

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU102220\
 Data File : VU040922.D
 Acq On : 23 Oct 2020 00:51
 Operator : SY/MD
 Sample : VU1022WBS01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1022WBS01

Quant Time: Oct 23 07:09:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U102220DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Oct 23 07:07:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	6.13	96	54697	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.63	95	19100	0.96	ug/l	0.00
Spiked Amount 1.000			Recovery	=	96.00%	
68) 1,2-Dichlorobenzene-d4	12.19	152	19859	0.95	ug/l	0.00
Spiked Amount 1.000			Recovery	=	95.00%	

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	50645	1.985	ug/l 96
3) Chloromethane	1.53	50	53797	2.023	ug/l 96
4) Vinyl Chloride	1.61	62	49683	2.007	ug/l 97
5) Bromomethane	1.87	94	29628	2.036	ug/l 99
6) Chloroethane	1.94	64	29911	1.977	ug/l 97
7) Trichlorofluoromethane	2.15	101	64215	2.053	ug/l 98
8) 1,1,2-Trichloro-1,2,2-trif	2.59	101	36041	2.072	ug/l 99
9) 1,1-Dichloroethene	2.59	96	32984	2.178	ug/l 93
10) Iodomethane	2.74	142	30649	1.991	ug/l 98
11) Allyl Chloride	2.94	41	62712	2.011	ug/l 98
12) Acrylonitrile	3.34	53	22449	4.204	ug/l 99
13) Acetone	2.65	43	45384	10.154	ug/l 95
14) Carbon Disulfide	2.81	76	117959	2.072	ug/l 98
15) Methylene Chloride	3.06	84	41014	2.085	ug/l 97
16) trans-1,2-Dichloroethene	3.37	96	34824	2.031	ug/l 98
17) 1,1-Dichloroethane	3.89	63	74294	2.119	ug/l 99
18) 2-Butanone	4.74	43	78304	10.830	ug/l 100
19) Cyclohexane	5.40	56	60498	1.833	ug/l 92
20) Methylcyclohexane	6.77	83	39428	1.597	ug/l 88
21) 2,2-Dichloropropane	4.68	77	53936	1.822	ug/l 96
22) cis-1,2-Dichloroethene	4.69	96	37105	2.028	ug/l 98
23) Diethyl Ether	2.39	59	30135	2.015	ug/l 99
24) tert-Butyl Alcohol	3.24	59	38557	23.109	ug/l # 93
25) Methyl tert-Butyl Ether	3.38	73	94630	2.014	ug/l 96
26) Bromochloromethane	4.99	128	17131	2.155	ug/l 94
27) Chloroform	5.11	83	69138	2.063	ug/l 100
28) 1,1,1-Trichloroethane	5.33	97	58607	2.028	ug/l 98
29) 1,1-Dichloropropene	5.54	75	47456	1.875	ug/l 97
30) Carbon Tetrachloride	5.53	117	53535	2.047	ug/l 99
31) Isopropyl Ether	4.02	45	106842	1.970	ug/l 97
32) Ethyl-t-butyl ether	4.53	59	97276	2.037	ug/l 96
33) Tert-Amyl methyl ether	5.96	73	64509	1.814	ug/l 98
34) Propionitrile	4.81	54	21224	10.691	ug/l # 93
35) Benzene	5.79	78	137350	1.957	ug/l 97
36) 1,2-Dichloroethane	5.81	62	53525	2.058	ug/l 99
37) Trichloroethene	6.55	130	32868	1.981	ug/l 95
38) 1,2-Dichloropropane	6.80	63	39128	1.965	ug/l 95
39) Methacrylonitrile	5.00	41	18744	2.014	ug/l 94
40) Methyl acrylate	4.87	55	26066	2.043	ug/l # 95
41) Tetrahydrofuran	5.09	42	18578	3.881	ug/l 95
42) 1-Chlorobutane	5.47	56	74810	1.955	ug/l 97

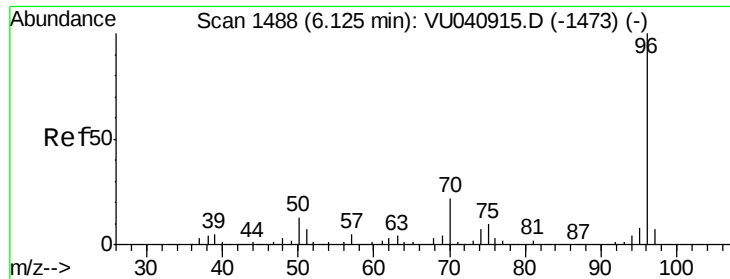
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU102220\
 Data File : VU040922.D
 Acq On : 23 Oct 2020 00:51
 Operator : SY/MD
 Sample : VU1022WBS01
 Misc : 25.0mL/MSVOA U/WATER
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 VU1022WBS01

Quant Time: Oct 23 07:09:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U102220DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Oct 23 07:07:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.93	93	23013	2.063	ug/l	97
44) Bromodichloromethane	7.12	83	53500	2.065	ug/l	99
45) 4-Methyl-2-Pentanone	7.81	43	131712	8.992	ug/l	98
46) t-1,4-Dichloro-2-butene	10.82	75	49989	8.630	ug/l #	50
47) Methyl methacrylate	6.98	69	33111	3.554	ug/l	96
48) Ethyl methacrylate	8.34	69	27016	1.724	ug/l	100
49) Toluene	7.98	92	72025	1.866	ug/l	96
50) t-1,3-Dichloropropene	8.22	75	41623	1.859	ug/l	93
51) cis-1,3-Dichloropropene	7.62	75	45188	1.842	ug/l	97
52) 1,1,2-Trichloroethane	8.41	97	29879	2.118	ug/l	96
53) 1,3-Dichloropropane	8.58	76	48980	1.934	ug/l	100
54) 2-Hexanone	8.70	43	92805	9.069	ug/l	94
55) Dibromochloromethane	8.81	129	34282	2.027	ug/l	96
56) 1,2-Dibromoethane	8.93	107	27813	2.126	ug/l	95
58) Tetrachloroethene	8.56	164	29885	1.927	ug/l	97
59) Chlorobenzene	9.45	112	76817	1.880	ug/l	94
60) 1,1,1,2-Tetrachloroethane	9.54	131	32601	2.031	ug/l	100
61) Pentachloroethane	11.42	117	26250	2.025	ug/l	94
62) Hexachloroethane	12.47	117	26682	2.022	ug/l	97
63) Ethyl Benzene	9.57	91	114066	1.686	ug/l	97
64) m/p-Xylenes	9.69	106	90614	3.392	ug/l	96
65) o-Xylene	10.10	106	42873	1.804	ug/l	97
66) Styrene	10.11	104	74214	1.723	ug/l	99
67) Bromoform	10.29	173	18420	2.012	ug/l	97
69) Isopropylbenzene	10.48	105	107036	1.689	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.78	83	38206	1.991	ug/l	100
71) 1,2,3-Trichloropropane	10.82	75	49989	3.416	ug/l	71
72) Bromobenzene	10.78	156	31264	1.892	ug/l	98
73) n-propylbenzene	10.90	120	30969	1.668	ug/l	90
74) 2-Chlorotoluene	10.98	126	31676	1.926	ug/l	93
75) 1,3,5-Trimethylbenzene	11.09	105	101491	1.739	ug/l	96
76) 4-Chlorotoluene	11.10	126	33239	1.950	ug/l	97
77) tert-Butylbenzene	11.42	119	95617	1.785	ug/l	98
78) 1,2,4-Trimethylbenzene	11.46	105	100846	1.680	ug/l	99
79) sec-Butylbenzene	11.64	105	135818	1.826	ug/l	97
80) Nitrobenzene	13.20	77	8831	9.728	ug/l #	92
81) p-Isopropyltoluene	11.79	119	106303	1.716	ug/l	98
82) 1,3-Dichlorobenzene	11.74	146	70274	1.950	ug/l	100
83) 1,4-Dichlorobenzene	11.83	146	68771	1.887	ug/l	96
84) n-Butylbenzene	12.20	91	102851	1.652	ug/l	98
85) 1,2-Dichlorobenzene	12.21	146	68917	1.999	ug/l	98
86) 1,2-Dibromo-3-Chloropropan	12.99	75	7351	2.051	ug/l	86
87) 1,2,4-Trichlorobenzene	13.83	180	33772	1.671	ug/l	97
88) Hexachlorobutadiene	14.01	225	20589	1.815	ug/l	96
89) Naphthalene	14.08	128	60503	1.820	ug/l	98
90) 1,2,3-Trichlorobenzene	14.32	180	33985	1.729	ug/l	97

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



#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 6.13 min Scan# 1489

Delta R.T. 0.00 min

Lab File: VU040922.D

Acq: 23 Oct 2020 00:51

Instrument :

MSVOA_U

ClientSampleId :

VU1022WBS01

Tot Ion: 96 Resp: 54697

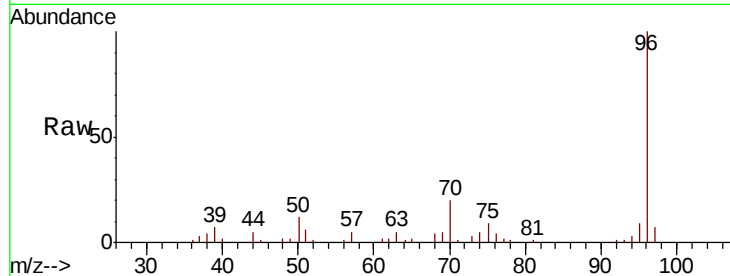
Ion Ratio Lower Upper

96 100

70 21.4 16.3 24.5

95 9.6 7.3 10.9

97 6.4 0.0 0.0#

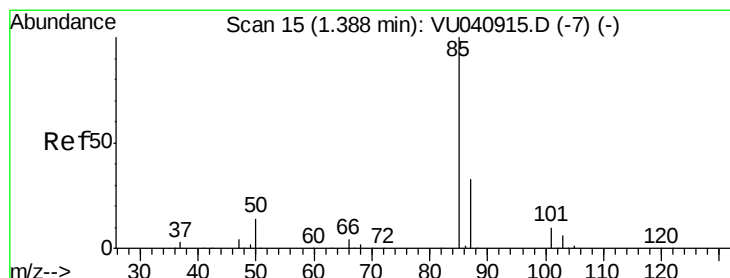
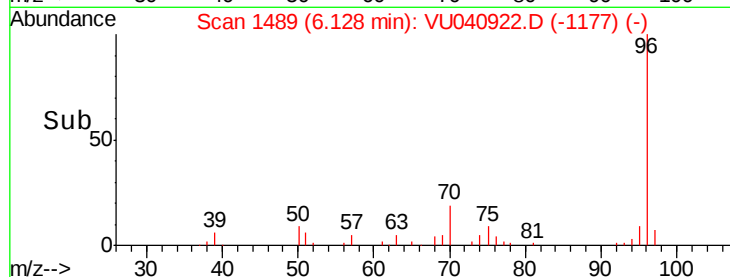
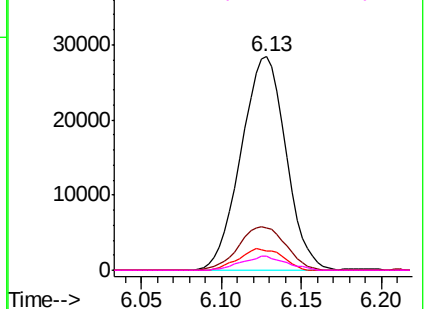


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0



#2

Dichlorodifluoromethane

Concen: 1.985 ug/l

RT: 1.39 min Scan# 15

Delta R.T. 0.00 min

Lab File: VU040922.D

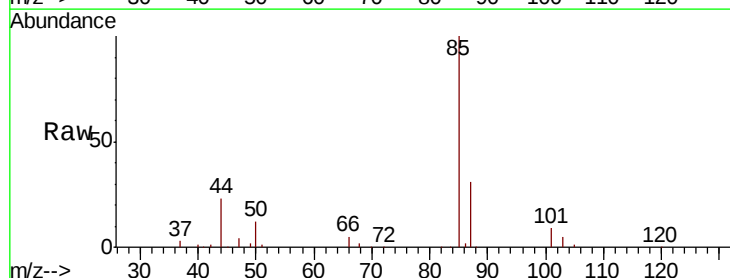
Acq: 23 Oct 2020 00:51

Tgt Ion: 85 Resp: 50645

Ion Ratio Lower Upper

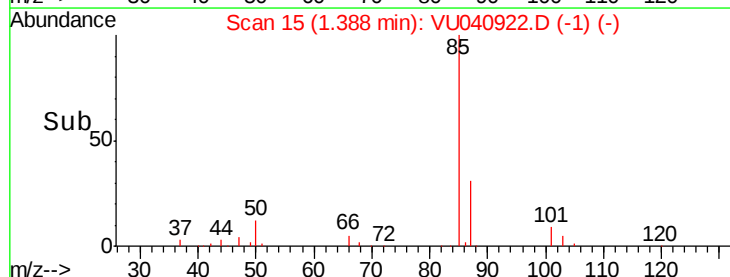
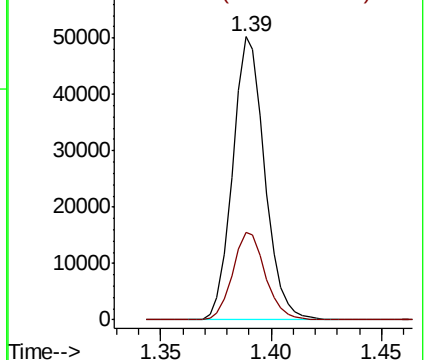
85 100

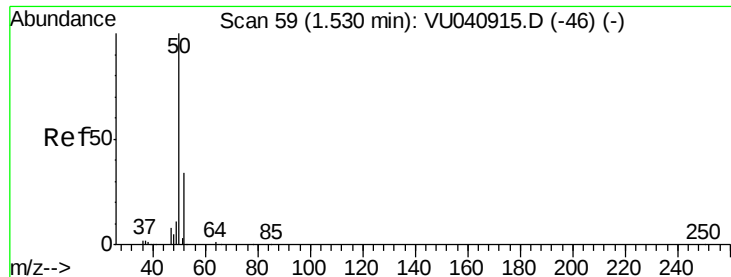
87 31.0 16.5 49.5



Abundance Ion 85.00 (84.70 to 85.70): VU0

Ion 87.00 (86.70 to 87.70): VU0





#3

Chloromethane

Concen: 2.023 ug/l

RT: 1.53 min Scan# 59

Delta R.T. 0.00 min

Lab File: VU040922.D

Acq: 23 Oct 2020 00:51

Instrument :

MSVOA_U

ClientSampleId :

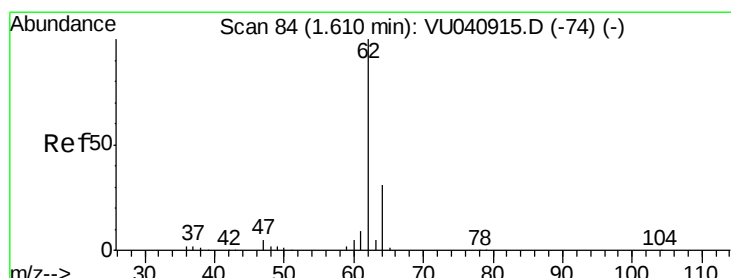
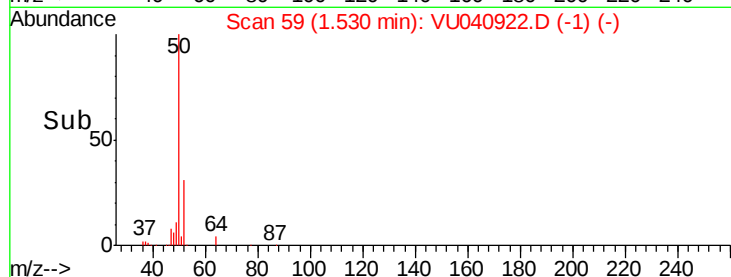
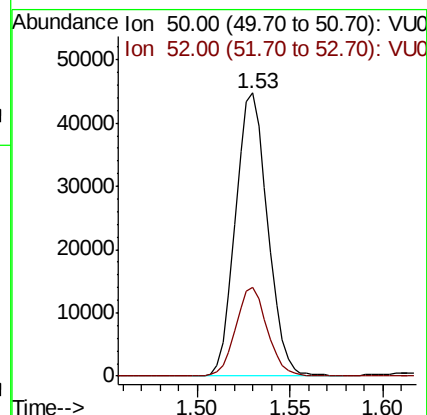
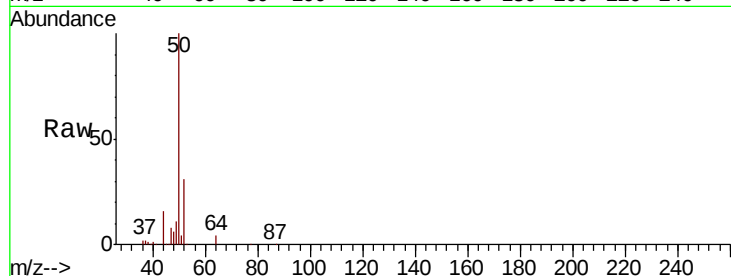
VU1022WBS01

