclohexane	5.395	56	6203	0.716	ug/l	86
20) Methylcyclohexane	6.768	83	6829	0.774	ug/l	97
21) 2,2-Dichloropropane	4.668	77	8581	1.033	ug/l	97
22) cis-1,2-Dichloroethene	4.671	96	5533	0.966	ug/l	97
23) Diethyl Ether	2.385	59	3953	0.889	ug/l	97
24) tert-Butyl Alcohol	3.324	59	146	0.385	ug/l	# 1
25) Methyl tert-Butyl Ether	3.369	73	11509	0.857	ug/l	98
26) Bromochloromethane	4.977	128	2842	1.139	ug/l	94
27) Chloroform	5.096	83	11488	1.138	ug/l	99
28) 1,1,1-Trichloroethane	5.321	97	9852	1.182	ug/l	94
29) 1,1-Dichloropropene	5.530	75	7203	0.958	ug/l	98
30) Carbon Tetrachloride	5.533	117	9022	1.356	ug/l	98
31) Isopropyl Ether	3.999	45	11538	0.766	ug/l	92
32) Ethyl-t-butyl ether	4.510	59	11388	0.754	ug/l	96
33) Tert-Amyl methyl ether	5.944	73	10574	0.781	ug/l	# 95
34) Propionitrile	4.809	54	588	1.247	ug/l	# 11
35) Benzene	5.780	78	21059	0.972	ug/l	97
36) 1,2-Dichloroethane	5.800	62	7255	1.038	ug/l	98
37) Trichloroethene	6.546	130	5475	1.038	ug/l	99
38) 1,2-Dichloropropane	6.793	63	5691	1.012	ug/l	95
39) Methacrylonitrile	4.989	41	1815	0.976	ug/l	# 26
40) Methyl acrylate	4.861	55	2301	0.734	ug/l	# 87
41) Tetrahydrofuran	5.083	42	1601	1.508	ug/l	92
42) 1-Chlorobutane	5.465	56	9013	0.843	ug/l	94
43) Dibromomethane	6.922	93	3335	1.163	ug/l	96
44) Bromodichloromethane	7.108	83	8738	1.230	ug/l	96

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Quant Time: Dec 30 10:58:59 2021
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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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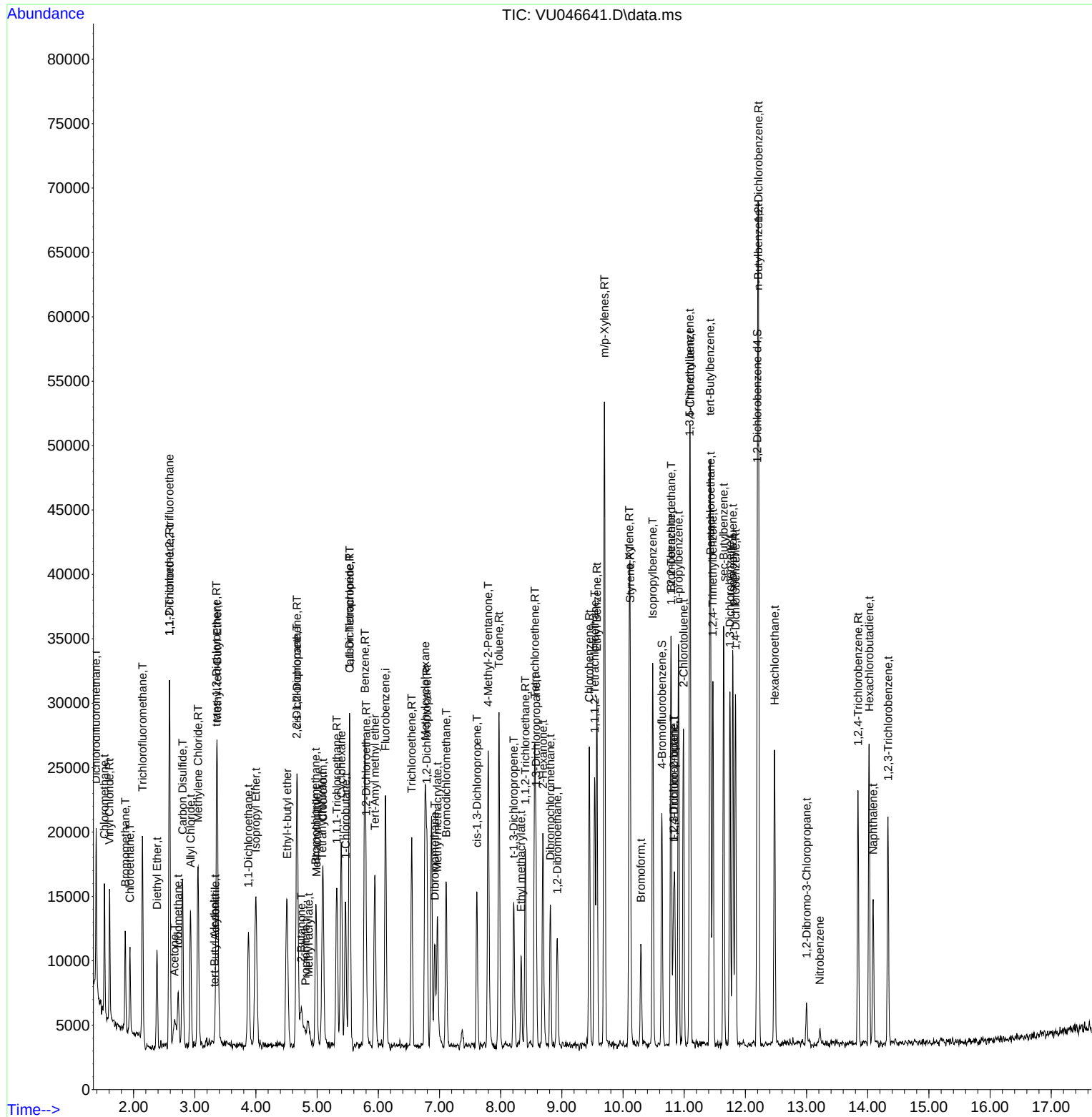
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.796	43	15938	4.183	ug/l	97
46) t-1,4-Dichloro-2-butene	10.832	75	7629	5.446	ug/l #	51
47) Methyl methacrylate	6.967	69	4851	1.704	ug/l	91
48) Ethyl methacrylate	8.333	69	4144	0.752	ug/l	90
49) Toluene	7.973	92	11000	0.824	ug/l	94
50) t-1,3-Dichloropropene	8.214	75	6875	0.999	ug/l	93
51) cis-1,3-Dichloropropene	7.613	75	7615	0.956	ug/l	90
52) 1,1,2-Trichloroethane	8.404	97	4734	1.154	ug/l	95
53) 1,3-Dichloropropane	8.578	76	8154	1.074	ug/l	98
54) 2-Hexanone	8.690	43	11159	3.803	ug/l	93
55) Dibromochloromethane	8.812	129	5759	1.300	ug/l	99
56) 1,2-Dibromoethane	8.925	107	4351	1.124	ug/l	97
58) Tetrachloroethene	8.558	164	4666	0.981	ug/l	94
59) Chlorobenzene	9.449	112	12823	0.929	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.536	131	5611	1.189	ug/l	99
61) Pentachloroethane	11.433	117	4552	1.310	ug/l	95
62) Hexachloroethane	12.478	117	4688	1.282	ug/l	91
63) Ethyl Benzene	9.571	91	18888	0.764	ug/l	99
64) m/p-Xylenes	9.697	106	14574	1.542	ug/l	98
65) o-Xylene	10.102	106	7052	0.768	ug/l	96
66) Styrene	10.118	104	12189	0.803	ug/l	94
67) Bromoform	10.295	173	3476	1.462	ug/l	100
69) Isopropylbenzene	10.484	105	18600	0.774	ug/l	97
70) 1,1,2,2-Tetrachloroethane	10.787	83	6131	1.154	ug/l	95
71) 1,2,3-Trichloropropane	10.832	75	7629	1.788	ug/l	75
72) Bromobenzene	10.783	156	5553	1.024	ug/l	87
73) n-propylbenzene	10.909	120	5565	0.875	ug/l	86
74) 2-Chlorotoluene	10.989	126	4853	0.884	ug/l	93
75) 1,3,5-Trimethylbenzene	11.089	105	15195	0.752	ug/l	98
76) 4-Chlorotoluene	11.099	126	5034	0.889	ug/l	92
77) tert-Butylbenzene	11.423	119	16260	0.828	ug/l	94
78) 1,2,4-Trimethylbenzene	11.468	105	15393	0.745	ug/l	100
79) sec-Butylbenzene	11.645	105	20876	0.772	ug/l	97
80) Nitrobenzene	13.217	77	1008	5.895	ug/l #	81
81) p-Isopropyltoluene	11.793	119	16873	0.775	ug/l	99
82) 1,3-Dichlorobenzene	11.748	146	11503	1.059	ug/l	97
83) 1,4-Dichlorobenzene	11.838	146	11113	1.029	ug/l	97
84) n-Butylbenzene	12.211	91	16878	0.819	ug/l	95
85) 1,2-Dichlorobenzene	12.214	146	11083	1.071	ug/l	100
86) 1,2-Dibromo-3-Chloropr...	12.999	75	1164	1.284	ug/l	91
87) 1,2,4-Trichlorobenzene	13.841	180	6207	0.973	ug/l	99
88) Hexachlorobutadiene	14.024	225	4135	1.336	ug/l	97
89) Naphthalene	14.089	128	9746	0.774	ug/l	97
90) 1,2,3-Trichlorobenzene	14.333	180	5843	0.970	ug/l	98

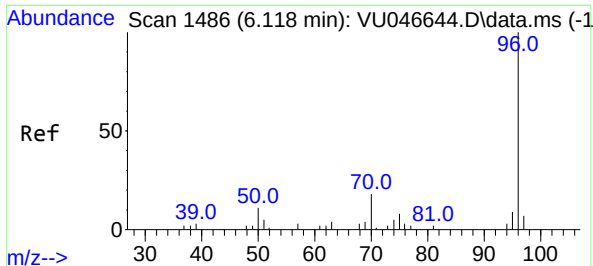
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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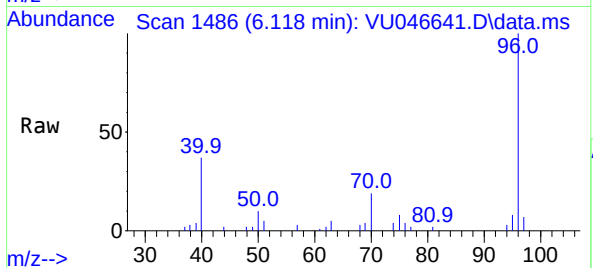
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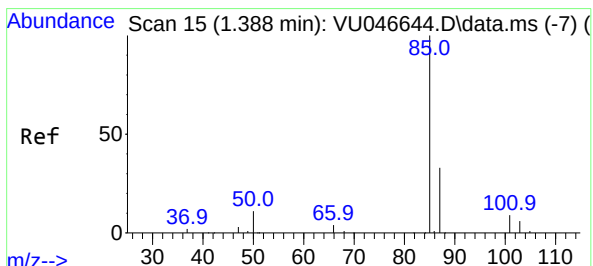
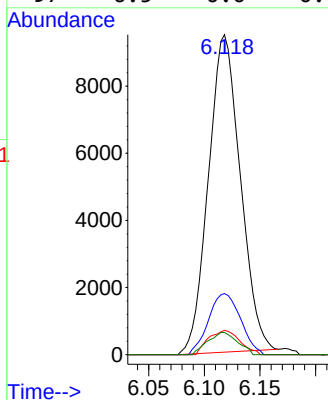
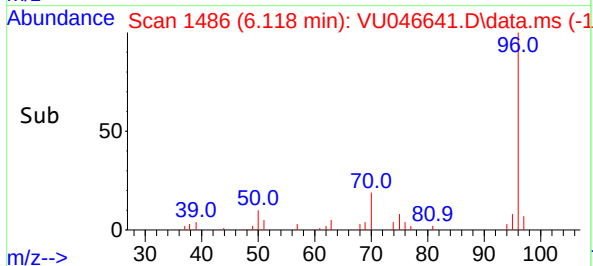
#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.118 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU046641.D
Acq: 30 Dec 2021 09:21

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 96 Resp: 18851

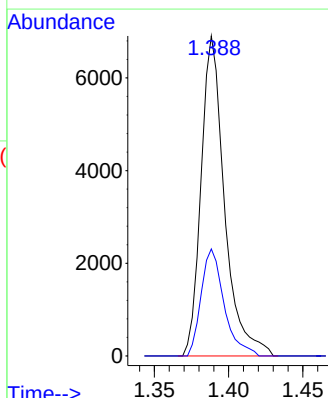
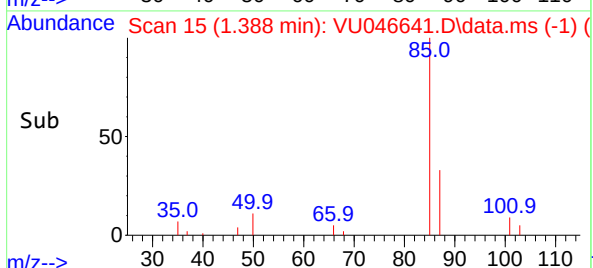
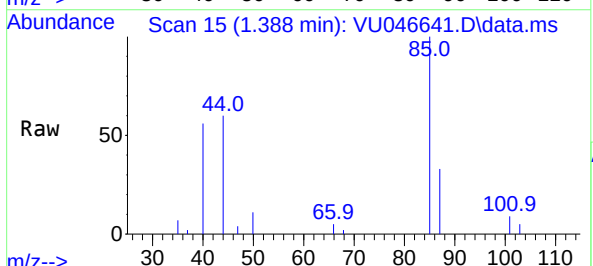
Ion	Ratio	Lower	Upper
96	100		
70	19.3	16.8	25.2
95	7.6	7.3	10.9
97	6.5	0.0	0.0



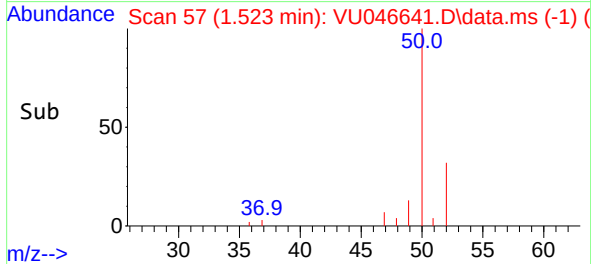
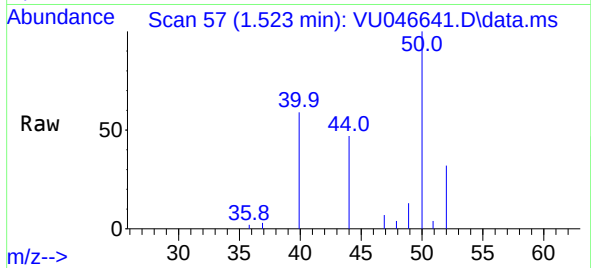
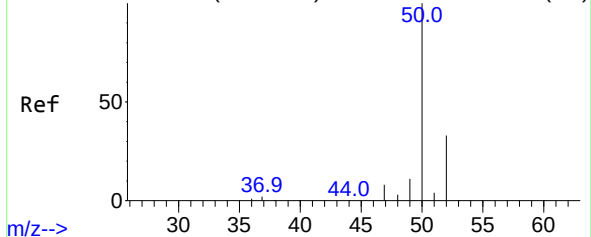
#2
Dichlorodifluoromethane
Concen: 1.068 ug/l
RT: 1.388 min Scan# 15
Delta R.T. 0.000 min
Lab File: VU046641.D
Acq: 30 Dec 2021 09:21

Tgt Ion: 85 Resp: 7581

Ion	Ratio	Lower	Upper
85	100		
87	33.4	16.2	48.6



Abundance Scan 57 (1.523 min): VU046644.D\data.ms (-48)



#3

Chloromethane

Concen: 0.930 ug/l

RT: 1.523 min Scan# 51

Delta R.T. 0.000 min

Lab File: VU046641.D

Acq: 30 Dec 2021 09:21

Instrument :

MSVOA_U

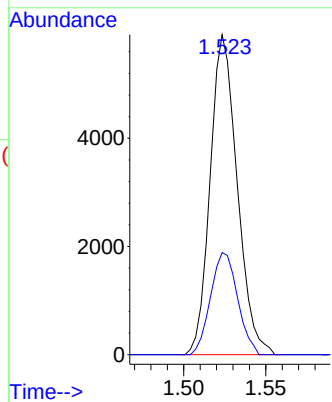
ClientSampleId :

Tgt Ion: 50 Resp: 6765

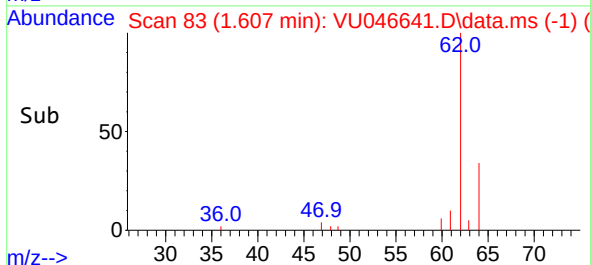
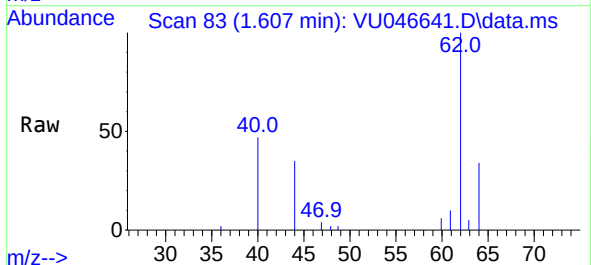
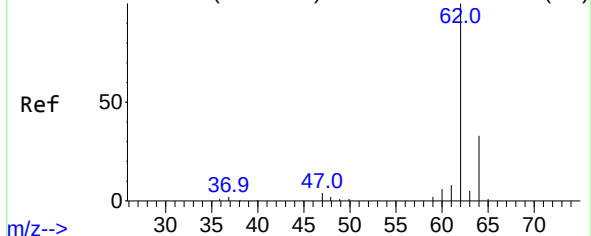
Ion Ratio Lower Upper

50 100

52 31.9 26.2 39.4



Abundance Scan 83 (1.607 min): VU046644.D\data.ms (-74)



#4

Vinyl Chloride

Concen: 0.956 ug/l

RT: 1.607 min Scan# 83

Delta R.T. 0.000 min

Lab File: VU046641.D

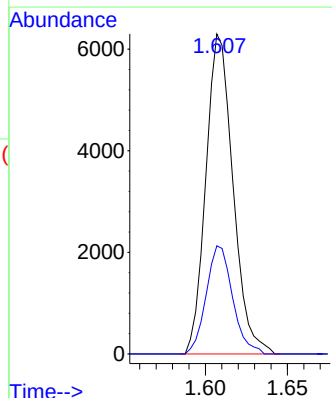
Acq: 30 Dec 2021 09:21

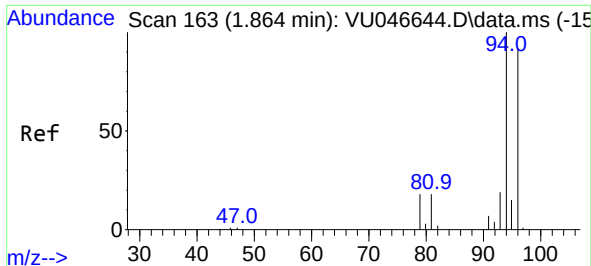
Tgt Ion: 62 Resp: 7230

Ion Ratio Lower Upper

62 100

64 33.8 26.0 39.0

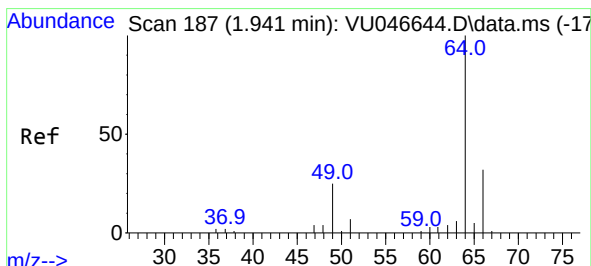
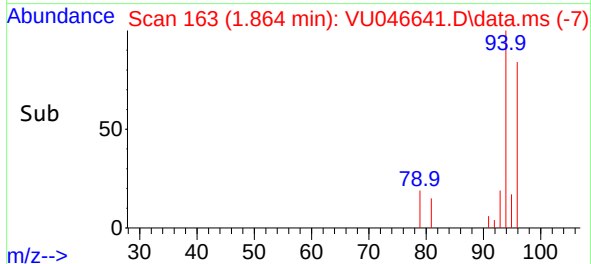
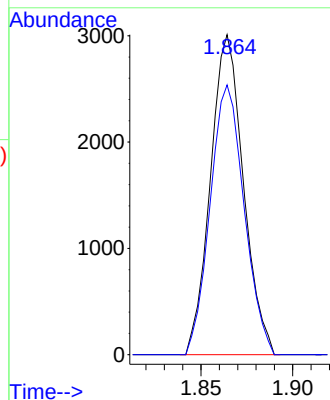
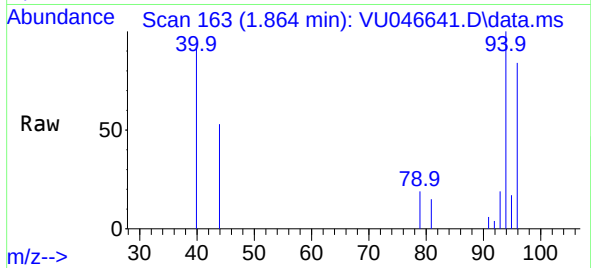




#5
Bromomethane
Concen: 0.905 ug/l
RT: 1.864 min Scan# 163
Delta R.T. 0.000 min
Lab File: VU046641.D
Acq: 30 Dec 2021 09:21

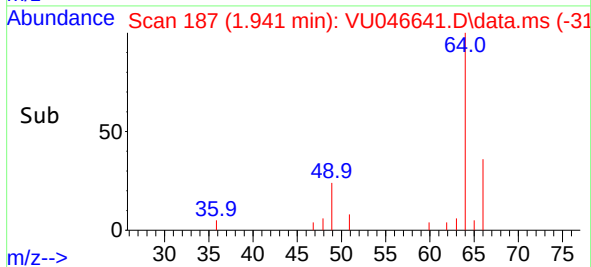
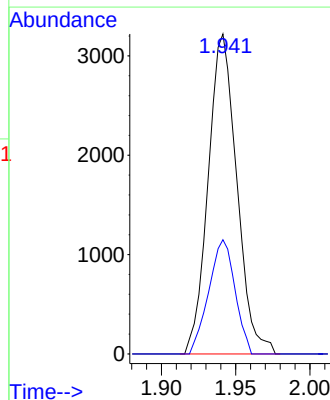
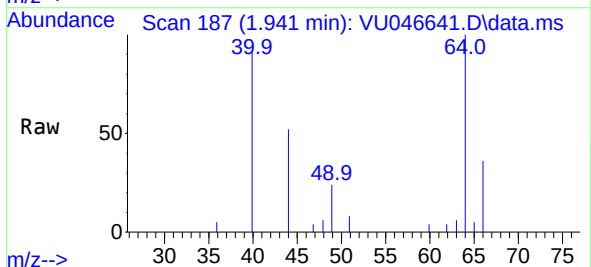
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MSVOA_U
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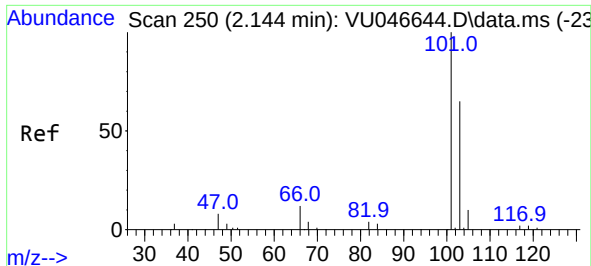
Tgt Ion: 94 Resp: 3752
Ion Ratio Lower Upper
94 100
96 84.3 75.0 112.4



#6
Chloroethane
Concen: 0.889 ug/l
RT: 1.941 min Scan# 187
Delta R.T. 0.000 min
Lab File: VU046641.D
Acq: 30 Dec 2021 09:21

Tgt Ion: 64 Resp: 4318
Ion Ratio Lower Upper
64 100
66 35.7 25.8 38.8

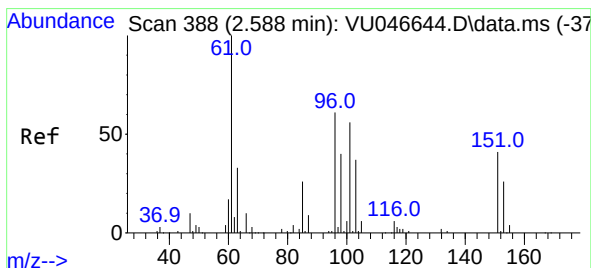
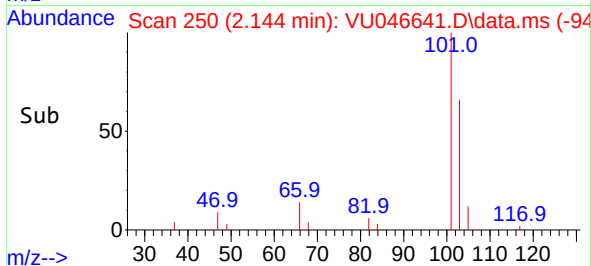
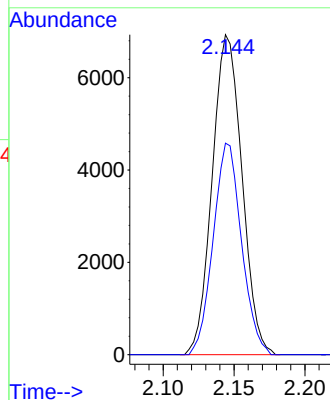
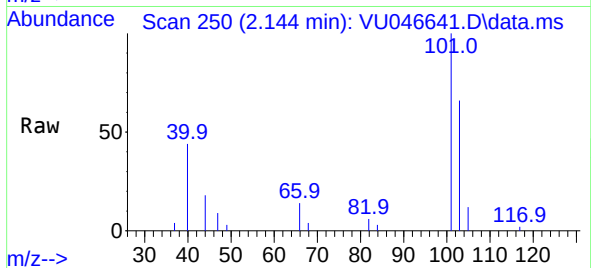




#7
 Trichlorofluoromethane
 Concen: 1.121 ug/l
 RT: 2.144 min Scan# 210
 Delta R.T. 0.000 min
 Lab File: VU046641.D
 Acq: 30 Dec 2021 09:21

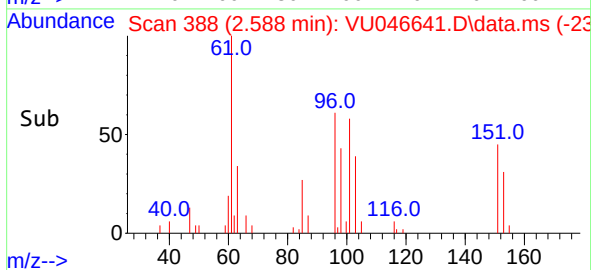
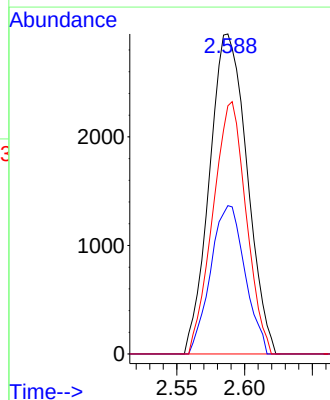
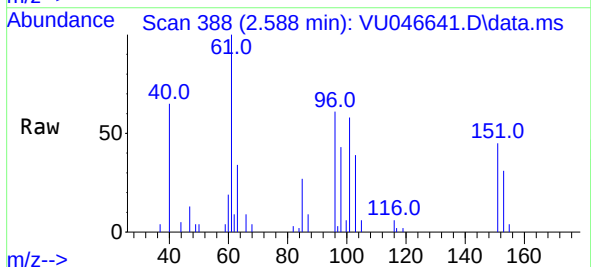
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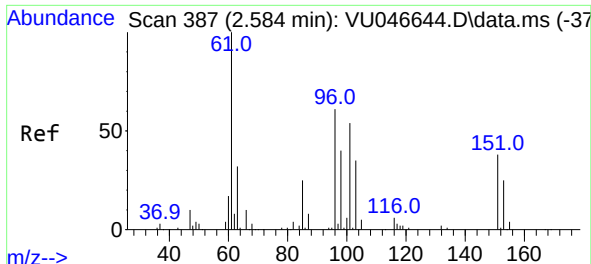
Tgt Ion:101 Resp: 10126
 Ion Ratio Lower Upper
 101 100
 103 66.1 52.2 78.2



