

Data File : VU034476.D
Acq On : 11 Sep 2019 14:50
Operator : JC/SP
Sample : VU0911WBSD01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0911WBSD01

Quant Time: Sep 12 03:49:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U091119DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Sep 12 02:53:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.72	96	62047	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.29	95	23387	0.97	ug/l	0.00
Spiked Amount	1.000		Recovery	=	97.00%	
68) 1,2-Dichlorobenzene-d4	11.84	152	26108	1.01	ug/l	0.00
Spiked Amount	1.000		Recovery	=	101.00%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	43944	1.935 ug/l	98
3) Chloromethane	1.33	50	50713	2.029 ug/l	99
4) Vinyl Chloride	1.40	62	48028	1.956 ug/l	99
5) Bromomethane	1.62	94	27199	1.901 ug/l	99
6) Chloroethane	1.69	64	27222	1.913 ug/l	99
7) Trichlorofluoromethane	1.88	101	58517	1.937 ug/l	99
8) 1,1,2-Trichloro-1,2,2-trif	2.28	101	32265	1.969 ug/l	98
9) 1,1-Dichloroethene	2.28	96	32893	1.992 ug/l	97
10) Iodomethane	2.40	142	18613	1.398 ug/l	100
11) Allyl Chloride	2.58	41	53374	1.967 ug/l	99
12) Acrylonitrile	2.92	53	13447	3.909 ug/l	96
13) Acetone	2.31	43	25702	8.970 ug/l	99
14) Carbon Disulfide	2.47	76	110089	1.899 ug/l	99
15) Methylene Chloride	2.69	84	37973	1.979 ug/l	94
16) trans-1,2-Dichloroethene	2.96	96	36841	1.994 ug/l	95
17) 1,1-Dichloroethane	3.42	63	69484	1.972 ug/l	100
18) 2-Butanone	4.26	43	37924	9.164 ug/l	98
19) Cyclohexane	4.97	56	46042	1.668 ug/l	88
20) Methylcyclohexane	6.39	83	52871	1.836 ug/l	95
21) 2,2-Dichloropropane	4.20	77	54911	1.891 ug/l	98
22) cis-1,2-Dichloroethene	4.20	96	39152	1.955 ug/l	98
23) Diethyl Ether	2.10	59	24592	1.989 ug/l	98
24) tert-Butyl Alcohol	2.82	59	32203	20.124 ug/l	95
25) Methyl tert-Butyl Ether	2.99	73	80962	2.046 ug/l	99
26) Bromochloromethane	4.53	128	16631	1.964 ug/l	98
27) Chloroform	4.65	83	70629	1.928 ug/l	99
28) 1,1,1-Trichloroethane	4.89	97	56984	1.984 ug/l	99
29) 1,1-Dichloropropene	5.11	75	47745	1.923 ug/l	97
30) Carbon Tetrachloride	5.11	117	49948	1.940 ug/l	99
31) Isopropyl Ether	3.56	45	100683	1.985 ug/l	98
32) Ethyl-t-butyl ether	4.05	59	82461	1.900 ug/l	98
33) Tert-Amyl methyl ether	5.56	73	68893	1.895 ug/l	98
34) Propionitrile	4.32	54	12170	10.358 ug/l #	89
35) Benzene	5.37	78	143145	1.923 ug/l	99
36) 1,2-Dichloroethane	5.39	62	37220	1.947 ug/l	99
37) Trichloroethene	6.17	130	38821	1.864 ug/l	99
38) 1,2-Dichloropropane	6.41	63	38261	1.940 ug/l	97
39) Methacrylonitrile	4.53	41	9678	1.991 ug/l #	94
40) Methyl acrylate	4.42	55	13804	1.863 ug/l	97
41) Tetrahydrofuran	4.63	42	9272	3.722 ug/l #	84
42) 1-Chlorobutane	5.04	56	62792	1.861 ug/l	92

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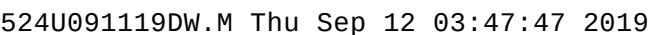
Instrument :
MSVOA_U
ClientSampleId :
VU0911WBSD01

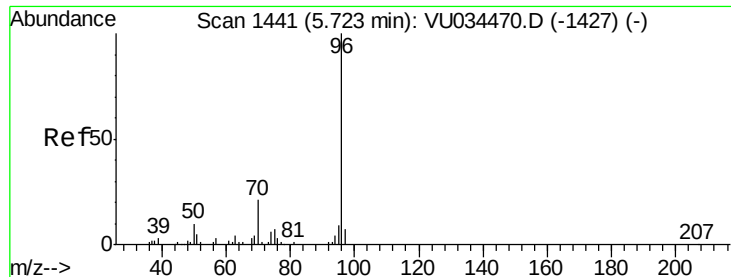
Quant Time: Sep 12 03:49:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U091119DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Sep 12 02:53:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.54	93	18020	1.941	ug/l	98
44) Bromodichloromethane	6.74	83	46221	1.938	ug/l	100
45) 4-Methyl-2-Pentanone	7.45	43	94012	9.988	ug/l	98
46) t-1,4-Dichloro-2-butene	10.48	75	20498	5.464	ug/l #	73
47) Methyl methacrylate	6.61	69	27807	3.755	ug/l	98
48) Ethyl methacrylate	8.00	69	24890	1.871	ug/l	99
49) Toluene	7.62	92	82793	1.906	ug/l	99
50) t-1,3-Dichloropropene	7.86	75	37722	1.921	ug/l	100
51) cis-1,3-Dichloropropene	7.25	75	47979	1.941	ug/l	99
52) 1,1,2-Trichloroethane	8.05	97	26558	2.060	ug/l	93
53) 1,3-Dichloropropane	8.22	76	42996	1.994	ug/l	100
54) 2-Hexanone	8.35	43	59388	9.413	ug/l	96
55) Dibromochloromethane	8.46	129	30662	1.957	ug/l	100
56) 1,2-Dibromoethane	8.57	107	23272	1.967	ug/l	99
58) Tetrachloroethene	8.21	164	39544	1.998	ug/l	97
59) Chlorobenzene	9.10	112	93708	1.936	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.19	131	35748	1.995	ug/l	98
61) Pentachloroethane	11.08	117	28374	1.956	ug/l	97
62) Hexachloroethane	12.12	117	24566	1.907	ug/l	96
63) Ethyl Benzene	9.23	91	141683	1.826	ug/l	100
64) m/p-Xylenes	9.35	106	116831	3.717	ug/l	97
65) o-Xylene	9.76	106	55873	1.866	ug/l	98
66) Styrene	9.77	104	93801	1.871	ug/l	99
67) Bromoform	9.94	173	18823	2.044	ug/l	99
69) Isopropylbenzene	10.14	105	148287	1.900	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.44	83	33967	2.053	ug/l	98
71) 1,2,3-Trichloropropane	10.48	75	20498	1.741	ug/l #	89
72) Bromobenzene	10.43	156	41020	1.938	ug/l	98
73) n-propylbenzene	10.57	120	46068	2.037	ug/l	97
74) 2-Chlorotoluene	10.64	126	40622	1.997	ug/l	99
75) 1,3,5-Trimethylbenzene	10.75	105	133396	1.903	ug/l	98
76) 4-Chlorotoluene	10.75	126	40895	1.985	ug/l	97
77) tert-Butylbenzene	11.08	119	129346	1.904	ug/l	98
78) 1,2,4-Trimethylbenzene	11.13	105	131245	1.854	ug/l	97
79) sec-Butylbenzene	11.30	105	176460	1.930	ug/l	98
80) Nitrobenzene	12.87	77	1426	4.038	ug/l #	55
81) p-Isopropyltoluene	11.45	119	142956	1.874	ug/l	98
82) 1,3-Dichlorobenzene	11.39	146	86984	1.980	ug/l	99
83) 1,4-Dichlorobenzene	11.48	146	84713	1.941	ug/l	97
84) n-Butylbenzene	11.87	91	129242	1.841	ug/l	98
85) 1,2-Dichlorobenzene	11.86	146	78521	1.973	ug/l	99
86) 1,2-Dibromo-3-Chloropropan	12.64	75	4619	2.091	ug/l	96
87) 1,2,4-Trichlorobenzene	13.48	180	40118	1.746	ug/l	99
88) Hexachlorobutadiene	13.67	225	33877	1.935	ug/l	98
89) Naphthalene	13.73	128	48793	1.891	ug/l	98
90) 1,2,3-Trichlorobenzene	13.97	180	38459	1.818	ug/l	95

(#) = 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: VU034476.D

Acq: 11 Sep 2019 14:50

Instrument :

MSVOA_U

ClientSampleId :

VU0911WBSD01

Tgt Ion: 96 Resp: 62047

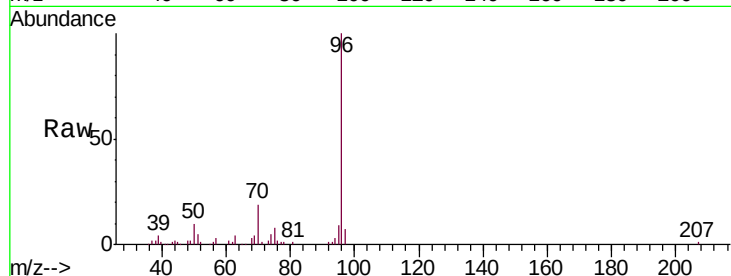
Ion Ratio Lower Upper

96 100

70 20.8 16.5 24.7

95 9.0 7.0 10.6

97 6.6 0.0 0.0#

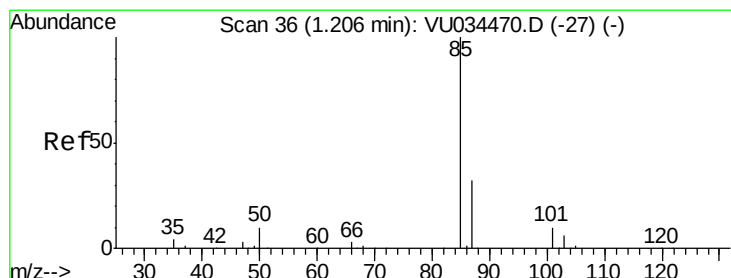
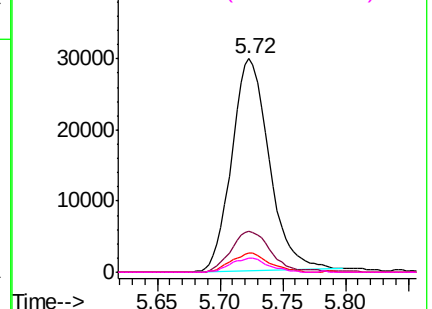
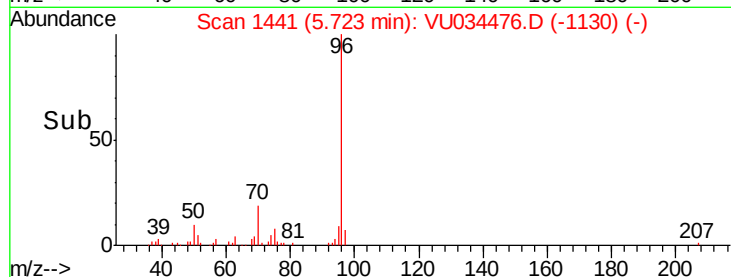


Abundance Ion 96.00 (95.70 to 96.70): VU034470.D (-1427) (-)

Ion 70.00 (69.70 to 70.70): VU034470.D (-1427) (-)

Ion 95.00 (94.70 to 95.70): VU034470.D (-1427) (-)

Ion 97.00 (96.70 to 97.70): VU034470.D (-1427) (-)



#2

Dichlorodifluoromethane

Concen: 1.935 ug/l

RT: 1.20 min Scan# 35

Delta R.T. -0.00 min

Lab File: VU034476.D

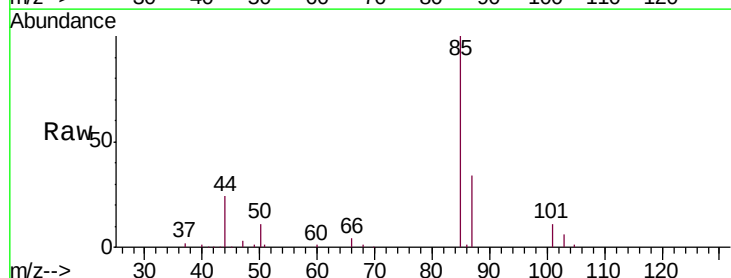
Acq: 11 Sep 2019 14:50

Tgt Ion: 85 Resp: 43944

Ion Ratio Lower Upper

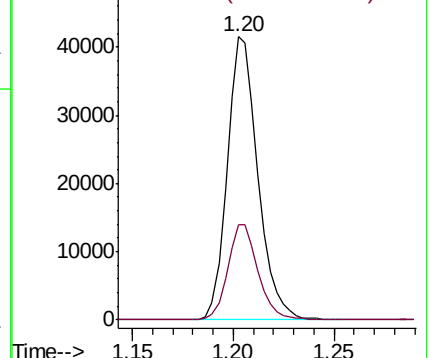
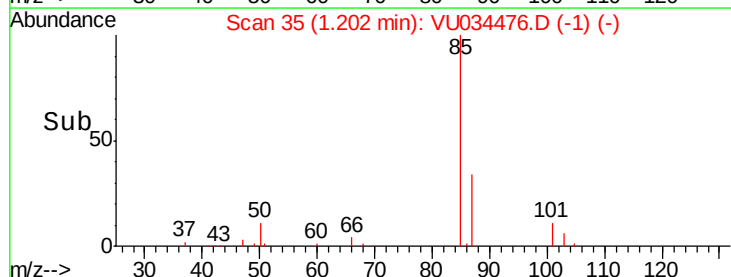
85 100

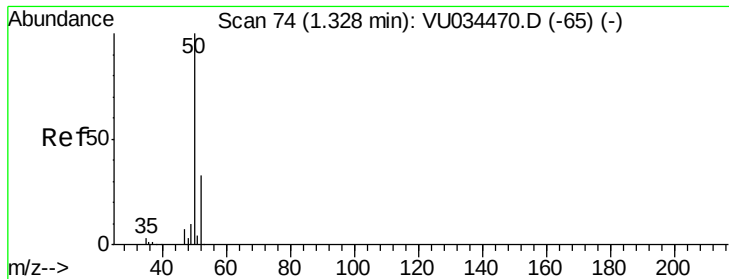
87 33.5 16.1 48.3



Abundance Ion 85.00 (84.70 to 85.70): VU034476.D (-1) (-)

Ion 87.00 (86.70 to 87.70): VU034476.D (-1) (-)





#3

Chloromethane

Concen: 2.029 ug/l

RT: 1.33 min Scan# 74

Delta R.T. -0.00 min

Lab File: VU034476.D

Acq: 11 Sep 2019 14:50

Instrument :

MSVOA_U

ClientSampleId :

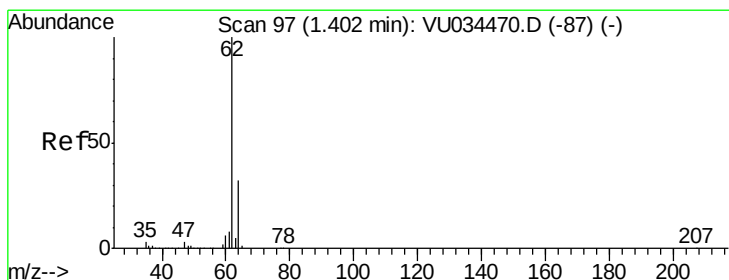
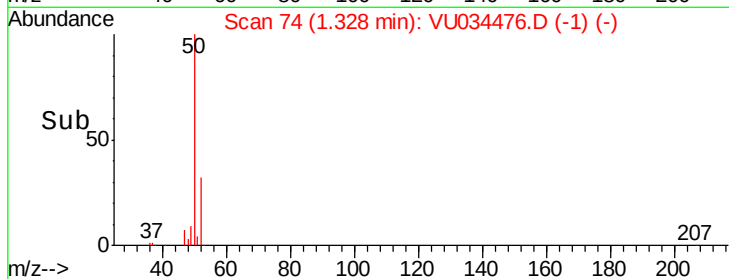
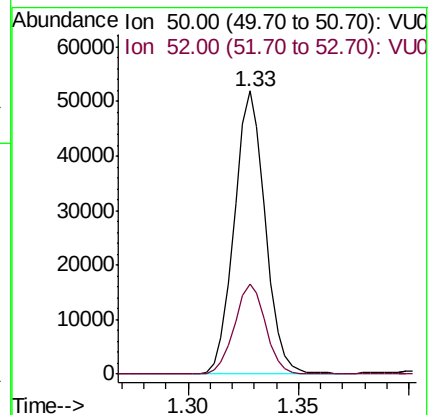
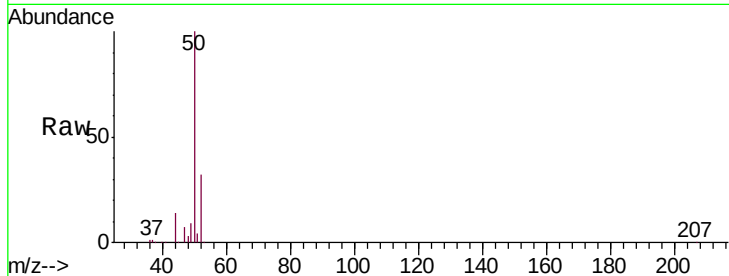
VU0911WBSD01

Tgt Ion: 50 Resp: 50713

Ion Ratio Lower Upper

50 100

52 32.0 26.2 39.4



#4

Vinyl Chloride

Concen: 1.956 ug/l

RT: 1.40 min Scan# 97

Delta R.T. -0.00 min

Lab File: VU034476.D

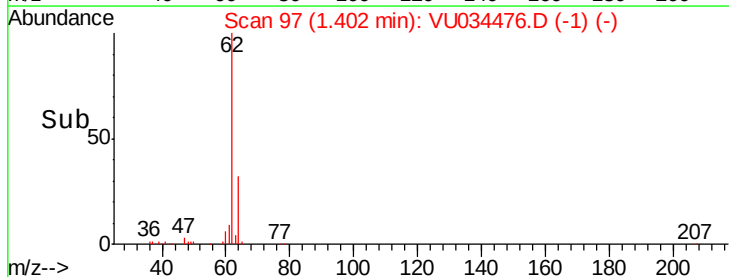
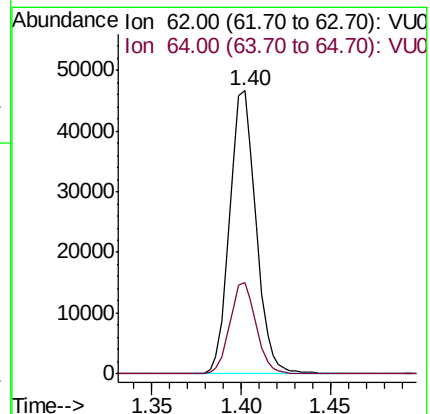
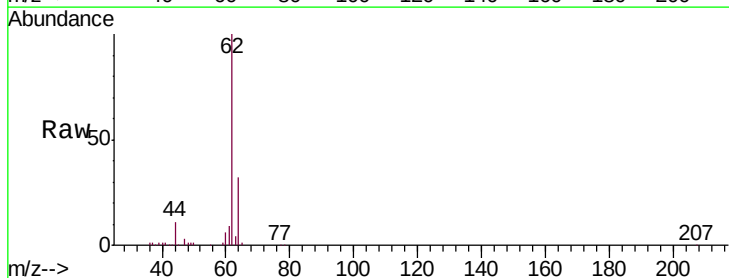
Acq: 11 Sep 2019 14:50

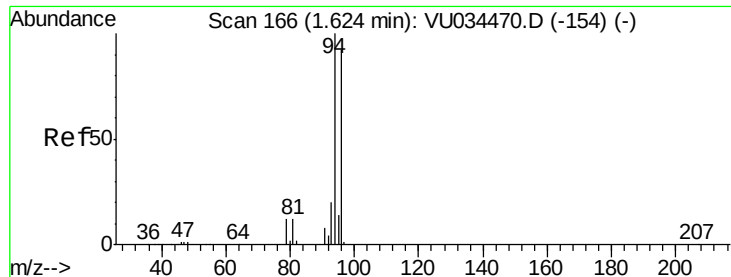
Tgt Ion: 62 Resp: 48028

Ion Ratio Lower Upper

62 100

64 32.4 25.4 38.0





#5

Bromomethane

Concen: 1.901 ug/l

RT: 1.62 min Scan# 166

Delta R.T. -0.00 min

Lab File: VU034476.D

Acq: 11 Sep 2019 14:50

Instrument :

MSVOA_U

ClientSampleId :

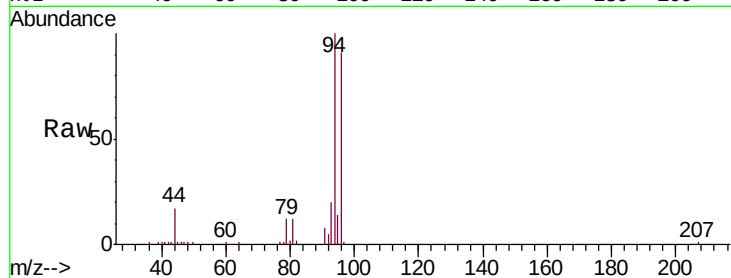
VU0911WBSD01

Tgt Ion: 94 Resp: 27199

Ion Ratio Lower Upper

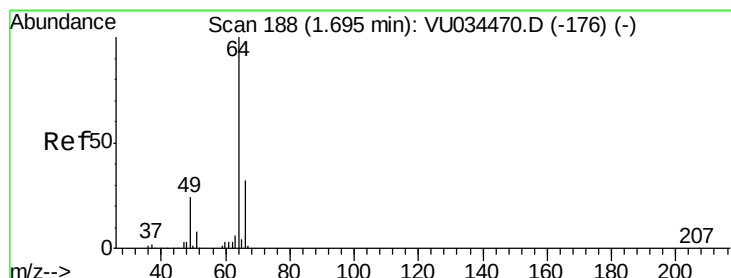
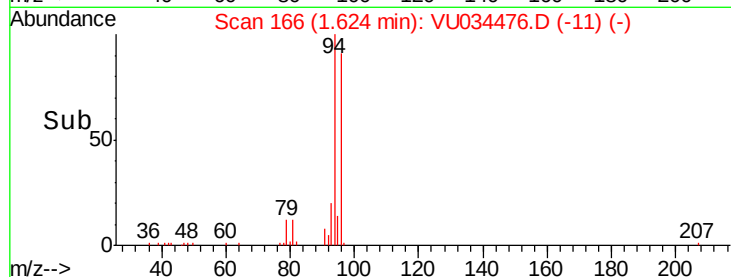
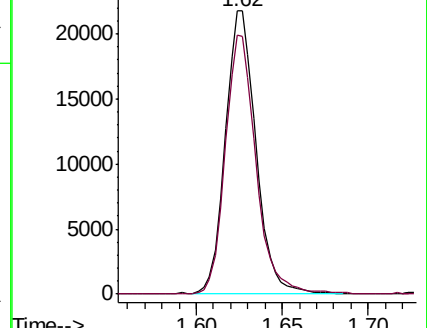
94 100

96 91.5 73.8 110.8



Abundance Ion 94.00 (93.70 to 94.70): VU034476.D (-154) (-)

Ion 96.00 (95.70 to 96.70): VU034476.D (-154) (-)



#6

Chloroethane

Concen: 1.913 ug/l

RT: 1.69 min Scan# 188

Delta R.T. -0.00 min

Lab File: VU034476.D

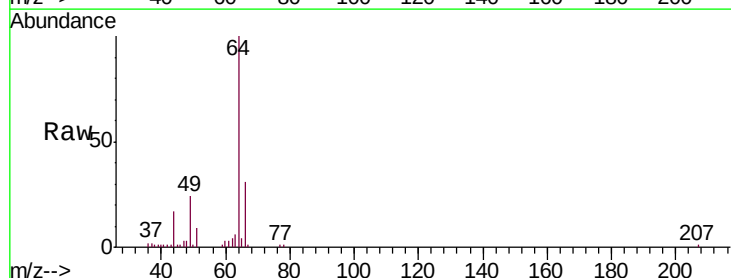
Acq: 11 Sep 2019 14:50

Tgt Ion: 64 Resp: 27222

Ion Ratio Lower Upper

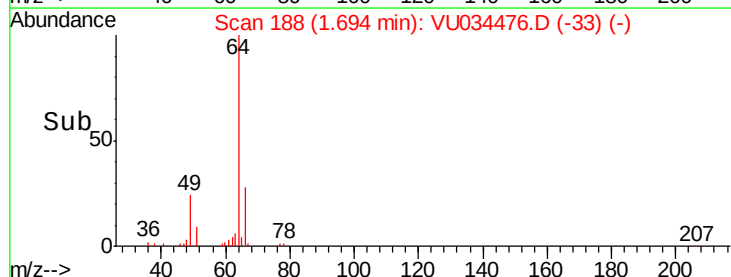
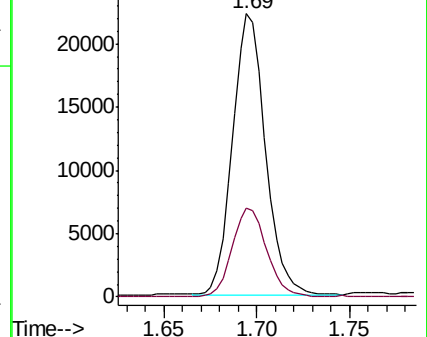
64 100

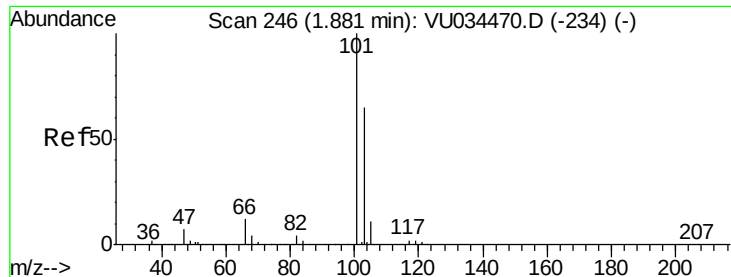
66 31.6 25.8 38.8



Abundance Ion 64.00 (63.70 to 64.70): VU034476.D (-176) (-)

Ion 66.00 (65.70 to 66.70): VU034476.D (-176) (-)



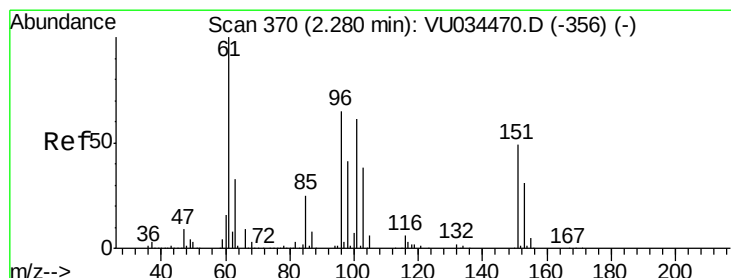
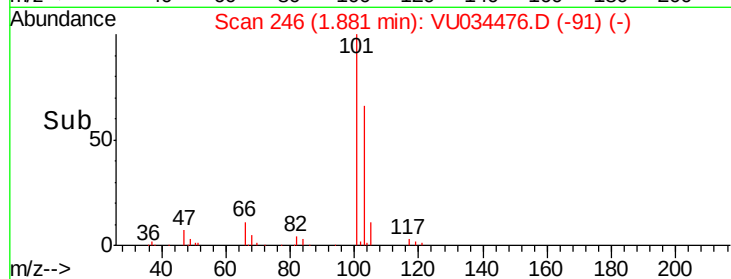
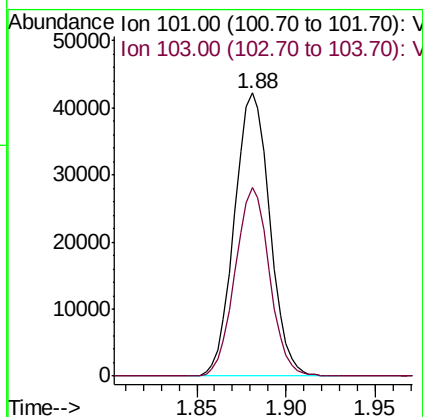
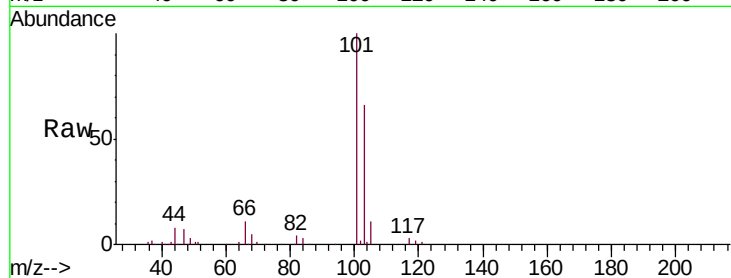


#7

Trichlorofluoromethane
 Concen: 1.937 ug/l
 RT: 1.88 min Scan# 246
 Delta R.T. -0.00 min
 Lab File: VU034476.D
 Acq: 11 Sep 2019 14:50

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0911WBSD01

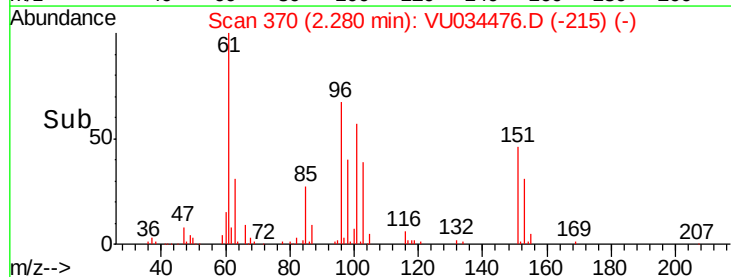
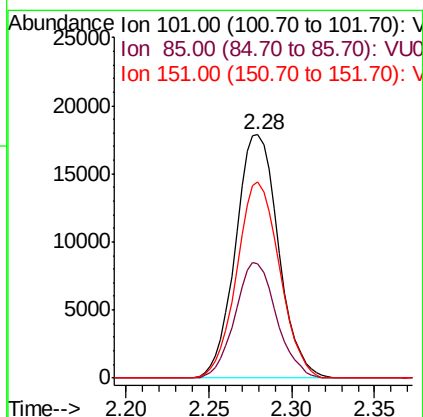
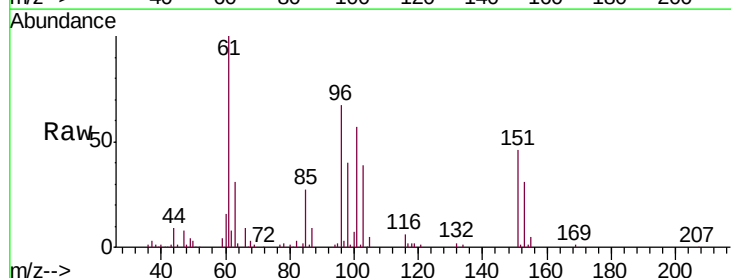
Tgt Ion:101 Resp: 58517
 Ion Ratio Lower Upper
 101 100
 103 66.5 52.2 78.4

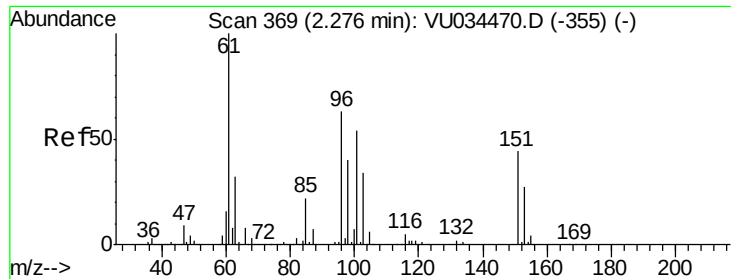


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.969 ug/l
 RT: 2.28 min Scan# 370
 Delta R.T. -0.00 min
 Lab File: VU034476.D
 Acq: 11 Sep 2019 14:50

Tgt Ion:101 Resp: 32265
 Ion Ratio Lower Upper
 101 100
 85 45.5 34.2 51.2
 151 80.3 65.2 97.8





#9

1,1-Dichloroethene

Concen: 1.992 ug/l

RT: 2.28 min Scan# 369

Delta R.T. -0.00 min

Lab File: VU034476.D

Acq: 11 Sep 2019 14:50

Instrument :

MSVOA_U

ClientSampleId :

VU0911WBSD01

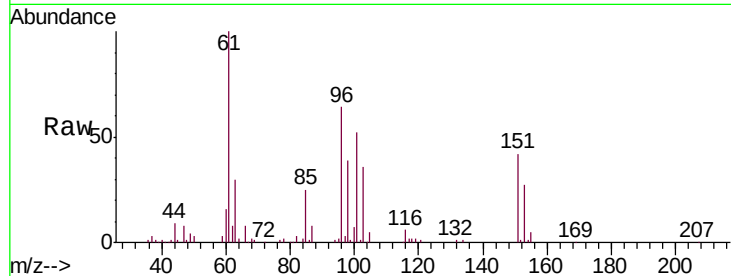
Tgt Ion: 96 Resp: 32893

Ion Ratio Lower Upper

96 100

61 155.3 0.0 475.5

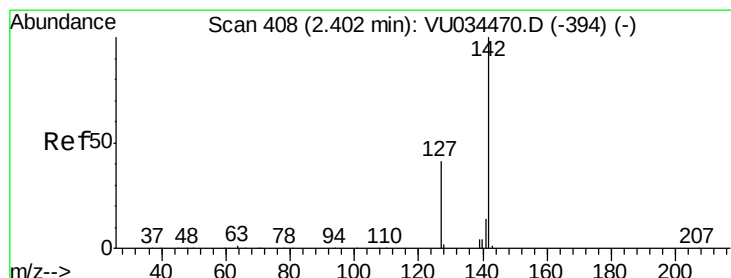
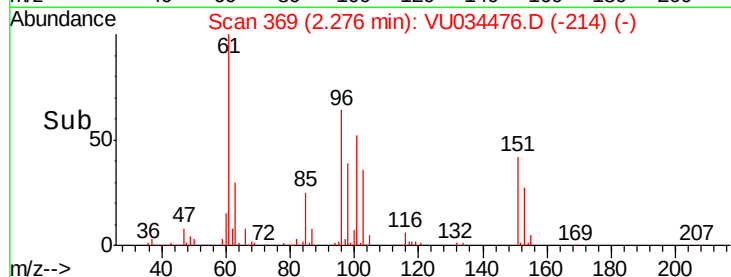
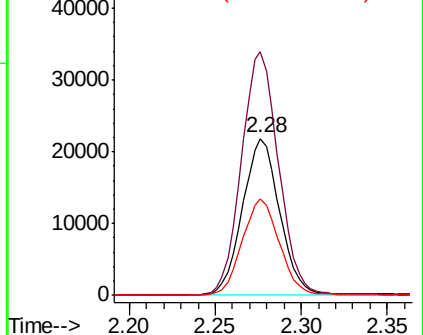
98 61.1 0.0 127.6