Tot Ion: 50 Resp: 53797

Ion Ratio Lower Upper

50 100

52 31.3 26.9 40.3



#4

Vinyl Chloride

Concen: 2.007 ug/l

RT: 1.61 min Scan# 84

Delta R.T. 0.00 min

Lab File: VU040922.D

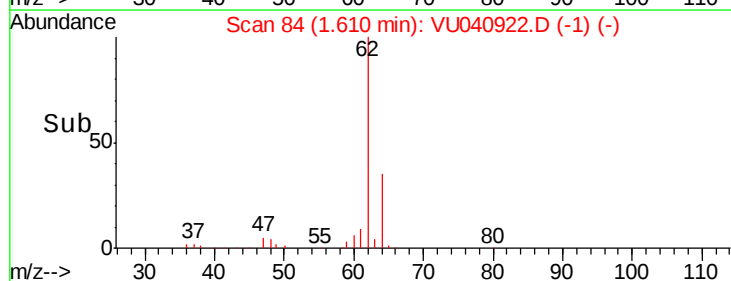
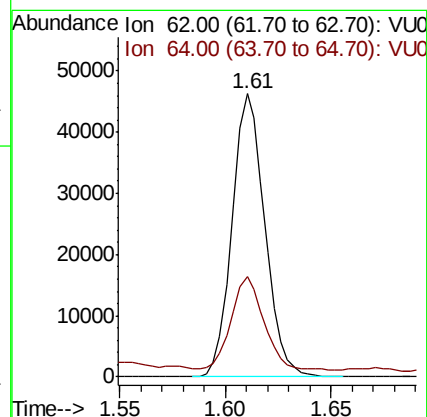
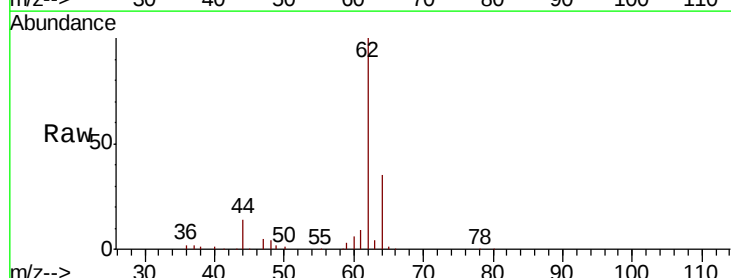
Acq: 23 Oct 2020 00:51

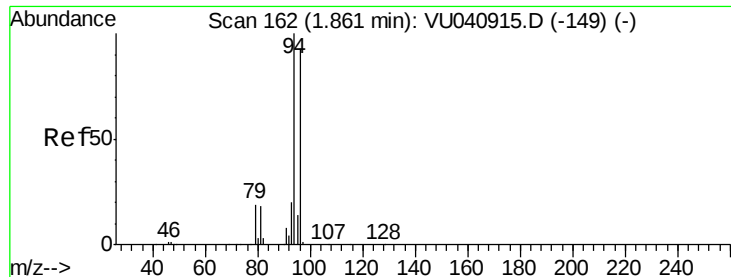
Tgt Ion: 62 Resp: 49683

Ion Ratio Lower Upper

62 100

64 32.8 24.7 37.1





#5

Bromomethane

Concen: 2.036 ug/l

RT: 1.87 min Scan# 164

Delta R.T. 0.01 min

Lab File: VU040922.D

Acq: 23 Oct 2020 00:51

Instrument :

MSVOA_U

ClientSampleId :

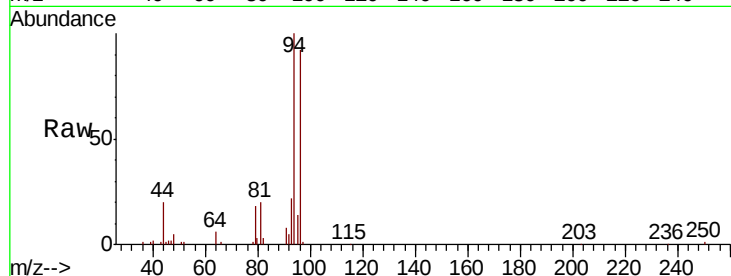
VU1022WBS01

Tot Ion: 94 Resp: 29628

Ion Ratio Lower Upper

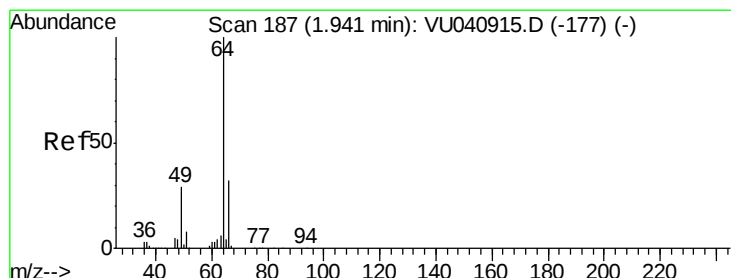
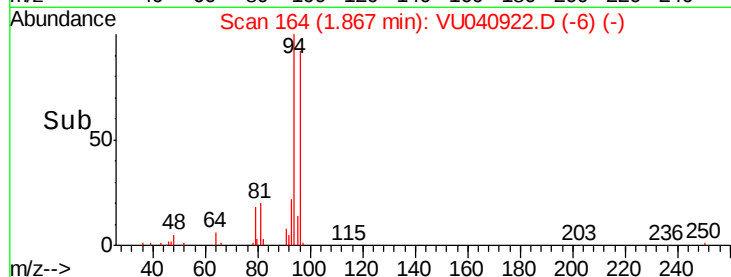
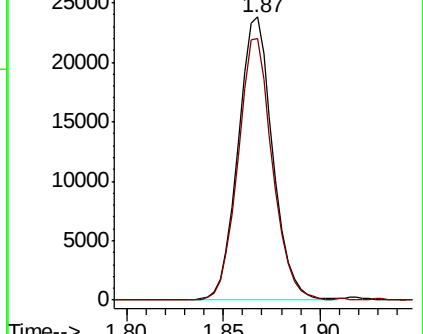
94 100

96 92.2 74.4 111.6



Abundance Ion 94.00 (93.70 to 94.70): VU040922.D (-149) (-)

Ion 96.00 (95.70 to 96.70): VU040922.D (-149) (-)



#6

Chloroethane

Concen: 1.977 ug/l

RT: 1.94 min Scan# 187

Delta R.T. 0.00 min

Lab File: VU040922.D

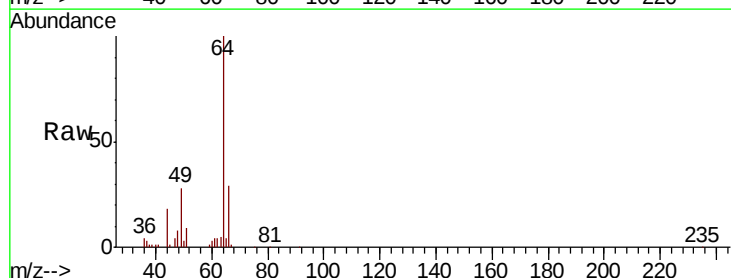
Acq: 23 Oct 2020 00:51

Tgt Ion: 64 Resp: 29911

Ion Ratio Lower Upper

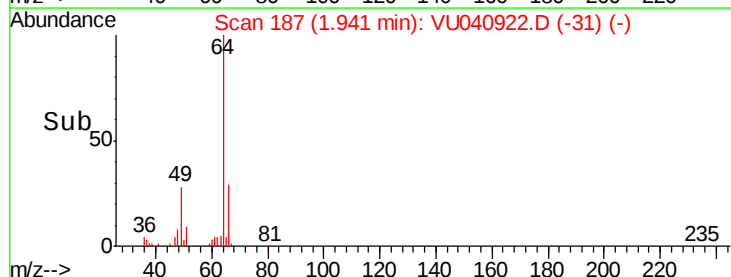
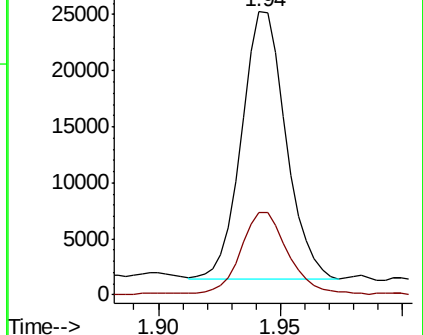
64 100

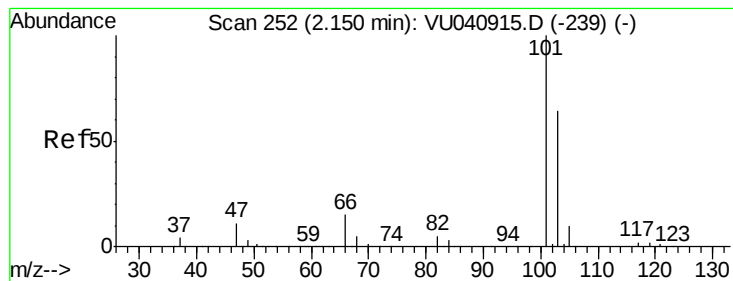
66 30.3 25.4 38.2



Abundance Ion 64.00 (63.70 to 64.70): VU040922.D (-177) (-)

Ion 66.00 (65.70 to 66.70): VU040922.D (-177) (-)



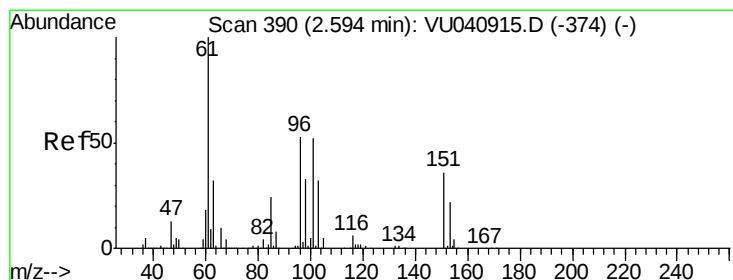
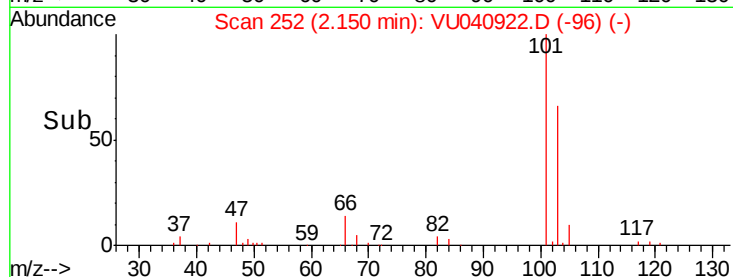
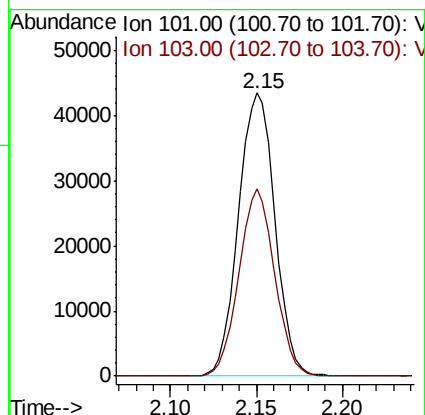
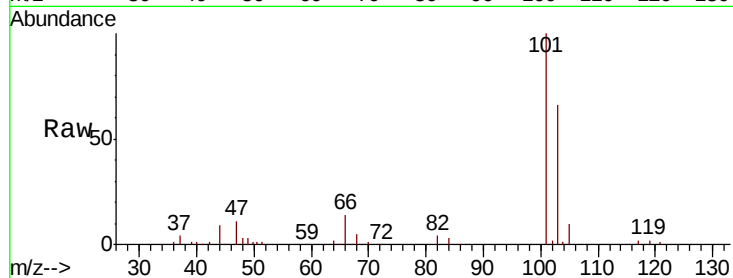


#7

Trichlorofluoromethane
Concen: 2.053 ug/l
RT: 2.15 min Scan# 252
Delta R.T. 0.00 min
Lab File: VU040922.D
Acq: 23 Oct 2020 00:51

Instrument :
MSVOA_U
ClientSampleId :
VU1022WBS01

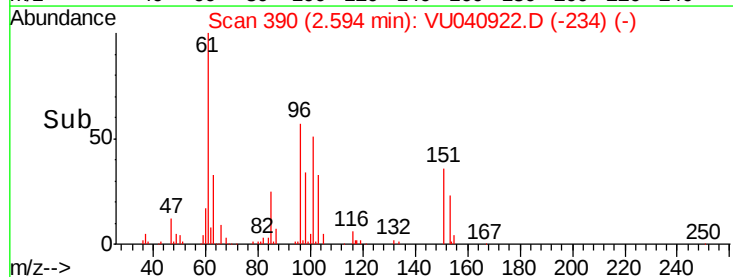
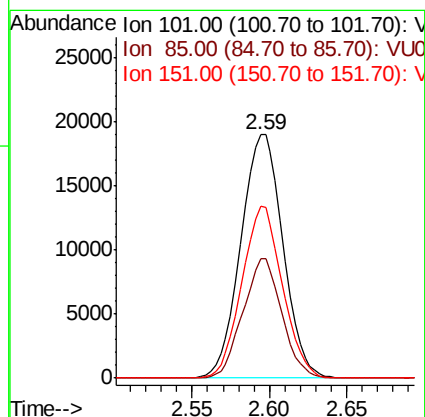
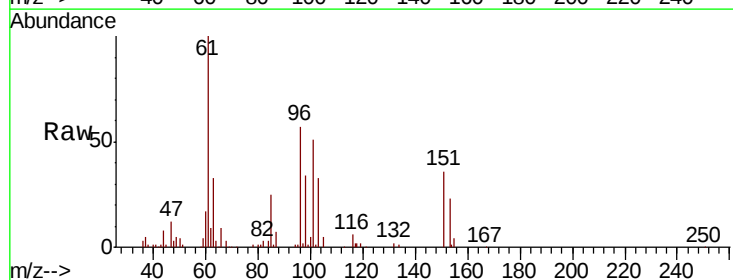
Tot Ion:101 Resp: 64215
Ion Ratio Lower Upper
101 100
103 66.0 51.5 77.3

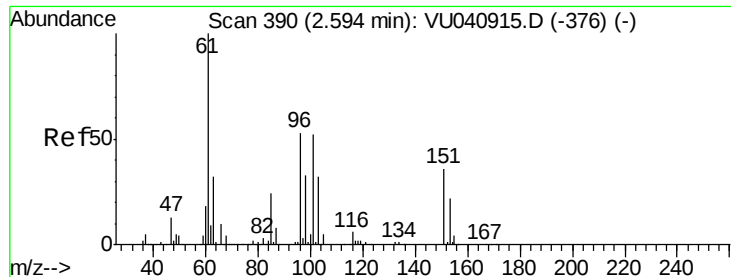


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 2.072 ug/l
RT: 2.59 min Scan# 390
Delta R.T. 0.00 min
Lab File: VU040922.D
Acq: 23 Oct 2020 00:51

Tgt Ion:101 Resp: 36041
Ion Ratio Lower Upper
101 100
85 45.1 36.2 54.2
151 67.8 55.1 82.7





#9

1,1-Dichloroethene

Concen: 2.178 ug/l

RT: 2.59 min Scan# 390

Delta R.T. 0.00 min

Lab File: VU040922.D

Acq: 23 Oct 2020 00:51

Instrument :

MSVOA_U

ClientSampleId :

VU1022WBS01

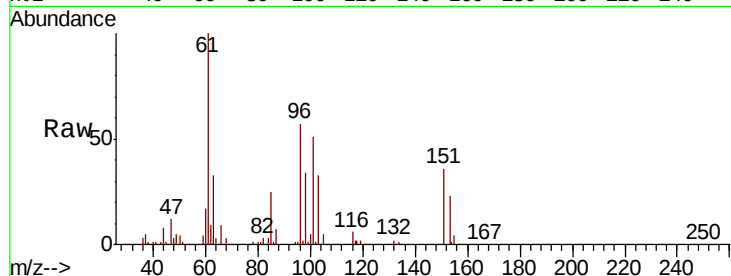
Tot Ion: 96 Resp: 32984

Ion Ratio Lower Upper

96 100

61 175.1 0.0 561.9

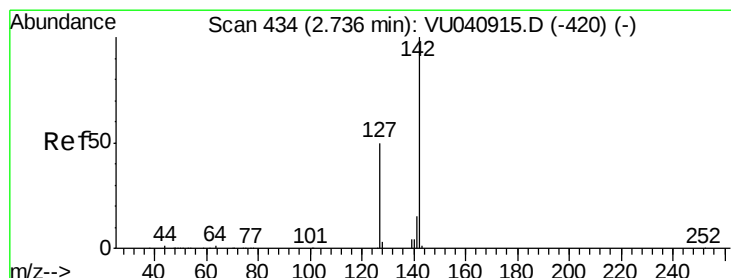
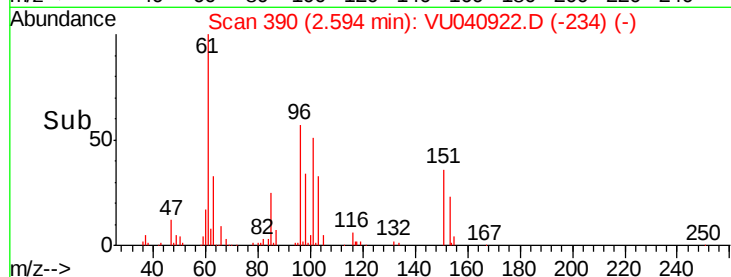
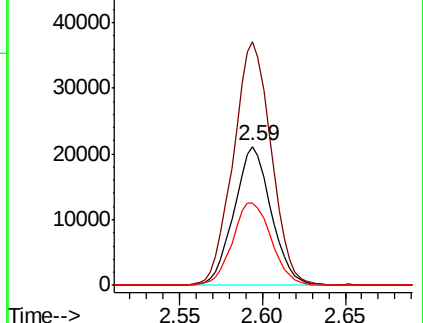
98 59.1 0.0 125.0



Abundance Ion 96.00 (95.70 to 96.70): VU040922.D (-234) (-)

Ion 61.00 (60.70 to 61.70): VU040922.D (-234) (-)

Ion 98.00 (97.70 to 98.70): VU040922.D (-234) (-)



