

Data File : VU034470.D
Acq On : 11 Sep 2019 11:34
Operator : JC/SP
Sample : VSTDICCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Quant Time: Sep 12 02:12:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U091119DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Sep 12 02:05:08 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.72	96	66111	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.29	95	26114	1.02	ug/l	0.00
Spiked Amount	1.000		Recovery	=	102.00%	
68) 1,2-Dichlorobenzene-d4	11.84	152	27461	1.02	ug/l	0.00
Spiked Amount	1.000		Recovery	=	102.00%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	235162	8.728	ug/l 100
3) Chloromethane	1.33	50	248944	8.393	ug/l 100
4) Vinyl Chloride	1.40	62	256626	7.852	ug/l 100
5) Bromomethane	1.62	94	143328	7.030	ug/l 100
6) Chloroethane	1.69	64	147609	6.673	ug/l 100
7) Trichlorofluoromethane	1.88	101	312584	7.065	ug/l 100
8) 1,1,2-Trichloro-1,2,2-trif	2.28	101	169358	7.355	ug/l 100
9) 1,1-Dichloroethene	2.28	96	170796	7.524	ug/l 100
10) Iodomethane	2.40	142	201320	6.786	ug/l 100
11) Allyl Chloride	2.58	41	283524	7.572	ug/l 100
12) Acrylonitrile	2.92	53	70281	11.405	ug/l 100
13) Acetone	2.31	43	146698	27.790	ug/l 100
14) Carbon Disulfide	2.47	76	601459	7.028	ug/l 100
15) Methylene Chloride	2.69	84	185104	6.100	ug/l 100
16) trans-1,2-Dichloroethene	2.96	96	187213	6.985	ug/l 100
17) 1,1-Dichloroethane	3.42	63	366865	9.697	ug/l 100
18) 2-Butanone	4.25	43	242330	46.246	ug/l 100
19) Cyclohexane	4.97	56	281657	10.018	ug/l 88
20) Methylcyclohexane	6.39	83	335230	11.838	ug/l 100
21) 2,2-Dichloropropane	4.20	77	302904	9.427	ug/l 100
22) cis-1,2-Dichloroethene	4.20	96	216298	10.140	ug/l 100
23) Diethyl Ether	2.10	59	129886	6.772	ug/l 100
24) tert-Butyl Alcohol	2.82	59	134148	46.036	ug/l 100
25) Methyl tert-Butyl Ether	2.99	73	417626	6.542	ug/l 100
26) Bromochloromethane	4.52	128	88347	9.505	ug/l 100
27) Chloroform	4.65	83	354516	8.328	ug/l 100
28) 1,1,1-Trichloroethane	4.89	97	301982	9.175	ug/l 100
29) 1,1-Dichloropropene	5.11	75	273465	10.002	ug/l 100
30) Carbon Tetrachloride	5.11	117	272507	9.372	ug/l 100
31) Isopropyl Ether	3.56	45	553185	11.322	ug/l 100
32) Ethyl-t-butyl ether	4.05	59	480979	10.470	ug/l 100
33) Tert-Amyl methyl ether	5.56	73	415430	10.244	ug/l 100
34) Propionitrile	4.31	54	67810	45.777	ug/l 100
35) Benzene	5.37	78	808179	10.175	ug/l 100
36) 1,2-Dichloroethane	5.38	62	205165	8.051	ug/l 100
37) Trichloroethene	6.16	130	224599	10.596	ug/l 100
38) 1,2-Dichloropropane	6.41	63	210597	9.674	ug/l 100
39) Methacrylonitrile	4.53	41	54652	9.180	ug/l 100
40) Methyl acrylate	4.41	55	88495	9.574	ug/l 100
41) Tetrahydrofuran	4.63	42	56591	19.035	ug/l 100
42) 1-Chlorobutane	5.04	56	385288	10.441	ug/l 100

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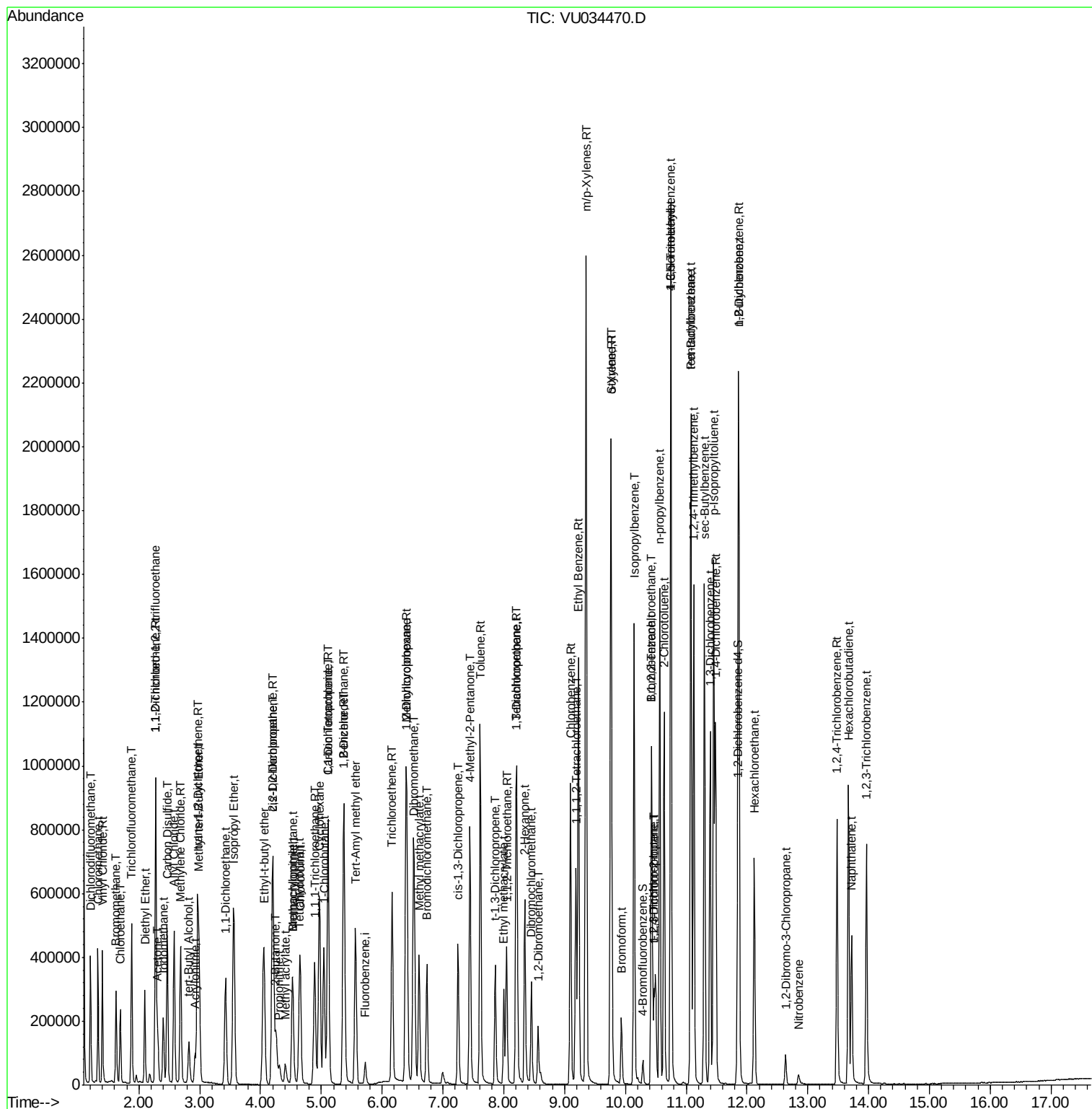
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.54	93	95689	8.173	ug/l	100
44) Bromodichloromethane	6.74	83	251763	8.785	ug/l	100
45) 4-Methyl-2-Pentanone	7.44	43	541218	45.513	ug/l	100
46) t-1,4-Dichloro-2-butene	10.47	75	109660	23.282	ug/l #	79
47) Methyl methacrylate	6.61	69	173755	19.406	ug/l	100
48) Ethyl methacrylate	8.00	69	159630	10.055	ug/l	100
49) Toluene	7.62	92	499625	10.982	ug/l	100
50) t-1,3-Dichloropropene	7.86	75	219706	9.254	ug/l	100
51) cis-1,3-Dichloropropene	7.25	75	277408	9.736	ug/l	100
52) 1,1,2-Trichloroethane	8.04	97	133011	8.464	ug/l	100
53) 1,3-Dichloropropane	8.22	76	231453	8.695	ug/l	100
54) 2-Hexanone	8.34	43	376440	45.135	ug/l	100
55) Dibromochloromethane	8.46	129	169569	9.158	ug/l	100
56) 1,2-Dibromoethane	8.57	107	124895	8.540	ug/l	100
58) Tetrachloroethene	8.21	164	212215	10.980	ug/l	100
59) Chlorobenzene	9.10	112	538102	10.346	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.19	131	190962	9.678	ug/l	100
61) Pentachloroethane	11.08	117	150079	9.313	ug/l	100
62) Hexachloroethane	12.12	117	137150	8.921	ug/l	100
63) Ethyl Benzene	9.23	91	936282	11.201	ug/l	100
64) m/p-Xylenes	9.35	106	759009	22.657	ug/l	100
65) o-Xylene	9.76	106	357960	11.164	ug/l	100
66) Styrene	9.77	104	618216	11.419	ug/l	100
67) Bromoform	9.94	173	99747	9.863	ug/l	100
69) Isopropylbenzene	10.14	105	937211	11.369	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.44	83	172421	8.296	ug/l	100
71) 1,2,3-Trichloropropane	10.47	75	109660	6.808	ug/l #	90
72) Bromobenzene	10.43	156	235330	10.789	ug/l	100
73) n-propylbenzene	10.57	120	275767	11.711	ug/l	100
74) 2-Chlorotoluene	10.64	126	235770	11.031	ug/l	100
75) 1,3,5-Trimethylbenzene	10.75	105	850604	11.538	ug/l	100
76) 4-Chlorotoluene	10.75	126	238221	10.761	ug/l	100
77) tert-Butylbenzene	11.08	119	806769	11.437	ug/l	100
78) 1,2,4-Trimethylbenzene	11.13	105	867714	11.535	ug/l	100
79) sec-Butylbenzene	11.30	105	1081350	11.243	ug/l	100
80) Nitrobenzene	12.85	77	22060	26.216	ug/l	100
81) p-Isopropyltoluene	11.45	119	929988	11.828	ug/l	100
82) 1,3-Dichlorobenzene	11.40	146	481580	10.418	ug/l	100
83) 1,4-Dichlorobenzene	11.49	146	481561	10.553	ug/l	100
84) n-Butylbenzene	11.87	91	853826	10.774	ug/l	100
85) 1,2-Dichlorobenzene	11.85	146	434528	10.089	ug/l	100
86) 1,2-Dibromo-3-Chloropropan	12.63	75	25920	8.035	ug/l	100
87) 1,2,4-Trichlorobenzene	13.48	180	283428	11.039	ug/l	100
88) Hexachlorobutadiene	13.67	225	189625	11.543	ug/l	100
89) Naphthalene	13.72	128	407743	9.656	ug/l	100
90) 1,2,3-Trichlorobenzene	13.96	180	265090	10.699	ug/l	100

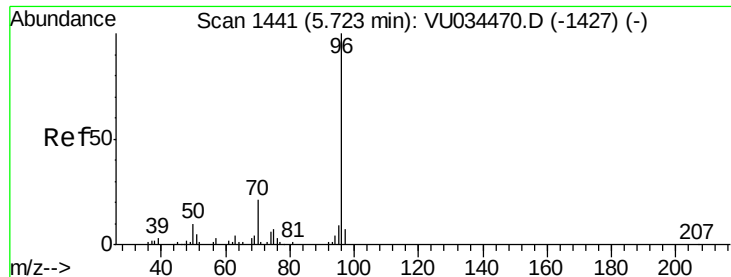
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 5.72 min Scan# 1441

Delta R.T. 0.00 min

Lab File: VU034470.D

Acq: 11 Sep 2019 11:34

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tgt Ion: 96 Resp: 66111

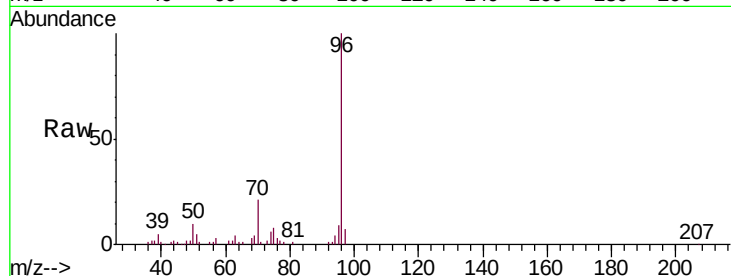
Ion Ratio Lower Upper

96 100

70 20.6 16.5 24.7

95 8.8 7.0 10.6

97 0.0 0.0 0.0

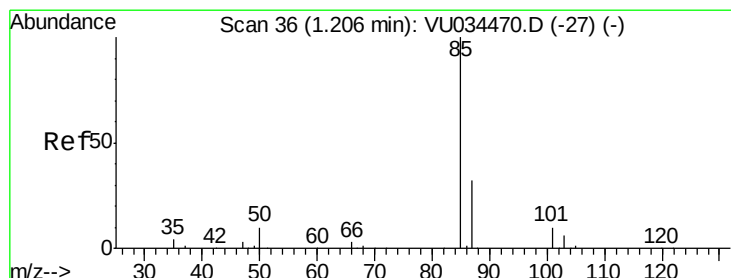
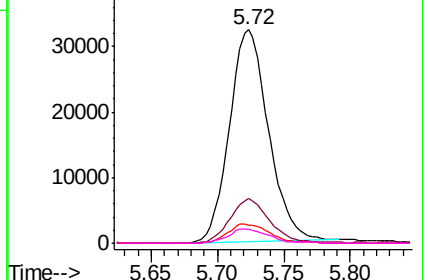
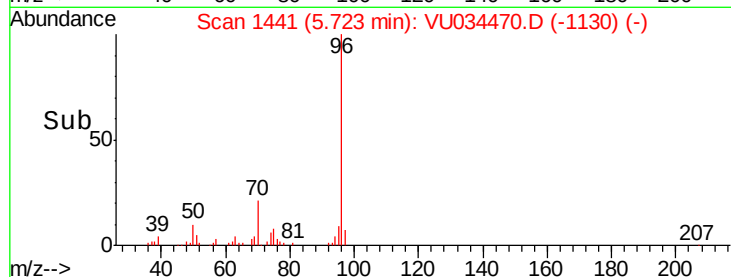


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0



#2

Dichlorodifluoromethane

Concen: 8.728 ug/l

RT: 1.21 min Scan# 36

Delta R.T. 0.00 min

Lab File: VU034470.D

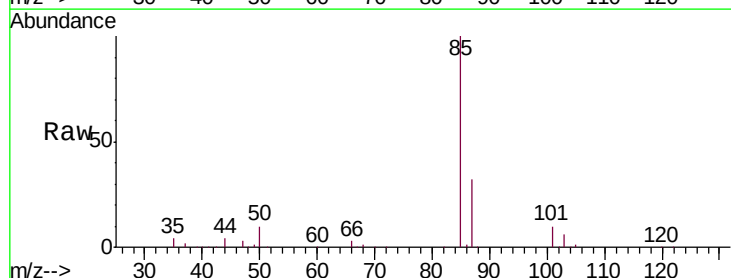
Acq: 11 Sep 2019 11:34

Tgt Ion: 85 Resp: 235162

Ion Ratio Lower Upper

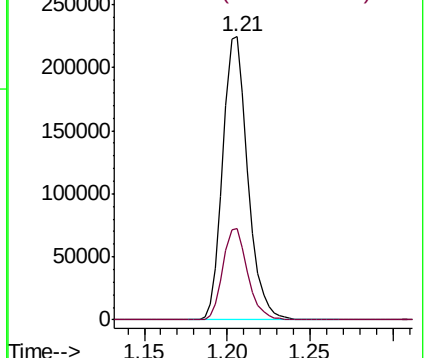
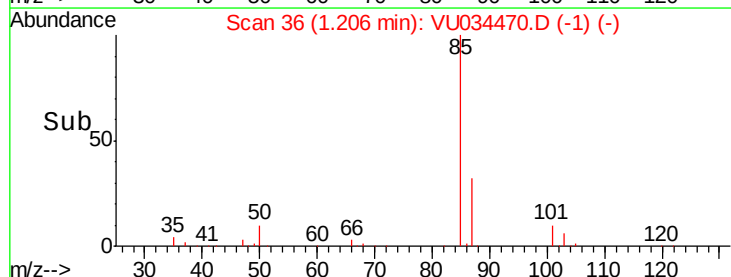
85 100

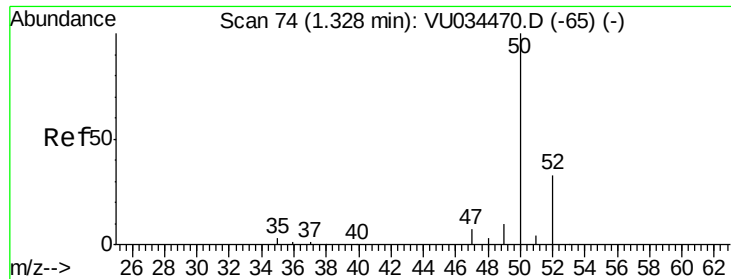
87 32.2 16.1 48.3



Abundance Ion 85.00 (84.70 to 85.70): VU0

Ion 87.00 (86.70 to 87.70): VU0





#3

Chloromethane

Concen: 8.393 ug/l

RT: 1.33 min Scan# 74

Delta R.T. 0.00 min

Lab File: VU034470.D

Acq: 11 Sep 2019 11:34

Instrument :

MSVOA_U

ClientSampleId :

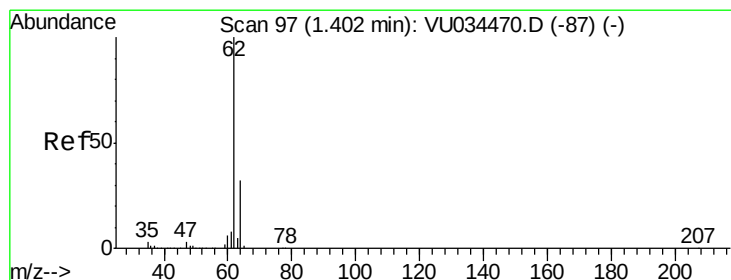
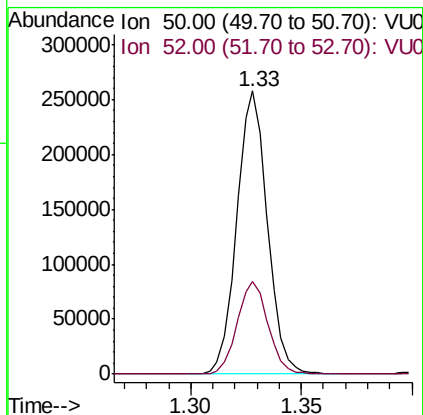
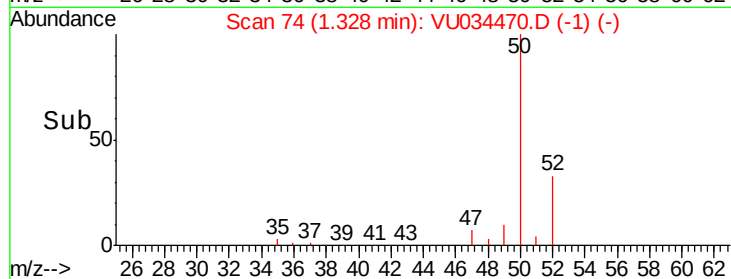
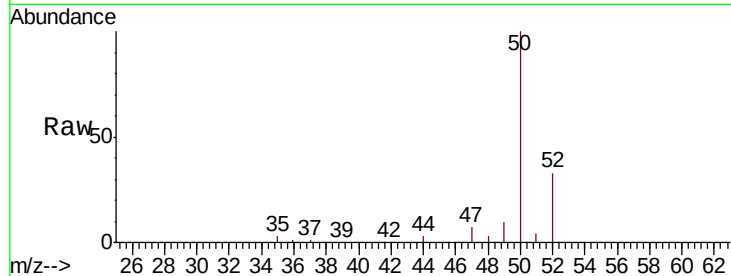
VSTDICCC010

Tgt Ion: 50 Resp: 248944

Ion Ratio Lower Upper

50 100

52 32.8 26.2 39.4



#4

Vinyl Chloride

Concen: 7.852 ug/l

RT: 1.40 min Scan# 97

Delta R.T. 0.00 min

Lab File: VU034470.D

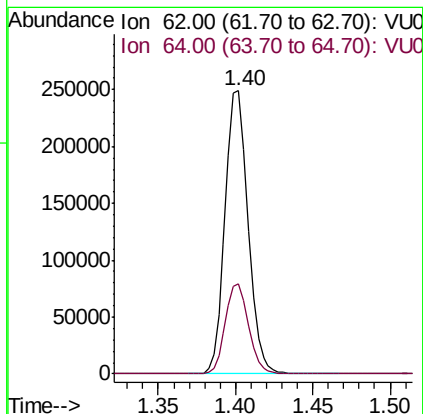
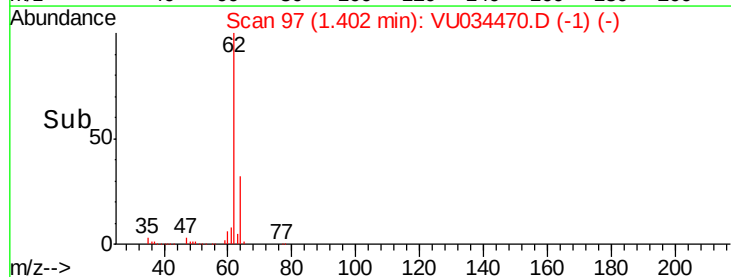
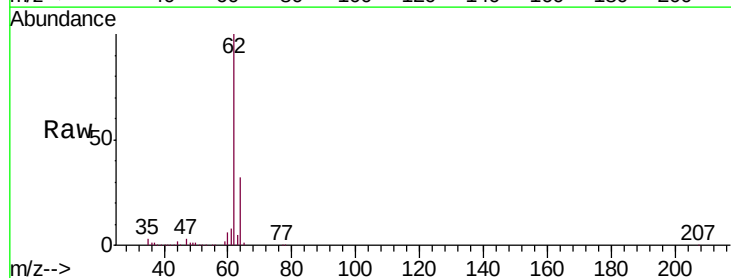
Acq: 11 Sep 2019 11:34

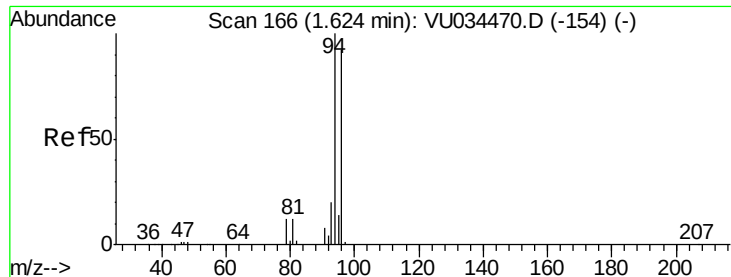
Tgt Ion: 62 Resp: 256626

Ion Ratio Lower Upper

62 100

64 31.7 25.4 38.0





#5

Bromomethane

Concen: 7.030 ug/l

RT: 1.62 min Scan# 166

Delta R.T. 0.00 min

Lab File: VU034470.D

Acq: 11 Sep 2019 11:34

Instrument :

MSVOA_U

ClientSampleId :

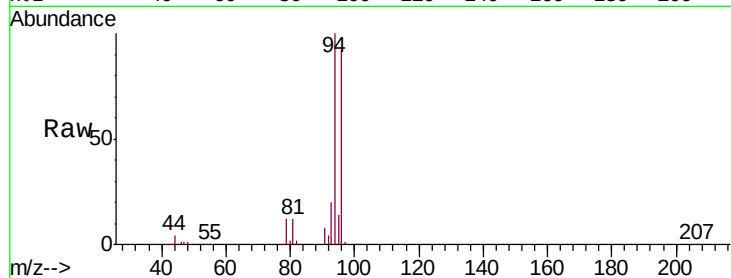
VSTDICCC010

Tgt Ion: 94 Resp: 143328

Ion Ratio Lower Upper

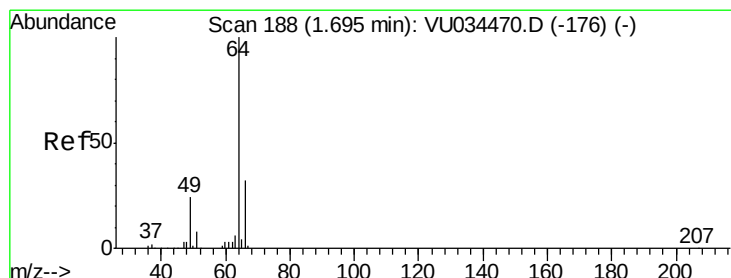
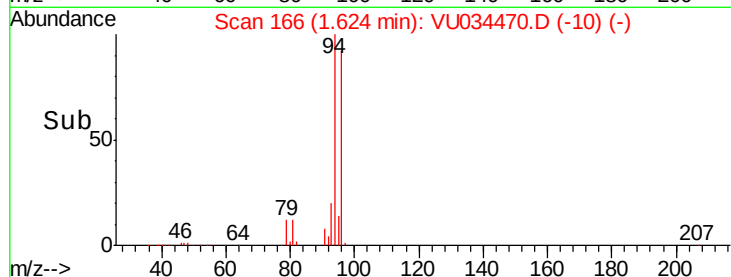
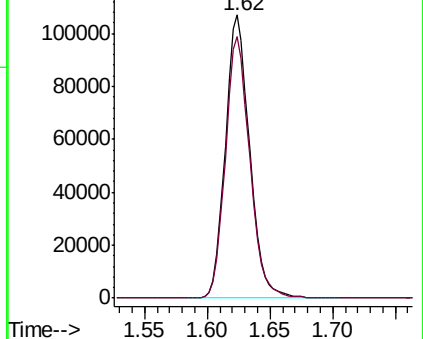
94 100

96 92.3 73.8 110.8



Abundance Ion 94.00 (93.70 to 94.70): VU034470.D (-154) (-)

Ion 96.00 (95.70 to 96.70): VU034470.D (-154) (-)



#6

Chloroethane

Concen: 6.673 ug/l

RT: 1.69 min Scan# 188

Delta R.T. 0.00 min

Lab File: VU034470.D

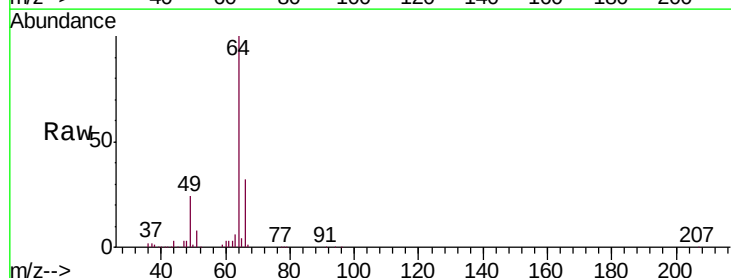
Acq: 11 Sep 2019 11:34

Tgt Ion: 64 Resp: 147609

Ion Ratio Lower Upper

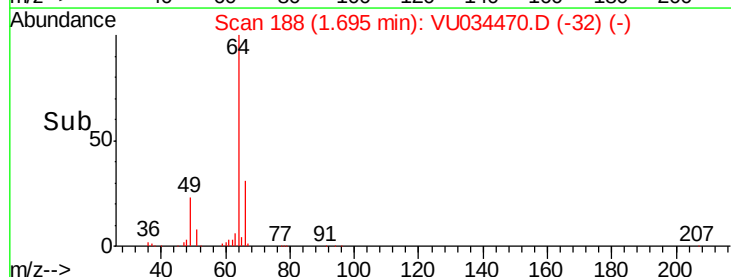
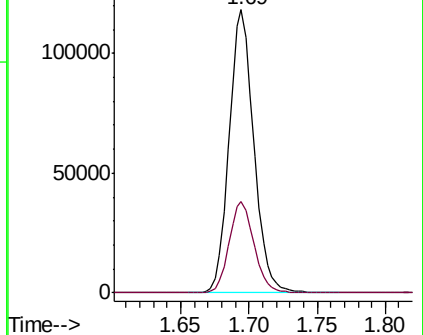
64 100

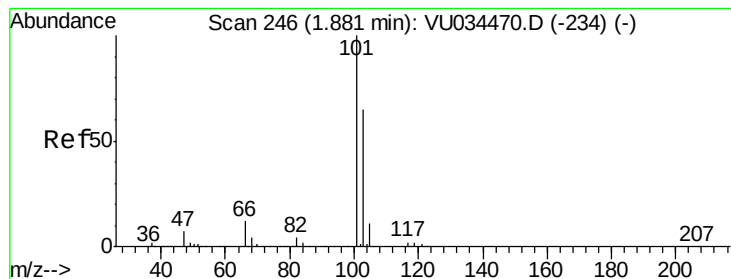
66 32.3 25.8 38.8



Abundance Ion 64.00 (63.70 to 64.70): VU034470.D (-176) (-)

Ion 66.00 (65.70 to 66.70): VU034470.D (-176) (-)



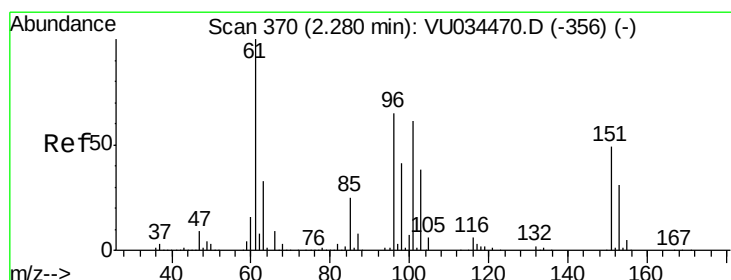
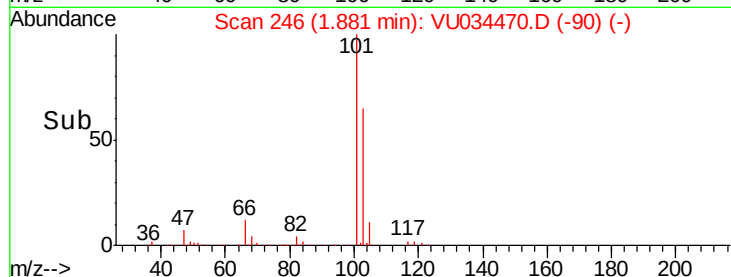
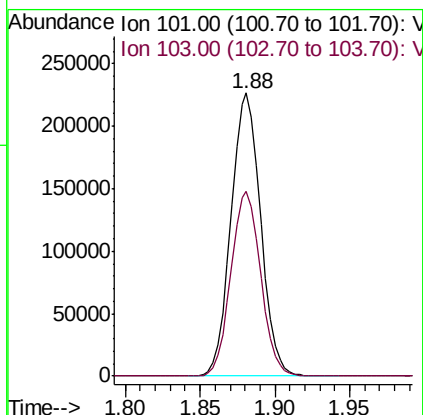
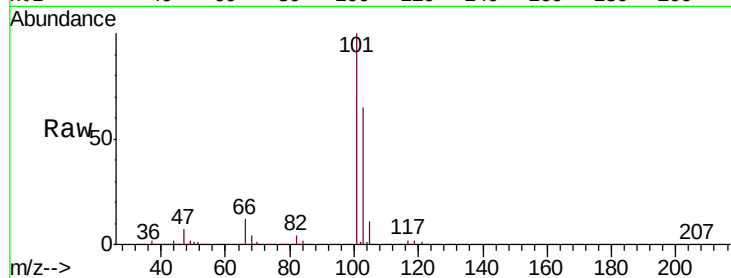


#7

Trichlorofluoromethane
Concen: 7.065 ug/l
RT: 1.88 min Scan# 246
Delta R.T. 0.00 min
Lab File: VU034470.D
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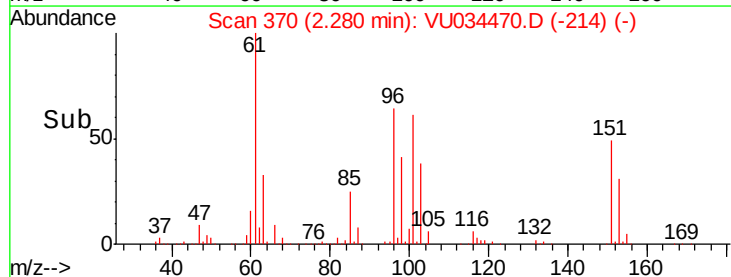
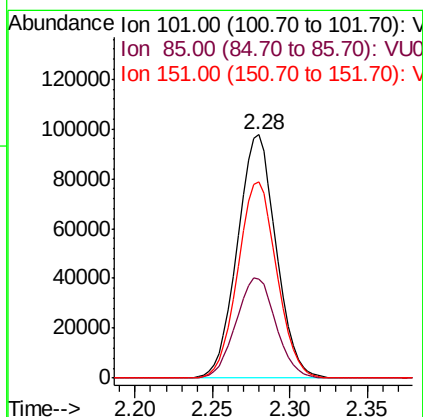
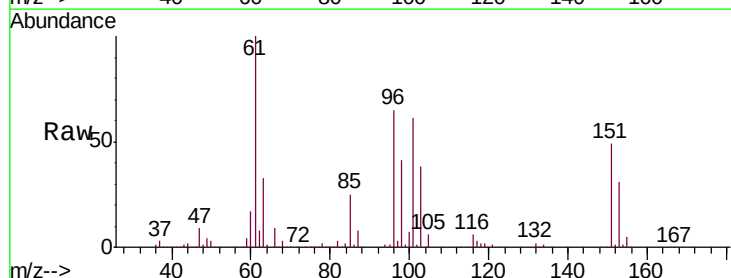
Tgt Ion:101 Resp: 312584
Ion Ratio Lower Upper
101 100
103 65.3 52.2 78.4