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0



#10

Iodomethane

Concen: 1.398 ug/l

RT: 2.40 min Scan# 408

Delta R.T. 0.00 min

Lab File: VU034476.D

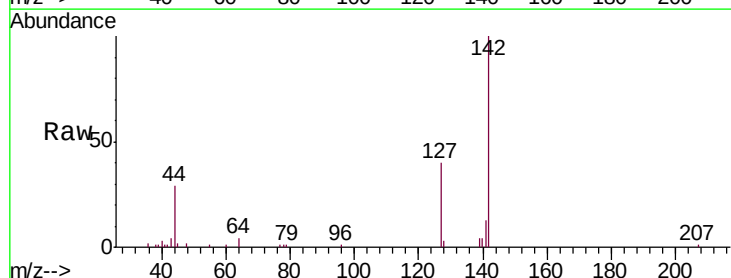
Acq: 11 Sep 2019 14:50

Tgt Ion: 142 Resp: 18613

Ion Ratio Lower Upper

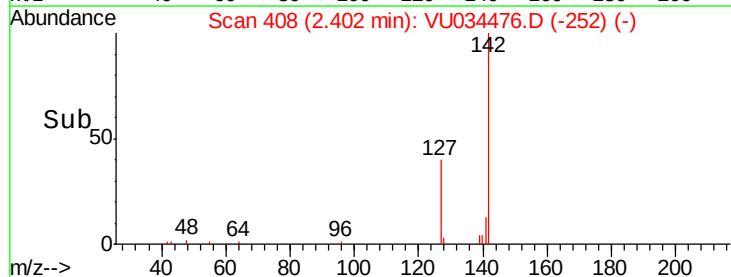
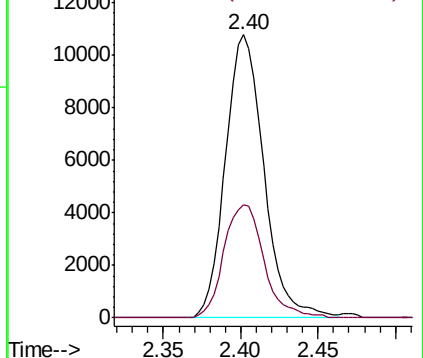
142 100

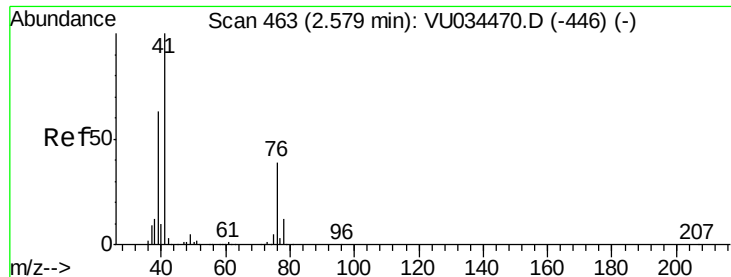
127 41.6 33.0 49.6



Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

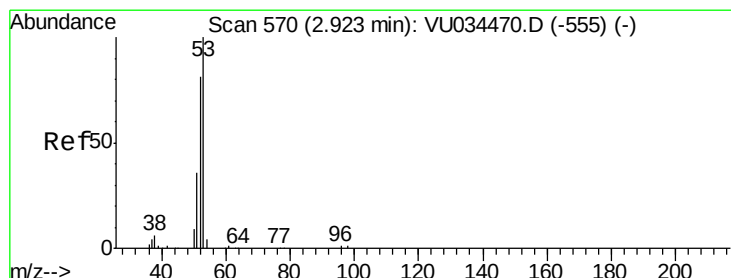
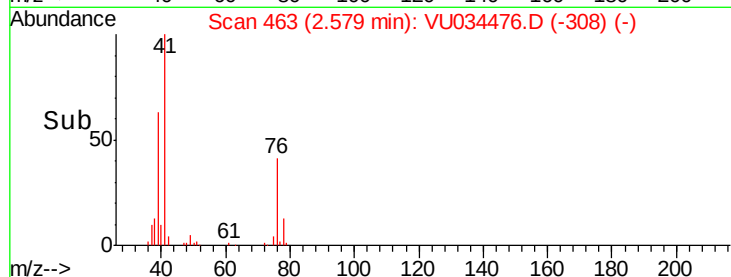
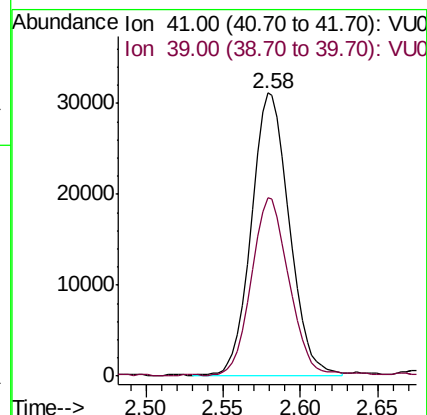
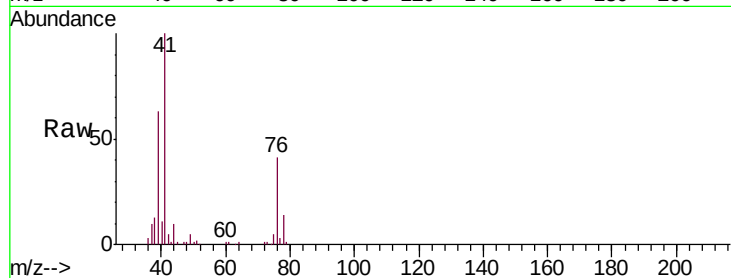




#11
 Allyl Chloride
 Concen: 1.967 ug/l
 RT: 2.58 min Scan# 463
 Delta R.T. -0.00 min
 Lab File: VU034476.D
 Acq: 11 Sep 2019 14:50

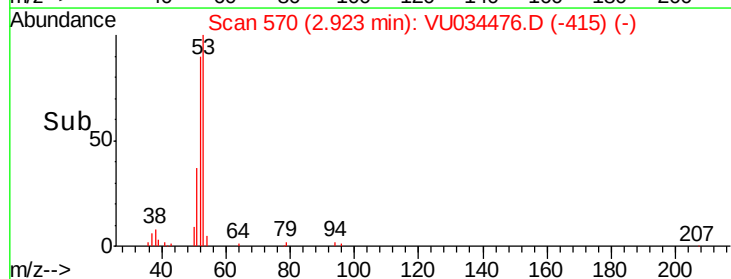
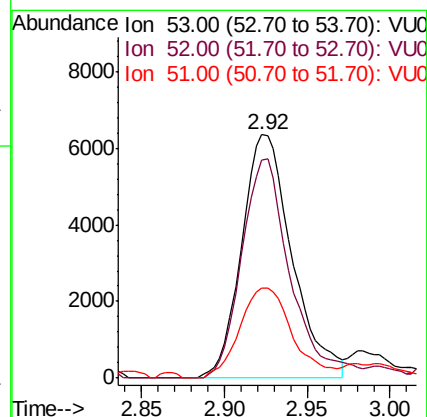
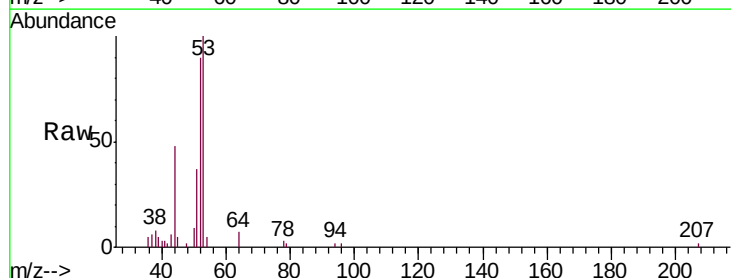
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0911WBSD01

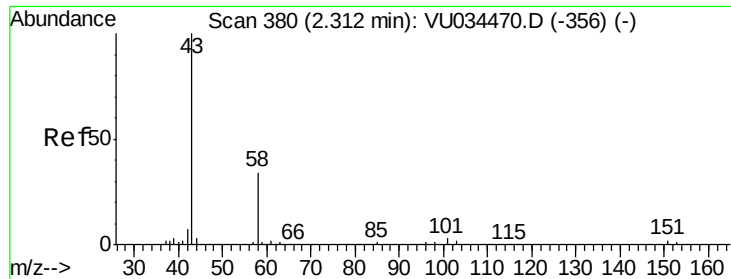
Tgt Ion: 41 Resp: 53374
 Ion Ratio Lower Upper
 41 100
 39 61.7 50.2 75.2



#12
 Acrylonitrile
 Concen: 3.909 ug/l
 RT: 2.92 min Scan# 570
 Delta R.T. -0.00 min
 Lab File: VU034476.D
 Acq: 11 Sep 2019 14:50

Tgt Ion: 53 Resp: 13447
 Ion Ratio Lower Upper
 53 100
 52 87.0 66.9 100.3
 51 38.8 28.4 42.6





#13

Acetone

Concen: 8.970 ug/l

RT: 2.31 min Scan# 380

Delta R.T. -0.00 min

Lab File: VU034476.D

Acq: 11 Sep 2019 14:50

Instrument :

MSVOA_U

ClientSampleId :

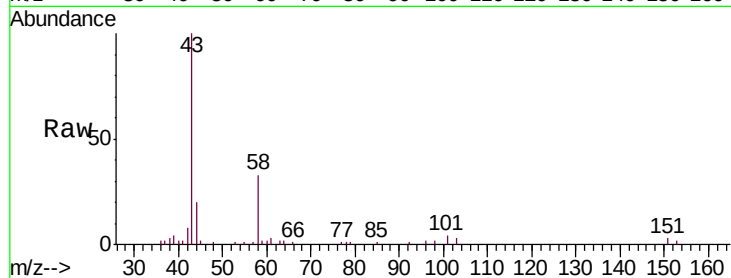
VU0911WBSD01

Tgt Ion: 43 Resp: 25702

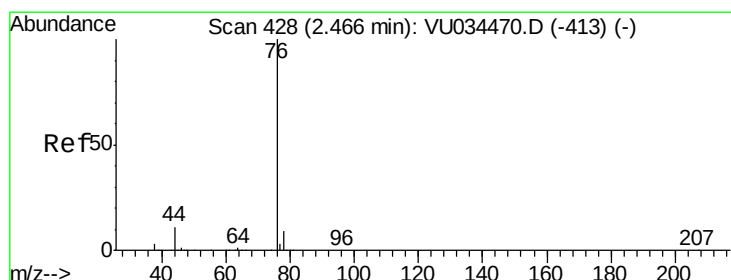
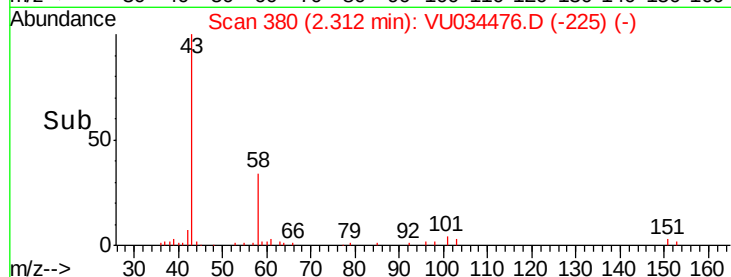
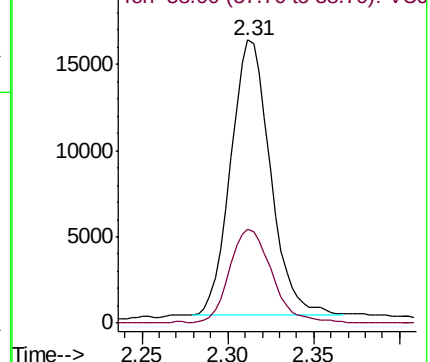
Ion Ratio Lower Upper

43 100

58 34.0 26.9 40.3



Abundance Ion 43.00 (42.70 to 43.70): VU034476.D (-356) (-)



#14

Carbon Disulfide

Concen: 1.899 ug/l

RT: 2.47 min Scan# 428

Delta R.T. -0.00 min

Lab File: VU034476.D

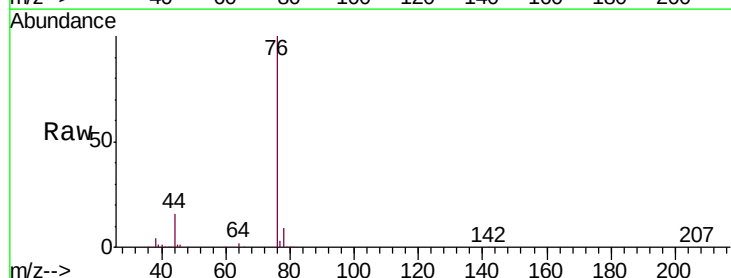
Acq: 11 Sep 2019 14:50

Tgt Ion: 76 Resp: 110089

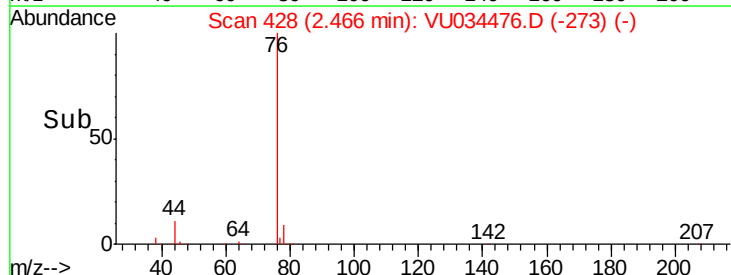
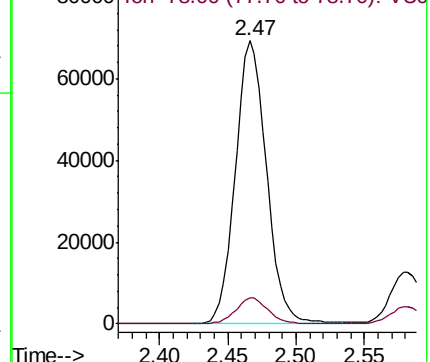
Ion Ratio Lower Upper

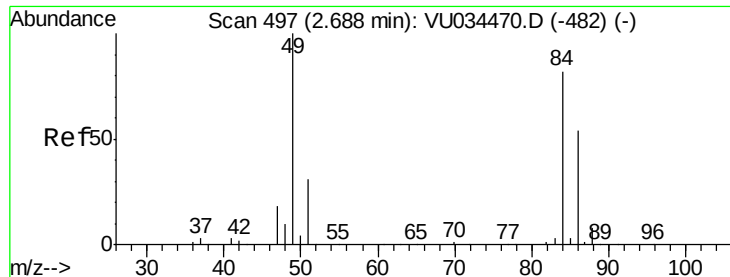
76 100

78 8.8 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VU034476.D (-413) (-)

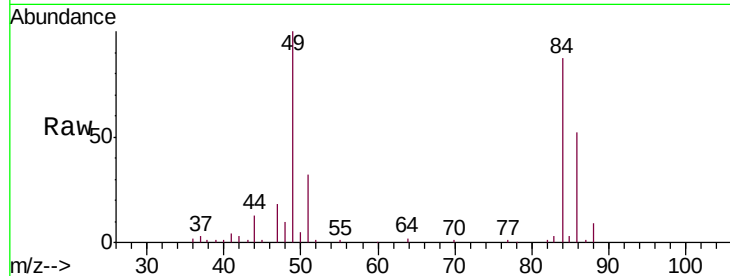




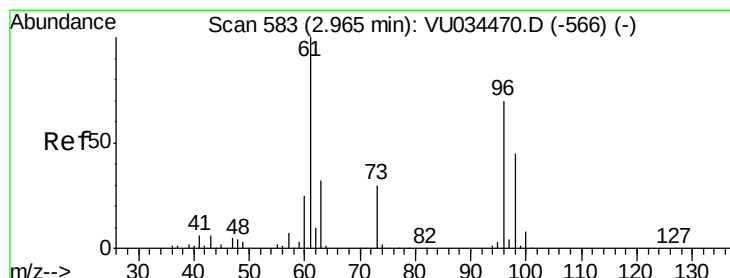
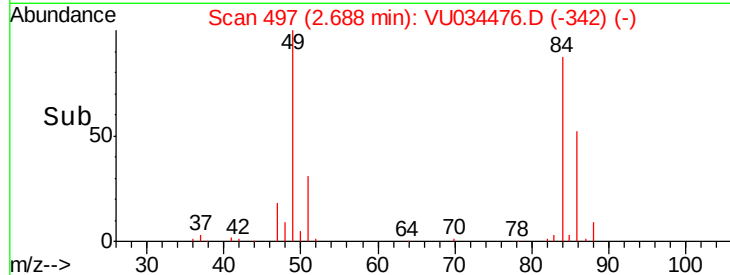
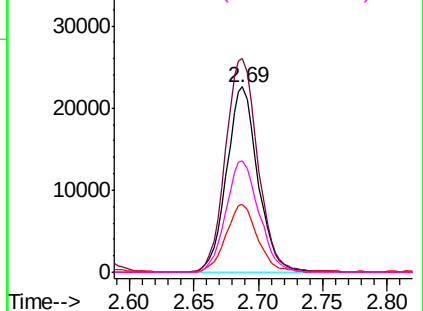
#15
Methylene Chloride
Concen: 1.979 ug/l
RT: 2.69 min Scan# 497
Delta R.T. -0.00 min
Lab File: VU034476.D
Acq: 11 Sep 2019 14:50

Instrument :
MSVOA_U
ClientSampleId :
VU0911WBSD01

Tgt Ion:	84	Resp:	37973
Ion	Ratio	Lower	Upper
84	100		
49	115.1	97.8	146.6
51	36.5	0.0	76.4
86	59.8	52.6	79.0

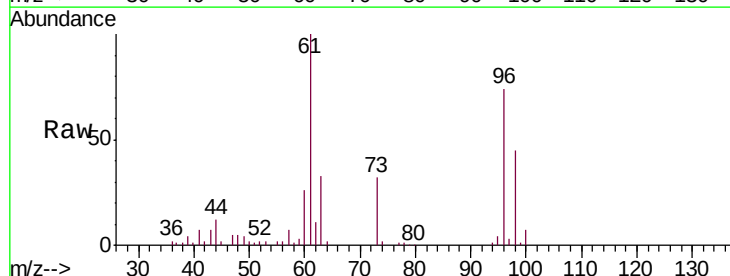


Abundance Ion 84.00 (83.70 to 84.70): VU0
Ion 49.00 (48.70 to 49.70): VU0
Ion 51.00 (50.70 to 51.70): VU0
Ion 86.00 (85.70 to 86.70): VU0

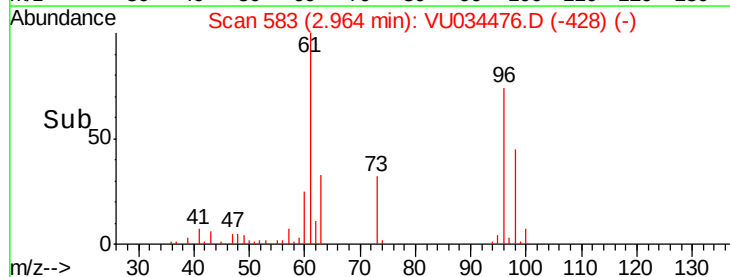
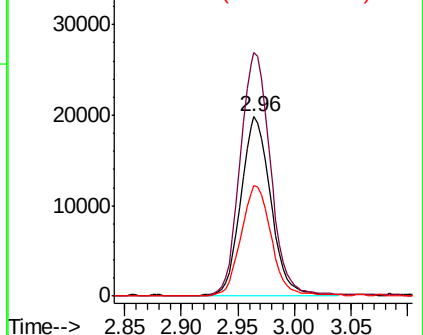


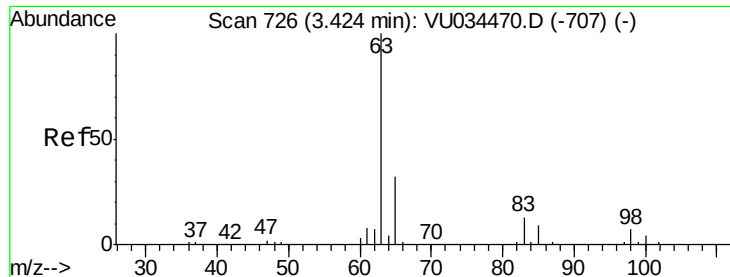
#16
trans-1,2-Dichloroethene
Concen: 1.994 ug/l
RT: 2.96 min Scan# 583
Delta R.T. -0.00 min
Lab File: VU034476.D
Acq: 11 Sep 2019 14:50

Tgt Ion:	96	Resp:	36841
Ion	Ratio	Lower	Upper
96	100		
61	136.0	114.5	171.7
98	61.7	51.2	76.8



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

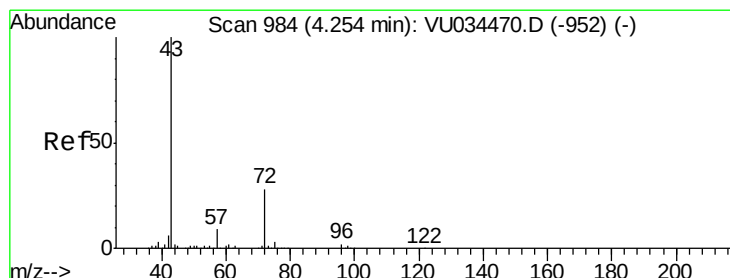
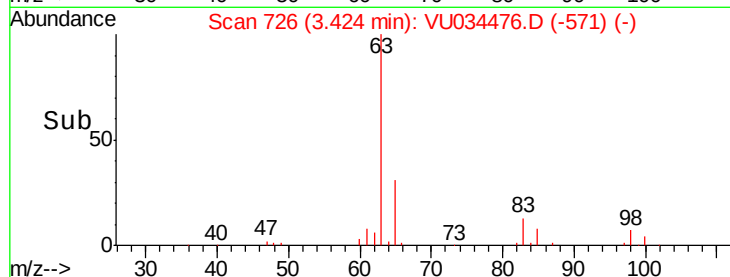
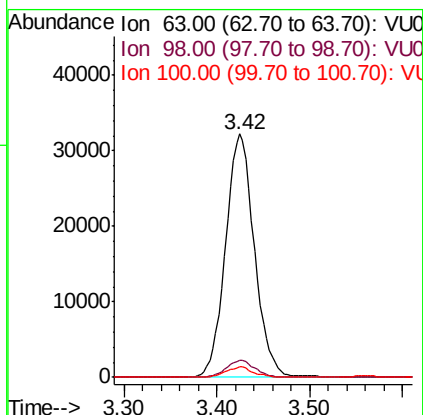
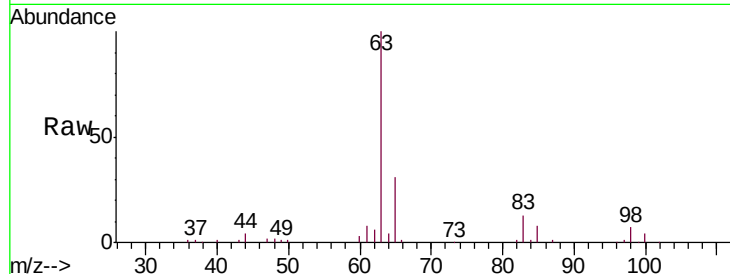




#17
 1,1-Dichloroethane
 Concen: 1.972 ug/l
 RT: 3.42 min Scan# 726
 Delta R.T. -0.00 min
 Lab File: VU034476.D
 Acq: 11 Sep 2019 14:50

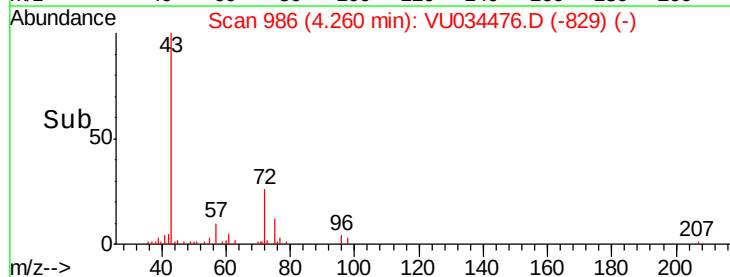
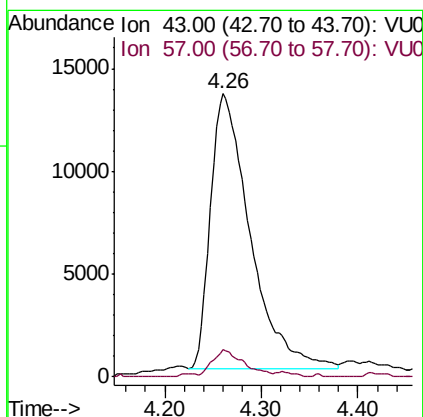
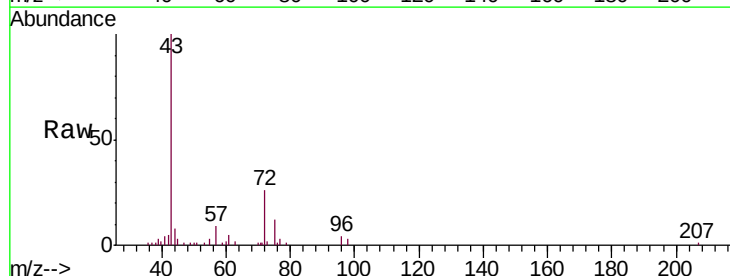
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0911WBSD01

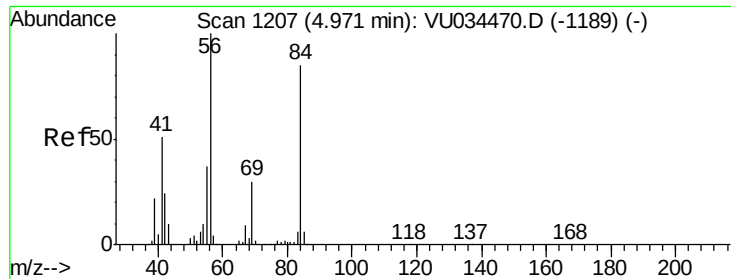
Tgt Ion: 63 Resp: 69484
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.5 10.4
 100 4.5 2.3 6.8



#18
 2-Butanone
 Concen: 9.164 ug/l
 RT: 4.26 min Scan# 986
 Delta R.T. 0.01 min
 Lab File: VU034476.D
 Acq: 11 Sep 2019 14:50

Tgt Ion: 43 Resp: 37924
 Ion Ratio Lower Upper
 43 100
 57 9.8 0.0 17.8

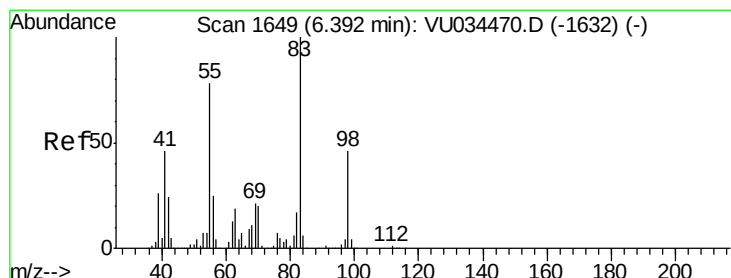
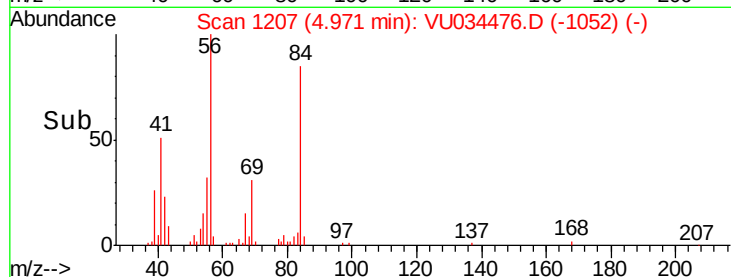
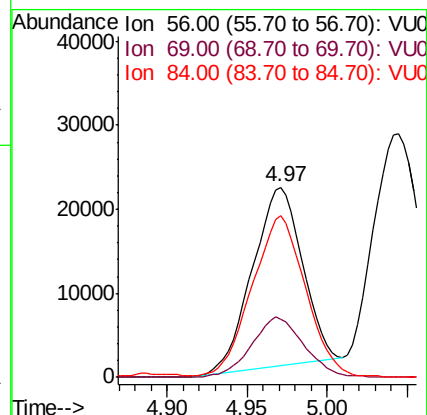
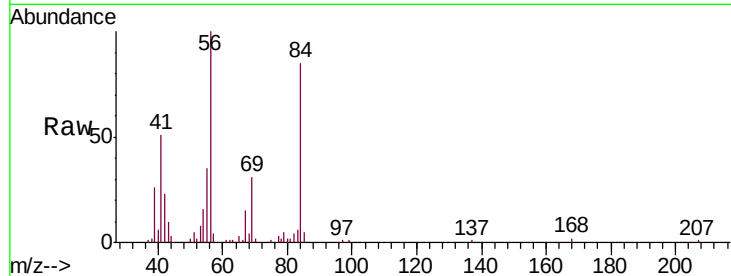




#19
Cyclohexane
Concen: 1.668 ug/l
RT: 4.97 min Scan# 1207
Delta R.T. -0.00 min
Lab File: VU034476.D
Acq: 11 Sep 2019 14:50

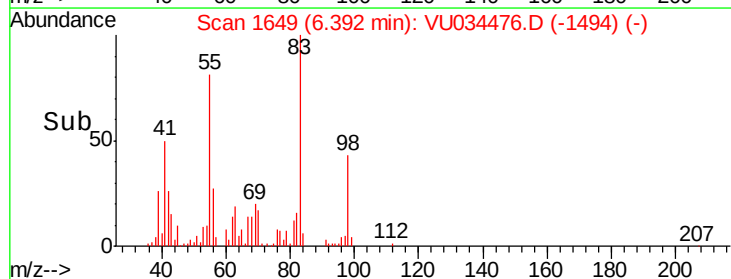
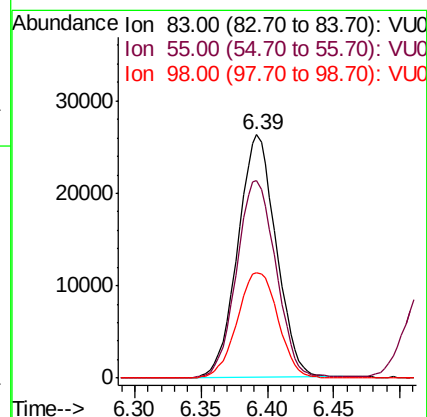
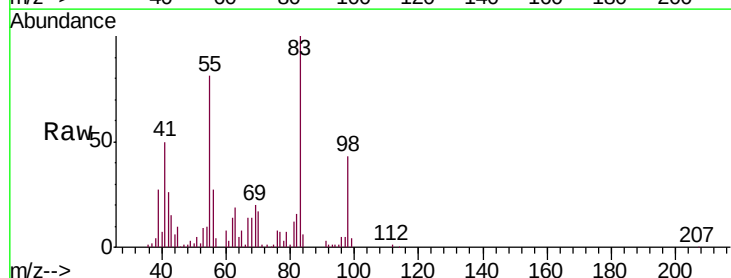
Instrument :
MSVOA_U
ClientSampleId :
VU0911WBSD01

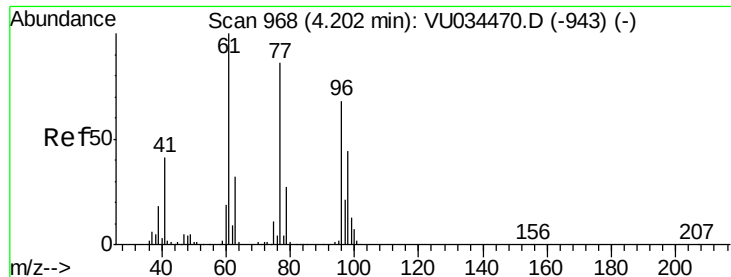
Tgt Ion: 56 Resp: 46042
Ion Ratio Lower Upper
56 100
69 35.4 24.4 36.6
84 95.3 66.9 100.3



#20
Methylcyclohexane
Concen: 1.836 ug/l
RT: 6.39 min Scan# 1649
Delta R.T. -0.00 min
Lab File: VU034476.D
Acq: 11 Sep 2019 14:50

Tgt Ion: 83 Resp: 52871
Ion Ratio Lower Upper
83 100
55 82.4 61.7 92.5
98 46.2 36.0 54.0





#21

2,2-Dichloropropane

Concen: 1.891 ug/l

RT: 4.20 min Scan# 968

Delta R.T. -0.00 min

Lab File: VU034476.D

Acq: 11 Sep 2019 14:50

Instrument :

MSVOA_U

ClientSampleId :