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.101 ug/l
 RT: 2.588 min Scan# 388
 Delta R.T. 0.000 min
 Lab File: VU046641.D
 Acq: 30 Dec 2021 09:21

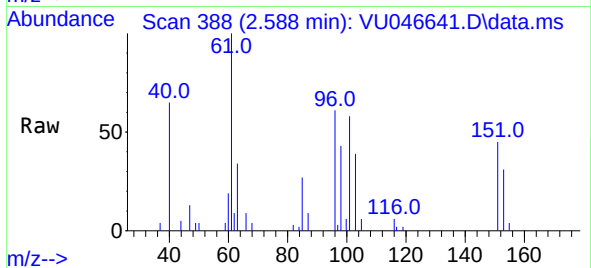
Tgt Ion:101 Resp: 5695
 Ion Ratio Lower Upper
 101 100
 85 42.2 35.8 53.6
 151 69.9 54.6 81.8



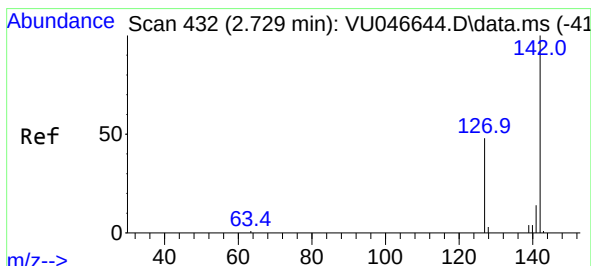
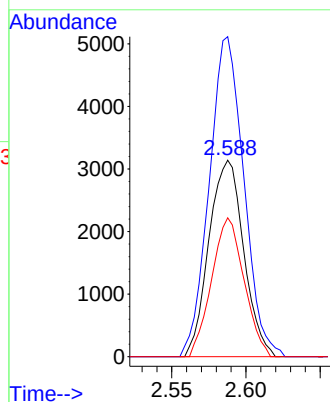
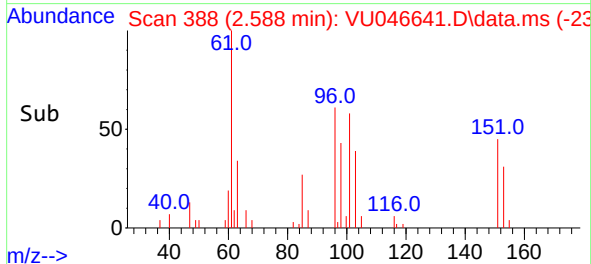


#9
1,1-Dichloroethene
Concen: 1.051 ug/l
RT: 2.588 min Scan# 387
Delta R.T. 0.003 min
Lab File: VU046641.D
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Instrument :
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ClientSampleId :

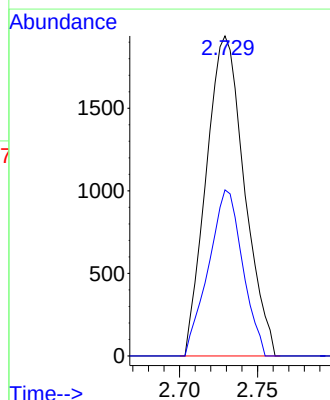
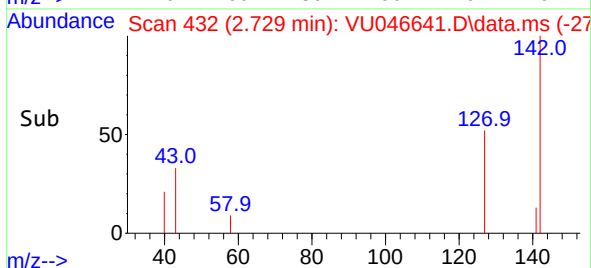
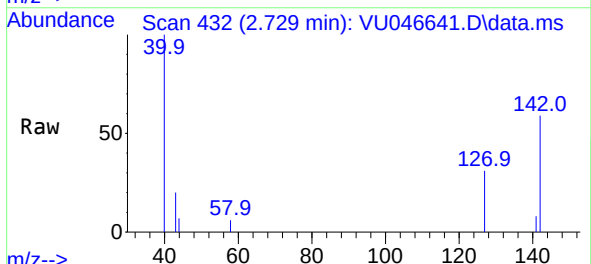


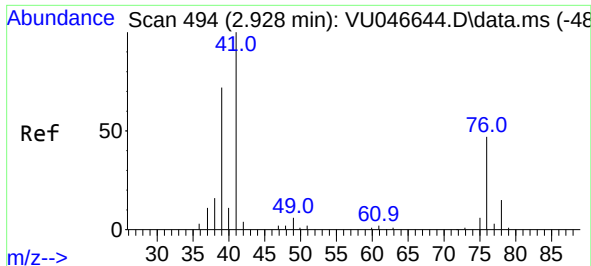
Tgt Ion: 96 Resp: 5108
Ion Ratio Lower Upper
96 100
61 162.9 0.0 514.2
98 70.7 0.0 126.4



#10
Iodomethane
Concen: 0.660 ug/l
RT: 2.729 min Scan# 432
Delta R.T. 0.000 min
Lab File: VU046641.D
Acq: 30 Dec 2021 09:21

Tgt Ion: 142 Resp: 3289
Ion Ratio Lower Upper
142 100
127 46.3 33.2 49.8





#11

Allyl Chloride

Concen: 0.897 ug/l

RT: 2.932 min Scan# 494

Delta R.T. 0.003 min

Lab File: VU046641.D

Acq: 30 Dec 2021 09:21

Instrument :

MSVOA_U

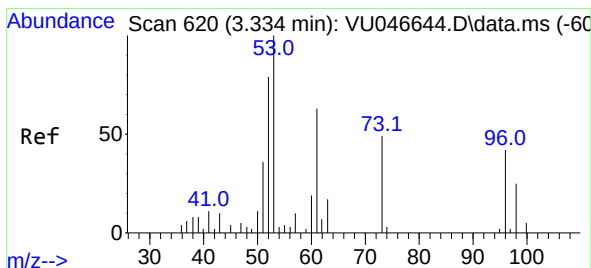
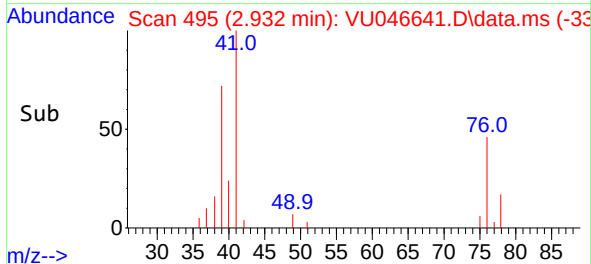
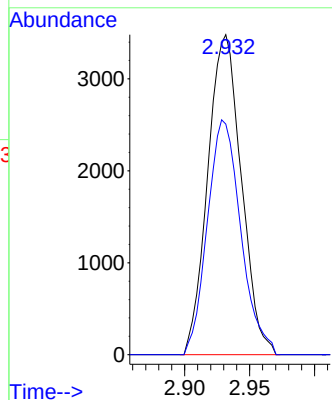
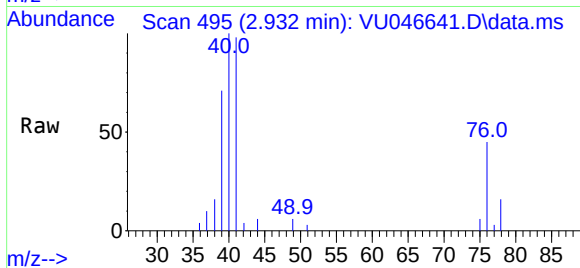
ClientSampleId :

Tgt Ion: 41 Resp: 6252

Ion Ratio Lower Upper

41 100

39 73.1 62.4 93.6



#12

Acrylonitrile

Concen: 0.855 ug/l

RT: 3.337 min Scan# 621

Delta R.T. 0.003 min

Lab File: VU046641.D

Acq: 30 Dec 2021 09:21

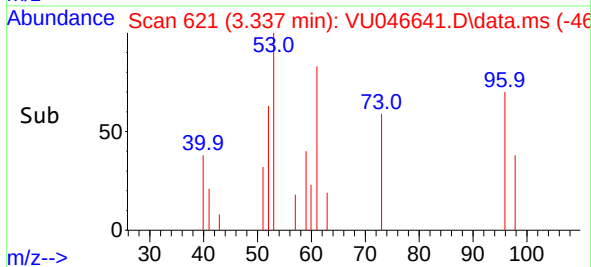
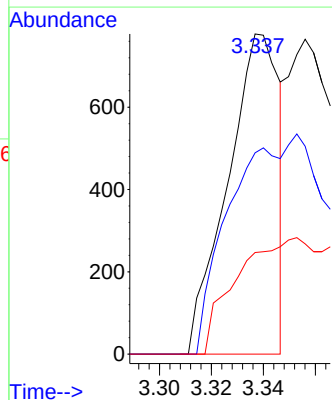
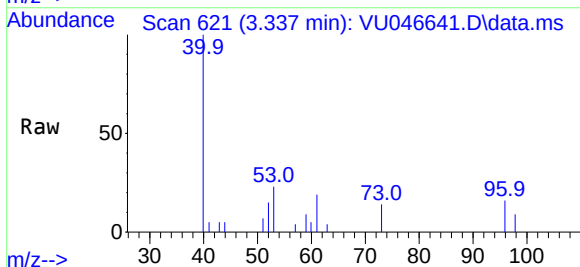
Tgt Ion: 53 Resp: 1069

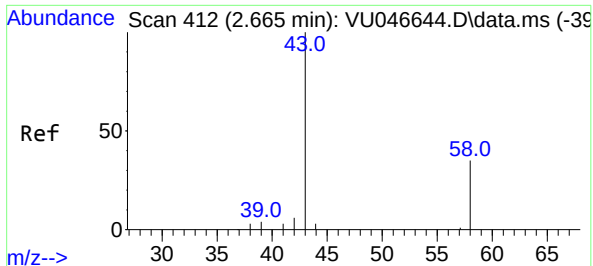
Ion Ratio Lower Upper

53 100

52 69.8 56.7 85.1

51 57.2 30.3 45.5#





#13

Acetone

Concen: 3.237 ug/l

RT: 2.668 min Scan# 41

Delta R.T. 0.003 min

Lab File: VU046641.D

Acq: 30 Dec 2021 09:21

Instrument :

MSVOA_U

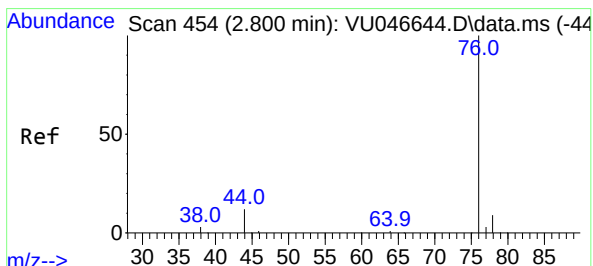
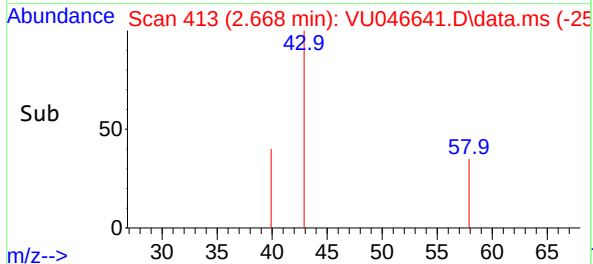
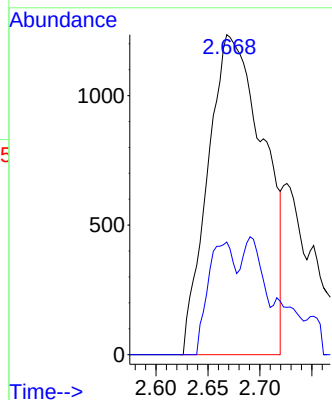
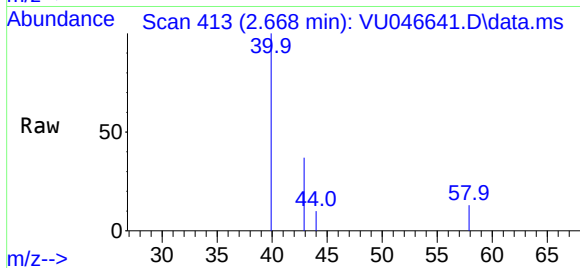
ClientSampleId :

Tgt Ion: 43 Resp: 4596

Ion Ratio Lower Upper

43 100

58 35.2 27.1 40.7



#14

Carbon Disulfide

Concen: 1.135 ug/l

RT: 2.800 min Scan# 454

Delta R.T. 0.000 min

Lab File: VU046641.D

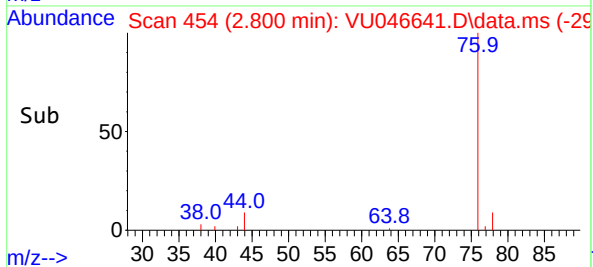
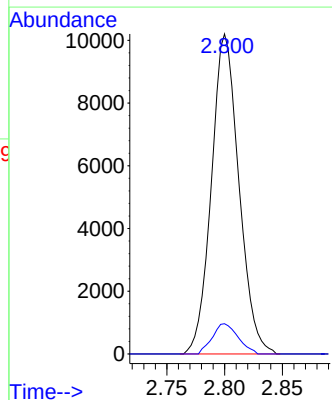
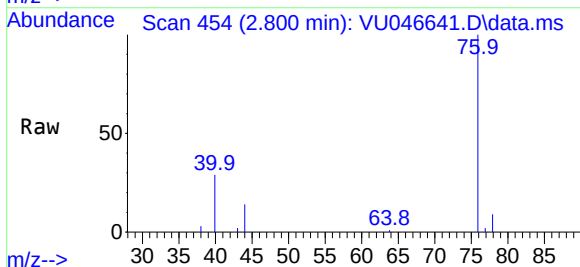
Acq: 30 Dec 2021 09:21

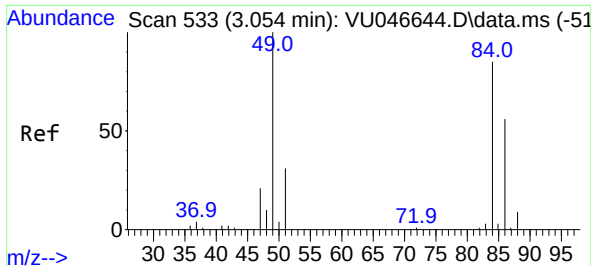
Tgt Ion: 76 Resp: 16915

Ion Ratio Lower Upper

76 100

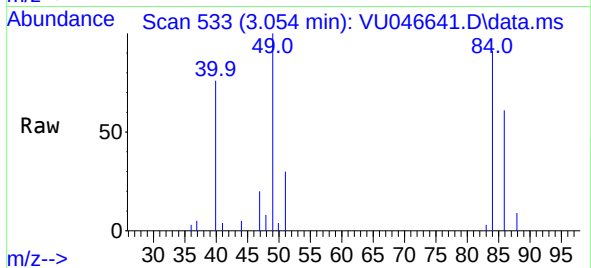
78 9.5 7.1 10.7





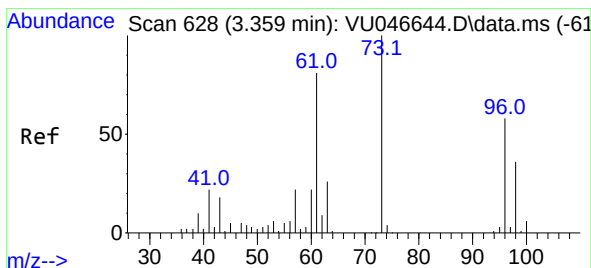
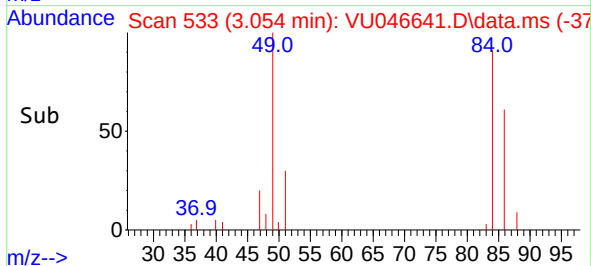
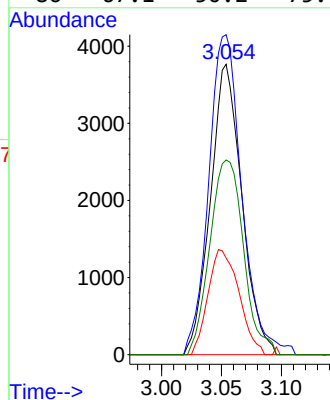
#15
Methylene Chloride
Concen: 1.168 ug/l
RT: 3.054 min Scan# 511
Delta R.T. 0.000 min
Lab File: VU046641.D
Acq: 30 Dec 2021 09:21

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 84 Resp: 6860

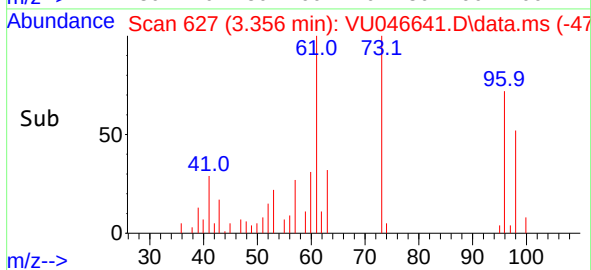
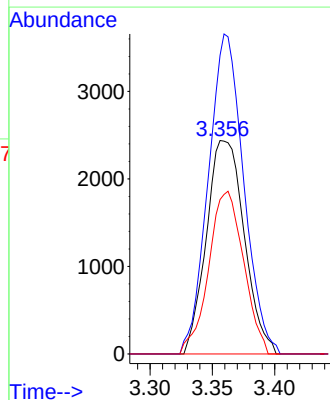
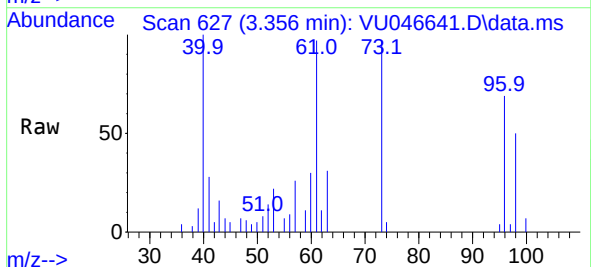
Ion	Ratio	Lower	Upper
84	100		
49	110.2	97.2	145.8
51	33.2	0.0	73.4
86	67.1	50.2	75.4

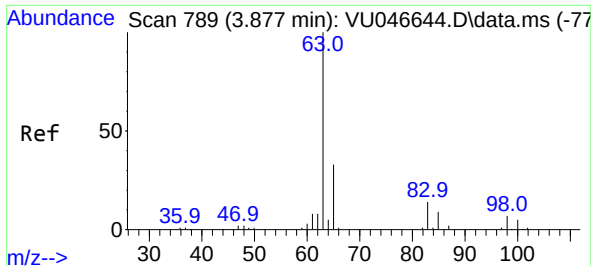


#16
trans-1,2-Dichloroethene
Concen: 0.987 ug/l
RT: 3.356 min Scan# 627
Delta R.T. -0.003 min
Lab File: VU046641.D
Acq: 30 Dec 2021 09:21

Tgt Ion: 96 Resp: 5159

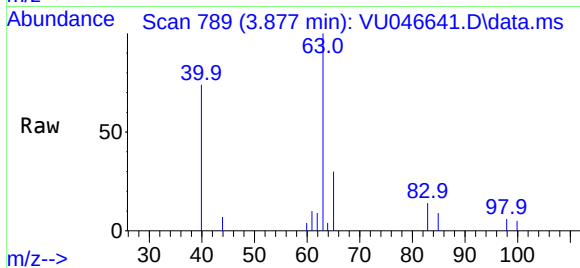
Ion	Ratio	Lower	Upper
96	100		
61	139.8	115.8	173.6
98	72.3	51.1	76.7



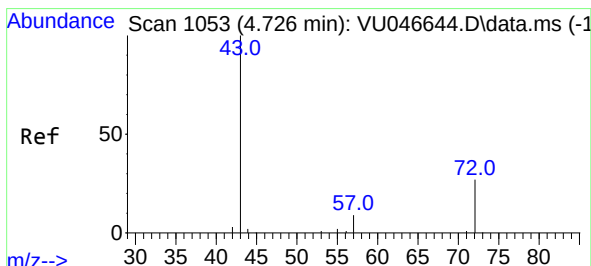
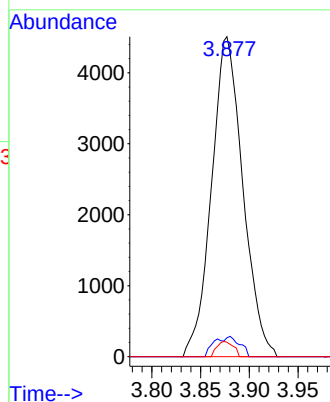
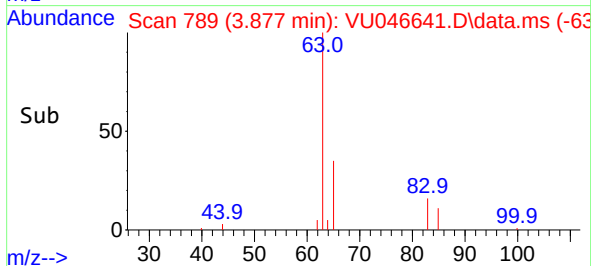


#17
1,1-Dichloroethane
Concen: 1.033 ug/l
RT: 3.877 min Scan# 789
Delta R.T. 0.000 min
Lab File: VU046641.D
Acq: 30 Dec 2021 09:21

Instrument :
MSVOA_U
ClientSampleId :

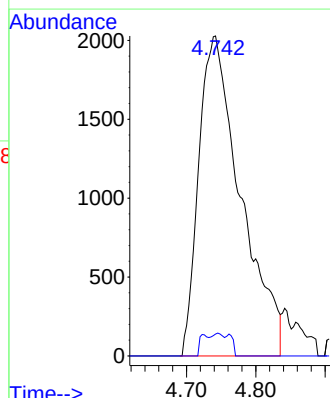
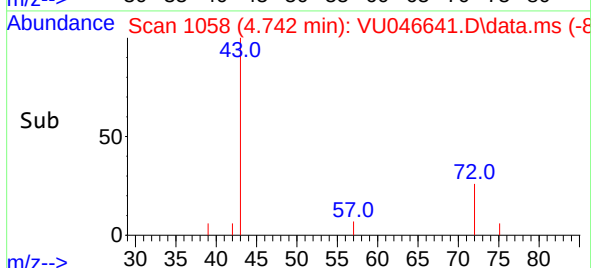
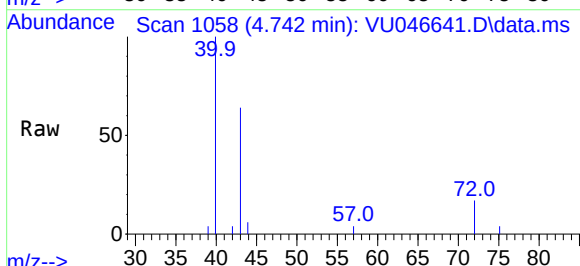


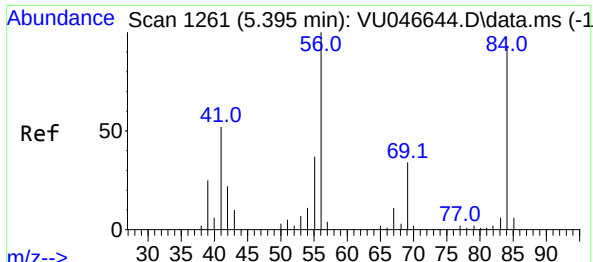
Tgt Ion: 63 Resp: 10066
Ion Ratio Lower Upper
63 100
98 5.9 3.6 10.8
100 4.5 2.1 6.5



#18
2-Butanone
Concen: 4.600 ug/l
RT: 4.742 min Scan# 1058
Delta R.T. 0.016 min
Lab File: VU046641.D
Acq: 30 Dec 2021 09:21

Tgt Ion: 43 Resp: 8518
Ion Ratio Lower Upper
43 100
57 6.9 0.0 16.6





#19

Cyclohexane

Concen: 0.716 ug/l

RT: 5.395 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU046641.D

Acq: 30 Dec 2021 09:21

Instrument :

MSVOA_U

ClientSampleId :

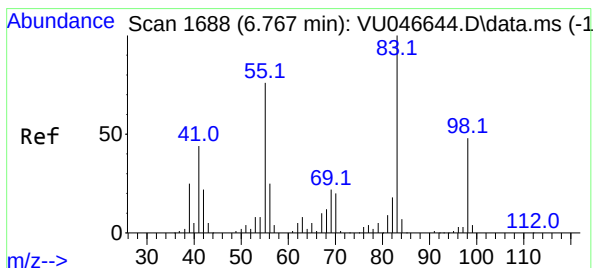
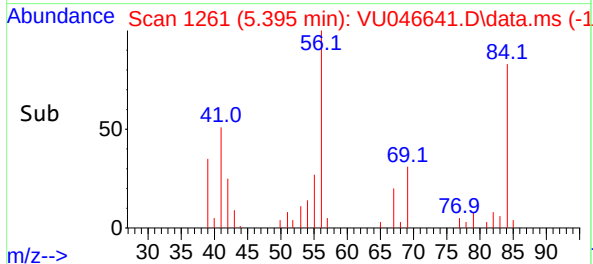
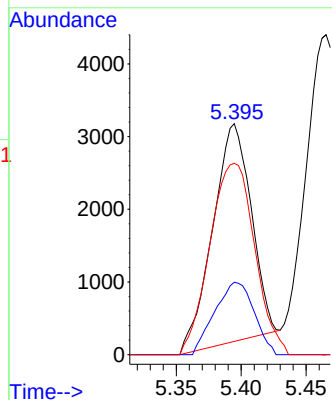
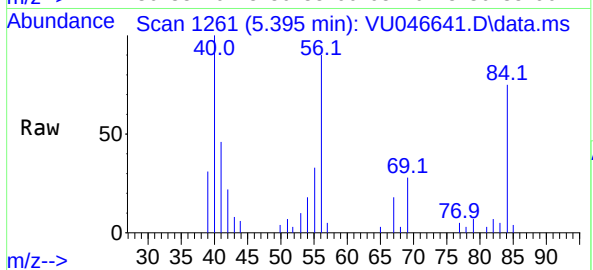
Tgt Ion: 56 Resp: 6203