#10

Iodomethane

Concen: 1.991 ug/l

RT: 2.74 min Scan# 434

Delta R.T. 0.00 min

Lab File: VU040922.D

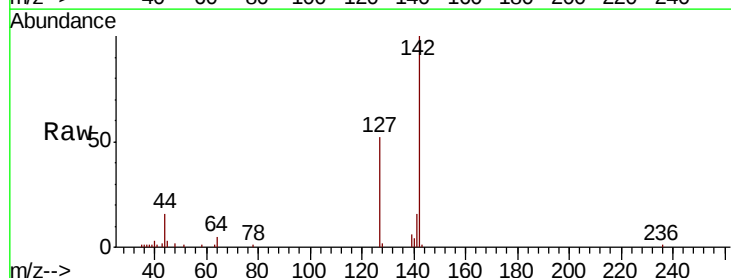
Acq: 23 Oct 2020 00:51

Tgt Ion: 142 Resp: 30649

Ion Ratio Lower Upper

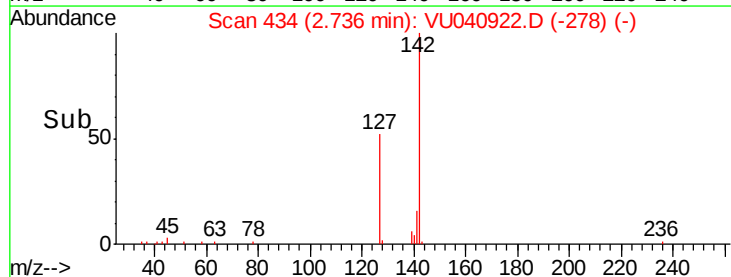
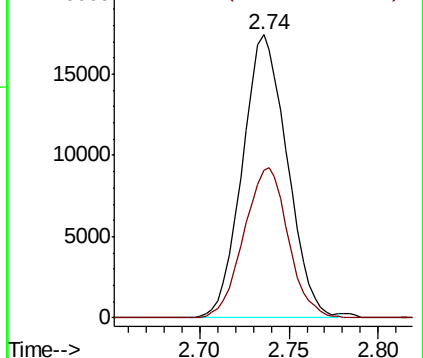
142 100

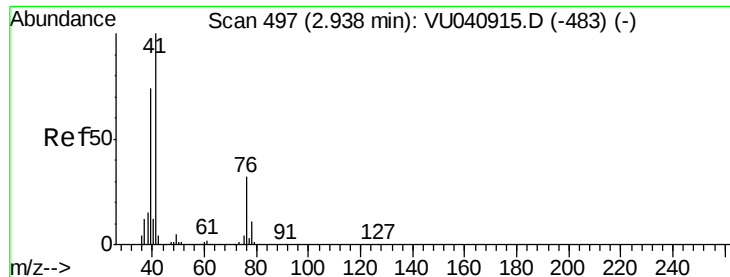
127 52.4 40.6 60.8



Abundance Ion 142.00 (141.70 to 142.70): VU040922.D (-278) (-)

Ion 127.00 (126.70 to 127.70): VU040922.D (-278) (-)

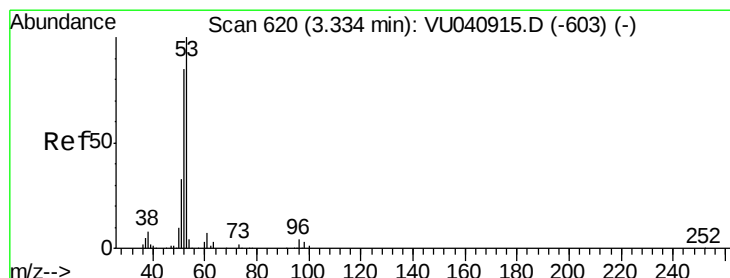
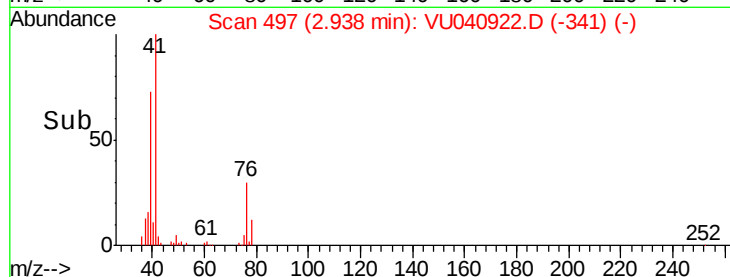
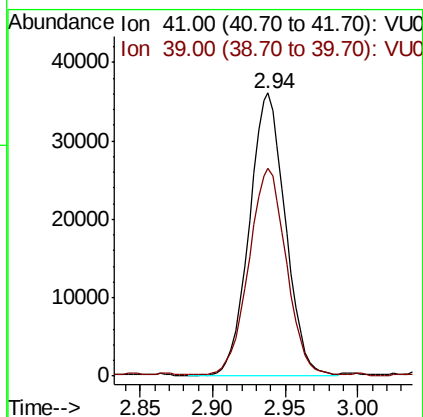
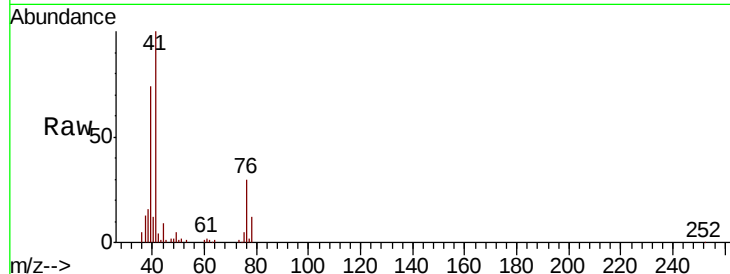




#11
Allvl Chloride
Concen: 2.011 ug/l
RT: 2.94 min Scan# 497
Delta R.T. 0.00 min
Lab File: VU040922.D
Acq: 23 Oct 2020 00:51

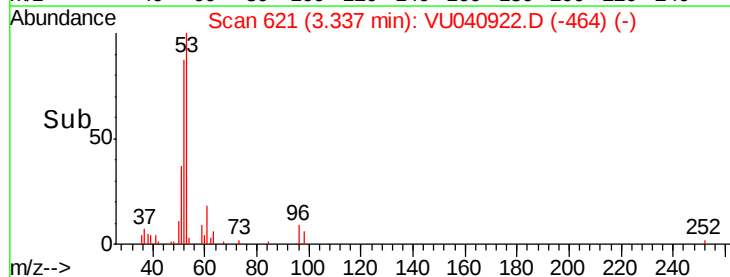
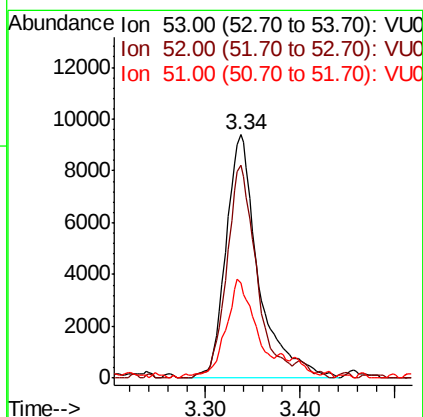
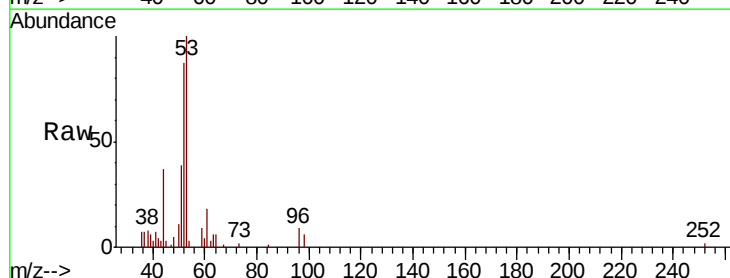
Instrument :
MSVOA_U
ClientSampleId :
VU1022WBS01

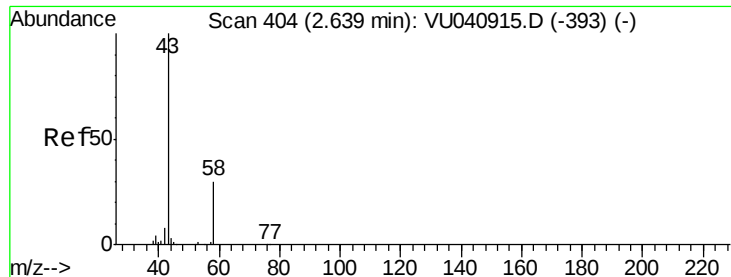
Tot Ion: 41 Resp: 62712
Ion Ratio Lower Upper
41 100
39 75.5 59.0 88.4



#12
Acrylonitrile
Concen: 4.204 ug/l
RT: 3.34 min Scan# 621
Delta R.T. 0.00 min
Lab File: VU040922.D
Acq: 23 Oct 2020 00:51

Tgt Ion: 53 Resp: 22449
Ion Ratio Lower Upper
53 100
52 79.9 63.1 94.7
51 37.0 30.6 46.0





#13

Acetone

Concen: 10.154 ug/l

RT: 2.65 min Scan# 406

Delta R.T. 0.01 min

Lab File: VU040922.D

Acq: 23 Oct 2020 00:51

Instrument :

MSVOA_U

ClientSampleId :

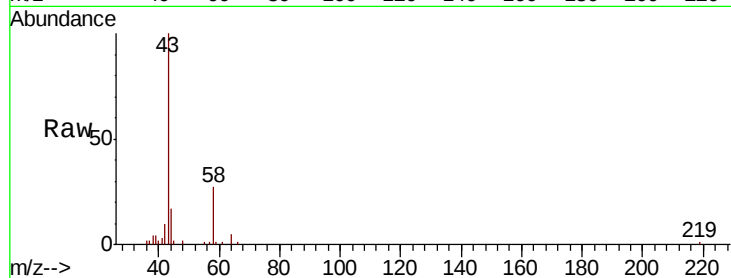
VU1022WBS01

Tot Ion: 43 Resp: 45384

Ion Ratio Lower Upper

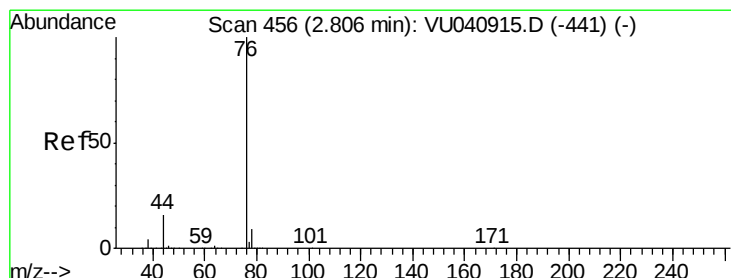
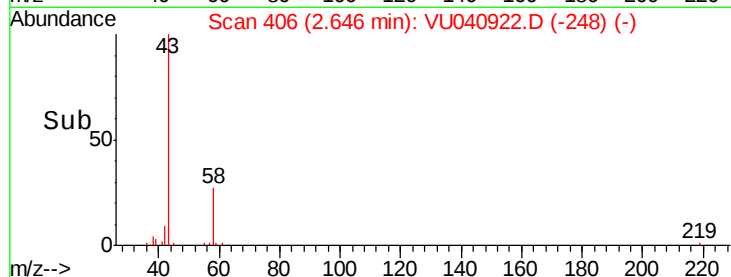
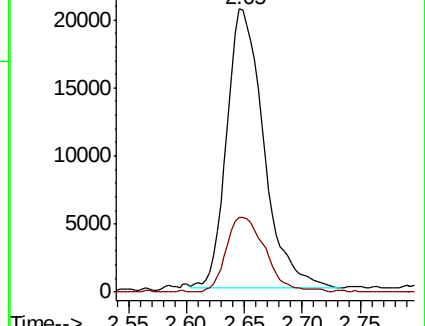
43 100

58 27.0 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VU040922.D (-393) (-)

Ion 58.00 (57.70 to 58.70): VU040922.D (-393) (-)



#14

Carbon Disulfide

Concen: 2.072 ug/l

RT: 2.81 min Scan# 456

Delta R.T. 0.00 min

Lab File: VU040922.D

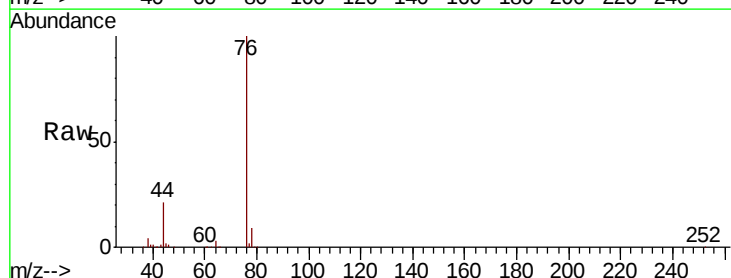
Acq: 23 Oct 2020 00:51

Tgt Ion: 76 Resp: 117959

Ion Ratio Lower Upper

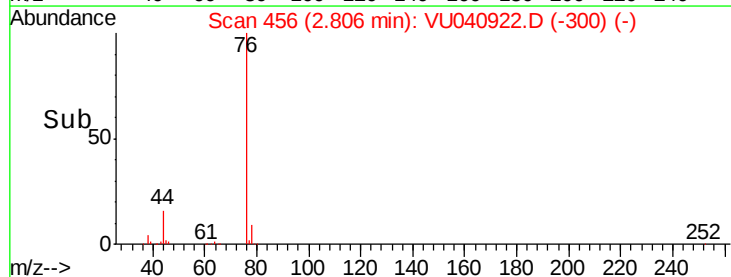
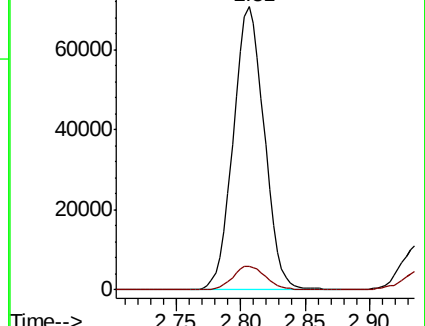
76 100

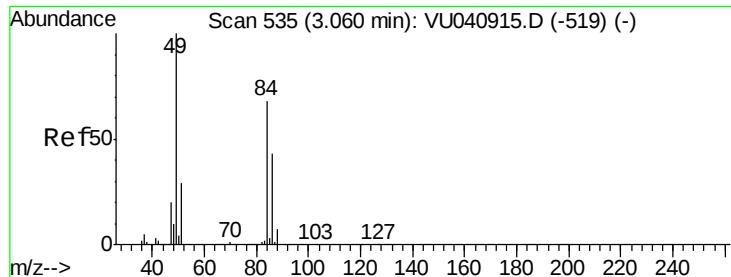
78 8.3 7.1 10.7



Abundance Ion 76.00 (75.70 to 76.70): VU040922.D (-300) (-)

Ion 78.00 (77.70 to 78.70): VU040922.D (-300) (-)

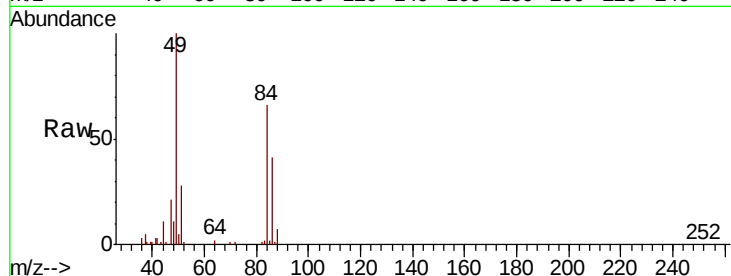




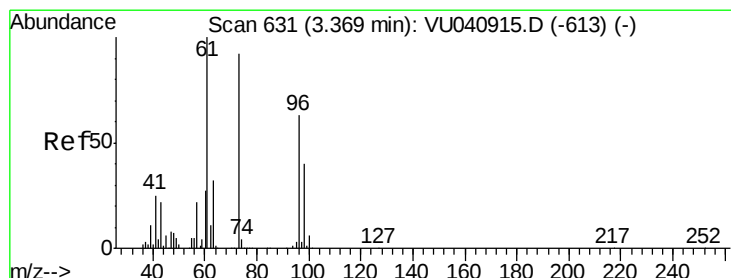
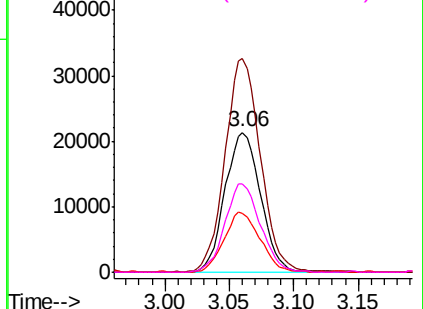
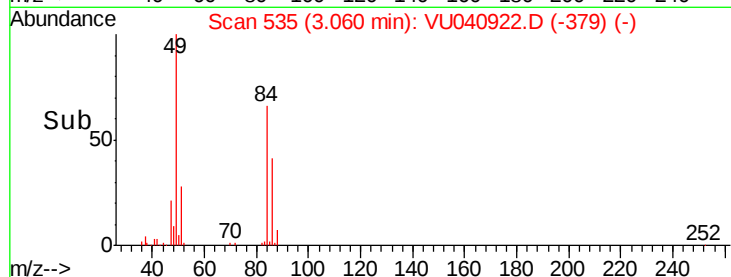
#15
Methvlene Chloride
Concen: 2.085 ug/l
RT: 3.06 min Scan# 535
Delta R.T. 0.00 min
Lab File: VU040922.D
Acq: 23 Oct 2020 00:51

Instrument :
MSVOA_U
ClientSampleId :
VU1022WBS01

Tot Ion: 84 Resp: 41014
Ion Ratio Lower Upper
84 100
49 152.0 118.2 177.4
51 42.1 0.0 86.8
86 63.2 51.2 76.8

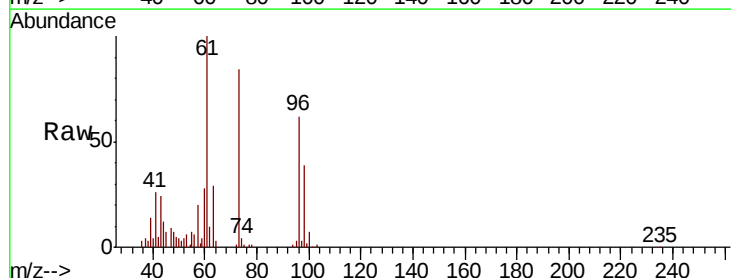


Abundance Ion 84.00 (83.70 to 84.70): VU0
Ion 49.00 (48.70 to 49.70): VU0
Ion 51.00 (50.70 to 51.70): VU0
Ion 86.00 (85.70 to 86.70): VU0