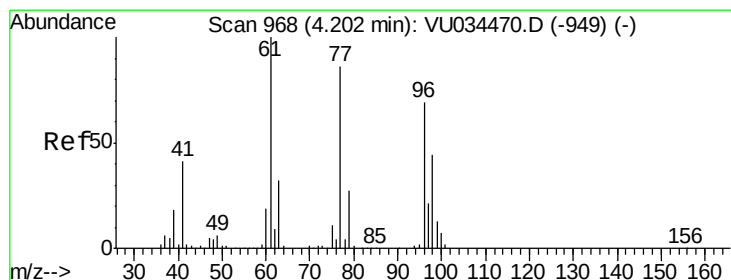
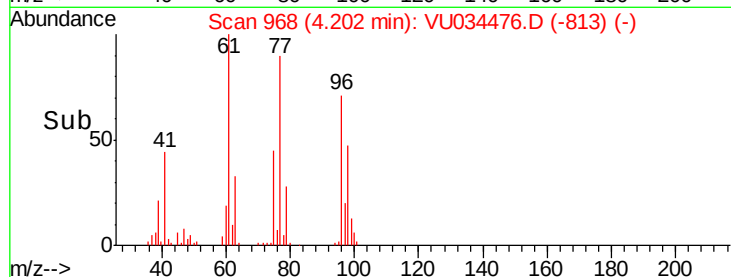
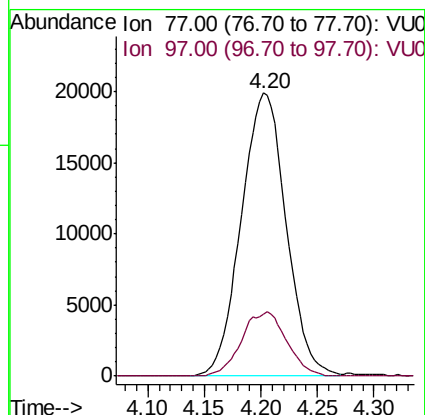
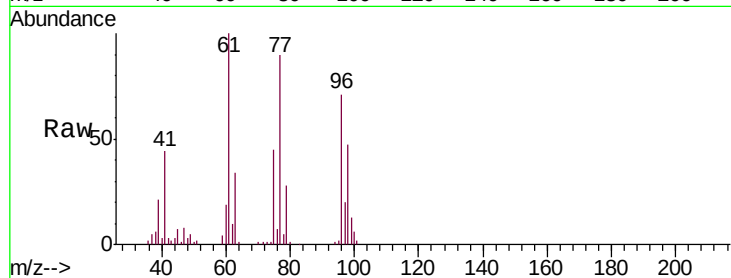
VU0911WBSD01

Tgt Ion: 77 Resp: 54911

Ion Ratio Lower Upper

77 100

97 22.7 18.9 28.3



#22

cis-1,2-Dichloroethene

Concen: 1.955 ug/l

RT: 4.20 min Scan# 968

Delta R.T. -0.00 min

Lab File: VU034476.D

Acq: 11 Sep 2019 14:50

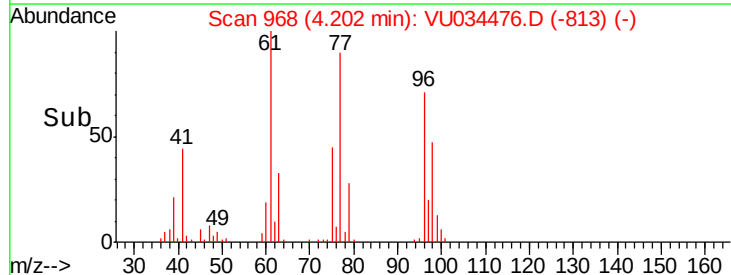
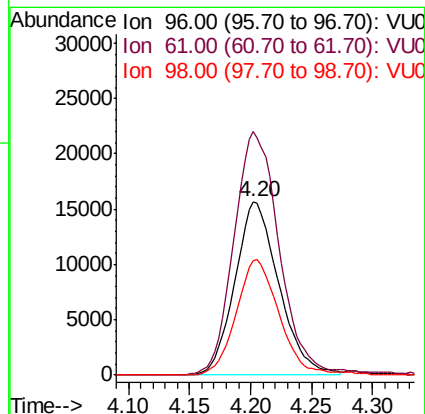
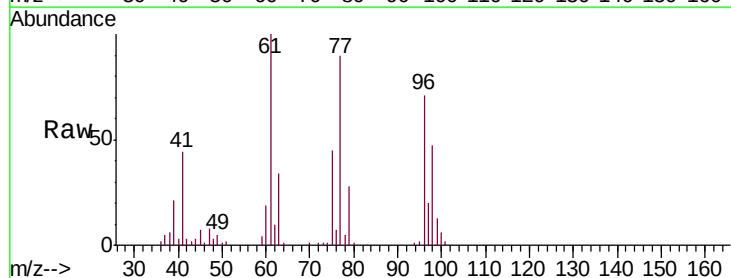
Tgt Ion: 96 Resp: 39152

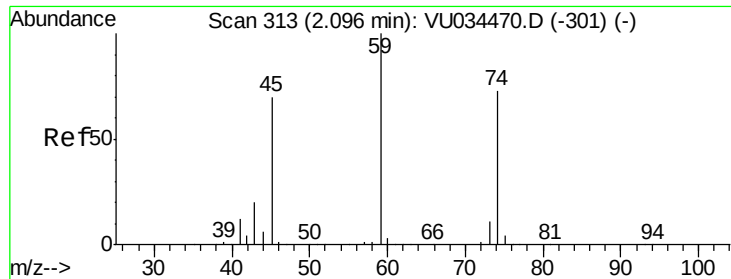
Ion Ratio Lower Upper

96 100

61 145.2 0.0 369.5

98 65.2 32.4 97.2

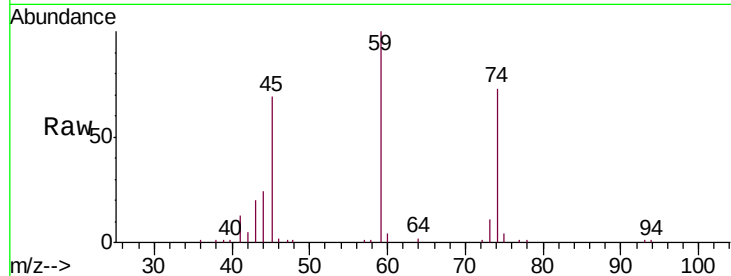




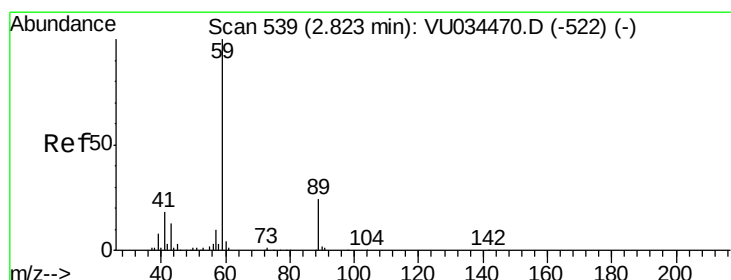
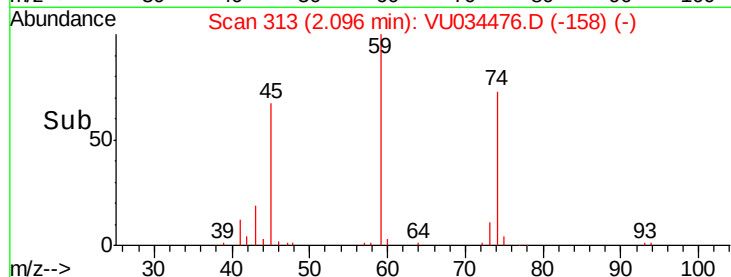
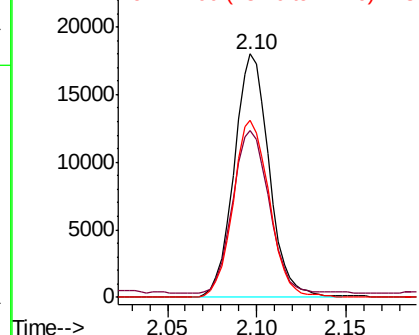
#23
Diethyl Ether
Concen: 1.989 ug/l
RT: 2.10 min Scan# 313
Delta R.T. -0.00 min
Lab File: VU034476.D
Acq: 11 Sep 2019 14:50

Instrument :
MSVOA_U
ClientSampleId :
VU0911WBSD01

Tgt Ion: 59 Resp: 24592
Ion Ratio Lower Upper
59 100
45 70.7 56.3 84.5
74 75.1 58.2 87.2

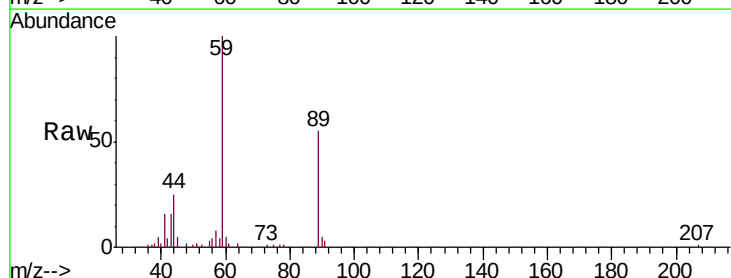


Abundance Ion 59.00 (58.70 to 59.70): VU0
Ion 45.00 (44.70 to 45.70): VU0
Ion 74.00 (73.70 to 74.70): VU0

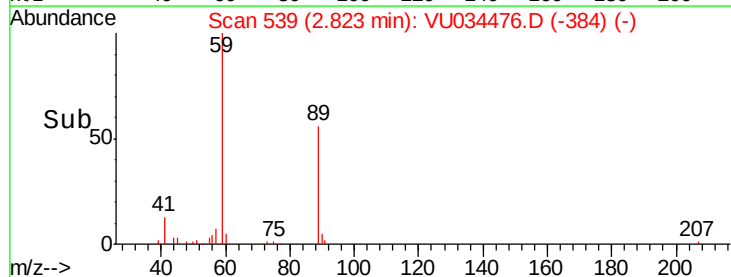
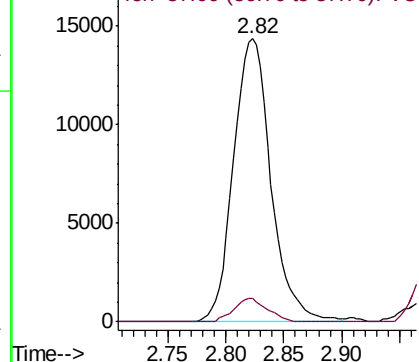


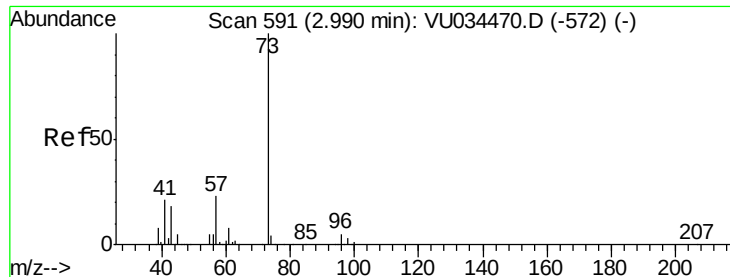
#24
tert-Butyl Alcohol
Concen: 20.124 ug/l
RT: 2.82 min Scan# 539
Delta R.T. -0.00 min
Lab File: VU034476.D
Acq: 11 Sep 2019 14:50

Tgt Ion: 59 Resp: 32203
Ion Ratio Lower Upper
59 100
57 7.4 7.3 10.9



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



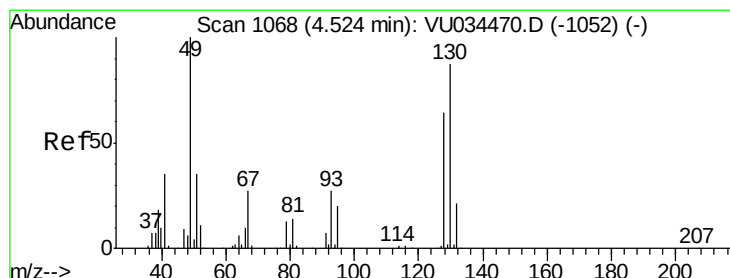
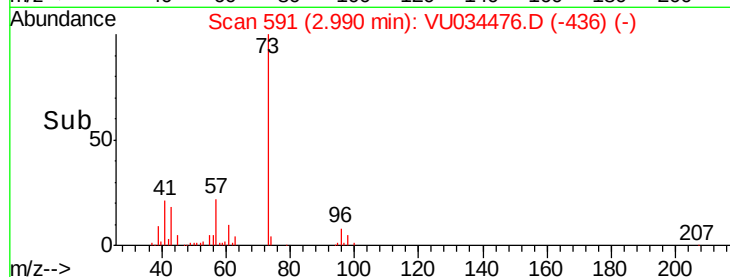
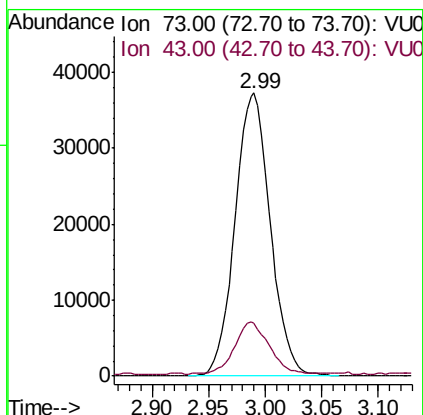
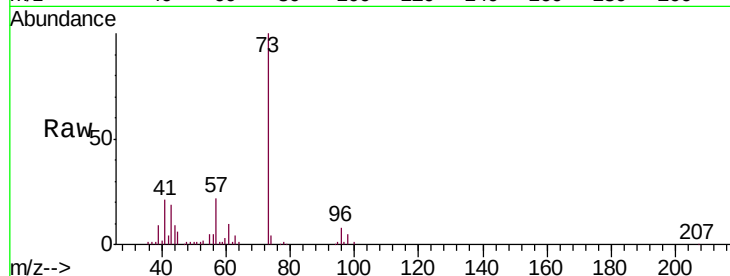


#25

Methyl tert-Butyl Ether
 Concen: 2.046 ug/l
 RT: 2.99 min Scan# 591
 Delta R.T. -0.00 min
 Lab File: VU034476.D
 Acq: 11 Sep 2019 14:50

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0911WBSD01

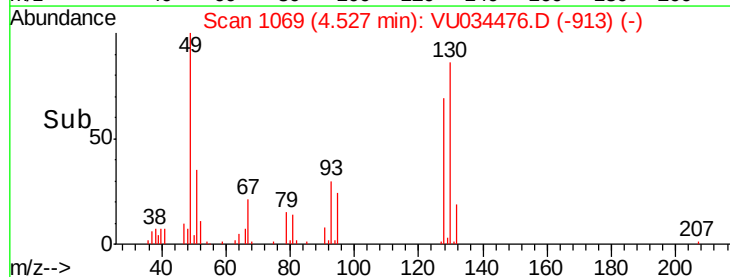
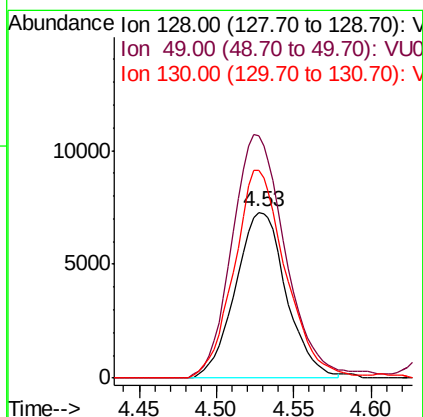
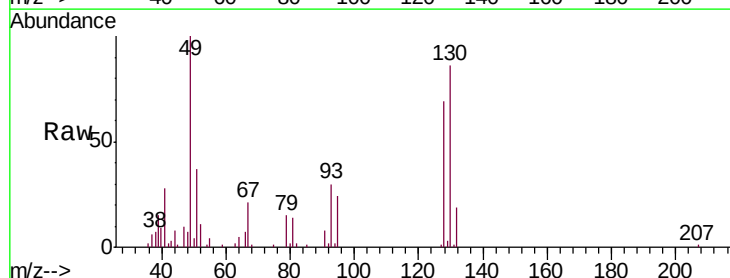
Tgt Ion: 73 Resp: 80962
 Ion Ratio Lower Upper
 73 100
 43 17.7 14.4 21.6

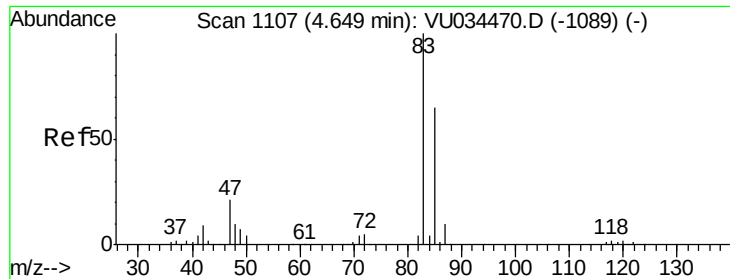


#26

Bromochloromethane
 Concen: 1.964 ug/l
 RT: 4.53 min Scan# 1069
 Delta R.T. 0.00 min
 Lab File: VU034476.D
 Acq: 11 Sep 2019 14:50

Tgt Ion: 128 Resp: 16631
 Ion Ratio Lower Upper
 128 100
 49 155.3 0.0 309.8
 130 127.6 105.0 157.6

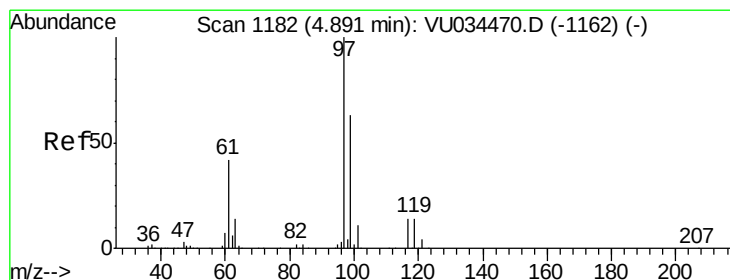
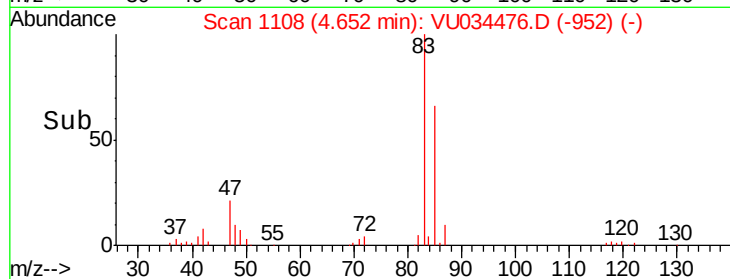
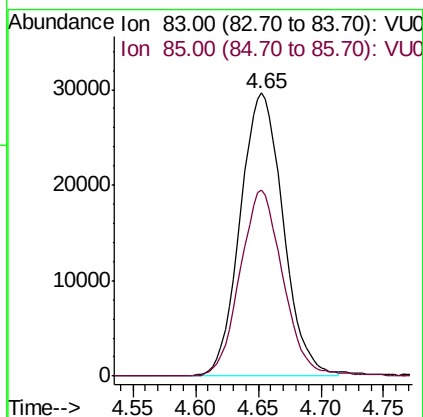
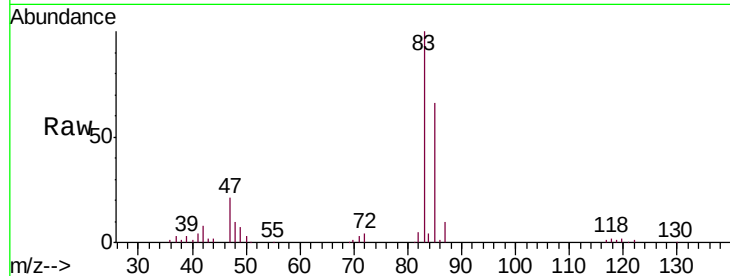




#27
Chloroform
Concen: 1.928 ug/l
RT: 4.65 min Scan# 1108
Delta R.T. 0.00 min
Lab File: VU034476.D
Acq: 11 Sep 2019 14:50

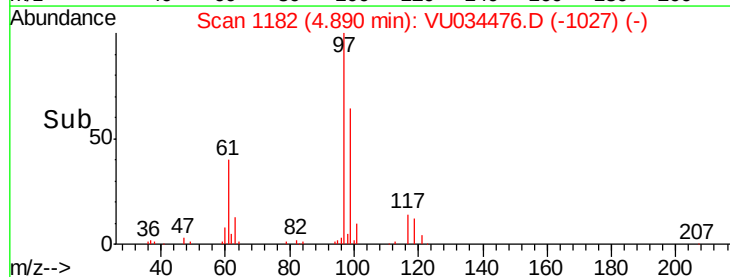
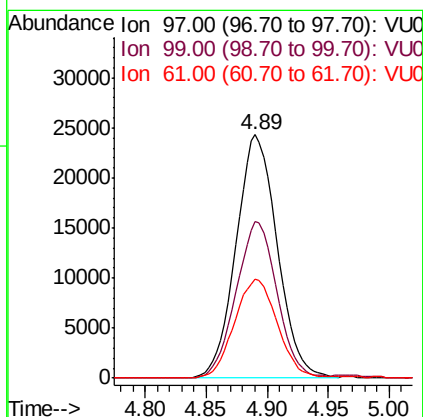
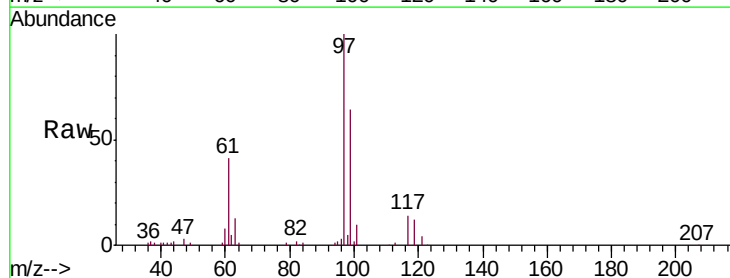
Instrument :
MSVOA_U
ClientSampleId :
VU0911WBSD01

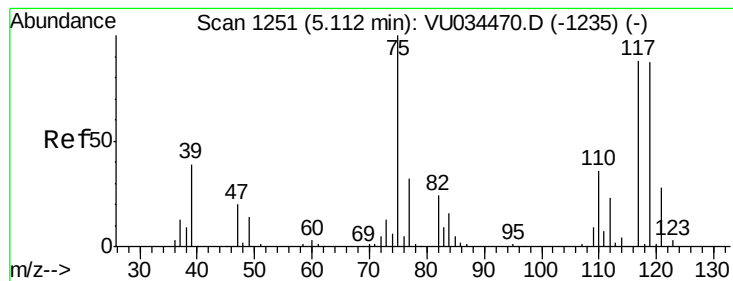
Tgt Ion: 83 Resp: 70629
Ion Ratio Lower Upper
83 100
85 65.7 0.0 130.2



#28
1,1,1-Trichloroethane
Concen: 1.984 ug/l
RT: 4.89 min Scan# 1182
Delta R.T. -0.00 min
Lab File: VU034476.D
Acq: 11 Sep 2019 14:50

Tgt Ion: 97 Resp: 56984
Ion Ratio Lower Upper
97 100
99 63.6 32.0 96.2
61 42.2 21.4 64.3





#29

1,1-Dichloropropene

Concen: 1.923 ug/l

RT: 5.11 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VU034476.D

Acq: 11 Sep 2019 14:50

Instrument :

MSVOA_U

ClientSampleId :

VU0911WBSD01

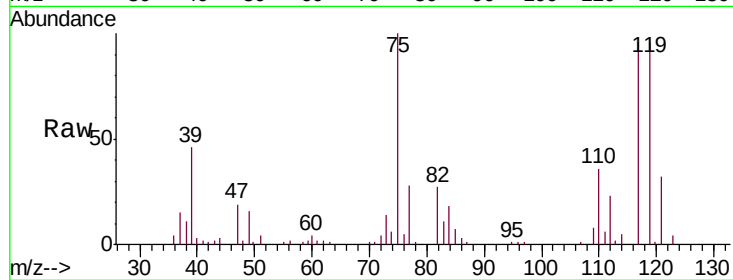
Tgt Ion: 75 Resp: 47745

Ion Ratio Lower Upper

75 100

110 36.3 18.4 55.2

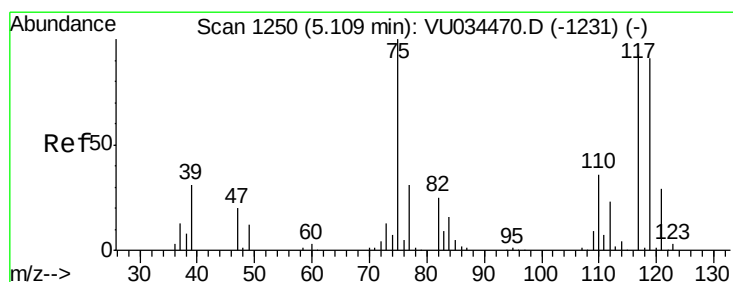
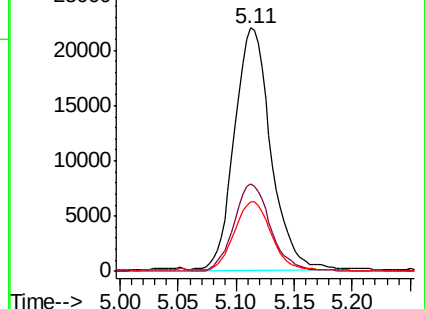
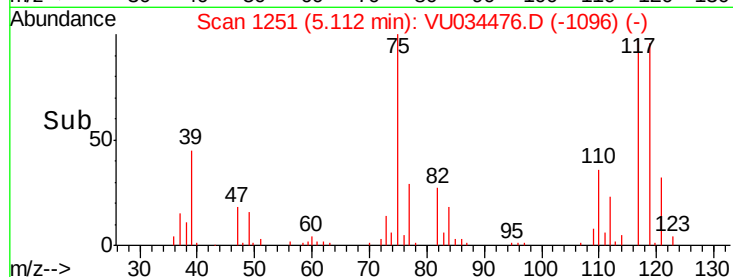
77 28.2 25.0 37.6



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: 1.940 ug/l

RT: 5.11 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VU034476.D

Acq: 11 Sep 2019 14:50

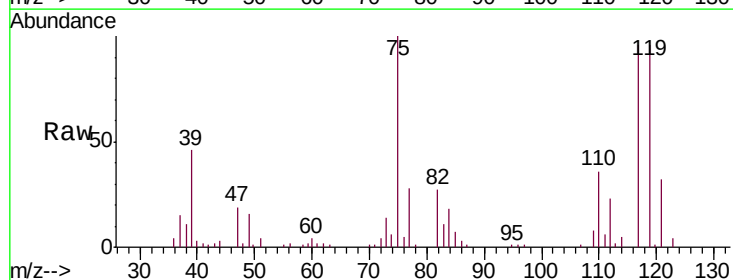
Tgt Ion: 117 Resp: 49948

Ion Ratio Lower Upper

117 100

119 99.2 78.5 117.7

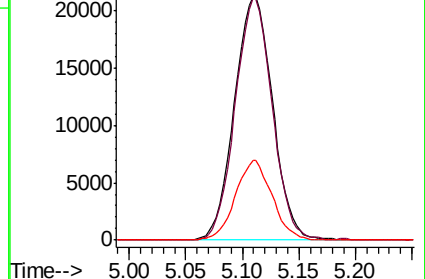
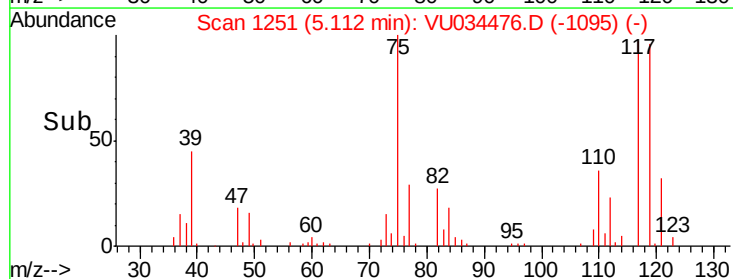
121 33.0 25.3 37.9

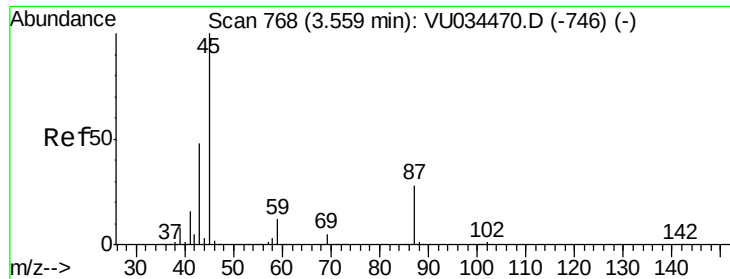


Abundance Ion 117.00 (116.70 to 117.70): VU034470.D (-1231) (-)

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: 1.985 ug/l

RT: 3.56 min Scan# 768

Delta R.T. -0.00 min

Lab File: VU034476.D

Acq: 11 Sep 2019 14:50

Instrument :

MSVOA_U

ClientSampleId :

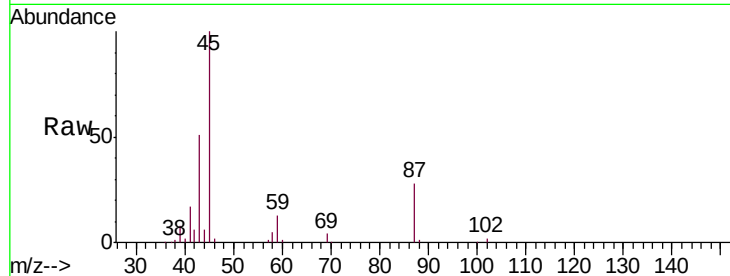
VU0911WBSD01

Tgt Ion: 45 Resp: 100683

Ion Ratio Lower Upper

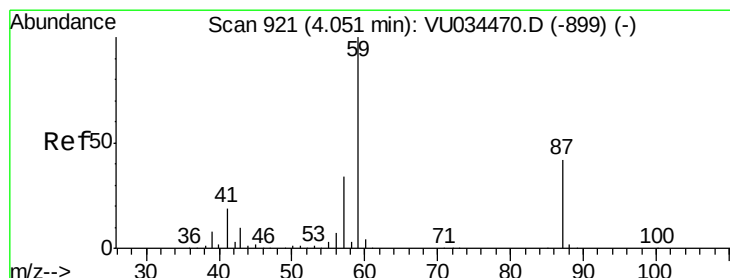
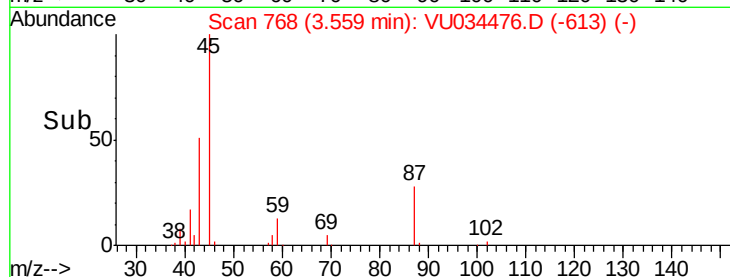
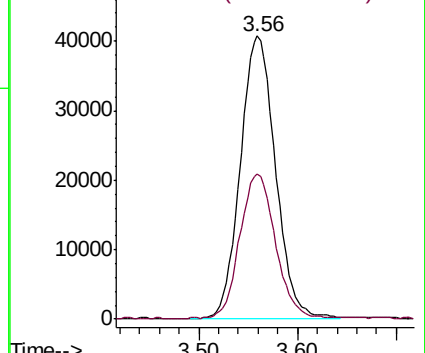
45 100

43 51.1 24.8 74.3



Abundance Ion 45.00 (44.70 to 45.70): VU0

Ion 43.00 (42.70 to 43.70): VU0



#32

Ethyl-t-butyl ether

Concen: 1.900 ug/l

RT: 4.05 min Scan# 922

Delta R.T. 0.00 min

Lab File: VU034476.D

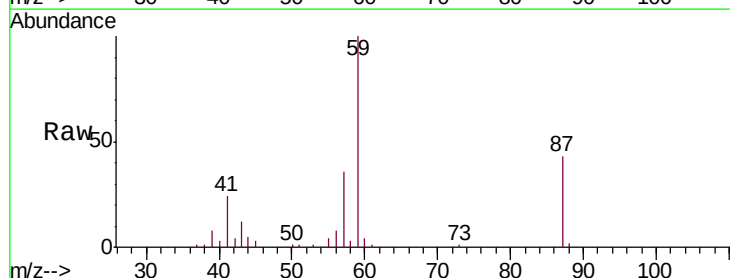
Acq: 11 Sep 2019 14:50

Tgt Ion: 59 Resp: 82461

Ion Ratio Lower Upper

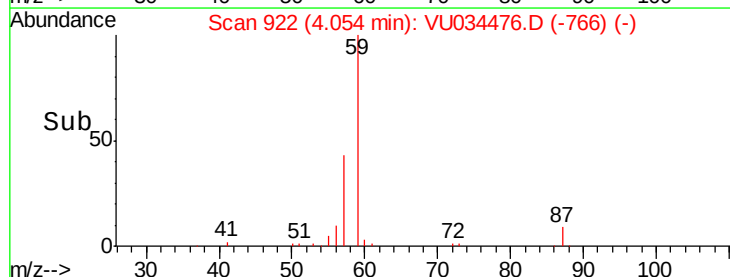
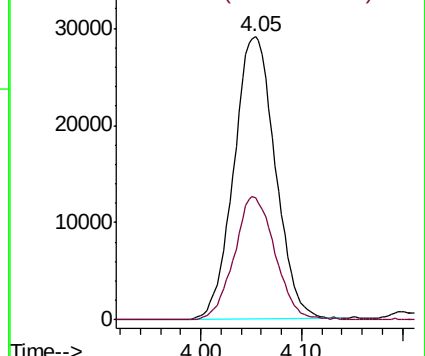
59 100