Ion Ratio Lower Upper

56 100

69 33.9 24.7 37.1

84 102.0 68.8 103.2



#20

Methylcyclohexane

Concen: 0.774 ug/l

RT: 6.768 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VU046641.D

Acq: 30 Dec 2021 09:21

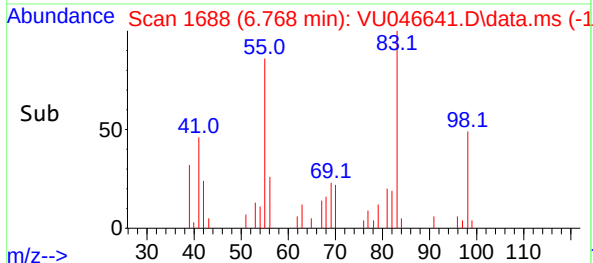
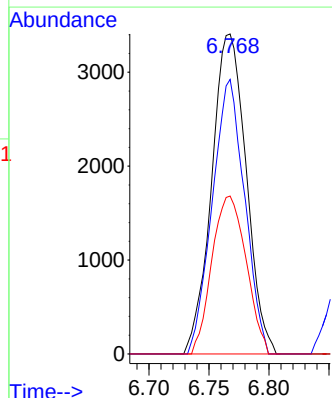
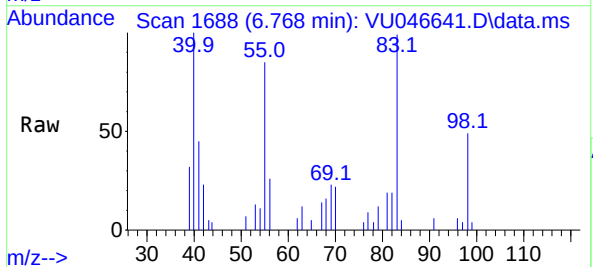
Tgt Ion: 83 Resp: 6829

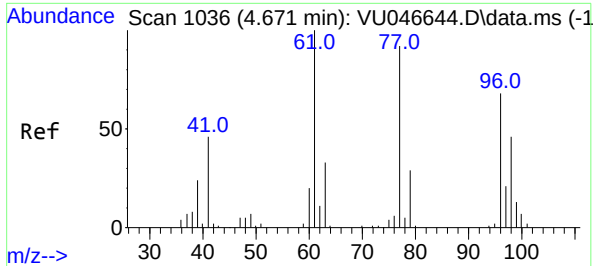
Ion Ratio Lower Upper

83 100

55 80.3 61.9 92.9

98 48.8 37.4 56.2

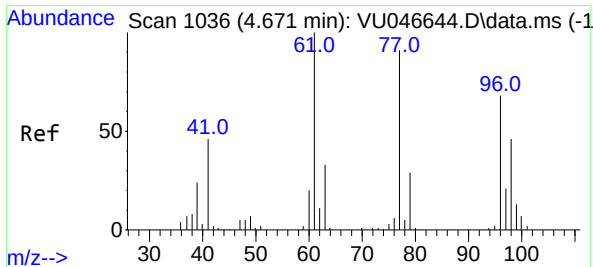
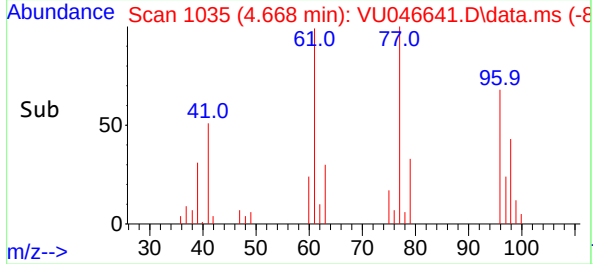
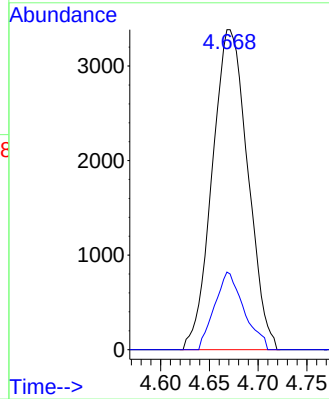
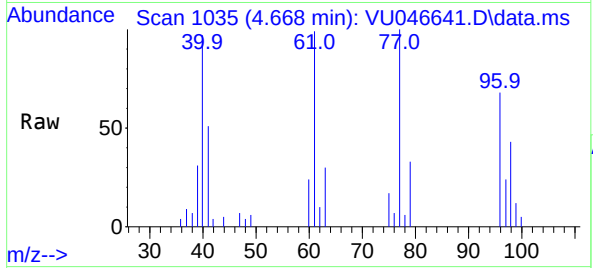




#21
2,2-Dichloropropane
Concen: 1.033 ug/l
RT: 4.668 min Scan# 1035
Delta R.T. -0.003 min
Lab File: VU046641.D
Acq: 30 Dec 2021 09:21

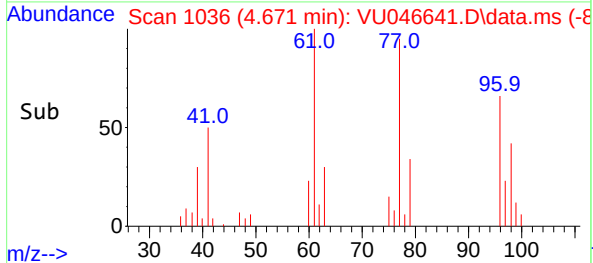
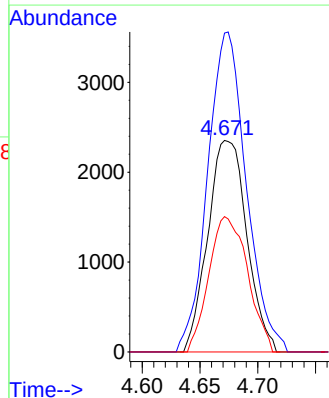
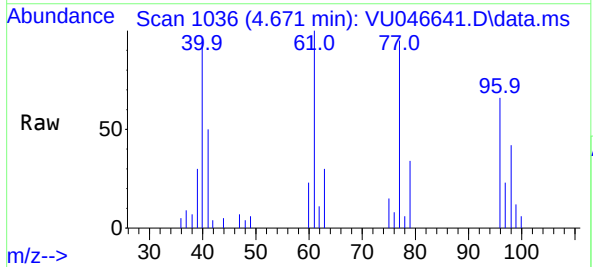
Instrument :
MSVOA_U
ClientSampleId :

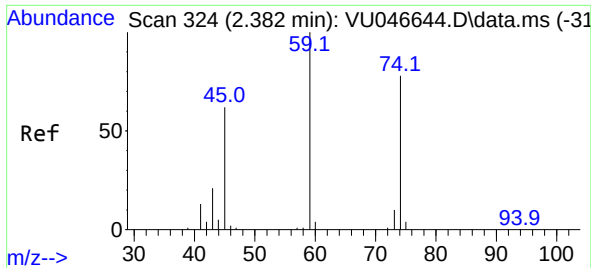
Tgt Ion: 77 Resp: 8581
Ion Ratio Lower Upper
77 100
97 20.0 17.2 25.8



#22
cis-1,2-Dichloroethene
Concen: 0.966 ug/l
RT: 4.671 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VU046641.D
Acq: 30 Dec 2021 09:21

Tgt Ion: 96 Resp: 5533
Ion Ratio Lower Upper
96 100
61 149.6 0.0 385.3
98 63.5 32.1 96.3



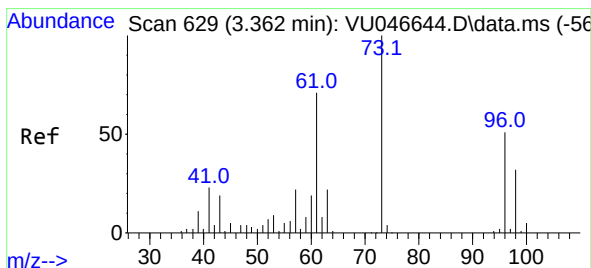
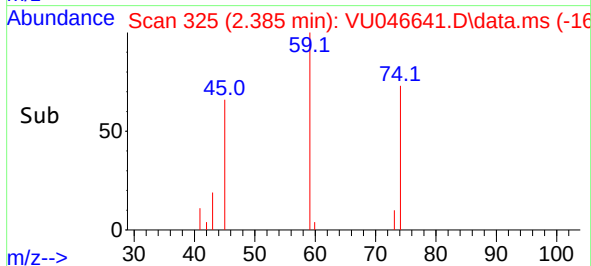
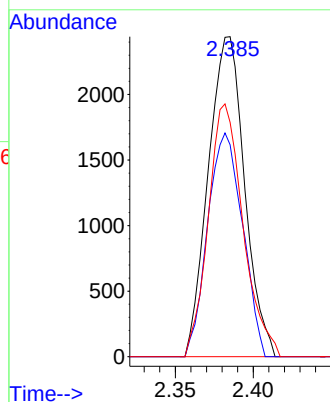
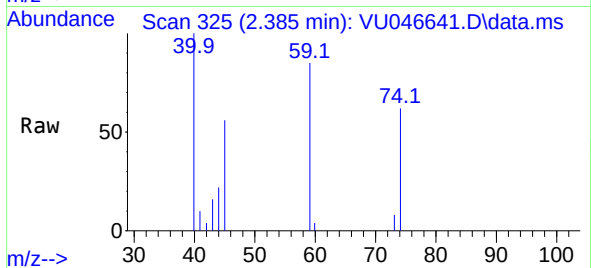


#23
Diethyl Ether
Concen: 0.889 ug/l
RT: 2.385 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU046641.D
Acq: 30 Dec 2021 09:21

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 59 Resp: 3953

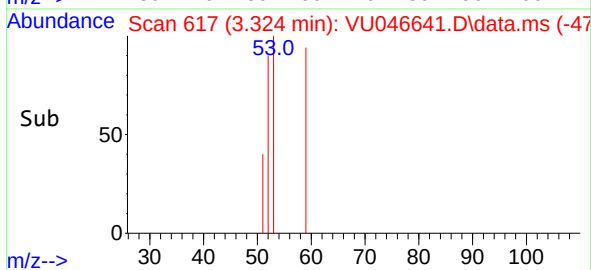
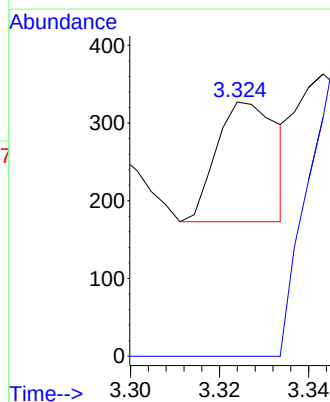
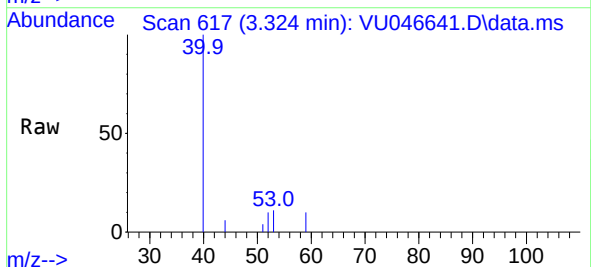
Ion	Ratio	Lower	Upper
59	100		
45	67.2	55.6	83.4
74	75.8	58.1	87.1

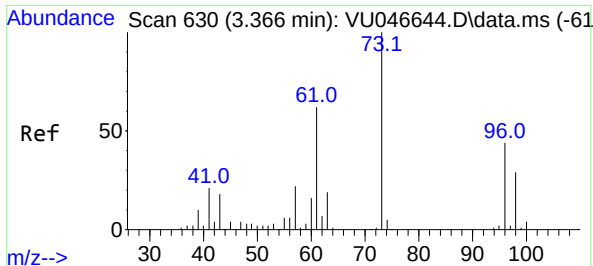


#24
tert-Butyl Alcohol
Concen: 0.385 ug/l
RT: 3.324 min Scan# 617
Delta R.T. -0.039 min
Lab File: VU046641.D
Acq: 30 Dec 2021 09:21

Tgt Ion: 59 Resp: 146

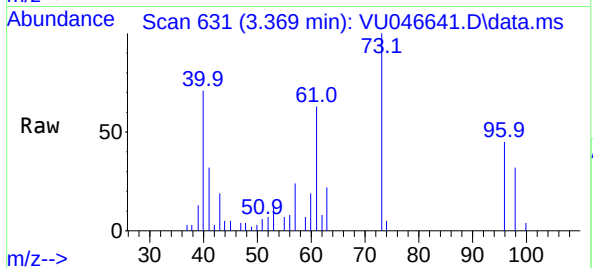
Ion	Ratio	Lower	Upper
59	100		
57	1840.4	6.5	9.7#



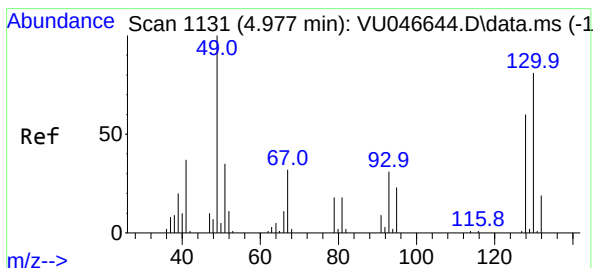
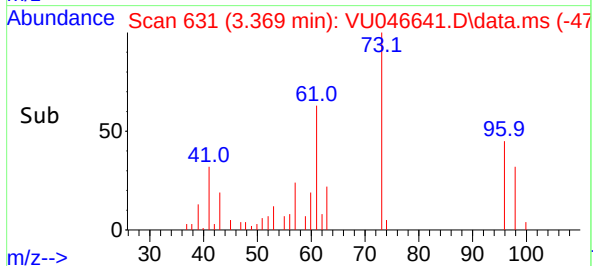
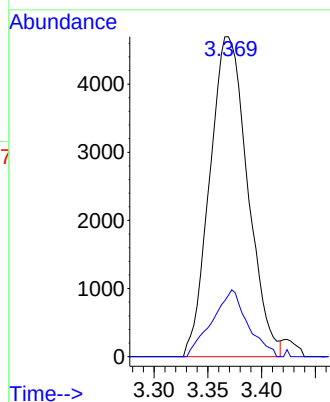


#25
Methyl tert-Butyl Ether
Concen: 0.857 ug/l
RT: 3.369 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU046641.D
Acq: 30 Dec 2021 09:21

Instrument :
MSVOA_U
ClientSampleId :

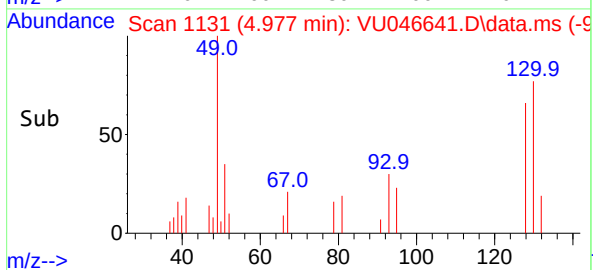
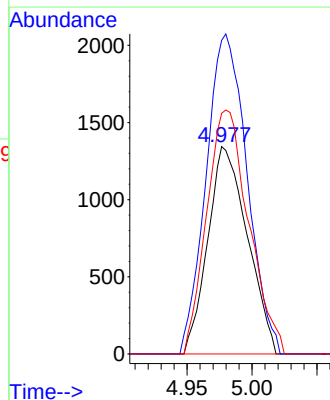
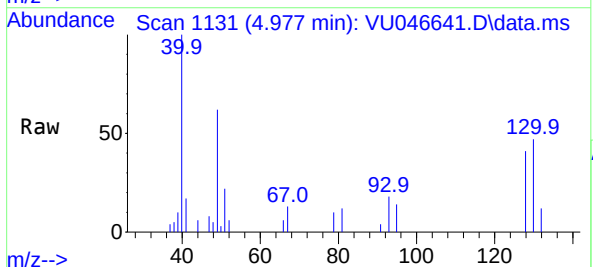


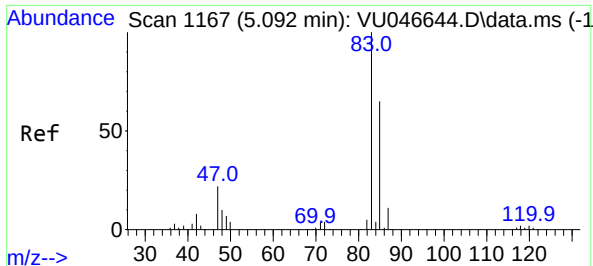
Tgt Ion: 73 Resp: 11509
Ion Ratio Lower Upper
73 100
43 19.5 16.3 24.5



#26
Bromochloromethane
Concen: 1.139 ug/l
RT: 4.977 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VU046641.D
Acq: 30 Dec 2021 09:21

Tgt Ion: 128 Resp: 2842
Ion Ratio Lower Upper
128 100
49 160.0 0.0 347.4
130 125.4 101.5 152.3





#27

Chloroform

Concen: 1.138 ug/l

RT: 5.096 min Scan# 1167

Delta R.T. 0.003 min

Lab File: VU046641.D

Acq: 30 Dec 2021 09:21

Instrument :

MSVOA_U

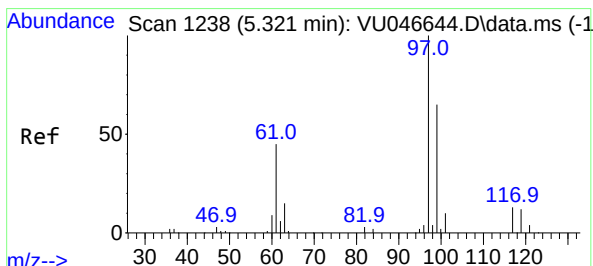
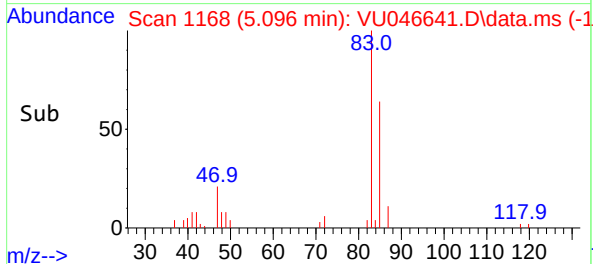
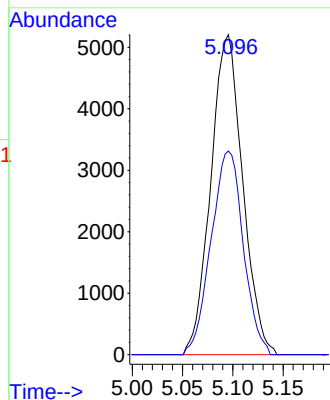
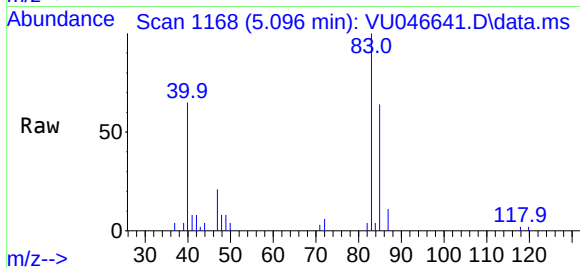
ClientSampleId :

Tgt Ion: 83 Resp: 11488

Ion Ratio Lower Upper

83 100

85 63.7 0.0 129.2



#28

1,1,1-Trichloroethane

Concen: 1.182 ug/l

RT: 5.321 min Scan# 1238

Delta R.T. 0.000 min

Lab File: VU046641.D

Acq: 30 Dec 2021 09:21

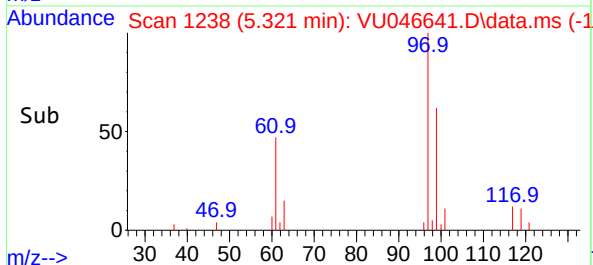
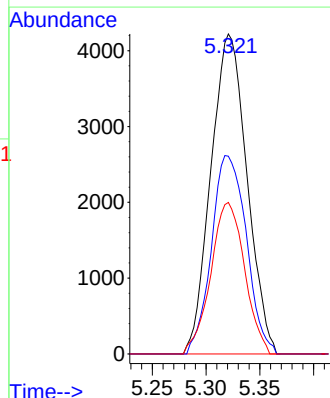
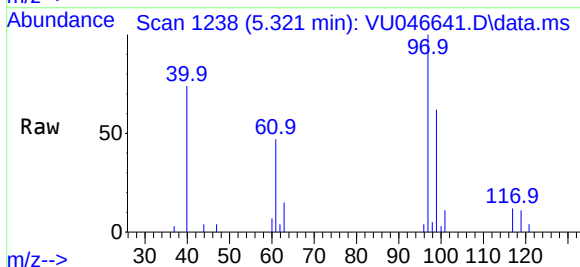
Tgt Ion: 97 Resp: 9852

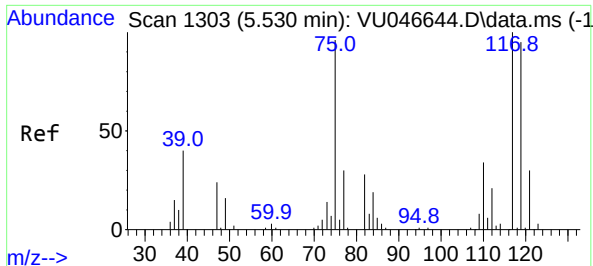
Ion Ratio Lower Upper

97 100

99 60.0 32.2 96.6

61 44.3 24.5 73.5



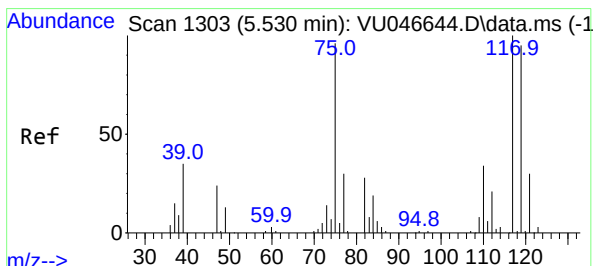
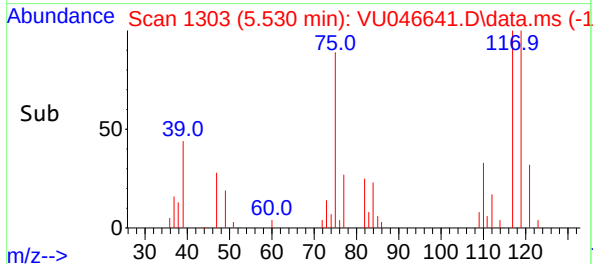
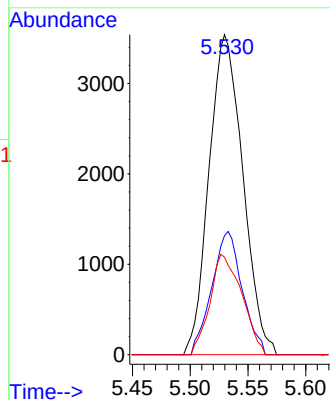
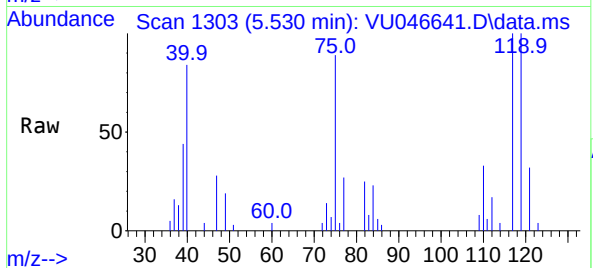


#29
1,1-Dichloropropene
Concen: 0.958 ug/l
RT: 5.530 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU046641.D
Acq: 30 Dec 2021 09:21

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 7203

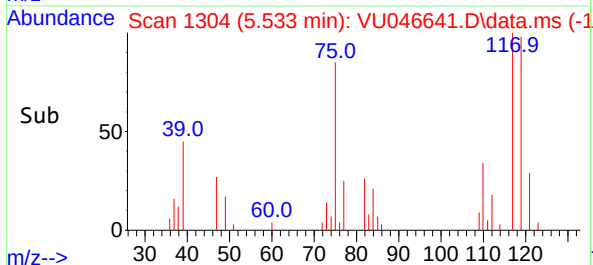
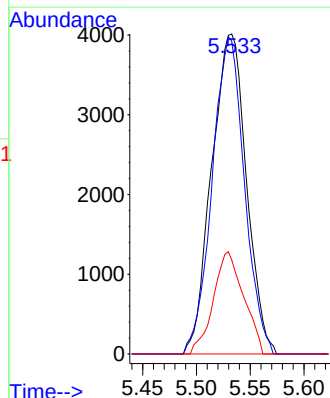
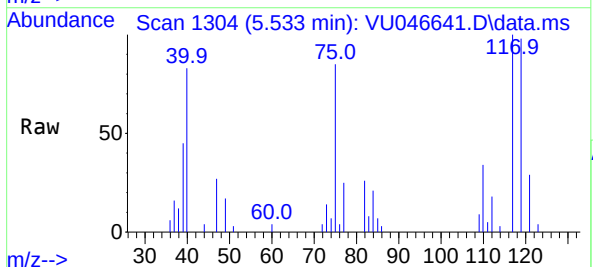
Ion	Ratio	Lower	Upper
75	100		
110	34.7	16.8	50.3
77	29.4	24.7	37.1

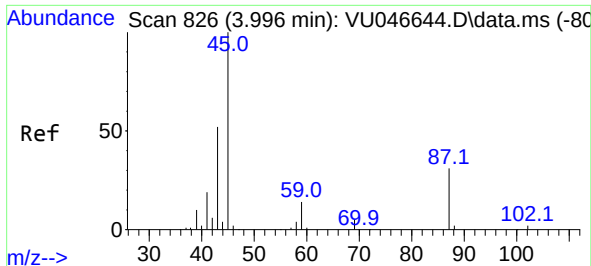


#30
Carbon Tetrachloride
Concen: 1.356 ug/l
RT: 5.533 min Scan# 1304
Delta R.T. 0.003 min
Lab File: VU046641.D
Acq: 30 Dec 2021 09:21

Tgt Ion: 117 Resp: 9022

Ion	Ratio	Lower	Upper
117	100		
119	97.7	76.8	115.2
121	29.4	24.6	37.0

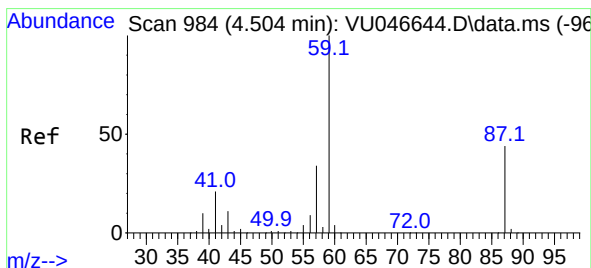
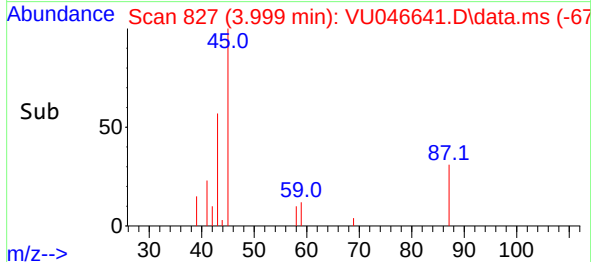
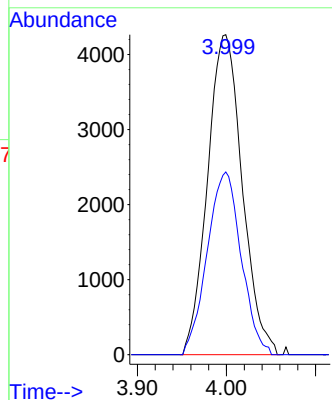
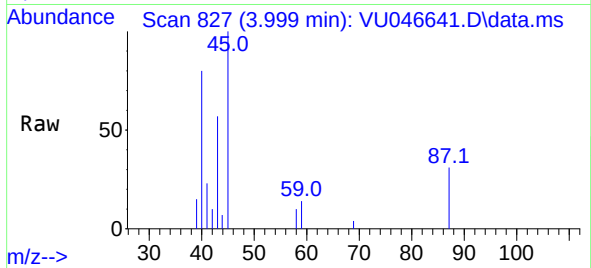




#31
Isopropyl Ether
Concen: 0.766 ug/l
RT: 3.999 min Scan# 81
Delta R.T. 0.003 min
Lab File: VU046641.D
Acq: 30 Dec 2021 09:21