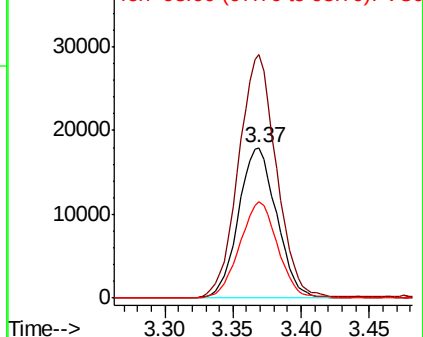
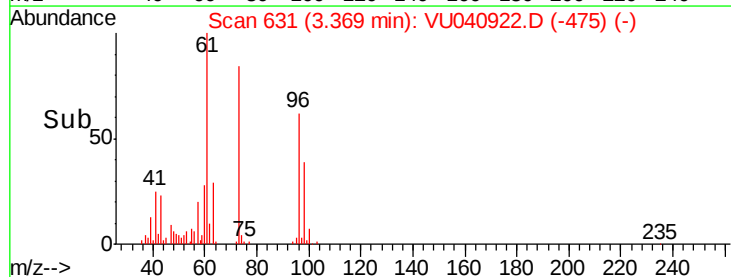


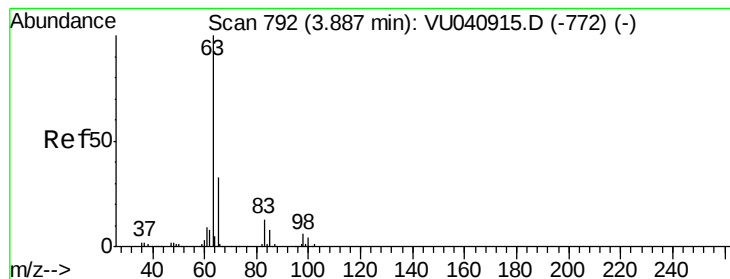
#16
trans-1,2-Dichloroethene
Concen: 2.031 ug/l
RT: 3.37 min Scan# 631
Delta R.T. 0.00 min
Lab File: VU040922.D
Acq: 23 Oct 2020 00:51

Tgt Ion: 96 Resp: 34824
Ion Ratio Lower Upper
96 100
61 162.0 127.0 190.4
98 63.7 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: 2.119 ug/l

RT: 3.89 min Scan# 793

Delta R.T. 0.00 min

Lab File: VU040922.D

Acq: 23 Oct 2020 00:51

Instrument :

MSVOA_U

ClientSampleId :

VU1022WBS01

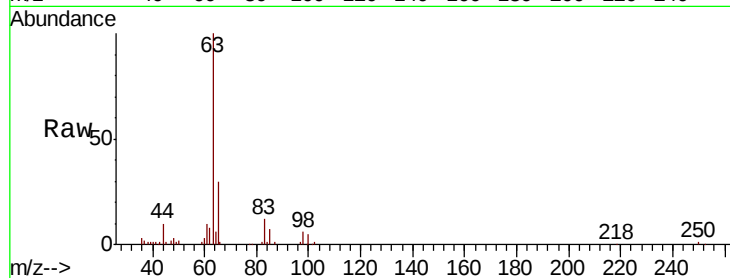
Tot Ion: 63 Resp: 74294

Ion Ratio Lower Upper

63 100

98 5.9 3.0 9.2

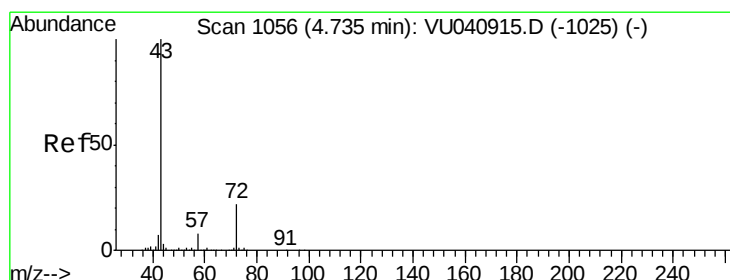
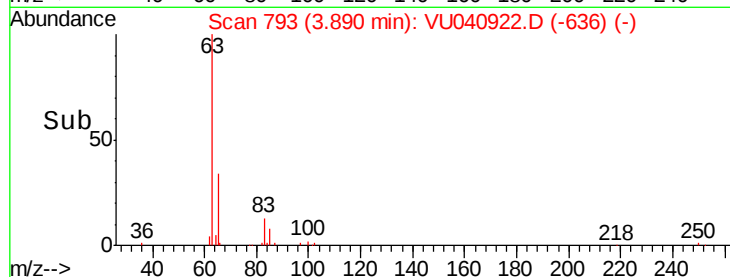
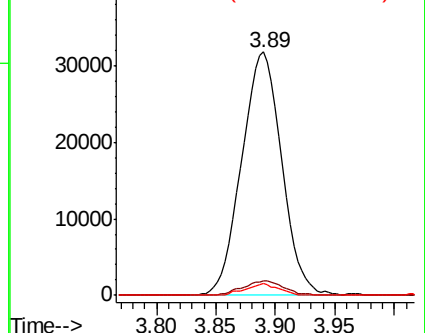
100 4.7 1.8 5.5



Abundance Ion 63.00 (62.70 to 63.70): VU040922.D (-636) (-)

Ion 98.00 (97.70 to 98.70): VU040922.D (-900) (-)

Ion 100.00 (99.70 to 100.70): VU040922.D (-900) (-)



#18

2-Butanone

Concen: 10.830 ug/l

RT: 4.74 min Scan# 1057

Delta R.T. 0.00 min

Lab File: VU040922.D

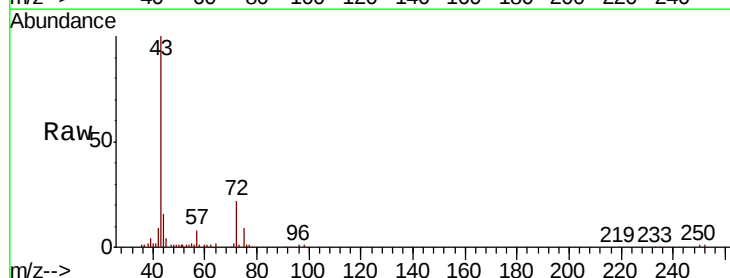
Acq: 23 Oct 2020 00:51

Tgt Ion: 43 Resp: 78304

Ion Ratio Lower Upper

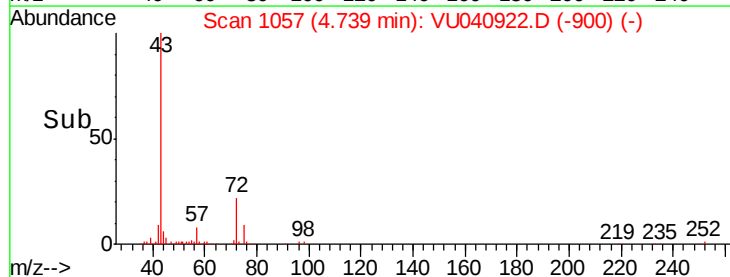
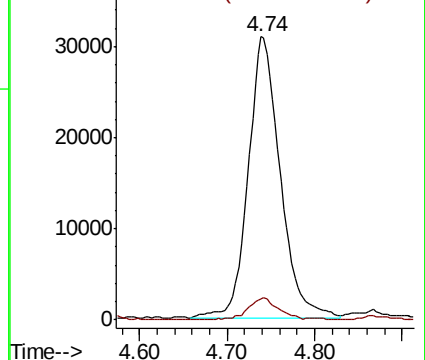
43 100

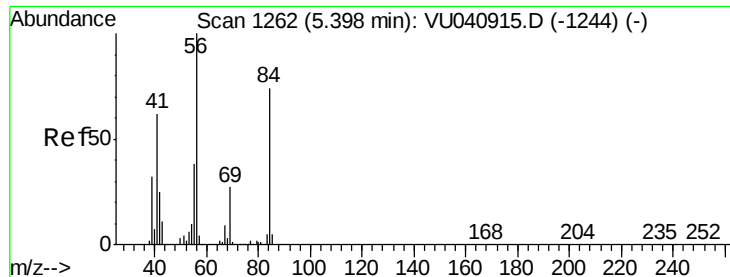
57 7.6 0.0 15.2



Abundance Ion 43.00 (42.70 to 43.70): VU040922.D (-900) (-)

Ion 57.00 (56.70 to 57.70): VU040922.D (-900) (-)

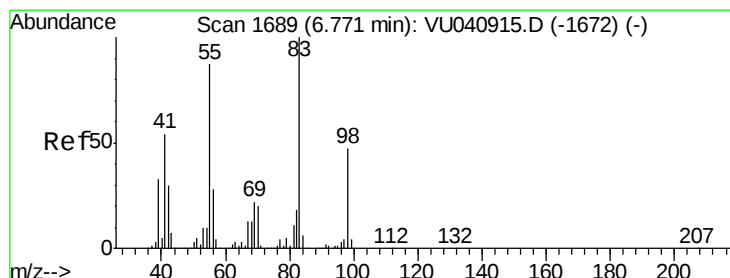
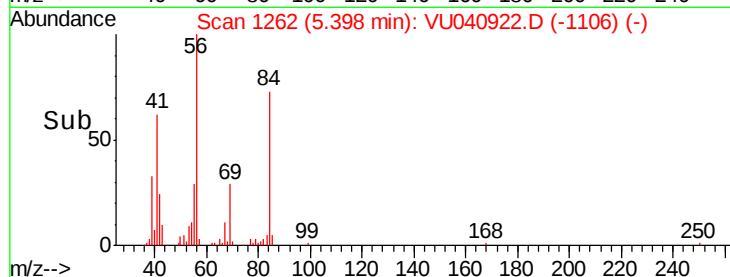
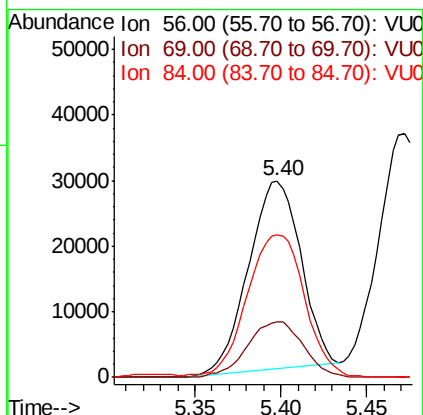
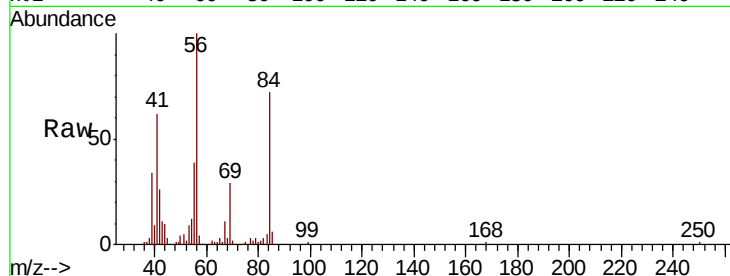




#19
Cyclohexane
Concen: 1.833 ug/l
RT: 5.40 min Scan# 1262
Delta R.T. 0.00 min
Lab File: VU040922.D
Acq: 23 Oct 2020 00:51

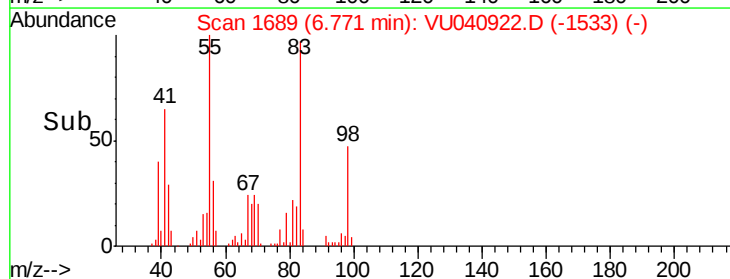
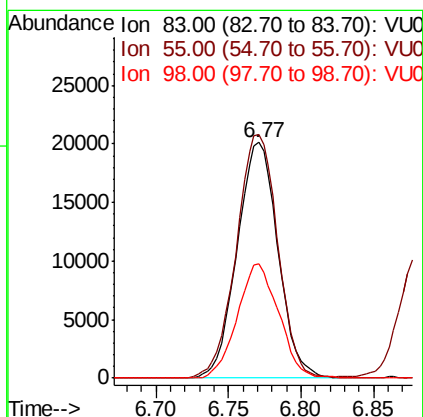
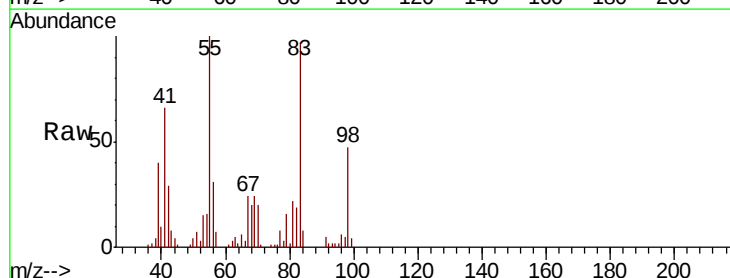
Instrument :
MSVOA_U
ClientSampleId :
VU1022WBS01

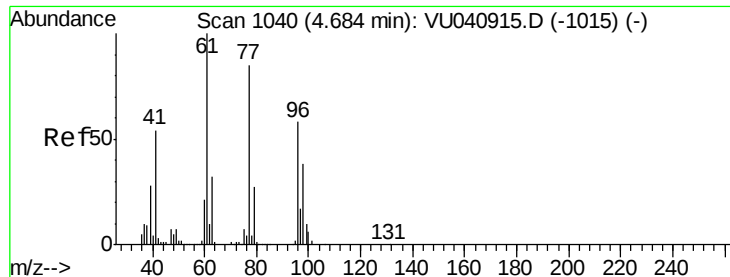
Tot Ion	Ratio	Lower	Upper
56	100		
69	31.6	22.2	33.2
84	81.9	60.1	90.1



#20
Methylcyclohexane
Concen: 1.597 ug/l
RT: 6.77 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VU040922.D
Acq: 23 Oct 2020 00:51

Tgt Ion	Ratio	Lower	Upper
83	100		
55	104.6	71.0	106.4
98	49.0	38.1	57.1





#21

2,2-Dichloropropane

Concen: 1.822 ug/l

RT: 4.68 min Scan# 1040

Delta R.T. 0.00 min

Lab File: VU040922.D

Acq: 23 Oct 2020 00:51

Instrument :

MSVOA_U

ClientSampleId :

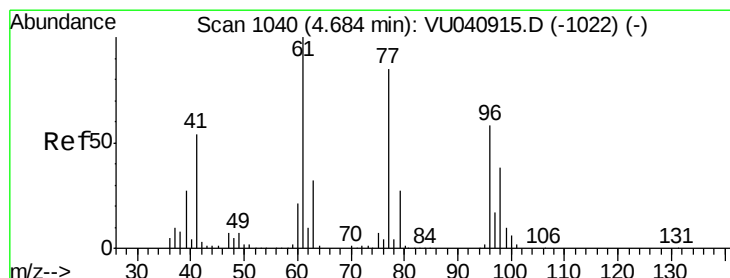
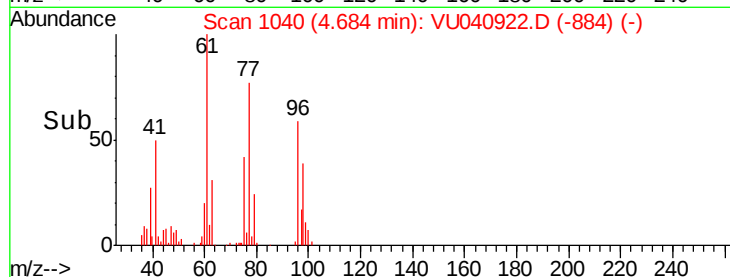
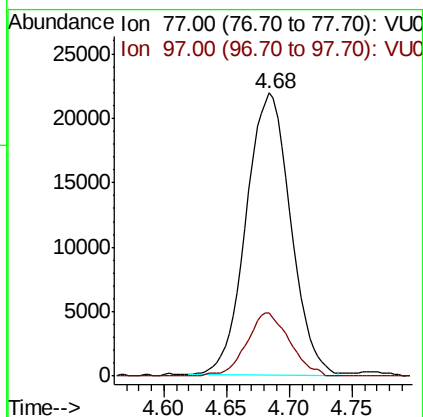
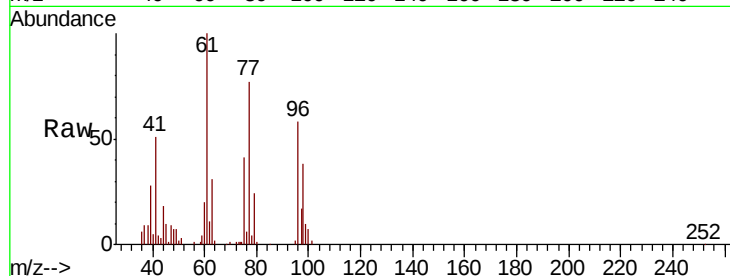
VU1022WBS01