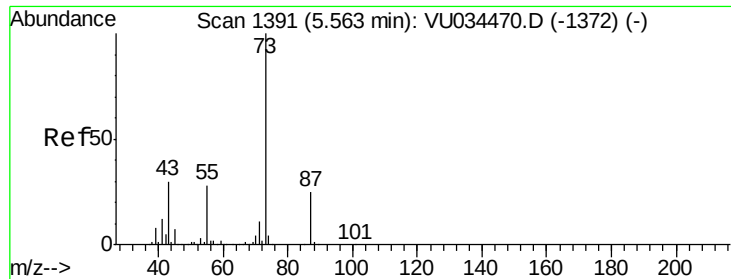
87 43.3 33.6 50.4



Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 87.00 (86.70 to 87.70): VU0

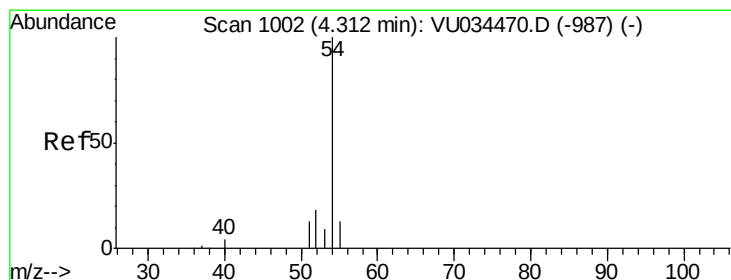
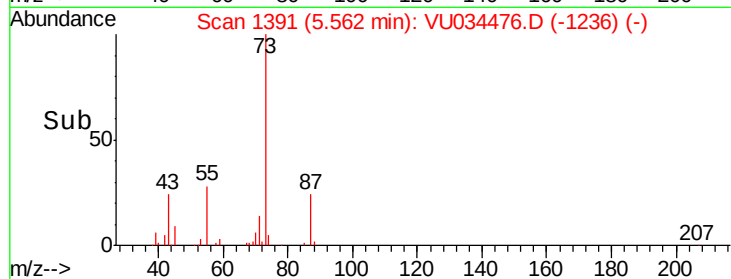
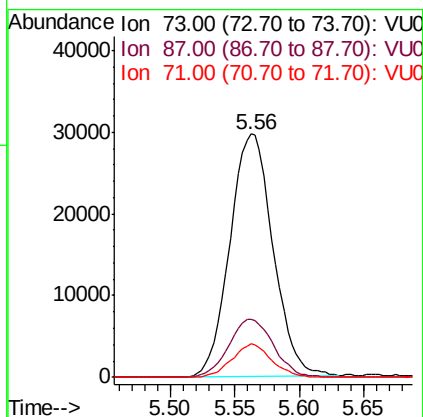
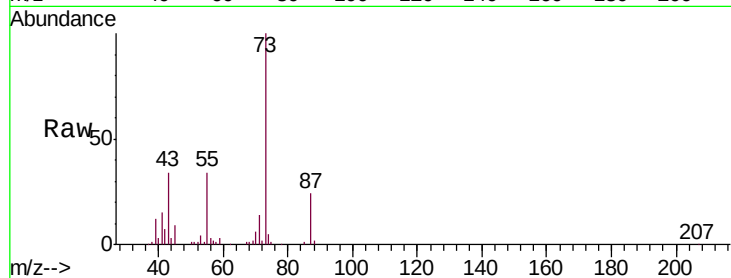




#33
 Tert-Amyl methyl ether
 Concen: 1.895 ug/l
 RT: 5.56 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VU034476.D
 Acq: 11 Sep 2019 14:50

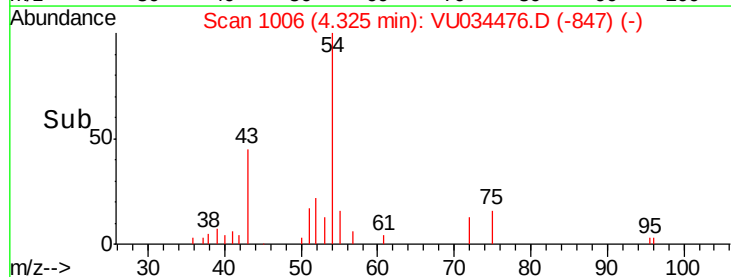
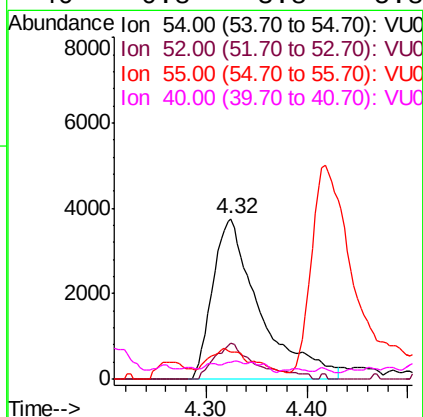
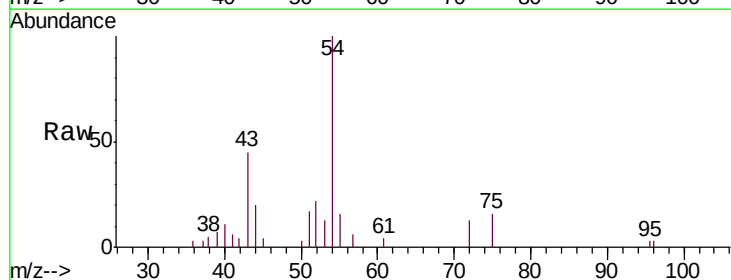
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0911WBSD01

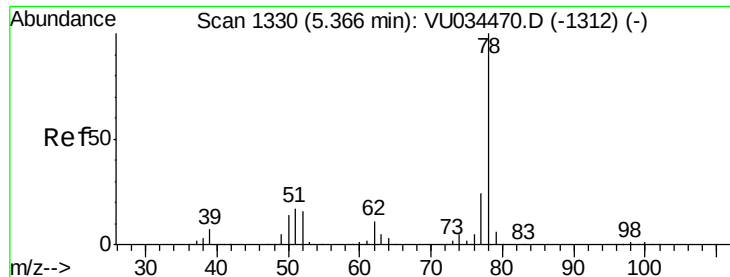
Tgt Ion: 73 Resp: 68893
 Ion Ratio Lower Upper
 73 100
 87 24.9 19.4 29.0
 71 12.6 9.3 13.9



#34
 Propionitrile
 Concen: 10.358 ug/l
 RT: 4.32 min Scan# 1006
 Delta R.T. 0.01 min
 Lab File: VU034476.D
 Acq: 11 Sep 2019 14:50

Tgt Ion: 54 Resp: 12170
 Ion Ratio Lower Upper
 54 100
 52 19.5 14.1 21.1
 55 8.7 13.3 19.9#
 40 0.8 3.8 5.8#





#35

Benzene

Concen: 1.923 ug/l

RT: 5.37 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VU034476.D

Acq: 11 Sep 2019 14:50

Instrument :

MSVOA_U

ClientSampleId :

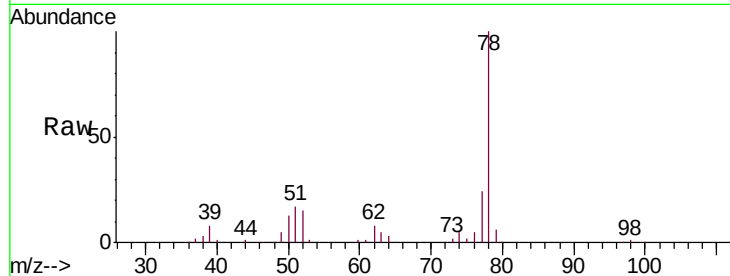
VU0911WBSD01

Tgt Ion: 78 Resp: 143145

Ion Ratio Lower Upper

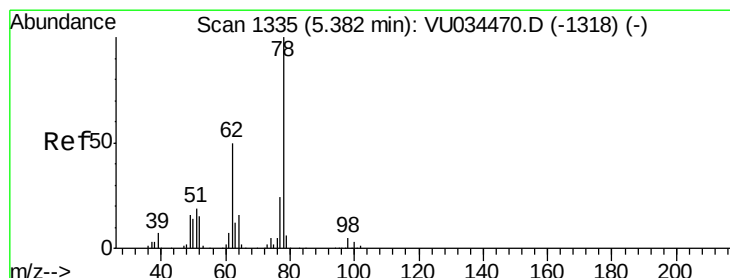
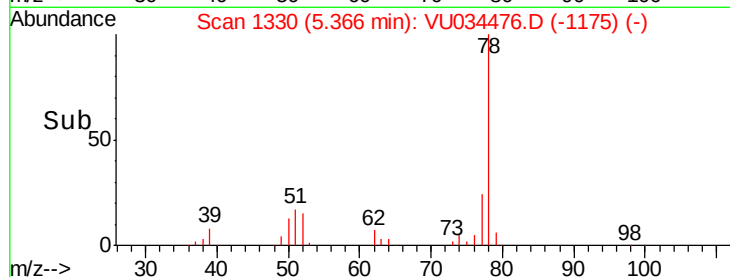
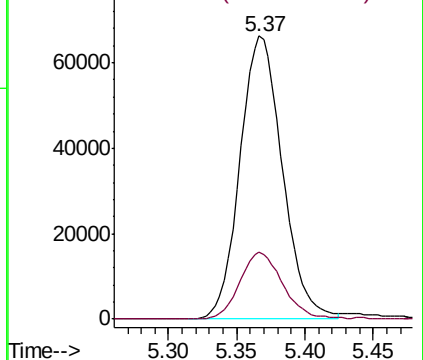
78 100

77 23.5 19.3 28.9



Abundance Ion 78.10 (77.80 to 78.80): VU0

Ion 77.00 (76.70 to 77.70): VU0



#36

1,2-Dichloroethane

Concen: 1.947 ug/l

RT: 5.39 min Scan# 1336

Delta R.T. 0.00 min

Lab File: VU034476.D

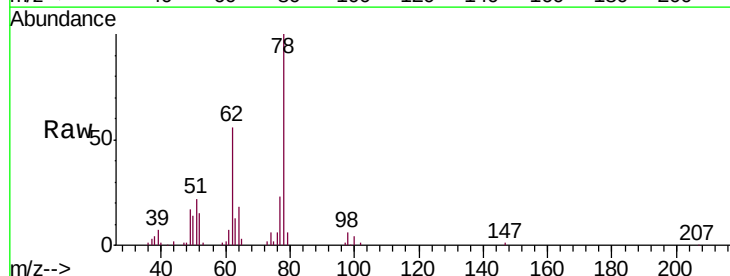
Acq: 11 Sep 2019 14:50

Tgt Ion: 62 Resp: 37220

Ion Ratio Lower Upper

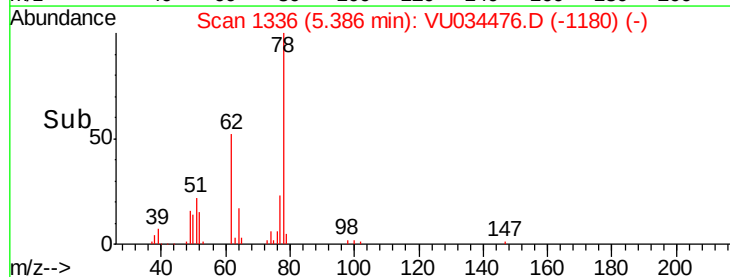
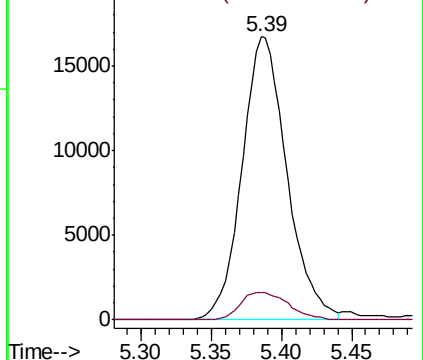
62 100

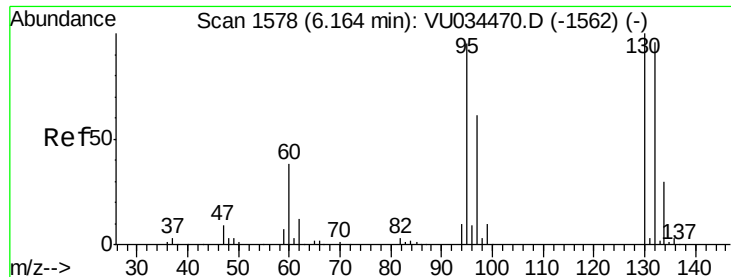
98 10.4 8.0 12.0



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

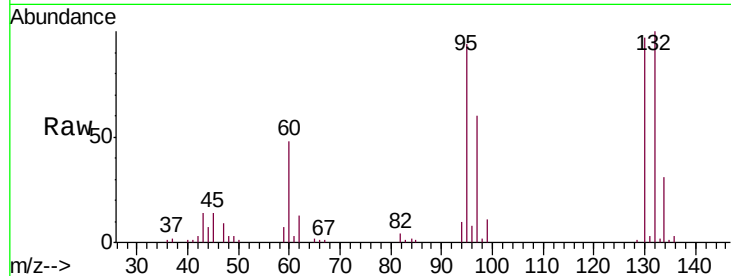




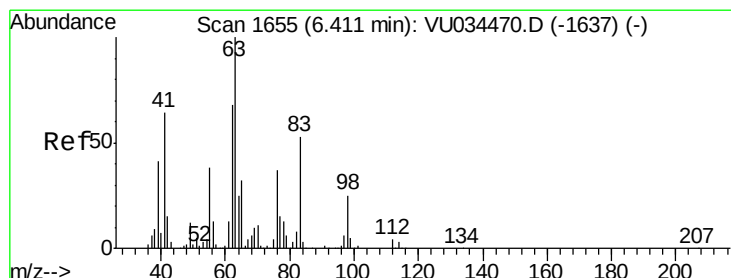
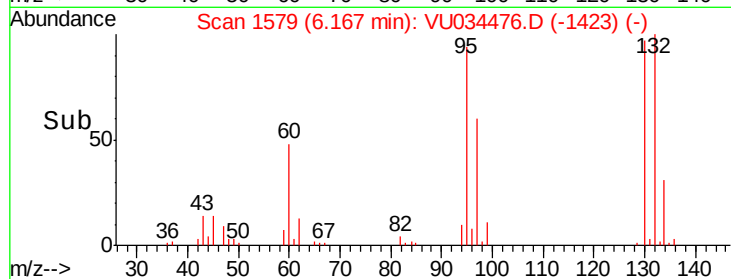
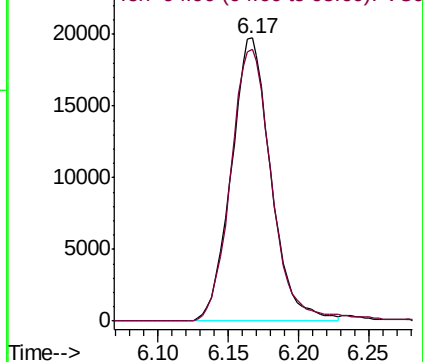
#37
 Trichloroethene
 Concen: 1.864 ug/l
 RT: 6.17 min Scan# 1579
 Delta R.T. 0.00 min
 Lab File: VU034476.D
 Acq: 11 Sep 2019 14:50

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0911WBSD01

Tgt Ion:130 Resp: 38821
 Ion Ratio Lower Upper
 130 100
 95 96.1 76.3 114.5

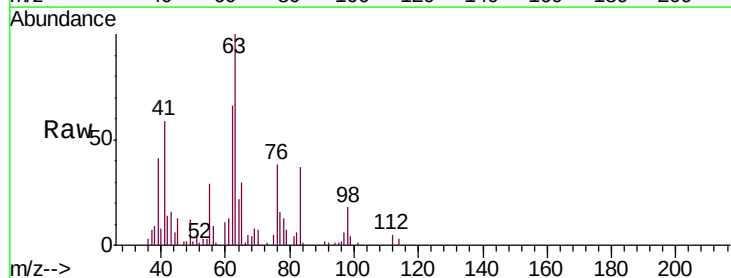


Abundance Ion 129.90 (129.60 to 130.60): VU034476.D (-1562) (-)
 Ion 94.90 (94.60 to 95.60): VU034476.D (-1562) (-)

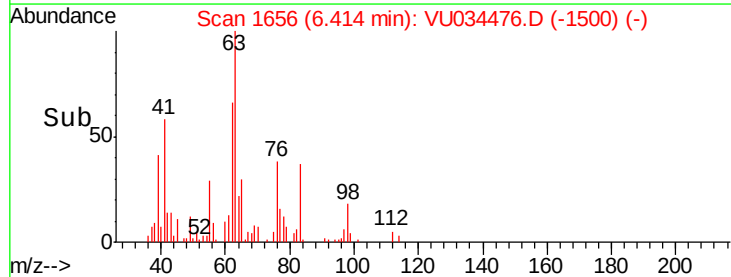
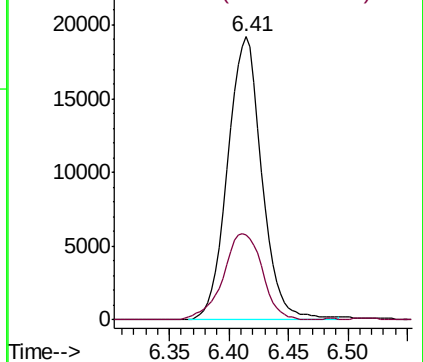


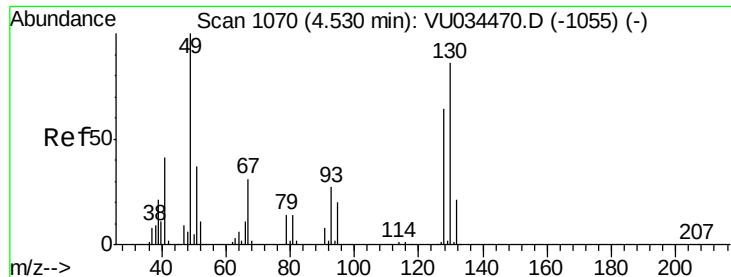
#38
 1,2-Dichloropropane
 Concen: 1.940 ug/l
 RT: 6.41 min Scan# 1656
 Delta R.T. 0.00 min
 Lab File: VU034476.D
 Acq: 11 Sep 2019 14:50

Tgt Ion: 63 Resp: 38261
 Ion Ratio Lower Upper
 63 100
 65 30.1 25.4 38.2



Abundance Ion 63.00 (62.70 to 63.70): VU034476.D (-1500) (-)
 Ion 65.00 (64.70 to 65.70): VU034476.D (-1500) (-)

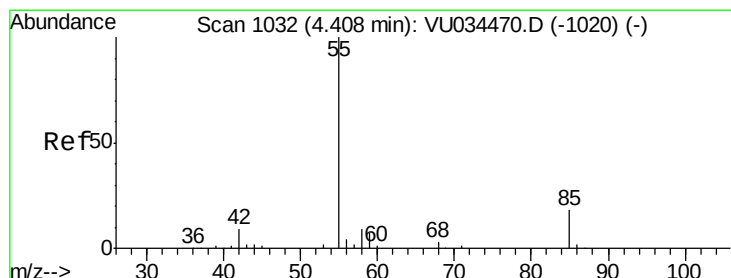
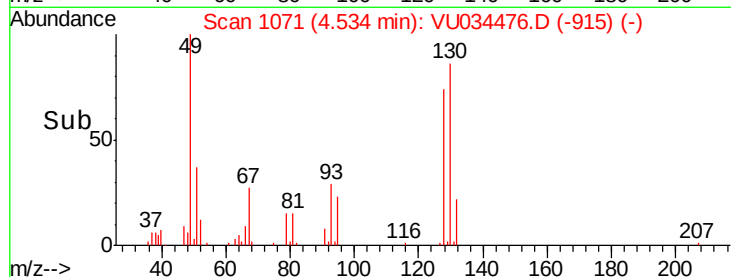
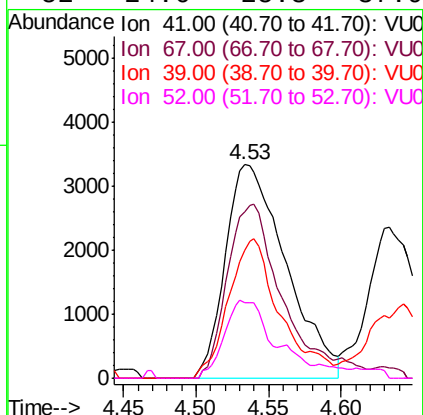
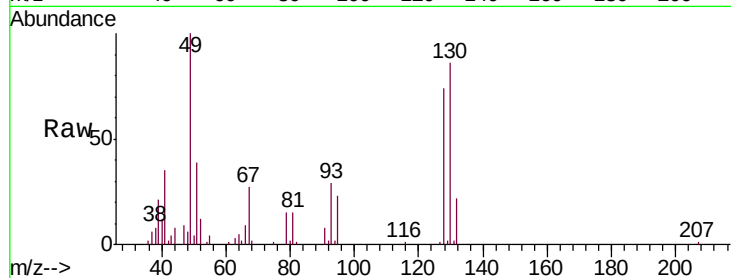




#39
Methacrylonitrile
Concen: 1.991 ug/l
RT: 4.53 min Scan# 1071
Delta R.T. 0.00 min
Lab File: VU034476.D
Acq: 11 Sep 2019 14:50

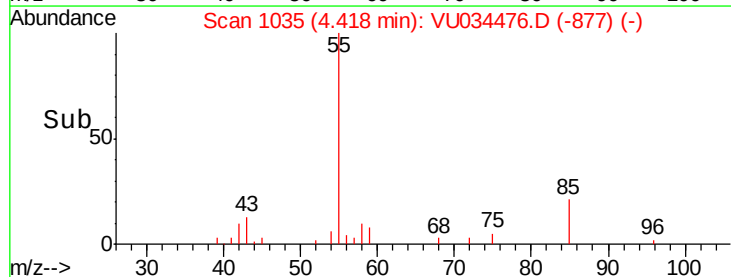
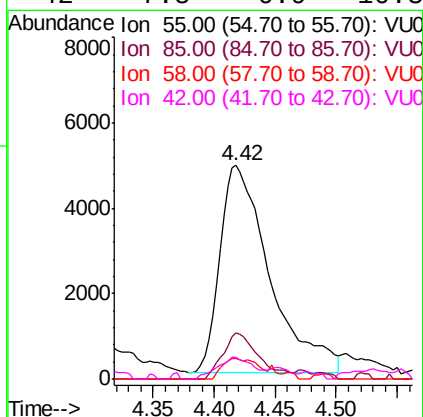
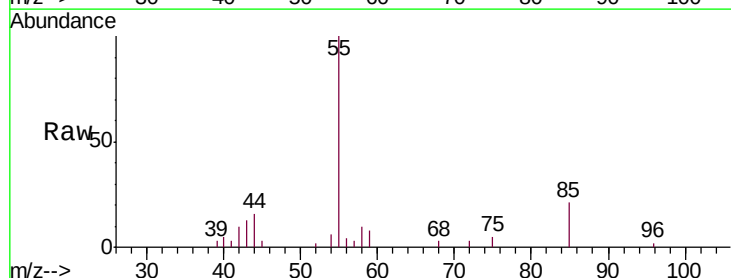
Instrument :
MSVOA_U
ClientSampleId :
VU0911WBSD01

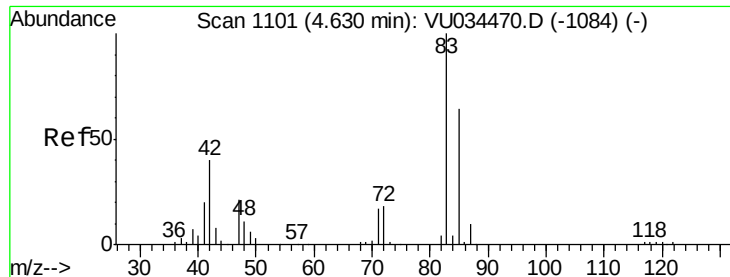
Tgt Ion: 41 Resp: 9678
Ion Ratio Lower Upper
41 100
67 75.3 62.6 94.0
39 55.5 41.6 62.4
52 24.6 25.3 37.9#



#40
Methyl acrylate
Concen: 1.863 ug/l
RT: 4.42 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VU034476.D
Acq: 11 Sep 2019 14:50

Tgt Ion: 55 Resp: 13804
Ion Ratio Lower Upper
55 100
85 16.3 13.8 20.6
58 7.1 7.0 10.6
42 7.5 6.9 10.3





#41

Tetrahydrofuran

Concen: 3.722 ug/l

RT: 4.63 min Scan# 1102

Delta R.T. 0.00 min

Lab File: VU034476.D

Acq: 11 Sep 2019 14:50

Instrument :

MSVOA_U

ClientSampleId :

VU0911WBSD01

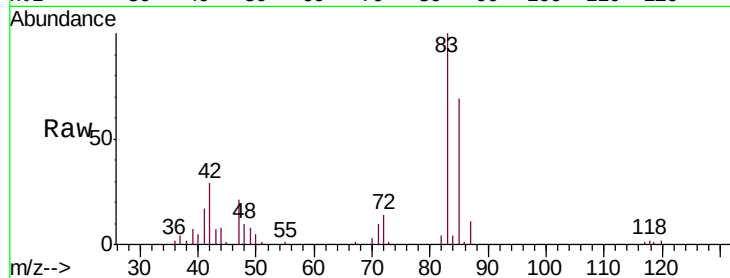
Tgt Ion: 42 Resp: 9272

Ion Ratio Lower Upper

42 100

72 48.0 39.6 59.4

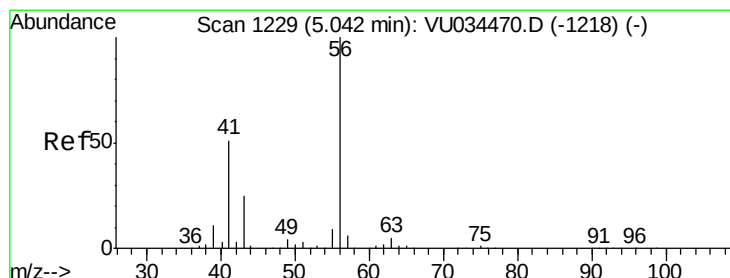
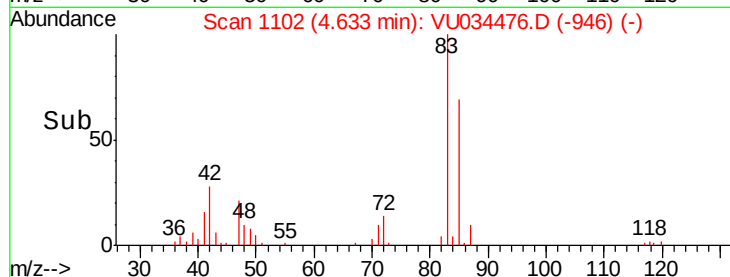
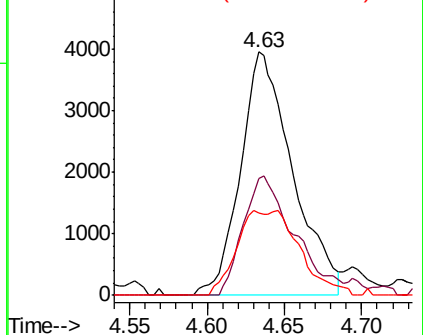
71 21.5 33.6 50.4#



Abundance Ion 42.00 (41.70 to 42.70): VU0

Ion 72.00 (71.70 to 72.70): VU0

Ion 71.00 (70.70 to 71.70): VU0



#42

1-Chlorobutane

Concen: 1.861 ug/l

RT: 5.04 min Scan# 1230

Delta R.T. 0.00 min

Lab File: VU034476.D

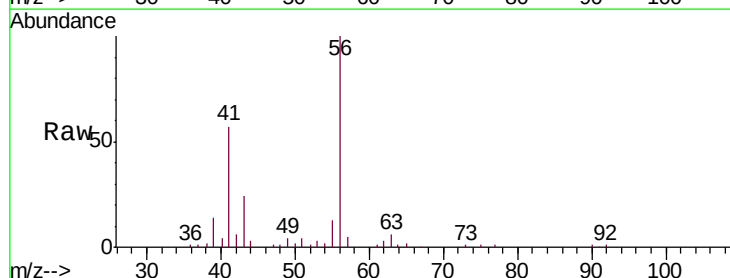
Acq: 11 Sep 2019 14:50

Tgt Ion: 56 Resp: 62792

Ion Ratio Lower Upper

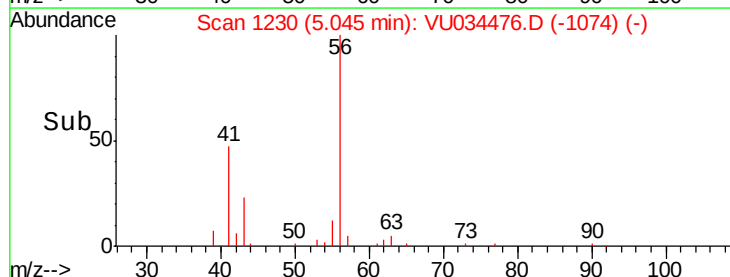
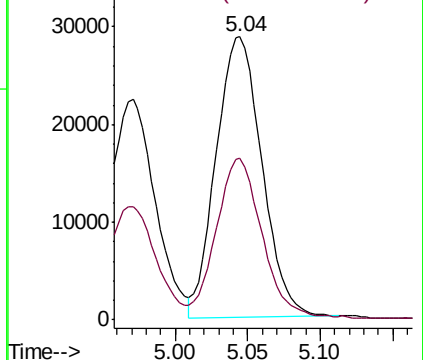
56 100

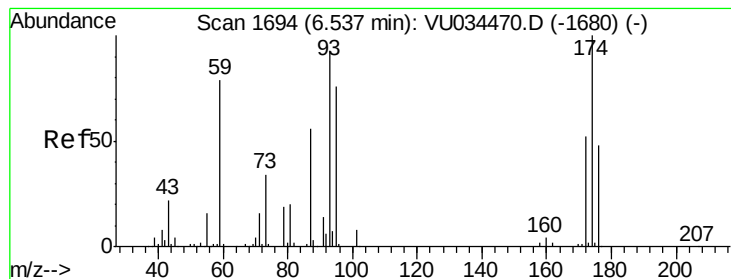
41 56.3 25.5 76.5



Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 41.00 (40.70 to 41.70): VU0





#43

Dibromomethane

Concen: 1.941 ug/l

RT: 6.54 min Scan# 1695

Delta R.T. 0.00 min

Lab File: VU034476.D

Acq: 11 Sep 2019 14:50

Instrument :

MSVOA_U

ClientSampleId :

VU0911WBSD01

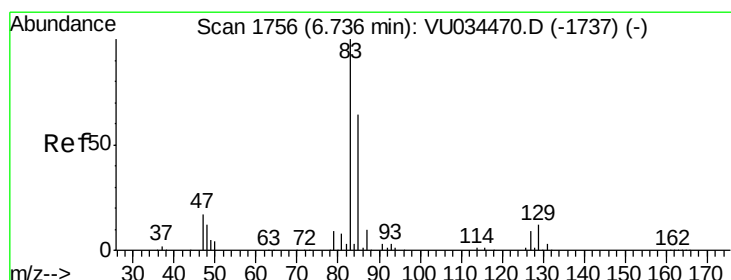
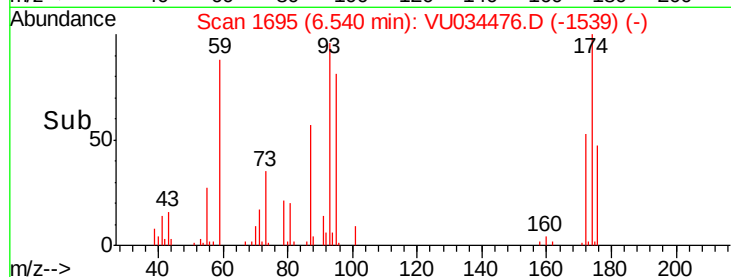
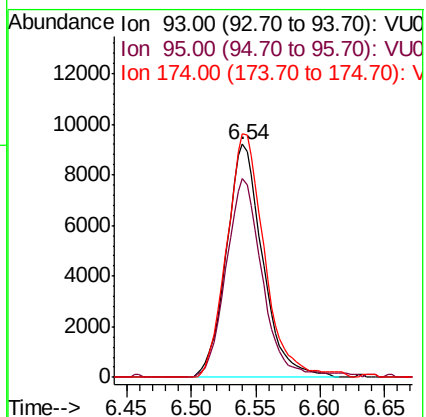
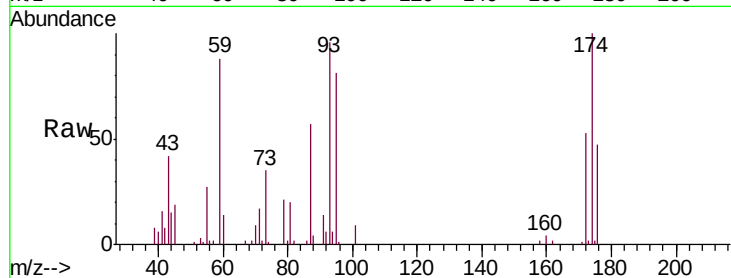
Tgt Ion: 93 Resp: 18020