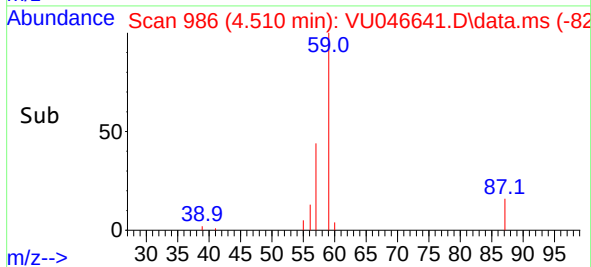
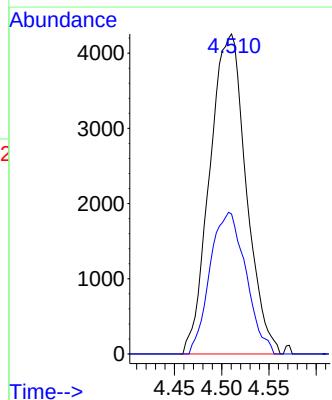
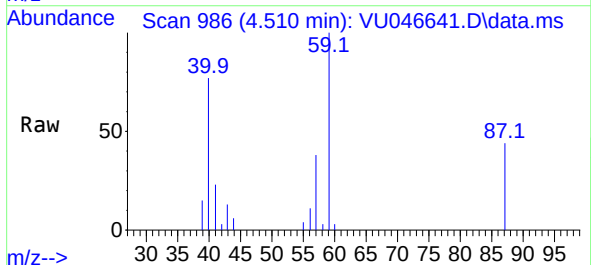
Instrument :
MSVOA_U
ClientSampleId :

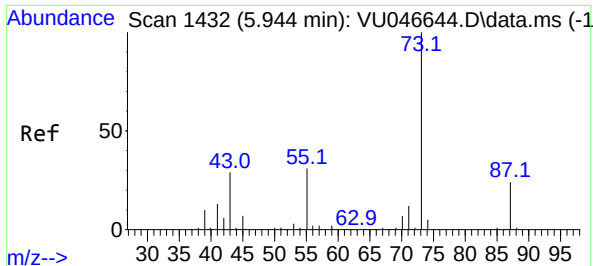
Tgt Ion: 45 Resp: 11538
Ion Ratio Lower Upper
45 100
43 55.8 25.3 75.8



#32
Ethyl-t-butyl ether
Concen: 0.754 ug/l
RT: 4.510 min Scan# 986
Delta R.T. 0.006 min
Lab File: VU046641.D
Acq: 30 Dec 2021 09:21

Tgt Ion: 59 Resp: 11388
Ion Ratio Lower Upper
59 100
87 43.6 32.7 49.1

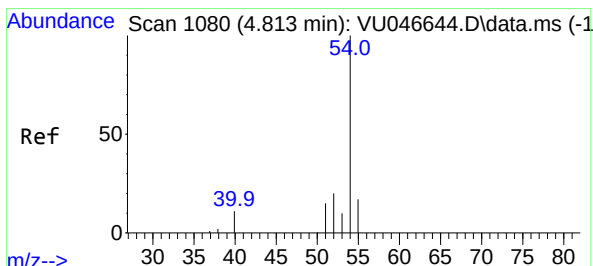
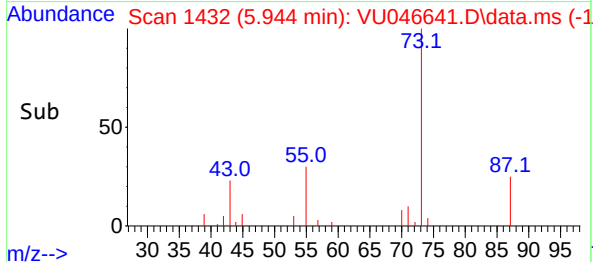
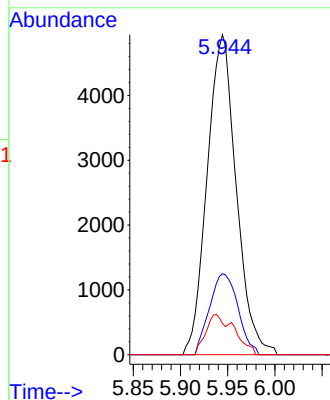
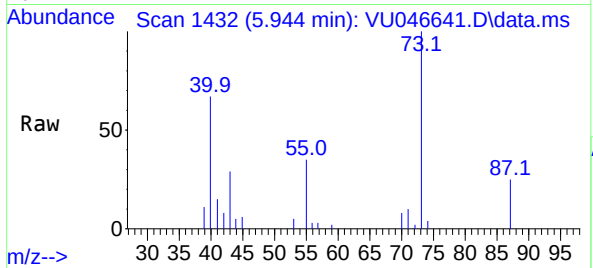




#33
Tert-Amyl methyl ether
Concen: 0.781 ug/l
RT: 5.944 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VU046641.D
Acq: 30 Dec 2021 09:21

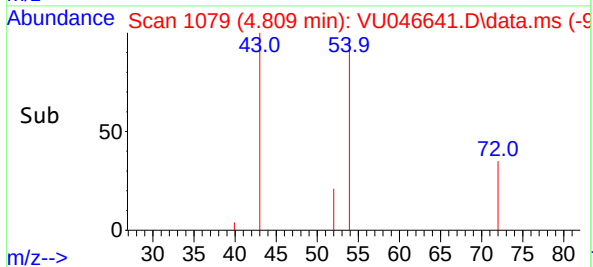
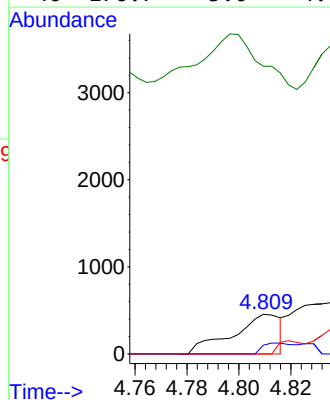
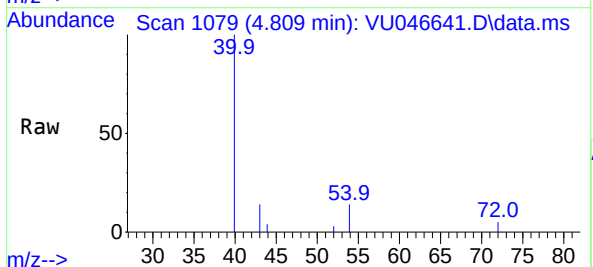
Instrument :
MSVOA_U
ClientSampleId :

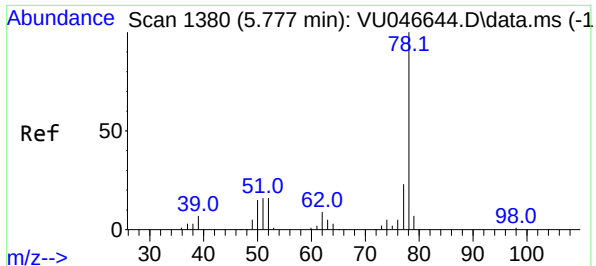
Tgt Ion: 73 Resp: 10574
Ion Ratio Lower Upper
73 100
87 24.8 18.6 28.0
71 7.8 9.0 13.6#



#34
Propionitrile
Concen: 1.247 ug/l
RT: 4.809 min Scan# 1079
Delta R.T. -0.003 min
Lab File: VU046641.D
Acq: 30 Dec 2021 09:21

Tgt Ion: 54 Resp: 588
Ion Ratio Lower Upper
54 100
52 26.2 11.9 17.9#
55 17.5 8.0 12.0#
40 176.7 3.0 4.4#

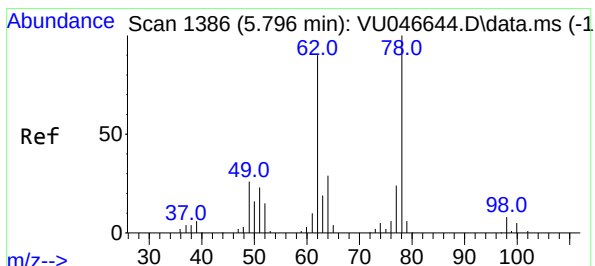
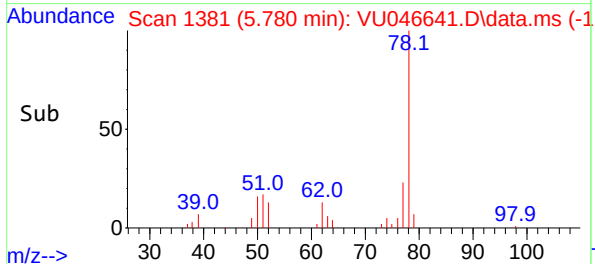
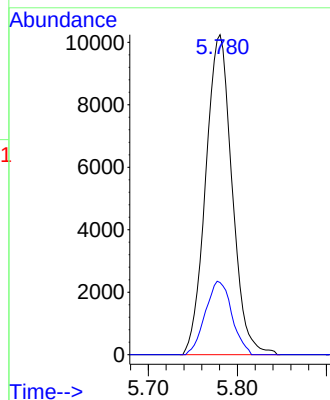
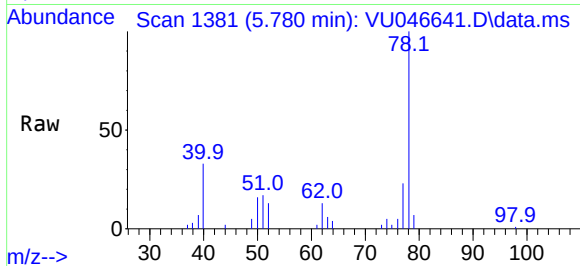




#35
Benzene
Concen: 0.972 ug/l
RT: 5.780 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU046641.D
Acq: 30 Dec 2021 09:21

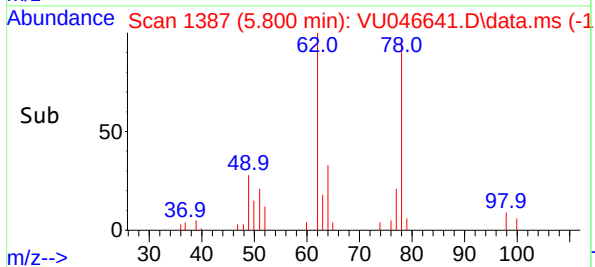
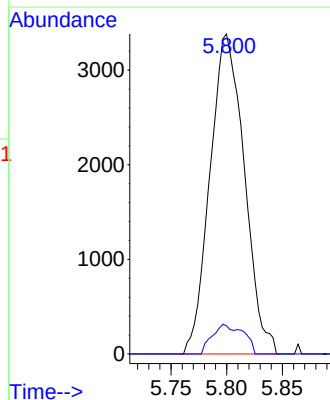
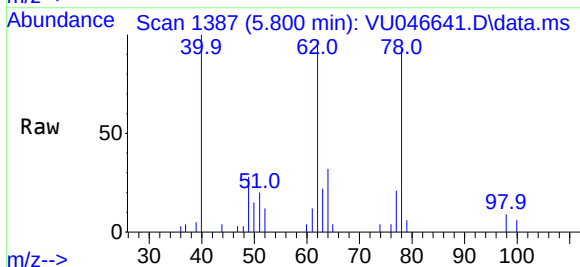
Instrument :
MSVOA_U
ClientSampleId :

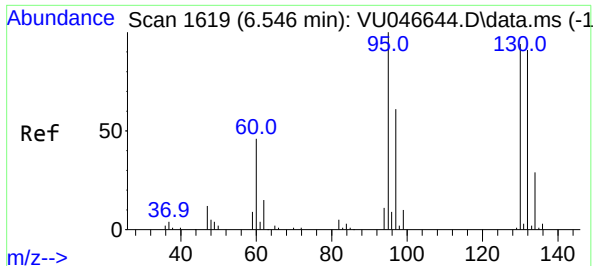
Tgt Ion: 78 Resp: 21059
Ion Ratio Lower Upper
78 100
77 22.5 19.1 28.7



#36
1,2-Dichloroethane
Concen: 1.038 ug/l
RT: 5.800 min Scan# 1387
Delta R.T. 0.003 min
Lab File: VU046641.D
Acq: 30 Dec 2021 09:21

Tgt Ion: 62 Resp: 7255
Ion Ratio Lower Upper
62 100
98 8.4 7.3 10.9

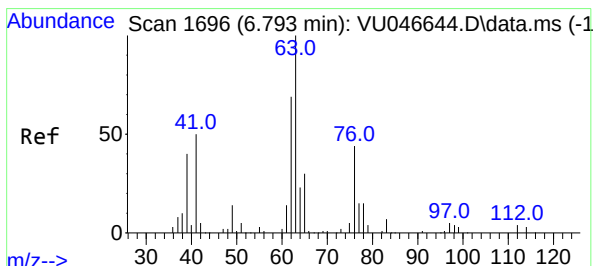
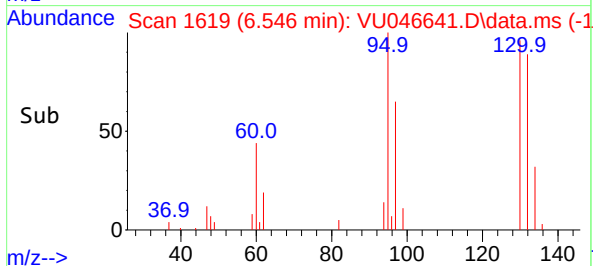
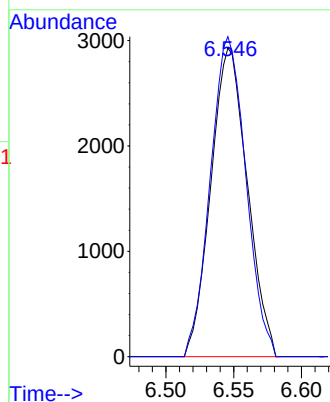
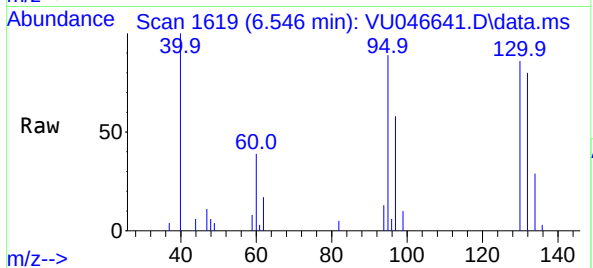




#37
Trichloroethene
Concen: 1.038 ug/l
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU046641.D
Acq: 30 Dec 2021 09:21

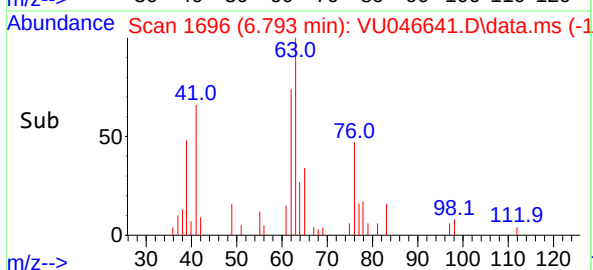
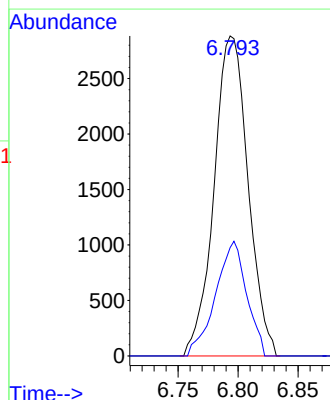
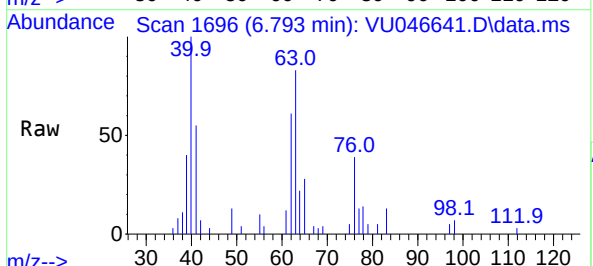
Instrument :
MSVOA_U
ClientSampleId :

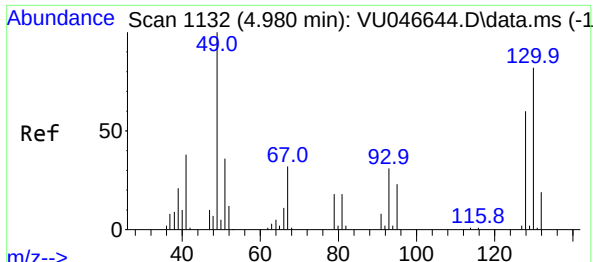
Tgt Ion:130 Resp: 5475
Ion Ratio Lower Upper
130 100
95 103.7 83.8 125.8



#38
1,2-Dichloropropane
Concen: 1.012 ug/l
RT: 6.793 min Scan# 1696
Delta R.T. 0.000 min
Lab File: VU046641.D
Acq: 30 Dec 2021 09:21

Tgt Ion: 63 Resp: 5691
Ion Ratio Lower Upper
63 100
65 33.8 24.7 37.1

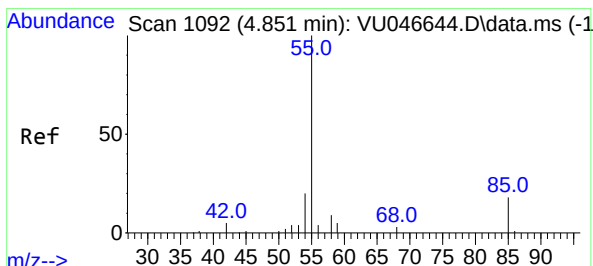
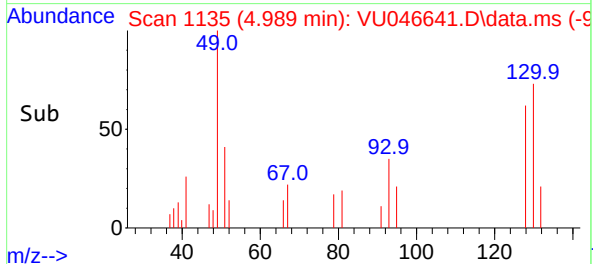
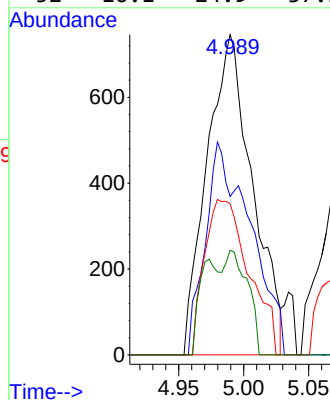
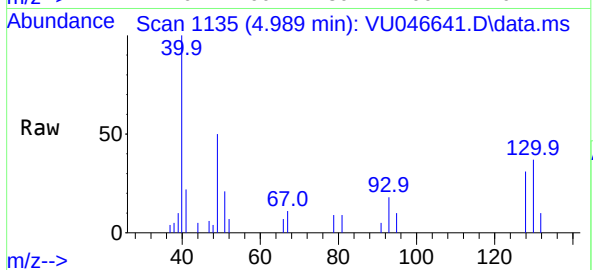




#39
Methacrylonitrile
Concen: 0.976 ug/l
RT: 4.989 min Scan# 1135
Delta R.T. 0.010 min
Lab File: VU046641.D
Acq: 30 Dec 2021 09:21

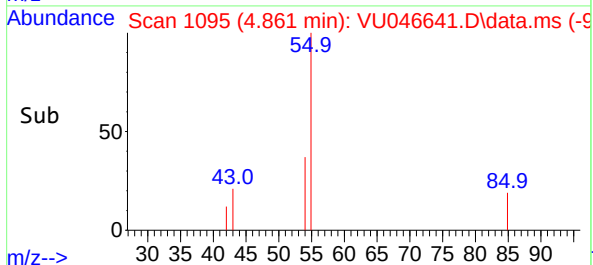
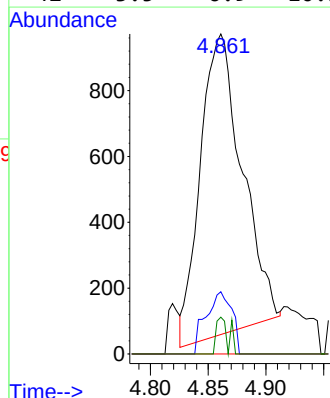
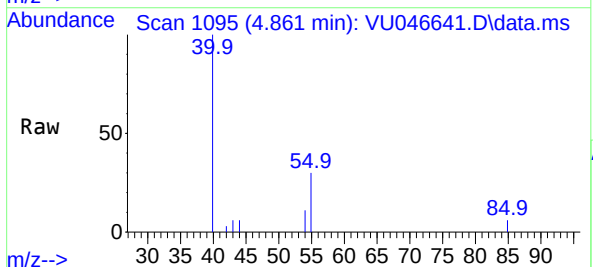
Instrument :
MSVOA_U
ClientSampleId :

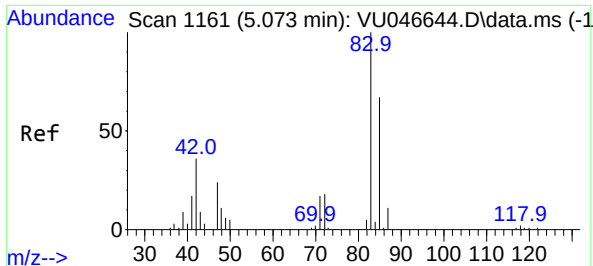
Tgt Ion:	41	Resp:	1815
Ion	Ratio	Lower	Upper
41	100		
67	0.0	65.2	97.8#
39	0.0	43.0	64.6#
52	16.1	24.9	37.3#



#40
Methyl acrylate
Concen: 0.734 ug/l
RT: 4.861 min Scan# 1095
Delta R.T. 0.010 min
Lab File: VU046641.D
Acq: 30 Dec 2021 09:21

Tgt Ion:	55	Resp:	2301
Ion	Ratio	Lower	Upper
55	100		
85	12.8	12.2	18.2
58	0.0	6.7	10.1#
42	3.5	6.9	10.3#





#41

Tetrahydrofuran

Concen: 1.508 ug/l

RT: 5.083 min Scan# 1161

Delta R.T. 0.010 min

Lab File: VU046641.D

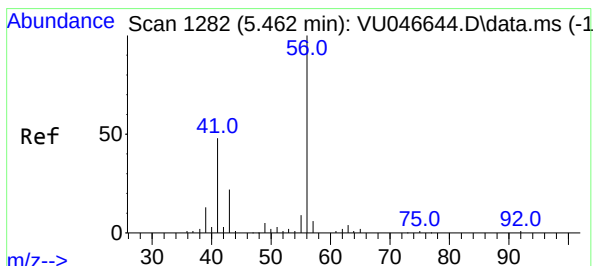
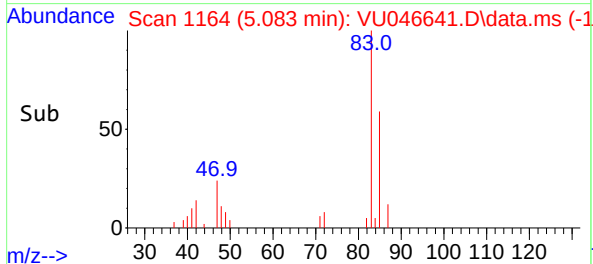
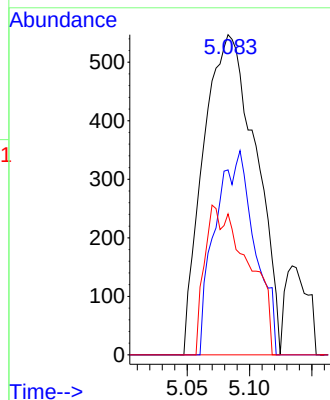
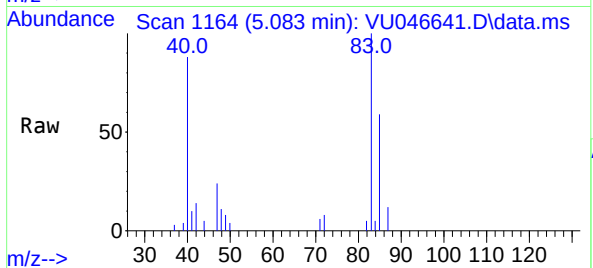
Acq: 30 Dec 2021 09:21

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	42	Resp:	1601
Ion	Ratio	Lower	Upper
42	100		
72	48.3	42.4	63.6
71	38.8	36.4	54.6



#42

1-Chlorobutane

Concen: 0.843 ug/l

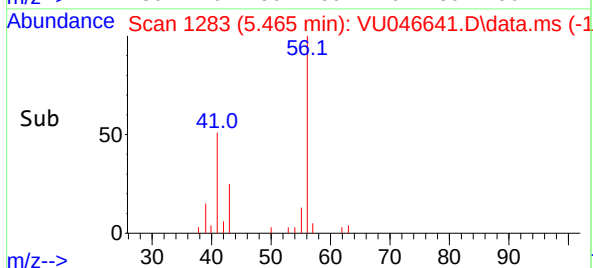
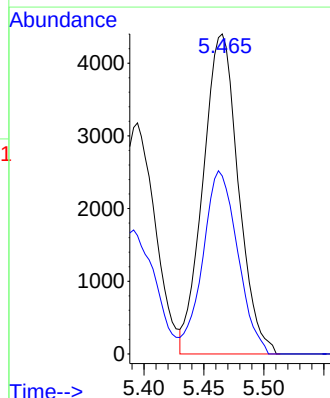
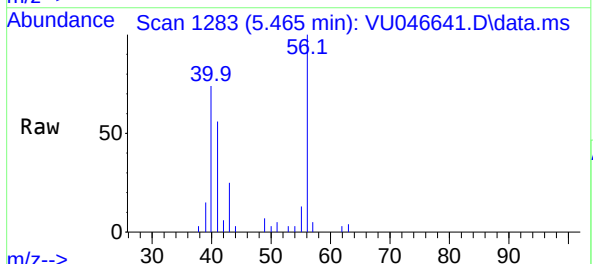
RT: 5.465 min Scan# 1283

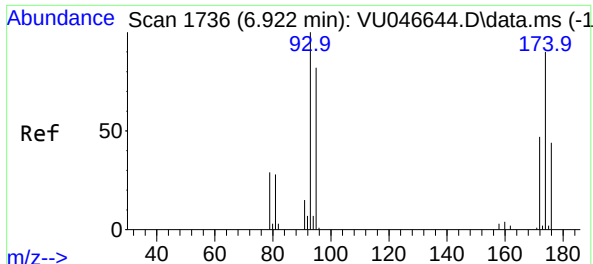
Delta R.T. 0.003 min

Lab File: VU046641.D

Acq: 30 Dec 2021 09:21

Tgt Ion:	56	Resp:	9013
Ion	Ratio	Lower	Upper
56	100		
41	56.4	26.0	78.0





#43

Dibromomethane

Concen: 1.163 ug/l

RT: 6.922 min Scan# 1736

Delta R.T. 0.000 min

Lab File: VU046641.D

Acq: 30 Dec 2021 09:21

Instrument :

MSVOA_U

ClientSampleId :

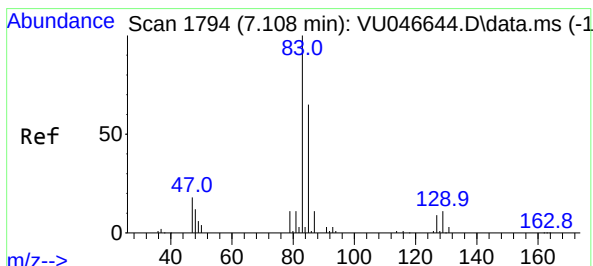
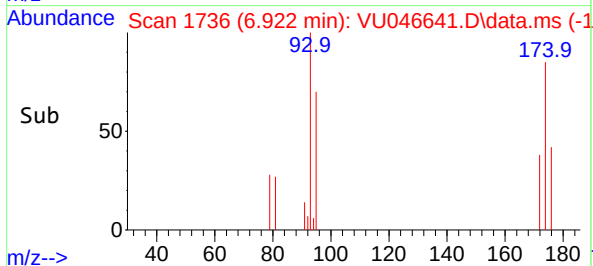
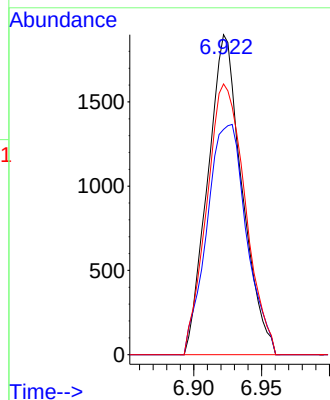
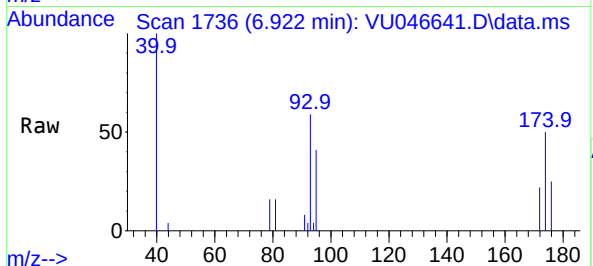
Tgt Ion: 93 Resp: 3335