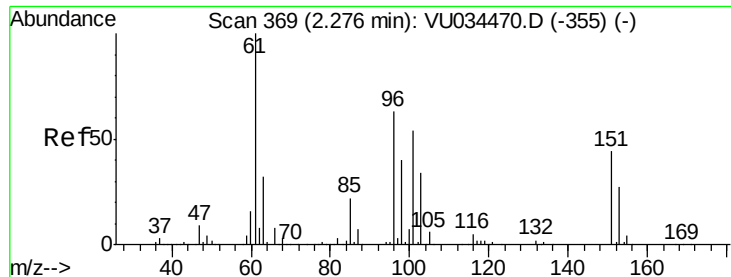


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 7.355 ug/l
RT: 2.28 min Scan# 370
Delta R.T. 0.00 min
Lab File: VU034470.D
Acq: 11 Sep 2019 11:34

Tgt Ion:101 Resp: 169358
Ion Ratio Lower Upper
101 100
85 42.7 34.2 51.2
151 81.5 65.2 97.8





#9

1,1-Dichloroethene

Concen: 7.524 ug/l

RT: 2.28 min Scan# 369

Delta R.T. 0.00 min

Lab File: VU034470.D

Acq: 11 Sep 2019 11:34

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

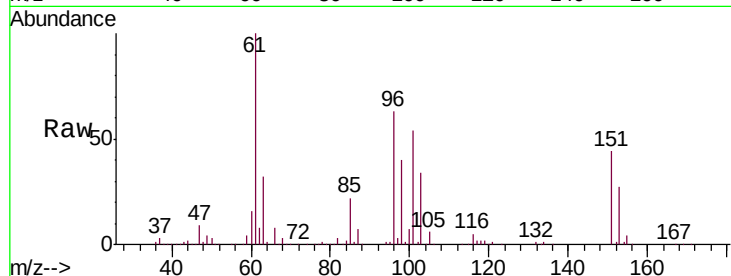
Tgt Ion: 96 Resp: 170796

Ion Ratio Lower Upper

96 100

61 158.5 0.0 475.5

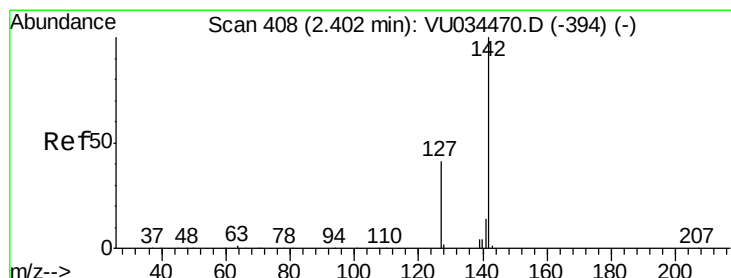
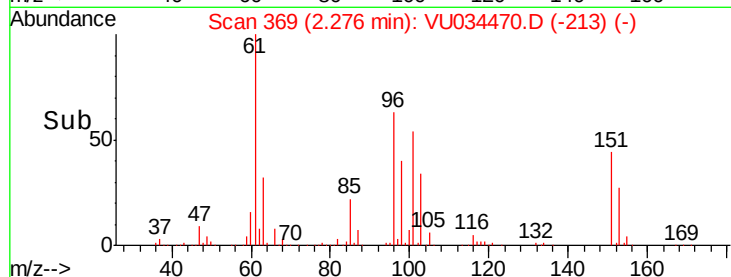
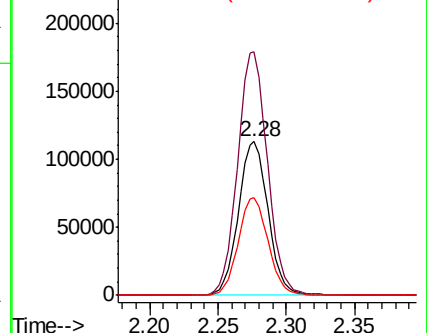
98 63.8 0.0 127.6



Abundance Ion 96.00 (95.70 to 96.70): VU034470.D (-355) (-)

Ion 61.00 (60.70 to 61.70): VU034470.D (-355) (-)

Ion 98.00 (97.70 to 98.70): VU034470.D (-355) (-)



#10

Iodomethane

Concen: 6.786 ug/l

RT: 2.40 min Scan# 408

Delta R.T. 0.00 min

Lab File: VU034470.D

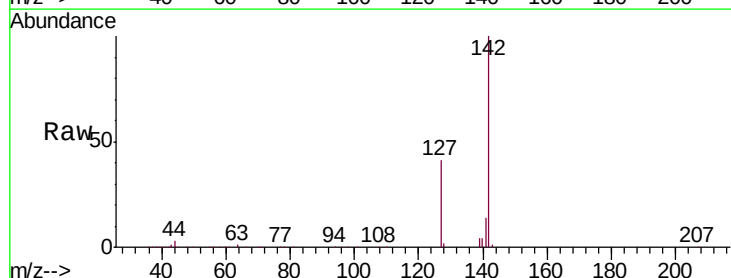
Acq: 11 Sep 2019 11:34

Tgt Ion: 142 Resp: 201320

Ion Ratio Lower Upper

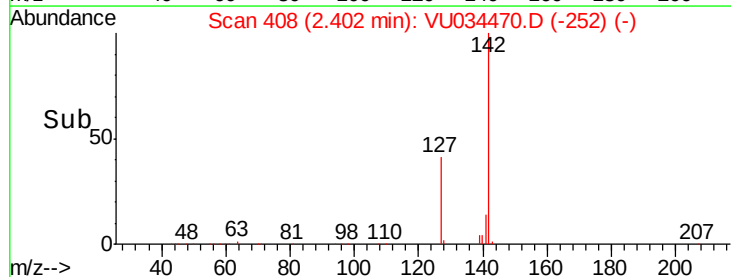
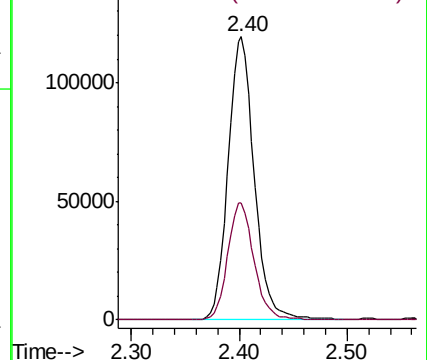
142 100

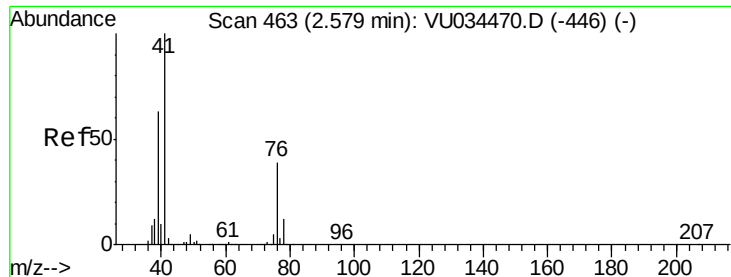
127 41.3 33.0 49.6



Abundance Ion 142.00 (141.70 to 142.70): VU034470.D (-394) (-)

Ion 127.00 (126.70 to 127.70): VU034470.D (-394) (-)

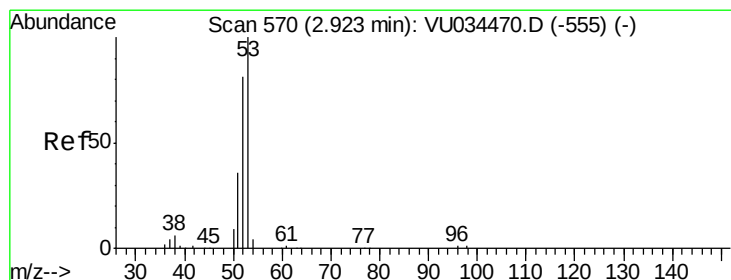
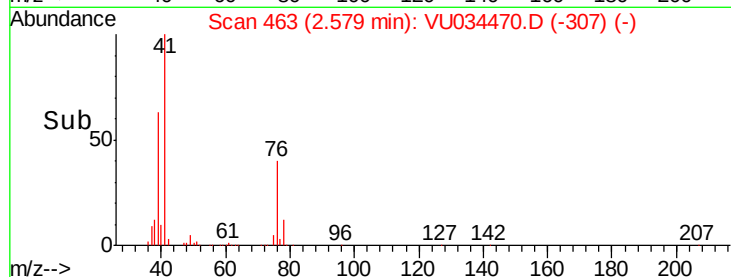
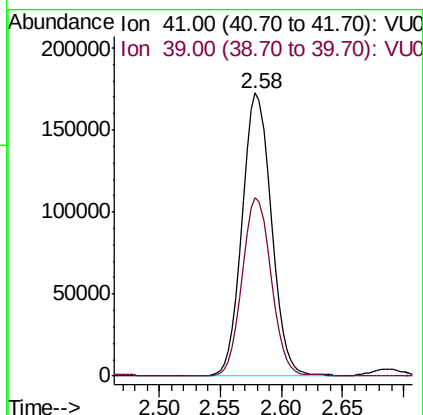
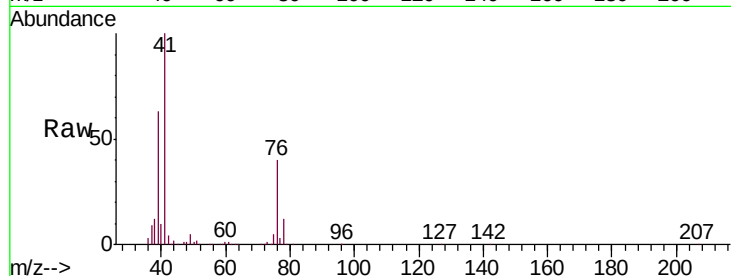




#11
 Allyl Chloride
 Concen: 7.572 ug/l
 RT: 2.58 min Scan# 463
 Delta R.T. 0.00 min
 Lab File: VU034470.D
 Acq: 11 Sep 2019 11:34

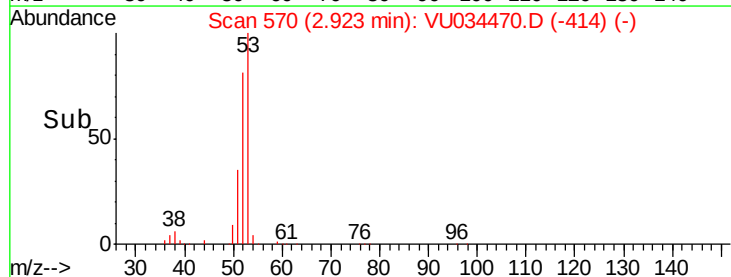
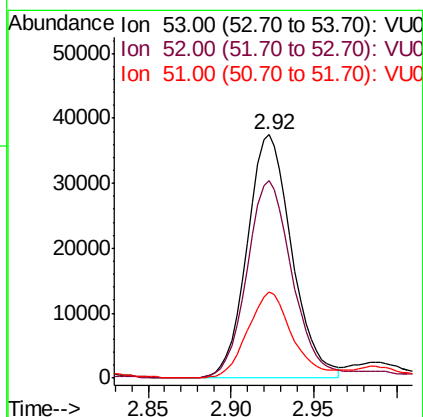
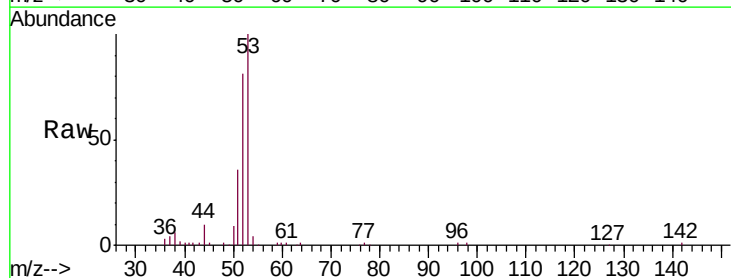
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

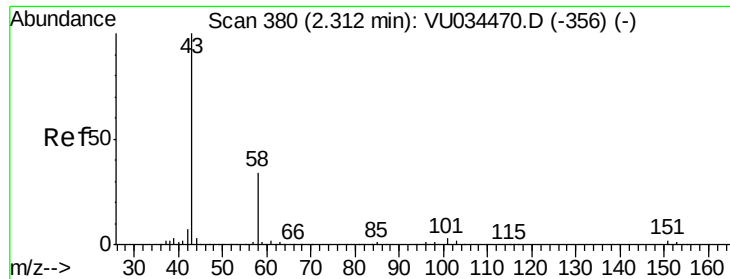
Tgt Ion: 41 Resp: 283524
 Ion Ratio Lower Upper
 41 100
 39 62.7 50.2 75.2



#12
 Acrylonitrile
 Concen: 11.405 ug/l
 RT: 2.92 min Scan# 570
 Delta R.T. 0.00 min
 Lab File: VU034470.D
 Acq: 11 Sep 2019 11:34

Tgt Ion: 53 Resp: 70281
 Ion Ratio Lower Upper
 53 100
 52 83.6 66.9 100.3
 51 35.5 28.4 42.6





#13

Acetone

Concen: 27.790 ug/l

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VU034470.D

Acq: 11 Sep 2019 11:34

Instrument :

MSVOA_U

ClientSampleId :

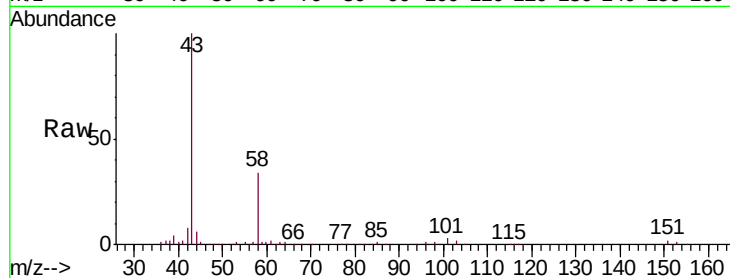
VSTDICCC010

Tgt Ion: 43 Resp: 146698

Ion Ratio Lower Upper

43 100

58 33.6 26.9 40.3



Abundance Ion 43.00 (42.70 to 43.70): VU034470.D (-356) (-)

Ion 58.00 (57.70 to 58.70): VU034470.D (-356) (-)

2.31

80000

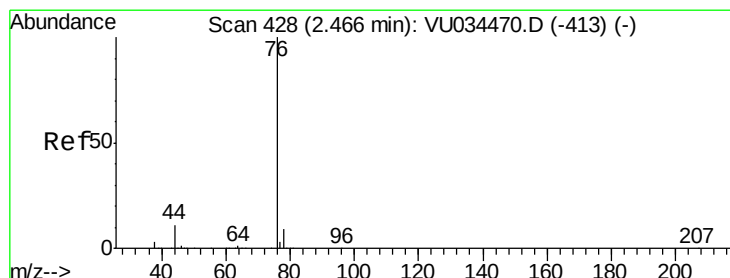
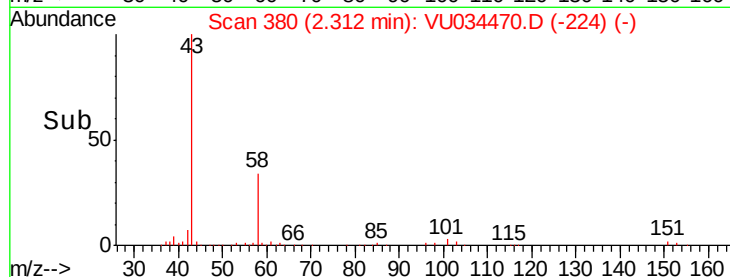
60000

40000

20000

0

Time-->



#14

Carbon Disulfide

Concen: 7.028 ug/l

RT: 2.47 min Scan# 428

Delta R.T. 0.00 min

Lab File: VU034470.D

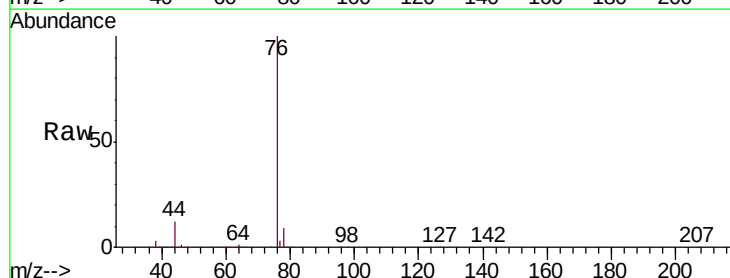
Acq: 11 Sep 2019 11:34

Tgt Ion: 76 Resp: 601459

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VU034470.D (-413) (-)

Ion 78.00 (77.70 to 78.70): VU034470.D (-413) (-)

2.47

400000

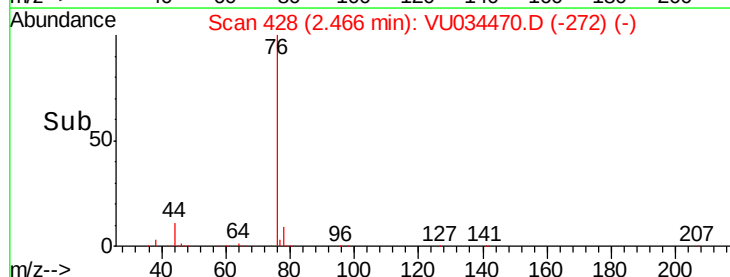
300000

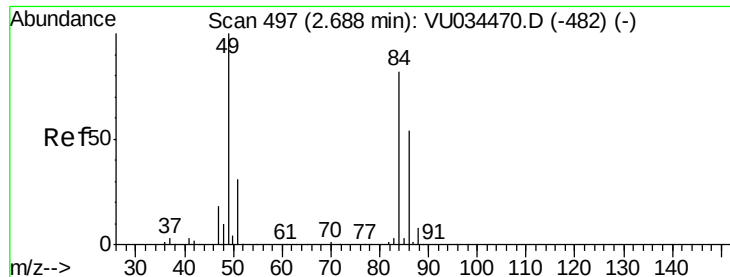
200000

100000

0

Time-->

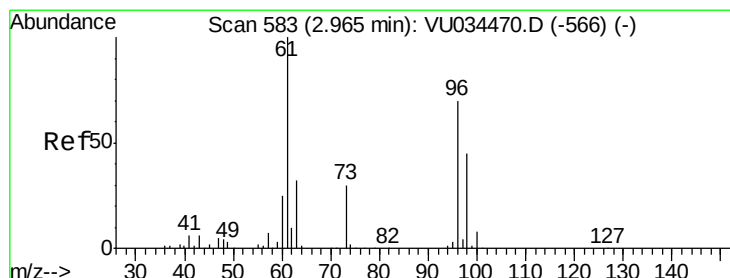
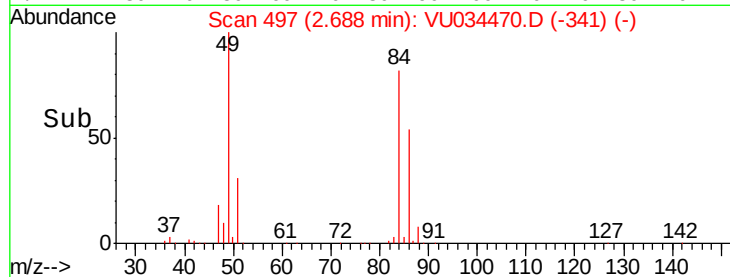
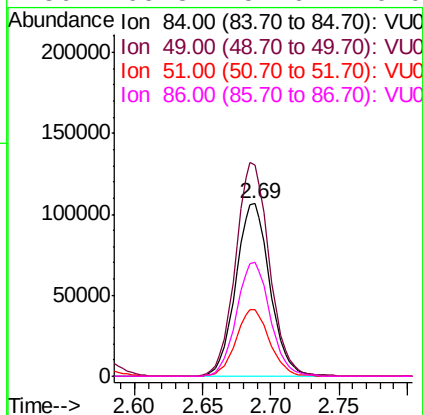
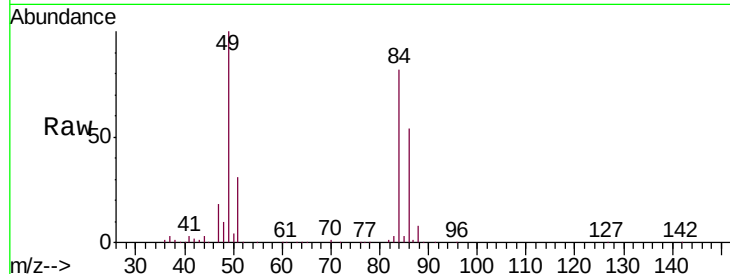




#15
Methylene Chloride
Concen: 6.100 ug/l
RT: 2.69 min Scan# 497
Delta R.T. 0.00 min
Lab File: VU034470.D
Acq: 11 Sep 2019 11:34

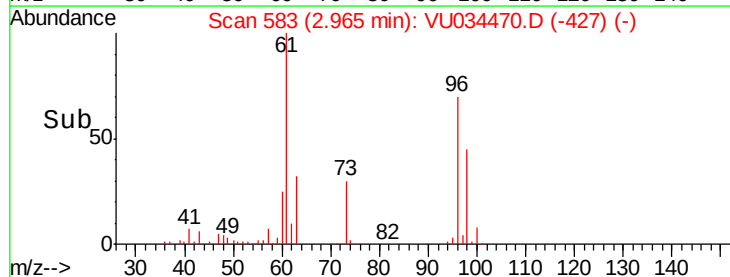
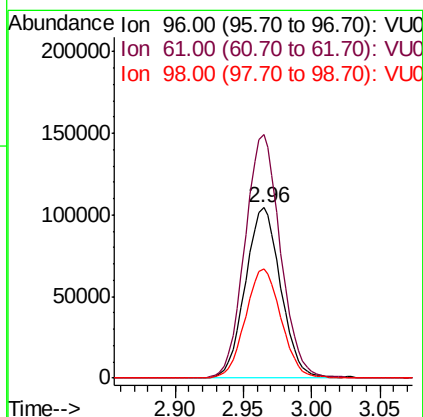
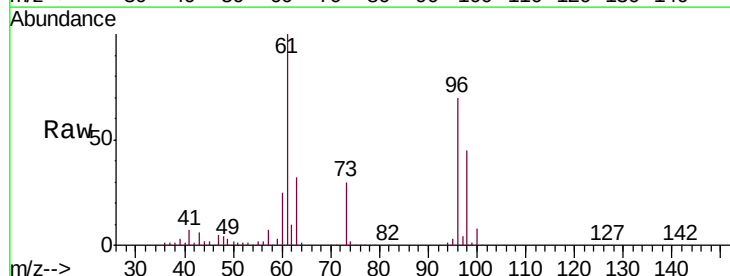
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

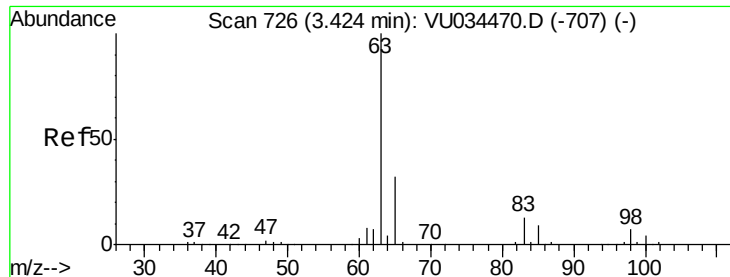
Tgt Ion: 84 Resp: 185104
Ion Ratio Lower Upper
84 100
49 122.2 97.8 146.6
51 38.2 0.0 76.4
86 65.8 52.6 79.0



#16
trans-1,2-Dichloroethene
Concen: 6.985 ug/l
RT: 2.96 min Scan# 583
Delta R.T. 0.00 min
Lab File: VU034470.D
Acq: 11 Sep 2019 11:34

Tgt Ion: 96 Resp: 187213
Ion Ratio Lower Upper
96 100
61 143.1 114.5 171.7
98 64.0 51.2 76.8

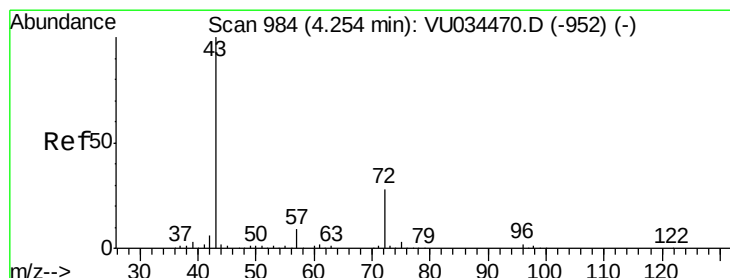
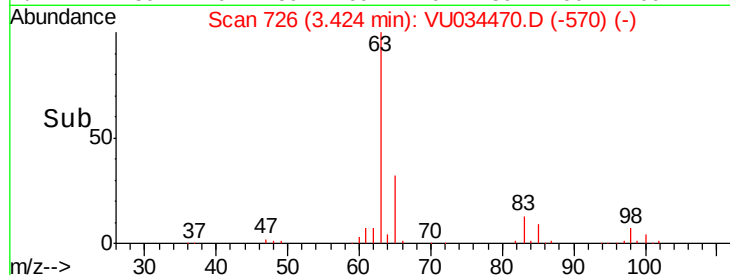
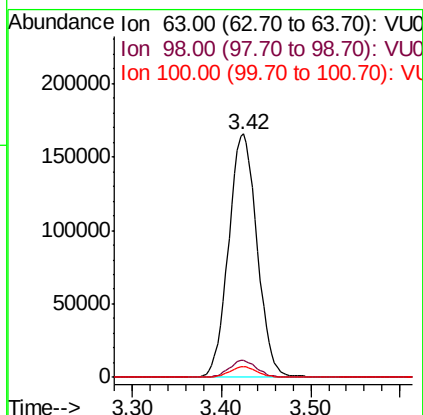
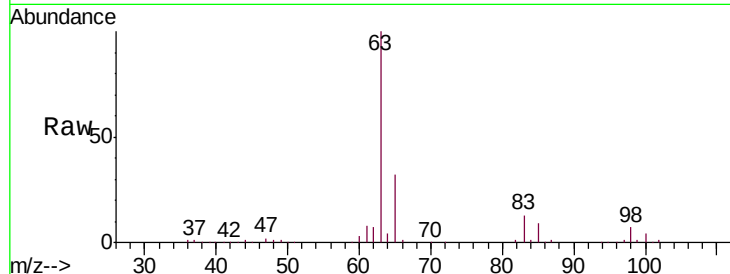




#17
 1,1-Dichloroethane
 Concen: 9.697 ug/l
 RT: 3.42 min Scan# 726
 Delta R.T. 0.00 min
 Lab File: VU034470.D
 Acq: 11 Sep 2019 11:34

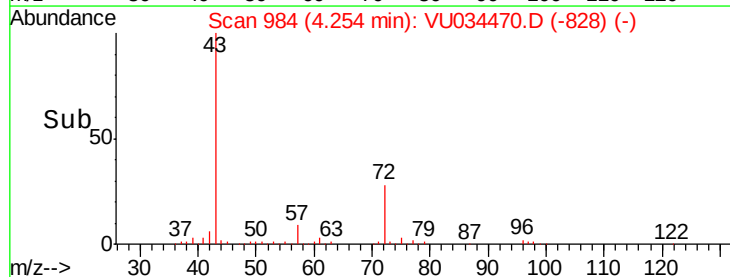
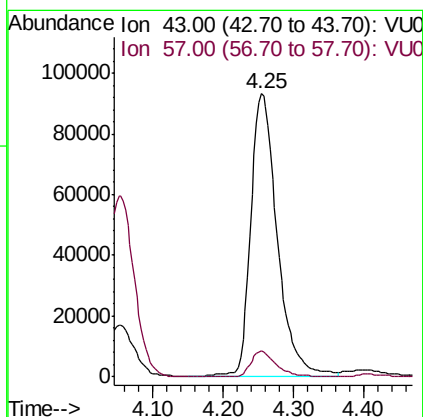
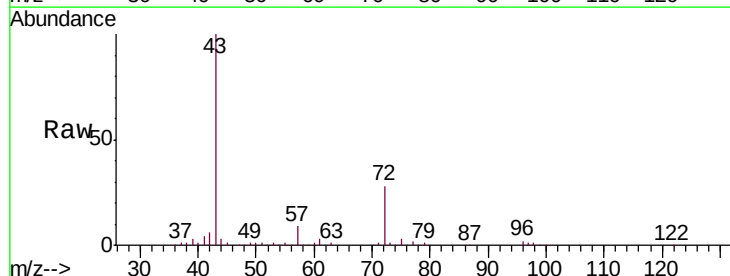
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

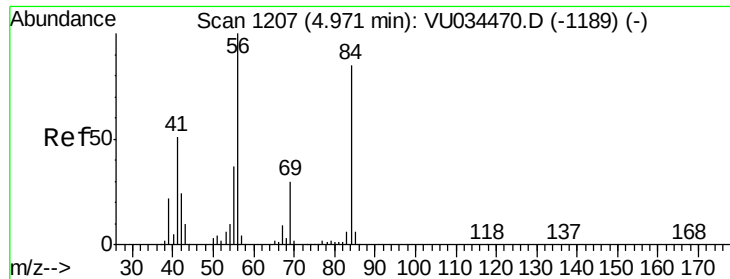
Tgt Ion: 63 Resp: 366865
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.5 10.4
 100 4.5 2.3 6.8



#18
 2-Butanone
 Concen: 46.246 ug/l
 RT: 4.25 min Scan# 984
 Delta R.T. 0.00 min
 Lab File: VU034470.D
 Acq: 11 Sep 2019 11:34

Tgt Ion: 43 Resp: 242330
 Ion Ratio Lower Upper
 43 100
 57 8.9 0.0 17.8

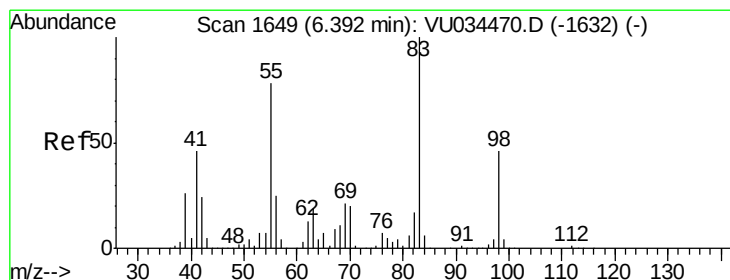
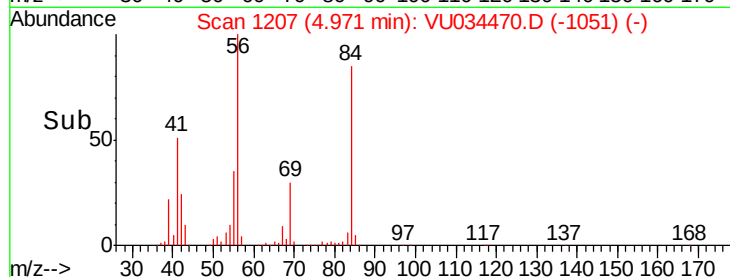
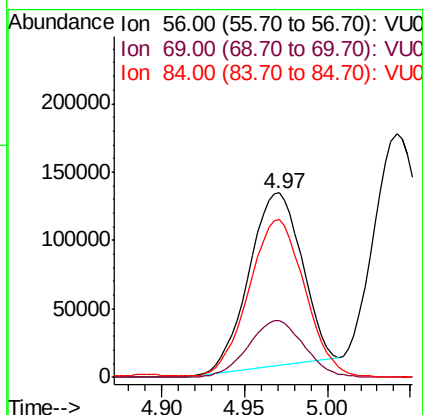
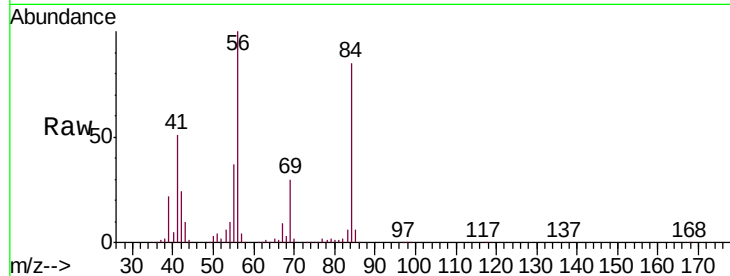




#19
Cyclohexane
Concen: 10.018 ug/l
RT: 4.97 min Scan# 1207
Delta R.T. 0.00 min
Lab File: VU034470.D
Acq: 11 Sep 2019 11:34

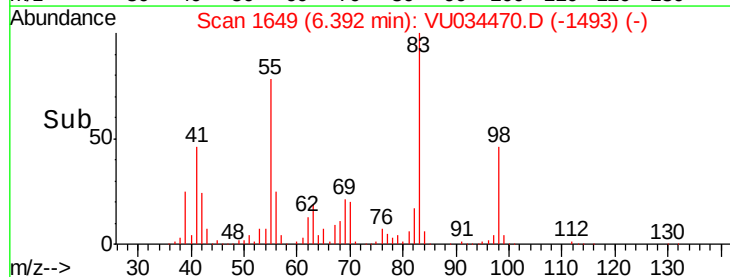
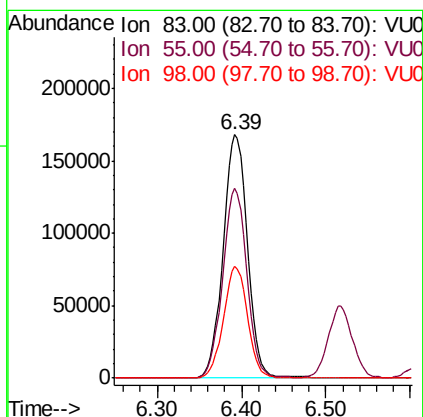
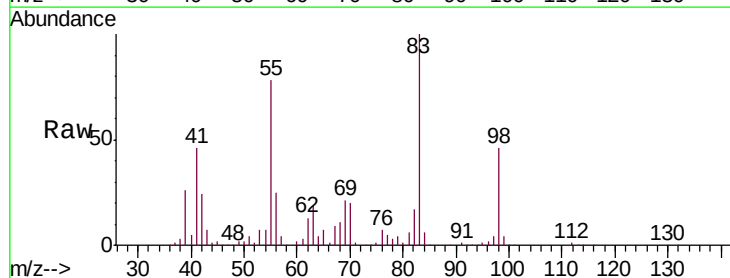
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