Ion Ratio Lower Upper

93 100

95 84.5 67.1 100.7

174 108.5 88.7 133.1



#44

Bromodichloromethane

Concen: 1.938 ug/l

RT: 6.74 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VU034476.D

Acq: 11 Sep 2019 14:50

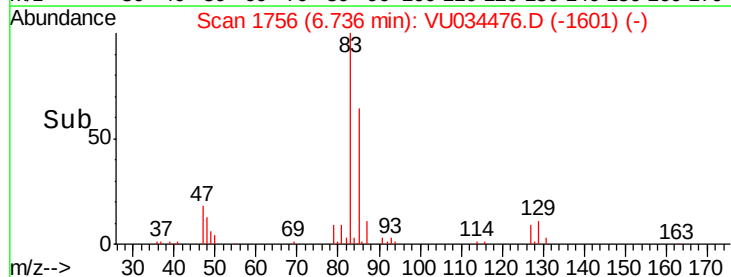
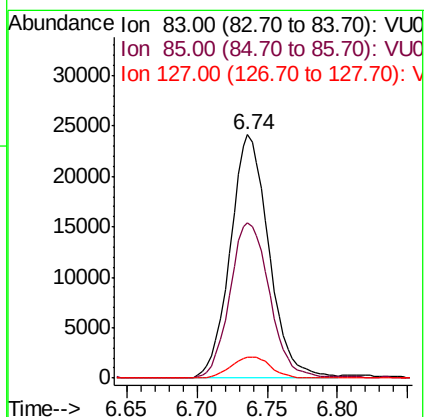
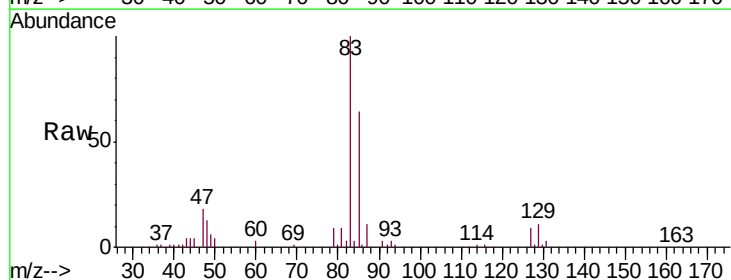
Tgt Ion: 83 Resp: 46221

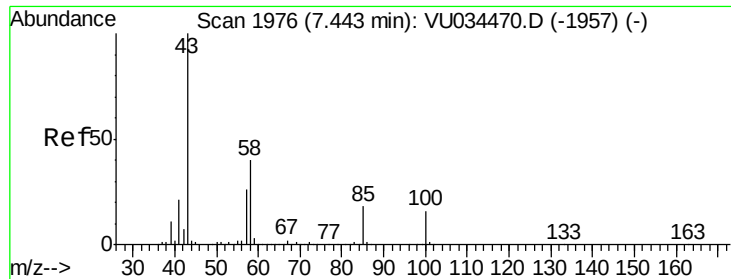
Ion Ratio Lower Upper

83 100

85 63.7 51.1 76.7

127 8.5 7.1 10.7

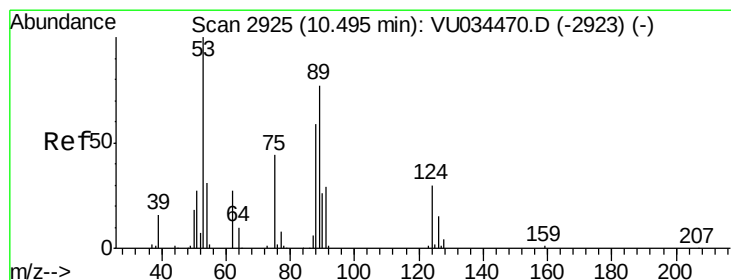
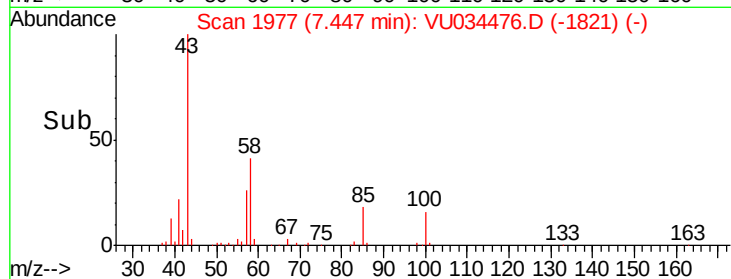
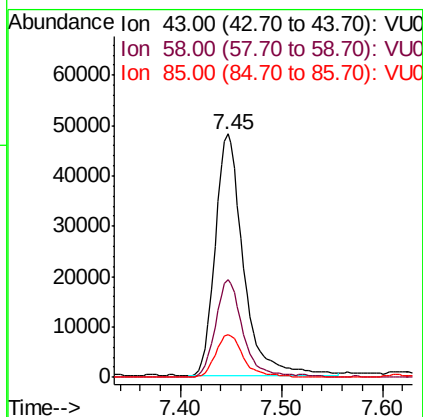
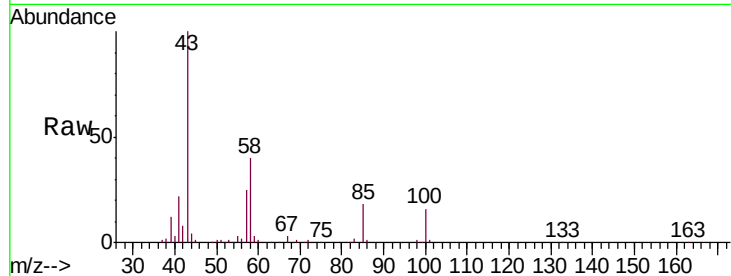




#45
 4-Methyl-2-Pentanone
 Concen: 9.988 ug/l
 RT: 7.45 min Scan# 1977
 Delta R.T. 0.00 min
 Lab File: VU034476.D
 Acq: 11 Sep 2019 14:50

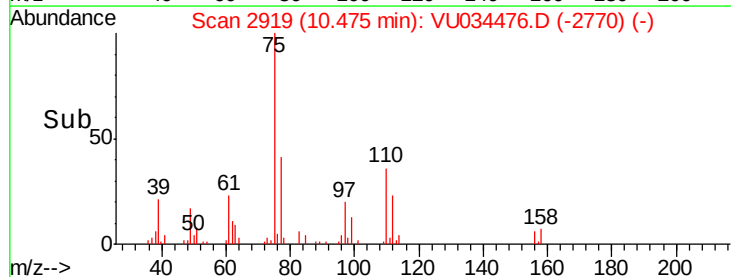
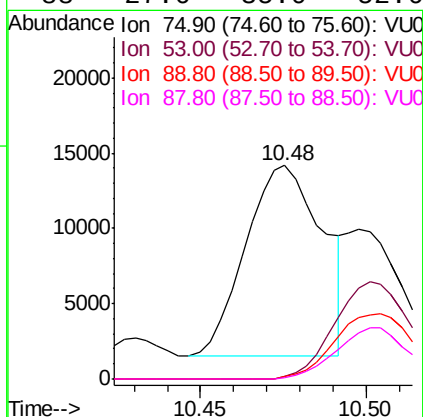
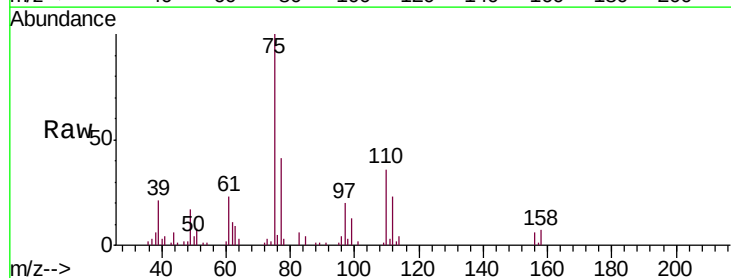
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0911WBSD01

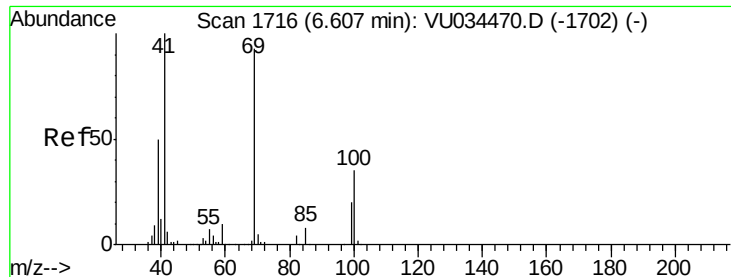
Tgt Ion: 43 Resp: 94012
 Ion Ratio Lower Upper
 43 100
 58 38.9 20.2 60.6
 85 17.6 14.6 21.8



#46
 t-1,4-Dichloro-2-butene
 Concen: 5.464 ug/l
 RT: 10.48 min Scan# 2919
 Delta R.T. -0.02 min
 Lab File: VU034476.D
 Acq: 11 Sep 2019 14:50

Tgt Ion: 75 Resp: 20498
 Ion Ratio Lower Upper
 75 100
 53 54.2 63.3 94.9#
 89 38.0 46.2 69.2#
 88 27.6 35.0 52.6#





#47

Methyl methacrylate

Concen: 3.755 ug/l

RT: 6.61 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VU034476.D

Acq: 11 Sep 2019 14:50

Instrument :

MSVOA_U

ClientSampleId :

VU0911WBSD01

Tgt Ion: 69 Resp: 27807

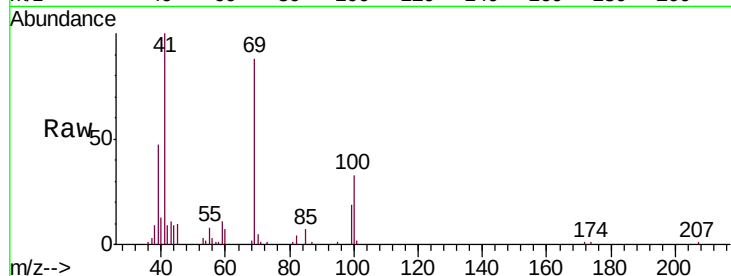
Ion Ratio Lower Upper

69 100

41 109.4 0.0 212.8

39 53.2 43.0 64.4

100 39.3 30.1 45.1

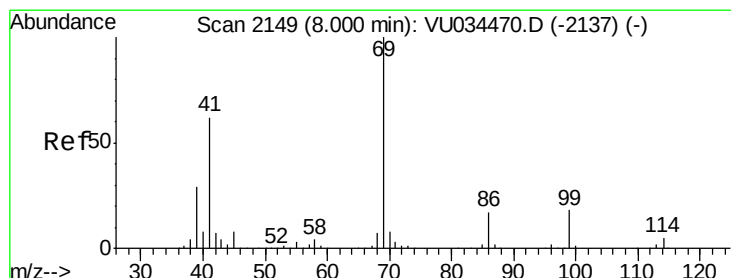
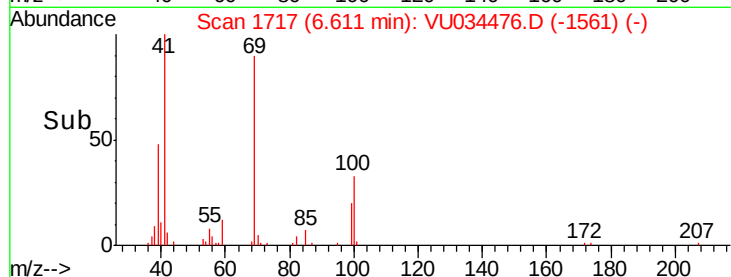
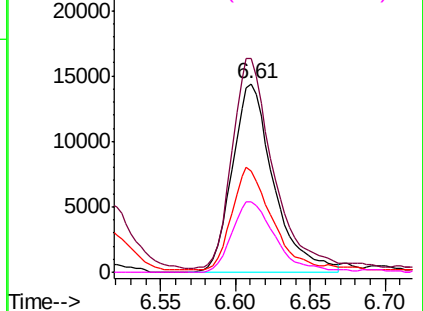


Abundance Ion 69.00 (68.70 to 69.70): VU0

Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

Ion 100.00 (99.70 to 100.70): VU0



#48

Ethyl methacrylate

Concen: 1.871 ug/l

RT: 8.00 min Scan# 2150

Delta R.T. 0.00 min

Lab File: VU034476.D

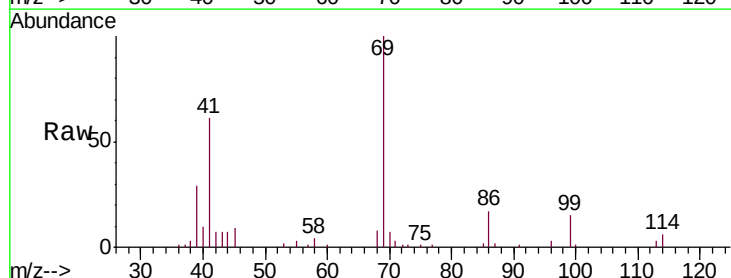
Acq: 11 Sep 2019 14:50

Tgt Ion: 69 Resp: 24890

Ion Ratio Lower Upper

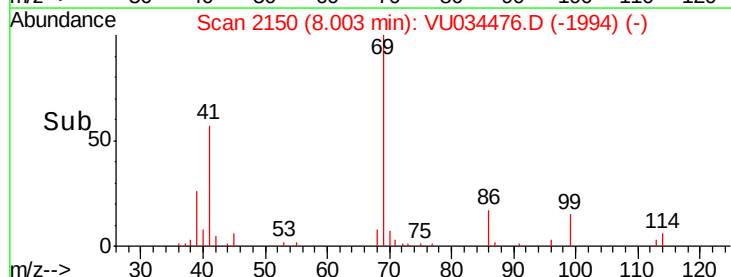
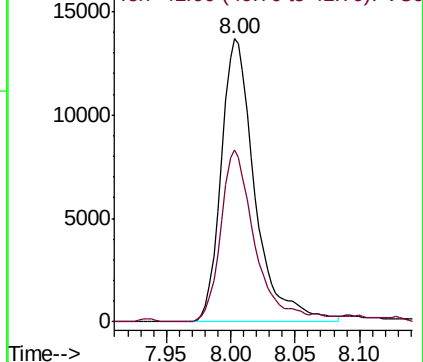
69 100

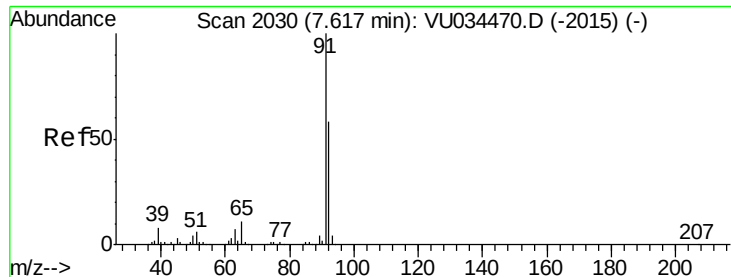
41 62.1 30.6 91.8



Abundance Ion 69.00 (68.70 to 69.70): VU0

Ion 41.00 (40.70 to 41.70): VU0





#49

Toluene

Concen: 1.906 ug/l

RT: 7.62 min Scan# 2030

Delta R.T. -0.00 min

Lab File: VU034476.D

Acq: 11 Sep 2019 14:50

Instrument :

MSVOA_U

ClientSampleId :

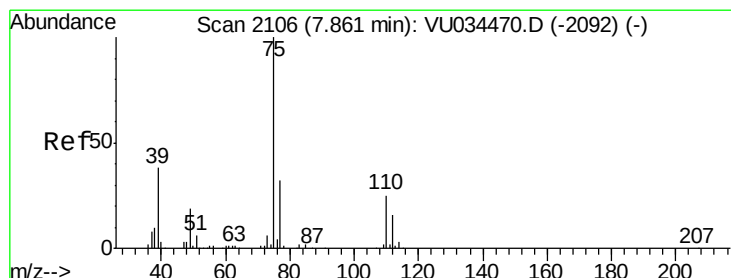
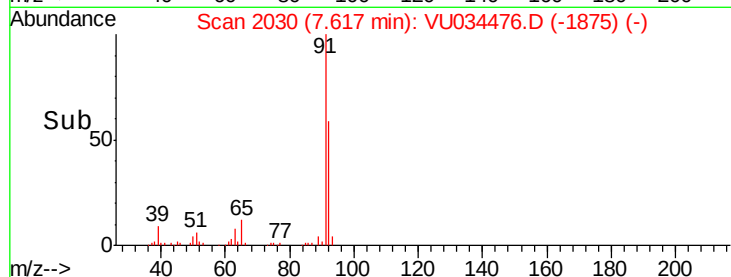
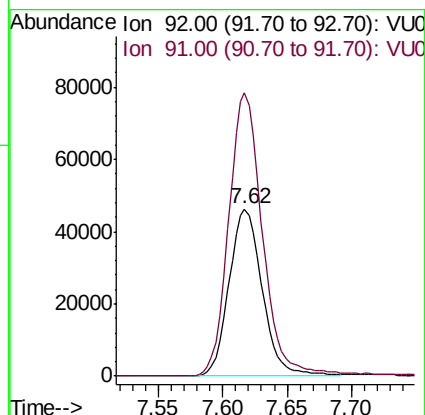
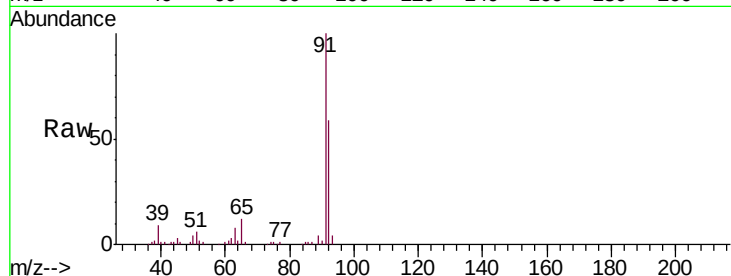
VU0911WBSD01

Tgt Ion: 92 Resp: 82793

Ion Ratio Lower Upper

92 100

91 172.5 138.6 208.0



#50

t-1,3-Dichloropropene

Concen: 1.921 ug/l

RT: 7.86 min Scan# 2107

Delta R.T. 0.00 min

Lab File: VU034476.D

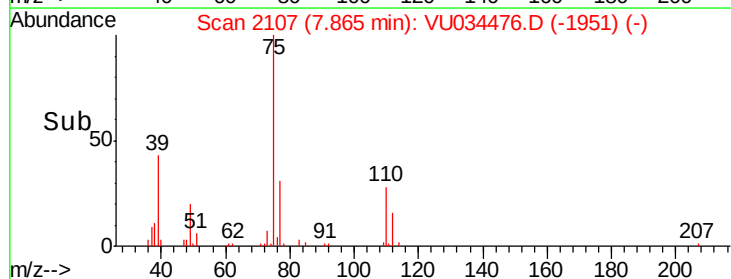
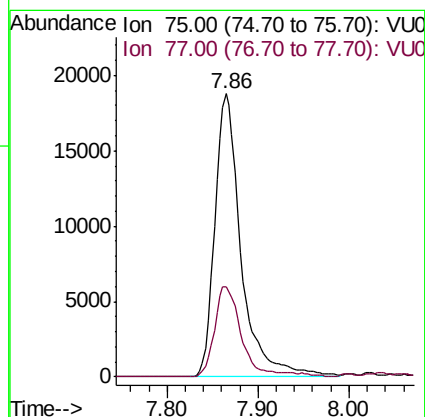
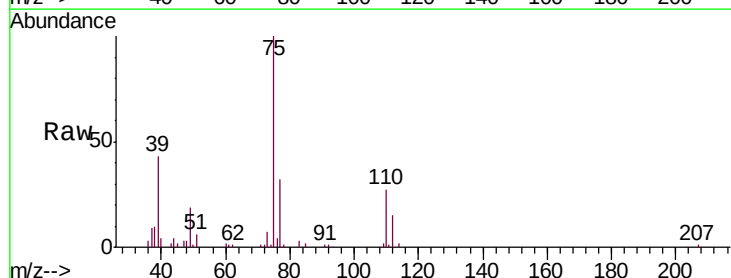
Acq: 11 Sep 2019 14:50

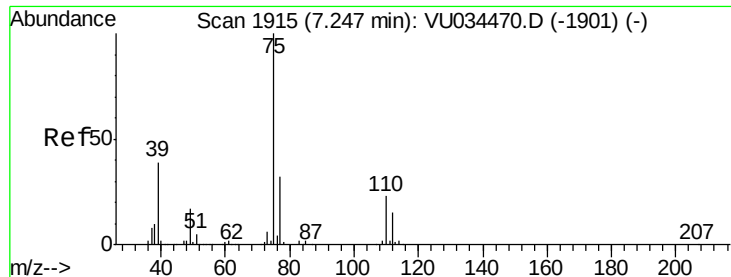
Tgt Ion: 75 Resp: 37722

Ion Ratio Lower Upper

75 100

77 31.6 25.4 38.0



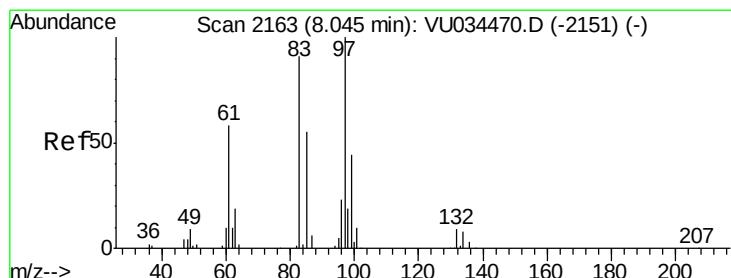
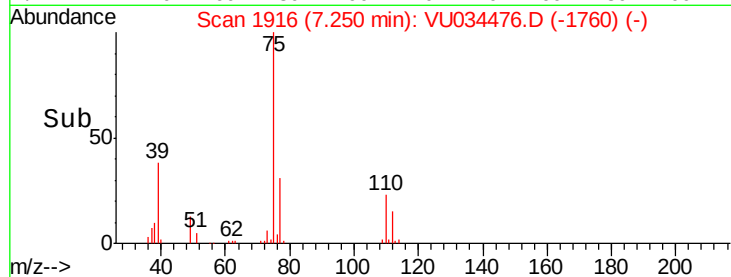
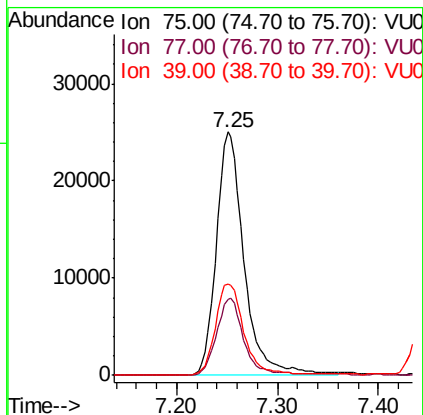
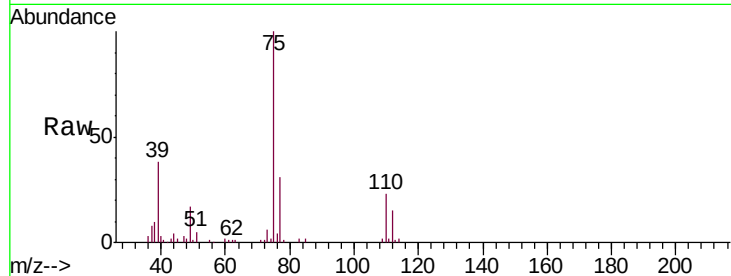


#51

cis-1,3-Dichloropropene
 Concen: 1.941 ug/l
 RT: 7.25 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VU034476.D
 Acq: 11 Sep 2019 14:50

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0911WBSD01

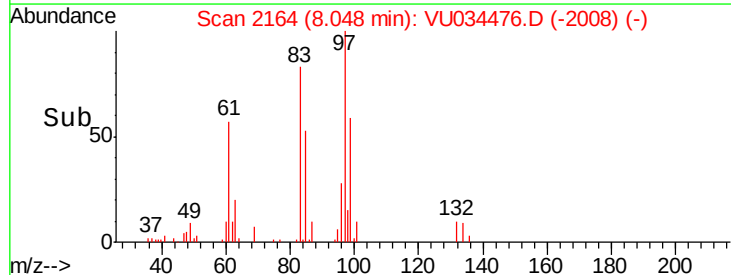
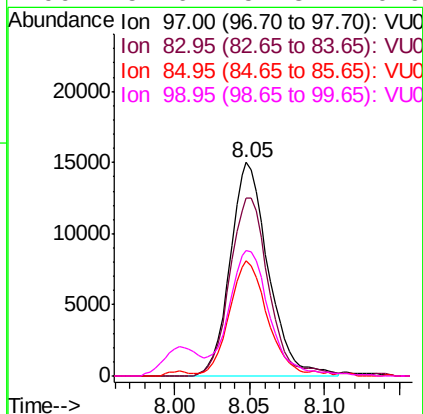
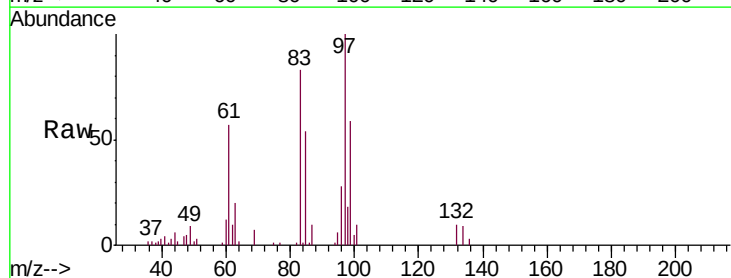
Tgt Ion: 75 Resp: 47979
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.3 37.9
 39 37.7 31.0 46.4

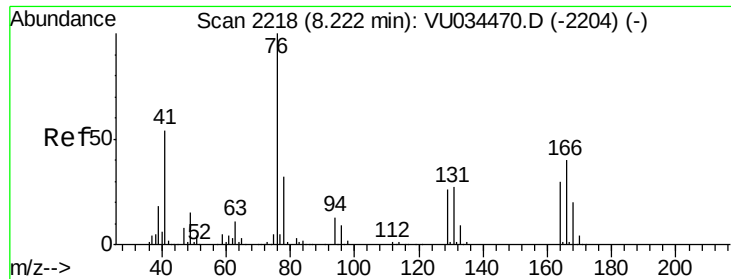


#52

1,1,2-Trichloroethane
 Concen: 2.060 ug/l
 RT: 8.05 min Scan# 2164
 Delta R.T. 0.00 min
 Lab File: VU034476.D
 Acq: 11 Sep 2019 14:50

Tgt Ion: 97 Resp: 26558
 Ion Ratio Lower Upper
 97 100
 83 83.2 72.5 108.7
 85 52.6 45.4 68.0
 99 57.6 51.3 76.9

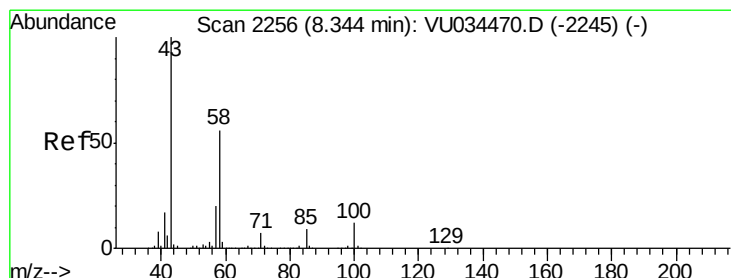
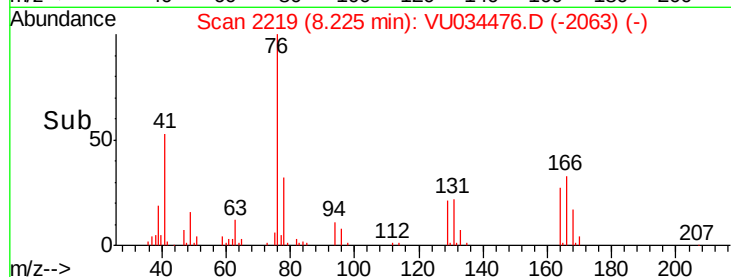
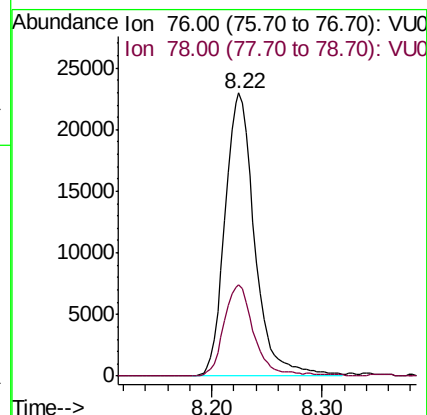
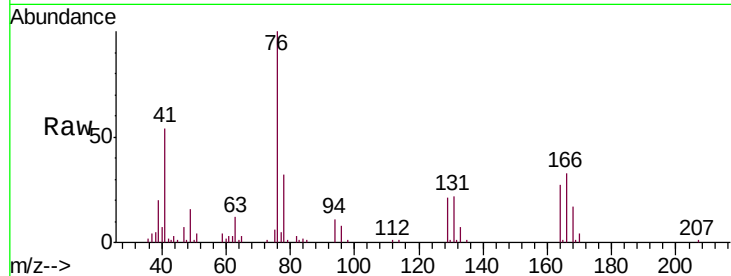




#53
 1,3-Dichloropropane
 Concen: 1.994 ug/l
 RT: 8.22 min Scan# 2219
 Delta R.T. 0.00 min
 Lab File: VU034476.D
 Acq: 11 Sep 2019 14:50

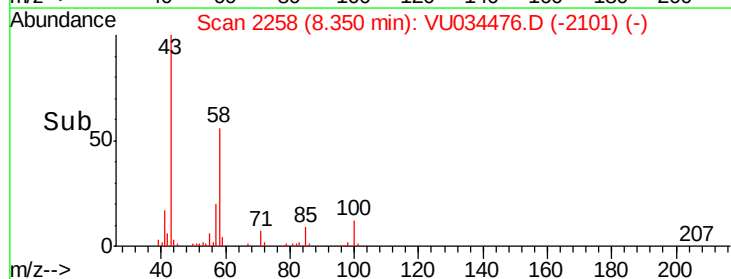
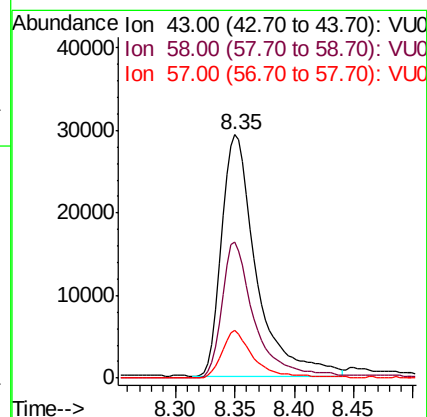
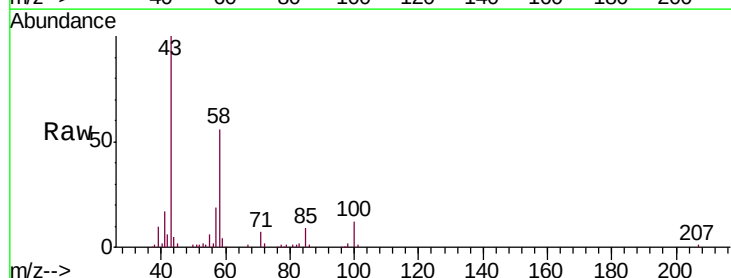
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0911WBSD01

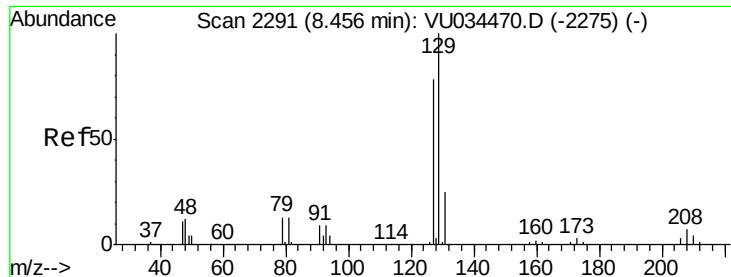
Tgt Ion: 76 Resp: 42996
 Ion Ratio Lower Upper
 76 100
 78 32.6 26.1 39.1



#54
 2-Hexanone
 Concen: 9.413 ug/l
 RT: 8.35 min Scan# 2258
 Delta R.T. 0.01 min
 Lab File: VU034476.D
 Acq: 11 Sep 2019 14:50

Tgt Ion: 43 Resp: 59388
 Ion Ratio Lower Upper
 43 100
 58 53.6 36.4 76.4
 57 17.4 0.0 39.5





#55

Dibromochloromethane

Concen: 1.957 ug/l

RT: 8.46 min Scan# 2291

Delta R.T. -0.00 min

Lab File: VU034476.D

Acq: 11 Sep 2019 14:50

Instrument :

MSVOA_U

ClientSampleId :