Ion Ratio Lower Upper

93 100

95 83.1 66.2 99.2

174 94.9 70.7 106.1



#44

Bromodichloromethane

Concen: 1.230 ug/l

RT: 7.108 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VU046641.D

Acq: 30 Dec 2021 09:21

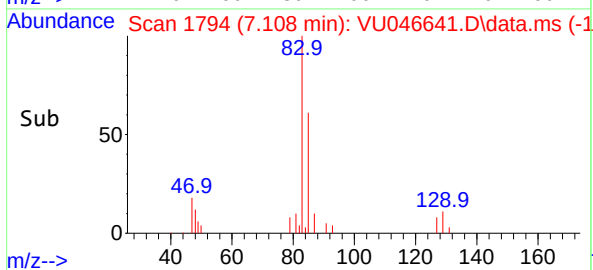
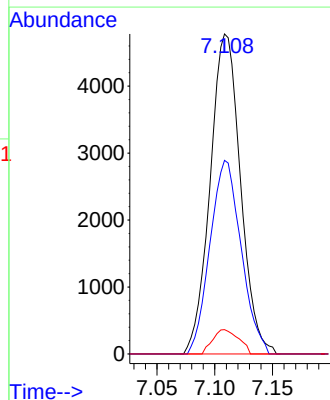
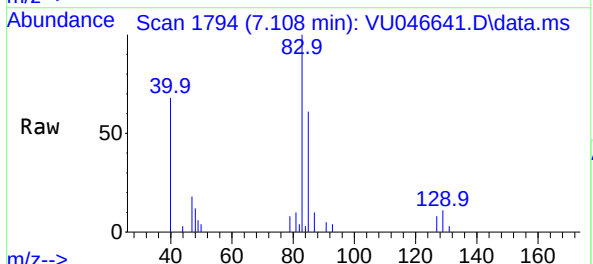
Tgt Ion: 83 Resp: 8738

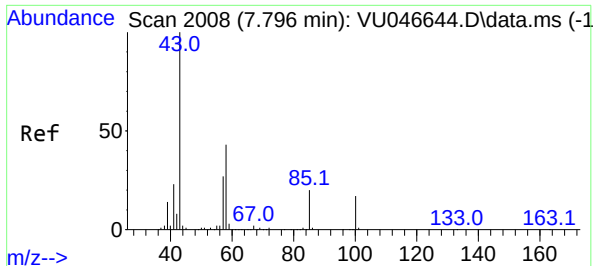
Ion Ratio Lower Upper

83 100

85 60.5 50.9 76.3

127 7.6 6.0 9.0





#45

4-Methyl-2-Pentanone

Concen: 4.183 ug/l

RT: 7.796 min Scan# 2008

Delta R.T. 0.000 min

Lab File: VU046641.D

Acq: 30 Dec 2021 09:21

Instrument :

MSVOA_U

ClientSampleId :

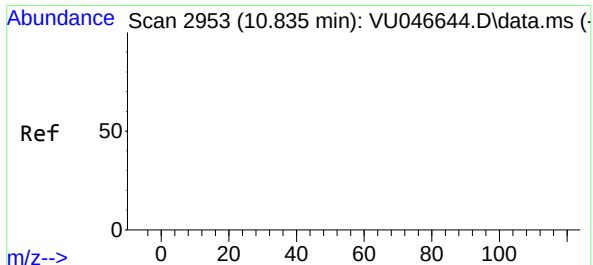
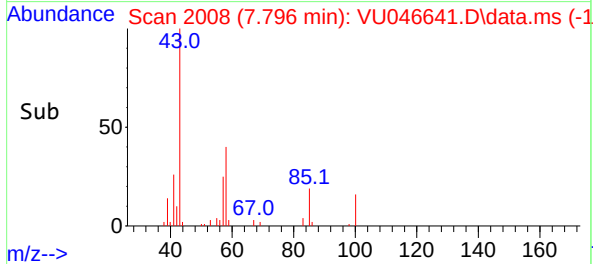
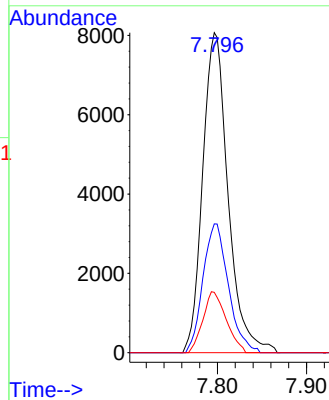
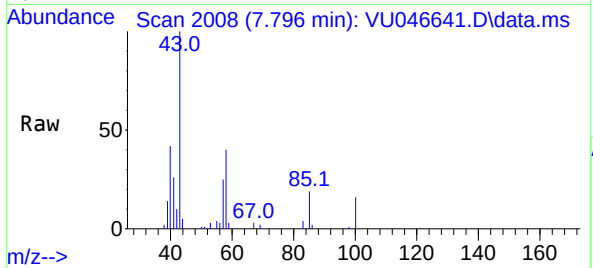
Tgt Ion: 43 Resp: 15938

Ion Ratio Lower Upper

43 100

58 40.3 21.0 63.0

85 17.4 14.8 22.2



#46

t-1,4-Dichloro-2-butene

Concen: 5.446 ug/l

RT: 10.832 min Scan# 2952

Delta R.T. -0.003 min

Lab File: VU046641.D

Acq: 30 Dec 2021 09:21

Tgt Ion: 75 Resp: 7629

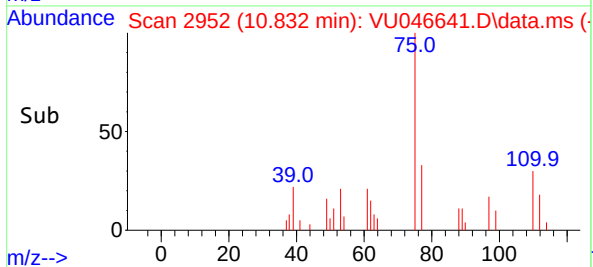
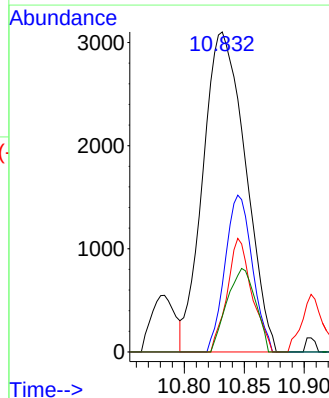
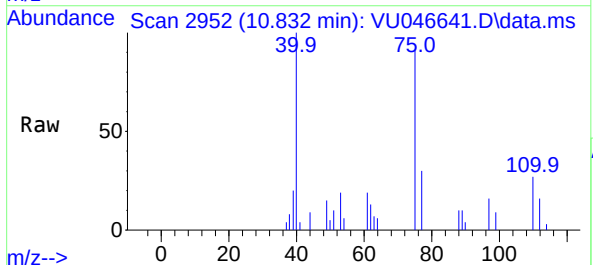
Ion Ratio Lower Upper

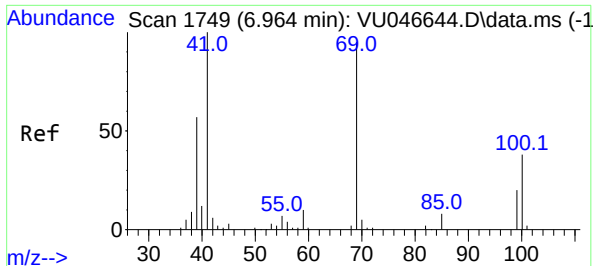
75 100

53 31.6 66.8 100.2#

89 20.8 41.7 62.5#

88 17.5 32.3 48.5#





#47

Methyl methacrylate

Concen: 1.704 ug/l

RT: 6.967 min Scan# 1749

Delta R.T. 0.003 min

Lab File: VU046641.D

Acq: 30 Dec 2021 09:21

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 69 Resp: 4851

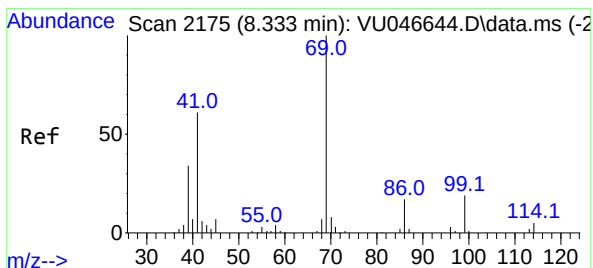
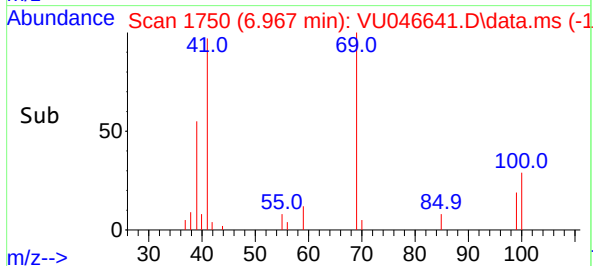
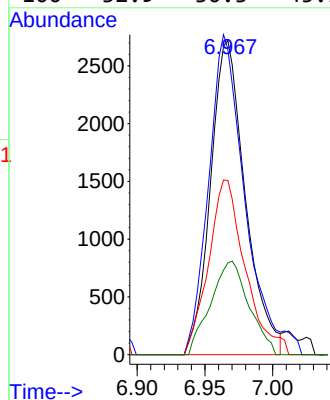
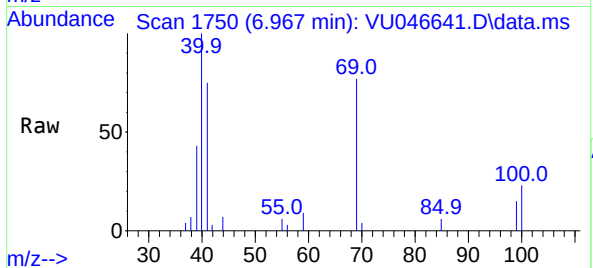
Ion Ratio Lower Upper

69 100

41 106.8 0.0 230.0

39 58.8 55.1 82.7

100 32.9 30.3 45.5



#48

Ethyl methacrylate

Concen: 0.752 ug/l

RT: 8.333 min Scan# 2175

Delta R.T. 0.000 min

Lab File: VU046641.D

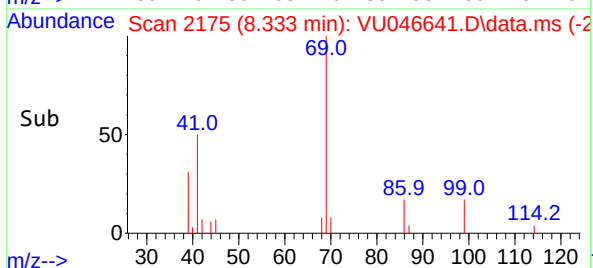
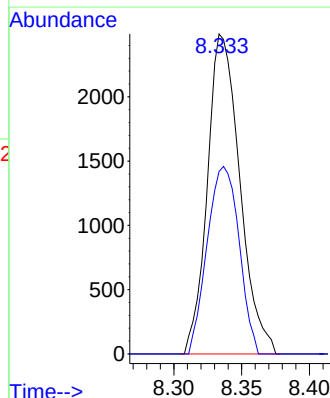
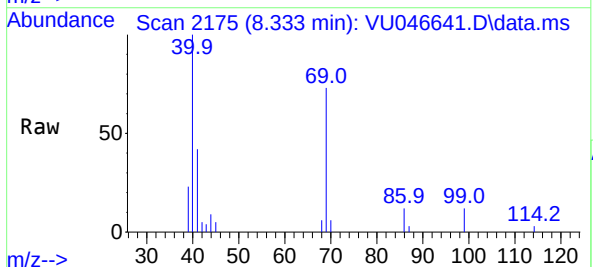
Acq: 30 Dec 2021 09:21

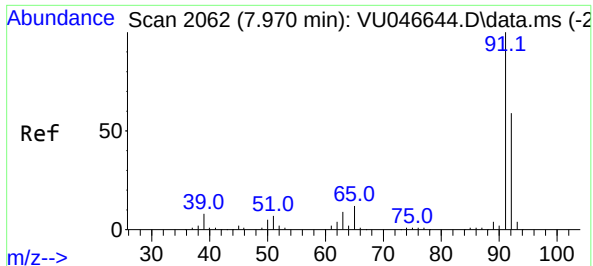
Tgt Ion: 69 Resp: 4144

Ion Ratio Lower Upper

69 100

41 57.5 32.6 98.0





#49

Toluene

Concen: 0.824 ug/l

RT: 7.973 min Scan# 2062

Delta R.T. 0.003 min

Lab File: VU046641.D

Acq: 30 Dec 2021 09:21

Instrument :

MSVOA_U

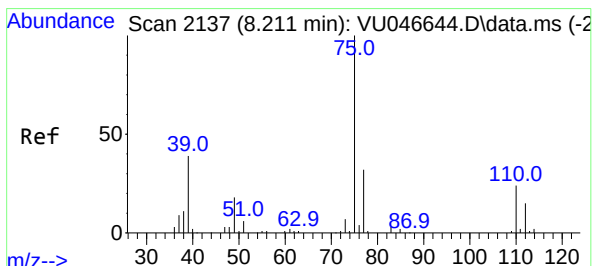
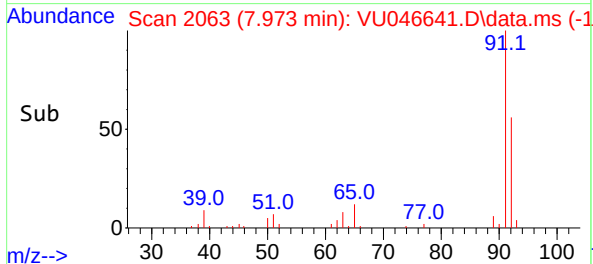
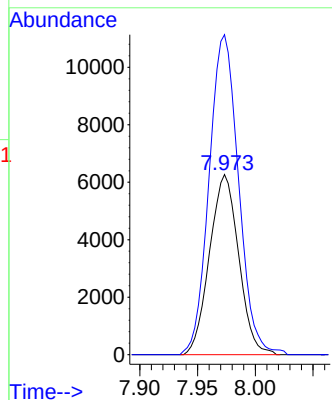
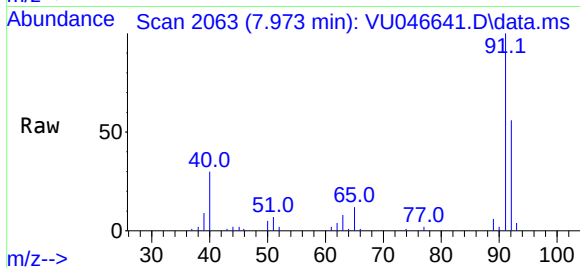
ClientSampleId :

Tgt Ion: 92 Resp: 11000

Ion Ratio Lower Upper

92 100

91 179.5 136.8 205.2



#50

t-1,3-Dichloropropene

Concen: 0.999 ug/l

RT: 8.214 min Scan# 2138

Delta R.T. 0.003 min

Lab File: VU046641.D

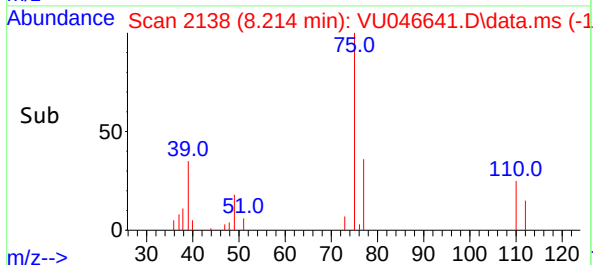
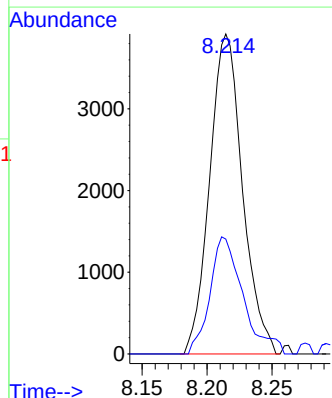
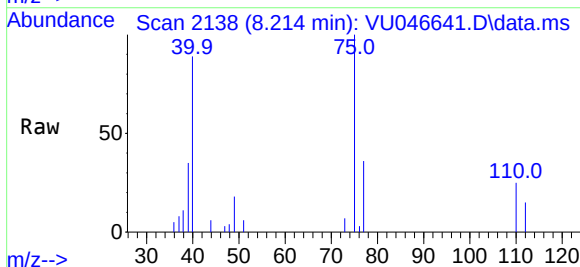
Acq: 30 Dec 2021 09:21

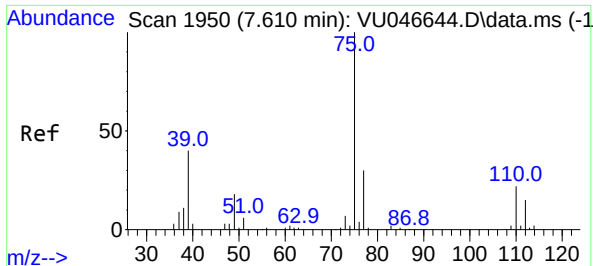
Tgt Ion: 75 Resp: 6875

Ion Ratio Lower Upper

75 100

77 35.9 25.6 38.4

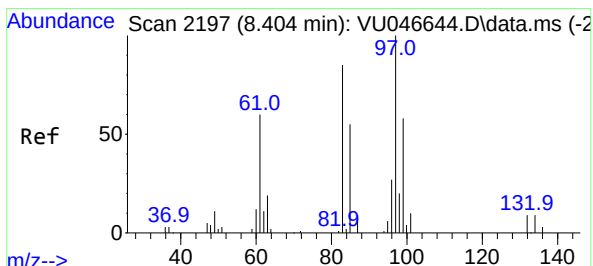
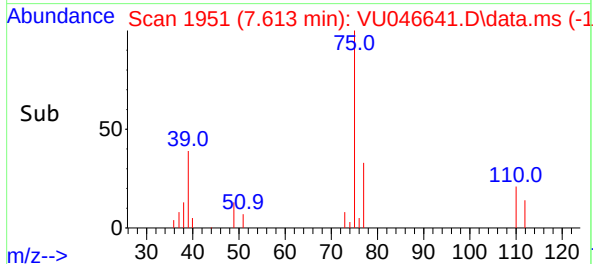
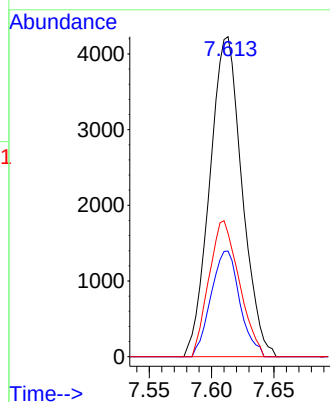
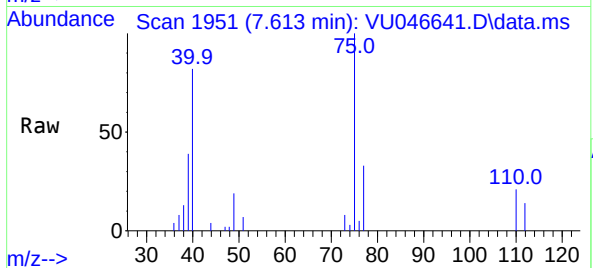




#51
 cis-1,3-Dichloropropene
 Concen: 0.956 ug/l
 RT: 7.613 min Scan# 1951
 Delta R.T. 0.003 min
 Lab File: VU046641.D
 Acq: 30 Dec 2021 09:21

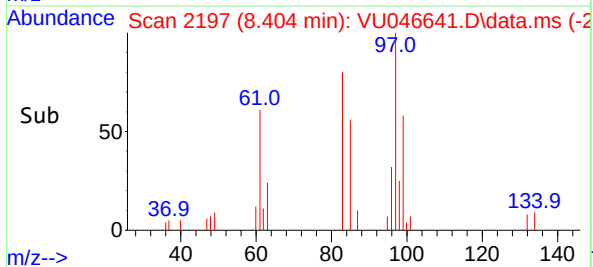
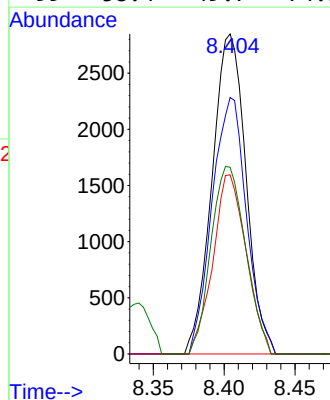
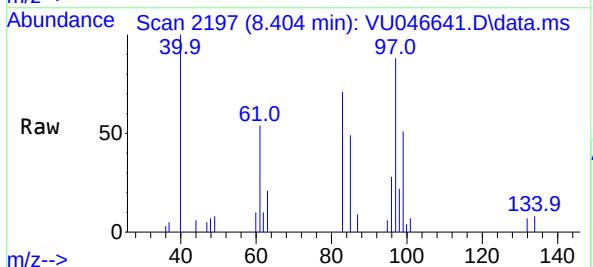
Instrument :
 MSVOA_U
 ClientSampleId :

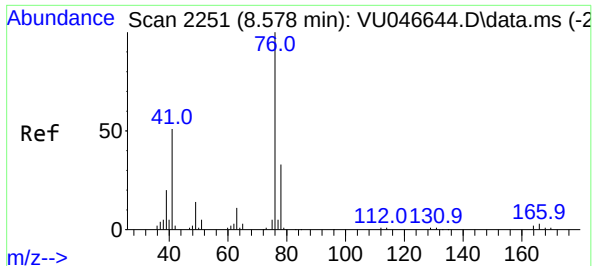
Tgt Ion:	75	Resp:	7615
Ion	Ratio	Lower	Upper
75	100		
77	33.0	25.2	37.8
39	38.6	38.6	57.8



#52
 1,1,2-Trichloroethane
 Concen: 1.154 ug/l
 RT: 8.404 min Scan# 2197
 Delta R.T. 0.000 min
 Lab File: VU046641.D
 Acq: 30 Dec 2021 09:21

Tgt Ion:	97	Resp:	4734
Ion	Ratio	Lower	Upper
97	100		
83	80.1	69.8	104.8
85	56.0	44.2	66.4
99	58.4	49.7	74.5





#53

1,3-Dichloropropane

Concen: 1.074 ug/l

RT: 8.578 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU046641.D

Acq: 30 Dec 2021 09:21

Instrument :

MSVOA_U

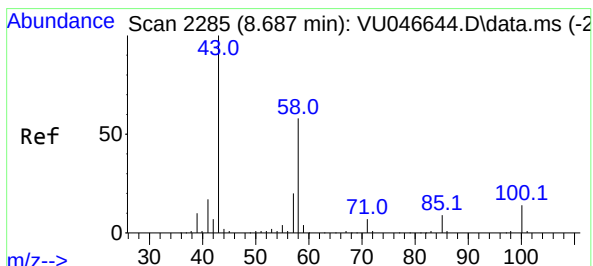
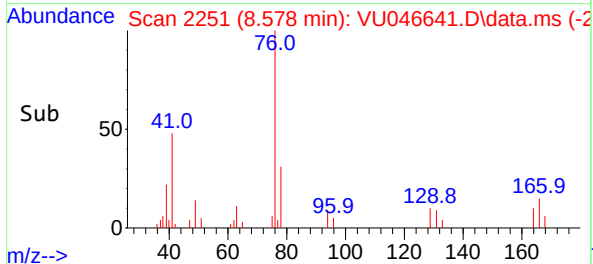
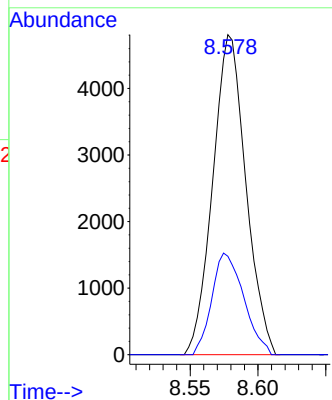
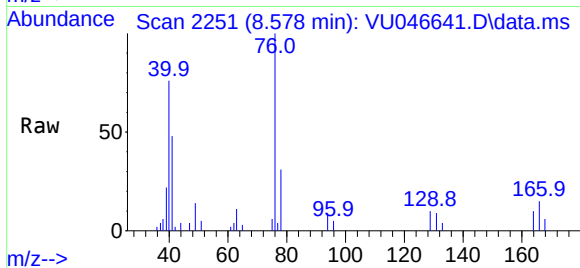
ClientSampleId :

Tgt Ion: 76 Resp: 8154

Ion Ratio Lower Upper

76 100

78 30.6 25.4 38.2



#54

2-Hexanone

Concen: 3.803 ug/l

RT: 8.690 min Scan# 2286

Delta R.T. 0.003 min

Lab File: VU046641.D

Acq: 30 Dec 2021 09:21

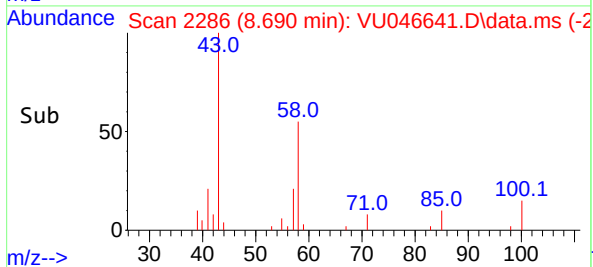
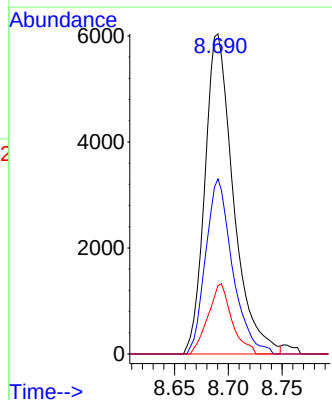
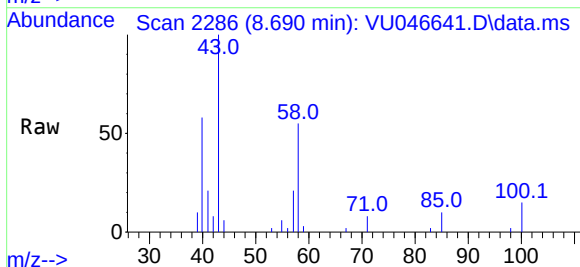
Tgt Ion: 43 Resp: 11159