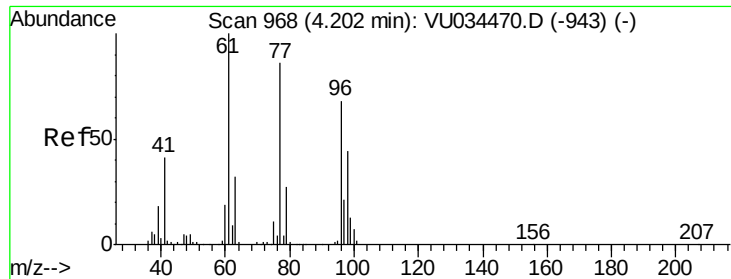
Tgt Ion: 56 Resp: 281657
Ion Ratio Lower Upper
56 100
69 34.8 24.4 36.6
84 95.5 66.9 100.3



#20
Methylcyclohexane
Concen: 11.838 ug/l
RT: 6.39 min Scan# 1649
Delta R.T. 0.00 min
Lab File: VU034470.D
Acq: 11 Sep 2019 11:34

Tgt Ion: 83 Resp: 335230
Ion Ratio Lower Upper
83 100
55 77.1 61.7 92.5
98 45.0 36.0 54.0

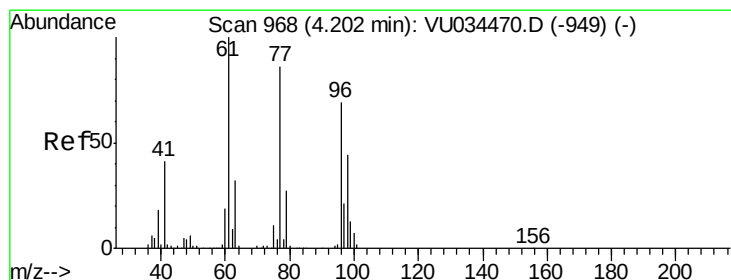
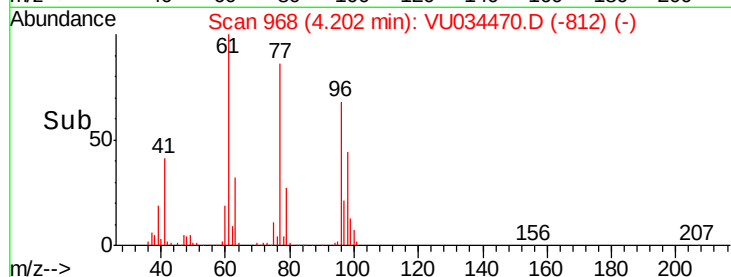
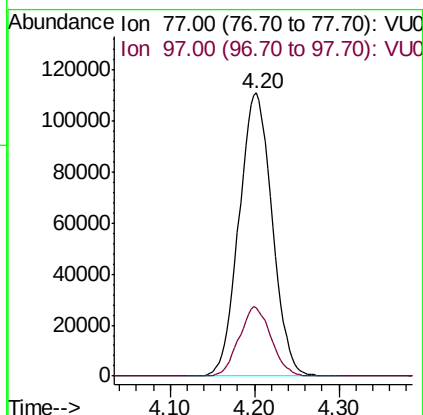
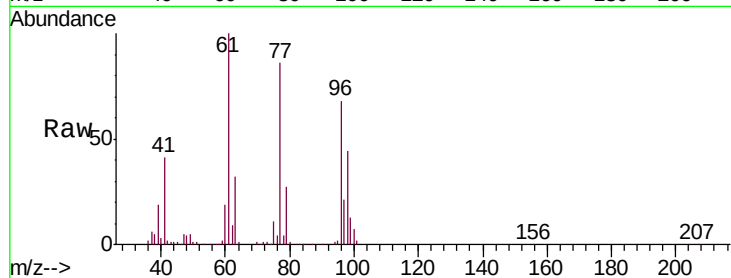




#21
 2,2-Dichloropropane
 Concen: 9.427 ug/l
 RT: 4.20 min Scan# 968
 Delta R.T. 0.00 min
 Lab File: VU034470.D
 Acq: 11 Sep 2019 11:34

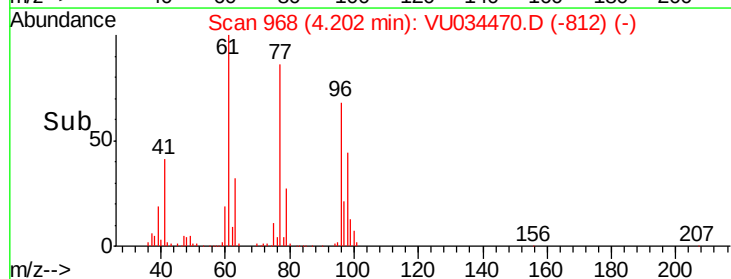
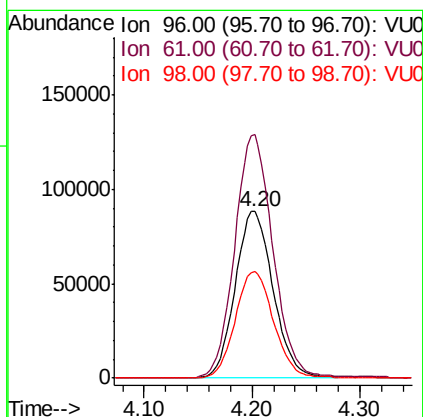
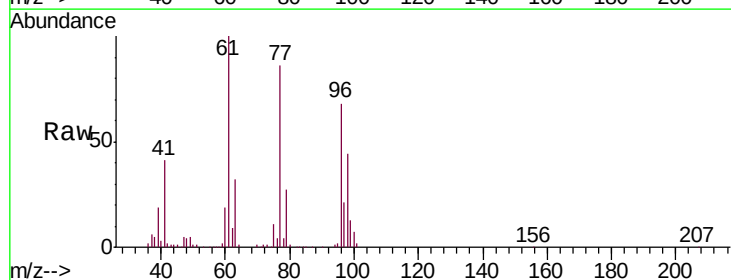
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

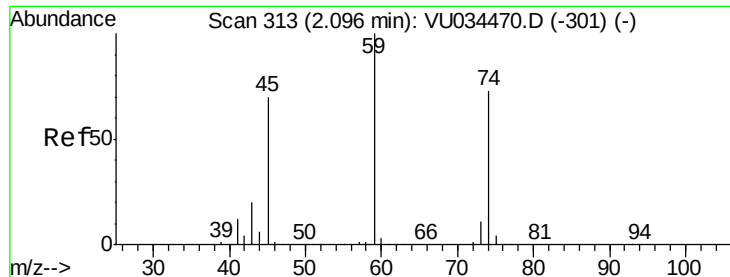
Tgt Ion: 77 Resp: 302904
 Ion Ratio Lower Upper
 77 100
 97 23.6 18.9 28.3



#22
 cis-1,2-Dichloroethene
 Concen: 10.140 ug/l
 RT: 4.20 min Scan# 968
 Delta R.T. 0.00 min
 Lab File: VU034470.D
 Acq: 11 Sep 2019 11:34

Tgt Ion: 96 Resp: 216298
 Ion Ratio Lower Upper
 96 100
 61 147.8 0.0 369.5
 98 64.8 32.4 97.2

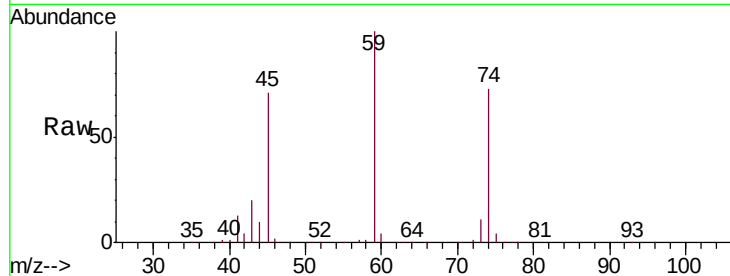




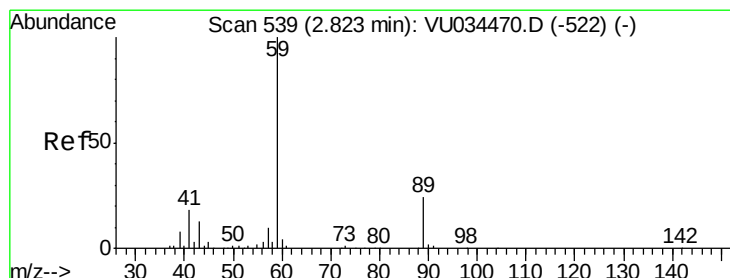
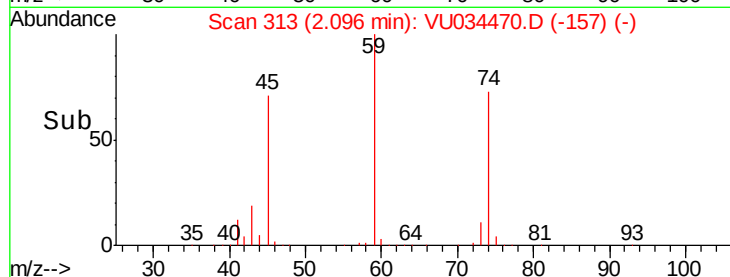
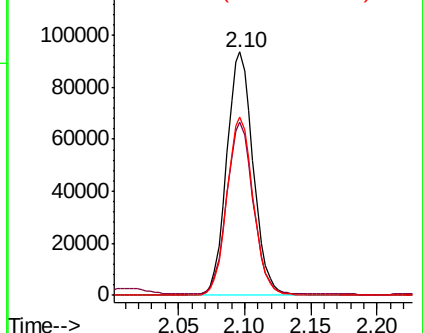
#23
Diethyl Ether
Concen: 6.772 ug/l
RT: 2.10 min Scan# 313
Delta R.T. 0.00 min
Lab File: VU034470.D
Acq: 11 Sep 2019 11:34

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tgt Ion: 59 Resp: 129886
Ion Ratio Lower Upper
59 100
45 70.4 56.3 84.5
74 72.7 58.2 87.2

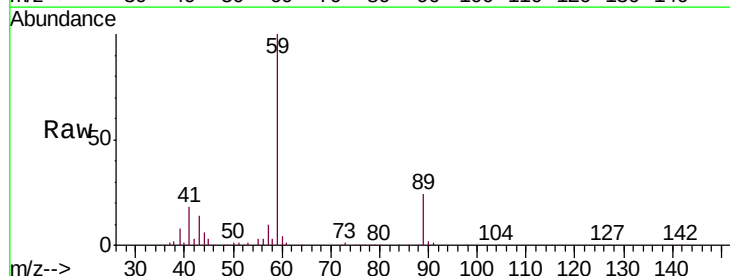


Abundance Ion 59.00 (58.70 to 59.70): VU0
Ion 45.00 (44.70 to 45.70): VU0
Ion 74.00 (73.70 to 74.70): VU0

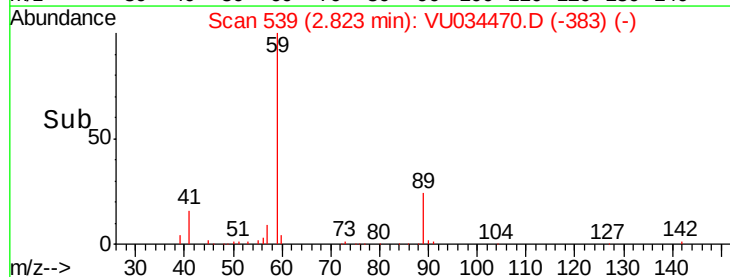
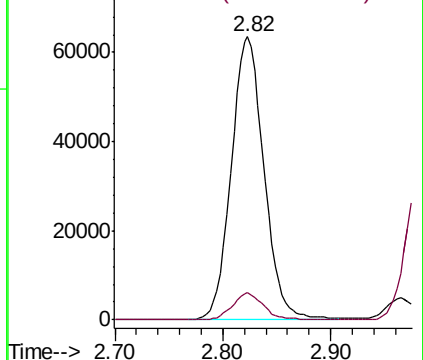


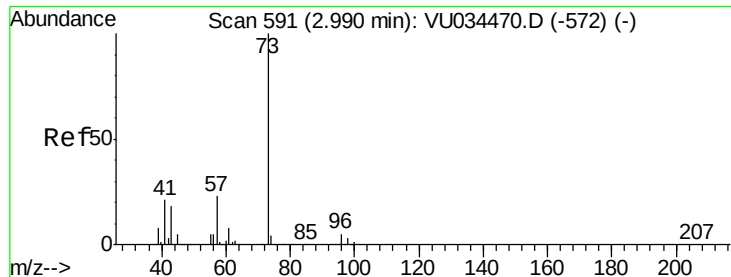
#24
tert-Butyl Alcohol
Concen: 46.036 ug/l
RT: 2.82 min Scan# 539
Delta R.T. 0.00 min
Lab File: VU034470.D
Acq: 11 Sep 2019 11:34

Tgt Ion: 59 Resp: 134148
Ion Ratio Lower Upper
59 100
57 9.1 7.3 10.9



Abundance Ion 59.00 (58.70 to 59.70): VU0
Ion 57.00 (56.70 to 57.70): VU0



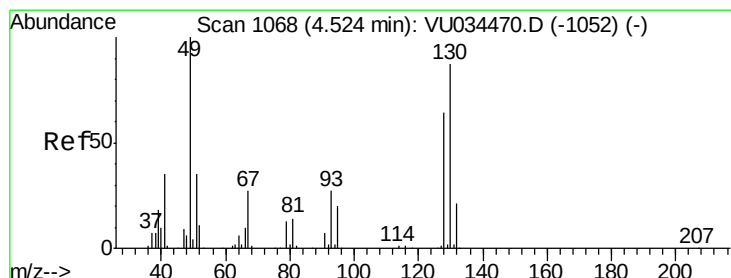
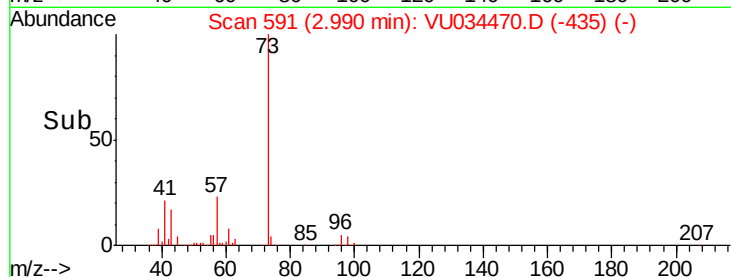
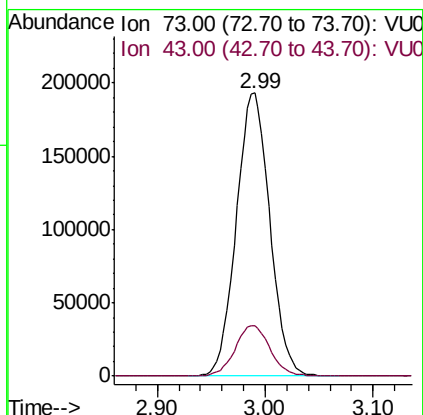
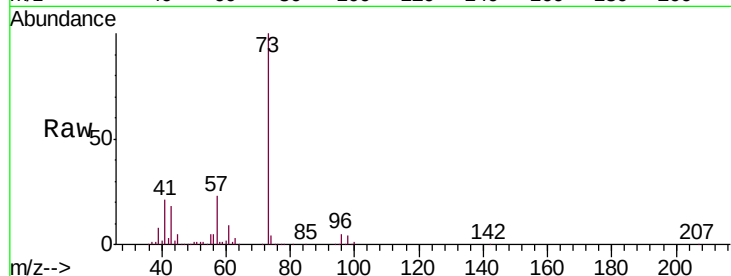


#25

Methyl tert-Butyl Ether
 Concen: 6.542 ug/l
 RT: 2.99 min Scan# 591
 Delta R.T. 0.00 min
 Lab File: VU034470.D
 Acq: 11 Sep 2019 11:34

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

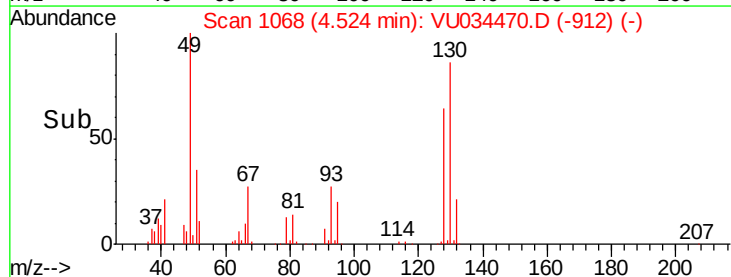
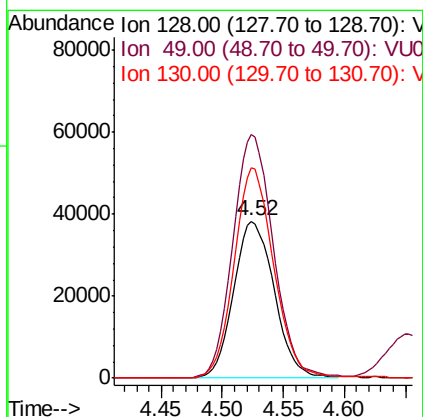
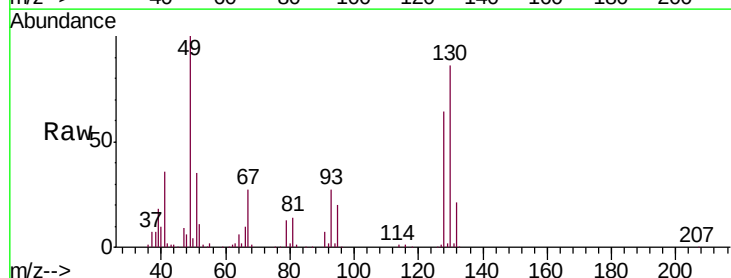
Tgt Ion: 73 Resp: 417626
 Ion Ratio Lower Upper
 73 100
 43 18.0 14.4 21.6

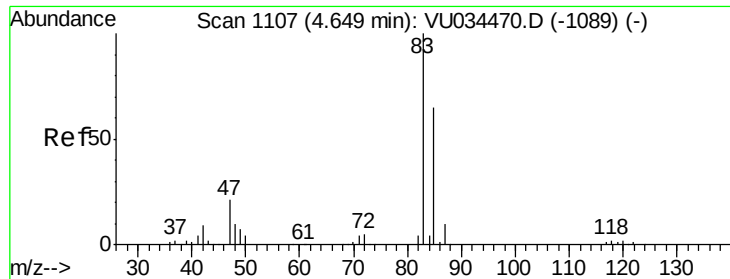


#26

Bromochloromethane
 Concen: 9.505 ug/l
 RT: 4.52 min Scan# 1068
 Delta R.T. 0.00 min
 Lab File: VU034470.D
 Acq: 11 Sep 2019 11:34

Tgt Ion: 128 Resp: 88347
 Ion Ratio Lower Upper
 128 100
 49 154.9 0.0 309.8
 130 131.3 105.0 157.6

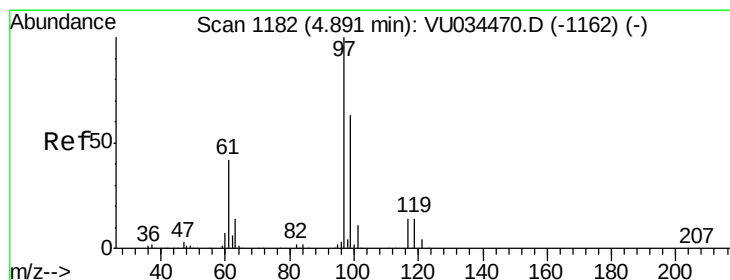
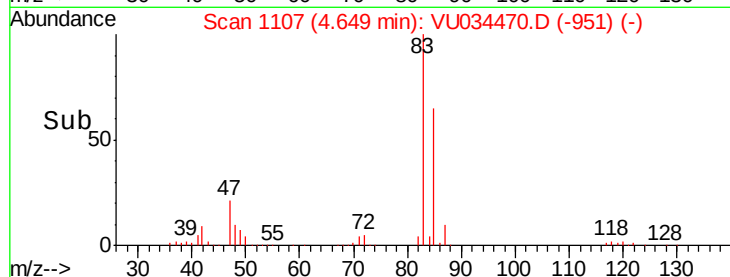
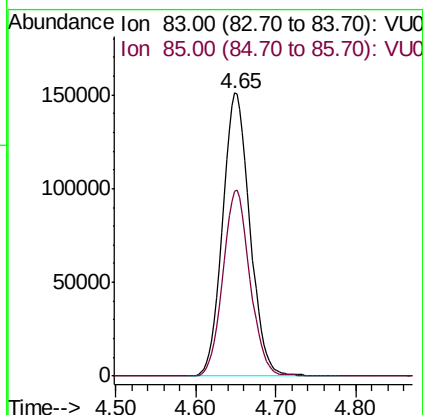
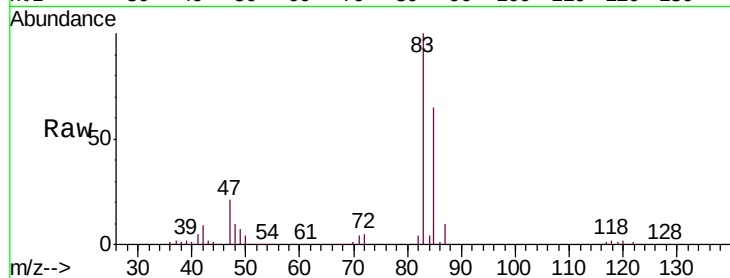




#27
Chloroform
Concen: 8.328 ug/l
RT: 4.65 min Scan# 1107
Delta R.T. 0.00 min
Lab File: VU034470.D
Acq: 11 Sep 2019 11:34

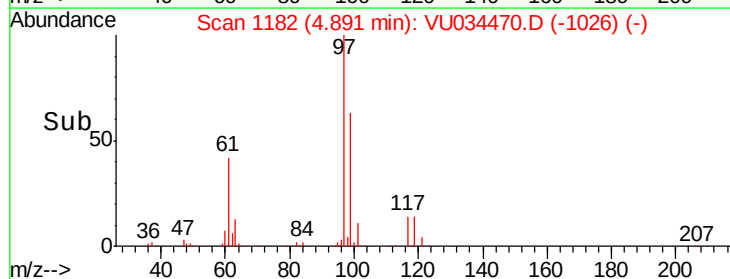
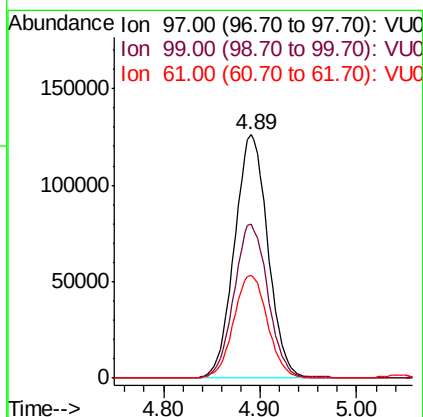
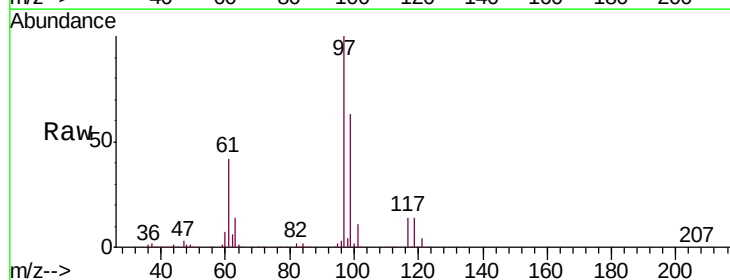
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

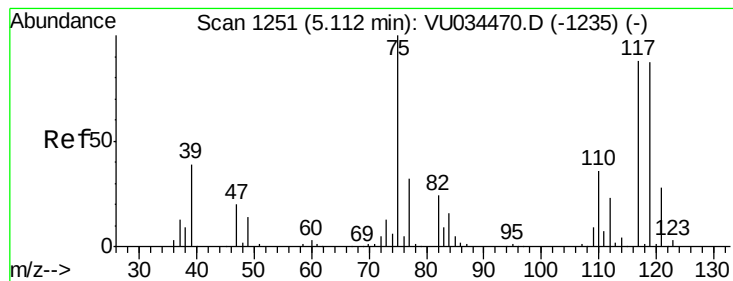
Tgt Ion: 83 Resp: 354516
Ion Ratio Lower Upper
83 100
85 65.1 0.0 130.2



#28
1,1,1-Trichloroethane
Concen: 9.175 ug/l
RT: 4.89 min Scan# 1182
Delta R.T. 0.00 min
Lab File: VU034470.D
Acq: 11 Sep 2019 11:34

Tgt Ion: 97 Resp: 301982
Ion Ratio Lower Upper
97 100
99 64.1 32.0 96.2
61 42.9 21.4 64.3





#29

1,1-Dichloropropene

Concen: 10.002 ug/l

RT: 5.11 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VU034470.D

Acq: 11 Sep 2019 11:34

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

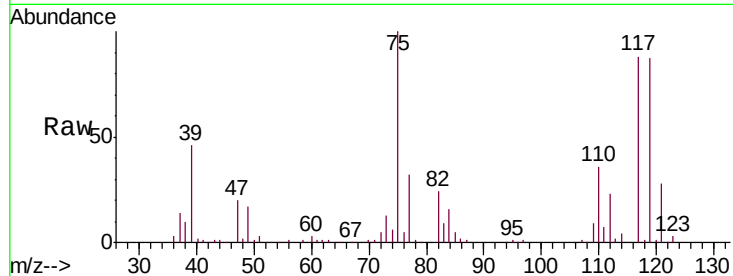
Tgt Ion: 75 Resp: 273465

Ion Ratio Lower Upper

75 100

110 36.8 18.4 55.2

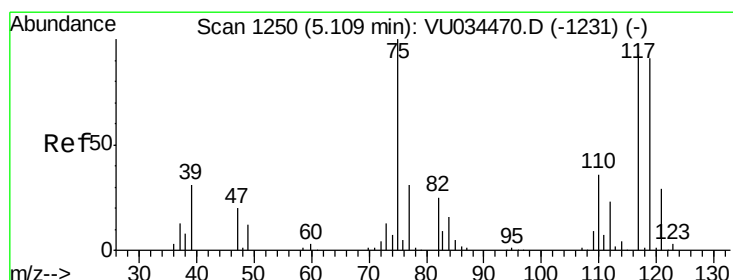
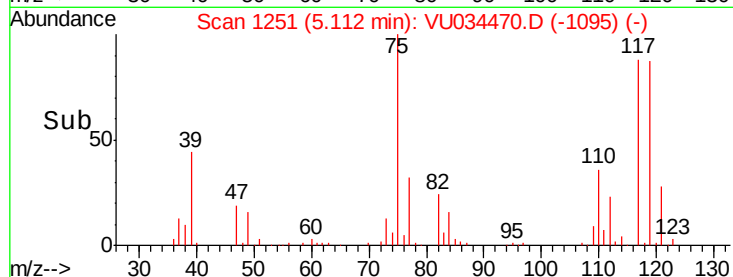
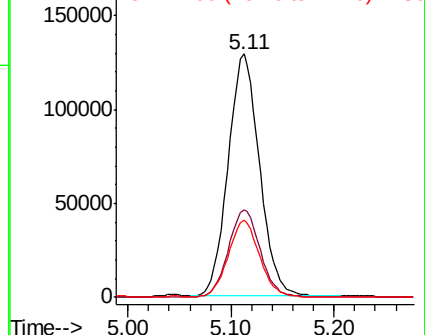
77 31.3 25.0 37.6



Abundance Ion 75.00 (74.70 to 75.70): VU034470.D (-1235) (-)

Ion 110.00 (109.70 to 110.70): VU034470.D (-1235) (-)

Ion 77.00 (76.70 to 77.70): VU034470.D (-1235) (-)



#30

Carbon Tetrachloride

Concen: 9.372 ug/l

RT: 5.11 min Scan# 1250

Delta R.T. 0.00 min

Lab File: VU034470.D

Acq: 11 Sep 2019 11:34

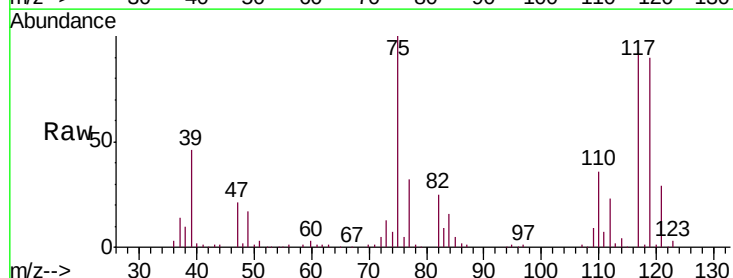
Tgt Ion: 117 Resp: 272507

Ion Ratio Lower Upper

117 100

119 98.1 78.5 117.7

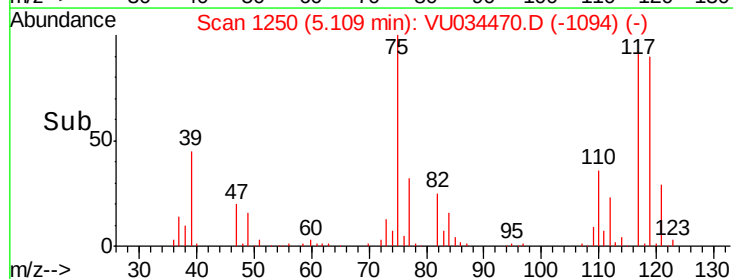
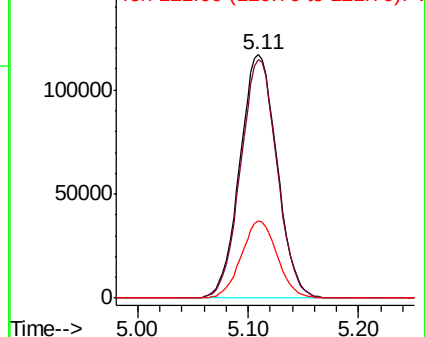
121 31.6 25.3 37.9

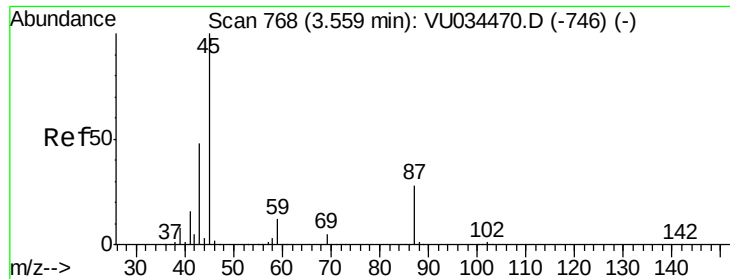


Abundance Ion 117.00 (116.70 to 117.70): VU034470.D (-1231) (-)

Ion 119.00 (118.70 to 119.70): VU034470.D (-1231) (-)

Ion 121.00 (120.70 to 121.70): VU034470.D (-1231) (-)





#31

Isopropyl Ether

Concen: 11.322 ug/l

RT: 3.56 min Scan# 768

Delta R.T. 0.00 min

Lab File: VU034470.D

Acq: 11 Sep 2019 11:34

Instrument :

MSVOA_U

ClientSampleId :

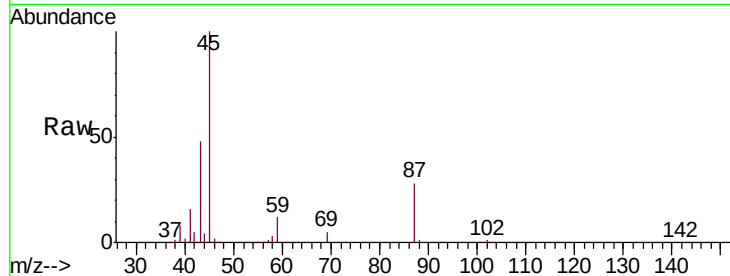
VSTDICCC010

Tgt Ion: 45 Resp: 553185

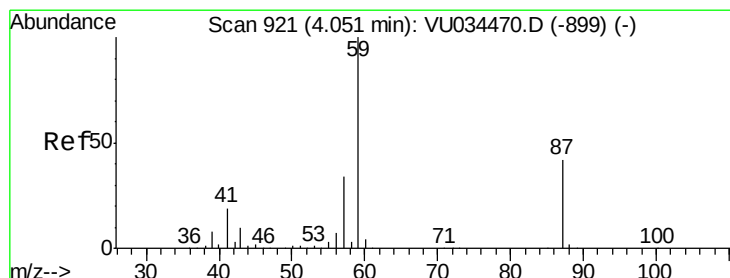
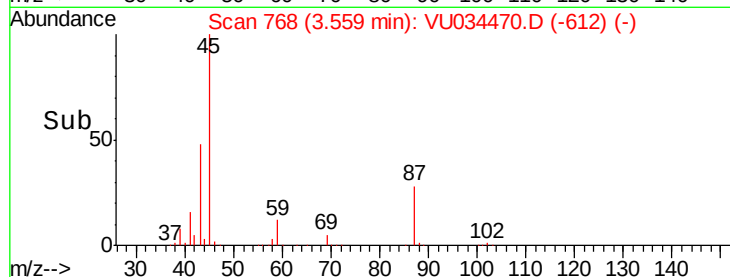
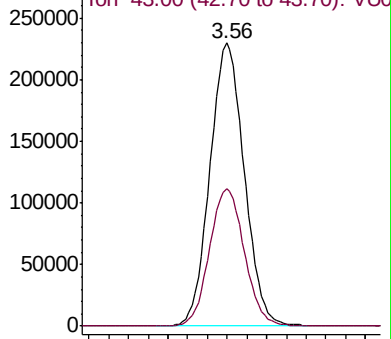
Ion Ratio Lower Upper