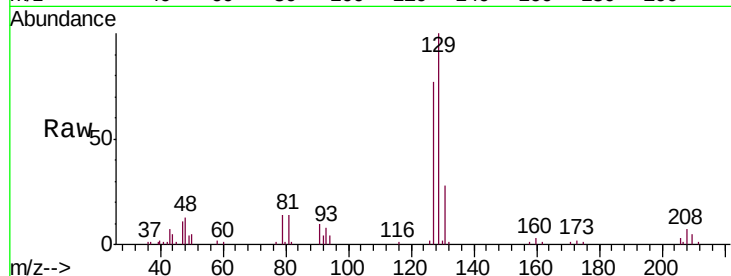
VU0911WBSD01

Tgt Ion:129 Resp: 30662

Ion Ratio Lower Upper

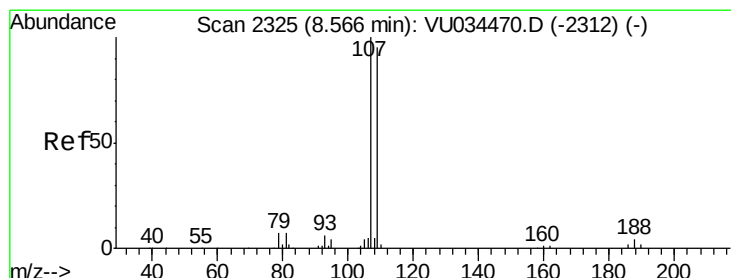
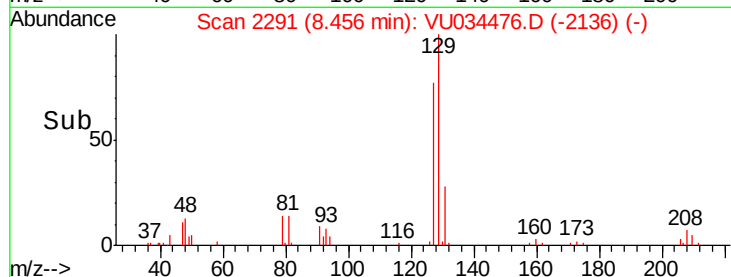
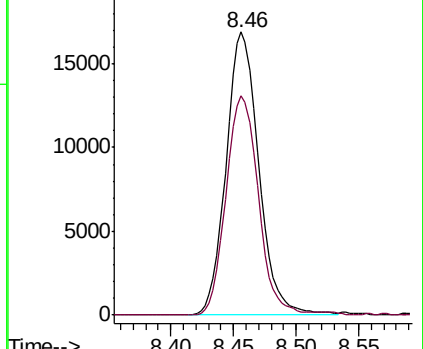
129 100

127 76.3 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: 1.967 ug/l

RT: 8.57 min Scan# 2326

Delta R.T. 0.00 min

Lab File: VU034476.D

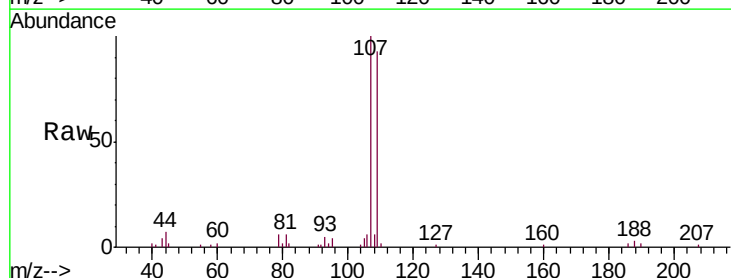
Acq: 11 Sep 2019 14:50

Tgt Ion:107 Resp: 23272

Ion Ratio Lower Upper

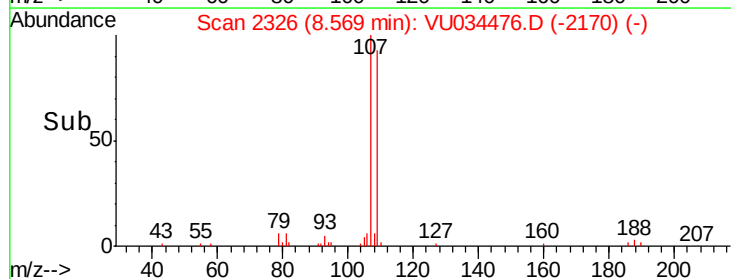
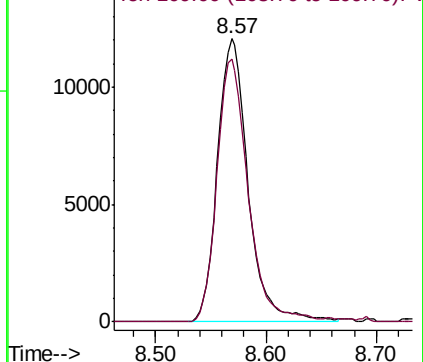
107 100

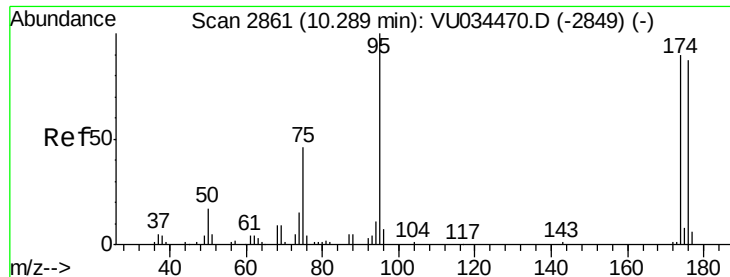
109 94.1 0.0 190.8



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

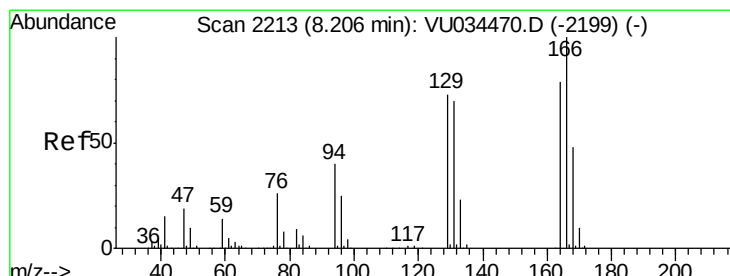
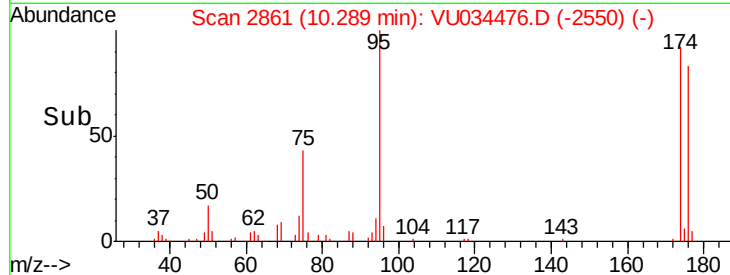
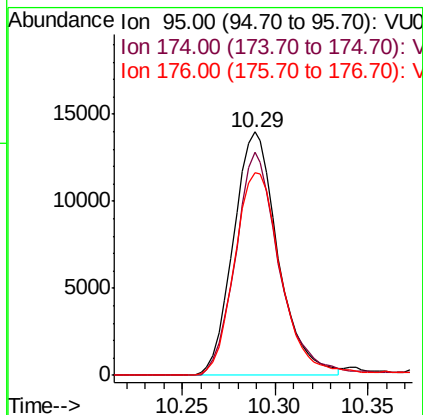
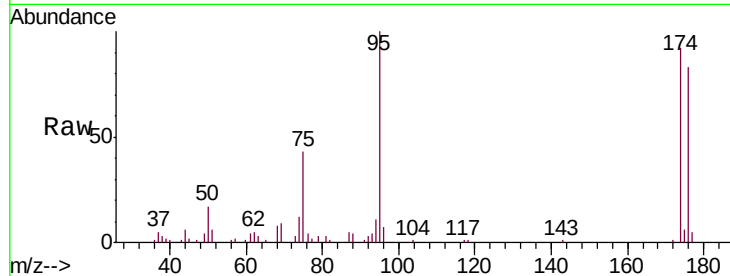




#57
 4-Bromofluorobenzene
 Concen: 0.973 ug/l
 RT: 10.29 min Scan# 2861
 Delta R.T. -0.00 min
 Lab File: VU034476.D
 Acq: 11 Sep 2019 14:50

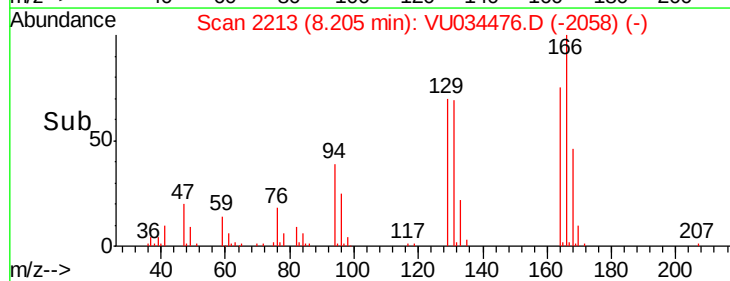
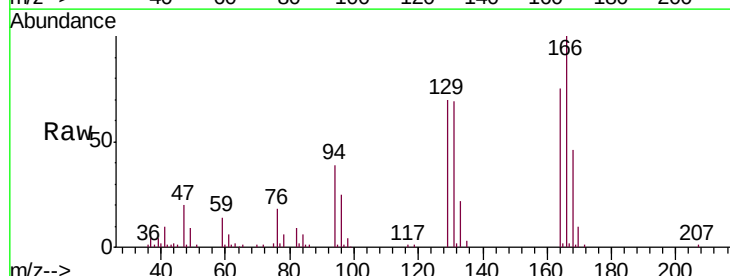
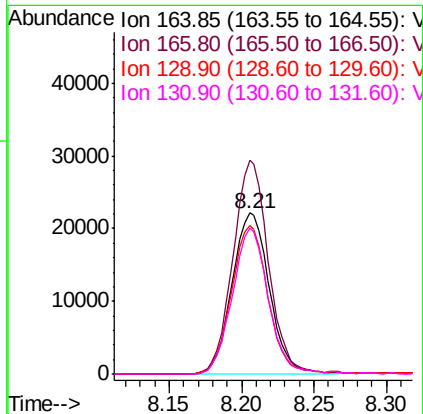
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0911WBSD01

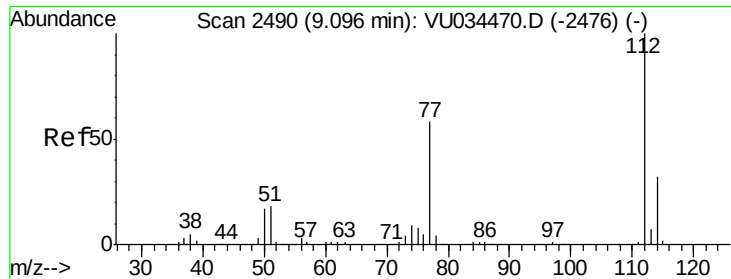
Tgt Ion: 95 Resp: 23387
 Ion Ratio Lower Upper
 95 100
 174 91.4 70.1 105.1
 176 86.9 67.7 101.5



#58
 Tetrachloroethene
 Concen: 1.998 ug/l
 RT: 8.21 min Scan# 2213
 Delta R.T. -0.00 min
 Lab File: VU034476.D
 Acq: 11 Sep 2019 14:50

Tgt Ion: 164 Resp: 39544
 Ion Ratio Lower Upper
 164 100
 166 132.9 101.5 152.3
 129 92.7 73.8 110.8
 131 91.1 71.5 107.3





#59

Chlorobenzene

Concen: 1.936 ug/l

RT: 9.10 min Scan# 2491

Delta R.T. 0.00 min

Lab File: VU034476.D

Acq: 11 Sep 2019 14:50

Instrument :

MSVOA_U

ClientSampleId :

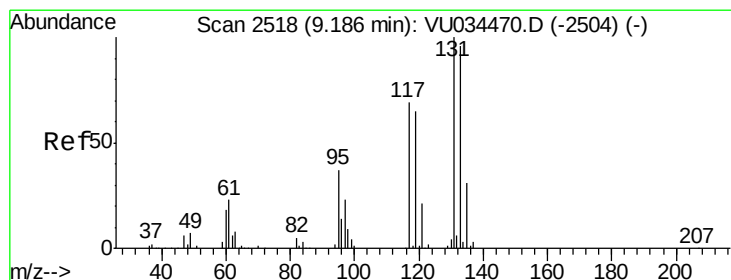
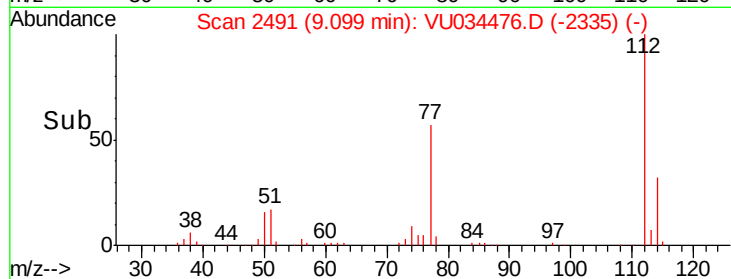
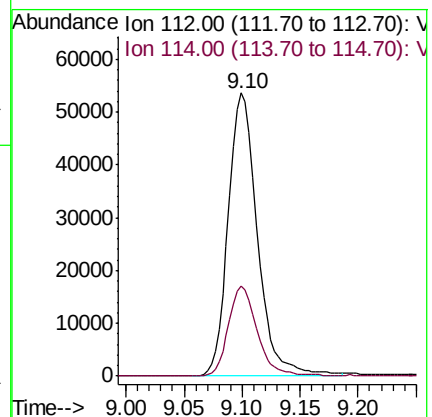
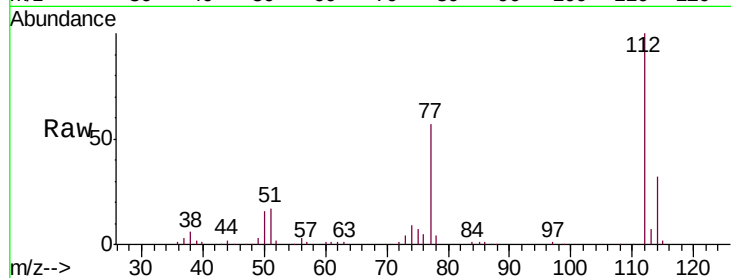
VU0911WBSD01

Tgt Ion:112 Resp: 93708

Ion Ratio Lower Upper

112 100

114 31.7 25.6 38.4



#60

1,1,1,2-Tetrachloroethane

Concen: 1.995 ug/l

RT: 9.19 min Scan# 2518

Delta R.T. -0.00 min

Lab File: VU034476.D

Acq: 11 Sep 2019 14:50

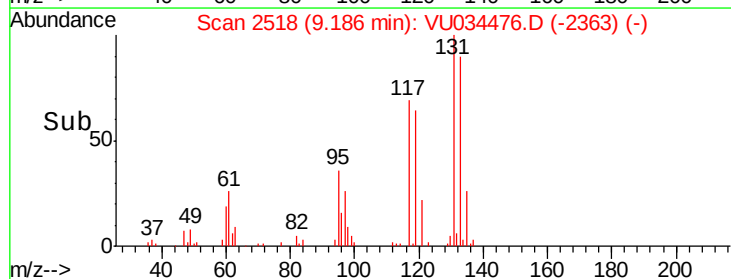
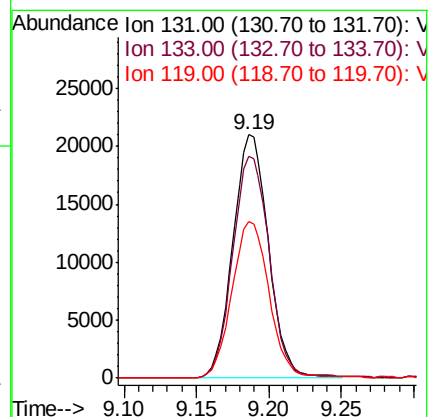
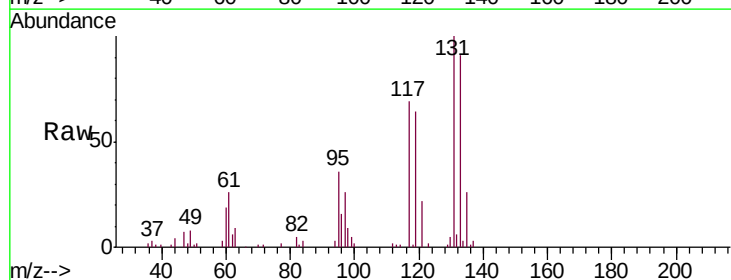
Tgt Ion:131 Resp: 35748

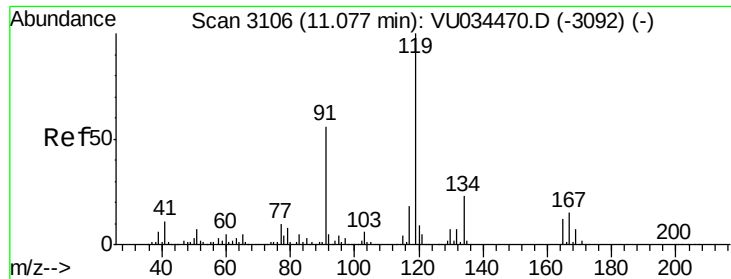
Ion Ratio Lower Upper

131 100

133 93.1 76.8 115.2

119 66.8 52.4 78.6





#61

Pentachloroethane

Concen: 1.956 ug/l

RT: 11.08 min Scan# 3107

Delta R.T. 0.00 min

Lab File: VU034476.D

Acq: 11 Sep 2019 14:50

Instrument :

MSVOA_U

ClientSampleId :

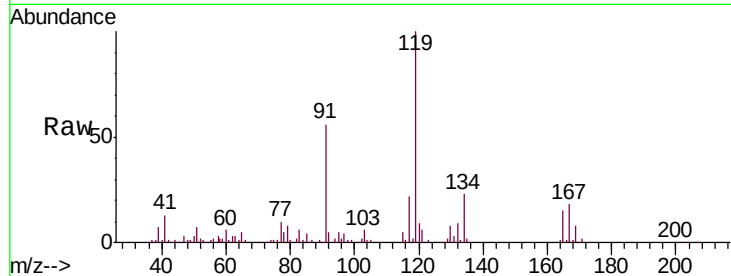
VU0911WBSD01

Tgt Ion:117 Resp: 28374

Ion Ratio Lower Upper

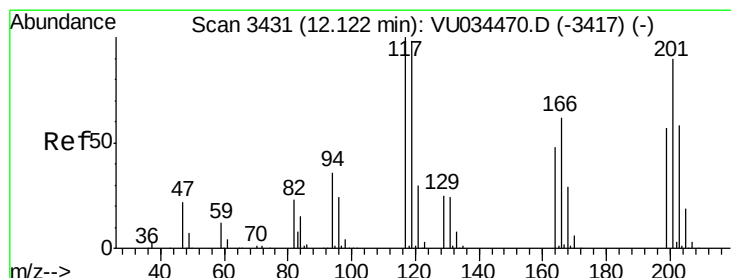
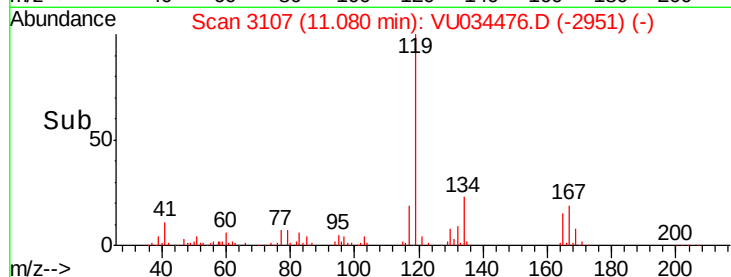
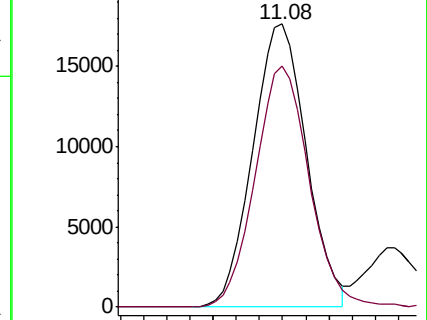
117 100

167 86.0 70.7 106.1



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 166.70 (166.40 to 167.40): V



#62

Hexachloroethane

Concen: 1.907 ug/l

RT: 12.12 min Scan# 3431

Delta R.T. -0.00 min

Lab File: VU034476.D

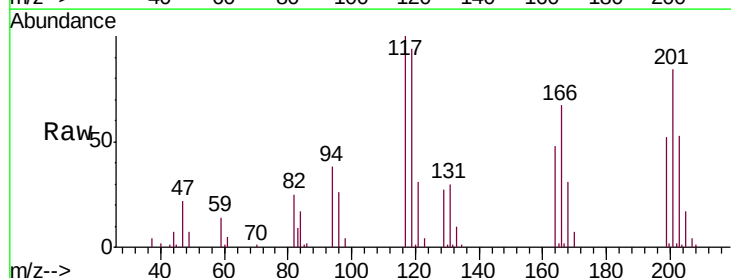
Acq: 11 Sep 2019 14:50

Tgt Ion:117 Resp: 24566

Ion Ratio Lower Upper

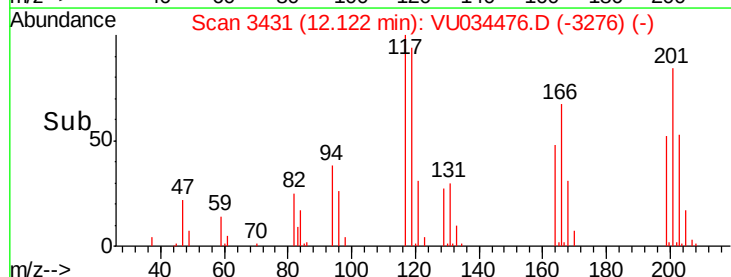
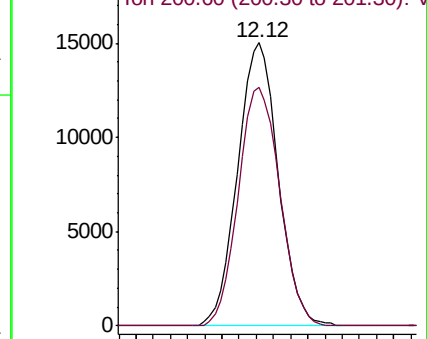
117 100

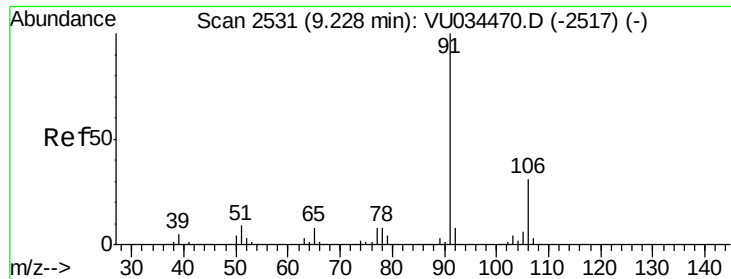
201 86.0 71.8 107.8



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.60 (200.30 to 201.30): V

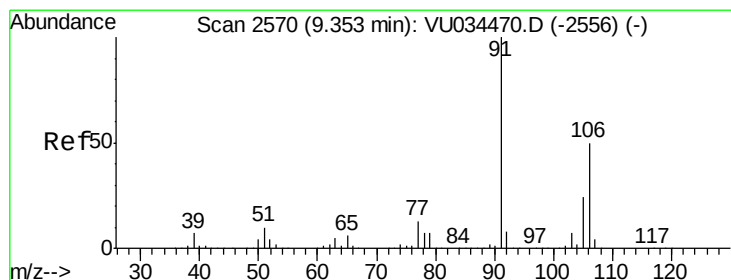
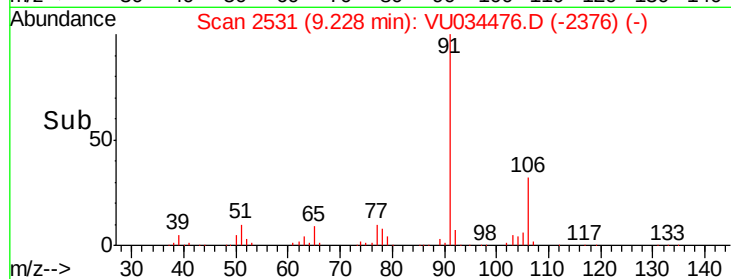
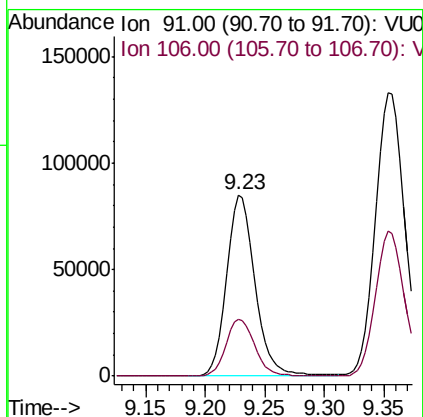
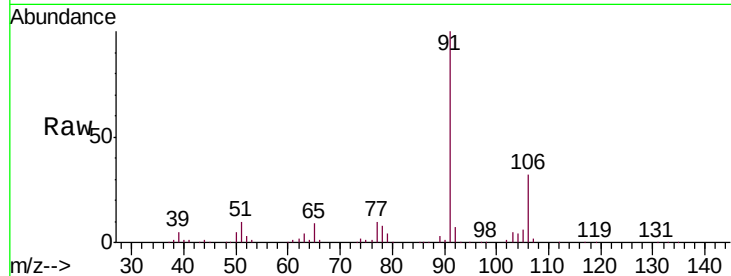




#63
Ethyl Benzene
Concen: 1.826 ug/l
RT: 9.23 min Scan# 2531
Delta R.T. -0.00 min
Lab File: VU034476.D
Acq: 11 Sep 2019 14:50

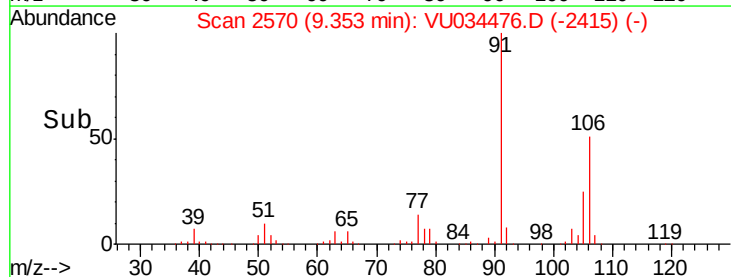
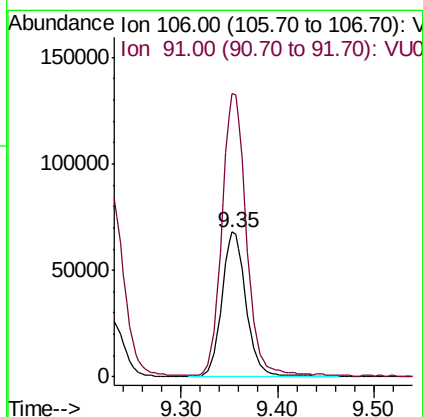
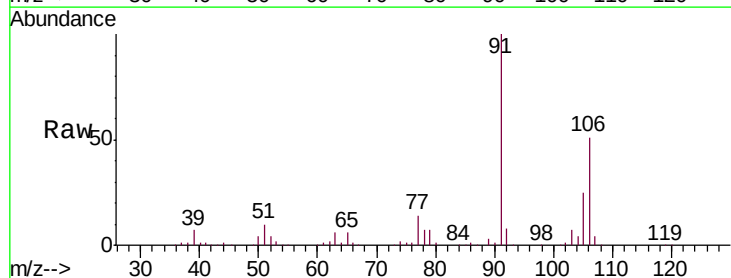
Instrument :
MSVOA_U
ClientSampleId :
VU0911WBSD01

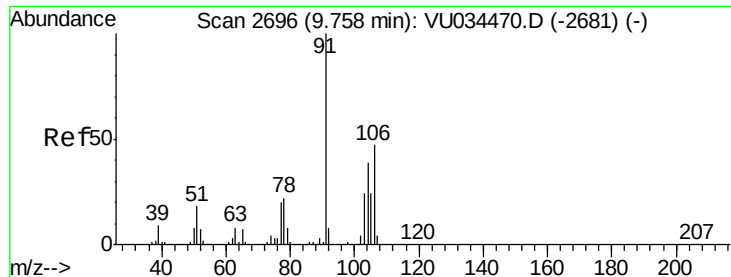
Tgt Ion: 91 Resp: 141683
Ion Ratio Lower Upper
91 100
106 31.7 25.2 37.8



#64
m/p-Xylenes
Concen: 3.717 ug/l
RT: 9.35 min Scan# 2570
Delta R.T. -0.00 min
Lab File: VU034476.D
Acq: 11 Sep 2019 14:50

Tgt Ion: 106 Resp: 116831
Ion Ratio Lower Upper
106 100
91 197.1 161.8 242.6





#65

o-Xylene

Concen: 1.866 ug/l

RT: 9.76 min Scan# 2696

Delta R.T. -0.00 min

Lab File: VU034476.D

Acq: 11 Sep 2019 14:50

Instrument :

MSVOA_U

ClientSampleId :

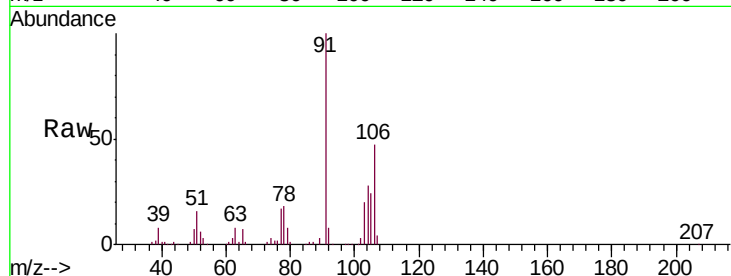
VU0911WBSD01

Tgt Ion:106 Resp: 55873

Ion Ratio Lower Upper

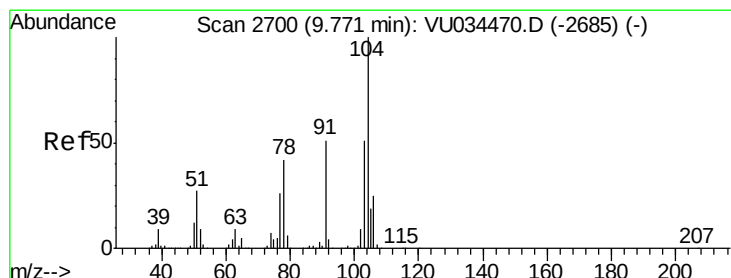
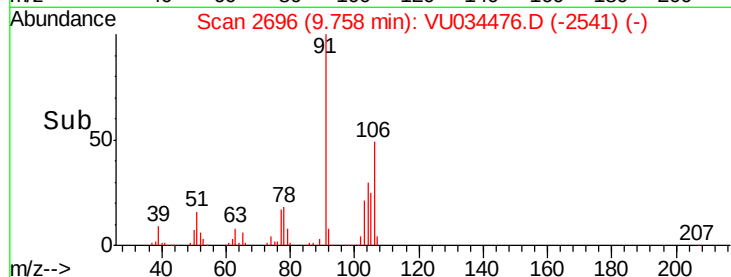
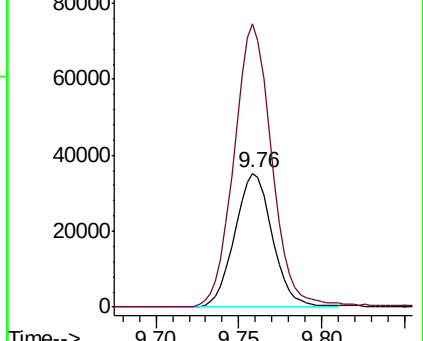
106 100

91 212.6 104.7 313.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#66

Styrene

Concen: 1.871 ug/l

RT: 9.77 min Scan# 2700

Delta R.T. -0.00 min

Lab File: VU034476.D

Acq: 11 Sep 2019 14:50

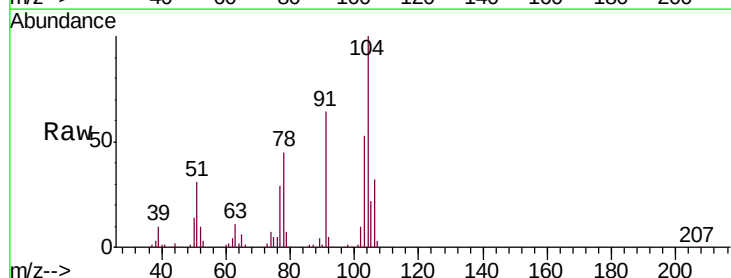
Tgt Ion:104 Resp: 93801

Ion Ratio Lower Upper

104 100

78 48.2 37.8 56.6

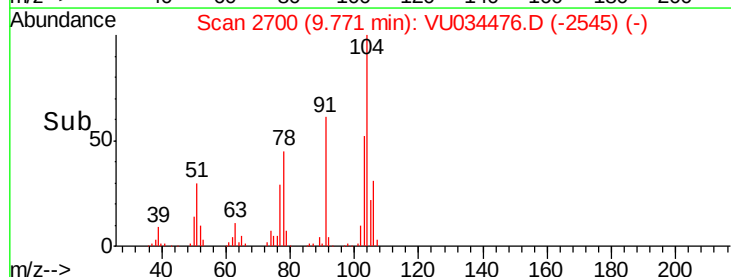
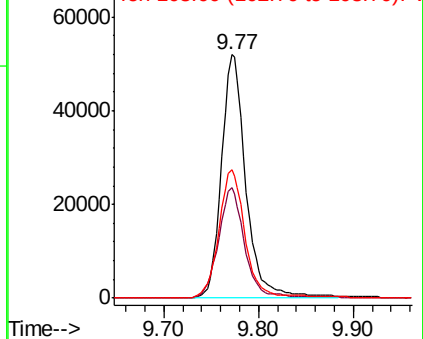
103 55.3 43.8 65.8