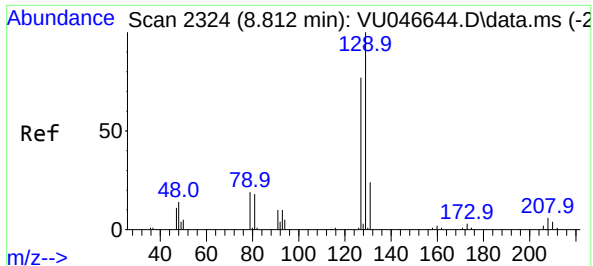
Ion Ratio Lower Upper

43 100

58 51.5 37.7 77.7

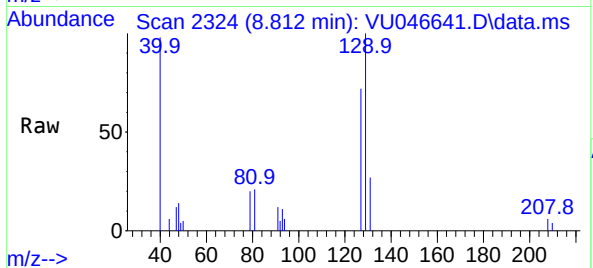
57 18.3 0.5 40.5



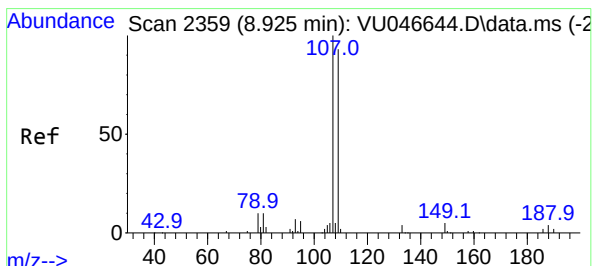
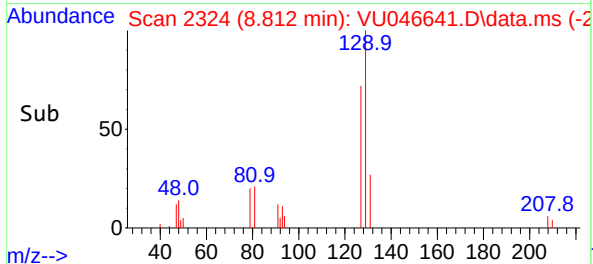
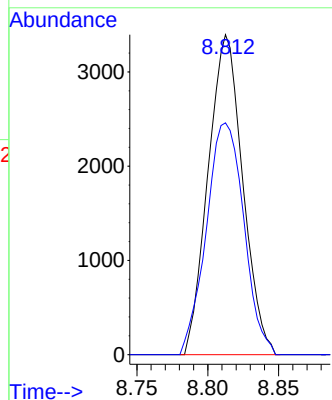


#55
Dibromochloromethane
Concen: 1.300 ug/l
RT: 8.812 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU046641.D
Acq: 30 Dec 2021 09:21

Instrument :
MSVOA_U
ClientSampleId :

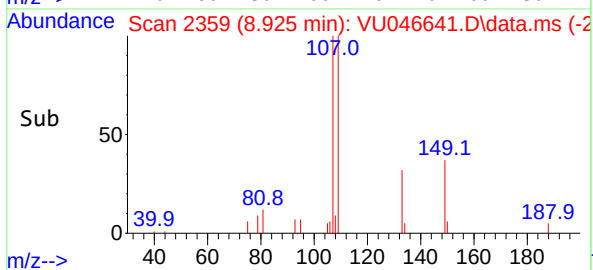
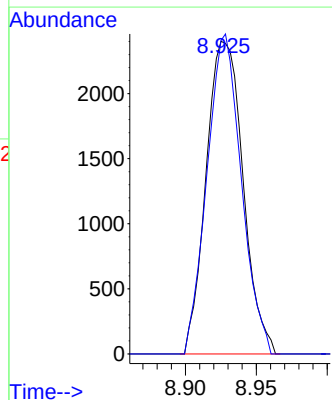
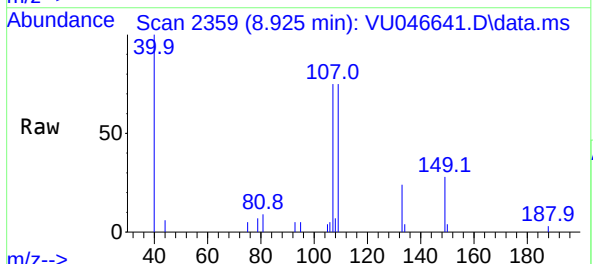


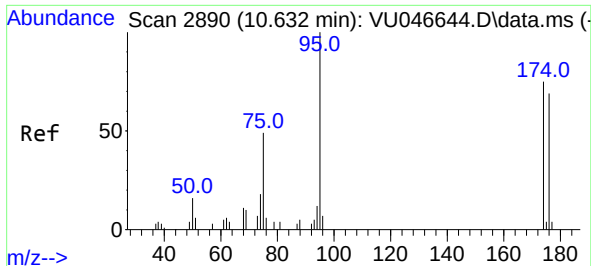
Tgt Ion:129 Resp: 5759
Ion Ratio Lower Upper
129 100
127 78.7 62.2 93.4



#56
1,2-Dibromoethane
Concen: 1.124 ug/l
RT: 8.925 min Scan# 2359
Delta R.T. 0.000 min
Lab File: VU046641.D
Acq: 30 Dec 2021 09:21

Tgt Ion:107 Resp: 4351
Ion Ratio Lower Upper
107 100
109 95.0 0.0 185.0





#57

4-Bromofluorobenzene

Concen: 0.930 ug/l

RT: 10.636 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU046641.D

Acq: 30 Dec 2021 09:21

Instrument :

MSVOA_U

ClientSampleId :

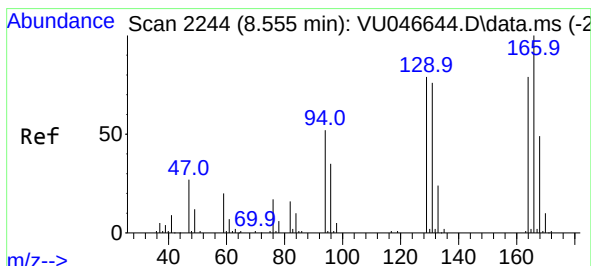
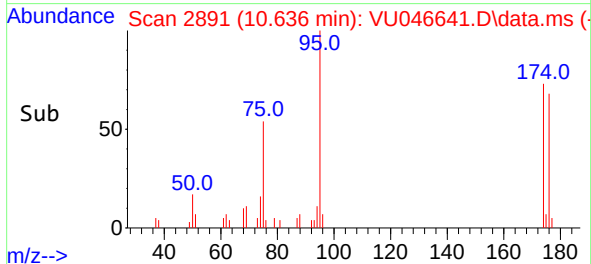
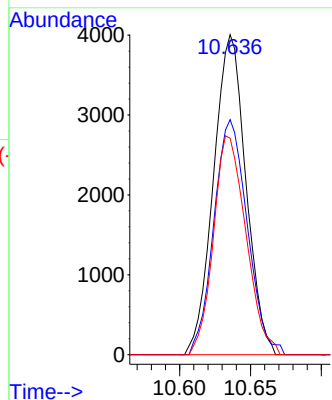
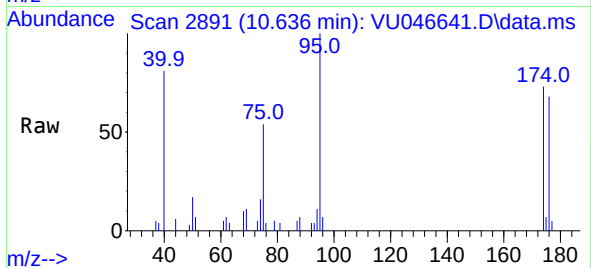
Tgt Ion: 95 Resp: 6361

Ion Ratio Lower Upper

95 100

174 76.1 56.6 84.8

176 68.8 54.3 81.5



#58

Tetrachloroethene

Concen: 0.981 ug/l

RT: 8.558 min Scan# 2245

Delta R.T. 0.003 min

Lab File: VU046641.D

Acq: 30 Dec 2021 09:21

Tgt Ion: 164 Resp: 4666

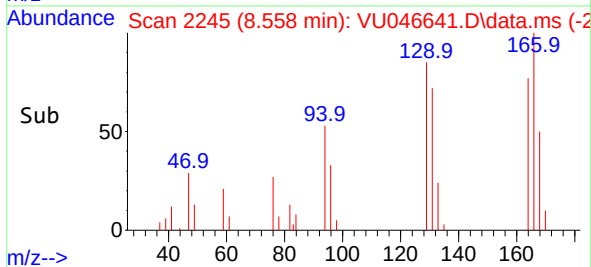
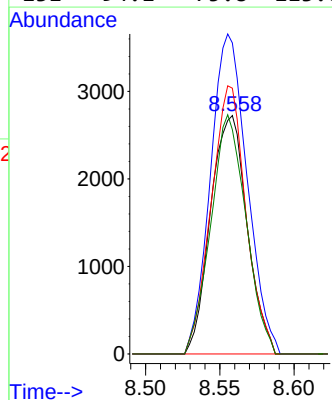
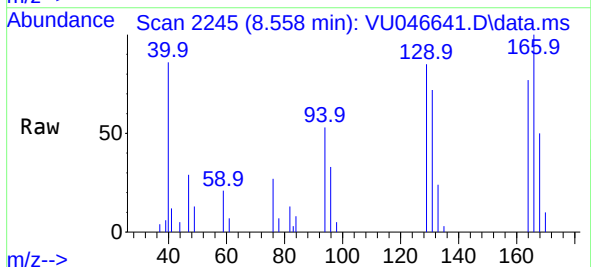
Ion Ratio Lower Upper

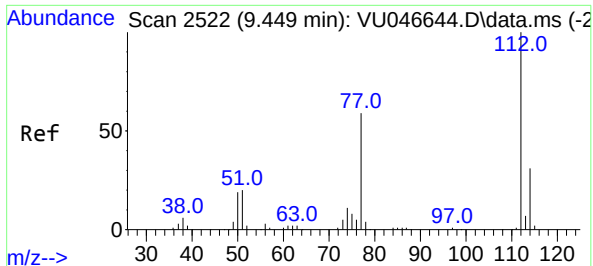
164 100

166 130.4 102.0 153.0

129 111.5 77.1 115.7

131 94.1 75.8 113.6





#59

Chlorobenzene

Concen: 0.929 ug/l

RT: 9.449 min Scan# 2522

Delta R.T. 0.000 min

Lab File: VU046641.D

Acq: 30 Dec 2021 09:21

Instrument :

MSVOA_U

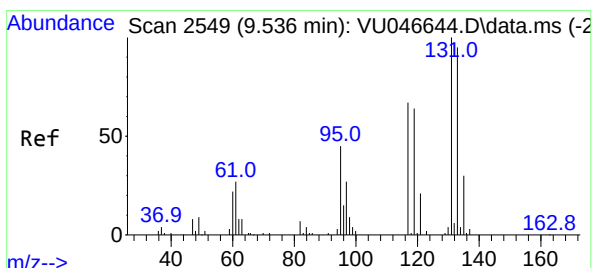
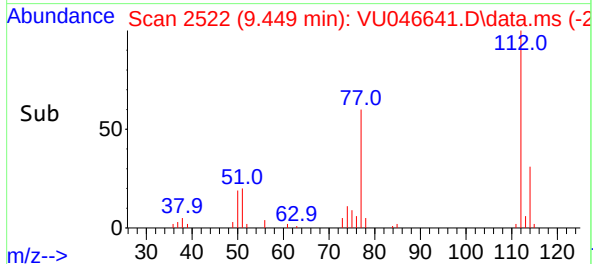
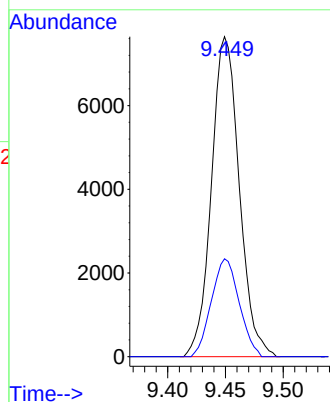
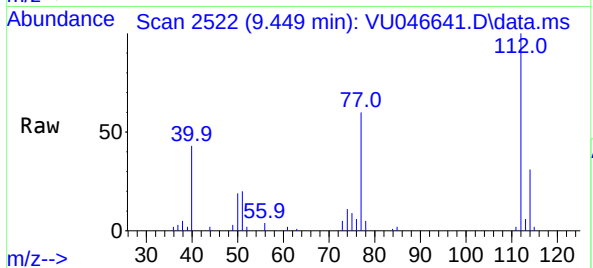
ClientSampleId :

Tgt Ion:112 Resp: 12823

Ion Ratio Lower Upper

112 100

114 30.6 25.4 38.0



#60

1,1,1,2-Tetrachloroethane

Concen: 1.189 ug/l

RT: 9.536 min Scan# 2549

Delta R.T. 0.000 min

Lab File: VU046641.D

Acq: 30 Dec 2021 09:21

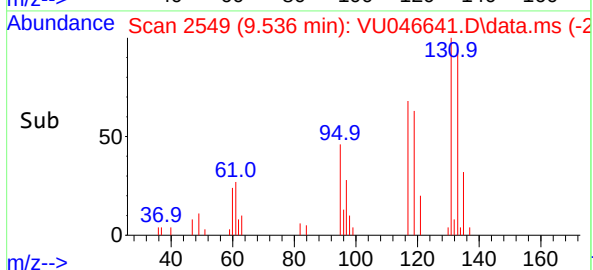
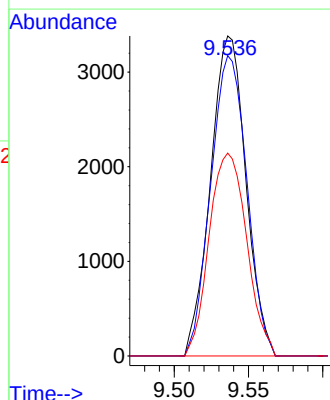
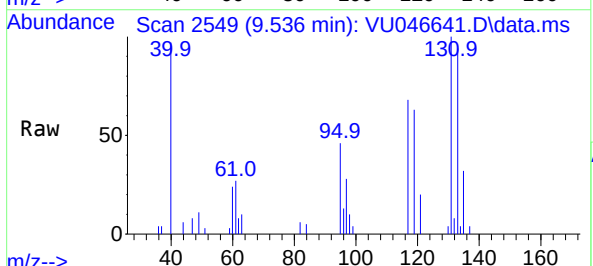
Tgt Ion:131 Resp: 5611

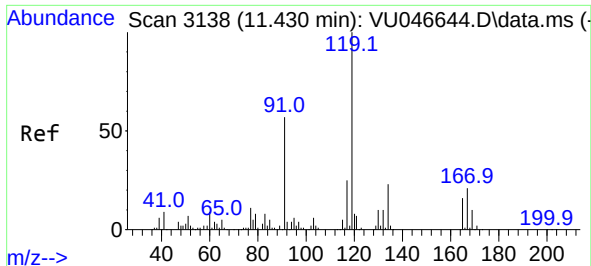
Ion Ratio Lower Upper

131 100

133 95.7 76.0 114.0

119 67.1 54.9 82.3

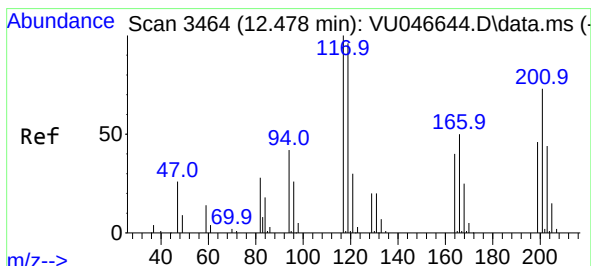
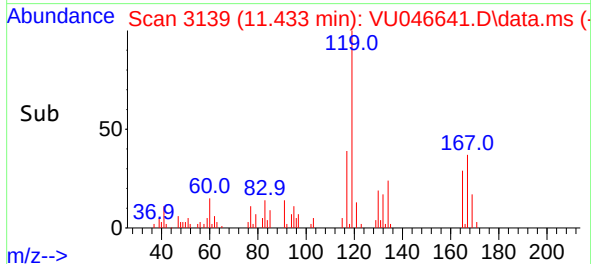
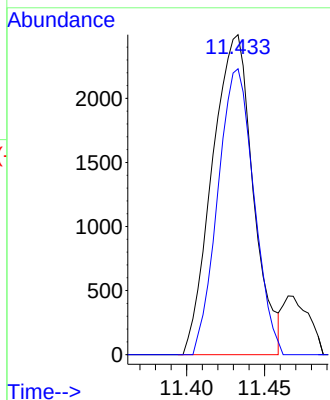
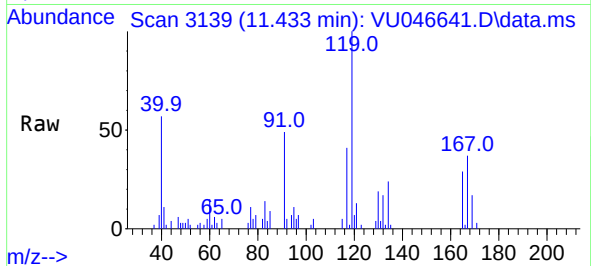




#61
Pentachloroethane
Concen: 1.310 ug/l
RT: 11.433 min Scan# 3138
Delta R.T. 0.003 min
Lab File: VU046641.D
Acq: 30 Dec 2021 09:21

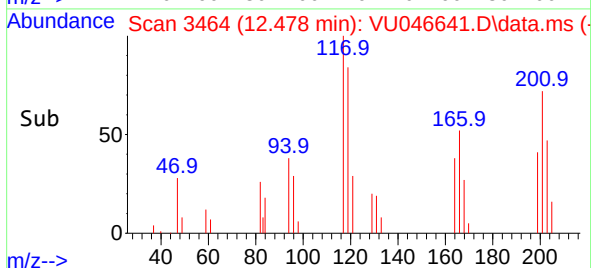
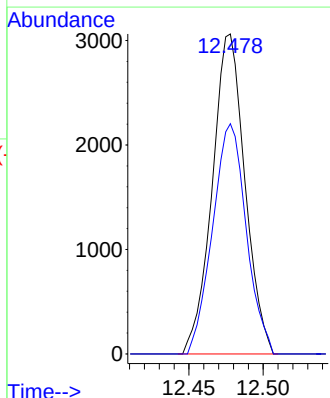
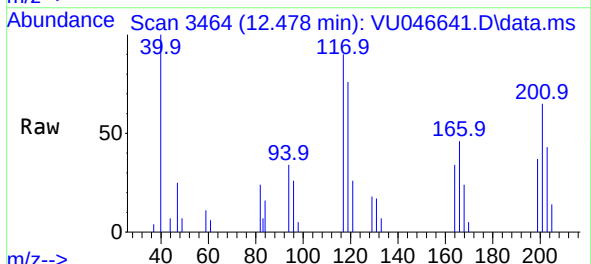
Instrument :
MSVOA_U
ClientSampleId :

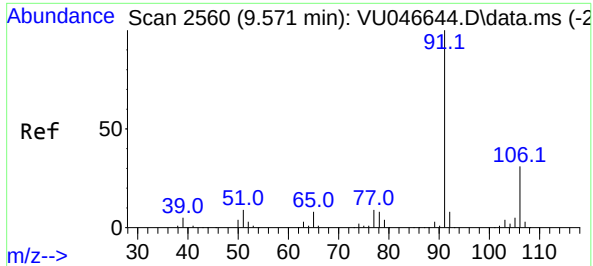
Tgt Ion:117 Resp: 4552
Ion Ratio Lower Upper
117 100
167 78.8 59.7 89.5



#62
Hexachloroethane
Concen: 1.282 ug/l
RT: 12.478 min Scan# 3464
Delta R.T. 0.000 min
Lab File: VU046641.D
Acq: 30 Dec 2021 09:21

Tgt Ion:117 Resp: 4688
Ion Ratio Lower Upper
117 100
201 74.1 53.6 80.4

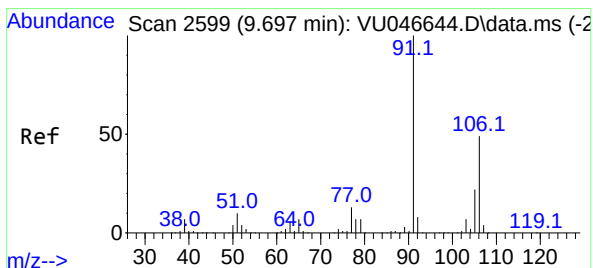
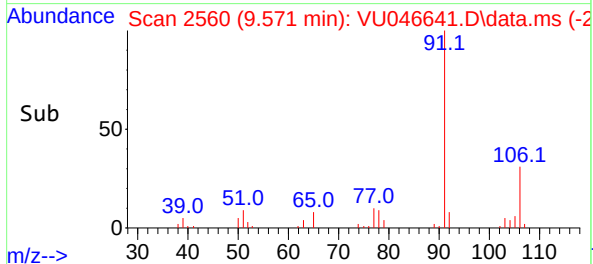
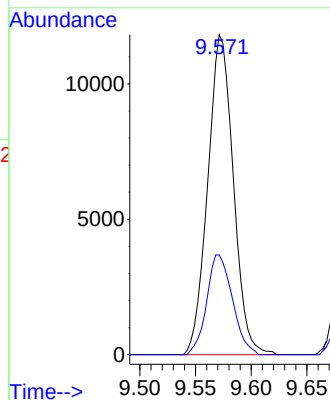
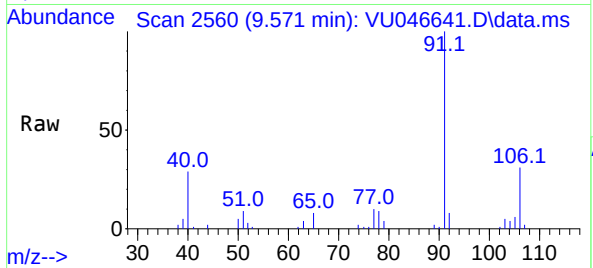




#63
Ethyl Benzene
Concen: 0.764 ug/l
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU046641.D
Acq: 30 Dec 2021 09:21

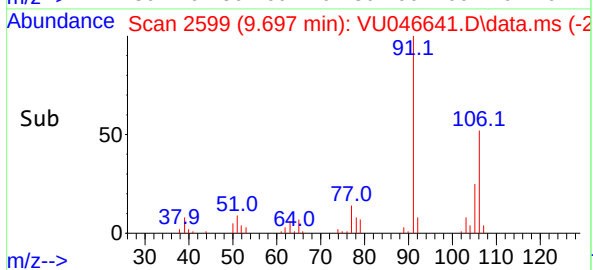
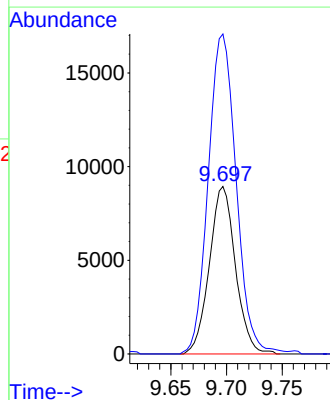
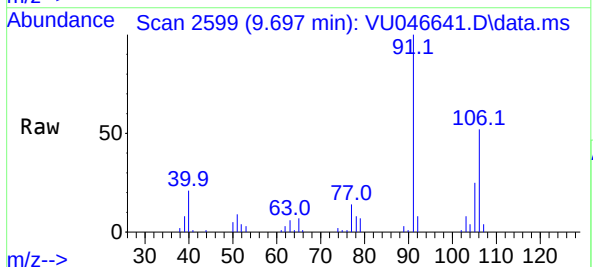
Instrument :
MSVOA_U
ClientSampleId :

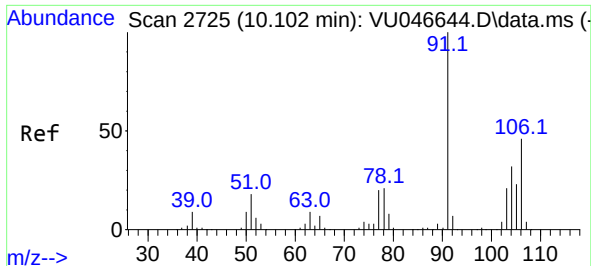
Tgt Ion: 91 Resp: 18888
Ion Ratio Lower Upper
91 100
106 31.2 24.4 36.6



#64
m/p-Xylenes
Concen: 1.542 ug/l
RT: 9.697 min Scan# 2599
Delta R.T. 0.000 min
Lab File: VU046641.D
Acq: 30 Dec 2021 09:21

Tgt Ion: 106 Resp: 14574
Ion Ratio Lower Upper
106 100
91 204.1 165.5 248.3

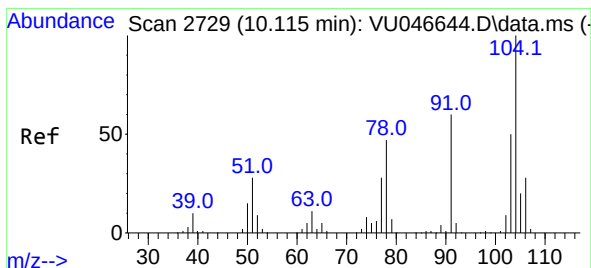
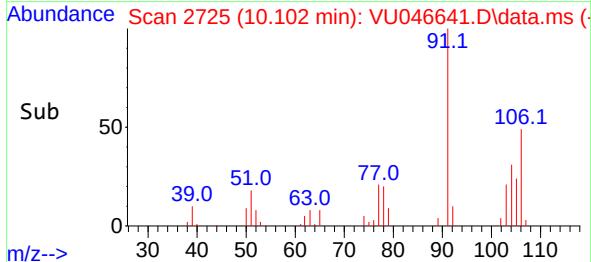
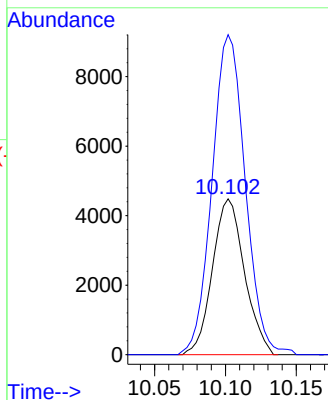
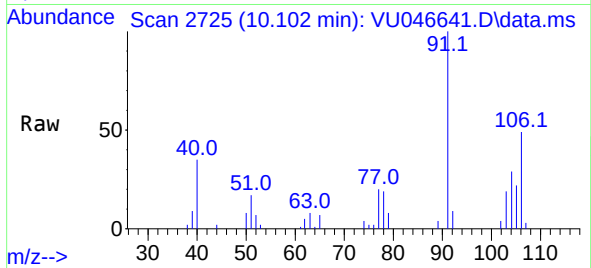




#65
o-Xylene
Concen: 0.768 ug/l
RT: 10.102 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VU046641.D
Acq: 30 Dec 2021 09:21

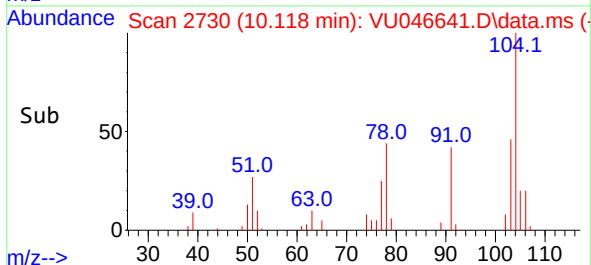
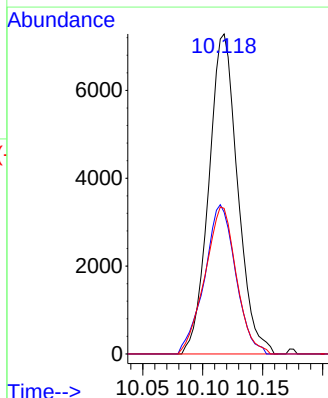
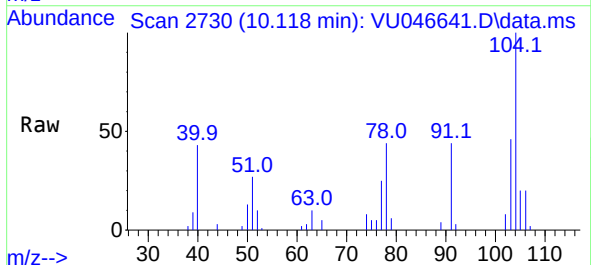
Instrument :
MSVOA_U
ClientSampleId :

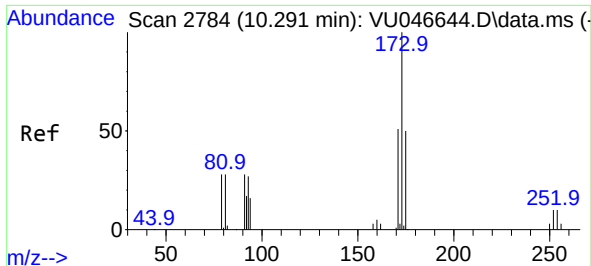
Tgt Ion:106 Resp: 7052
Ion Ratio Lower Upper
106 100
91 212.8 109.4 328.2



#66
Styrene
Concen: 0.803 ug/l
RT: 10.118 min Scan# 2730
Delta R.T. 0.003 min
Lab File: VU046641.D
Acq: 30 Dec 2021 09:21