45 100

43 49.5 24.8 74.3



Abundance Ion 45.00 (44.70 to 45.70): VU034470.D (-746) (-)



#32

Ethyl-t-butyl ether

Concen: 10.470 ug/l

RT: 4.05 min Scan# 921

Delta R.T. 0.00 min

Lab File: VU034470.D

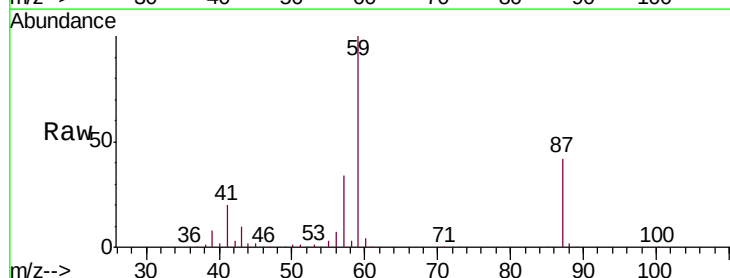
Acq: 11 Sep 2019 11:34

Tgt Ion: 59 Resp: 480979

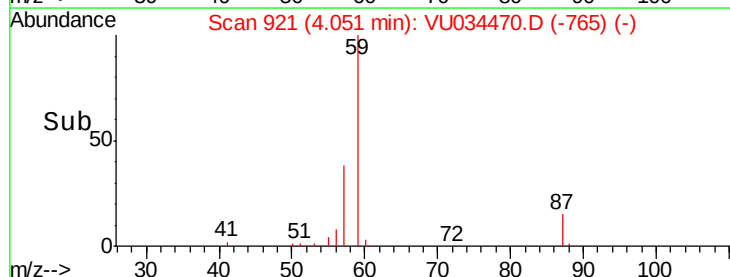
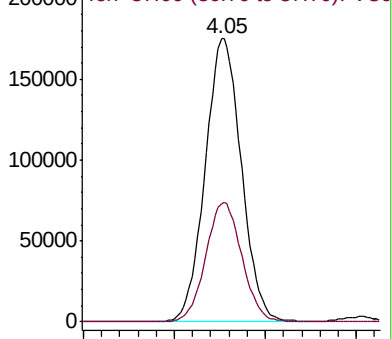
Ion Ratio Lower Upper

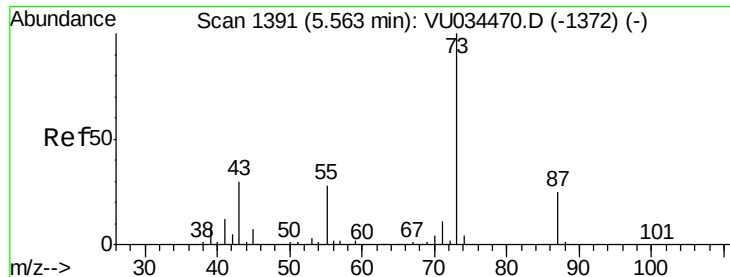
59 100

87 42.0 33.6 50.4



Abundance Ion 59.00 (58.70 to 59.70): VU034470.D (-899) (-)

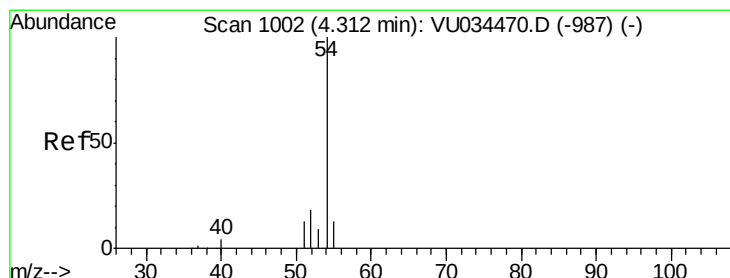
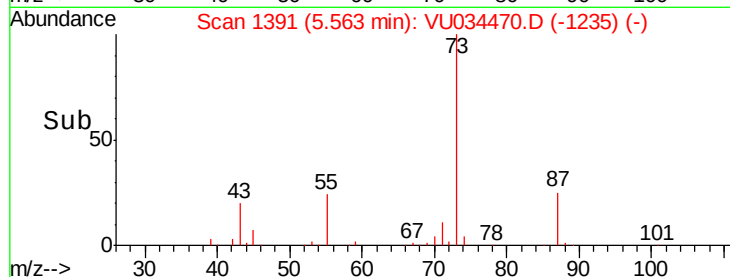
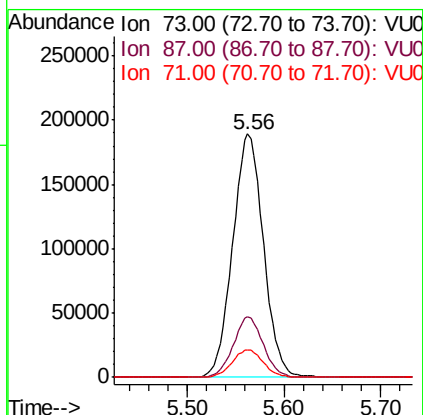
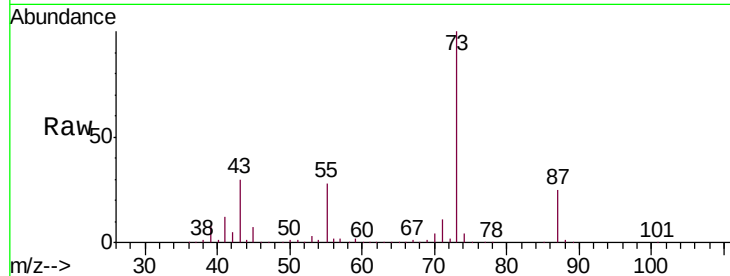




#33
 Tert-Amyl methyl ether
 Concen: 10.244 ug/l
 RT: 5.56 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VU034470.D
 Acq: 11 Sep 2019 11:34

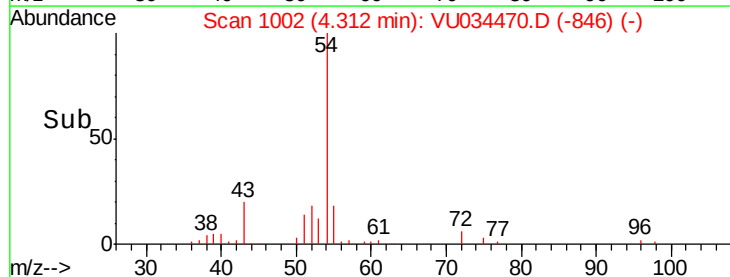
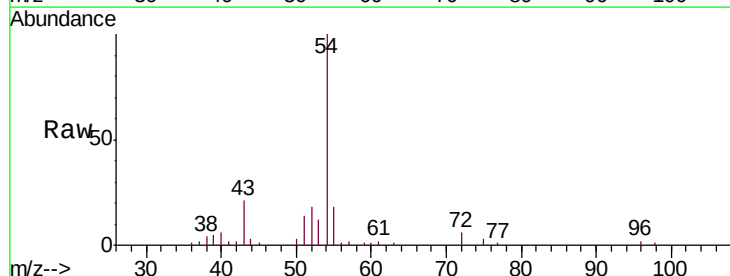
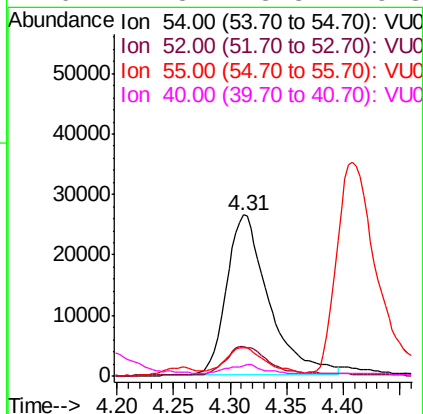
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

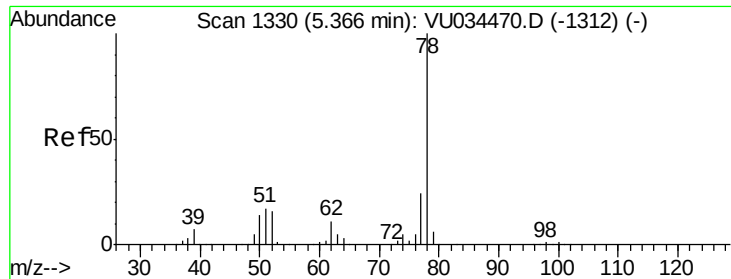
Tgt Ion: 73 Resp: 415430
 Ion Ratio Lower Upper
 73 100
 87 24.2 19.4 29.0
 71 11.6 9.3 13.9



#34
 Propionitrile
 Concen: 45.777 ug/l
 RT: 4.31 min Scan# 1002
 Delta R.T. 0.00 min
 Lab File: VU034470.D
 Acq: 11 Sep 2019 11:34

Tgt Ion: 54 Resp: 67810
 Ion Ratio Lower Upper
 54 100
 52 17.6 14.1 21.1
 55 16.6 13.3 19.9
 40 4.8 3.8 5.8





#35

Benzene

Concen: 10.175 ug/l

RT: 5.37 min Scan# 1330

Delta R.T. 0.00 min

Lab File: VU034470.D

Acq: 11 Sep 2019 11:34

Instrument :

MSVOA_U

ClientSampleId :

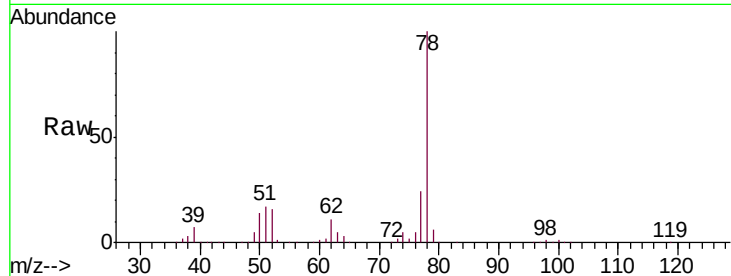
VSTDICCC010

Tgt Ion: 78 Resp: 808179

Ion Ratio Lower Upper

78 100

77 24.1 19.3 28.9



Abundance Ion 78.10 (77.80 to 78.80): VU034470.D (-1312) (-)

Ion 77.00 (76.70 to 77.70): VU034470.D (-1312) (-)

5.37

400000

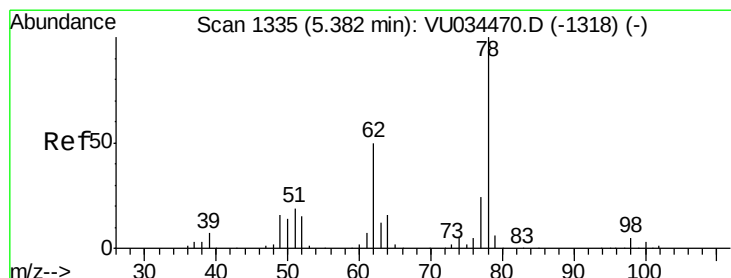
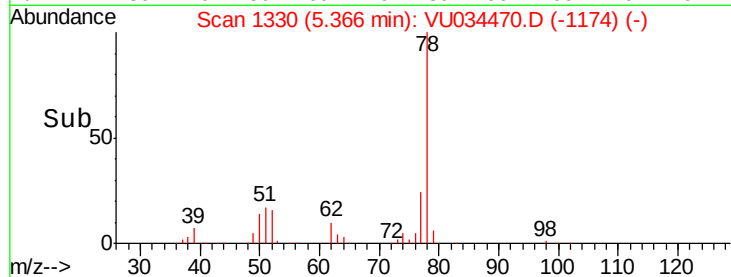
300000

200000

100000

0

Time--> 5.20 5.30 5.40 5.50 5.60



#36

1,2-Dichloroethane

Concen: 8.051 ug/l

RT: 5.38 min Scan# 1335

Delta R.T. 0.00 min

Lab File: VU034470.D

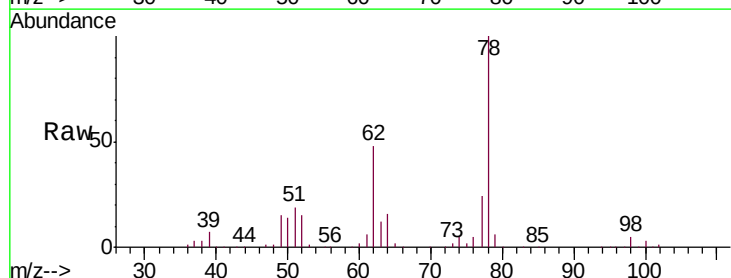
Acq: 11 Sep 2019 11:34

Tgt Ion: 62 Resp: 205165

Ion Ratio Lower Upper

62 100

98 10.0 8.0 12.0



Abundance Ion 62.00 (61.70 to 62.70): VU034470.D (-1318) (-)

Ion 98.00 (97.70 to 98.70): VU034470.D (-1318) (-)

5.38

100000

80000

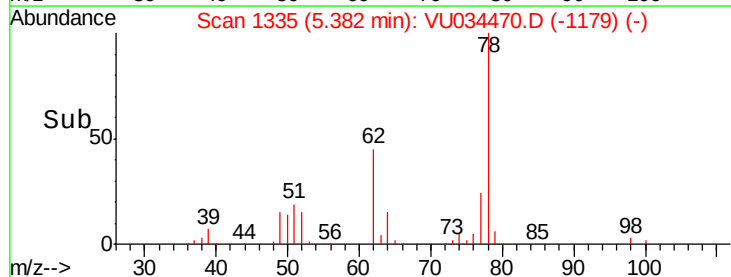
60000

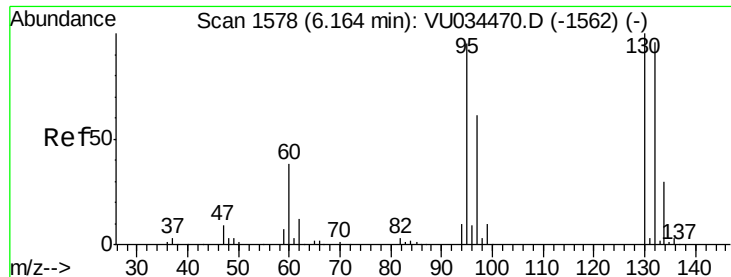
40000

20000

0

Time--> 5.30 5.40 5.50

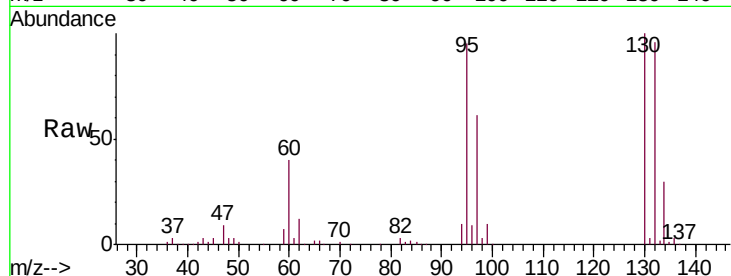




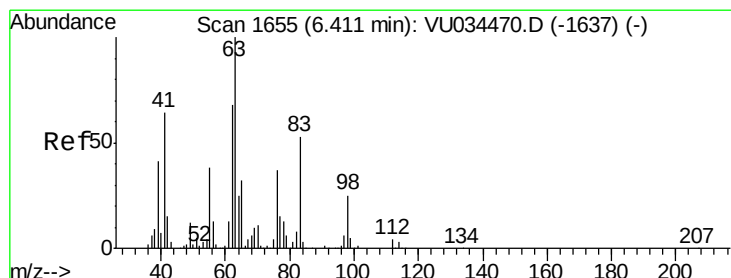
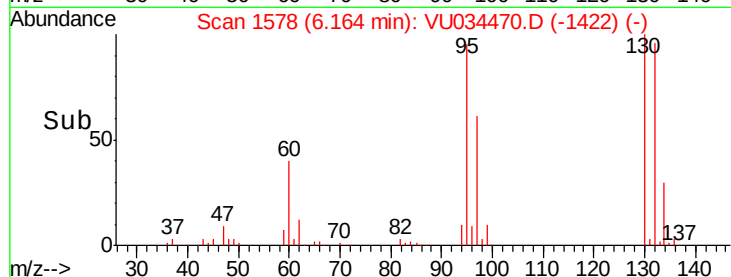
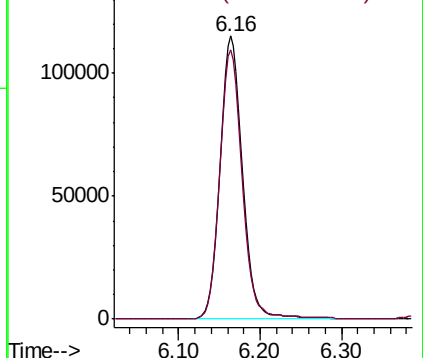
#37
 Trichloroethene
 Concen: 10.596 ug/l
 RT: 6.16 min Scan# 1578
 Delta R.T. 0.00 min
 Lab File: VU034470.D
 Acq: 11 Sep 2019 11:34

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

Tgt Ion:130 Resp: 224599
 Ion Ratio Lower Upper
 130 100
 95 95.4 76.3 114.5

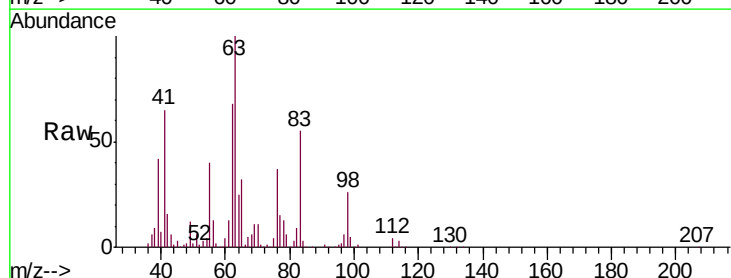


Abundance Ion 129.90 (129.60 to 130.60): VU034470.D (-1562) (-)
 Ion 94.90 (94.60 to 95.60): VU034470.D (-1562) (-)

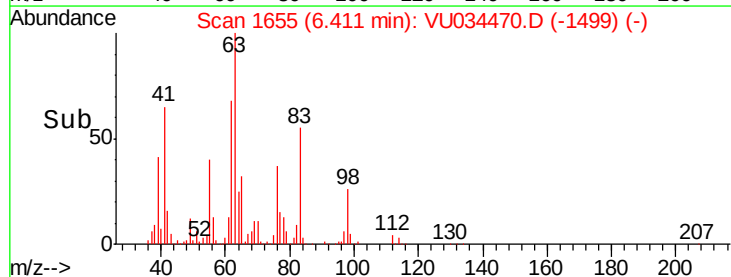
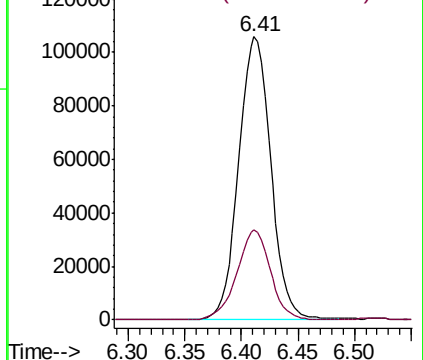


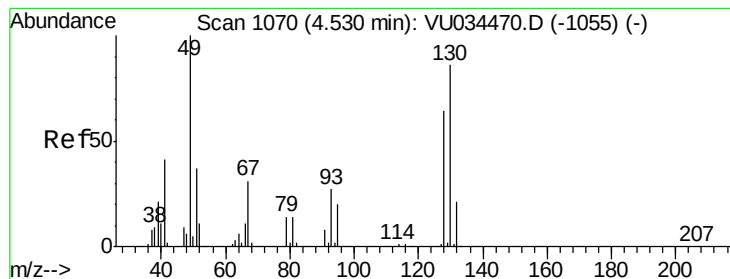
#38
 1,2-Dichloropropane
 Concen: 9.674 ug/l
 RT: 6.41 min Scan# 1655
 Delta R.T. 0.00 min
 Lab File: VU034470.D
 Acq: 11 Sep 2019 11:34

Tgt Ion: 63 Resp: 210597
 Ion Ratio Lower Upper
 63 100
 65 31.8 25.4 38.2



Abundance Ion 63.00 (62.70 to 63.70): VU034470.D (-1637) (-)
 Ion 65.00 (64.70 to 65.70): VU034470.D (-1637) (-)





#39

Methacrylonitrile

Concen: 9.180 ug/l

RT: 4.53 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VU034470.D

Acq: 11 Sep 2019 11:34

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tgt Ion: 41 Resp: 54652

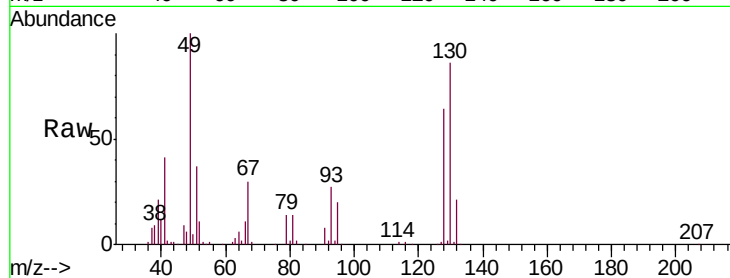
Ion Ratio Lower Upper

41 100

67 78.3 62.6 94.0

39 52.0 41.6 62.4

52 31.6 25.3 37.9

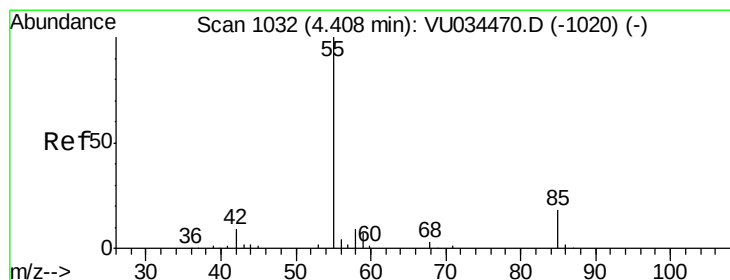
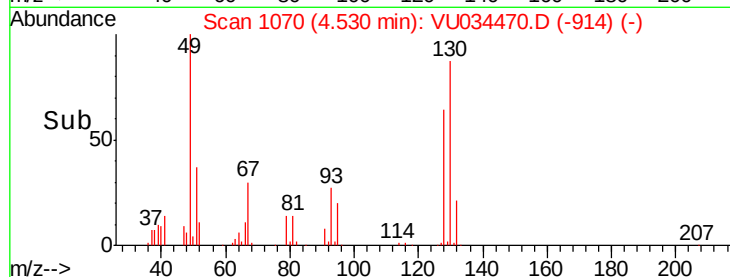
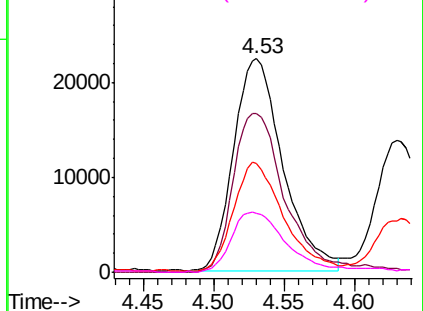


Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 67.00 (66.70 to 67.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



#40

Methyl acrylate

Concen: 9.574 ug/l

RT: 4.41 min Scan# 1032

Delta R.T. 0.00 min

Lab File: VU034470.D

Acq: 11 Sep 2019 11:34

Tgt Ion: 55 Resp: 88495

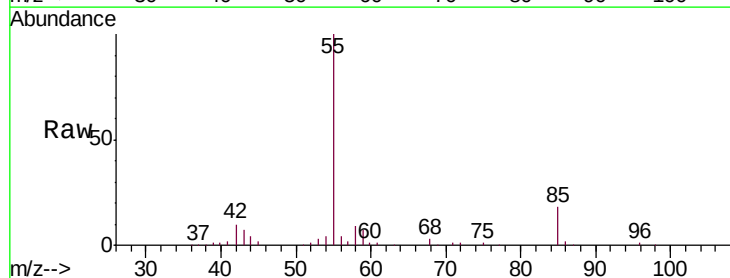
Ion Ratio Lower Upper

55 100

85 17.2 13.8 20.6

58 8.8 7.0 10.6

42 8.6 6.9 10.3

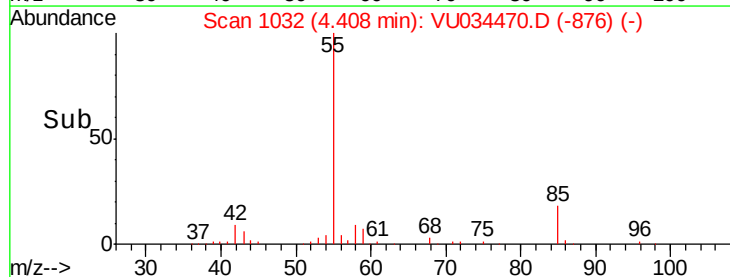
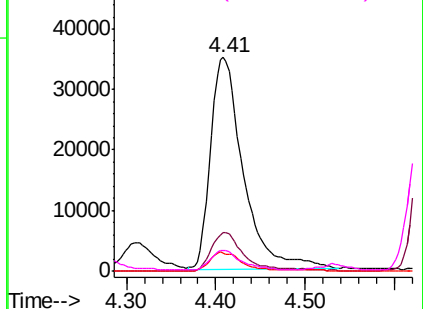


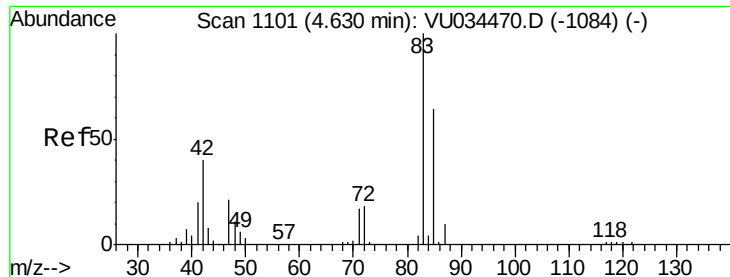
Abundance Ion 55.00 (54.70 to 55.70): VU0

Ion 85.00 (84.70 to 85.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 42.00 (41.70 to 42.70): VU0





#41

Tetrahydrofuran

Concen: 19.035 ug/l

RT: 4.63 min Scan# 1101

Delta R.T. 0.00 min

Lab File: VU034470.D

Acq: 11 Sep 2019 11:34

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

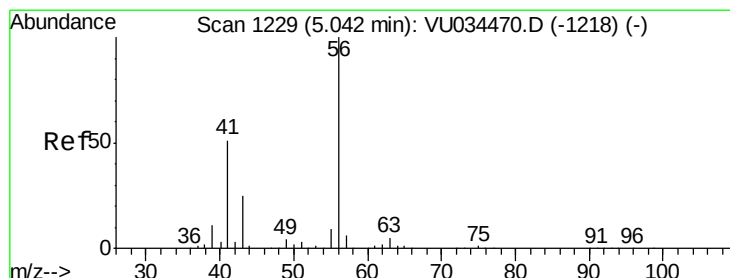
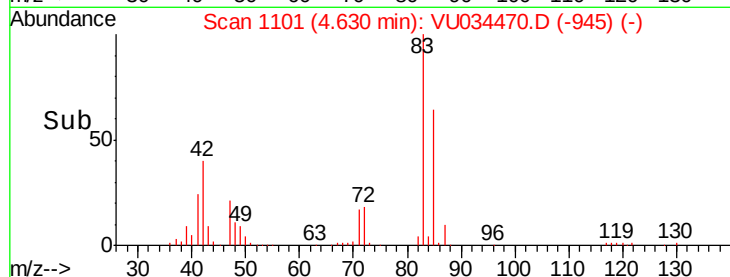
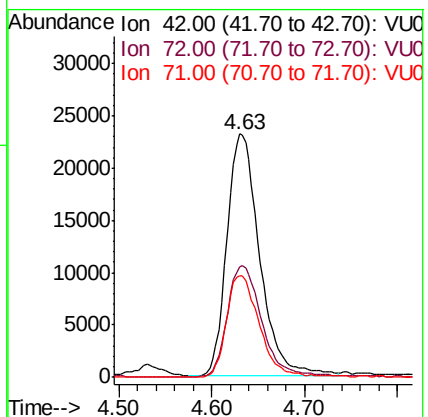
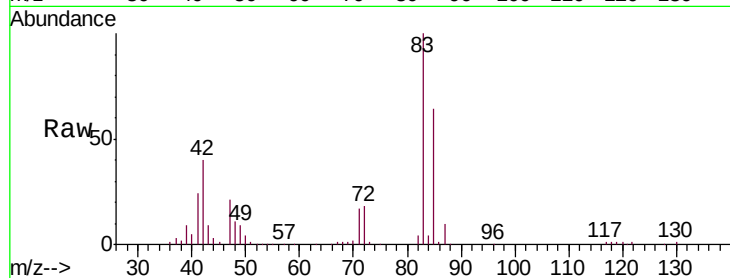
Tgt Ion: 42 Resp: 56591

Ion Ratio Lower Upper

42 100

72 49.5 39.6 59.4

71 42.0 33.6 50.4



#42

1-Chlorobutane

Concen: 10.441 ug/l

RT: 5.04 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VU034470.D

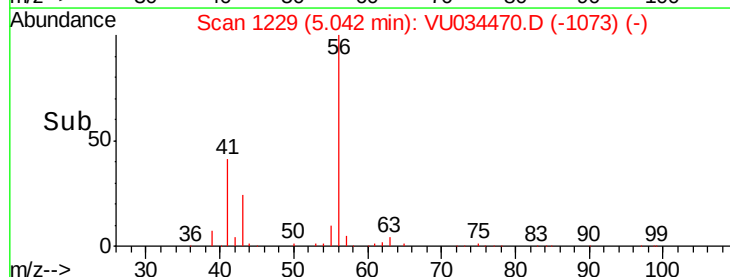
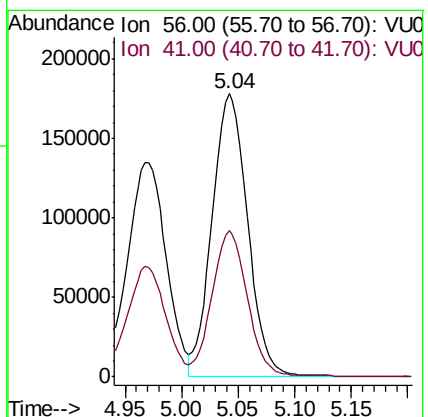
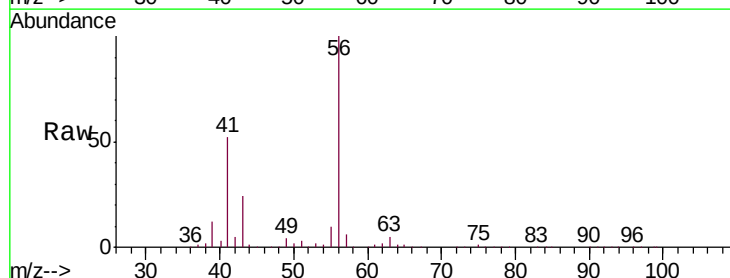
Acq: 11 Sep 2019 11:34

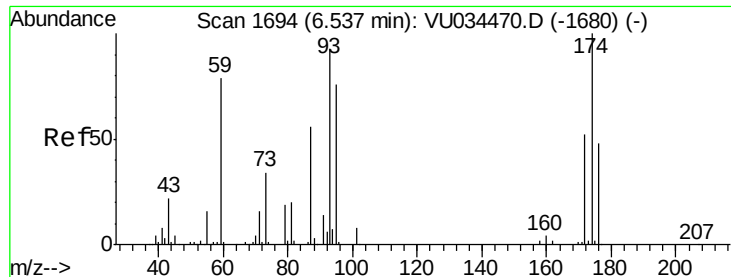
Tgt Ion: 56 Resp: 385288

Ion Ratio Lower Upper

56 100

41 51.0 25.5 76.5





#43

Dibromomethane

Concen: 8.173 ug/l

RT: 6.54 min Scan# 1694

Delta R.T. 0.00 min

Lab File: VU034470.D

Acq: 11 Sep 2019 11:34

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

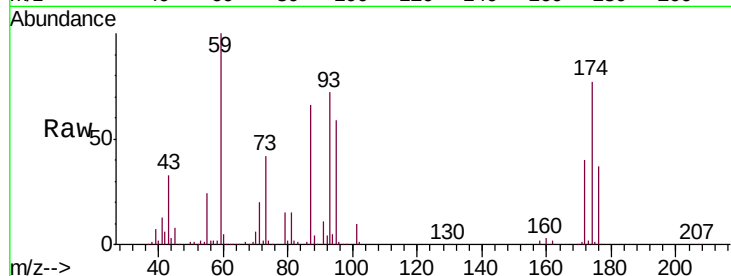
Tgt Ion: 93 Resp: 95689

Ion Ratio Lower Upper

93 100

95 83.9 67.1 100.7

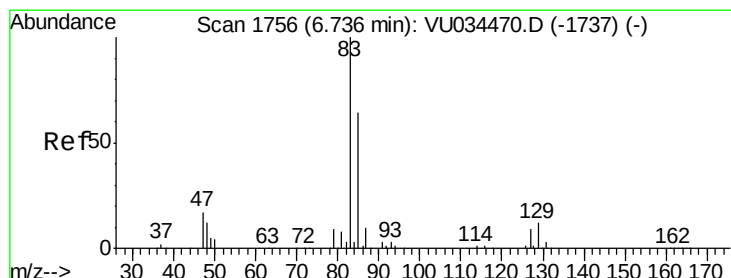
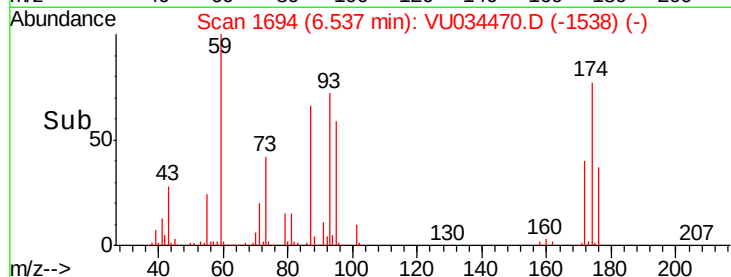
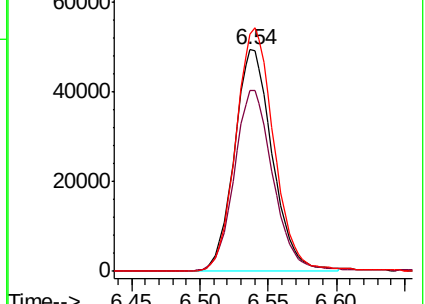
174 110.9 88.7 133.1