Tot Ion: 77 Resp: 53936

Ion Ratio Lower Upper

77 100

97 21.7 16.0 24.0



#22

cis-1,2-Dichloroethene

Concen: 2.028 ug/l

RT: 4.69 min Scan# 1041

Delta R.T. 0.00 min

Lab File: VU040922.D

Acq: 23 Oct 2020 00:51

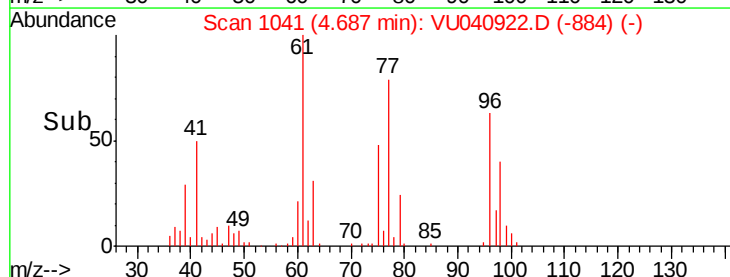
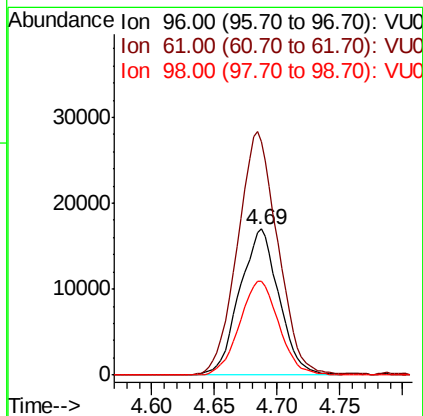
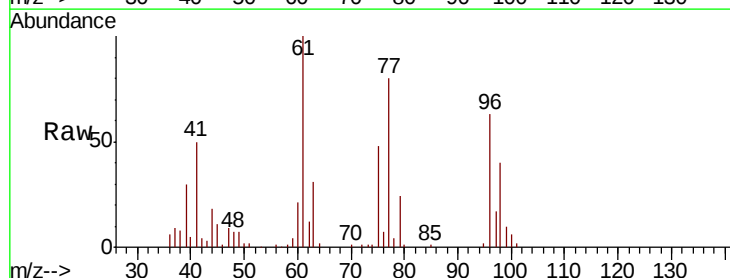
Tgt Ion: 96 Resp: 37105

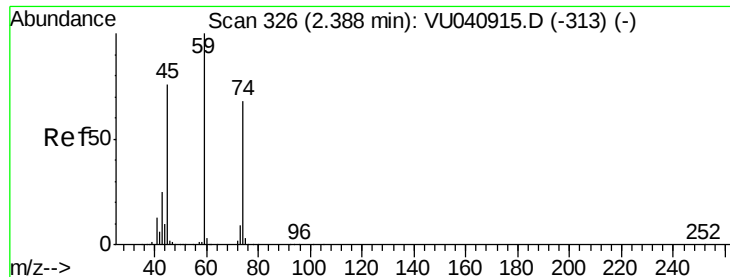
Ion Ratio Lower Upper

96 100

61 170.9 0.0 434.5

98 64.7 32.6 97.8

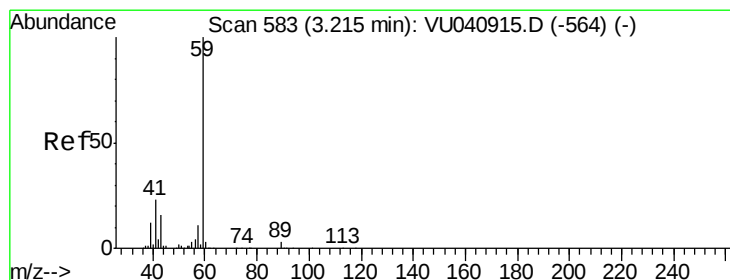
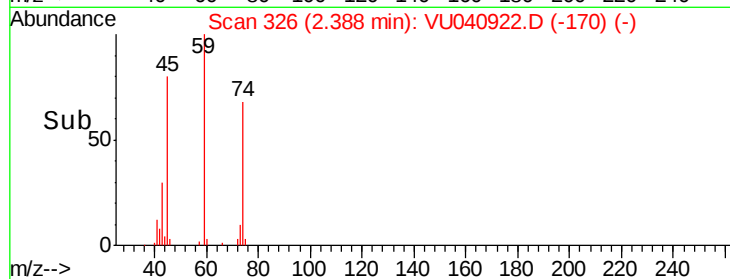
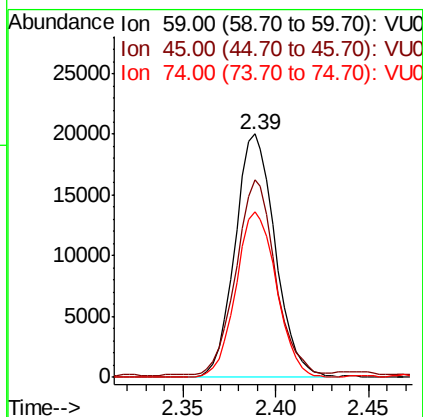
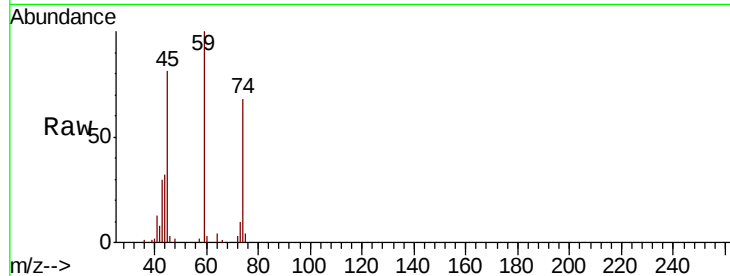




#23
Diethyl Ether
Concen: 2.015 ug/l
RT: 2.39 min Scan# 326
Delta R.T. 0.00 min
Lab File: VU040922.D
Acq: 23 Oct 2020 00:51

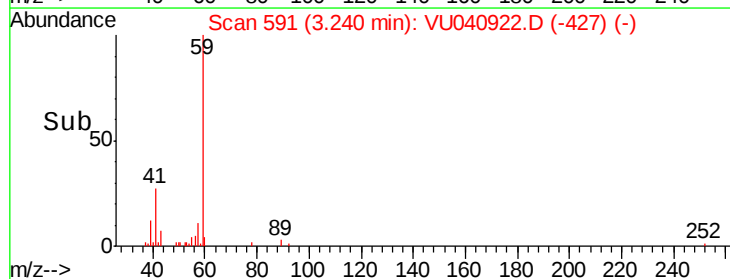
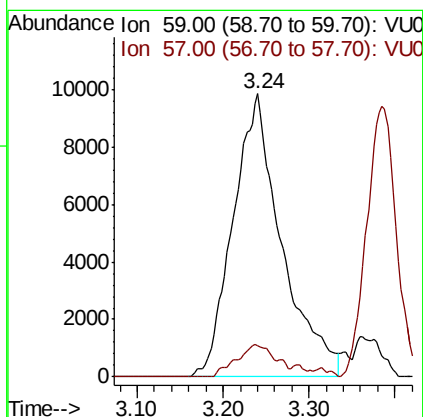
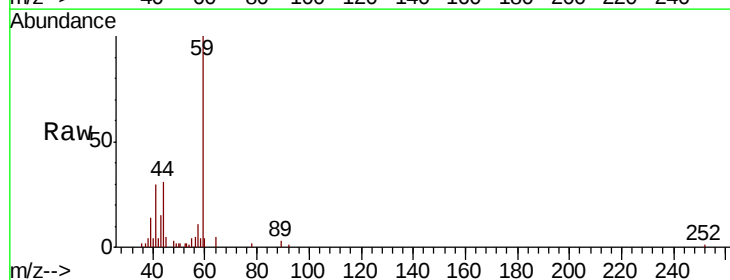
Instrument :
MSVOA_U
ClientSampleId :
VU1022WBS01

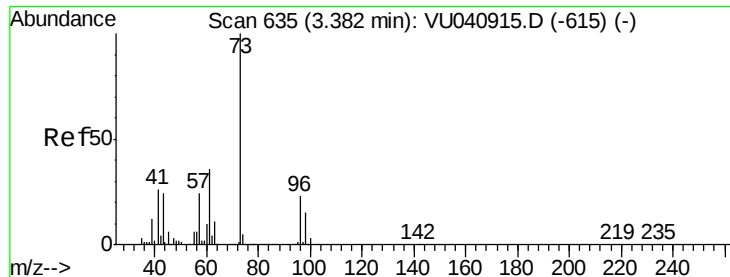
Tot Ion: 59 Resp: 30135
Ion Ratio Lower Upper
59 100
45 78.1 61.4 92.2
74 68.6 55.0 82.4



#24
tert-Butyl Alcohol
Concen: 23.109 ug/l
RT: 3.24 min Scan# 591
Delta R.T. 0.03 min
Lab File: VU040922.D
Acq: 23 Oct 2020 00:51

Tgt Ion: 59 Resp: 38557
Ion Ratio Lower Upper
59 100
57 8.0 8.4 12.6#





#25

Methyl tert-Butyl Ether

Concen: 2.014 ug/l

RT: 3.38 min Scan# 635

Delta R.T. 0.00 min

Lab File: VU040922.D

Acq: 23 Oct 2020 00:51

Instrument :

MSVOA_U

ClientSampleId :

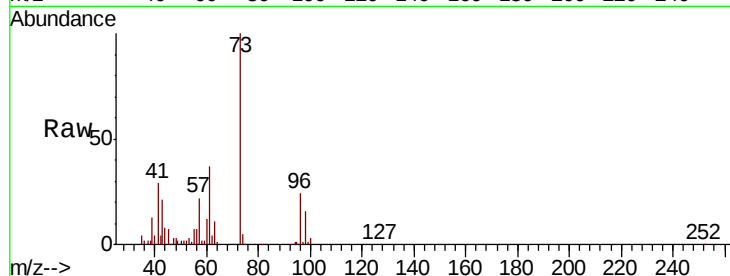
VU1022WBS01

Tot Ion: 73 Resp: 94630

Ion Ratio Lower Upper

73 100

43 25.6 19.0 28.6

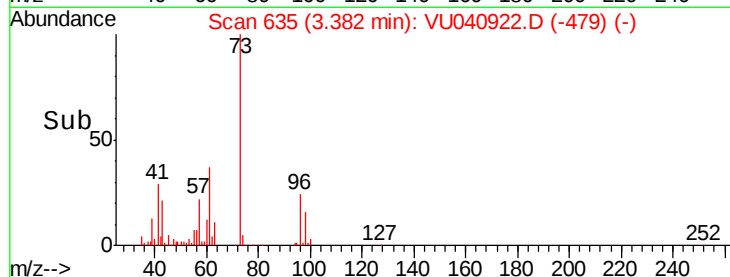


Abundance Ion 73.00 (72.70 to 73.70): VU040915.D (-615) (-)

Ion 43.00 (42.70 to 43.70): VU040915.D (-615) (-)

3.38

Time-->

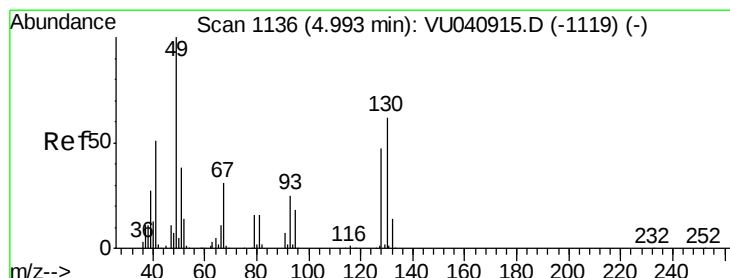


Abundance Ion 73.00 (72.70 to 73.70): VU040922.D (-479) (-)

Ion 43.00 (42.70 to 43.70): VU040922.D (-479) (-)

3.38

Time-->



#26

Bromochloromethane

Concen: 2.155 ug/l

RT: 4.99 min Scan# 1135

Delta R.T. -0.00 min

Lab File: VU040922.D

Acq: 23 Oct 2020 00:51

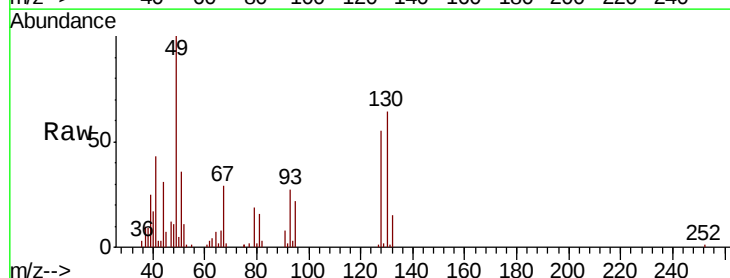
Tgt Ion: 128 Resp: 17131

Ion Ratio Lower Upper

128 100

49 202.4 0.0 426.4

130 128.0 106.2 159.4



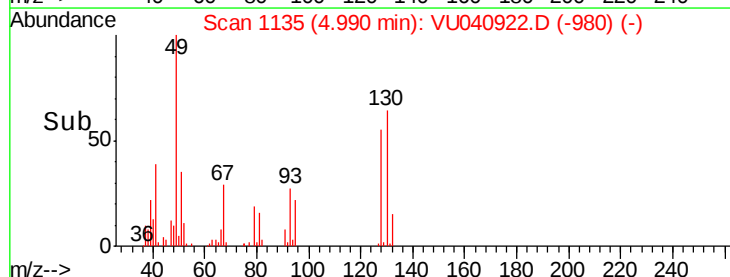
Abundance Ion 128.00 (127.70 to 128.70): VU040915.D (-1119) (-)

Ion 49.00 (48.70 to 49.70): VU040915.D (-1119) (-)

Ion 130.00 (129.70 to 130.70): VU040915.D (-1119) (-)

4.99

Time-->



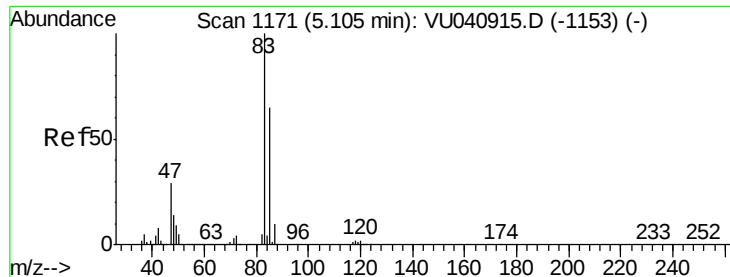
Abundance Ion 128.00 (127.70 to 128.70): VU040922.D (-980) (-)

Ion 49.00 (48.70 to 49.70): VU040922.D (-980) (-)

Ion 130.00 (129.70 to 130.70): VU040922.D (-980) (-)

4.99

Time-->



#27

Chloroform

Concen: 2.063 ug/l

RT: 5.11 min Scan# 1171

Delta R.T. 0.00 min

Lab File: VU040922.D

Acq: 23 Oct 2020 00:51

Instrument :

MSVOA_U

ClientSampleId :

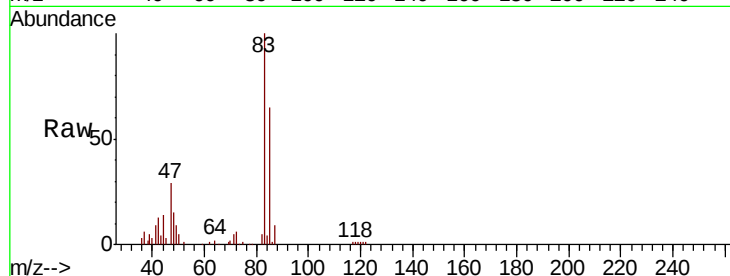
VU1022WBS01

Tot Ion: 83 Resp: 69138

Ion Ratio Lower Upper

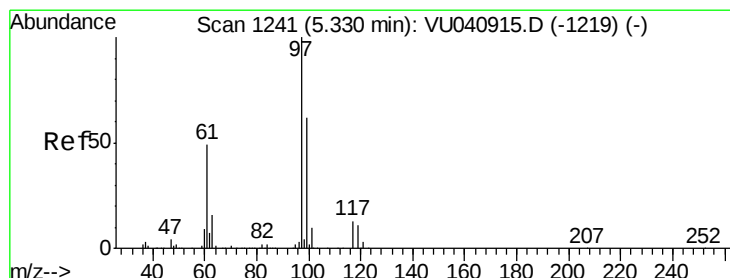
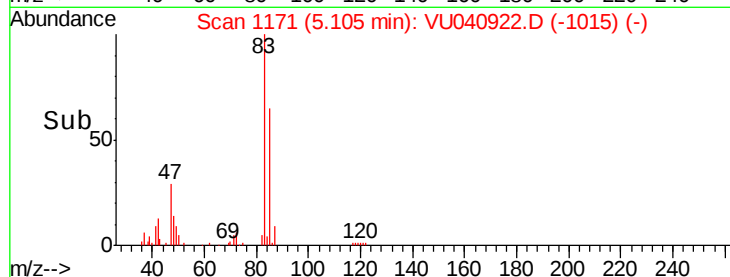
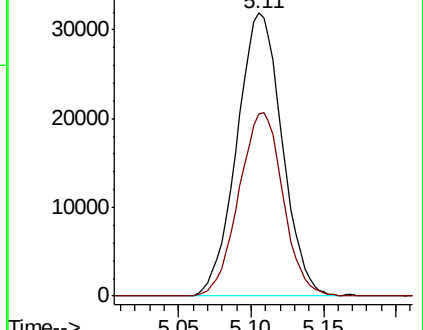
83 100

85 64.6 0.0 129.0



Abundance Ion 83.00 (82.70 to 83.70): VU040922.D (-1015) (-)

Ion 85.00 (84.70 to 85.70): VU040922.D (-1015) (-)



#28

1,1,1-Trichloroethane

Concen: 2.028 ug/l

RT: 5.33 min Scan# 1241

Delta R.T. 0.00 min

Lab File: VU040922.D

Acq: 23 Oct 2020 00:51

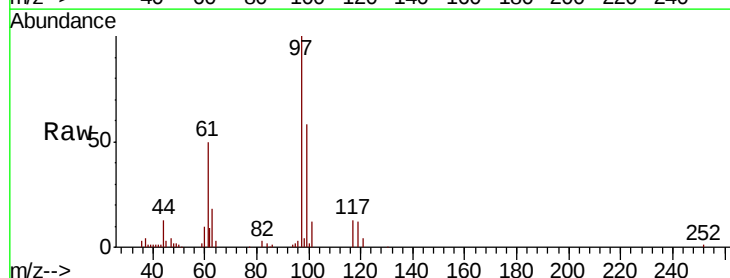
Tgt Ion: 97 Resp: 58607

Ion Ratio Lower Upper

97 100

99 64.4 31.4 94.3

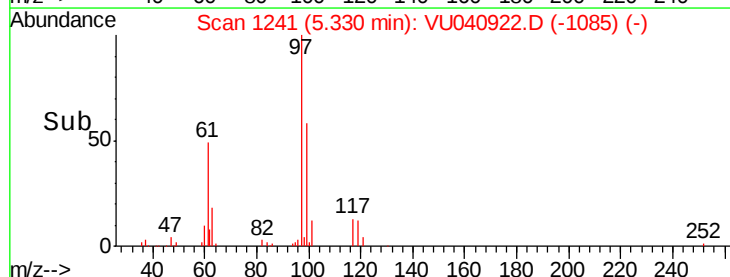
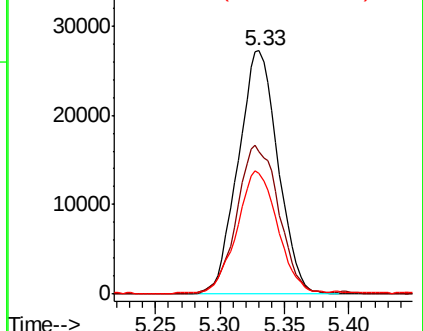
61 50.8 24.7 74.1