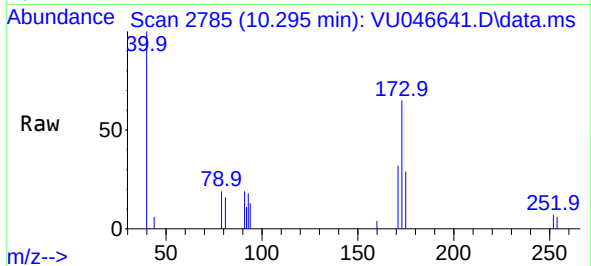
Tgt Ion:104 Resp: 12189
Ion Ratio Lower Upper
104 100
78 50.2 42.4 63.6
103 49.9 44.2 66.4



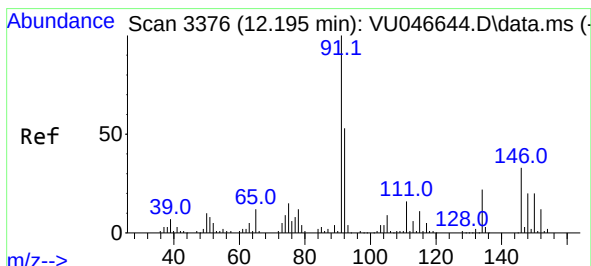
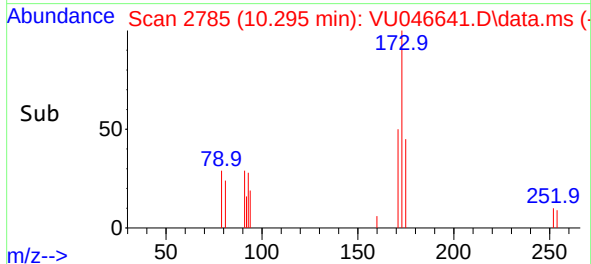
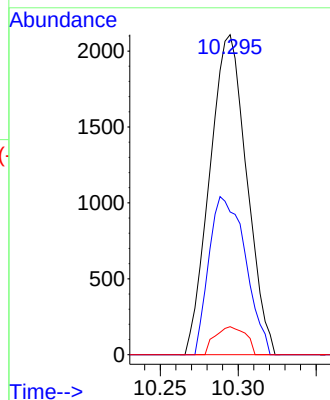


#67
Bromoform
Concen: 1.462 ug/l
RT: 10.295 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU046641.D
Acq: 30 Dec 2021 09:21

Instrument :
MSVOA_U
ClientSampleId :

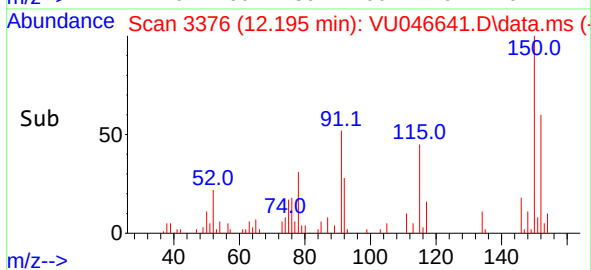
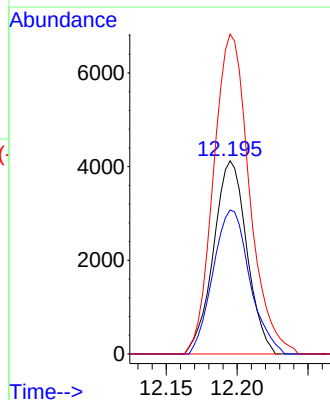
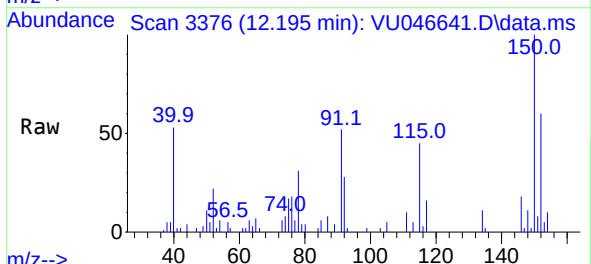


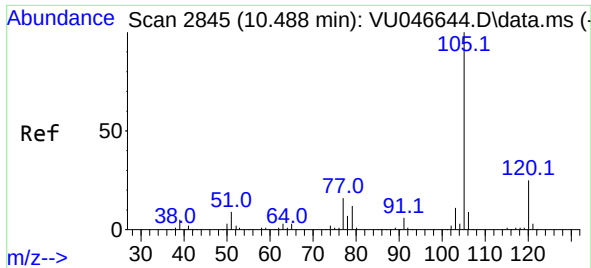
Tgt Ion:173 Resp: 3476
Ion Ratio Lower Upper
173 100
175 48.8 39.0 58.4
254 7.2 5.5 8.3



#68
1,2-Dichlorobenzene-d4
Concen: 1.027 ug/l
RT: 12.195 min Scan# 3376
Delta R.T. 0.000 min
Lab File: VU046641.D
Acq: 30 Dec 2021 09:21

Tgt Ion:152 Resp: 6743
Ion Ratio Lower Upper
152 100
115 82.0 0.0 251.0
150 178.7 0.0 613.8

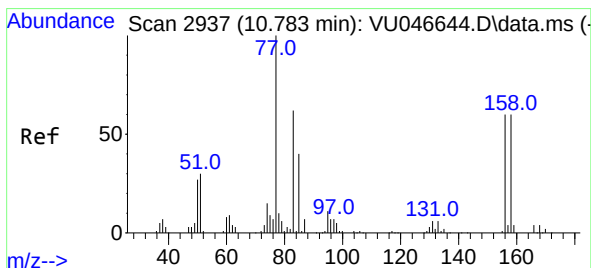
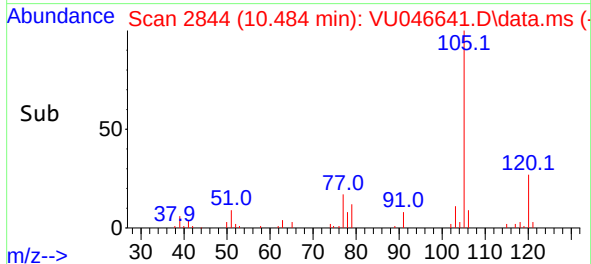
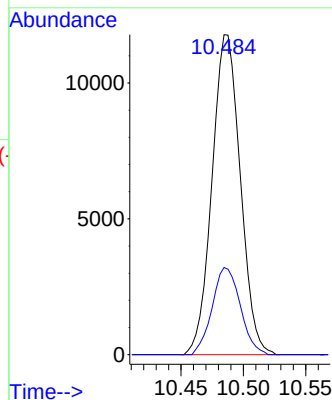
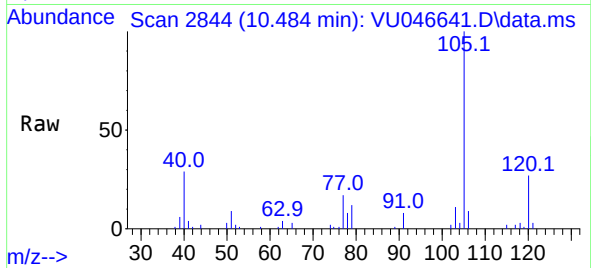




#69
Isopropylbenzene
Concen: 0.774 ug/l
RT: 10.484 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU046641.D
Acq: 30 Dec 2021 09:21

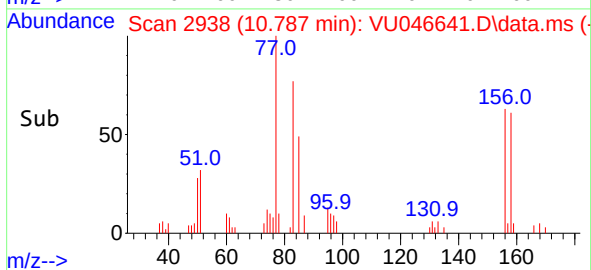
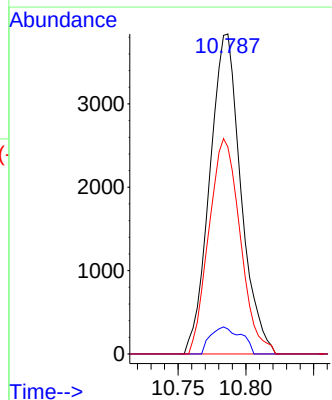
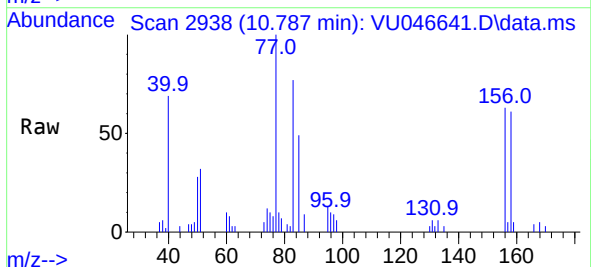
Instrument :
MSVOA_U
ClientSampleId :

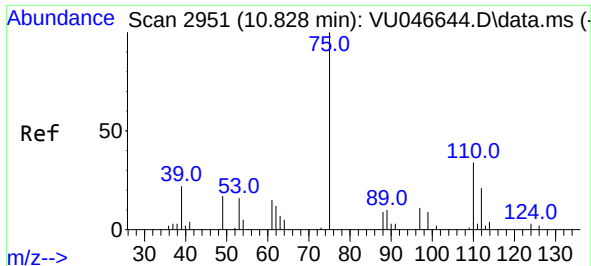
Tgt Ion:105 Resp: 18600
Ion Ratio Lower Upper
105 100
120 27.1 12.8 38.4



#70
1,1,2,2-Tetrachloroethane
Concen: 1.154 ug/l
RT: 10.787 min Scan# 2938
Delta R.T. 0.003 min
Lab File: VU046641.D
Acq: 30 Dec 2021 09:21

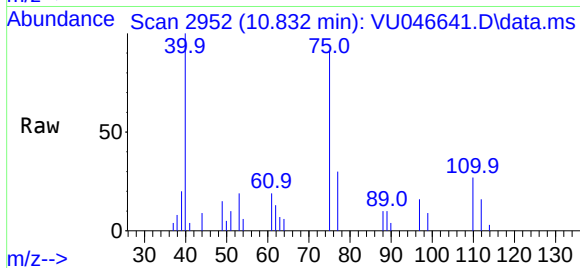
Tgt Ion: 83 Resp: 6131
Ion Ratio Lower Upper
83 100
131 8.3 7.6 11.4
85 67.7 50.9 76.3





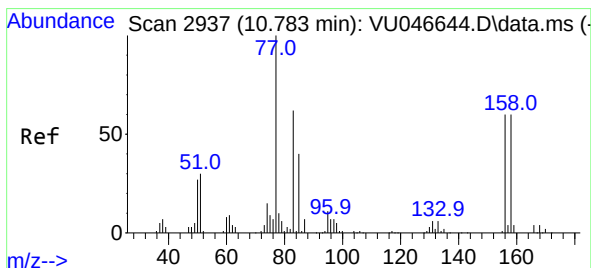
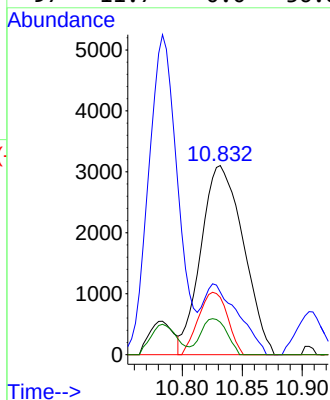
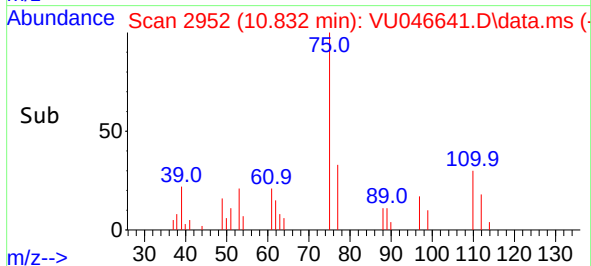
#71
1,2,3-Trichloropropane
Concen: 1.788 ug/l
RT: 10.832 min Scan# 2951
Delta R.T. 0.003 min
Lab File: VU046641.D
Acq: 30 Dec 2021 09:21

Instrument :
MSVOA_U
ClientSampleId :

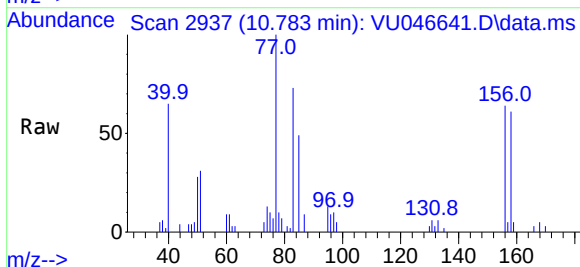


Tgt Ion: 75 Resp: 7629

Ion	Ratio	Lower	Upper
75	100		
77	30.7	0.0	105.6
110	22.6	0.0	71.2
97	11.7	0.0	36.8

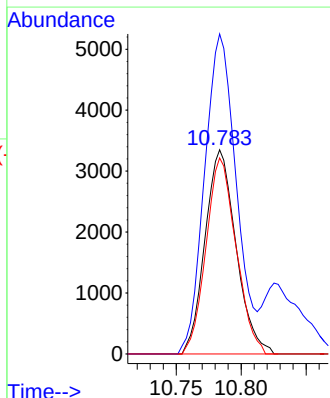
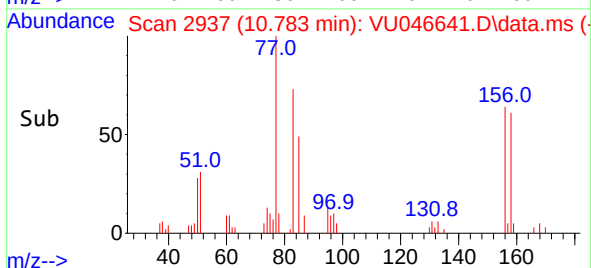


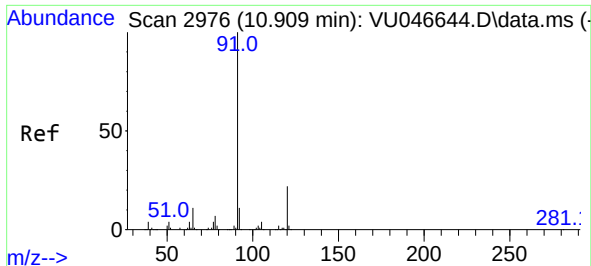
#72
Bromobenzene
Concen: 1.024 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU046641.D
Acq: 30 Dec 2021 09:21



Tgt Ion: 156 Resp: 5553

Ion	Ratio	Lower	Upper
156	100		
77	160.0	0.0	370.6
158	93.0	0.0	193.4

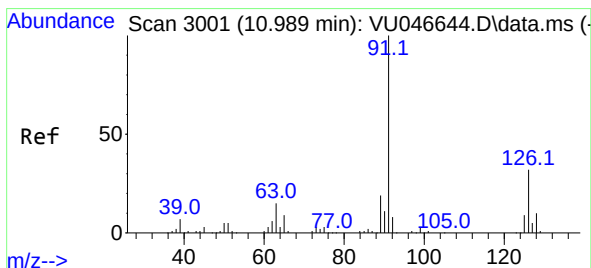
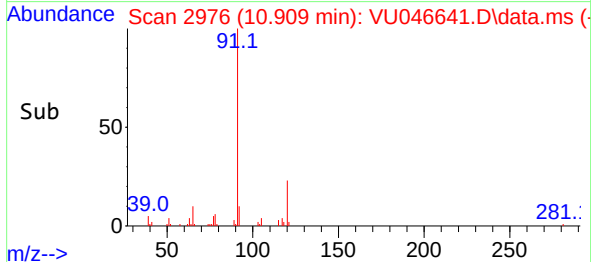
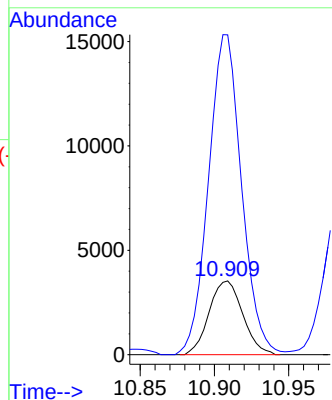
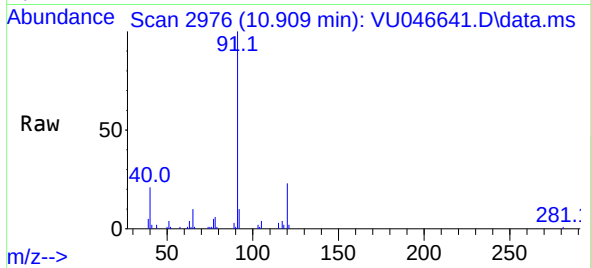




#73
n-propylbenzene
Concen: 0.875 ug/l
RT: 10.909 min Scan# 2976
Delta R.T. 0.000 min
Lab File: VU046641.D
Acq: 30 Dec 2021 09:21

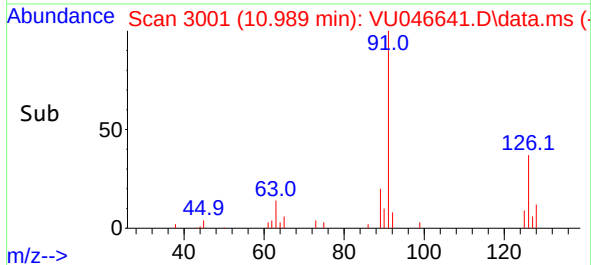
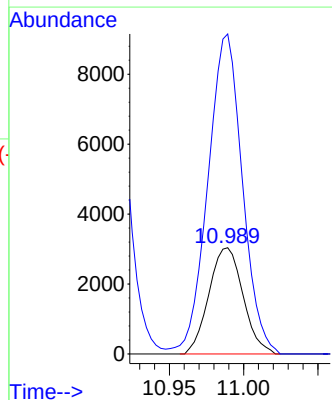
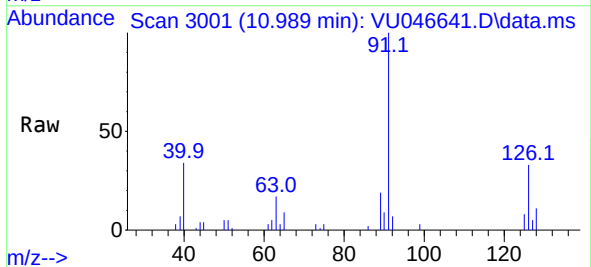
Instrument :
MSVOA_U
ClientSampleId :

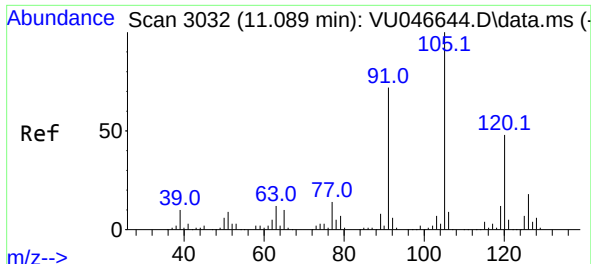
Tgt Ion:120 Resp: 5565
Ion Ratio Lower Upper
120 100
91 426.6 370.7 556.1



#74
2-Chlorotoluene
Concen: 0.884 ug/l
RT: 10.989 min Scan# 3001
Delta R.T. 0.000 min
Lab File: VU046641.D
Acq: 30 Dec 2021 09:21

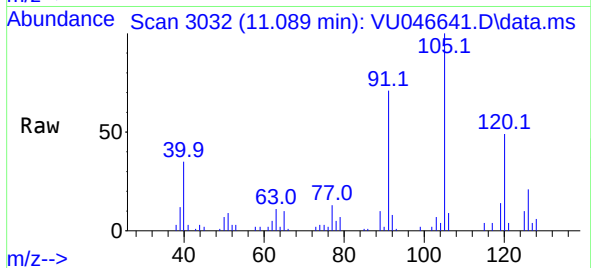
Tgt Ion:126 Resp: 4853
Ion Ratio Lower Upper
126 100
91 304.7 0.0 639.6



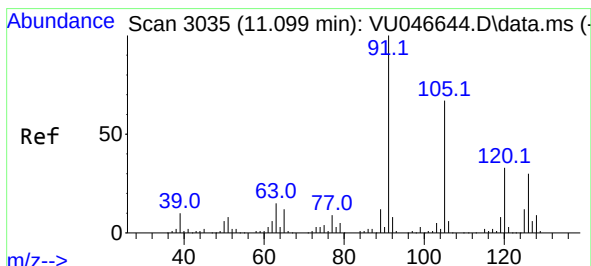
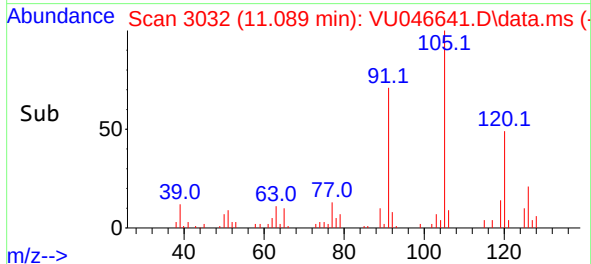
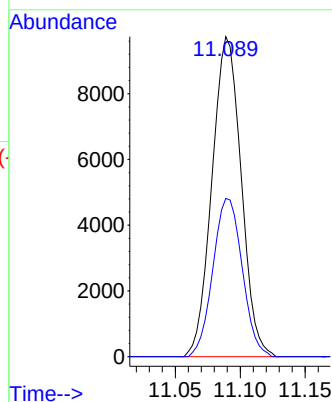


#75
1,3,5-Trimethylbenzene
Concen: 0.752 ug/l
RT: 11.089 min Scan# 3032
Delta R.T. 0.000 min
Lab File: VU046641.D
Acq: 30 Dec 2021 09:21

Instrument :
MSVOA_U
ClientSampleId :

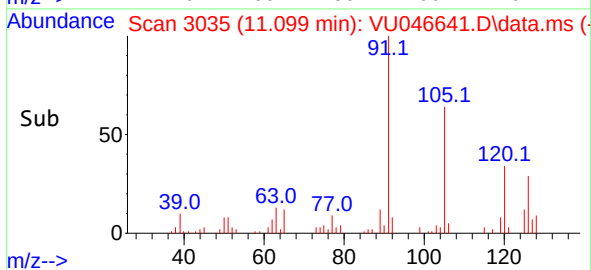
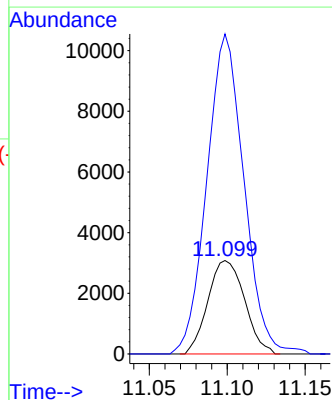
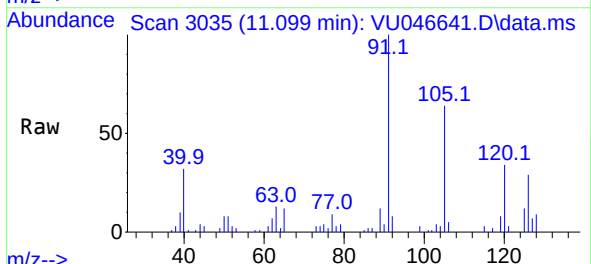


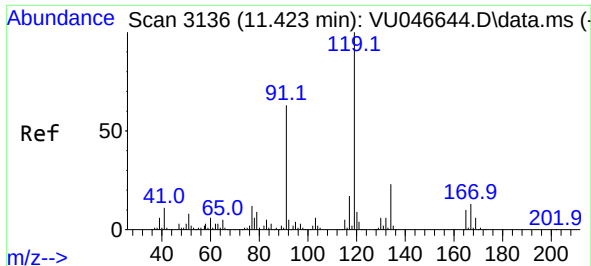
Tgt Ion:105 Resp: 15195
Ion Ratio Lower Upper
105 100
120 49.7 38.6 58.0



#76
4-Chlorotoluene
Concen: 0.889 ug/l
RT: 11.099 min Scan# 3035
Delta R.T. 0.000 min
Lab File: VU046641.D
Acq: 30 Dec 2021 09:21

Tgt Ion:126 Resp: 5034
Ion Ratio Lower Upper
126 100
91 347.0 0.0 728.0

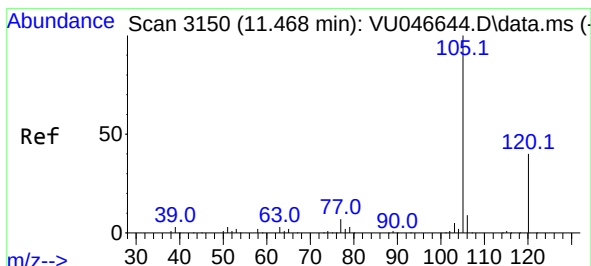
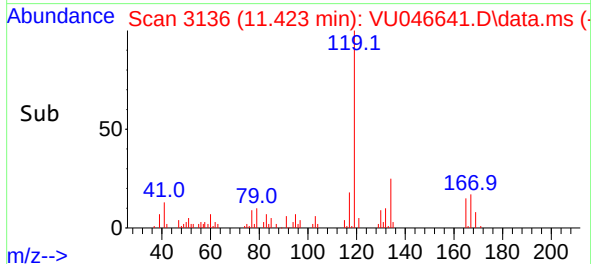
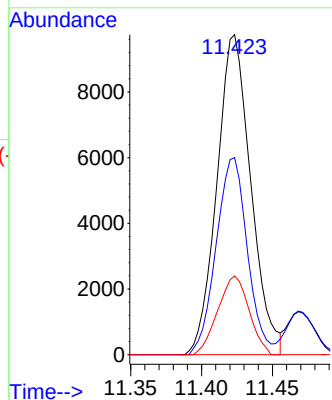
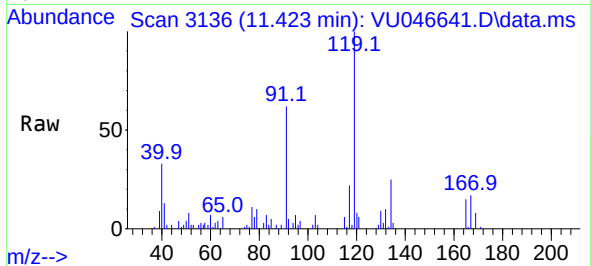




#77
tert-Butylbenzene
Concen: 0.828 ug/l
RT: 11.423 min Scan# 3136
Delta R.T. 0.000 min
Lab File: VU046641.D
Acq: 30 Dec 2021 09:21

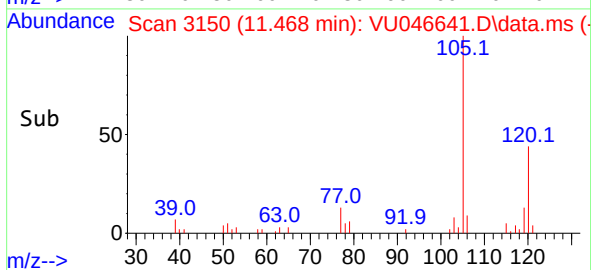
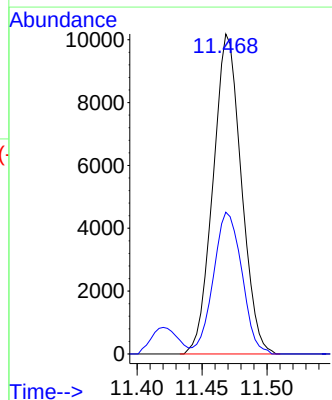
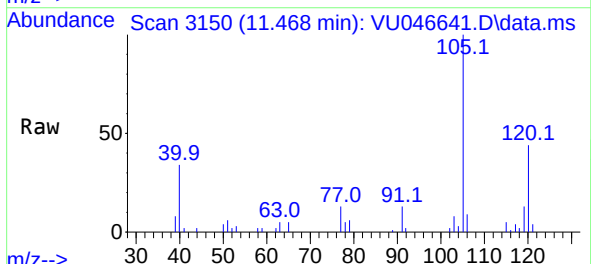
Instrument :
MSVOA_U
ClientSampleId :