Abundance Ion 93.00 (92.70 to 93.70): VU034470.D (-1680) (-)

Ion 95.00 (94.70 to 95.70): VU034470.D (-1680) (-)

Ion 174.00 (173.70 to 174.70): VU034470.D (-1680) (-)



#44

Bromodichloromethane

Concen: 8.785 ug/l

RT: 6.74 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VU034470.D

Acq: 11 Sep 2019 11:34

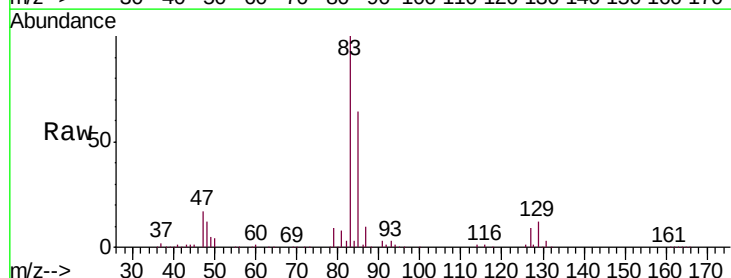
Tgt Ion: 83 Resp: 251763

Ion Ratio Lower Upper

83 100

85 63.9 51.1 76.7

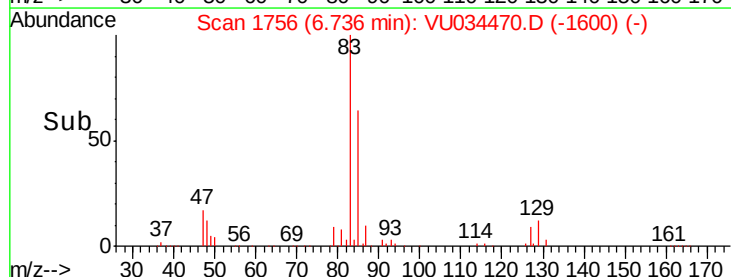
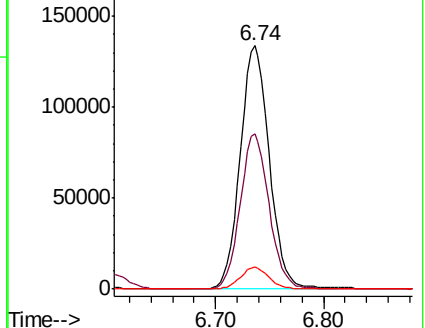
127 8.9 7.1 10.7

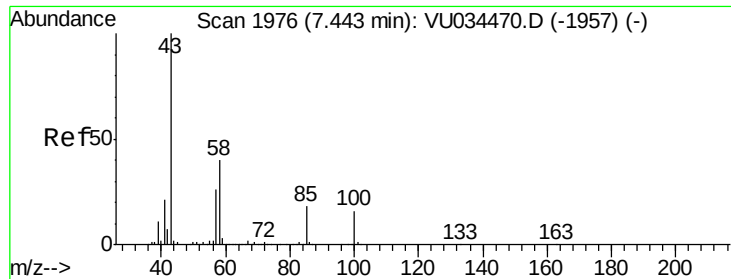


Abundance Ion 83.00 (82.70 to 83.70): VU034470.D (-1737) (-)

Ion 85.00 (84.70 to 85.70): VU034470.D (-1737) (-)

Ion 127.00 (126.70 to 127.70): VU034470.D (-1737) (-)

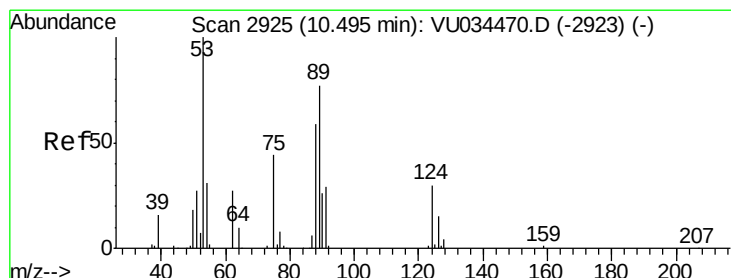
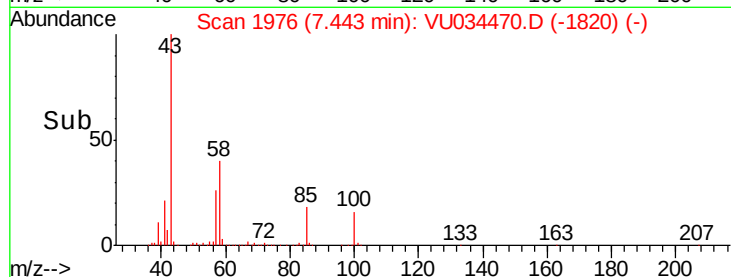
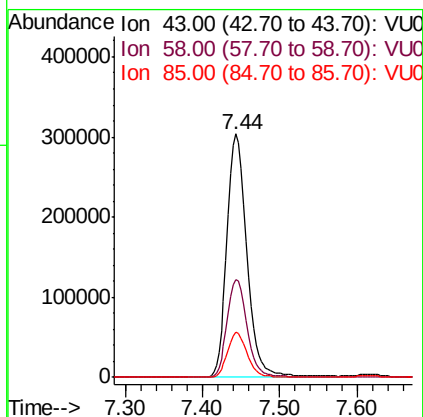
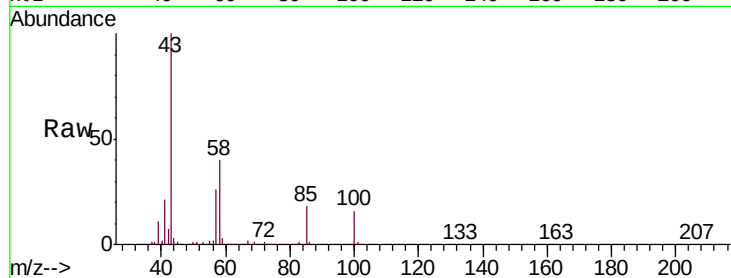




#45
 4-Methyl-2-Pentanone
 Concen: 45.513 ug/l
 RT: 7.44 min Scan# 1976
 Delta R.T. 0.00 min
 Lab File: VU034470.D
 Acq: 11 Sep 2019 11:34

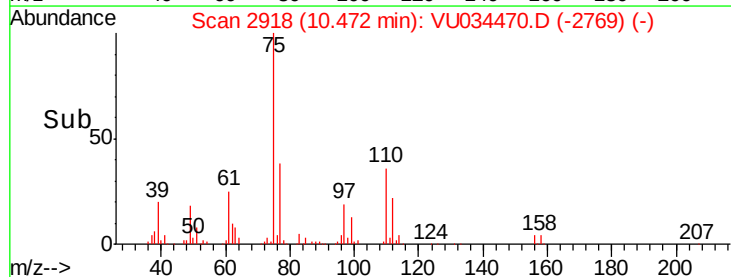
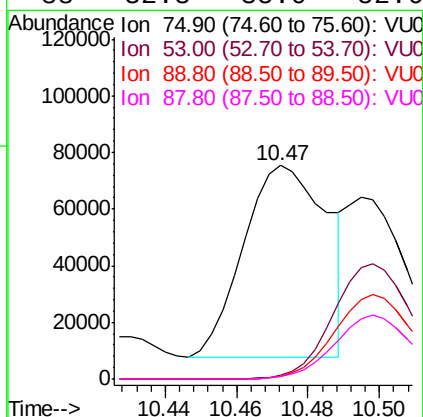
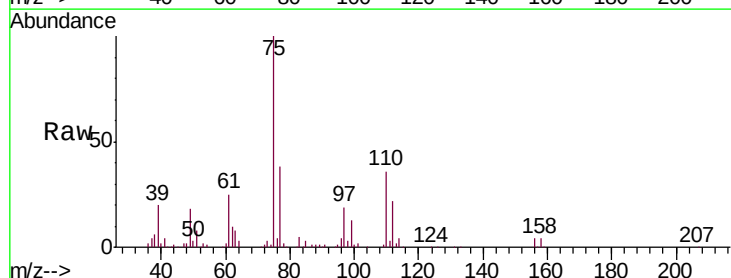
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

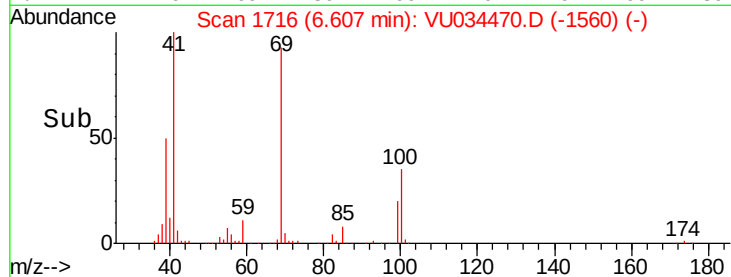
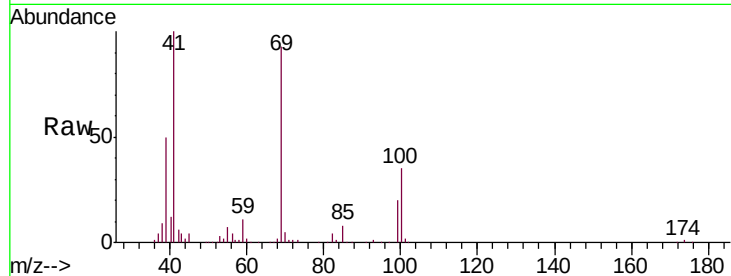
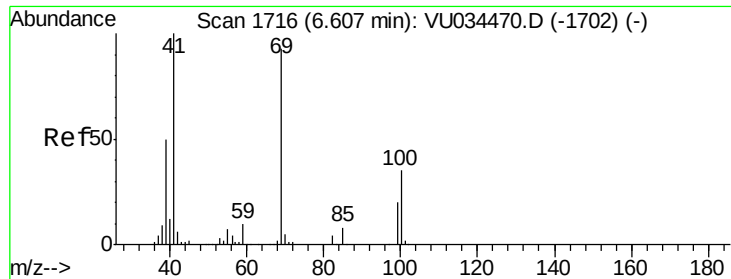
Tgt Ion	Ratio	Lower	Upper
43	100		
58	40.4	20.2	60.6
85	18.2	14.6	21.8



#46
 t-1,4-Dichloro-2-butene
 Concen: 23.282 ug/l
 RT: 10.47 min Scan# 2918
 Delta R.T. -0.02 min
 Lab File: VU034470.D
 Acq: 11 Sep 2019 11:34

Tgt Ion	Ratio	Lower	Upper
75	100		
53	58.4	63.3	94.9#
89	42.6	46.2	69.2#
88	32.3	35.0	52.6#





#47

Methyl methacrylate

Concen: 19.406 ug/l

RT: 6.61 min Scan# 1716

Delta R.T. 0.00 min

Lab File: VU034470.D

Acq: 11 Sep 2019 11:34

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tgt Ion: 69 Resp: 173755

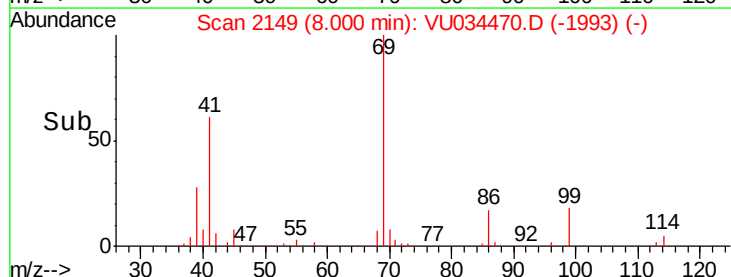
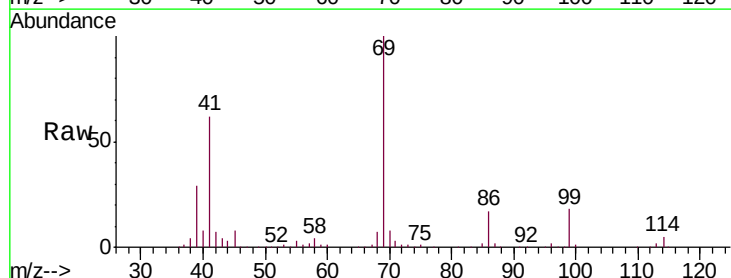
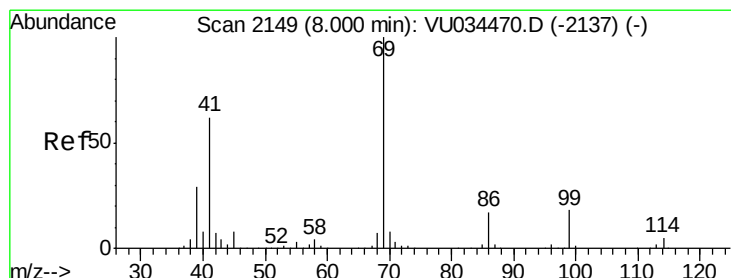
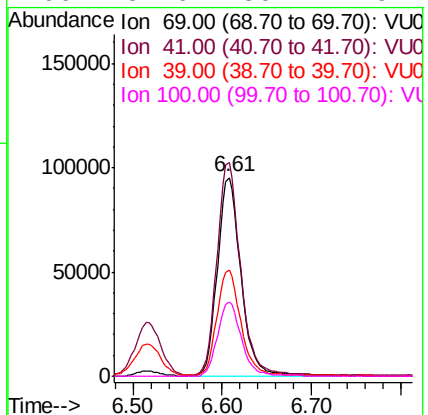
Ion Ratio Lower Upper

69 100

41 106.4 0.0 212.8

39 53.7 43.0 64.4

100 37.6 30.1 45.1



#48

Ethyl methacrylate

Concen: 10.055 ug/l

RT: 8.00 min Scan# 2149

Delta R.T. 0.00 min

Lab File: VU034470.D

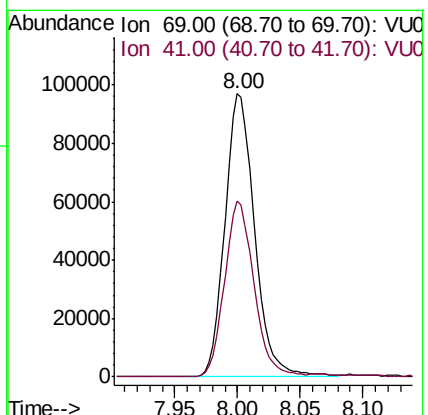
Acq: 11 Sep 2019 11:34

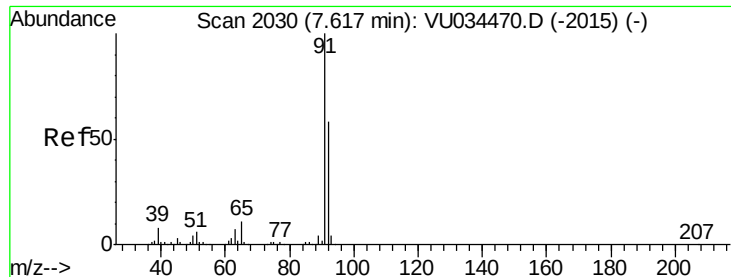
Tgt Ion: 69 Resp: 159630

Ion Ratio Lower Upper

69 100

41 61.2 30.6 91.8





#49

Toluene

Concen: 10.982 ug/l

RT: 7.62 min Scan# 2030

Delta R.T. 0.00 min

Lab File: VU034470.D

Acq: 11 Sep 2019 11:34

Instrument :

MSVOA_U

ClientSampled :

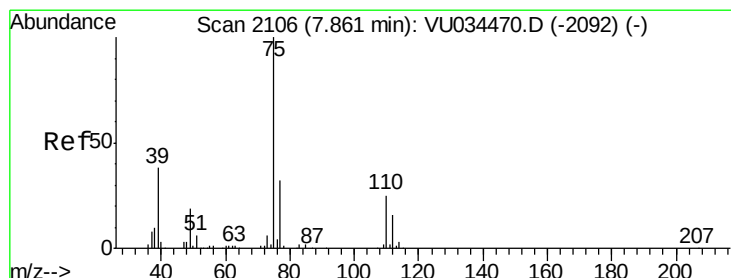
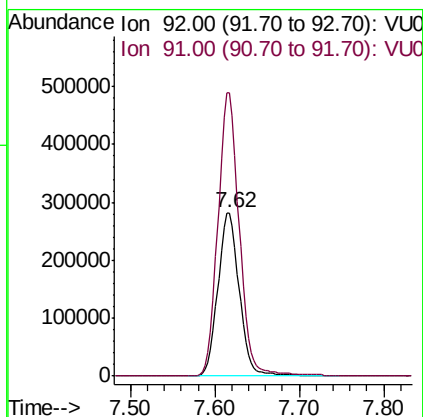
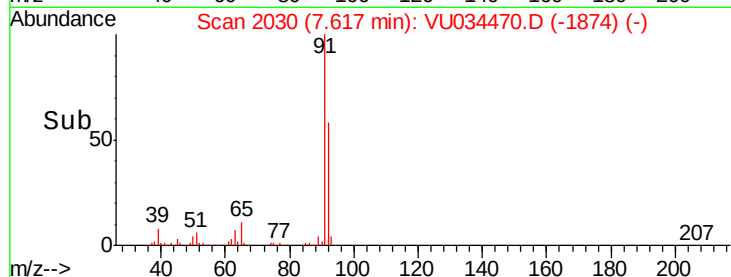
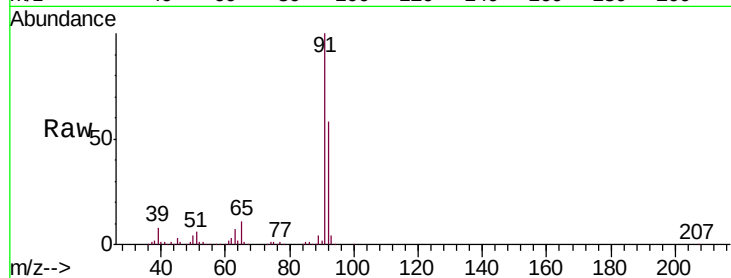
VSTDICCC010

Tgt Ion: 92 Resp: 499625

Ion Ratio Lower Upper

92 100

91 173.3 138.6 208.0



#50

t-1,3-Dichloropropene

Concen: 9.254 ug/l

RT: 7.86 min Scan# 2106

Delta R.T. 0.00 min

Lab File: VU034470.D

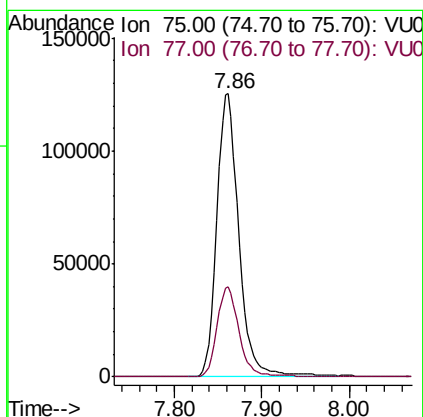
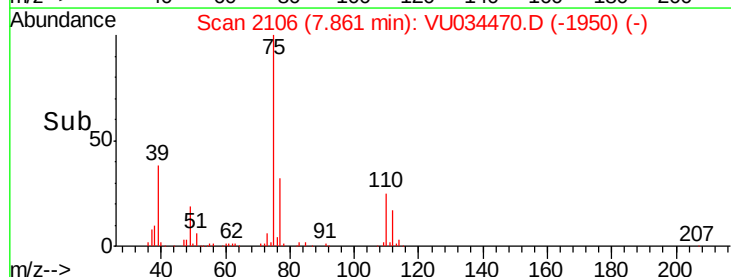
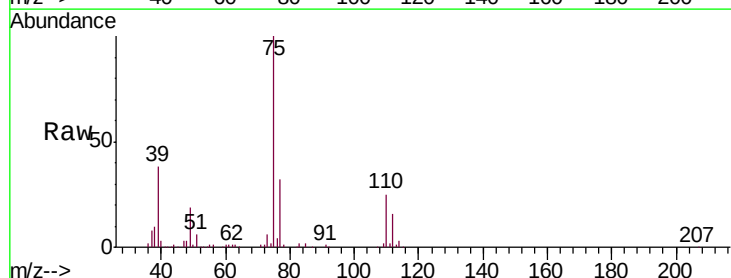
Acq: 11 Sep 2019 11:34

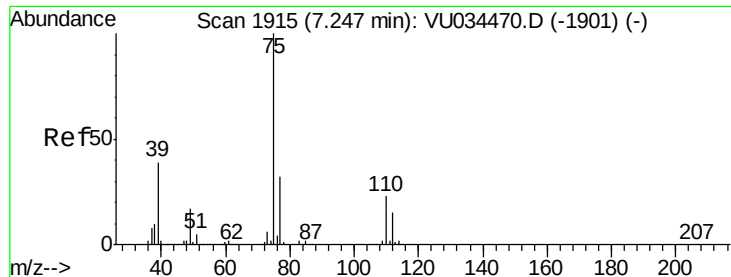
Tgt Ion: 75 Resp: 219706

Ion Ratio Lower Upper

75 100

77 31.7 25.4 38.0

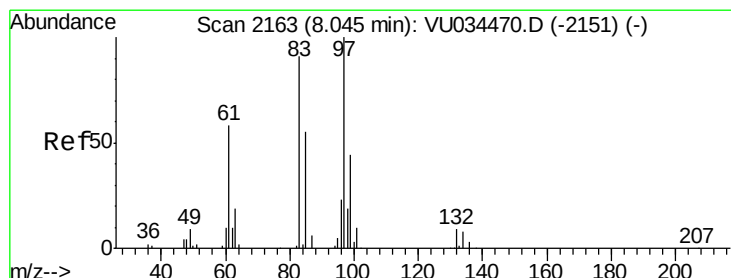
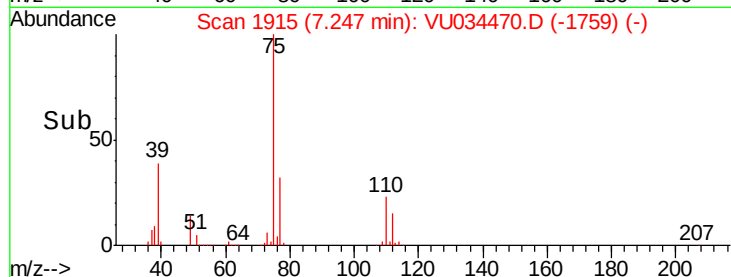
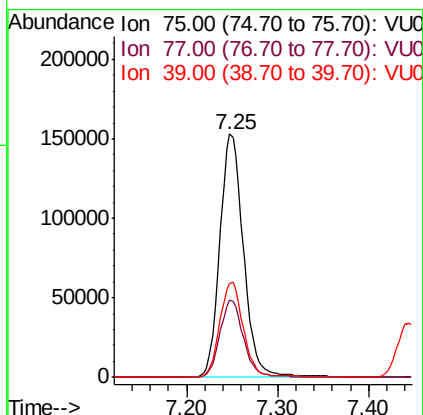
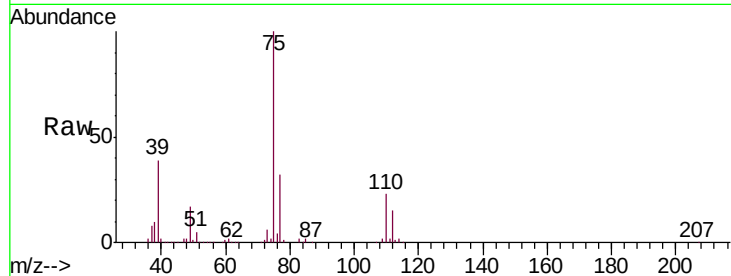




#51
 cis-1,3-Dichloropropene
 Concen: 9.736 ug/l
 RT: 7.25 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VU034470.D
 Acq: 11 Sep 2019 11:34

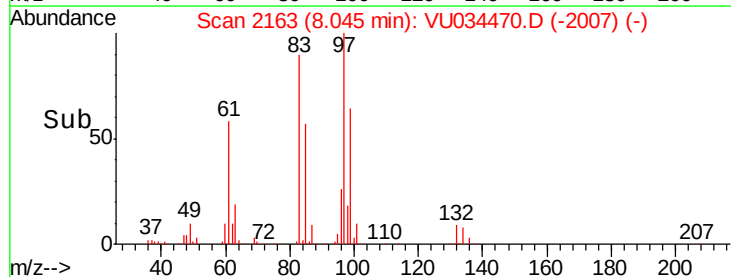
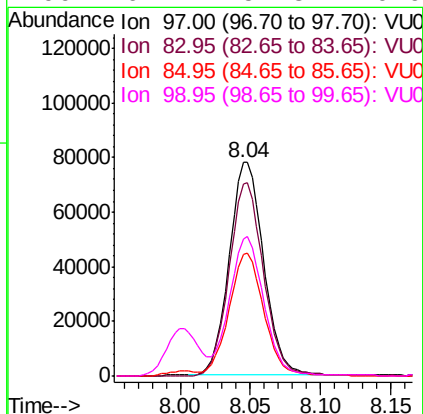
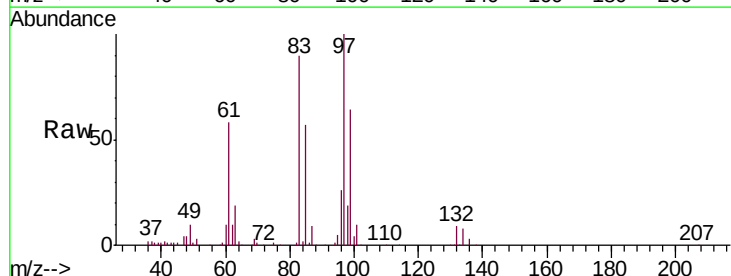
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

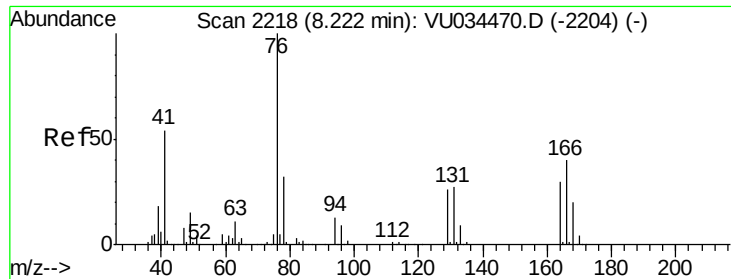
Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.6	25.3	37.9
39	38.7	31.0	46.4



#52
 1,1,2-Trichloroethane
 Concen: 8.464 ug/l
 RT: 8.04 min Scan# 2163
 Delta R.T. 0.00 min
 Lab File: VU034470.D
 Acq: 11 Sep 2019 11:34

Tgt Ion	Ratio	Lower	Upper
97	100		
83	90.6	72.5	108.7
85	56.7	45.4	68.0
99	64.1	51.3	76.9





#53

1,3-Dichloropropane

Concen: 8.695 ug/l

RT: 8.22 min Scan# 2218

Delta R.T. 0.00 min

Lab File: VU034470.D

Acq: 11 Sep 2019 11:34

Instrument :

MSVOA_U

ClientSampleId :

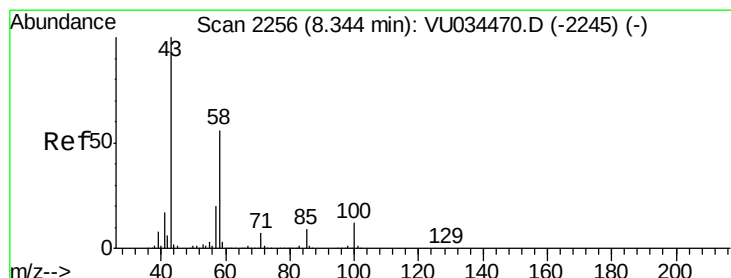
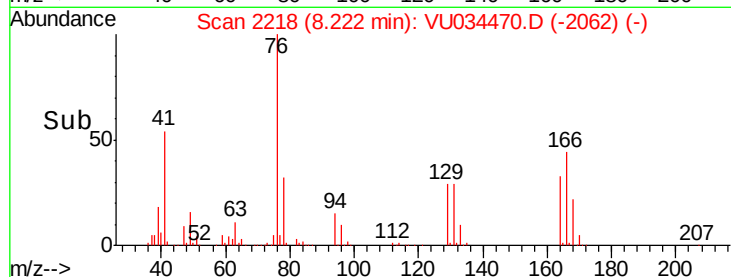
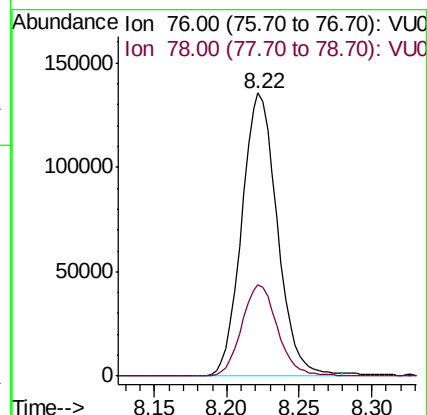
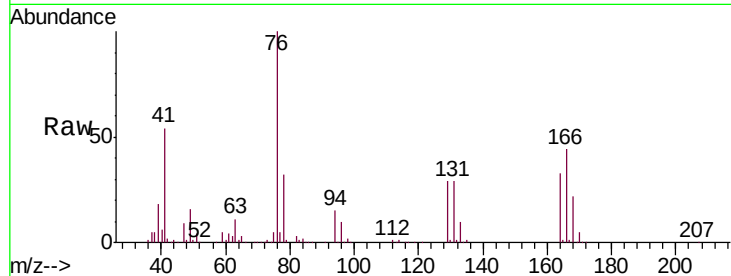
VSTDICCC010

Tgt Ion: 76 Resp: 231453

Ion Ratio Lower Upper

76 100

78 32.6 26.1 39.1



#54

2-Hexanone

Concen: 45.135 ug/l

RT: 8.34 min Scan# 2256

Delta R.T. 0.00 min

Lab File: VU034470.D

Acq: 11 Sep 2019 11:34

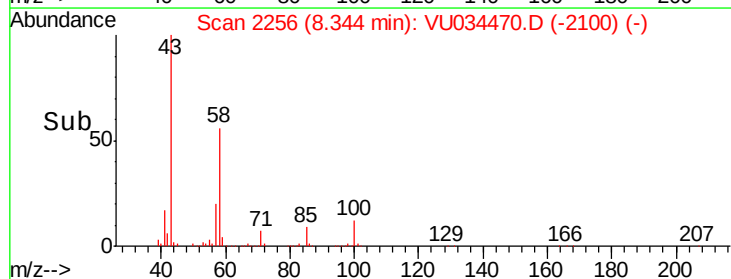
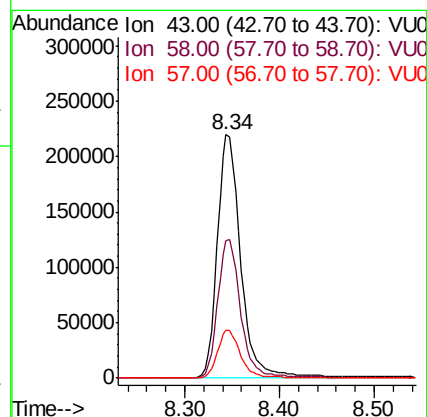
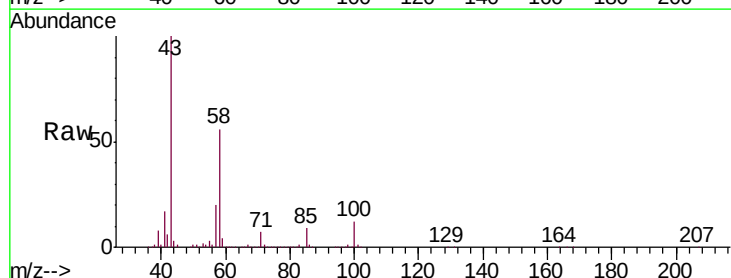
Tgt Ion: 43 Resp: 376440

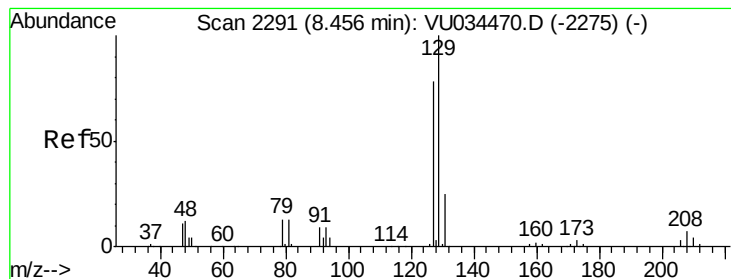
Ion Ratio Lower Upper

43 100

58 56.4 36.4 76.4

57 19.5 0.0 39.5





#55

Dibromochloromethane

Concen: 9.158 ug/l

RT: 8.46 min Scan# 2291

Delta R.T. 0.00 min

Lab File: VU034470.D

Acq: 11 Sep 2019 11:34

Instrument :

MSVOA_U

ClientSampleId :