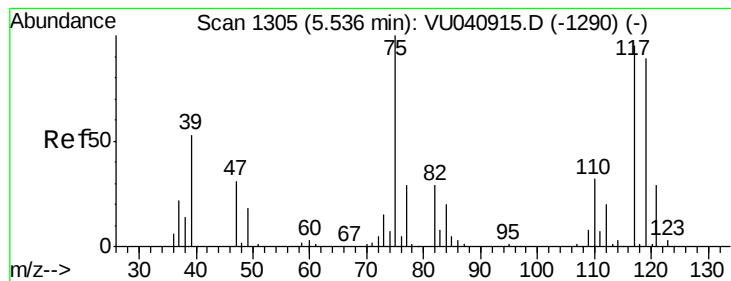


Abundance Ion 97.00 (96.70 to 97.70): VU040922.D (-1085) (-)

Ion 99.00 (98.70 to 99.70): VU040922.D (-1085) (-)

Ion 61.00 (60.70 to 61.70): VU040922.D (-1085) (-)





#29

1,1-Dichloropropene

Concen: 1.875 ug/l

RT: 5.54 min Scan# 1305

Delta R.T. 0.00 min

Lab File: VU040922.D

Acq: 23 Oct 2020 00:51

Instrument :

MSVOA_U

ClientSampleId :

VU1022WBS01

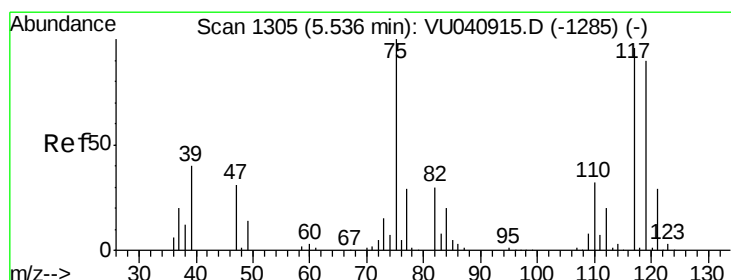
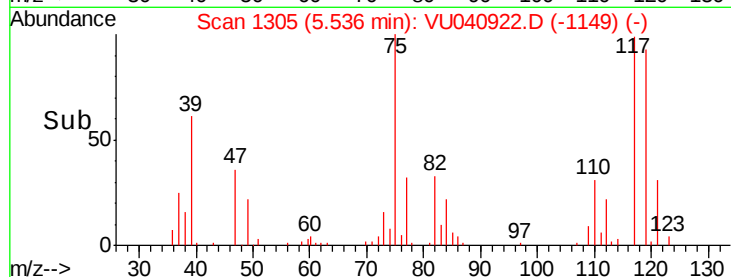
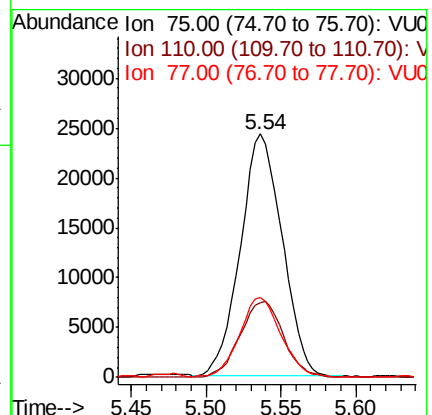
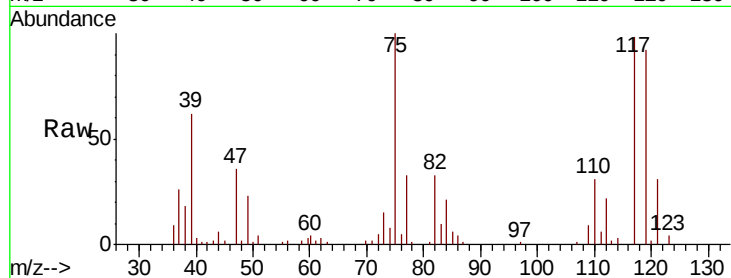
Tot Ion: 75 Resp: 47456

Ion Ratio Lower Upper

75 100

110 32.3 15.9 47.6

77 32.8 24.2 36.2



#30

Carbon Tetrachloride

Concen: 2.047 ug/l

RT: 5.53 min Scan# 1304

Delta R.T. -0.00 min

Lab File: VU040922.D

Acq: 23 Oct 2020 00:51

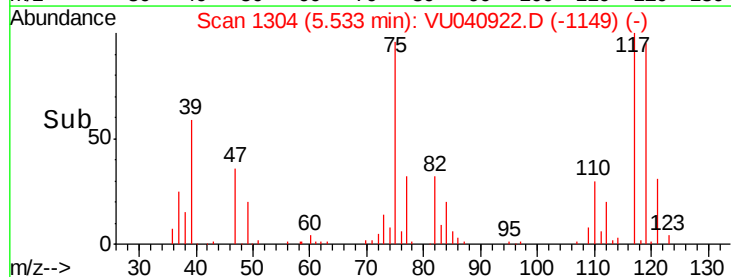
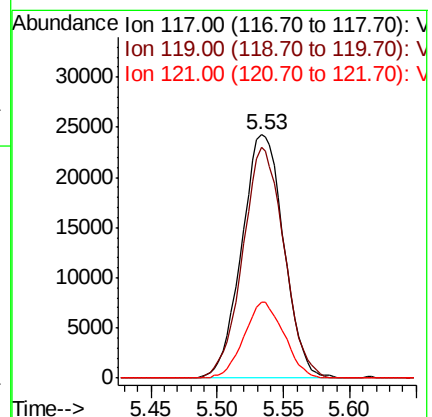
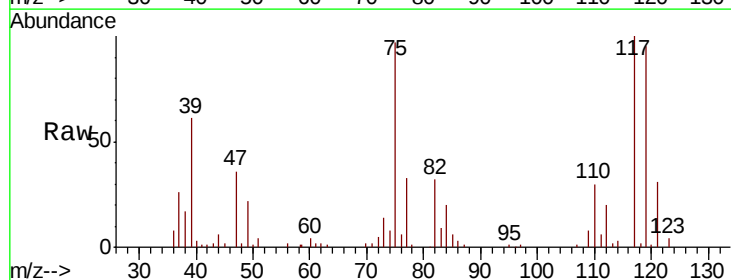
Tgt Ion: 117 Resp: 53535

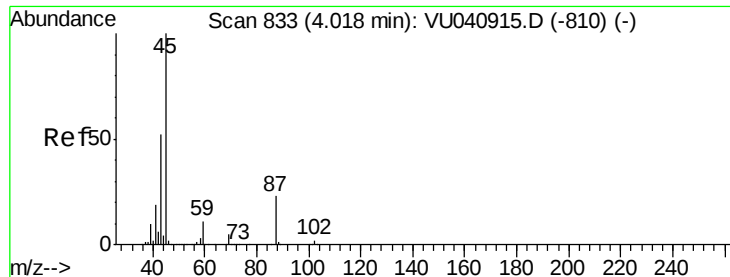
Ion Ratio Lower Upper

117 100

119 94.9 74.9 112.3

121 31.0 24.1 36.1





#31

Isopropyl Ether

Concen: 1.970 ug/l

RT: 4.02 min Scan# 833

Delta R.T. 0.00 min

Lab File: VU040922.D

Acq: 23 Oct 2020 00:51

Instrument :

MSVOA_U

ClientSampleId :

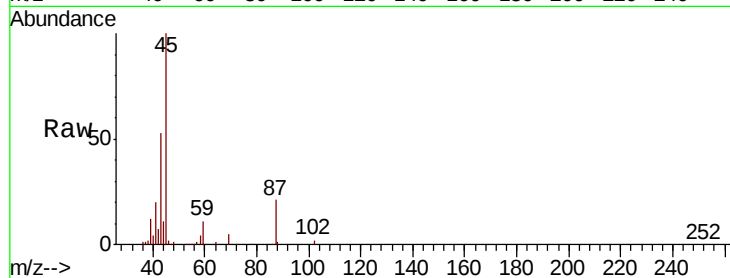
VU1022WBS01

Tot Ion: 45 Resp: 106842

Ion Ratio Lower Upper

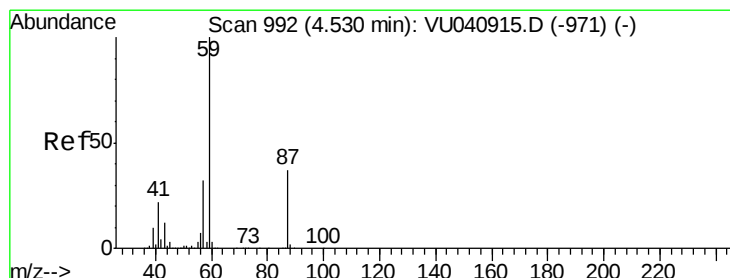
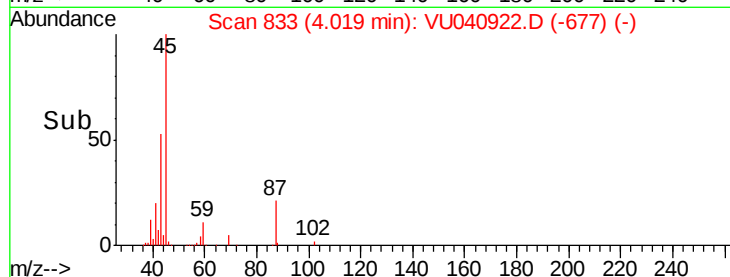
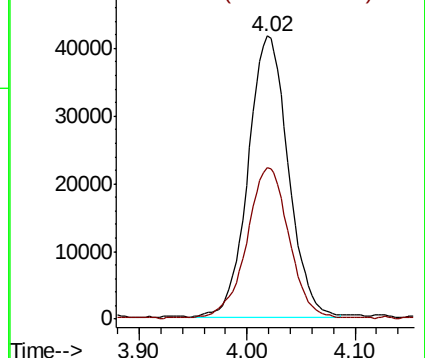
45 100

43 55.9 26.8 80.3



Abundance Ion 45.00 (44.70 to 45.70): VU040922.D (-836) (-)

Ion 43.00 (42.70 to 43.70): VU040922.D (-836) (-)



#32

Ethyl-t-butyl ether

Concen: 2.037 ug/l

RT: 4.53 min Scan# 992

Delta R.T. 0.00 min

Lab File: VU040922.D

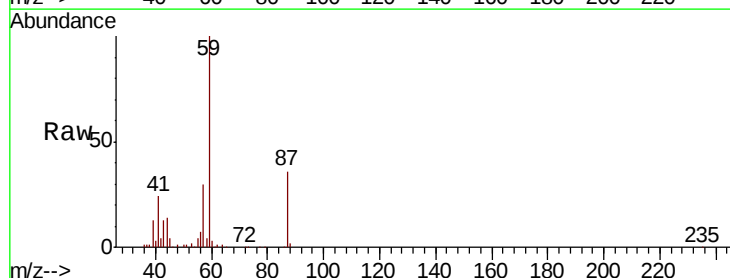
Acq: 23 Oct 2020 00:51

Tgt Ion: 59 Resp: 97276

Ion Ratio Lower Upper

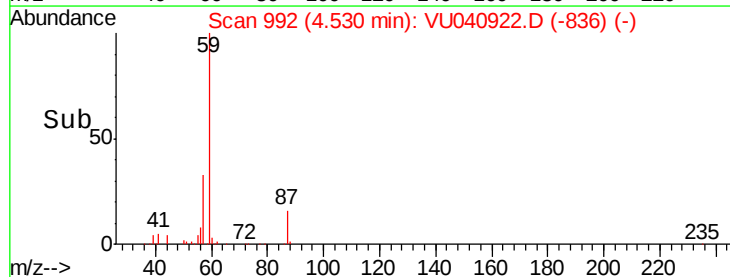
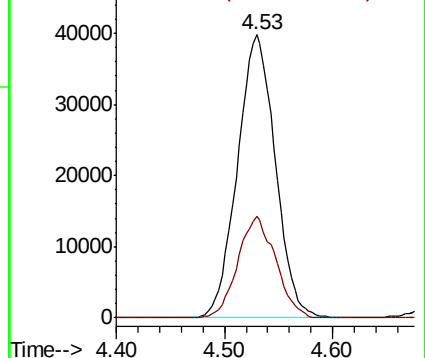
59 100

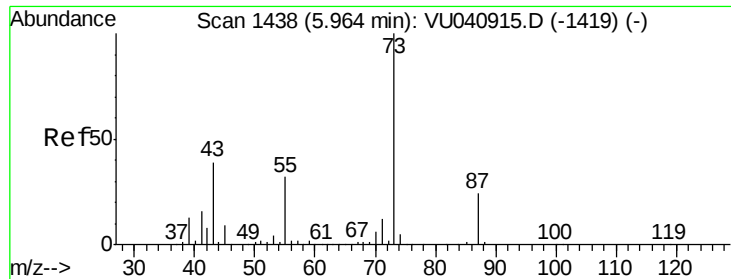
87 35.7 30.6 46.0



Abundance Ion 59.00 (58.70 to 59.70): VU040922.D (-836) (-)

Ion 87.00 (86.70 to 87.70): VU040922.D (-836) (-)

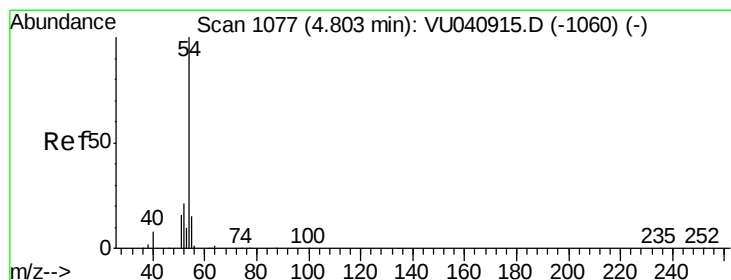
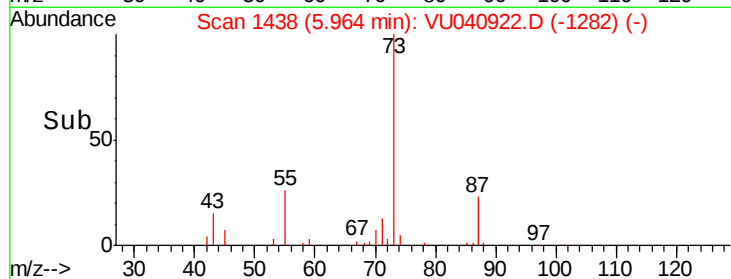
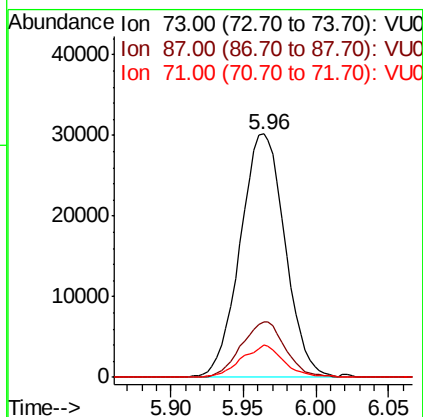
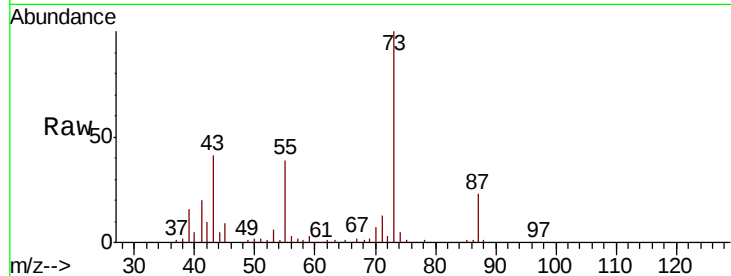




#33
Tert-Butyl methyl ether
Concen: 1.814 ug/l
RT: 5.96 min Scan# 1438
Delta R.T. 0.00 min
Lab File: VU040922.D
Acq: 23 Oct 2020 00:51

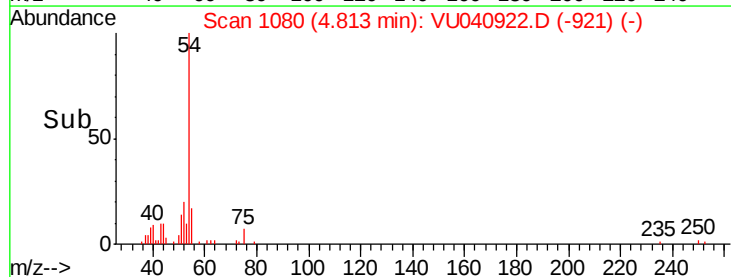
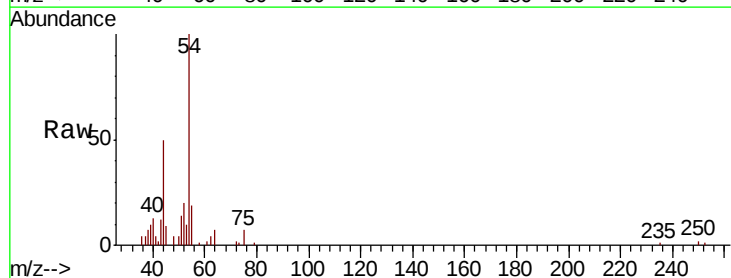
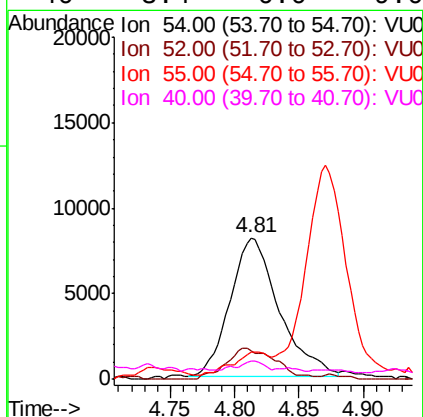
Instrument :
MSVOA_U
ClientSampleId :
VU1022WBS01