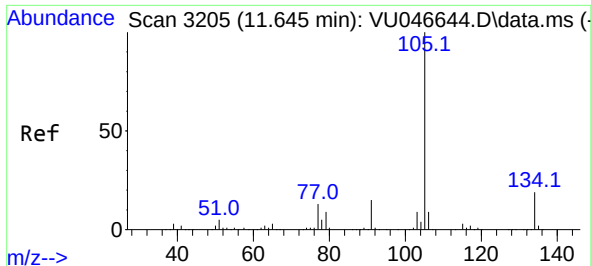
Tgt Ion:119 Resp: 16260
Ion Ratio Lower Upper
119 100
91 56.4 31.4 94.3
134 22.6 18.5 27.7



#78
1,2,4-Trimethylbenzene
Concen: 0.745 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU046641.D
Acq: 30 Dec 2021 09:21

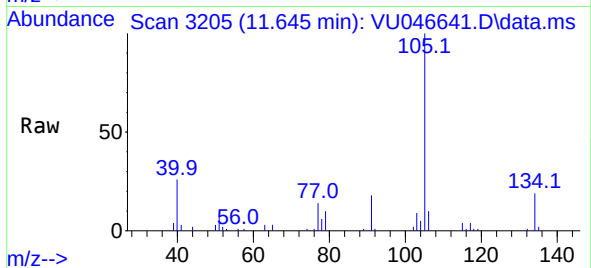
Tgt Ion:105 Resp: 15393
Ion Ratio Lower Upper
105 100
120 44.8 22.3 66.8



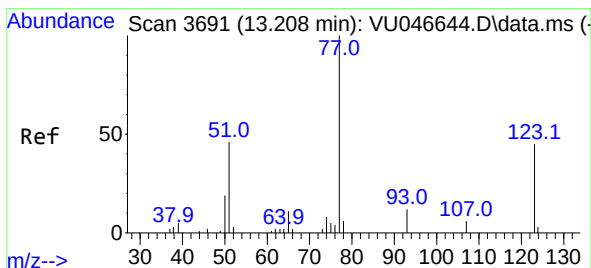
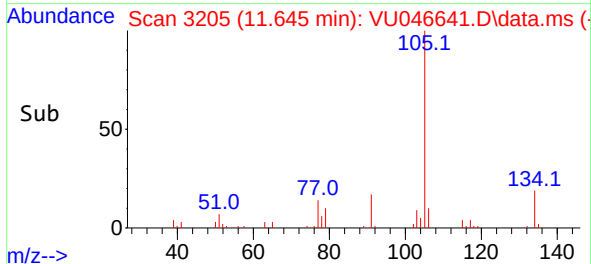
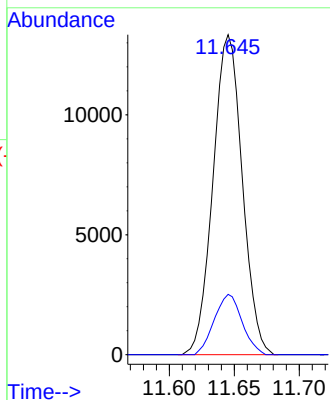


#79
 sec-Butylbenzene
 Concen: 0.772 ug/l
 RT: 11.645 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU046641.D
 Acq: 30 Dec 2021 09:21

Instrument :
 MSVOA_U
 ClientSampleId :

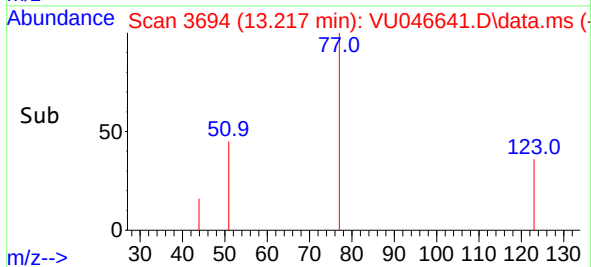
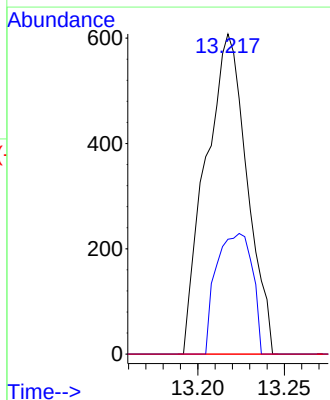
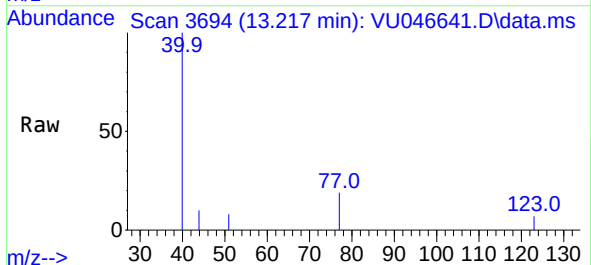


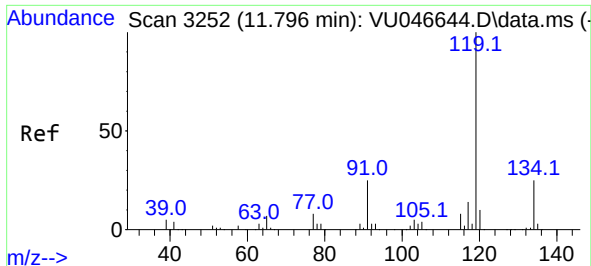
Tgt Ion:105 Resp: 20876
 Ion Ratio Lower Upper
 105 100
 134 17.9 15.4 23.0



#80
 Nitrobenzene
 Concen: 5.895 ug/l
 RT: 13.217 min Scan# 3694
 Delta R.T. 0.010 min
 Lab File: VU046641.D
 Acq: 30 Dec 2021 09:21

Tgt Ion: 77 Resp: 1008
 Ion Ratio Lower Upper
 77 100
 123 32.7 18.2 64.4
 65 0.0 12.0 15.2#

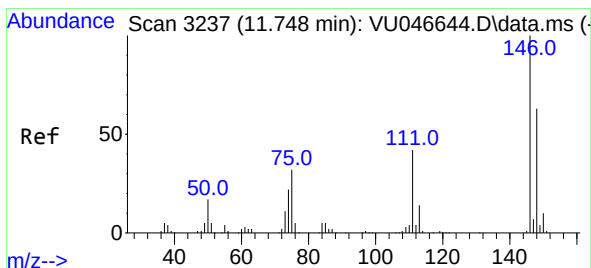
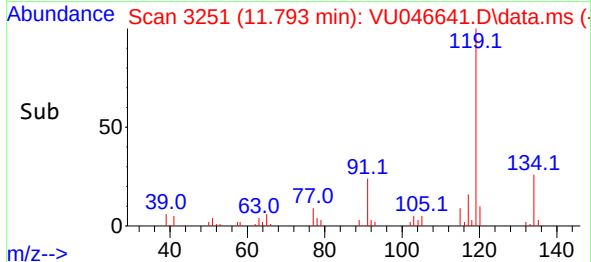
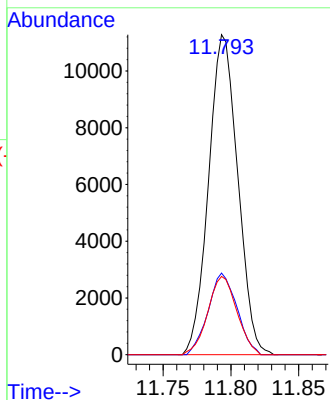
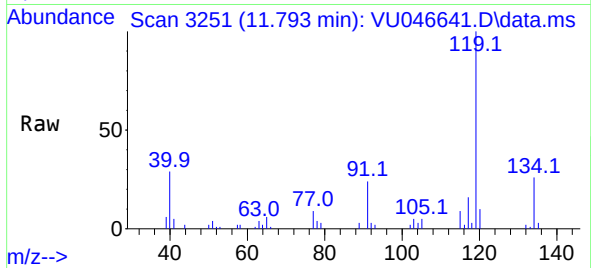




#81
p-Isopropyltoluene
Concen: 0.775 ug/l
RT: 11.793 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU046641.D
Acq: 30 Dec 2021 09:21

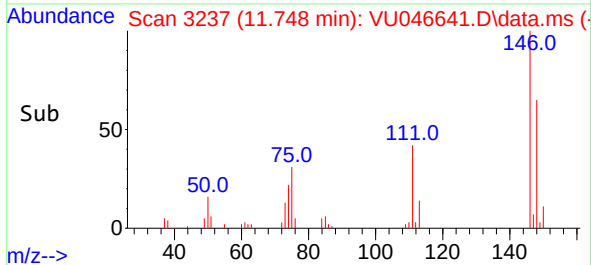
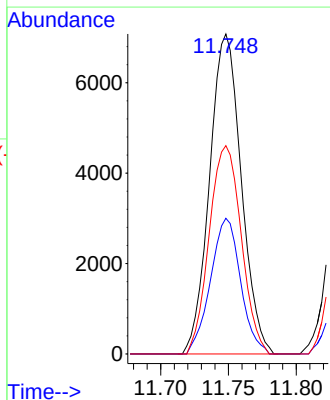
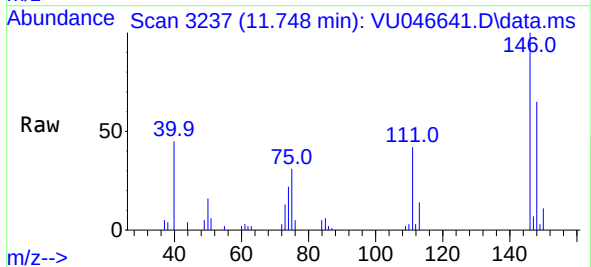
Instrument :
MSVOA_U
ClientSampleId :

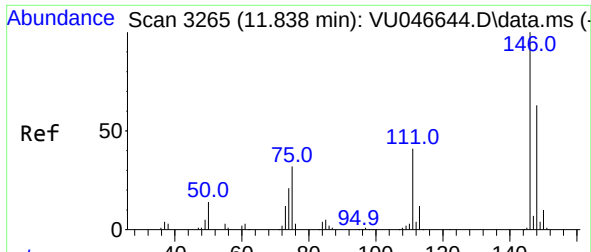
Tgt Ion:119 Resp: 16873
Ion Ratio Lower Upper
119 100
134 25.1 20.2 30.4
91 24.4 19.9 29.9



#82
1,3-Dichlorobenzene
Concen: 1.059 ug/l
RT: 11.748 min Scan# 3237
Delta R.T. 0.000 min
Lab File: VU046641.D
Acq: 30 Dec 2021 09:21

Tgt Ion:146 Resp: 11503
Ion Ratio Lower Upper
146 100
111 40.3 33.9 50.9
148 65.8 50.9 76.3

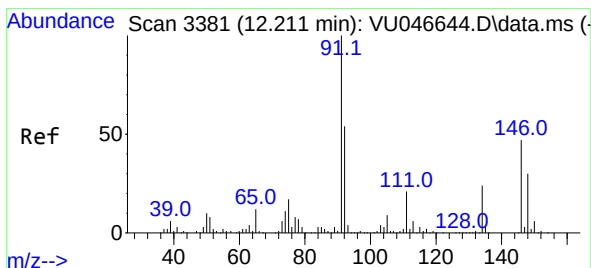
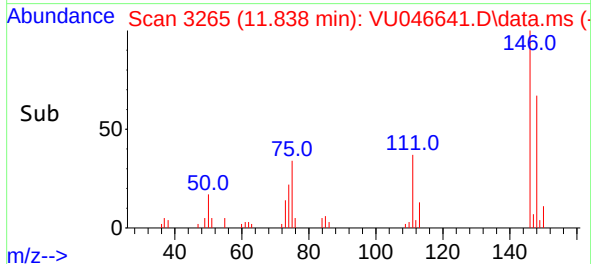
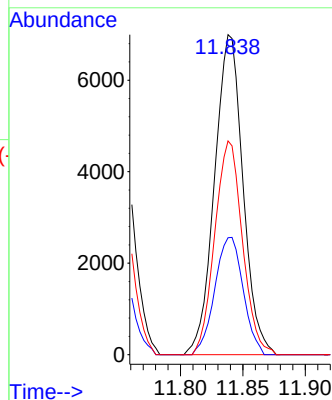
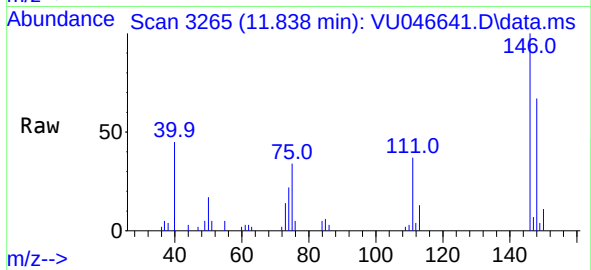




#83
1,4-Dichlorobenzene
Concen: 1.029 ug/l
RT: 11.838 min Scan# 311
Delta R.T. 0.000 min
Lab File: VU046641.D
Acq: 30 Dec 2021 09:21

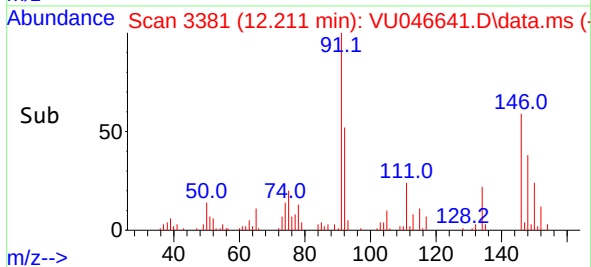
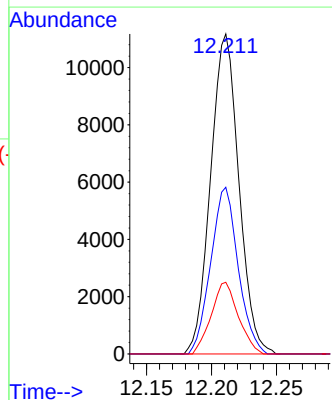
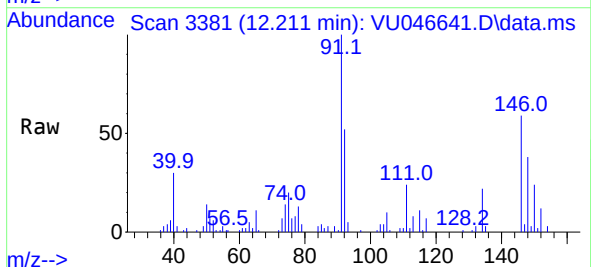
Instrument :
MSVOA_U
ClientSampleId :

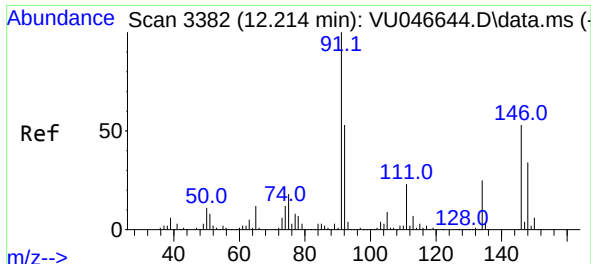
Tgt Ion:146 Resp: 11113
Ion Ratio Lower Upper
146 100
111 36.5 32.7 49.1
148 65.0 51.4 77.0



#84
n-Butylbenzene
Concen: 0.819 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. 0.000 min
Lab File: VU046641.D
Acq: 30 Dec 2021 09:21

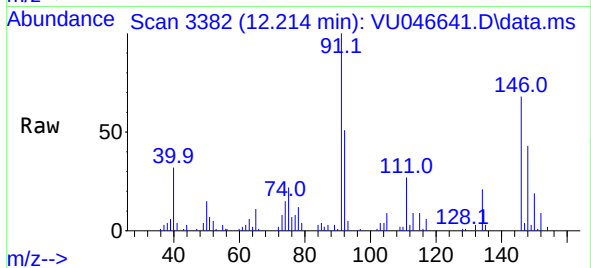
Tgt Ion: 91 Resp: 16878
Ion Ratio Lower Upper
91 100
92 50.6 43.5 65.3
134 21.5 19.0 28.4



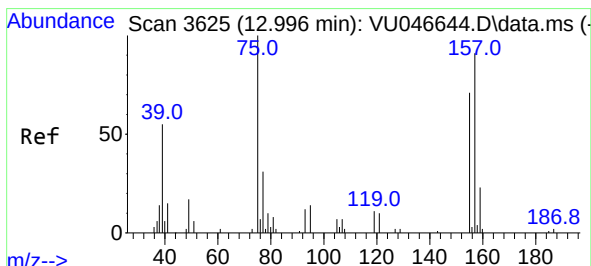
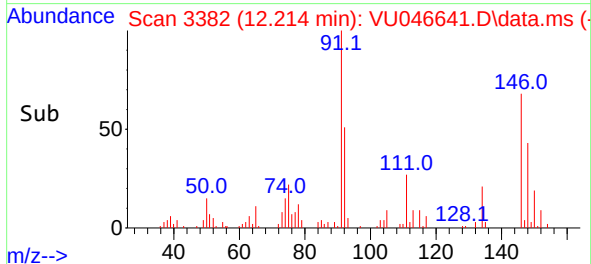
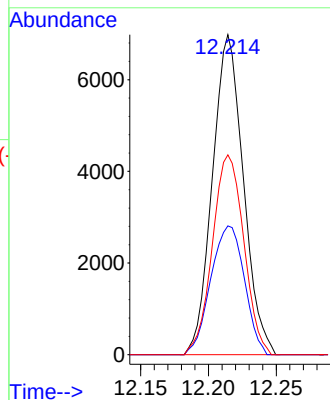


#85
1,2-Dichlorobenzene
Concen: 1.071 ug/l
RT: 12.214 min Scan# 311
Delta R.T. 0.000 min
Lab File: VU046641.D
Acq: 30 Dec 2021 09:21

Instrument :
MSVOA_U
ClientSampleId :

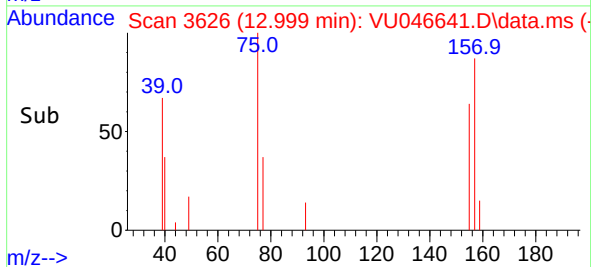
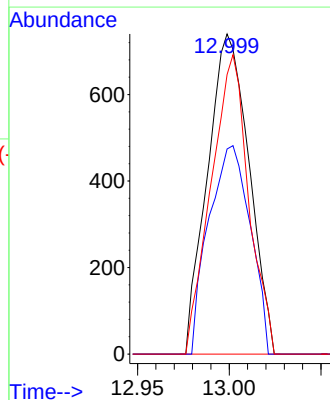
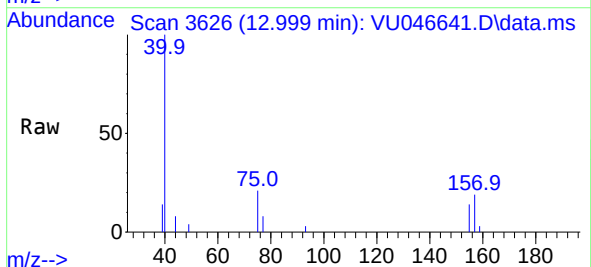


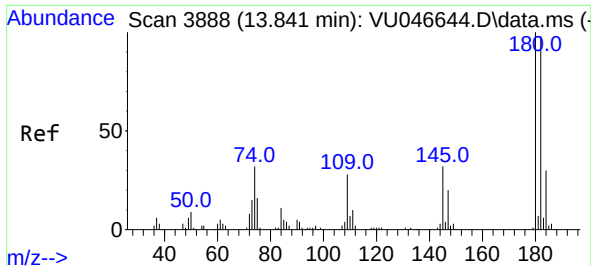
Tgt Ion:146 Resp: 11083
Ion Ratio Lower Upper
146 100
111 43.8 22.1 66.1
148 63.4 31.6 94.7



#86
1,2-Dibromo-3-Chloropropane
Concen: 1.284 ug/l
RT: 12.999 min Scan# 3626
Delta R.T. 0.003 min
Lab File: VU046641.D
Acq: 30 Dec 2021 09:21

Tgt Ion: 75 Resp: 1164
Ion Ratio Lower Upper
75 100
155 65.1 57.8 86.8
157 84.6 75.1 112.7





#87

1,2,4-Trichlorobenzene

Concen: 0.973 ug/l

RT: 13.841 min Scan# 3888

Delta R.T. 0.000 min

Lab File: VU046641.D

Acq: 30 Dec 2021 09:21

Instrument :

MSVOA_U

ClientSampleId :

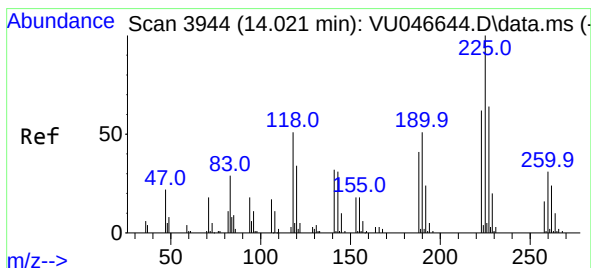
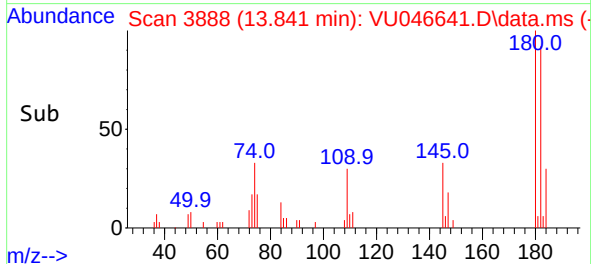
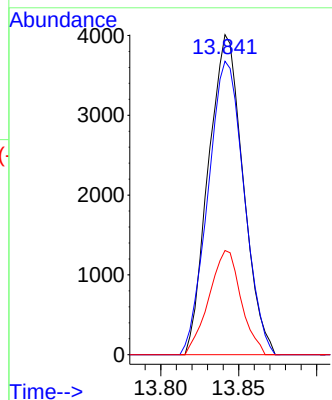
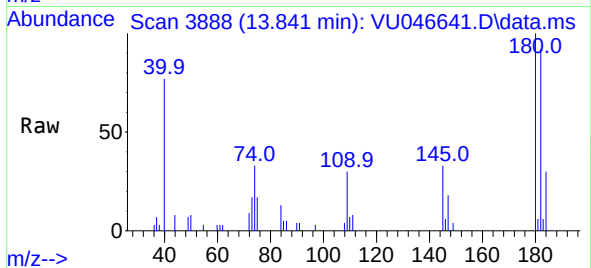
Tgt Ion:180 Resp: 6207

Ion Ratio Lower Upper

180 100

182 94.9 75.8 113.8

145 30.1 25.3 37.9



#88

Hexachlorobutadiene

Concen: 1.336 ug/l

RT: 14.024 min Scan# 3945

Delta R.T. 0.003 min

Lab File: VU046641.D

Acq: 30 Dec 2021 09:21

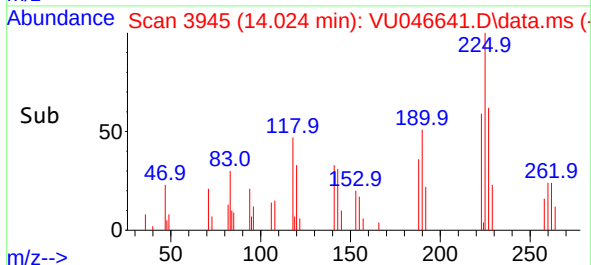
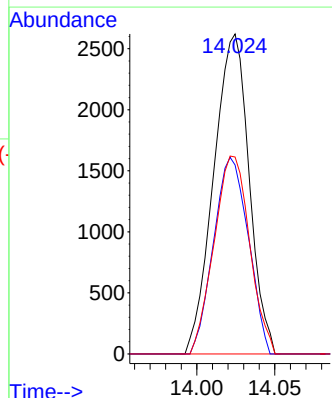
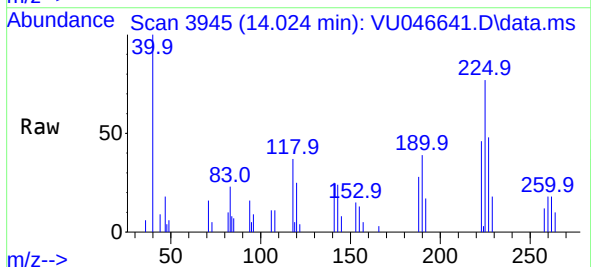
Tgt Ion:225 Resp: 4135

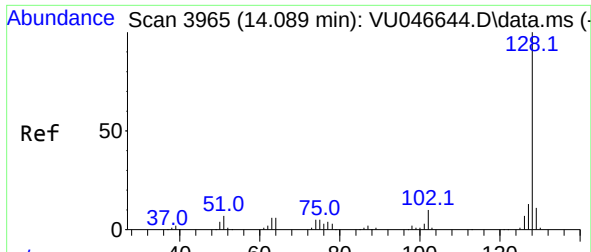
Ion Ratio Lower Upper

225 100

223 60.2 51.1 76.7

227 62.2 49.9 74.9





#89

Naphthalene

Concen: 0.774 ug/l

RT: 14.089 min Scan# 3965

Delta R.T. 0.000 min

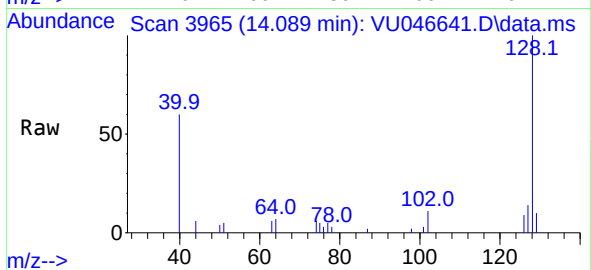
Lab File: VU046641.D

Acq: 30 Dec 2021 09:21

Instrument :

MSVOA_U

ClientSampleId :



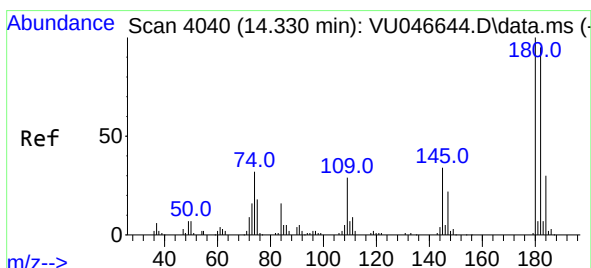
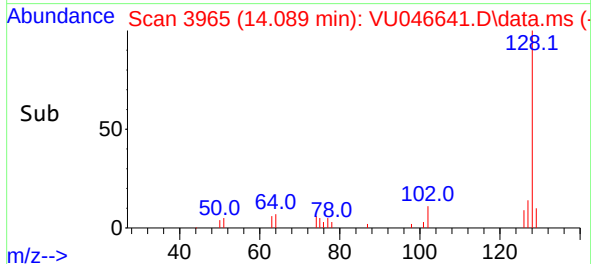
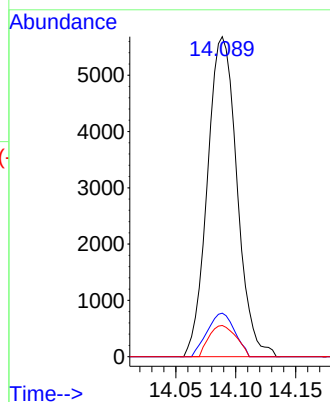
Tgt Ion:128 Resp: 9746

Ion Ratio Lower Upper

128 100

127 12.6 10.6 16.0

129 8.9 8.6 13.0



#90

1,2,3-Trichlorobenzene

Concen: 0.970 ug/l

RT: 14.333 min Scan# 4041

Delta R.T. 0.003 min

Lab File: VU046641.D

Acq: 30 Dec 2021 09:21

Tgt Ion:180 Resp: 5843

Ion Ratio Lower Upper

180 100

182 93.1 75.4 113.0

145 30.5 27.0 40.4