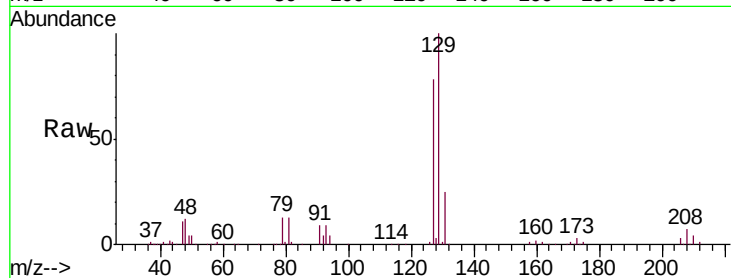
VSTDICCC010

Tgt Ion:129 Resp: 169569

Ion Ratio Lower Upper

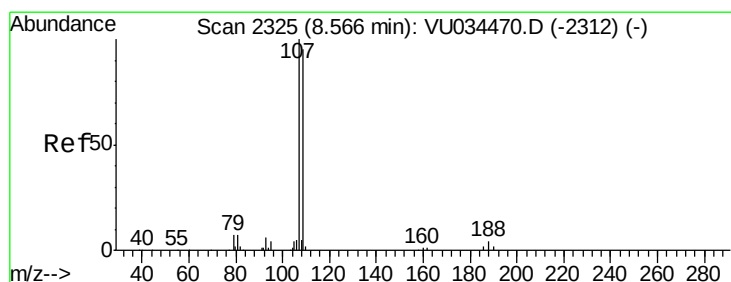
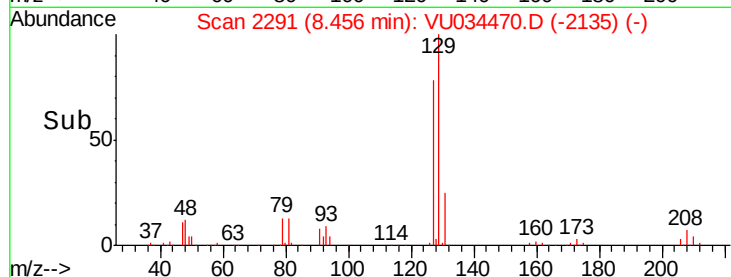
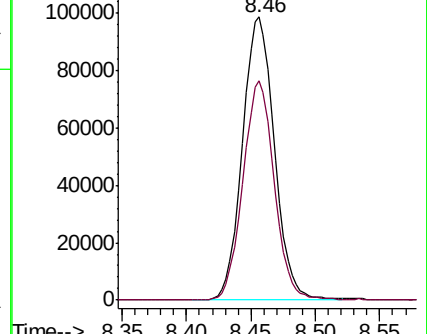
129 100

127 76.1 60.9 91.3



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#56

1,2-Dibromoethane

Concen: 8.540 ug/l

RT: 8.57 min Scan# 2325

Delta R.T. 0.00 min

Lab File: VU034470.D

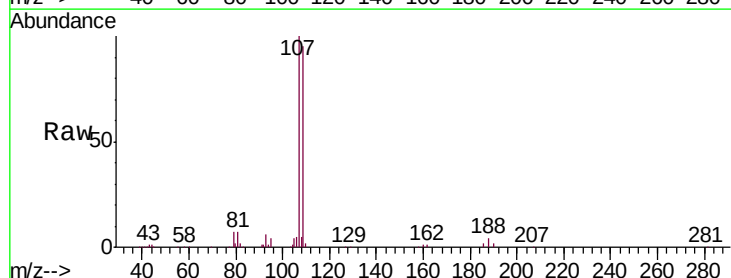
Acq: 11 Sep 2019 11:34

Tgt Ion:107 Resp: 124895

Ion Ratio Lower Upper

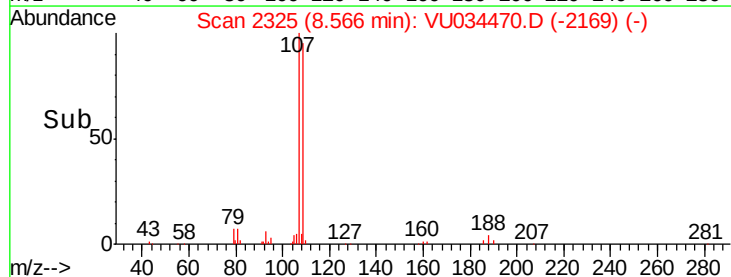
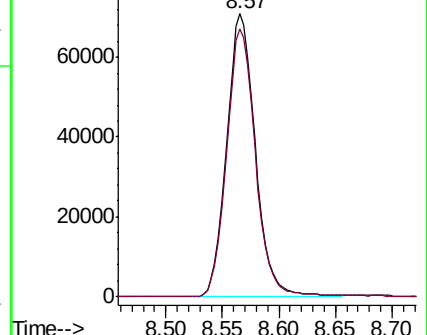
107 100

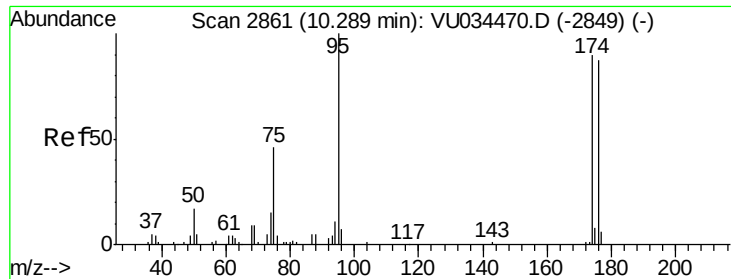
109 95.4 0.0 190.8



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

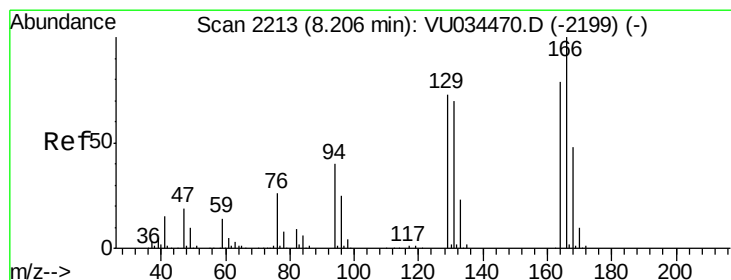
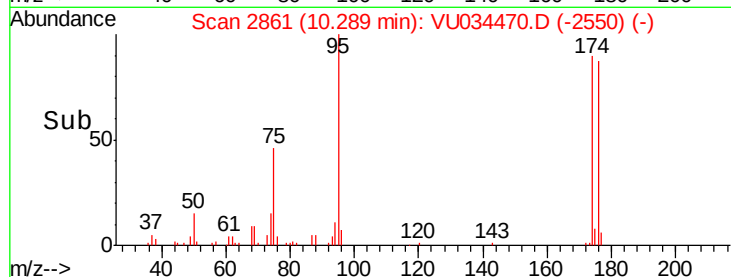
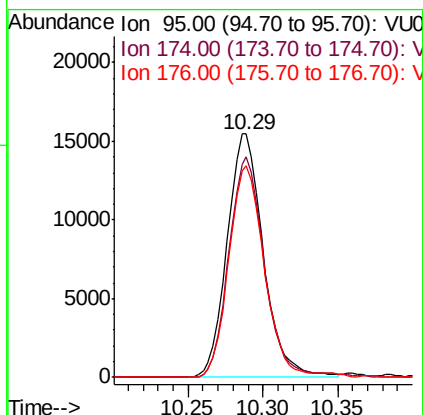
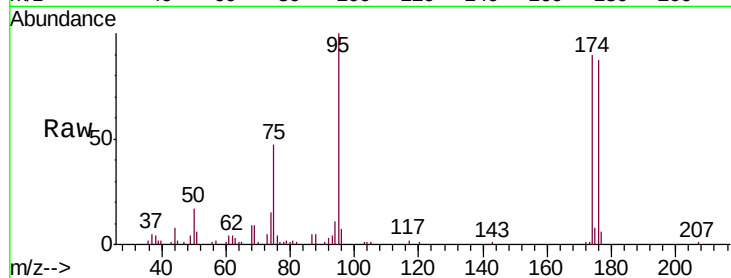




#57
4-Bromofluorobenzene
Concen: 1.016 ug/l
RT: 10.29 min Scan# 2861
Delta R.T. 0.00 min
Lab File: VU034470.D
Acq: 11 Sep 2019 11:34

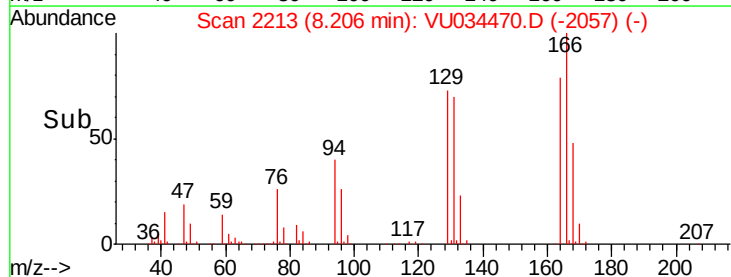
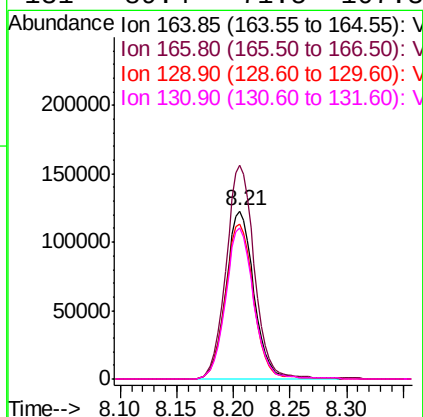
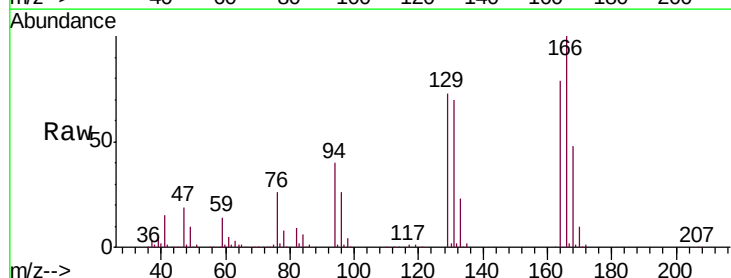
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

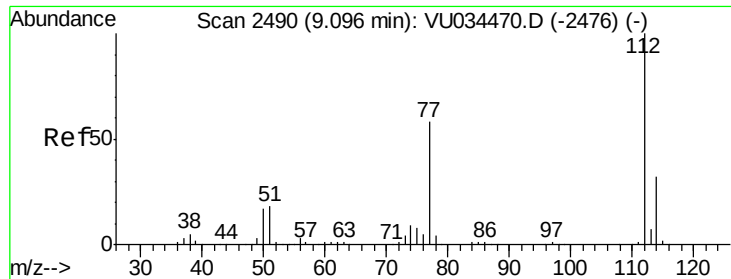
Tgt Ion: 95 Resp: 26114
Ion Ratio Lower Upper
95 100
174 87.6 70.1 105.1
176 84.6 67.7 101.5



#58
Tetrachloroethene
Concen: 10.980 ug/l
RT: 8.21 min Scan# 2213
Delta R.T. 0.00 min
Lab File: VU034470.D
Acq: 11 Sep 2019 11:34

Tgt Ion: 164 Resp: 212215
Ion Ratio Lower Upper
164 100
166 126.9 101.5 152.3
129 92.3 73.8 110.8
131 89.4 71.5 107.3





#59

Chlorobenzene

Concen: 10.346 ug/l

RT: 9.10 min Scan# 2490

Delta R.T. 0.00 min

Lab File: VU034470.D

Acq: 11 Sep 2019 11:34

Instrument :

MSVOA_U

ClientSampleId :

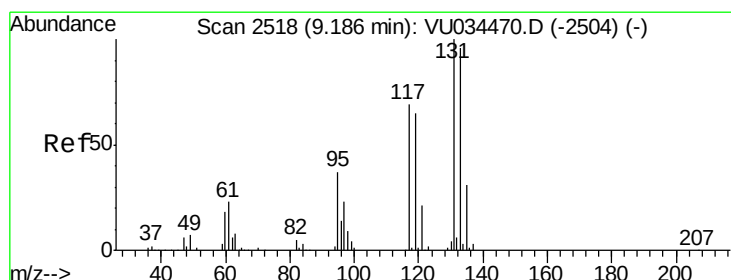
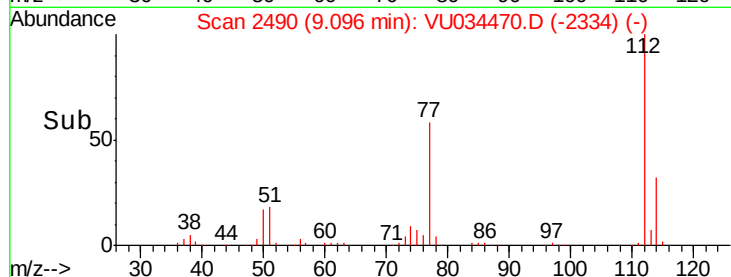
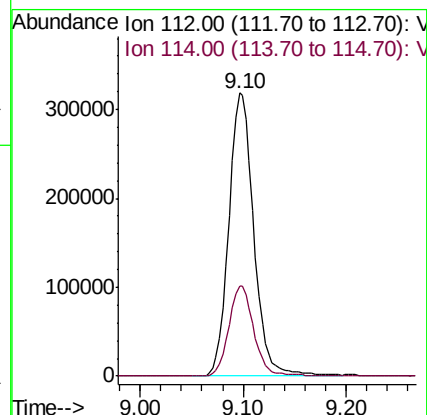
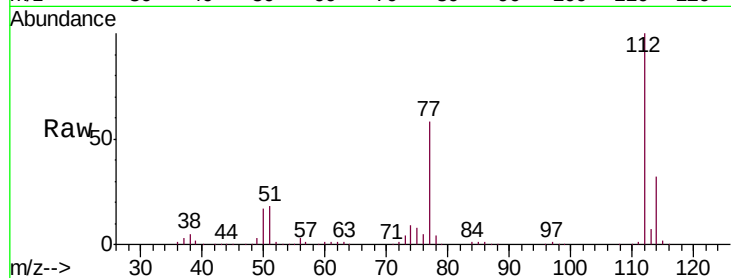
VSTDICCC010

Tgt Ion:112 Resp: 538102

Ion Ratio Lower Upper

112 100

114 32.0 25.6 38.4



#60

1,1,1,2-Tetrachloroethane

Concen: 9.678 ug/l

RT: 9.19 min Scan# 2518

Delta R.T. 0.00 min

Lab File: VU034470.D

Acq: 11 Sep 2019 11:34

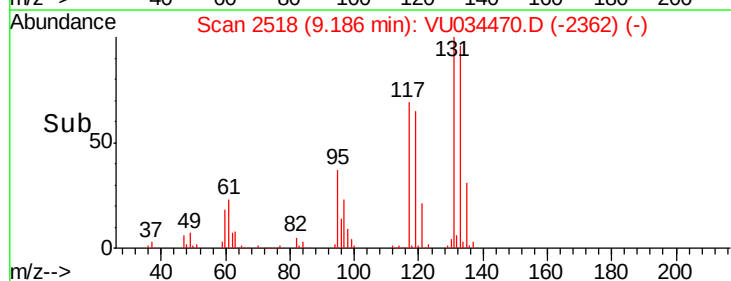
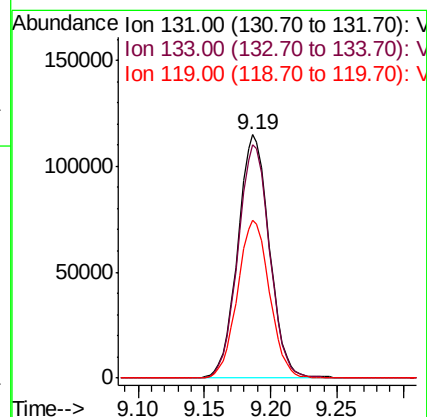
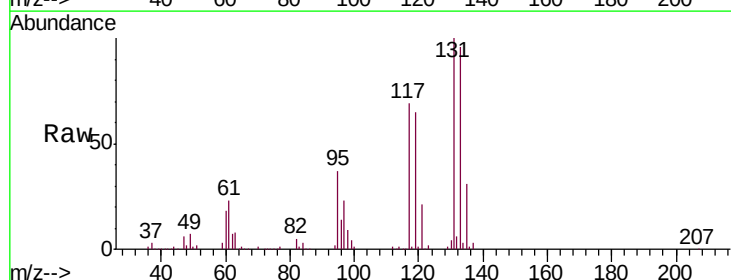
Tgt Ion:131 Resp: 190962

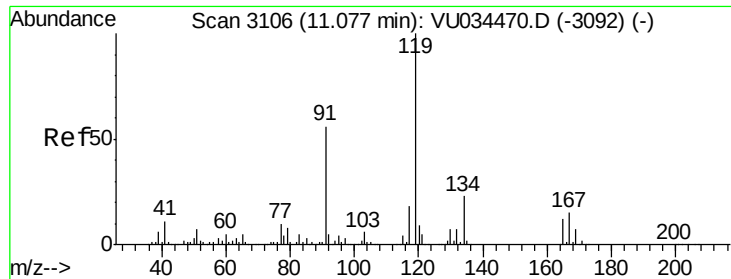
Ion Ratio Lower Upper

131 100

133 96.0 76.8 115.2

119 65.5 52.4 78.6

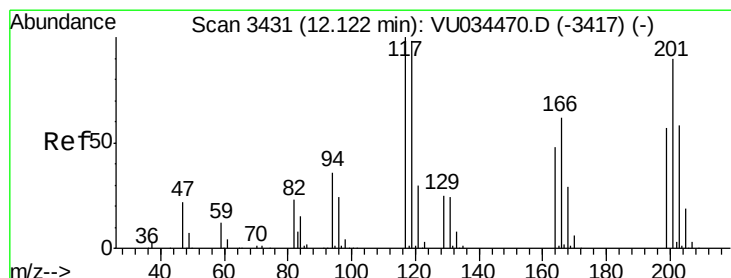
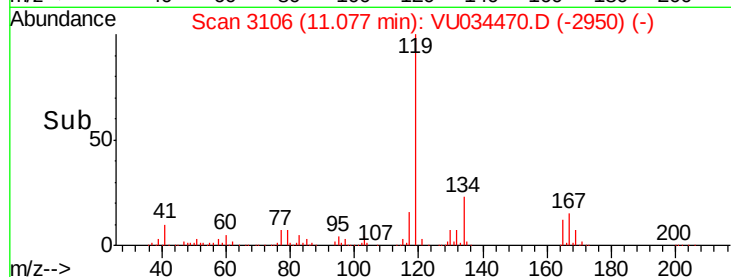
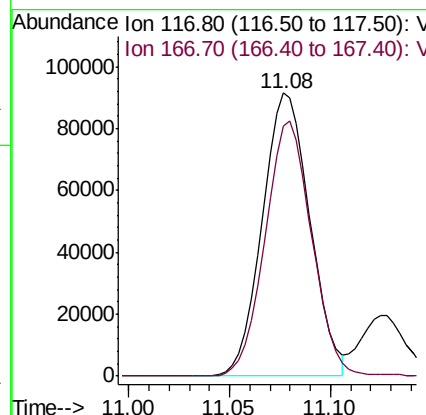
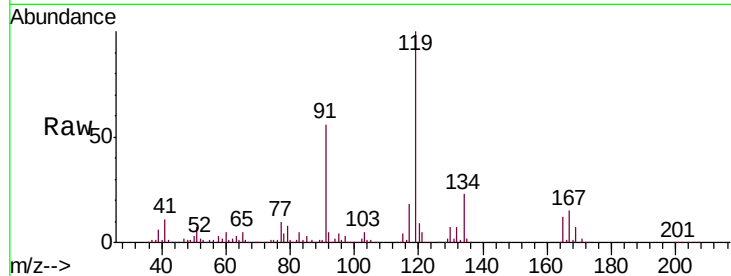




#61
 Pentachloroethane
 Concen: 9.313 ug/l
 RT: 11.08 min Scan# 3106
 Delta R.T. 0.00 min
 Lab File: VU034470.D
 Acq: 11 Sep 2019 11:34

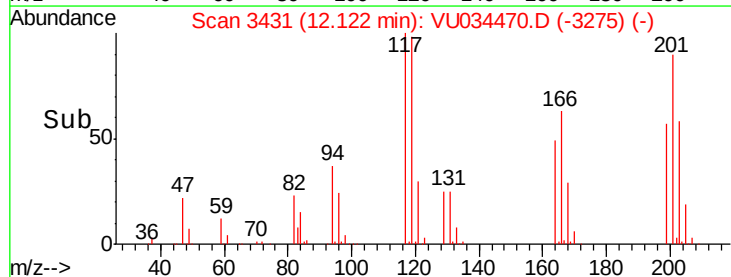
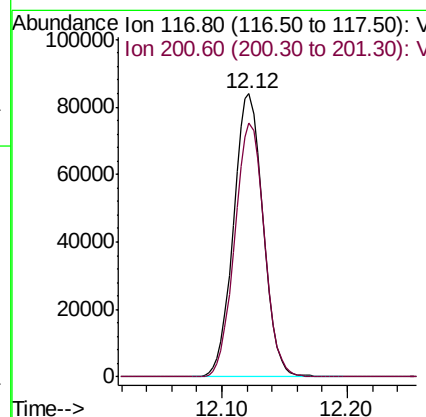
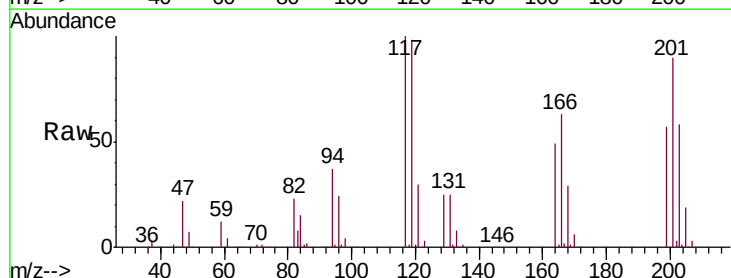
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

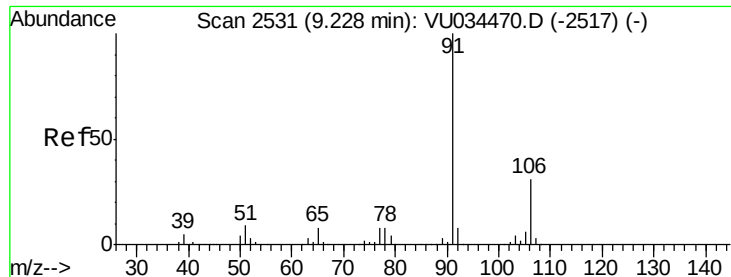
Tgt Ion:117 Resp: 150079
 Ion Ratio Lower Upper
 117 100
 167 88.4 70.7 106.1



#62
 Hexachloroethane
 Concen: 8.921 ug/l
 RT: 12.12 min Scan# 3431
 Delta R.T. 0.00 min
 Lab File: VU034470.D
 Acq: 11 Sep 2019 11:34

Tgt Ion:117 Resp: 137150
 Ion Ratio Lower Upper
 117 100
 201 89.8 71.8 107.8

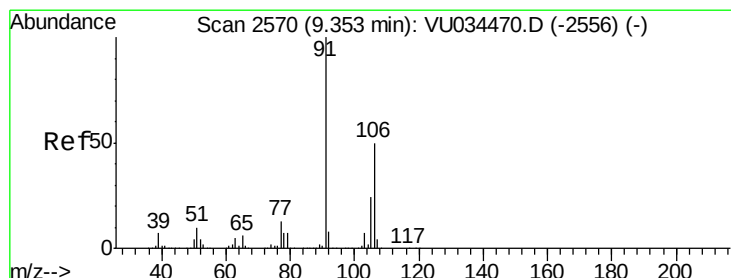
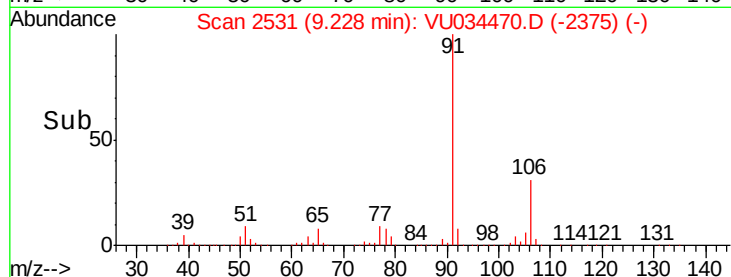
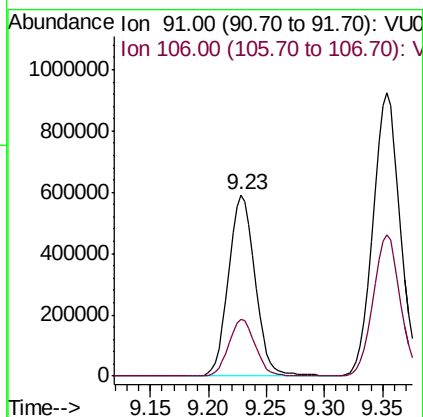
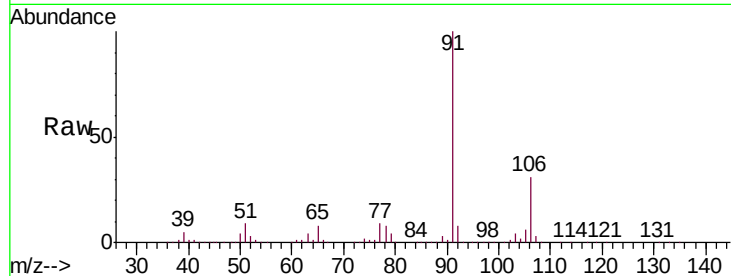




#63
Ethyl Benzene
Concen: 11.201 ug/l
RT: 9.23 min Scan# 2531
Delta R.T. 0.00 min
Lab File: VU034470.D
Acq: 11 Sep 2019 11:34

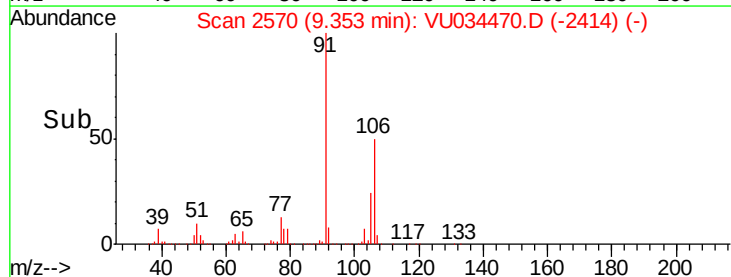
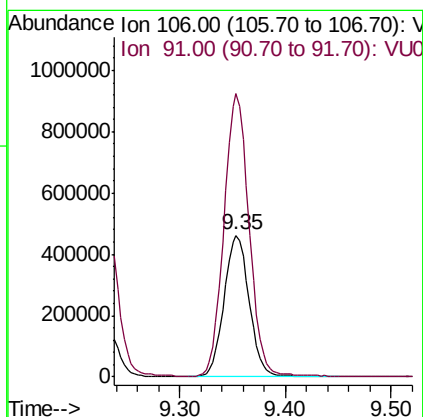
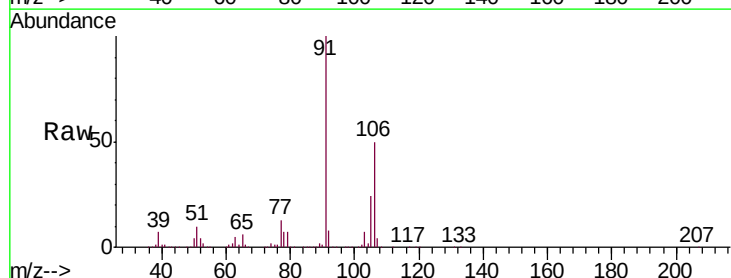
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

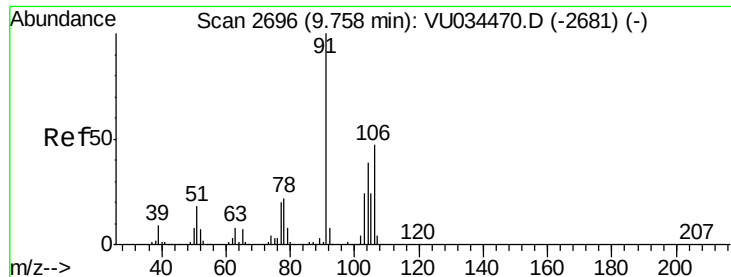
Tgt Ion: 91 Resp: 936282
Ion Ratio Lower Upper
91 100
106 31.5 25.2 37.8



#64
m/p-Xylenes
Concen: 22.657 ug/l
RT: 9.35 min Scan# 2570
Delta R.T. 0.00 min
Lab File: VU034470.D
Acq: 11 Sep 2019 11:34

Tgt Ion: 106 Resp: 759009
Ion Ratio Lower Upper
106 100
91 202.2 161.8 242.6





#65

o-Xylene

Concen: 11.164 ug/l

RT: 9.76 min Scan# 2696

Delta R.T. 0.00 min

Lab File: VU034470.D

Acq: 11 Sep 2019 11:34

Instrument :

MSVOA_U

ClientSampleId :

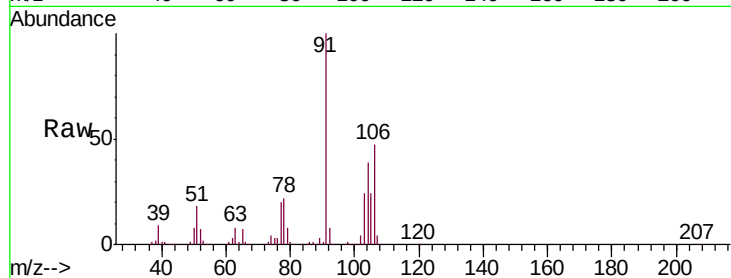
VSTDICCC010

Tgt Ion:106 Resp: 357960

Ion Ratio Lower Upper

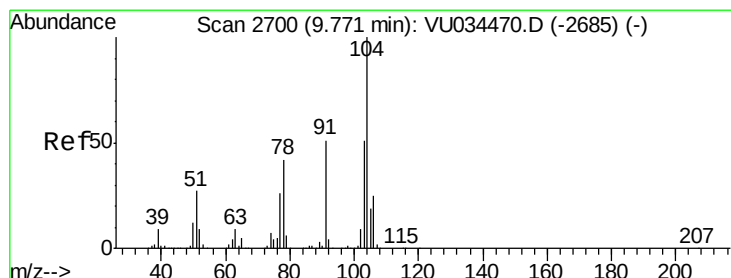
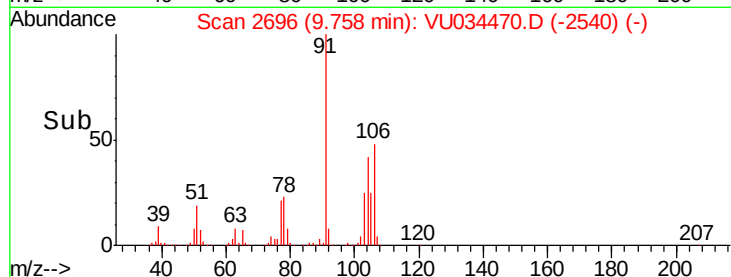
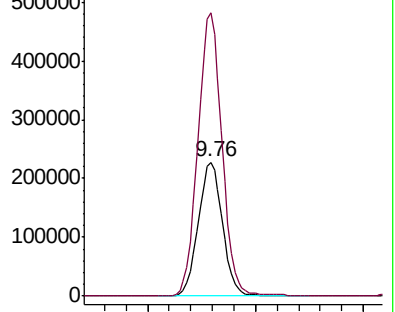
106 100

91 209.3 104.7 313.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#66

Styrene

Concen: 11.419 ug/l

RT: 9.77 min Scan# 2700

Delta R.T. 0.00 min

Lab File: VU034470.D

Acq: 11 Sep 2019 11:34

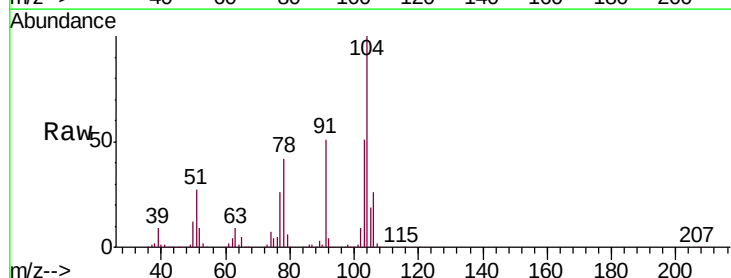
Tgt Ion:104 Resp: 618216

Ion Ratio Lower Upper

104 100

78 47.2 37.8 56.6

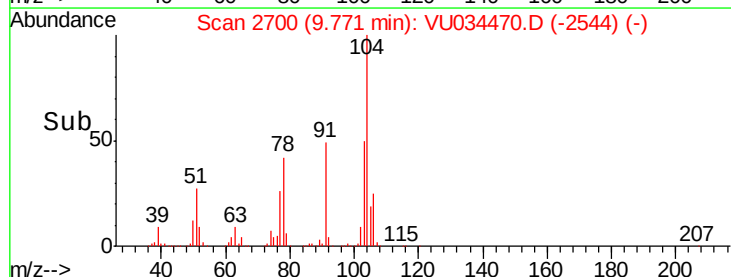
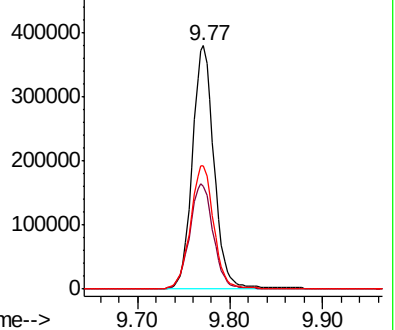
103 54.8 43.8 65.8