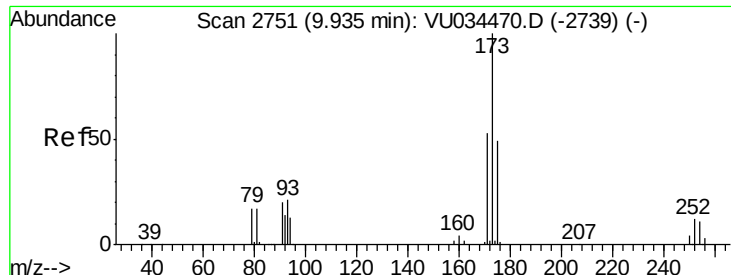


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VU0

Ion 103.00 (102.70 to 103.70): V

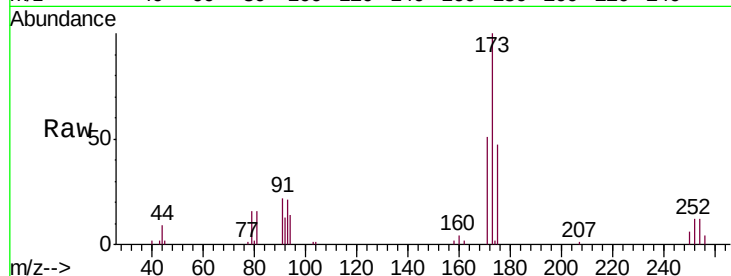




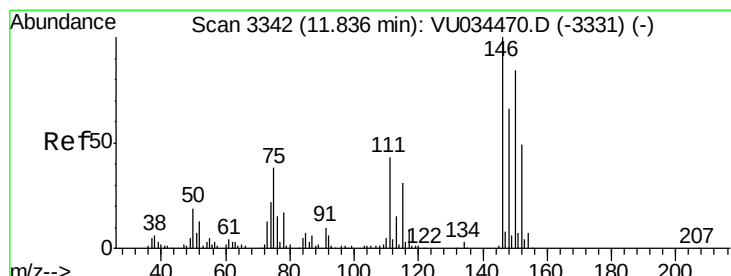
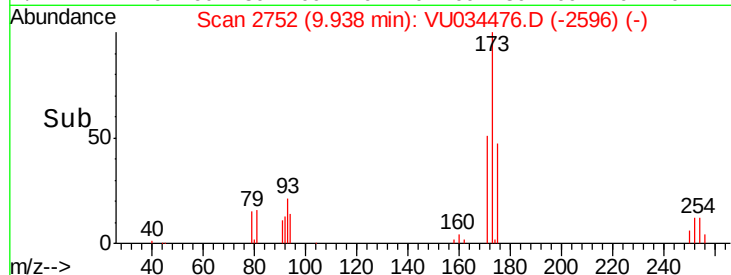
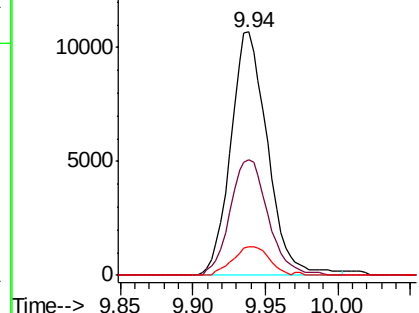
#67
 Bromoform
 Concen: 2.044 ug/l
 RT: 9.94 min Scan# 2752
 Delta R.T. 0.00 min
 Lab File: VU034476.D
 Acq: 11 Sep 2019 14:50

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0911WBSD01

Tgt Ion:173 Resp: 18823
 Ion Ratio Lower Upper
 173 100
 175 48.8 39.1 58.7
 254 11.6 8.6 13.0

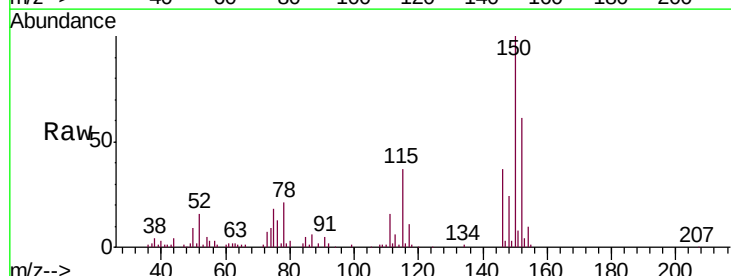


Abundance Ion 172.90 (172.60 to 173.60): V
 Ion 174.90 (174.60 to 175.60): V
 Ion 253.75 (253.45 to 254.45): V

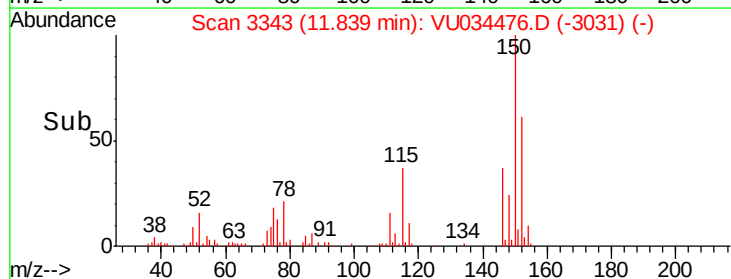
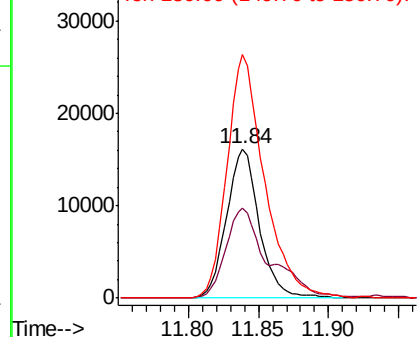


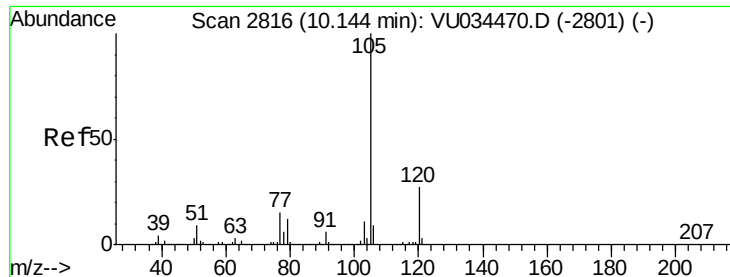
#68
 1,2-Dichlorobenzene-d4
 Concen: 1.008 ug/l
 RT: 11.84 min Scan# 3343
 Delta R.T. 0.00 min
 Lab File: VU034476.D
 Acq: 11 Sep 2019 14:50

Tgt Ion:152 Resp: 26108
 Ion Ratio Lower Upper
 152 100
 115 79.6 0.0 126.6
 150 186.4 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: 1.900 ug/l

RT: 10.14 min Scan# 2816

Delta R.T. -0.00 min

Lab File: VU034476.D

Acq: 11 Sep 2019 14:50

Instrument :

MSVOA_U

ClientSampleId :

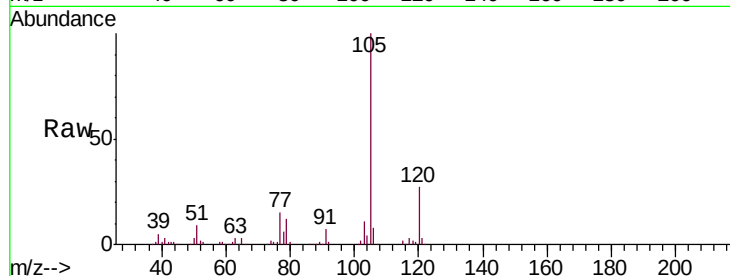
VU0911WBSD01

Tgt Ion:105 Resp: 148287

Ion Ratio Lower Upper

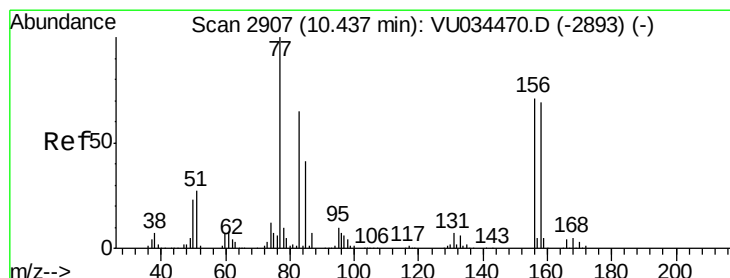
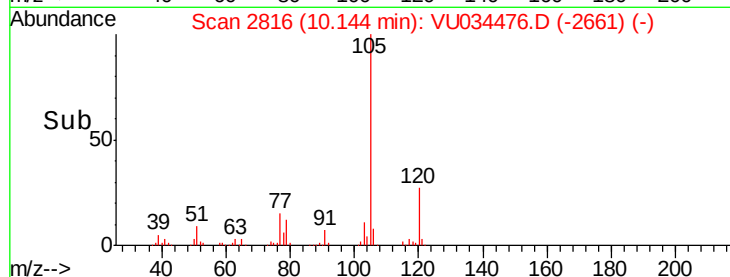
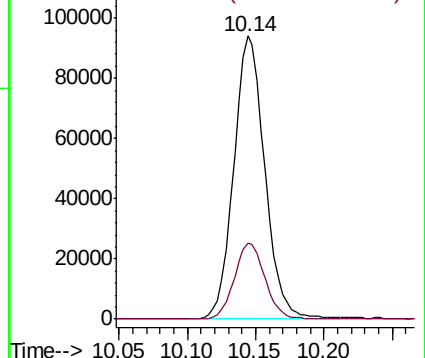
105 100

120 26.5 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#70

1,1,2,2-Tetrachloroethane

Concen: 2.053 ug/l

RT: 10.44 min Scan# 2907

Delta R.T. -0.00 min

Lab File: VU034476.D

Acq: 11 Sep 2019 14:50

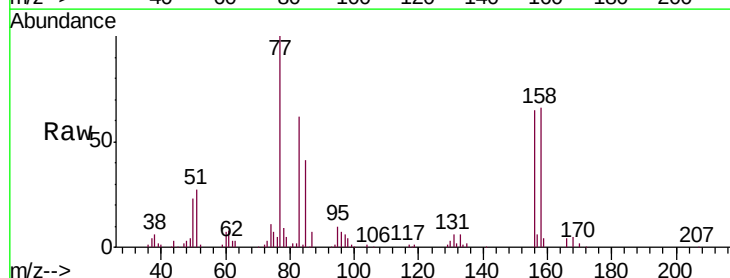
Tgt Ion: 83 Resp: 33967

Ion Ratio Lower Upper

83 100

131 10.5 8.2 12.4

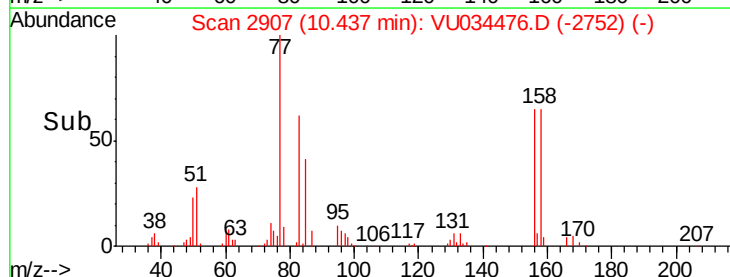
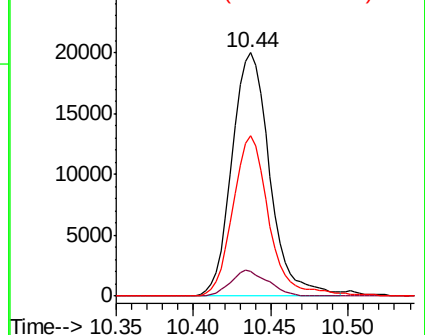
85 62.9 51.9 77.9

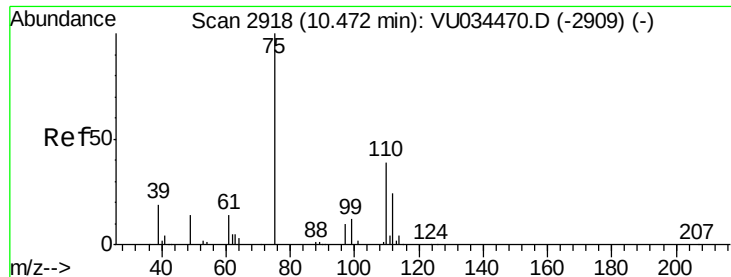


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VU0





#71

1,2,3-Trichloropropane

Concen: 1.741 ug/l

RT: 10.48 min Scan# 2919

Delta R.T. 0.00 min

Lab File: VU034476.D

Acq: 11 Sep 2019 14:50

Instrument :

MSVOA_U

ClientSampleId :

VU0911WBSD01

Tgt Ion: 75 Resp: 20498

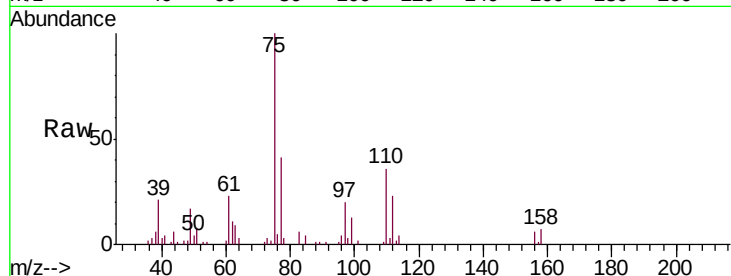
Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

110 40.8 0.0 66.8

97 21.3 0.0 35.6

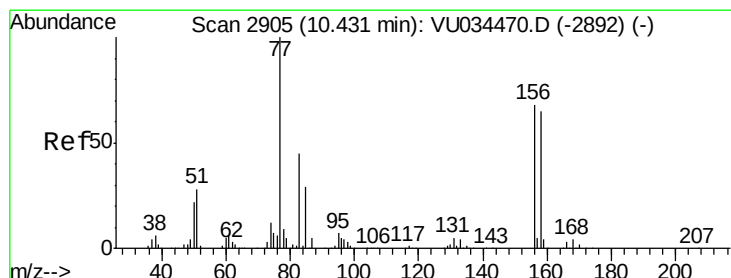
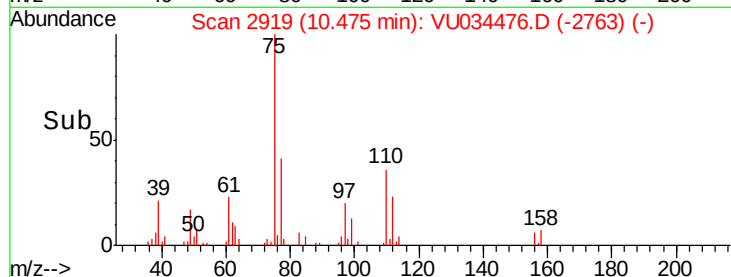
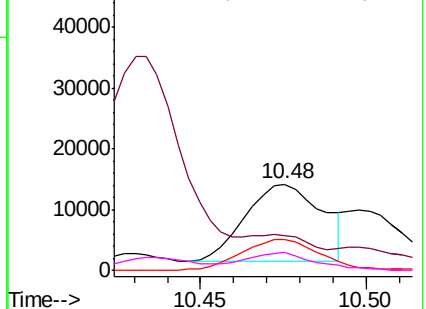


Abundance Ion 75.00 (74.70 to 75.70): VU0

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: 1.938 ug/l

RT: 10.43 min Scan# 2905

Delta R.T. -0.00 min

Lab File: VU034476.D

Acq: 11 Sep 2019 14:50

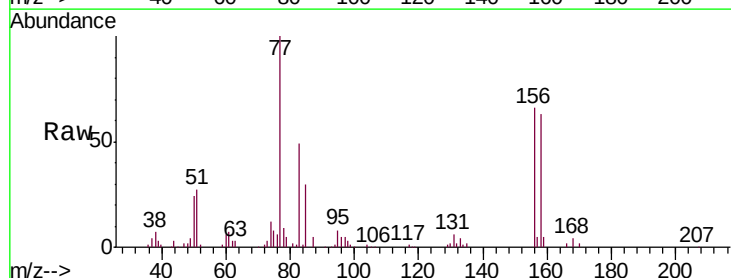
Tgt Ion: 156 Resp: 41020

Ion Ratio Lower Upper

156 100

77 150.5 0.0 293.6

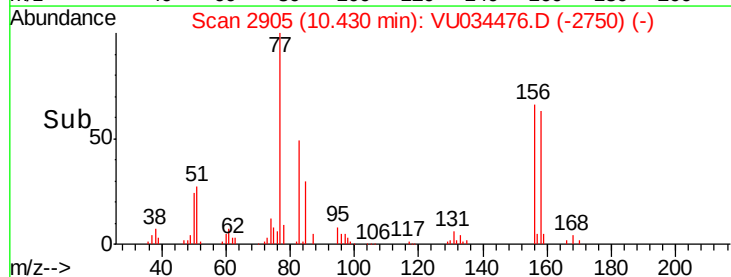
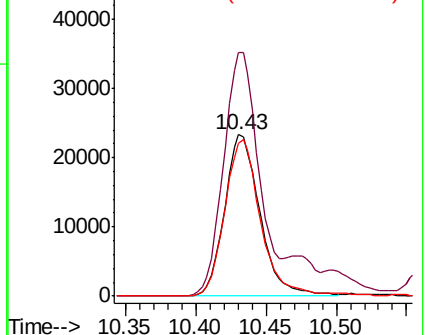
158 97.0 0.0 192.6

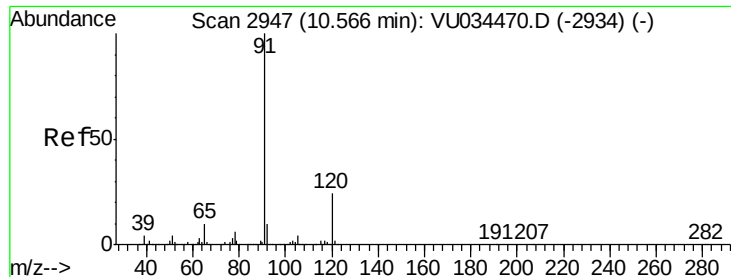


Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 158.00 (157.70 to 158.70): V





#73

n-propylbenzene

Concen: 2.037 ug/l

RT: 10.57 min Scan# 2947

Delta R.T. -0.00 min

Lab File: VU034476.D

Acq: 11 Sep 2019 14:50

Instrument :

MSVOA_U

ClientSampleId :

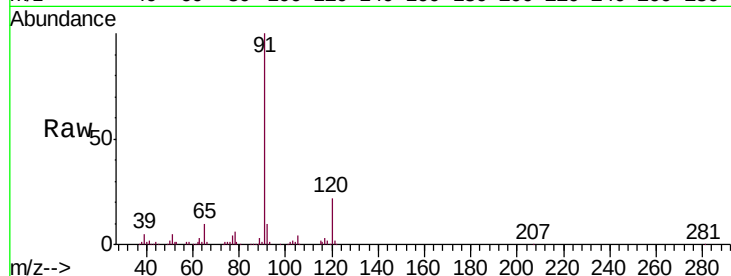
VU0911WBSD01

Tgt Ion:120 Resp: 46068

Ion Ratio Lower Upper

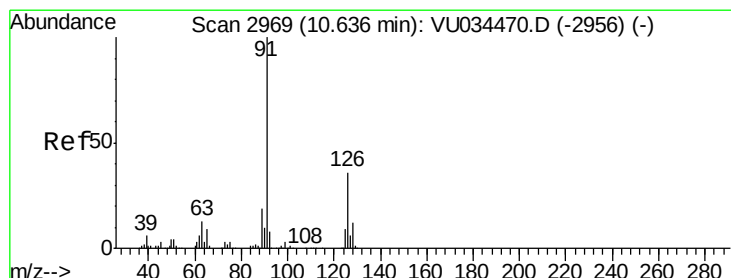
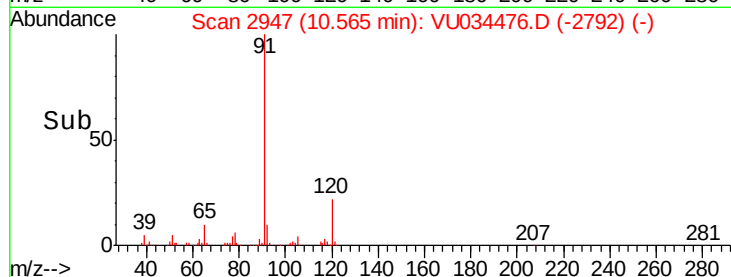
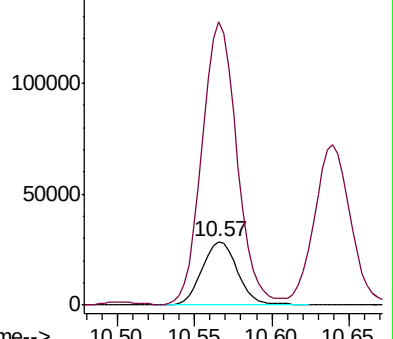
120 100

91 432.2 339.1 508.7



Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0



#74

2-Chlorotoluene

Concen: 1.997 ug/l

RT: 10.64 min Scan# 2970

Delta R.T. 0.00 min

Lab File: VU034476.D

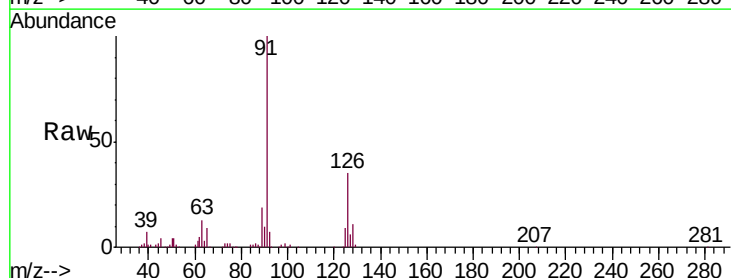
Acq: 11 Sep 2019 14:50

Tgt Ion:126 Resp: 40622

Ion Ratio Lower Upper

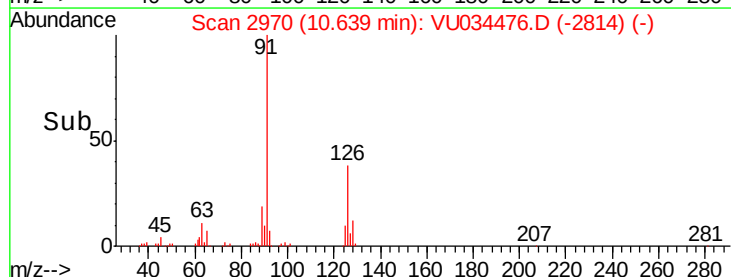
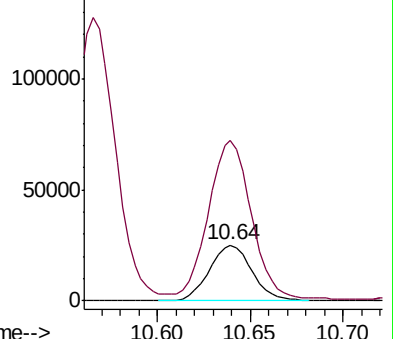
126 100

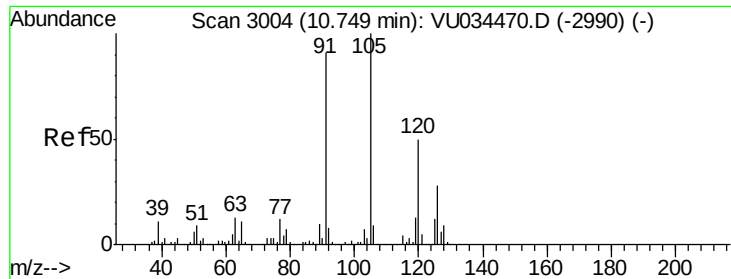
91 289.7 0.0 582.4



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0





#75

1,3,5-Trimethylbenzene

Concen: 1.903 ug/l

RT: 10.75 min Scan# 3005

Delta R.T. 0.00 min

Lab File: VU034476.D

Acq: 11 Sep 2019 14:50

Instrument :

MSVOA_U

ClientSampleId :

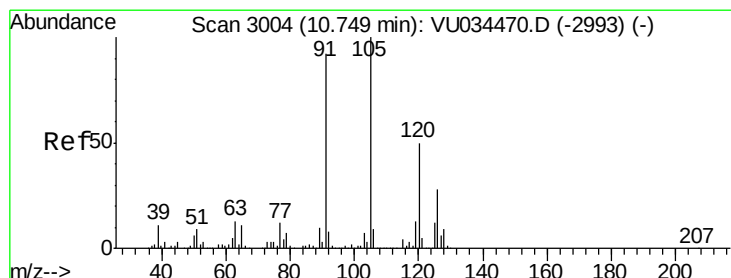
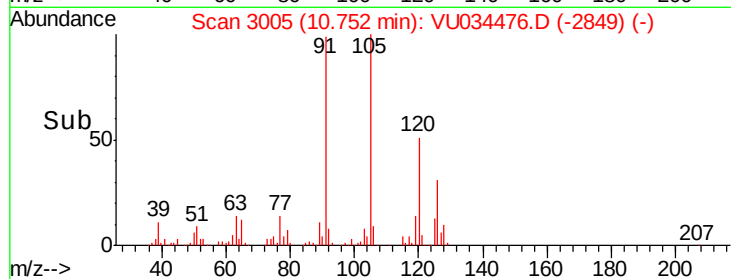
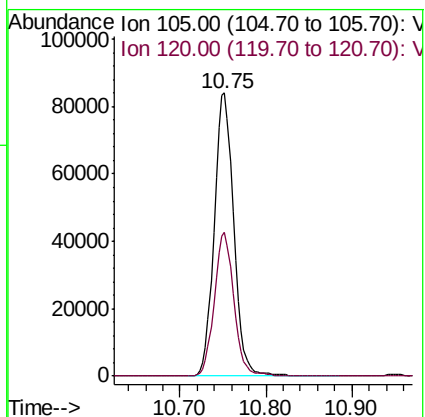
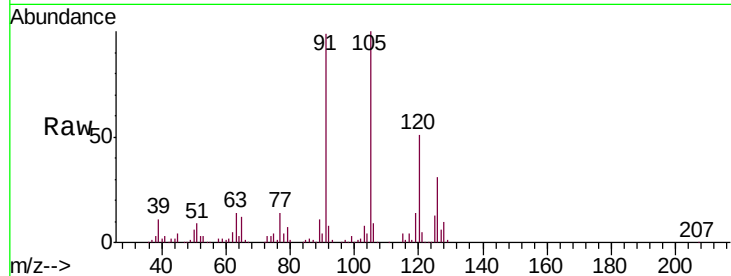
VU0911WBSD01

Tgt Ion:105 Resp: 133396

Ion Ratio Lower Upper

105 100

120 50.9 39.8 59.8



#76

4-Chlorotoluene

Concen: 1.985 ug/l

RT: 10.75 min Scan# 3005

Delta R.T. 0.00 min

Lab File: VU034476.D

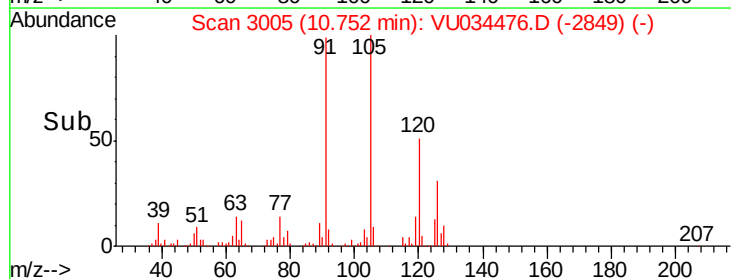
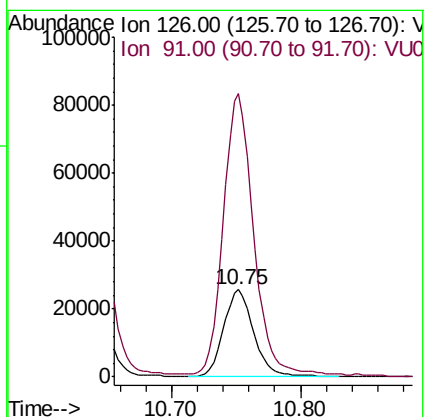
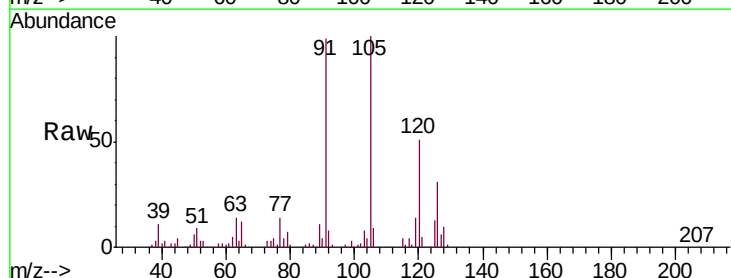
Acq: 11 Sep 2019 14:50

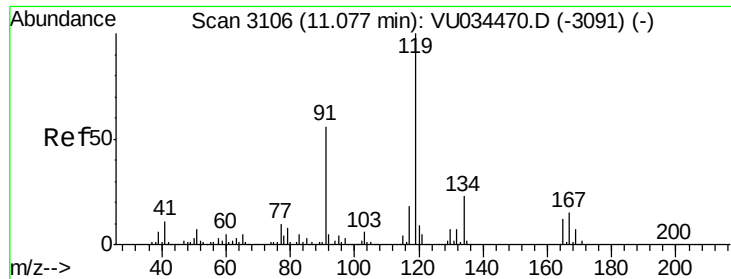
Tgt Ion:126 Resp: 40895

Ion Ratio Lower Upper

126 100

91 327.3 0.0 667.6

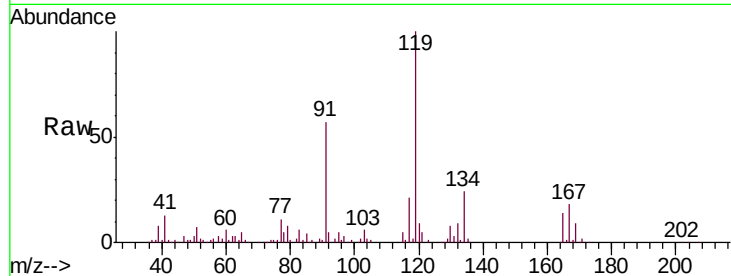




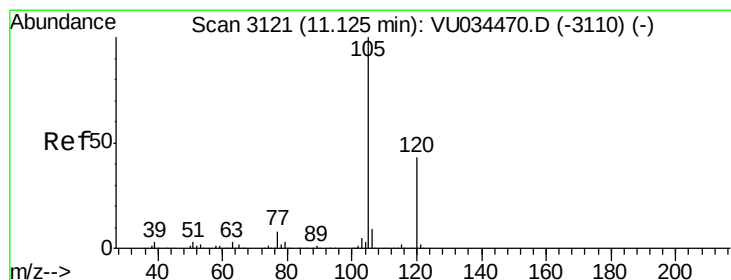
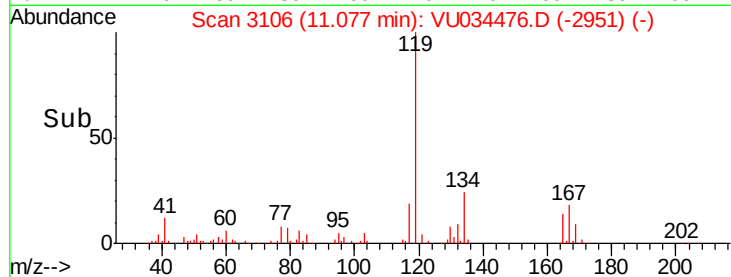
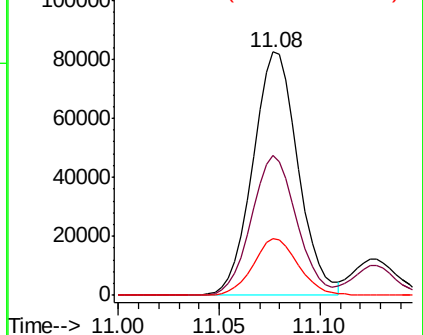
#77
 tert-Butylbenzene
 Concen: 1.904 ug/l
 RT: 11.08 min Scan# 3106
 Delta R.T. -0.00 min
 Lab File: VU034476.D
 Acq: 11 Sep 2019 14:50

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0911WBSD01

Tgt Ion:119 Resp: 129346
 Ion Ratio Lower Upper
 119 100
 91 57.3 27.8 83.3
 134 23.5 18.4 27.6

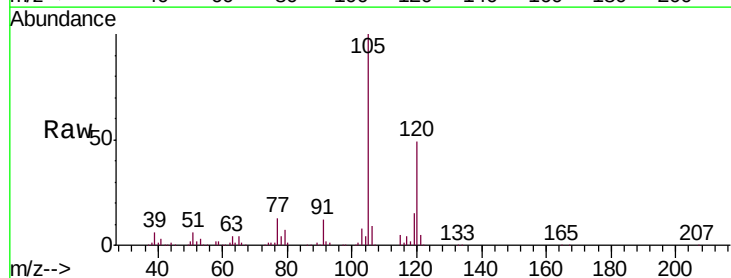


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VU0
 Ion 134.00 (133.70 to 134.70): V

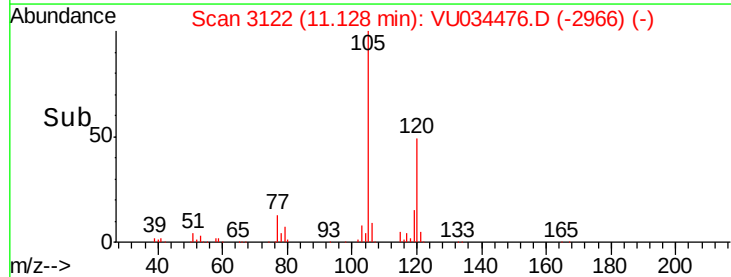
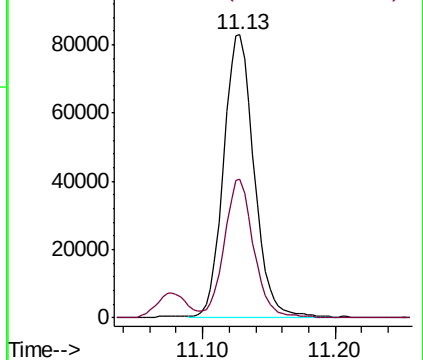