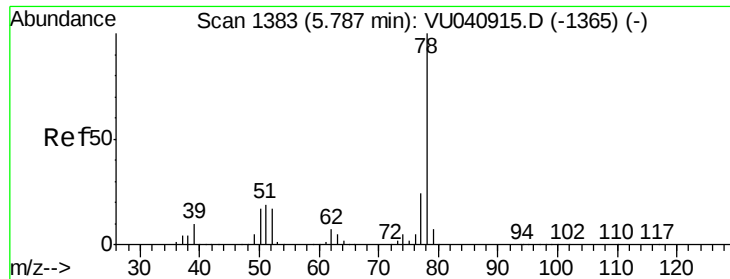
Tot Ion	Ratio	Lower	Upper
73	100		
87	22.5	19.0	28.4
71	12.6	9.7	14.5



#34
Propionitrile
Concen: 10.691 ug/l
RT: 4.81 min Scan# 1080
Delta R.T. 0.01 min
Lab File: VU040922.D
Acq: 23 Oct 2020 00:51

Tgt Ion	Ratio	Lower	Upper
54	100		
52	22.5	15.5	23.3
55	13.7	12.5	18.7
40	3.4	6.0	9.0





#35

Benzene

Concen: 1.957 ug/l

RT: 5.79 min Scan# 1383

Delta R.T. 0.00 min

Lab File: VU040922.D

Acq: 23 Oct 2020 00:51

Instrument :

MSVOA_U

ClientSampleId :

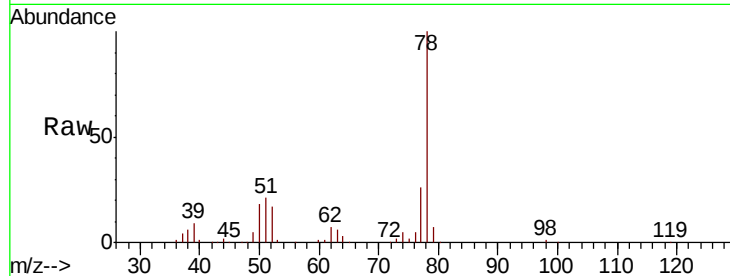
VU1022WBS01

Tot Ion: 78 Resp: 137350

Ion Ratio Lower Upper

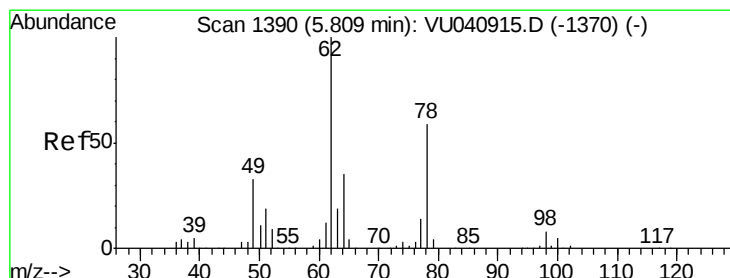
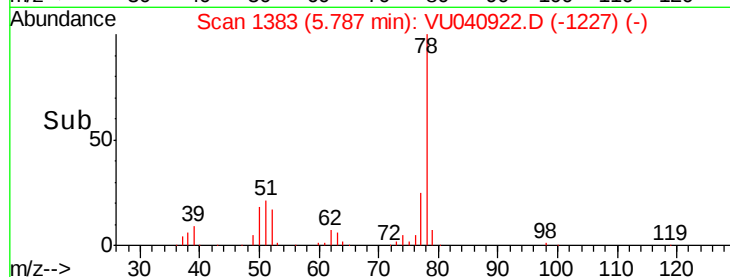
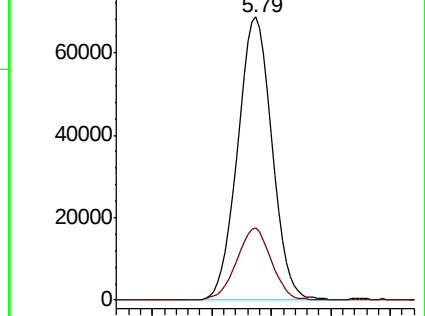
78 100

77 25.7 19.4 29.2



Abundance Ion 78.10 (77.80 to 78.80): VU0

Ion 77.00 (76.70 to 77.70): VU0



#36

1,2-Dichloroethane

Concen: 2.058 ug/l

RT: 5.81 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VU040922.D

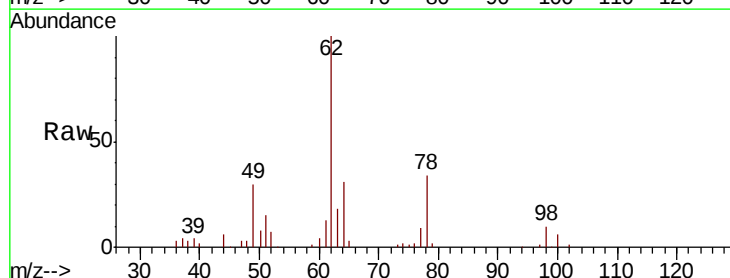
Acq: 23 Oct 2020 00:51

Tgt Ion: 62 Resp: 53525

Ion Ratio Lower Upper

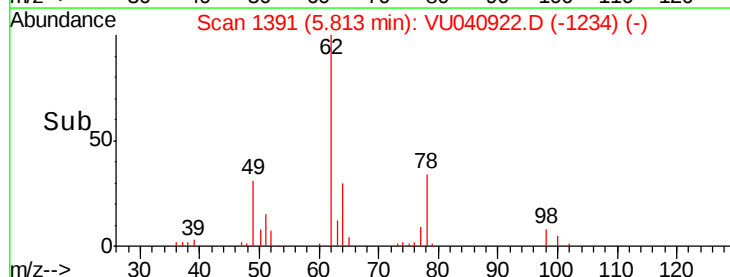
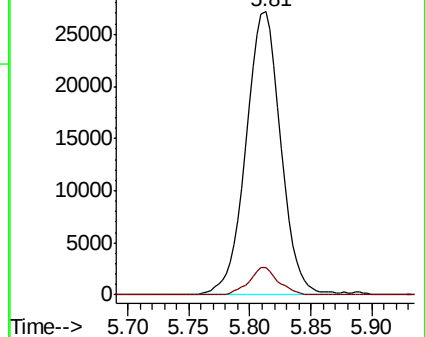
62 100

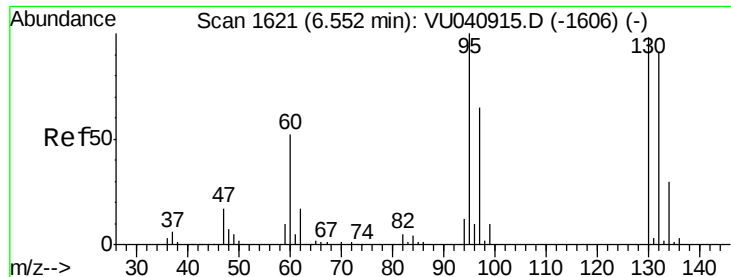
98 8.0 6.7 10.1



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

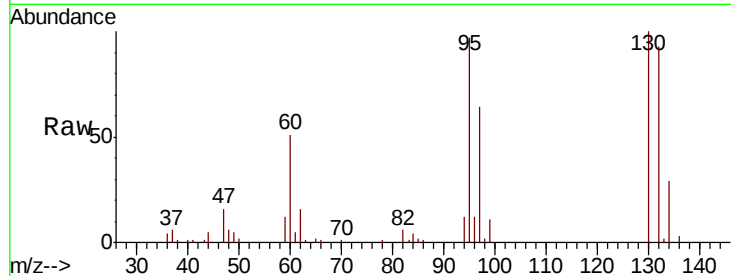




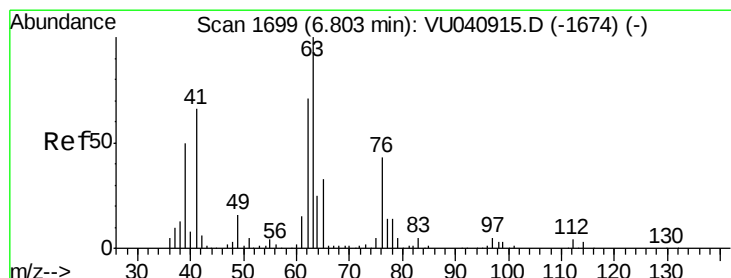
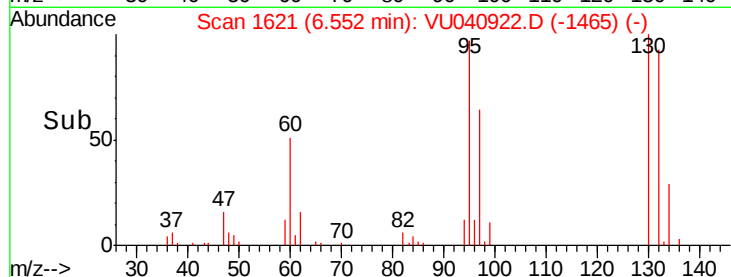
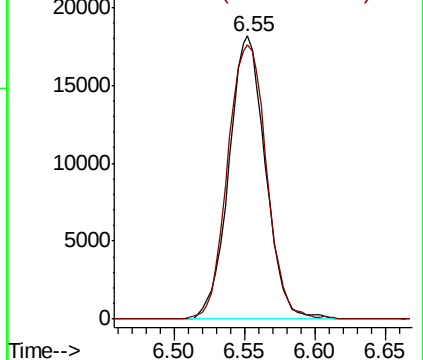
#37
 Trichloroethene
 Concen: 1.981 ug/l
 RT: 6.55 min Scan# 1621
 Delta R.T. 0.00 min
 Lab File: VU040922.D
 Acq: 23 Oct 2020 00:51

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1022WBS01

Tot Ion:130 Resp: 32868
 Ion Ratio Lower Upper
 130 100
 95 96.9 81.9 122.9

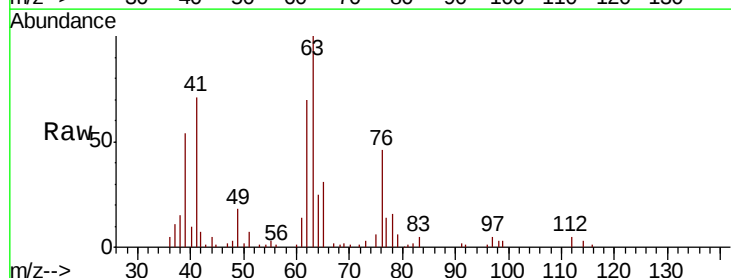


Abundance Ion 129.90 (129.60 to 130.60): VU040915.D (-1606) (-)
 Ion 94.90 (94.60 to 95.60): VU040915.D (-1606) (-)

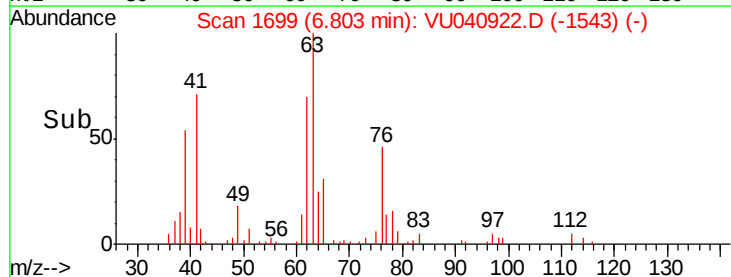
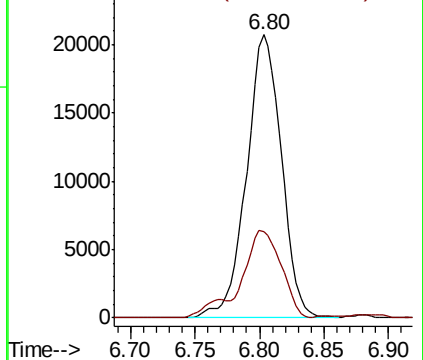


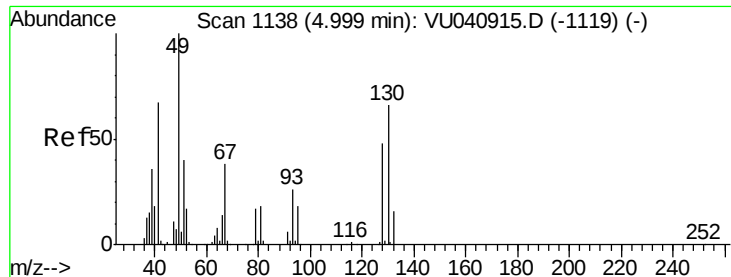
#38
 1,2-Dichloropropane
 Concen: 1.965 ug/l
 RT: 6.80 min Scan# 1699
 Delta R.T. 0.00 min
 Lab File: VU040922.D
 Acq: 23 Oct 2020 00:51

Tgt Ion: 63 Resp: 39128
 Ion Ratio Lower Upper
 63 100
 65 30.1 26.2 39.2



Abundance Ion 63.00 (62.70 to 63.70): VU040915.D (-1674) (-)
 Ion 65.00 (64.70 to 65.70): VU040915.D (-1674) (-)

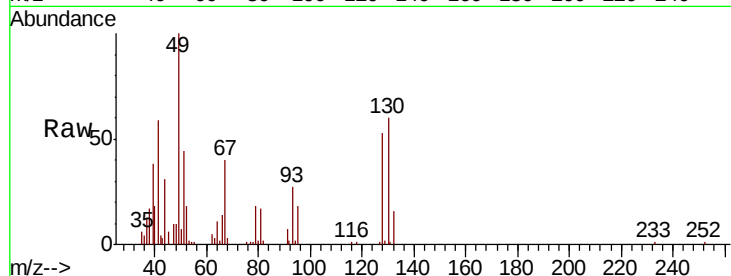




#39
Methacrylonitrile
Concen: 2.014 ug/l
RT: 5.00 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VU040922.D
Acq: 23 Oct 2020 00:51

Instrument :
MSVOA_U
ClientSampleId :
VU1022WBS01

Tot Ion:	41	Resp:	18744
Ion	Ratio	Lower	Upper
41	100		
67	66.6	48.7	73.1
39	60.3	44.6	67.0
52	31.1	23.3	34.9



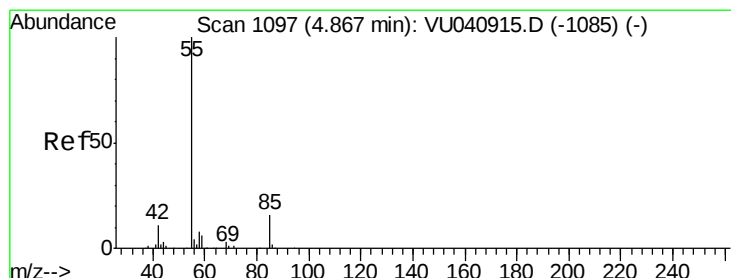
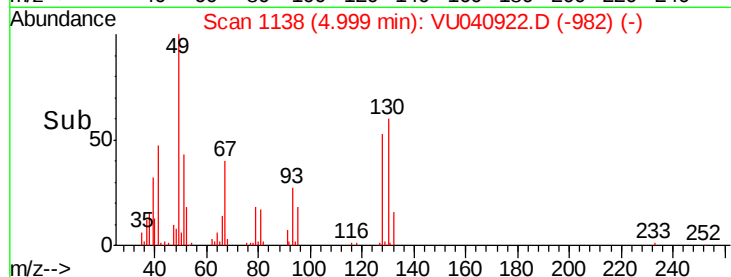
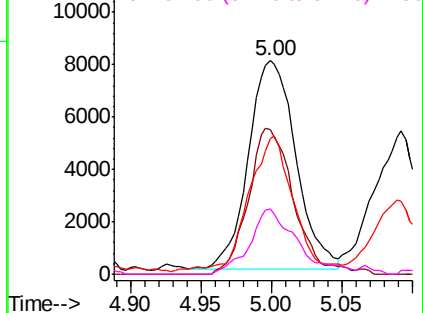
Abundance

Ion 41.00 (40.70 to 41.70): VU0

Ion 67.00 (66.70 to 67.70): VU0

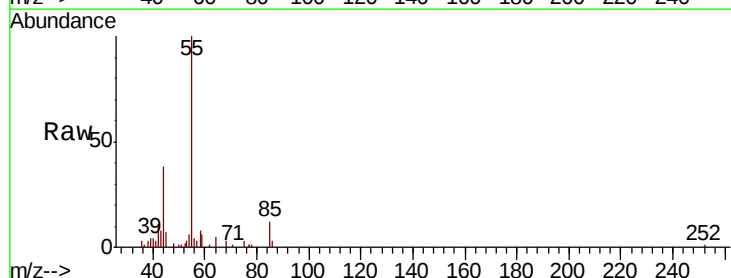
Ion 39.00 (38.70 to 39.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



#40
Methyl acrylate
Concen: 2.043 ug/l
RT: 4.87 min Scan# 1098
Delta R.T. 0.00 min
Lab File: VU040922.D
Acq: 23 Oct 2020 00:51

Tgt Ion:	55	Resp:	26066
Ion	Ratio	Lower	Upper
55	100		
85	13.9	12.2	18.2
58	5.6	6.8	10.2#
42	13.9	9.4	14.2