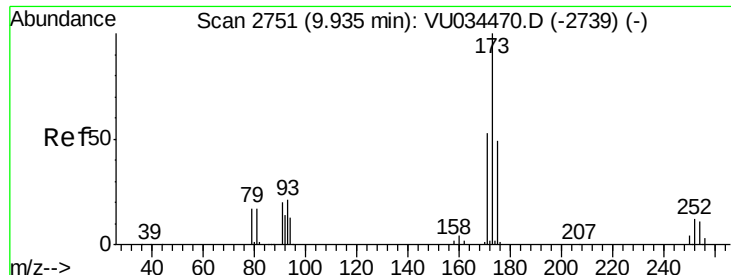


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VU0

Ion 103.00 (102.70 to 103.70): V

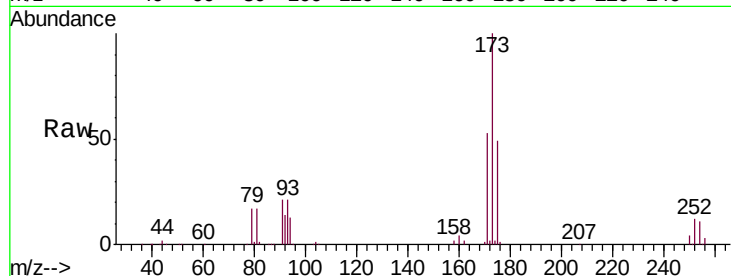




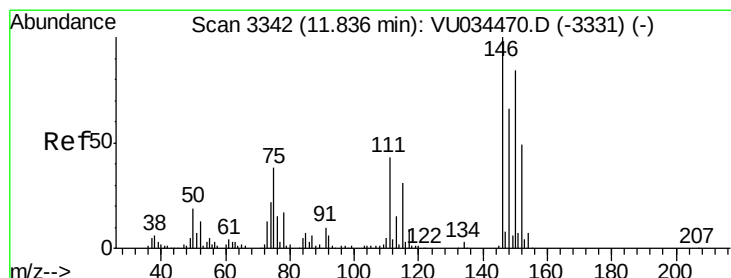
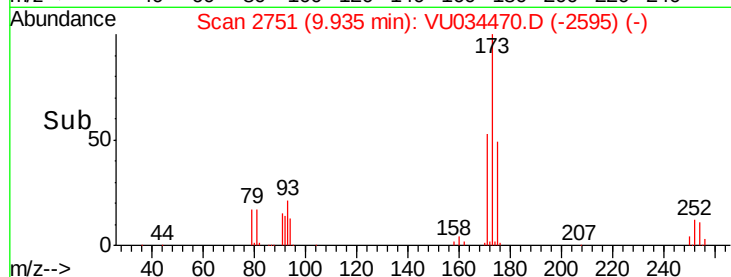
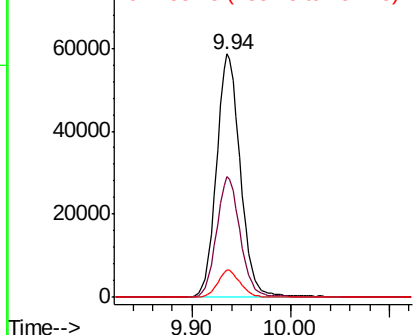
#67
 Bromoform
 Concen: 9.863 ug/l
 RT: 9.94 min Scan# 2751
 Delta R.T. 0.00 min
 Lab File: VU034470.D
 Acq: 11 Sep 2019 11:34

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

Tgt Ion:173 Resp: 99747
 Ion Ratio Lower Upper
 173 100
 175 48.9 39.1 58.7
 254 10.8 8.6 13.0

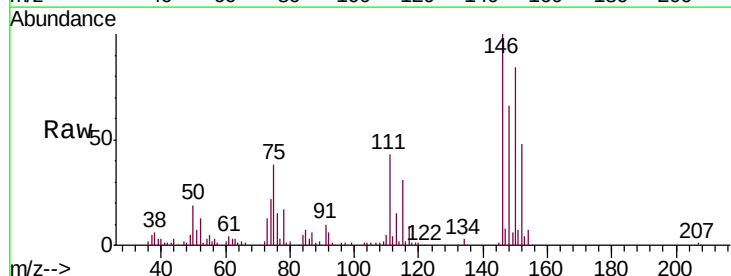


Abundance Ion 172.90 (172.60 to 173.60): V
 Ion 174.90 (174.60 to 175.60): V
 Ion 253.75 (253.45 to 254.45): V

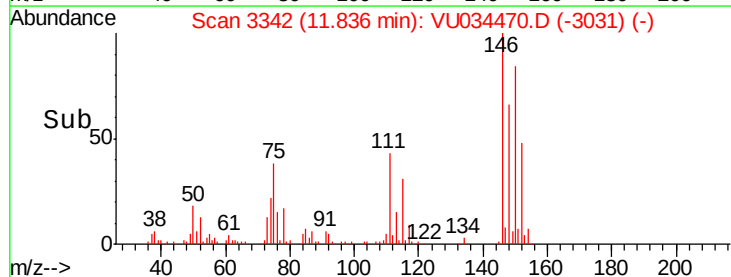
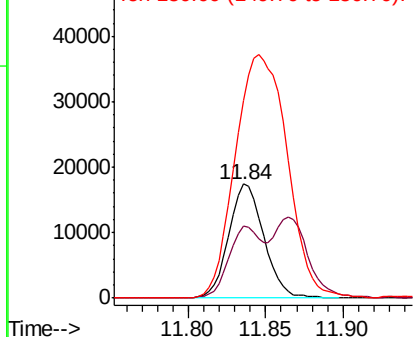


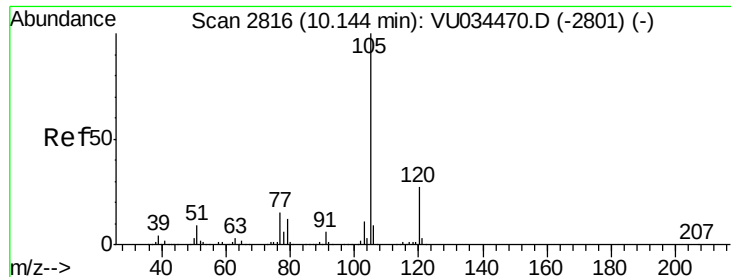
#68
 1,2-Dichlorobenzene-d4
 Concen: 1.021 ug/l
 RT: 11.84 min Scan# 3342
 Delta R.T. 0.00 min
 Lab File: VU034470.D
 Acq: 11 Sep 2019 11:34

Tgt Ion:152 Resp: 27461
 Ion Ratio Lower Upper
 152 100
 115 63.3 0.0 126.6
 150 316.8 0.0 633.6



Abundance Ion 152.00 (151.70 to 152.70): V
 Ion 115.00 (114.70 to 115.70): V
 Ion 150.00 (149.70 to 150.70): V





#69

Isopropylbenzene

Concen: 11.369 ug/l

RT: 10.14 min Scan# 2816

Delta R.T. 0.00 min

Lab File: VU034470.D

Acq: 11 Sep 2019 11:34

Instrument :

MSVOA_U

ClientSampleId :

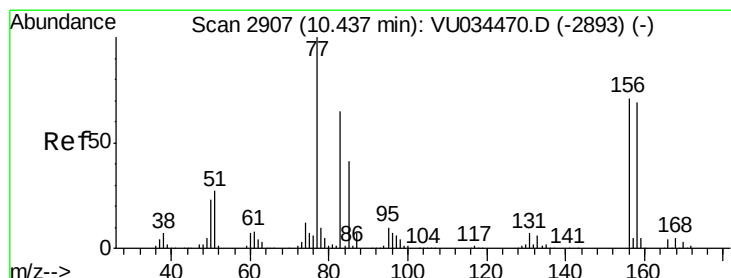
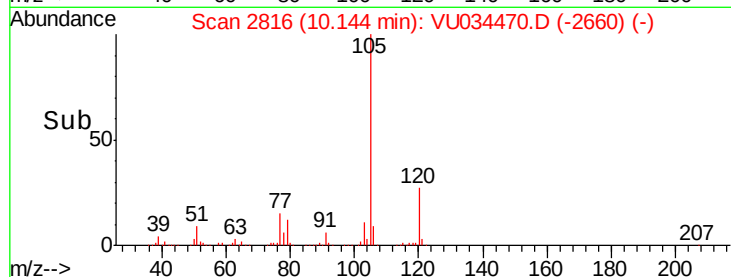
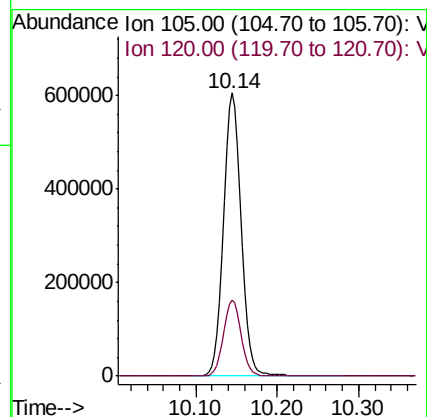
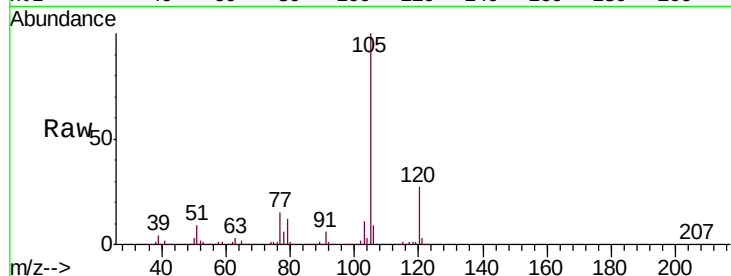
VSTDICCC010

Tgt Ion: 105 Resp: 937211

Ion Ratio Lower Upper

105 100

120 26.8 13.4 40.2



#70

1,1,2,2-Tetrachloroethane

Concen: 8.296 ug/l

RT: 10.44 min Scan# 2907

Delta R.T. 0.00 min

Lab File: VU034470.D

Acq: 11 Sep 2019 11:34

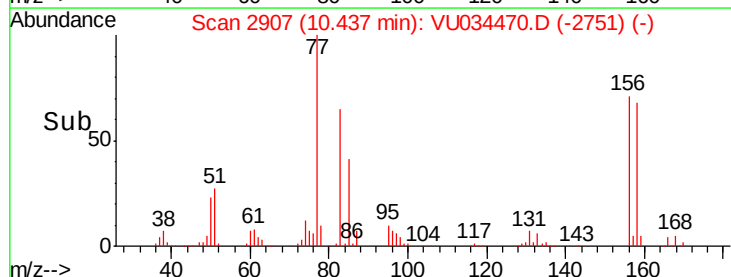
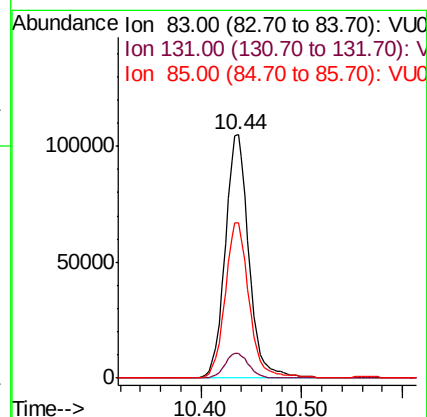
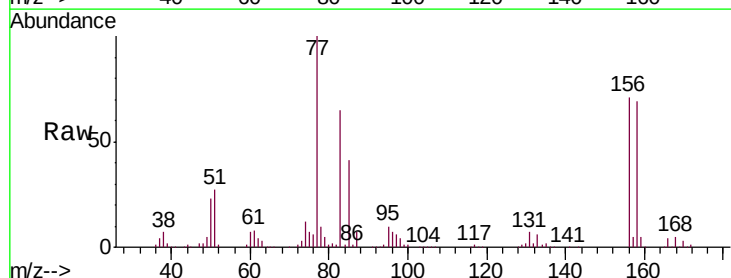
Tgt Ion: 83 Resp: 172421

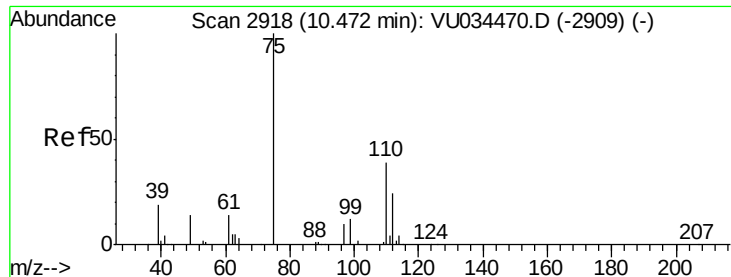
Ion Ratio Lower Upper

83 100

131 10.3 8.2 12.4

85 64.9 51.9 77.9





#71

1,2,3-Trichloropropane

Concen: 6.808 ug/l

RT: 10.47 min Scan# 2918

Delta R.T. 0.00 min

Lab File: VU034470.D

Acq: 11 Sep 2019 11:34

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tgt Ion: 75 Resp: 109660

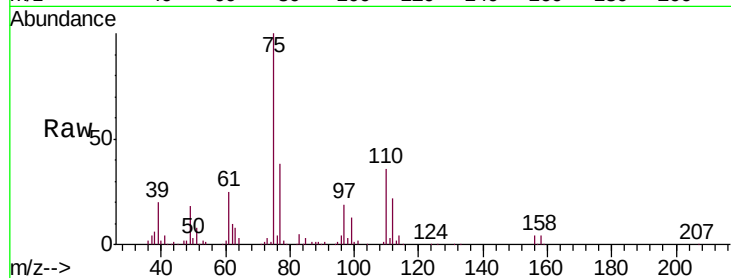
Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

110 39.8 0.0 66.8

97 21.1 0.0 35.6

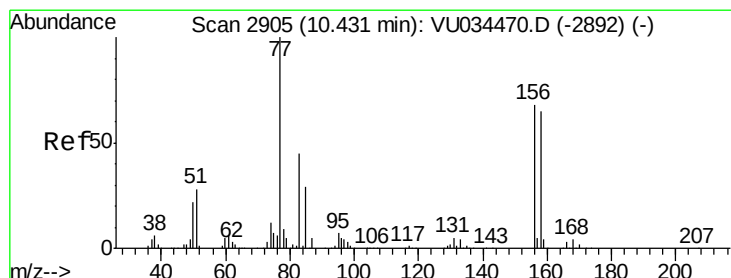
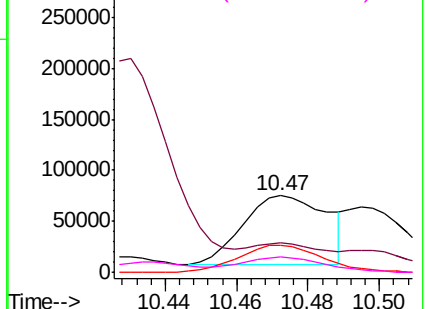
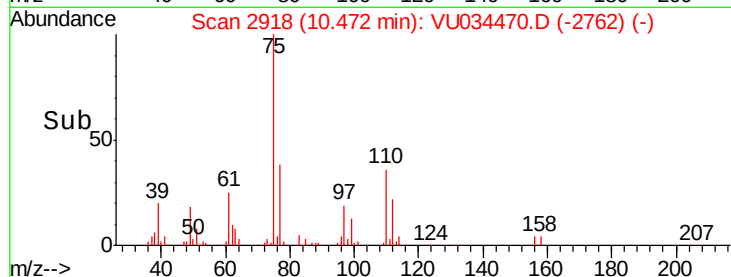


Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

Ion 110.00 (109.70 to 110.70): V

Ion 97.00 (96.70 to 97.70): VU0



#72

Bromobenzene

Concen: 10.789 ug/l

RT: 10.43 min Scan# 2905

Delta R.T. 0.00 min

Lab File: VU034470.D

Acq: 11 Sep 2019 11:34

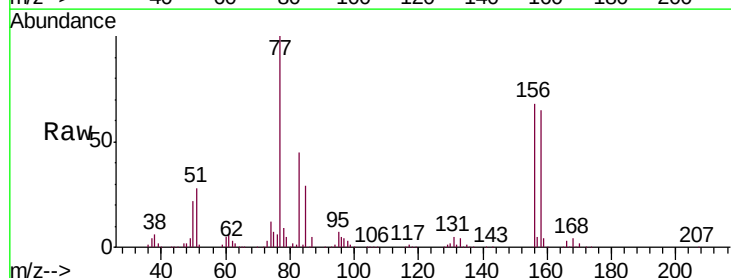
Tgt Ion: 156 Resp: 235330

Ion Ratio Lower Upper

156 100

77 146.8 0.0 293.6

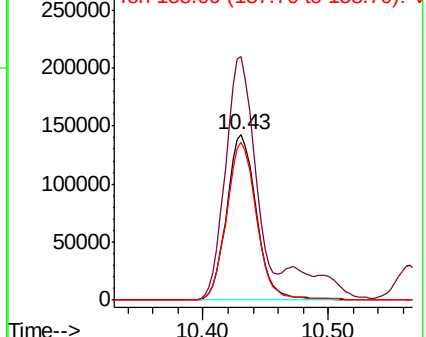
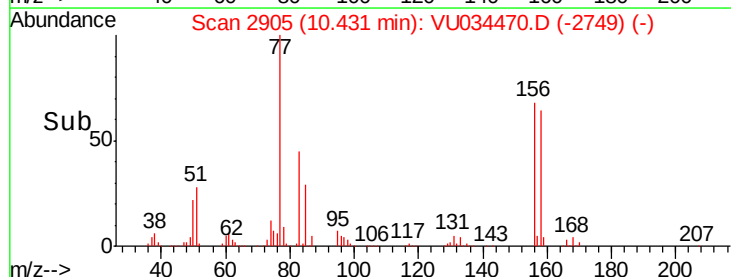
158 96.3 0.0 192.6

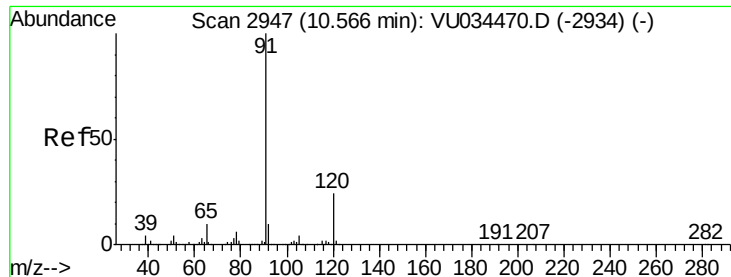


Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 158.00 (157.70 to 158.70): V

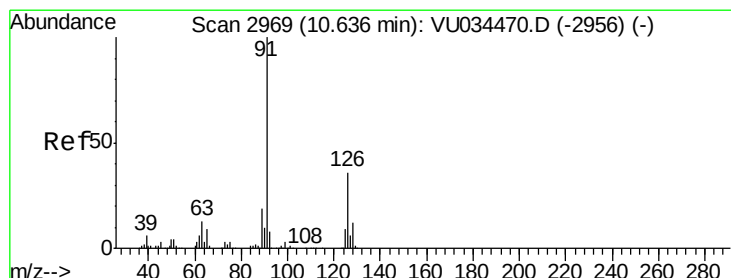
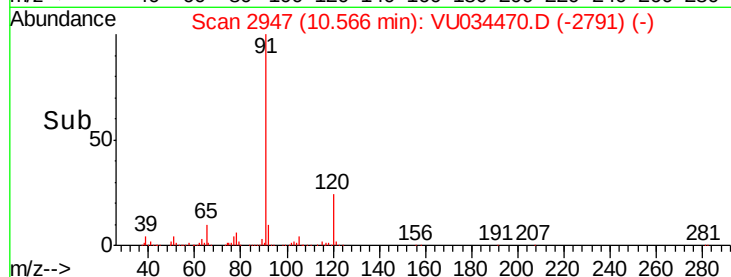
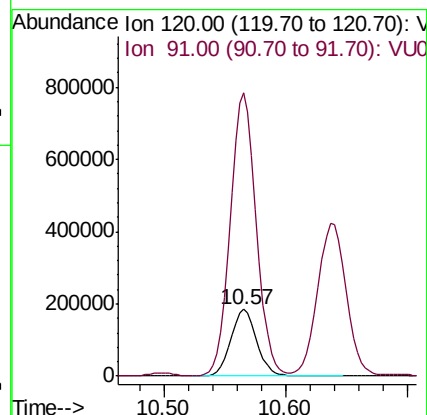
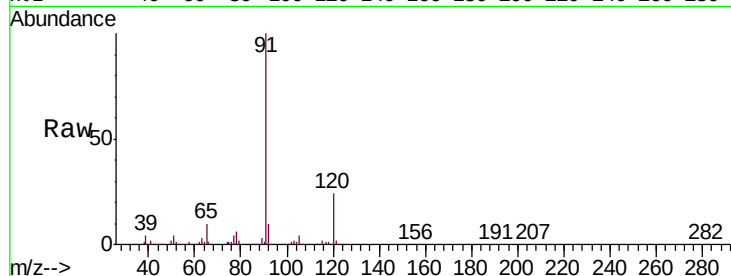




#73
n-propylbenzene
Concen: 11.711 ug/l
RT: 10.57 min Scan# 2947
Delta R.T. 0.00 min
Lab File: VU034470.D
Acq: 11 Sep 2019 11:34

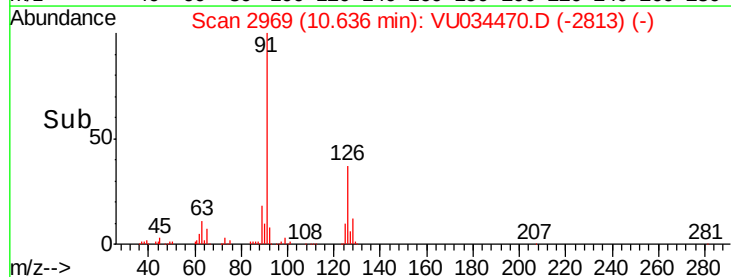
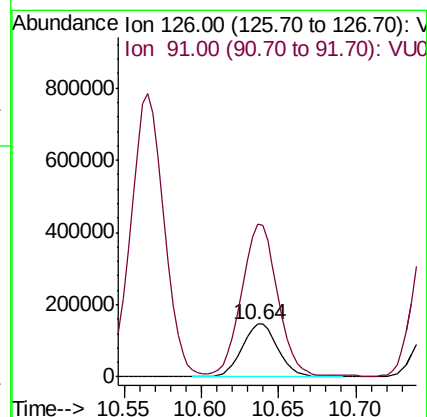
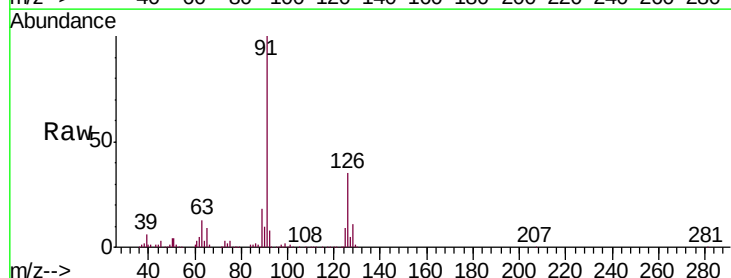
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

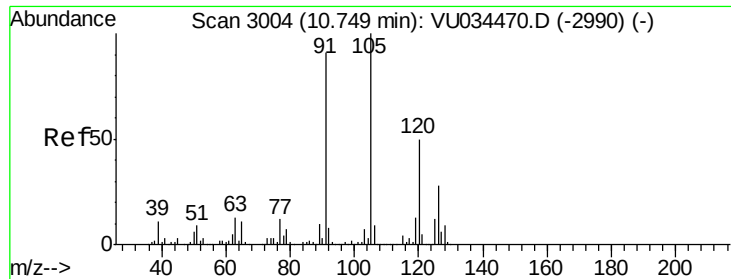
Tgt Ion:120 Resp: 275767
Ion Ratio Lower Upper
120 100
91 423.9 339.1 508.7



#74
2-Chlorotoluene
Concen: 11.031 ug/l
RT: 10.64 min Scan# 2969
Delta R.T. 0.00 min
Lab File: VU034470.D
Acq: 11 Sep 2019 11:34

Tgt Ion:126 Resp: 235770
Ion Ratio Lower Upper
126 100
91 291.2 0.0 582.4





#75

1,3,5-Trimethylbenzene

Concen: 11.538 ug/l

RT: 10.75 min Scan# 3004

Delta R.T. 0.00 min

Lab File: VU034470.D

Acq: 11 Sep 2019 11:34

Instrument :

MSVOA_U

ClientSampleId :

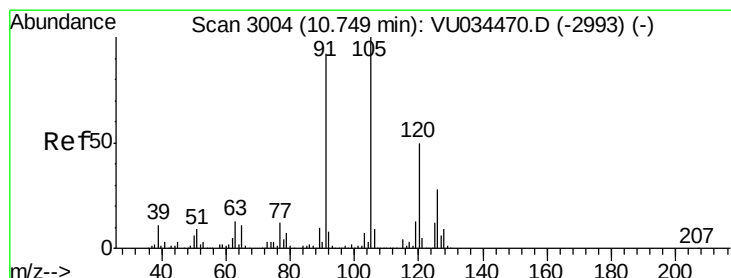
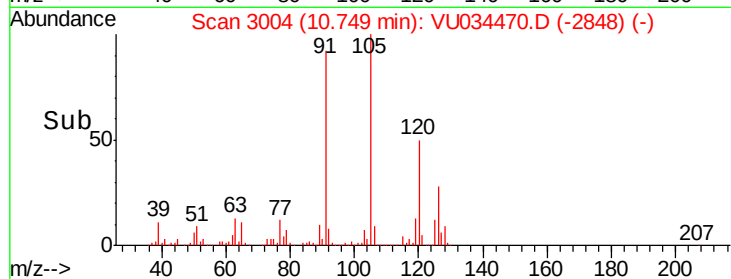
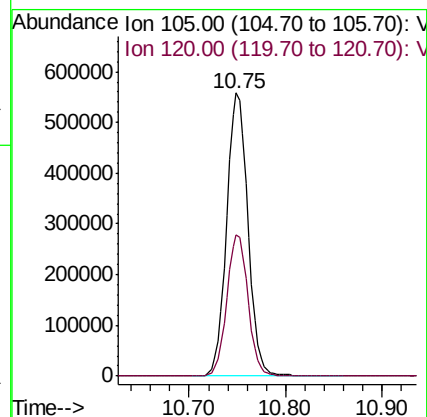
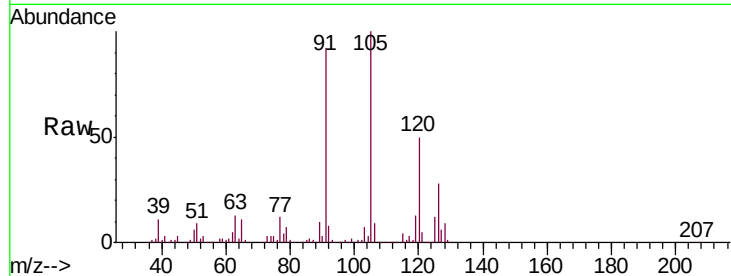
VSTDICCC010

Tgt Ion:105 Resp: 850604

Ion Ratio Lower Upper

105 100

120 49.8 39.8 59.8



#76

4-Chlorotoluene

Concen: 10.761 ug/l

RT: 10.75 min Scan# 3004

Delta R.T. 0.00 min

Lab File: VU034470.D

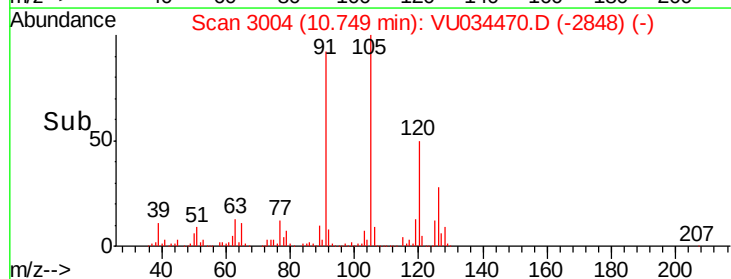
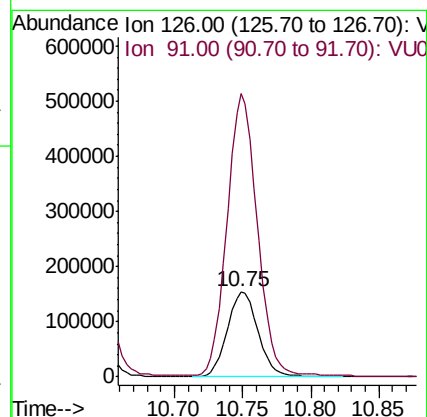
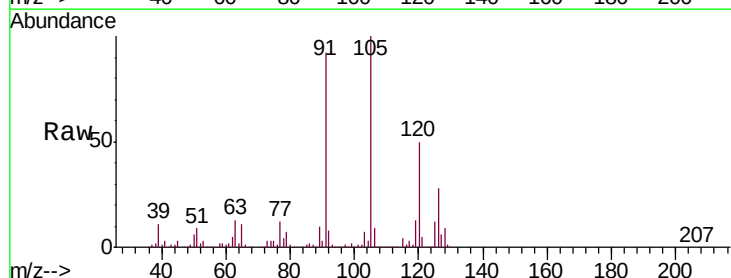
Acq: 11 Sep 2019 11:34

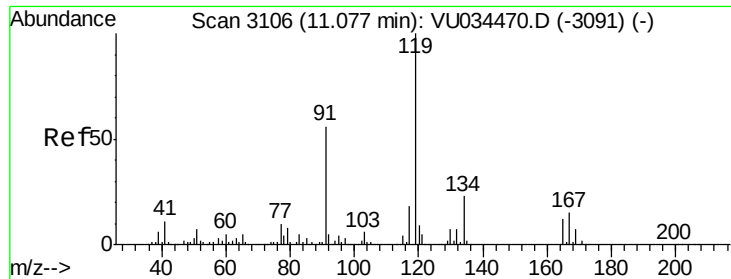
Tgt Ion:126 Resp: 238221

Ion Ratio Lower Upper

126 100

91 333.8 0.0 667.6

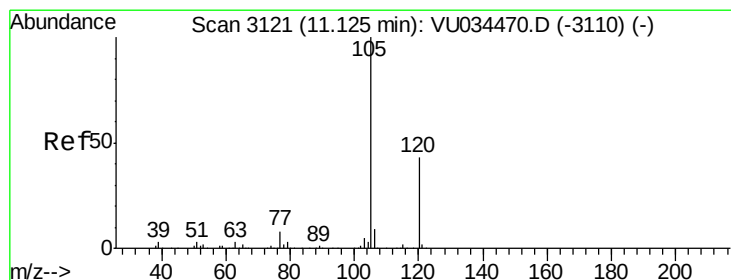
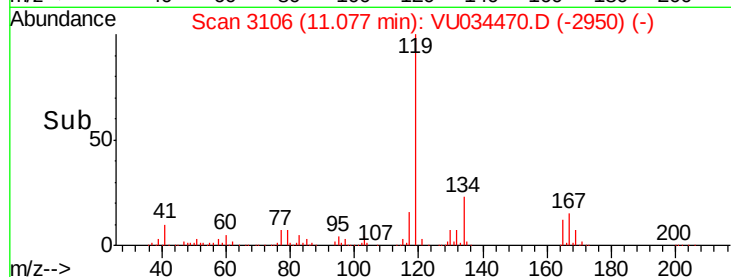
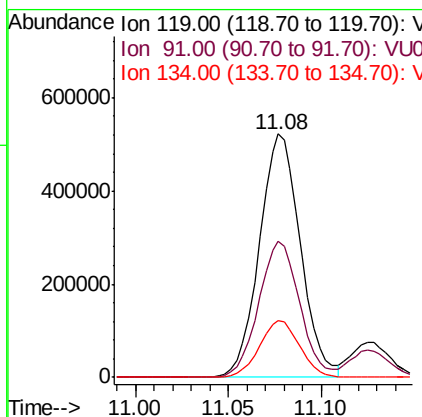
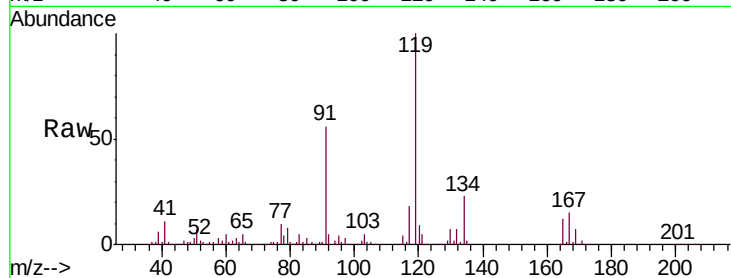




#77
 tert-Butylbenzene
 Concen: 11.437 ug/l
 RT: 11.08 min Scan# 3106
 Delta R.T. 0.00 min
 Lab File: VU034470.D
 Acq: 11 Sep 2019 11:34

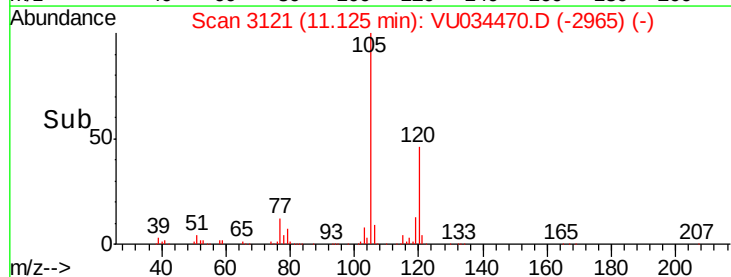
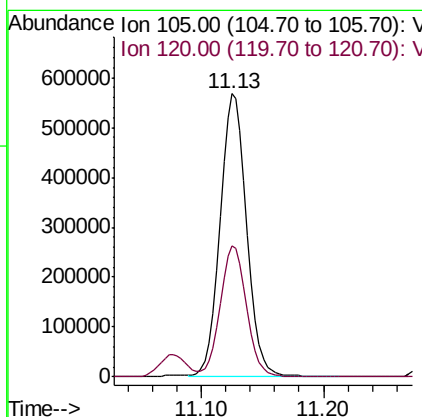
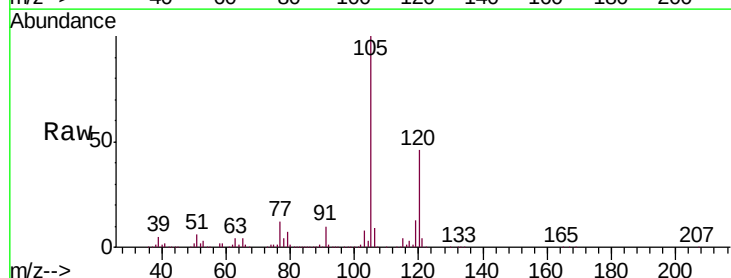
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