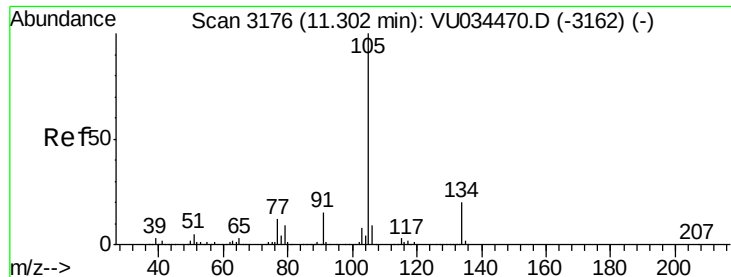
#78
 1,2,4-Trimethylbenzene
 Concen: 1.854 ug/l
 RT: 11.13 min Scan# 3122
 Delta R.T. 0.00 min
 Lab File: VU034476.D
 Acq: 11 Sep 2019 14:50

Tgt Ion:105 Resp: 131245
 Ion Ratio Lower Upper
 105 100
 120 48.0 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#79

sec-Butylbenzene

Concen: 1.930 ug/l

RT: 11.30 min Scan# 3176

Delta R.T. -0.00 min

Lab File: VU034476.D

Acq: 11 Sep 2019 14:50

Instrument :

MSVOA_U

ClientSampleId :

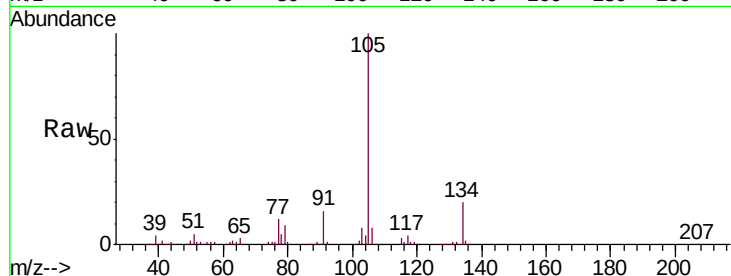
VU0911WBSD01

Tgt Ion:105 Resp: 176460

Ion Ratio Lower Upper

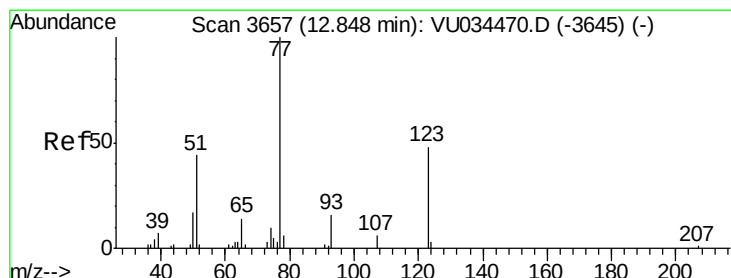
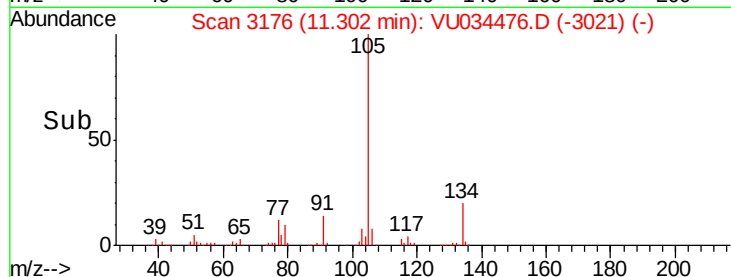
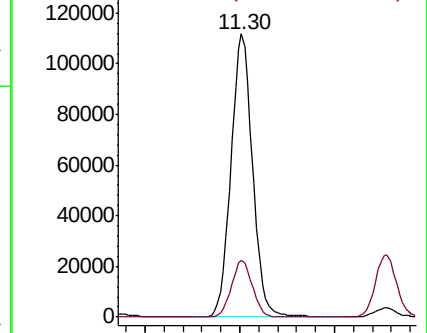
105 100

134 19.6 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: 4.038 ug/l

RT: 12.87 min Scan# 3664

Delta R.T. 0.02 min

Lab File: VU034476.D

Acq: 11 Sep 2019 14:50

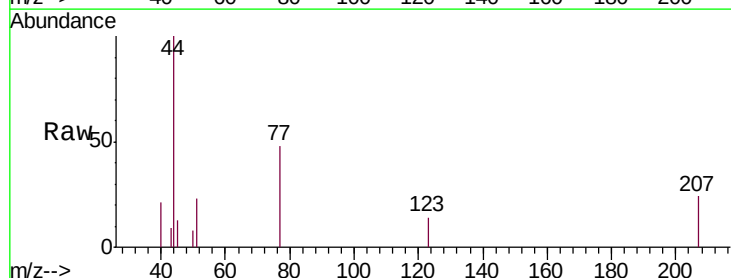
Tgt Ion: 77 Resp: 1426

Ion Ratio Lower Upper

77 100

123 11.6 19.0 67.4#

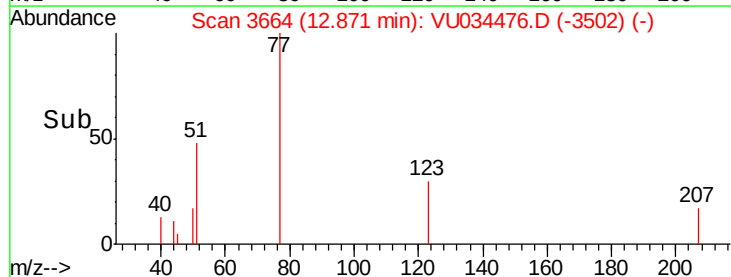
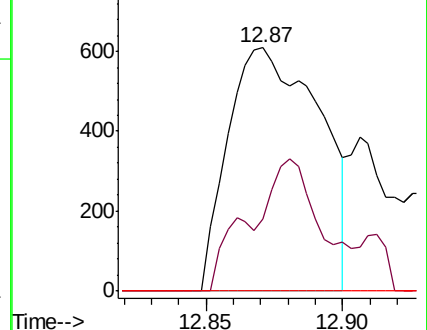
65 0.0 8.5 10.9#

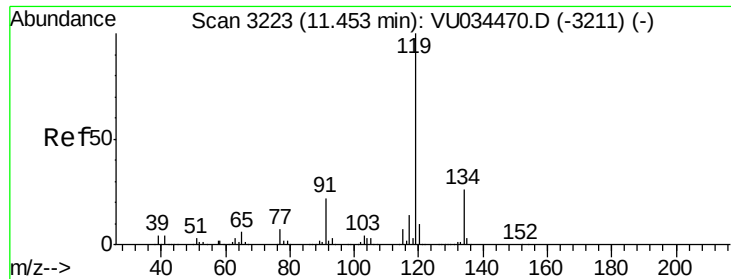


Abundance Ion 77.00 (76.70 to 77.70): VU0

Ion 123.00 (122.70 to 123.70): V

Ion 65.00 (64.70 to 65.70): VU0

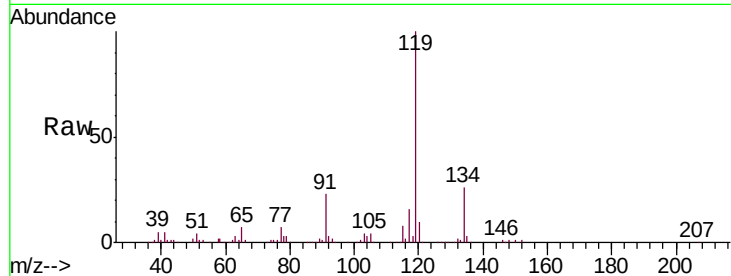




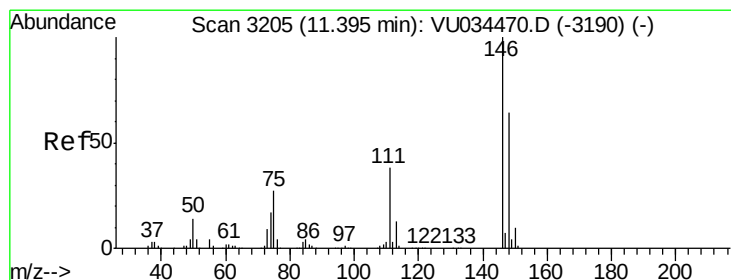
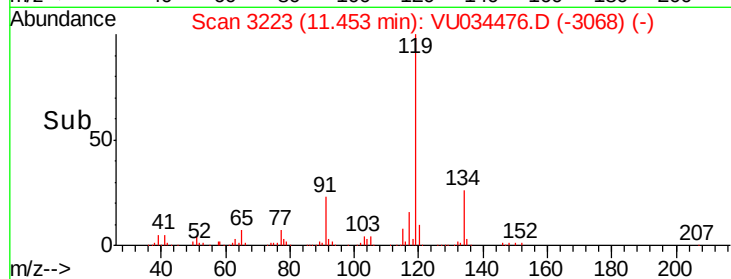
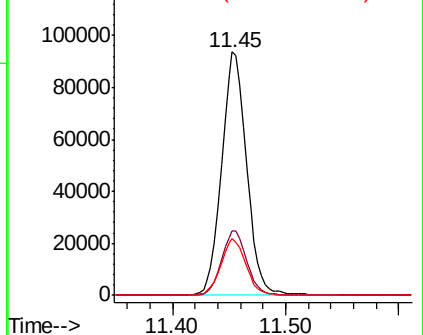
#81
 p-Isopropyltoluene
 Concen: 1.874 ug/l
 RT: 11.45 min Scan# 3223
 Delta R.T. -0.00 min
 Lab File: VU034476.D
 Acq: 11 Sep 2019 14:50

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0911WBSD01

Tgt Ion:119 Resp: 142956
 Ion Ratio Lower Upper
 119 100
 134 26.9 21.2 31.8
 91 23.2 17.6 26.4

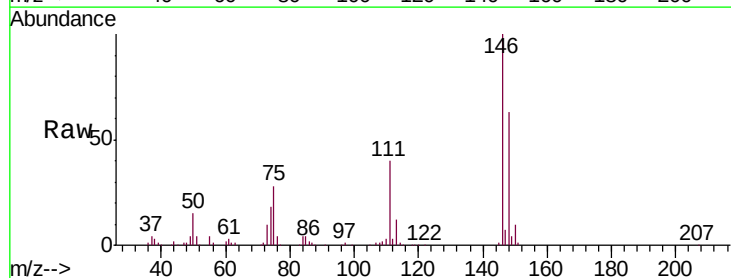


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V

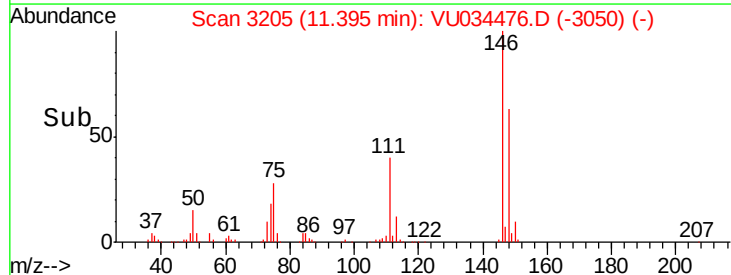
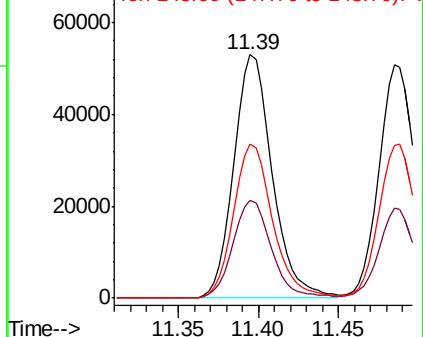


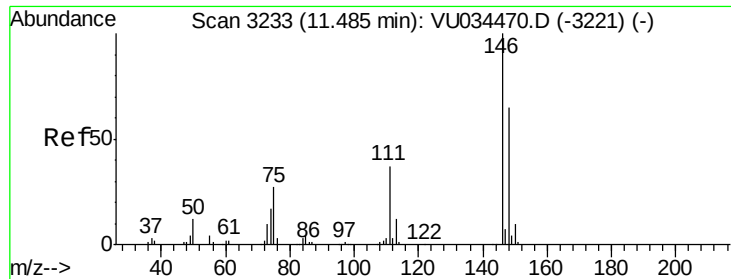
#82
 1,3-Dichlorobenzene
 Concen: 1.980 ug/l
 RT: 11.39 min Scan# 3205
 Delta R.T. -0.00 min
 Lab File: VU034476.D
 Acq: 11 Sep 2019 14:50

Tgt Ion:146 Resp: 86984
 Ion Ratio Lower Upper
 146 100
 111 40.1 31.0 46.6
 148 64.2 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

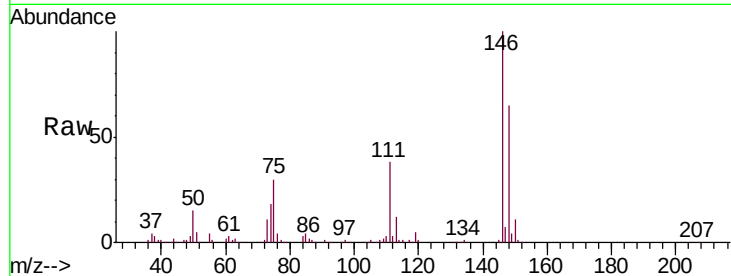




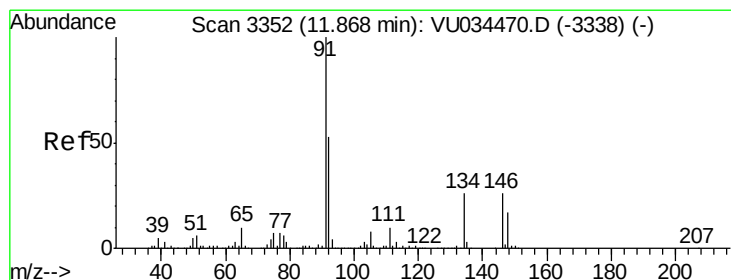
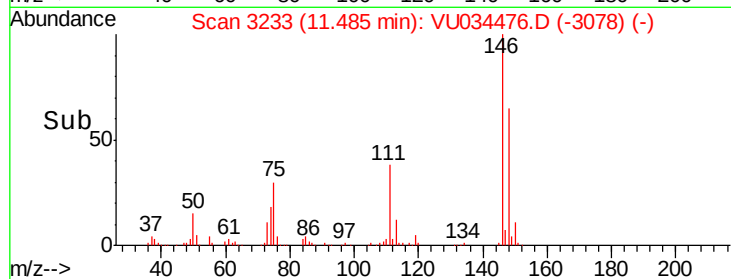
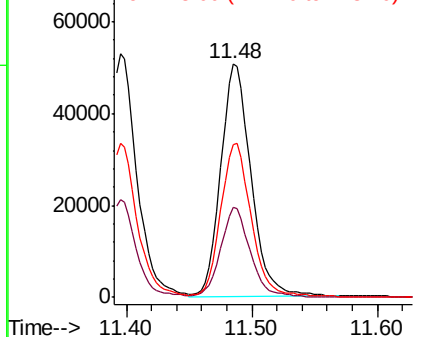
#83
 1,4-Dichlorobenzene
 Concen: 1.941 ug/l
 RT: 11.48 min Scan# 3233
 Delta R.T. -0.00 min
 Lab File: VU034476.D
 Acq: 11 Sep 2019 14:50

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0911WBSD01

Tgt Ion: 146 Resp: 84713
 Ion Ratio Lower Upper
 146 100
 111 37.1 29.5 44.3
 148 66.7 51.0 76.4

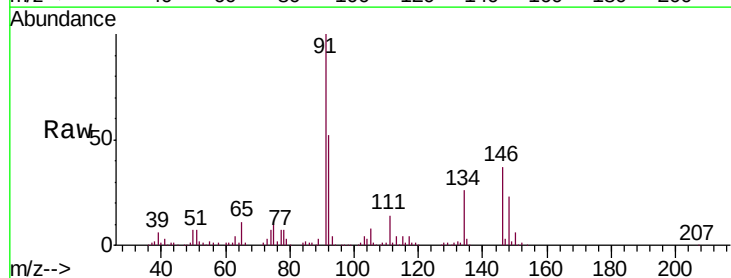


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

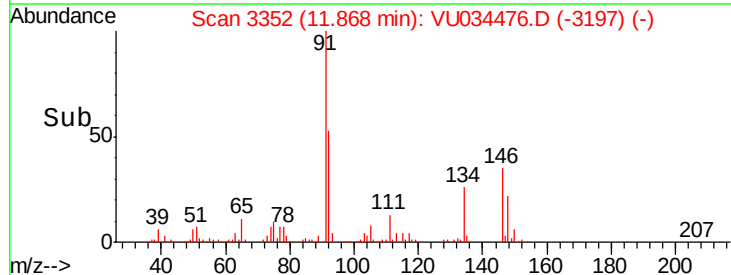
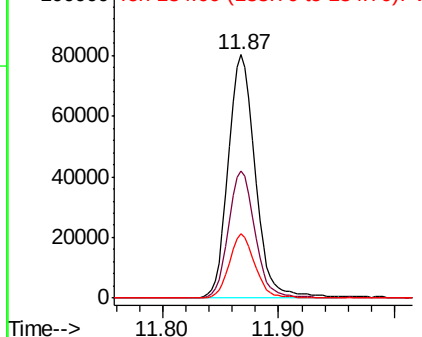


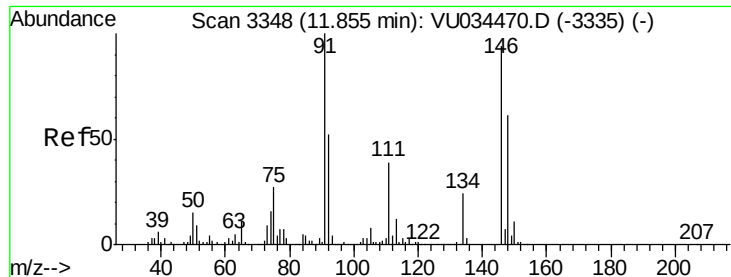
#84
 n-Butylbenzene
 Concen: 1.841 ug/l
 RT: 11.87 min Scan# 3352
 Delta R.T. -0.00 min
 Lab File: VU034476.D
 Acq: 11 Sep 2019 14:50

Tgt Ion: 91 Resp: 129242
 Ion Ratio Lower Upper
 91 100
 92 51.3 42.4 63.6
 134 24.9 21.0 31.4



Abundance Ion 91.00 (90.70 to 91.70): VU0
 Ion 92.00 (91.70 to 92.70): VU0
 Ion 134.00 (133.70 to 134.70): V





#85

1,2-Dichlorobenzene

Concen: 1.973 ug/l

RT: 11.86 min Scan# 3349

Delta R.T. 0.00 min

Lab File: VU034476.D

Acq: 11 Sep 2019 14:50

Instrument :

MSVOA_U

ClientSampleId :

VU0911WBSD01

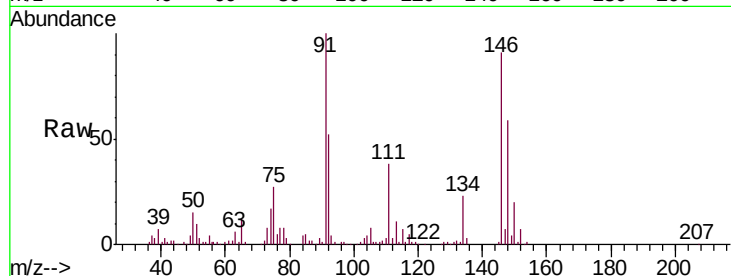
Tgt Ion:146 Resp: 78521

Ion Ratio Lower Upper

146 100

111 41.9 20.3 60.8

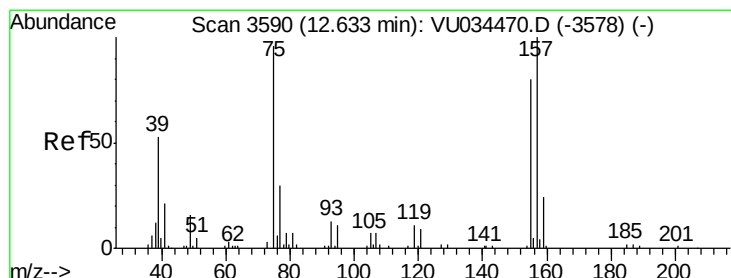
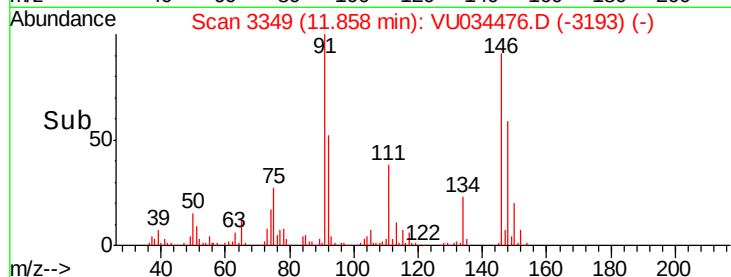
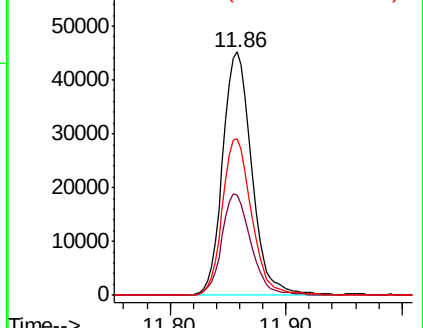
148 64.7 32.2 96.6



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



#86

1,2-Dibromo-3-Chloropropane

Concen: 2.091 ug/l

RT: 12.64 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VU034476.D

Acq: 11 Sep 2019 14:50

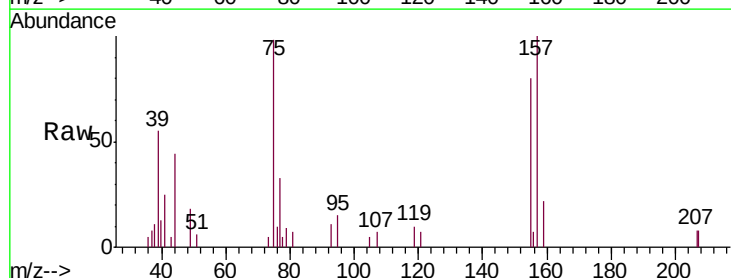
Tgt Ion: 75 Resp: 4619

Ion Ratio Lower Upper

75 100

155 85.6 68.9 103.3

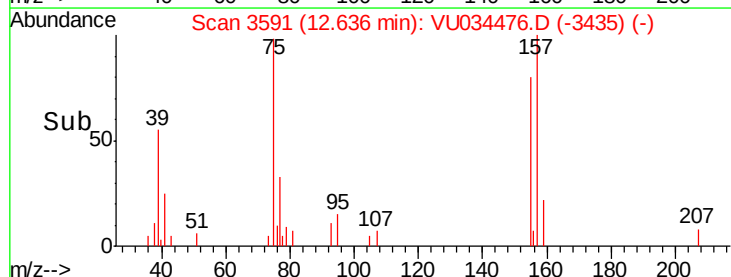
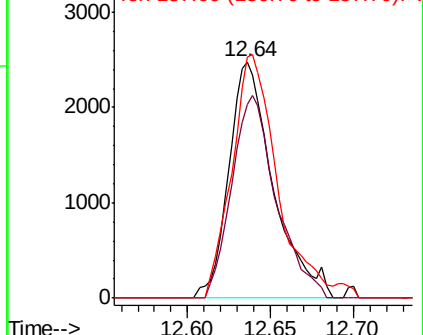
157 105.0 89.9 134.9

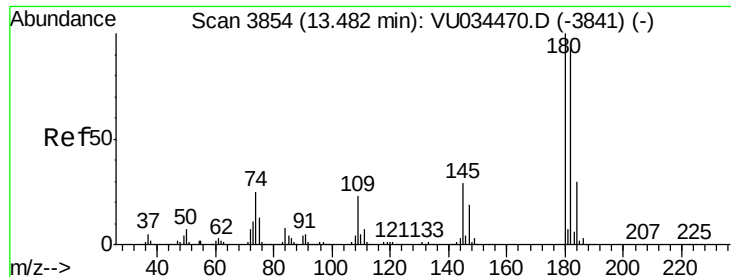


Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

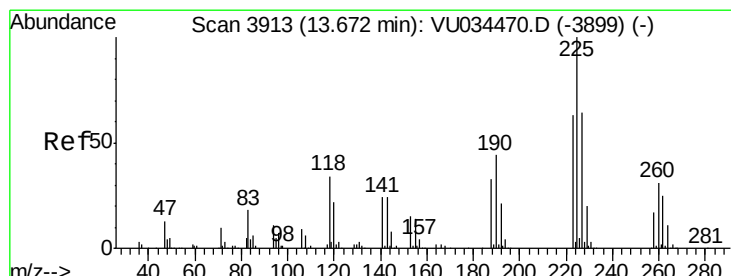
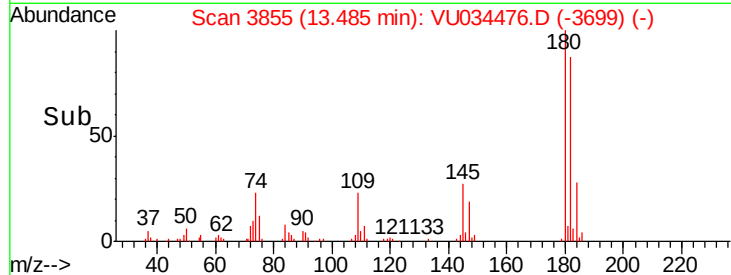
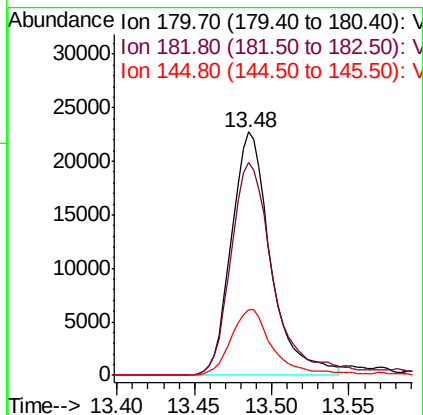
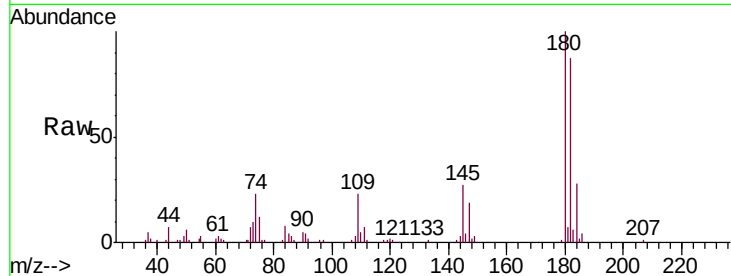




#87
 1,2,4-Trichlorobenzene
 Concen: 1.746 ug/l
 RT: 13.48 min Scan# 3855
 Delta R.T. 0.00 min
 Lab File: VU034476.D
 Acq: 11 Sep 2019 14:50

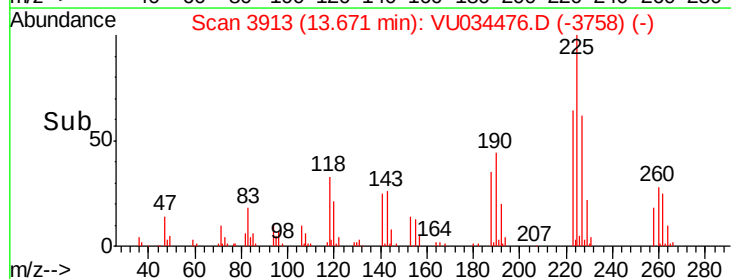
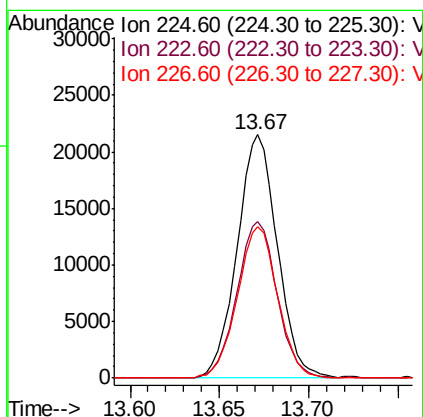
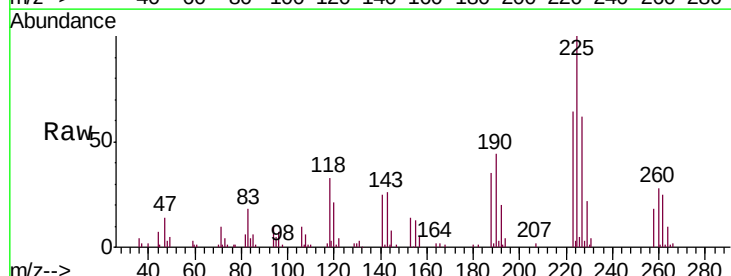
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0911WBSD01

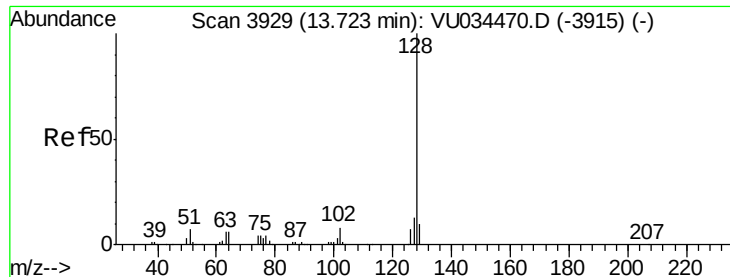
Tgt Ion:180 Resp: 40118
 Ion Ratio Lower Upper
 180 100
 182 94.2 76.6 114.8
 145 28.5 23.0 34.6



#88
 Hexachlorobutadiene
 Concen: 1.935 ug/l
 RT: 13.67 min Scan# 3913
 Delta R.T. -0.00 min
 Lab File: VU034476.D
 Acq: 11 Sep 2019 14:50

Tgt Ion:225 Resp: 33877
 Ion Ratio Lower Upper
 225 100
 223 64.3 50.3 75.5
 227 62.4 51.1 76.7





#89

Naphthalene

Concen: 1.891 ug/l

RT: 13.73 min Scan# 3930

Delta R.T. 0.00 min

Lab File: VU034476.D

Acq: 11 Sep 2019 14:50

Instrument :

MSVOA_U

ClientSampleId :

VU0911WBSD01

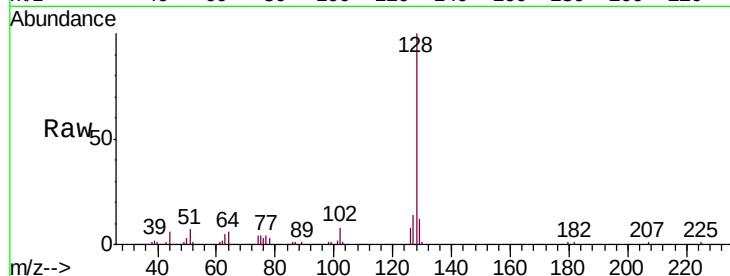
Tgt Ion:128 Resp: 48793

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.2

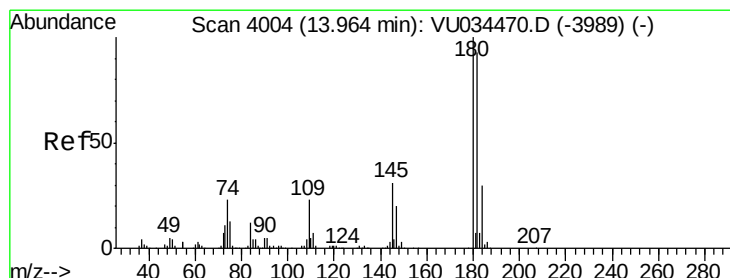
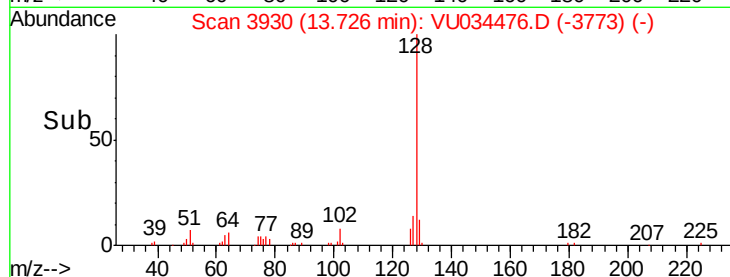
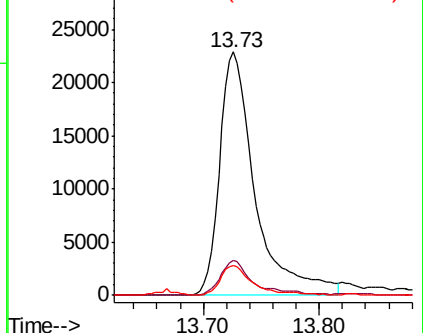
129 11.2 8.0 12.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#90

1,2,3-Trichlorobenzene

Concen: 1.818 ug/l

RT: 13.97 min Scan# 4006

Delta R.T. 0.01 min

Lab File: VU034476.D

Acq: 11 Sep 2019 14:50

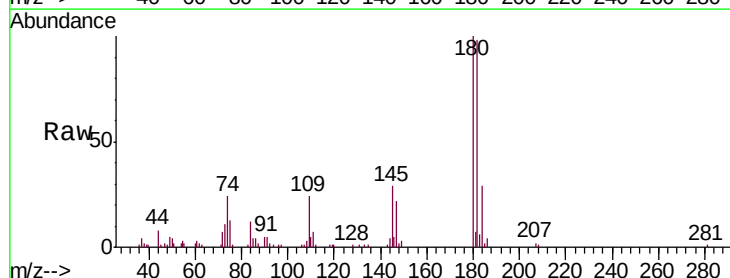
Tgt Ion:180 Resp: 38459

Ion Ratio Lower Upper

180 100

182 100.4 75.4 113.2

145 29.7 24.5 36.7



Abundance Ion 179.70 (179.40 to 180.40): V

Ion 181.70 (181.40 to 182.40): V

Ion 144.80 (144.50 to 145.50): V