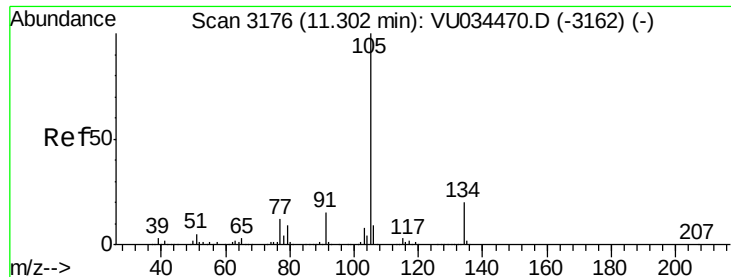
Tgt Ion:119 Resp: 806769
 Ion Ratio Lower Upper
 119 100
 91 55.5 27.8 83.3
 134 23.0 18.4 27.6



#78
 1,2,4-Trimethylbenzene
 Concen: 11.535 ug/l
 RT: 11.13 min Scan# 3121
 Delta R.T. 0.00 min
 Lab File: VU034470.D
 Acq: 11 Sep 2019 11:34

Tgt Ion:105 Resp: 867714
 Ion Ratio Lower Upper
 105 100
 120 46.1 23.1 69.2





#79

sec-Butylbenzene

Concen: 11.243 ug/l

RT: 11.30 min Scan# 3176

Delta R.T. 0.00 min

Lab File: VU034470.D

Acq: 11 Sep 2019 11:34

Instrument :

MSVOA_U

ClientSampleId :

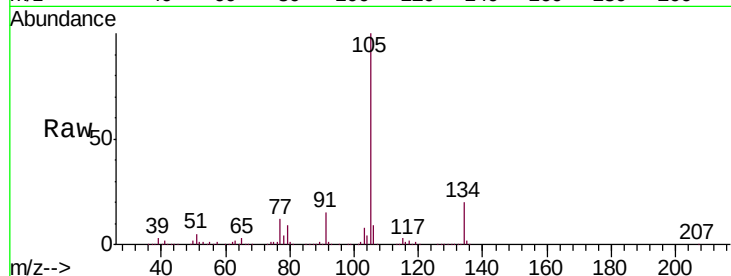
VSTDICCC010

Tgt Ion:105 Resp: 1081350

Ion Ratio Lower Upper

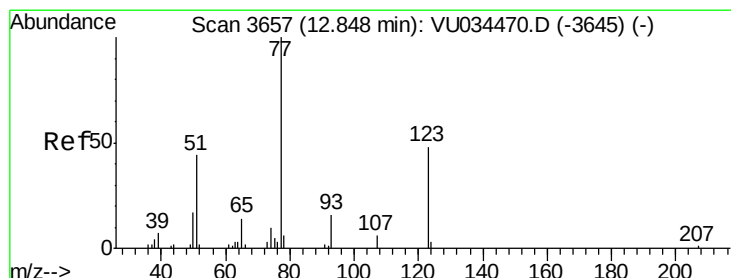
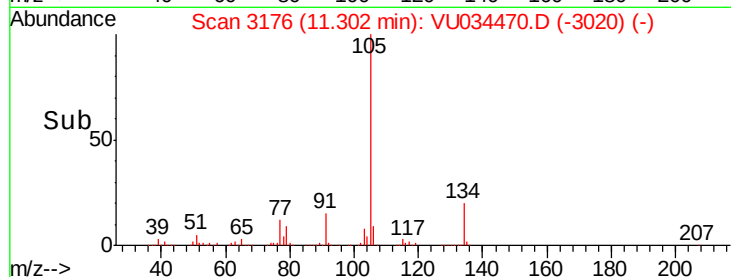
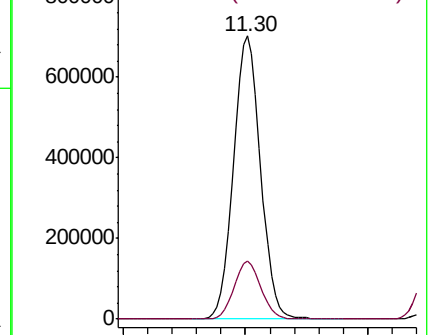
105 100

134 20.4 16.3 24.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#80

Nitrobenzene

Concen: 26.216 ug/l

RT: 12.85 min Scan# 3657

Delta R.T. 0.00 min

Lab File: VU034470.D

Acq: 11 Sep 2019 11:34

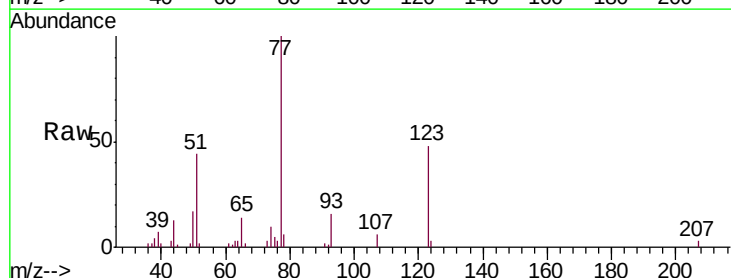
Tgt Ion: 77 Resp: 22060

Ion Ratio Lower Upper

77 100

123 43.2 19.0 67.4

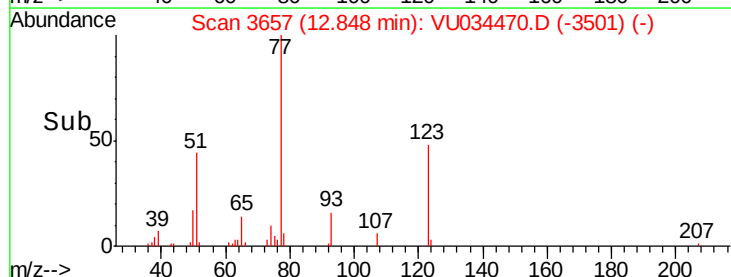
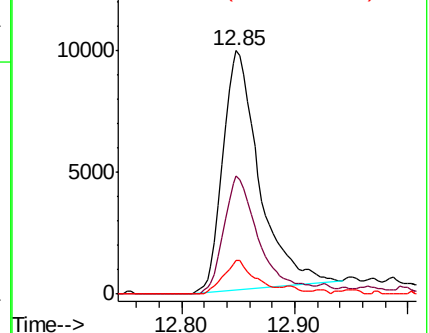
65 9.7 8.5 10.9

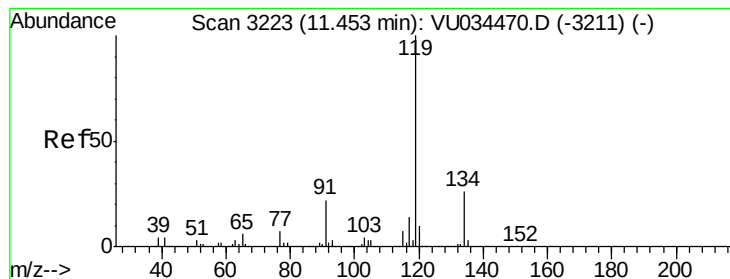


Abundance Ion 77.00 (76.70 to 77.70): VU0

Ion 123.00 (122.70 to 123.70): V

Ion 65.00 (64.70 to 65.70): VU0





#81

p-Isopropyltoluene

Concen: 11.828 ug/l

RT: 11.45 min Scan# 3223

Delta R.T. 0.00 min

Lab File: VU034470.D

Acq: 11 Sep 2019 11:34

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

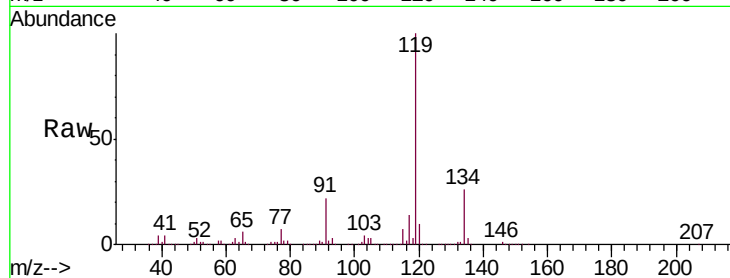
Tgt Ion:119 Resp: 929988

Ion Ratio Lower Upper

119 100

134 26.5 21.2 31.8

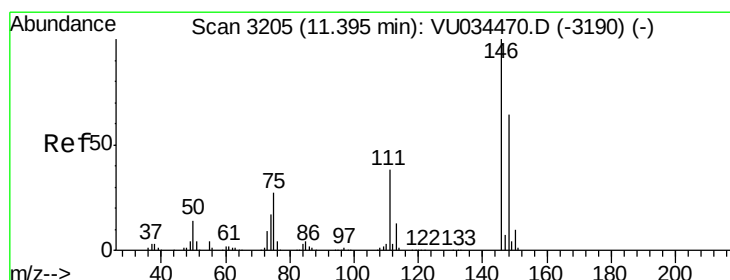
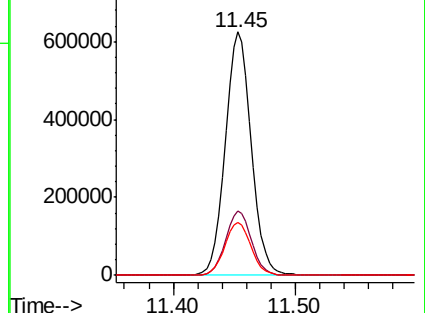
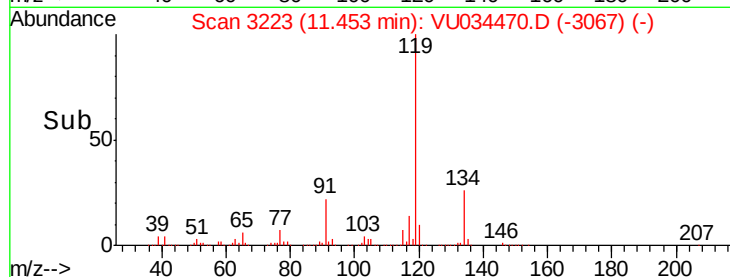
91 22.0 17.6 26.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



#82

1,3-Dichlorobenzene

Concen: 10.418 ug/l

RT: 11.40 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VU034470.D

Acq: 11 Sep 2019 11:34

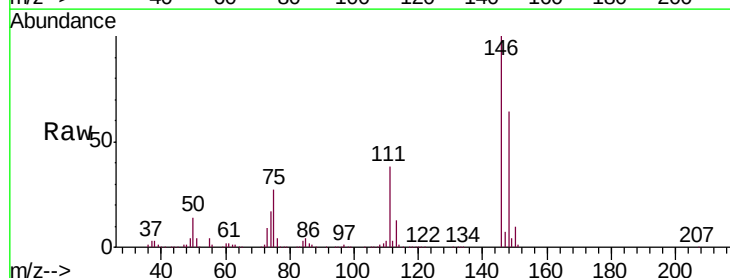
Tgt Ion:146 Resp: 481580

Ion Ratio Lower Upper

146 100

111 38.8 31.0 46.6

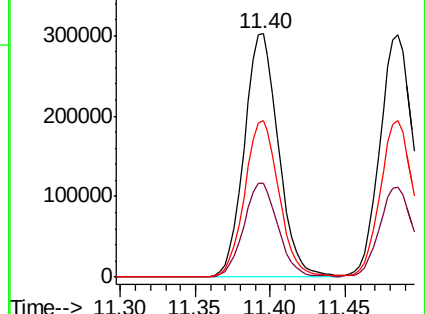
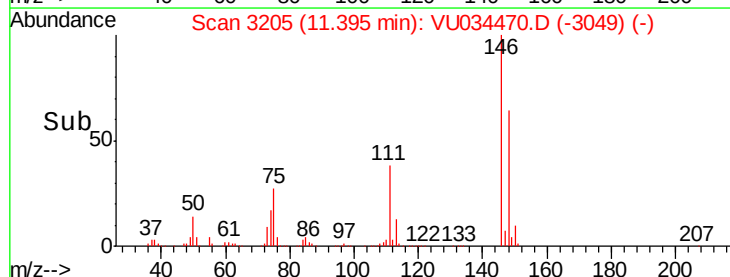
148 64.4 51.5 77.3

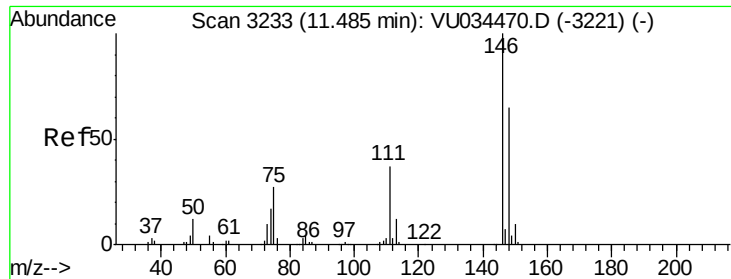


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

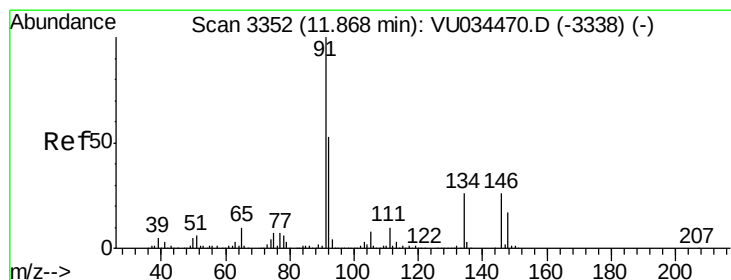
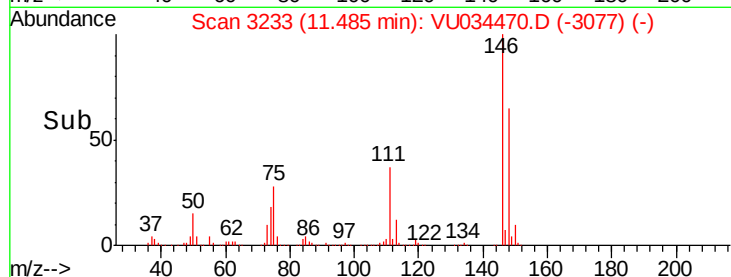
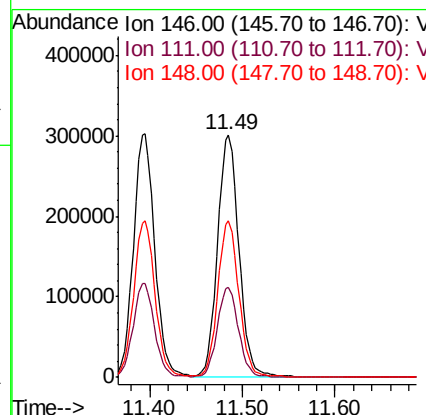
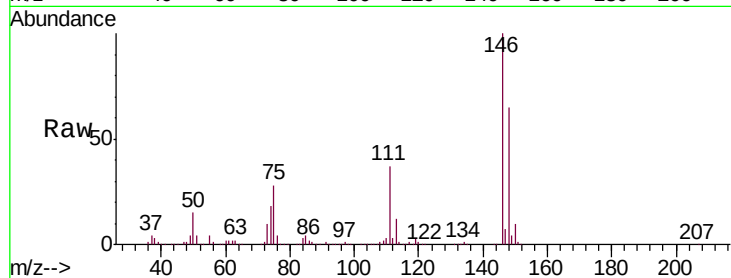




#83
 1,4-Dichlorobenzene
 Concen: 10.553 ug/l
 RT: 11.49 min Scan# 3233
 Delta R.T. 0.00 min
 Lab File: VU034470.D
 Acq: 11 Sep 2019 11:34

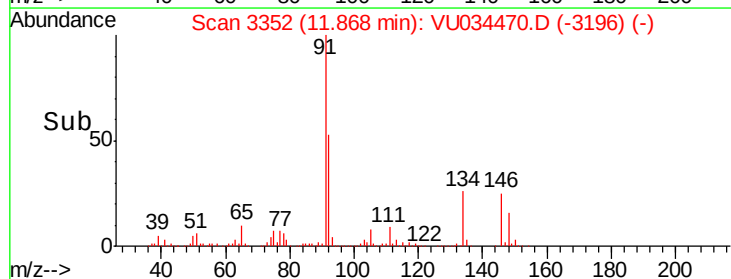
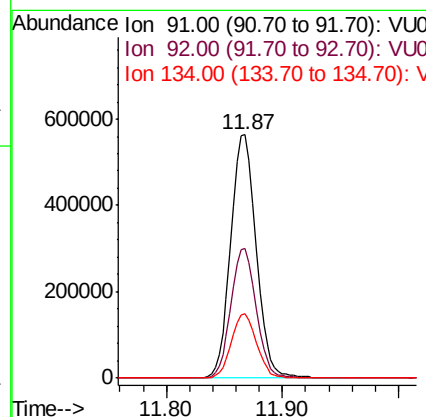
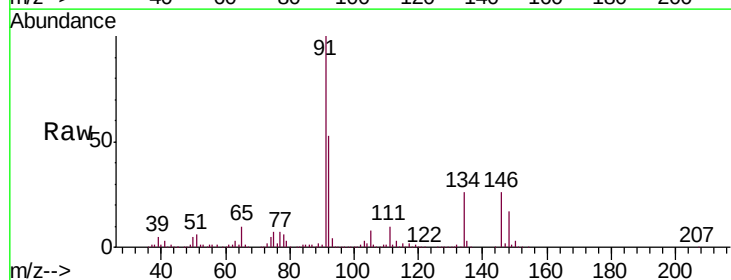
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

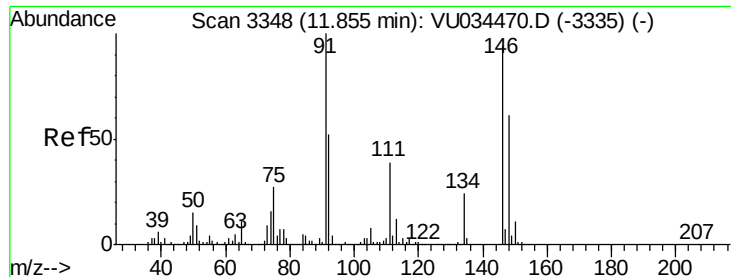
Tgt Ion: 146 Resp: 481561
 Ion Ratio Lower Upper
 146 100
 111 36.9 29.5 44.3
 148 63.7 51.0 76.4



#84
 n-Butylbenzene
 Concen: 10.774 ug/l
 RT: 11.87 min Scan# 3352
 Delta R.T. 0.00 min
 Lab File: VU034470.D
 Acq: 11 Sep 2019 11:34

Tgt Ion: 91 Resp: 853826
 Ion Ratio Lower Upper
 91 100
 92 53.0 42.4 63.6
 134 26.2 21.0 31.4

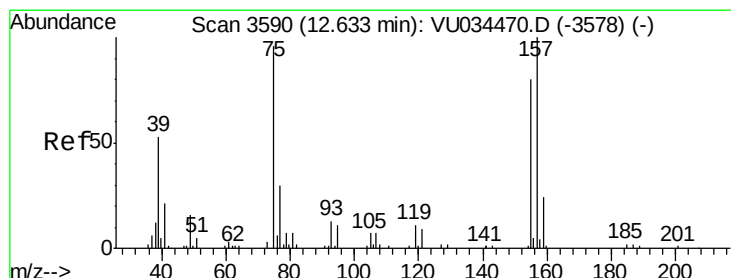
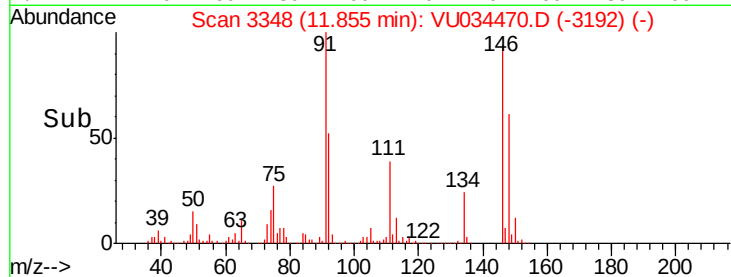
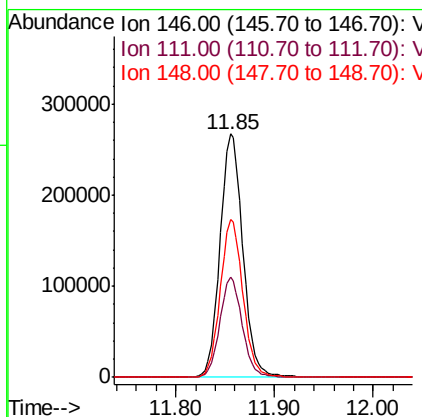
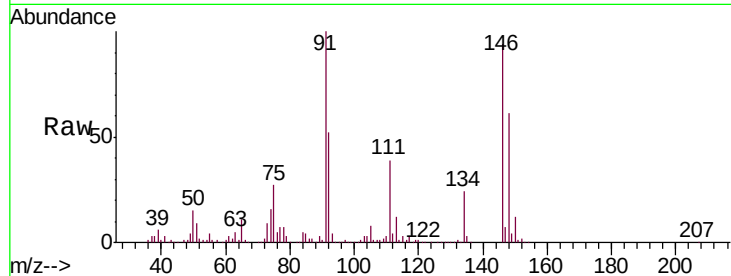




#85
 1,2-Dichlorobenzene
 Concen: 10.089 ug/l
 RT: 11.85 min Scan# 3348
 Delta R.T. 0.00 min
 Lab File: VU034470.D
 Acq: 11 Sep 2019 11:34

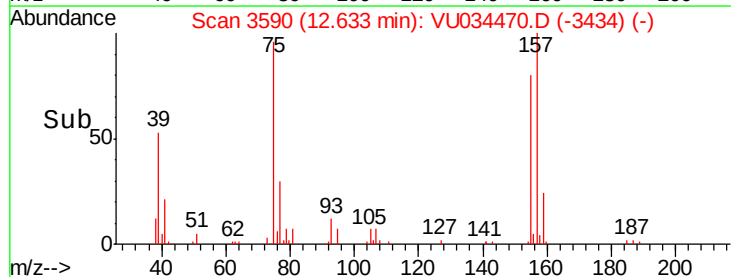
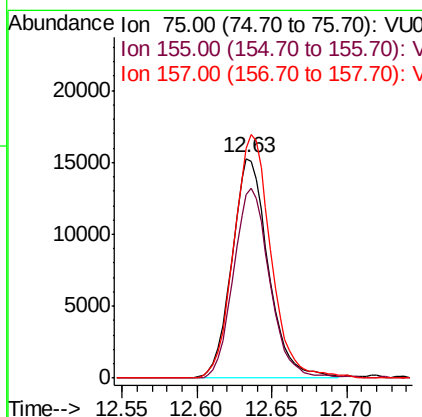
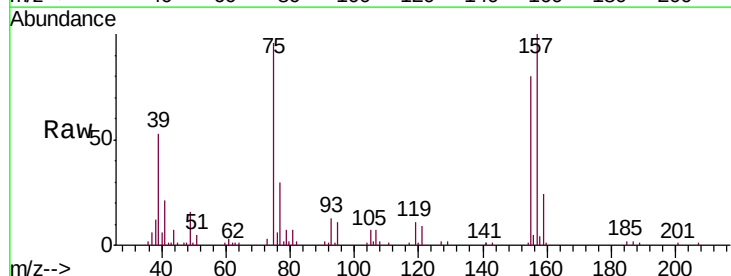
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

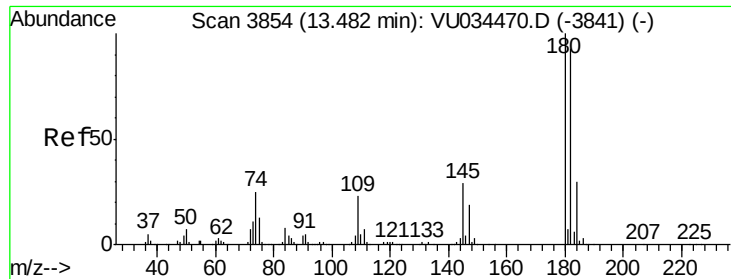
Tgt Ion: 146 Resp: 434528
 Ion Ratio Lower Upper
 146 100
 111 40.5 20.3 60.8
 148 64.4 32.2 96.6



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 8.035 ug/l
 RT: 12.63 min Scan# 3590
 Delta R.T. 0.00 min
 Lab File: VU034470.D
 Acq: 11 Sep 2019 11:34

Tgt Ion: 75 Resp: 25920
 Ion Ratio Lower Upper
 75 100
 155 86.1 68.9 103.3
 157 112.4 89.9 134.9

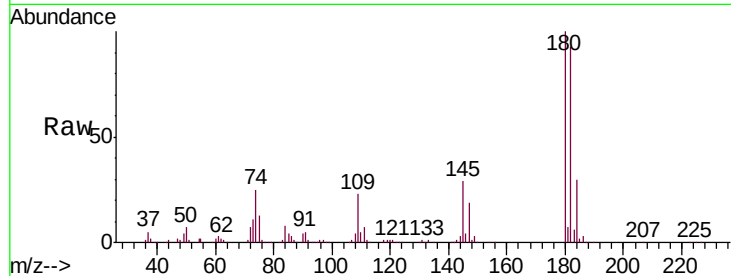




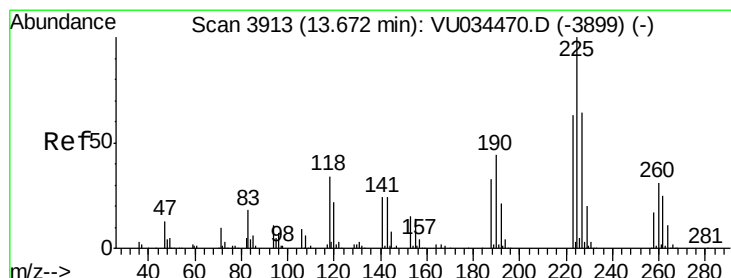
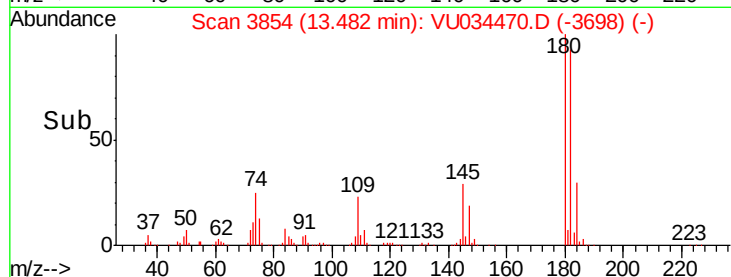
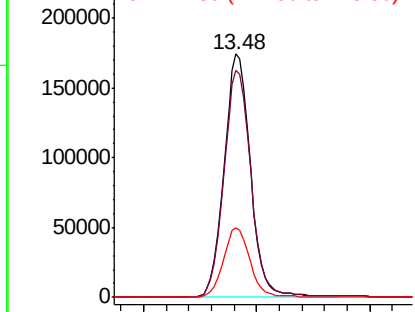
#87
 1,2,4-Trichlorobenzene
 Concen: 11.039 ug/l
 RT: 13.48 min Scan# 3854
 Delta R.T. 0.00 min
 Lab File: VU034470.D
 Acq: 11 Sep 2019 11:34

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

Tgt Ion:180 Resp: 283428
 Ion Ratio Lower Upper
 180 100
 182 95.7 76.6 114.8
 145 28.8 23.0 34.6

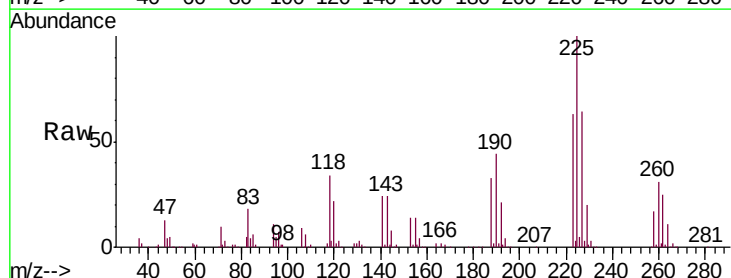


Abundance Ion 179.70 (179.40 to 180.40): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

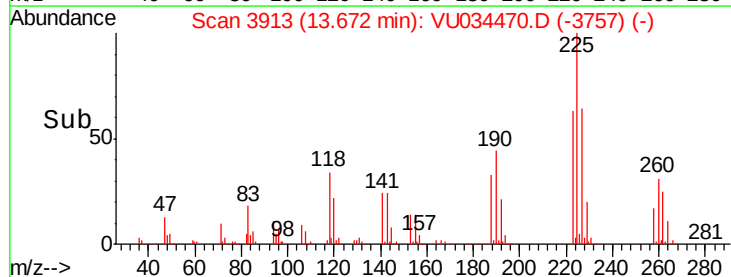
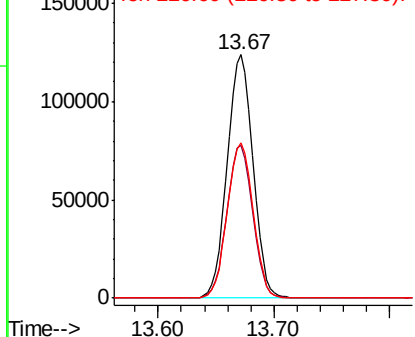


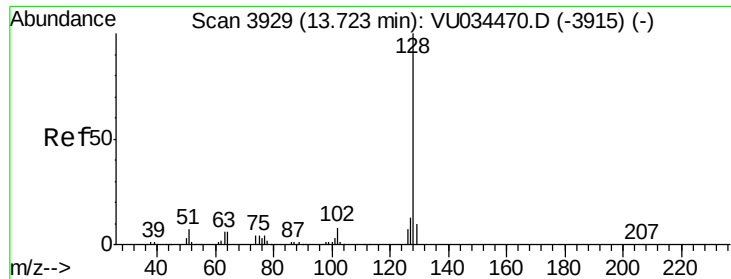
#88
 Hexachlorobutadiene
 Concen: 11.543 ug/l
 RT: 13.67 min Scan# 3913
 Delta R.T. 0.00 min
 Lab File: VU034470.D
 Acq: 11 Sep 2019 11:34

Tgt Ion:225 Resp: 189625
 Ion Ratio Lower Upper
 225 100
 223 62.9 50.3 75.5
 227 63.9 51.1 76.7



Abundance Ion 224.60 (224.30 to 225.30): V
 Ion 222.60 (222.30 to 223.30): V
 Ion 226.60 (226.30 to 227.30): V

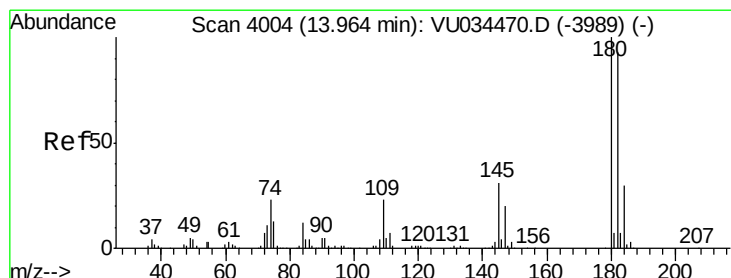
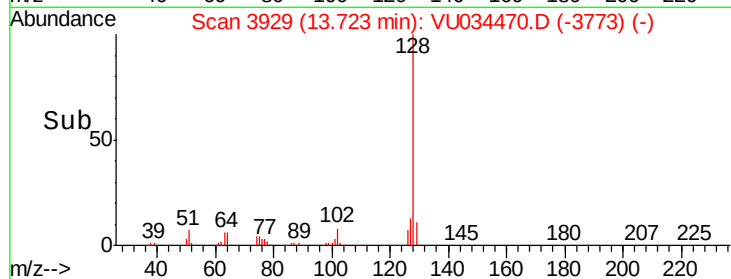
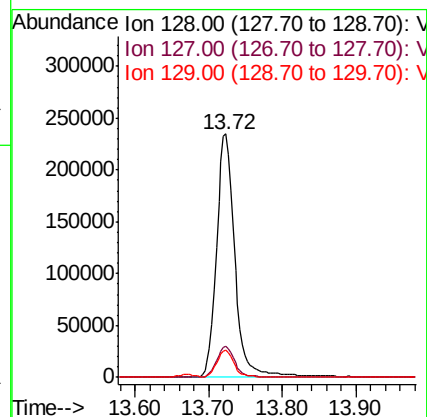
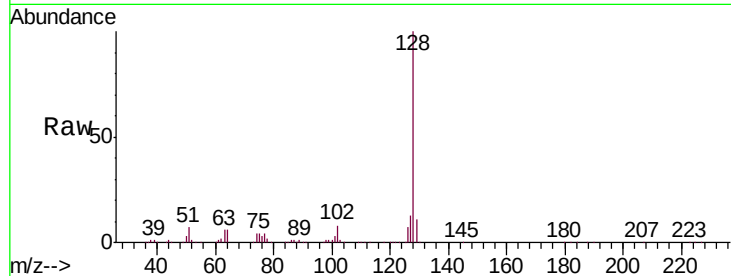




#89
Naphthalene
Concen: 9.656 ug/l
RT: 13.72 min Scan# 3929
Delta R.T. 0.00 min
Lab File: VU034470.D
Acq: 11 Sep 2019 11:34

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tgt Ion:128 Resp: 407743
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 10.0 8.0 12.0



#90
1,2,3-Trichlorobenzene
Concen: 10.699 ug/l
RT: 13.96 min Scan# 4004
Delta R.T. 0.00 min
Lab File: VU034470.D
Acq: 11 Sep 2019 11:34

Tgt Ion:180 Resp: 265090
Ion Ratio Lower Upper
180 100
182 94.3 75.4 113.2
145 30.6 24.5 36.7