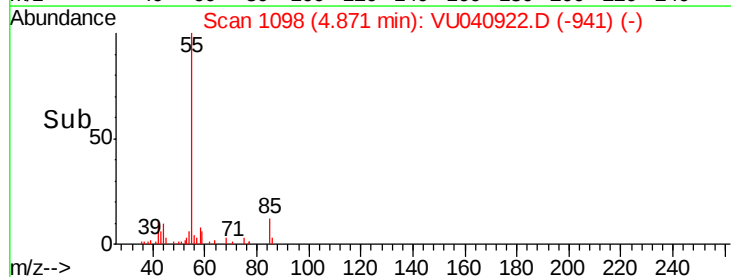
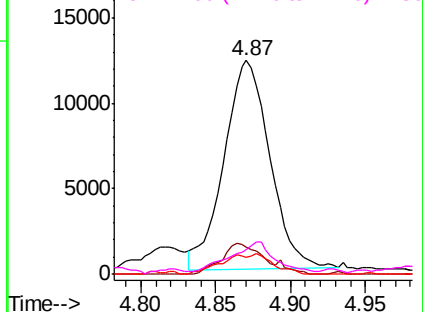
Abundance

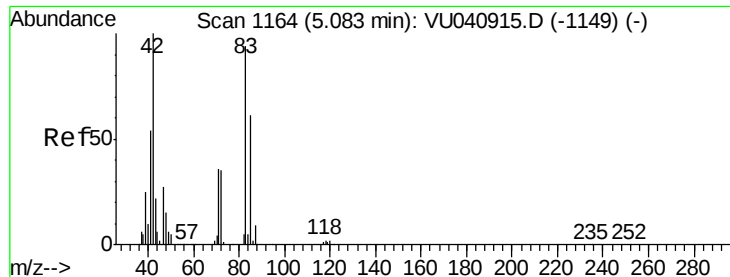
Ion 55.00 (54.70 to 55.70): VU0

Ion 85.00 (84.70 to 85.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 42.00 (41.70 to 42.70): VU0





#41

Tetrahydrofuran

Concen: 3.881 ug/l

RT: 5.09 min Scan# 1167

Delta R.T. 0.01 min

Lab File: VU040922.D

Acq: 23 Oct 2020 00:51

Instrument :

MSVOA_U

ClientSampleId :

VU1022WBS01

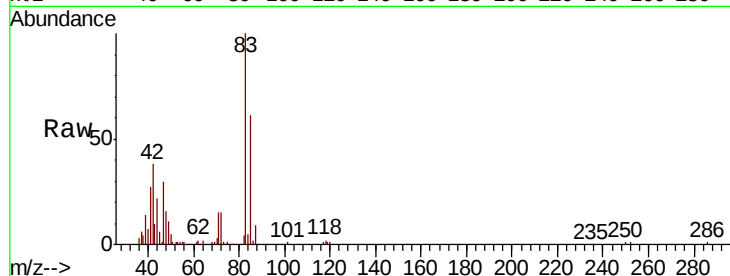
Tot Ion: 42 Resp: 18578

Ion Ratio Lower Upper

42 100

72 40.2 30.1 45.1

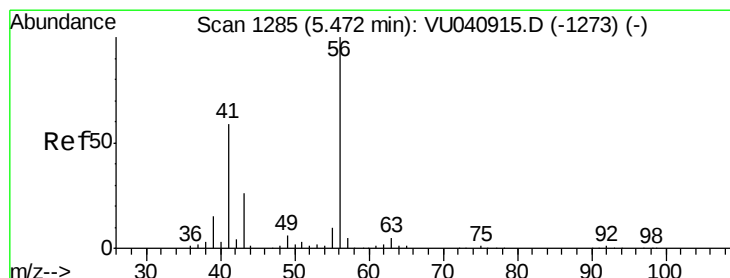
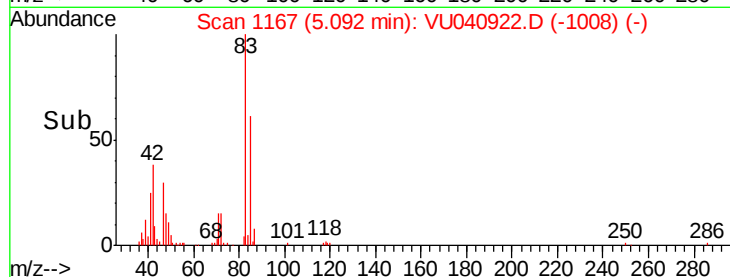
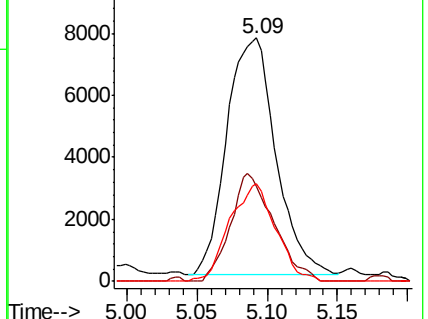
71 38.5 27.9 41.9



Abundance Ion 42.00 (41.70 to 42.70): VU040922.D (-1167) (-)

Ion 72.00 (71.70 to 72.70): VU040922.D (-1167) (-)

Ion 71.00 (70.70 to 71.70): VU040922.D (-1167) (-)



#42

1-Chlorobutane

Concen: 1.955 ug/l

RT: 5.47 min Scan# 1285

Delta R.T. 0.00 min

Lab File: VU040922.D

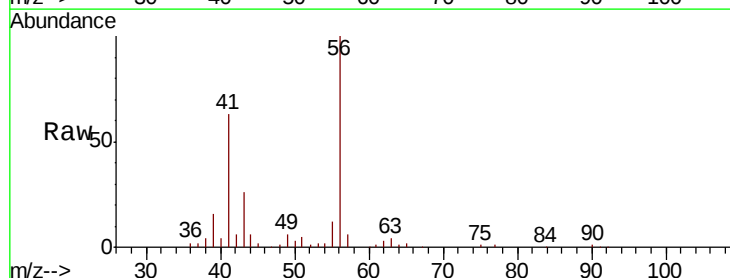
Acq: 23 Oct 2020 00:51

Tgt Ion: 56 Resp: 74810

Ion Ratio Lower Upper

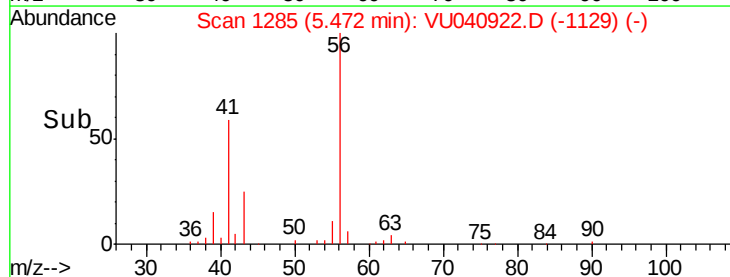
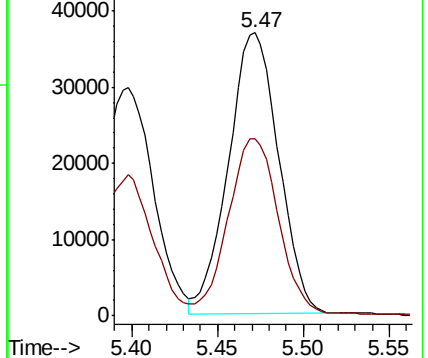
56 100

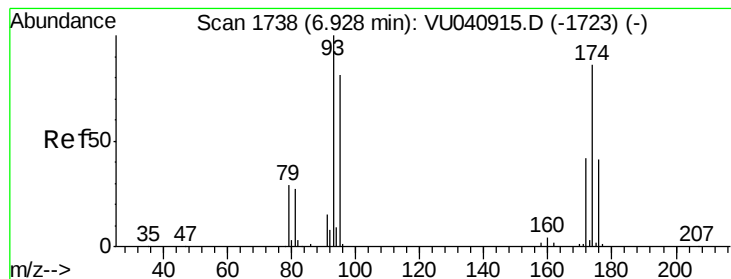
41 61.7 29.6 88.8



Abundance Ion 56.00 (55.70 to 56.70): VU040922.D (-1285) (-)

Ion 41.00 (40.70 to 41.70): VU040922.D (-1285) (-)





#43

Dibromomethane

Concen: 2.063 ug/l

RT: 6.93 min Scan# 1739

Delta R.T. 0.00 min

Lab File: VU040922.D

Acq: 23 Oct 2020 00:51

Instrument :

MSVOA_U

ClientSampleId :

VU1022WBS01

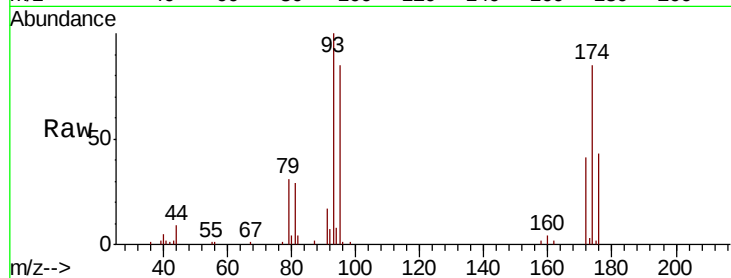
Tot Ion: 93 Resp: 23013

Ion Ratio Lower Upper

93 100

95 80.7 66.3 99.5

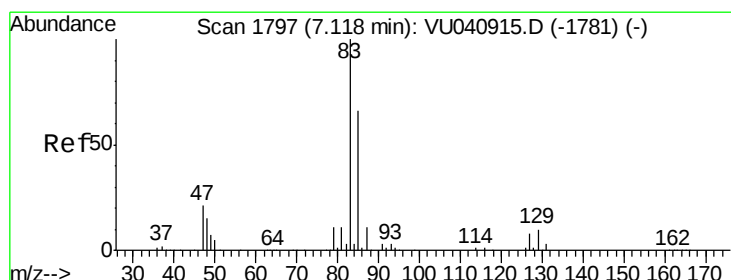
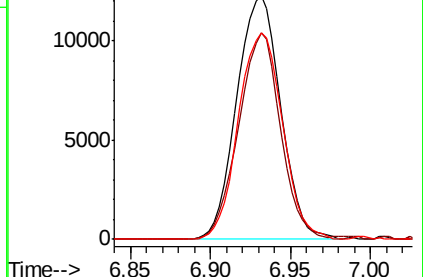
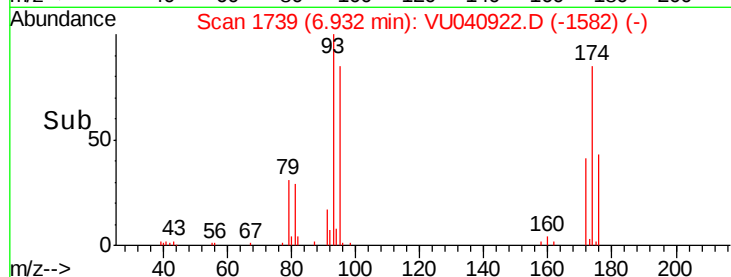
174 85.4 70.4 105.6



Abundance Ion 93.00 (92.70 to 93.70): VU040922.D (-1582) (-)

Ion 95.00 (94.70 to 95.70): VU040922.D (-1582) (-)

Ion 174.00 (173.70 to 174.70): VU040922.D (-1582) (-)



#44

Bromodichloromethane

Concen: 2.065 ug/l

RT: 7.12 min Scan# 1797

Delta R.T. 0.00 min

Lab File: VU040922.D

Acq: 23 Oct 2020 00:51

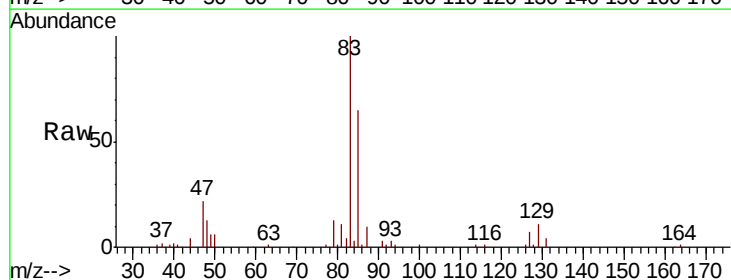
Tgt Ion: 83 Resp: 53500

Ion Ratio Lower Upper

83 100

85 65.2 52.6 78.8

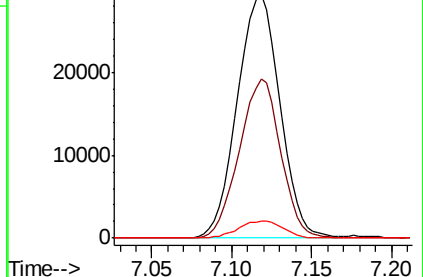
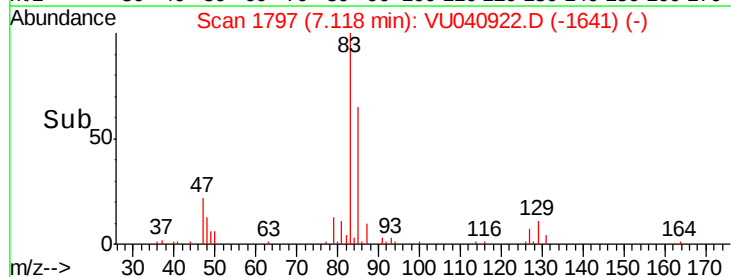
127 6.9 6.4 9.6

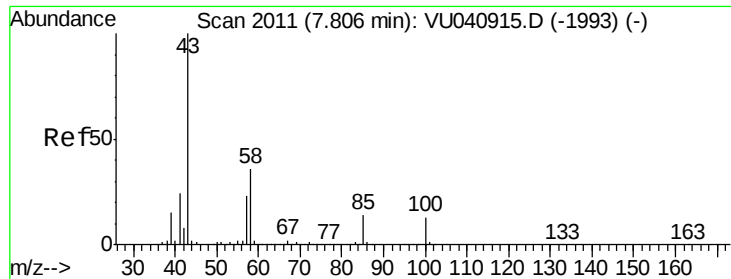


Abundance Ion 83.00 (82.70 to 83.70): VU040922.D (-1641) (-)

Ion 85.00 (84.70 to 85.70): VU040922.D (-1641) (-)

Ion 127.00 (126.70 to 127.70): VU040922.D (-1641) (-)

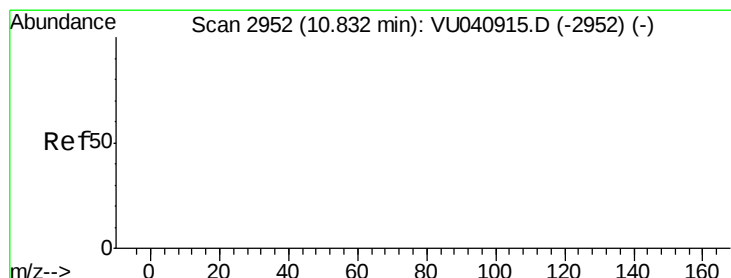
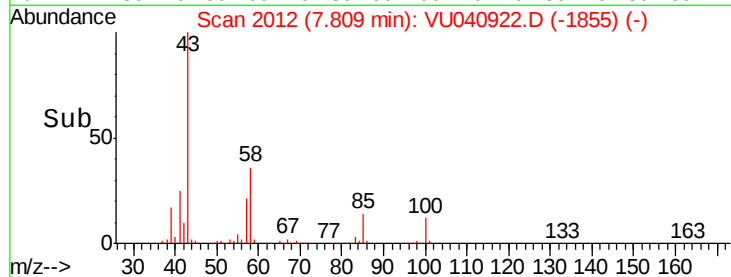
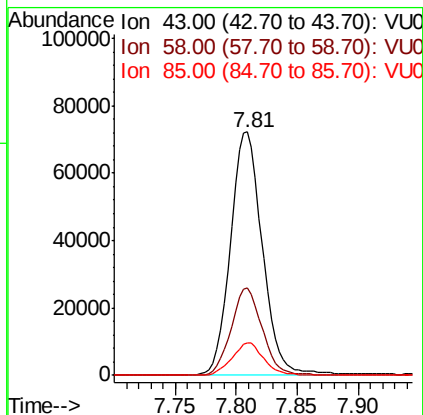
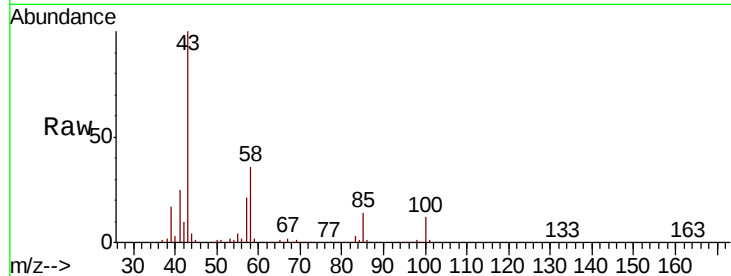




#45
4-Methyl-2-Pentanone
Concen: 8.992 ug/l
RT: 7.81 min Scan# 2012
Delta R.T. 0.00 min
Lab File: VU040922.D
Acq: 23 Oct 2020 00:51

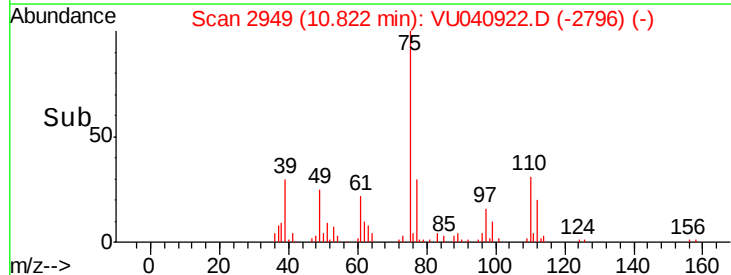
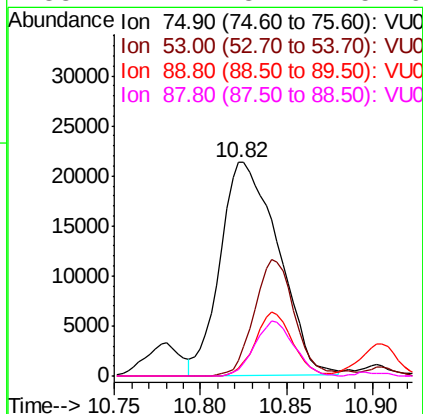
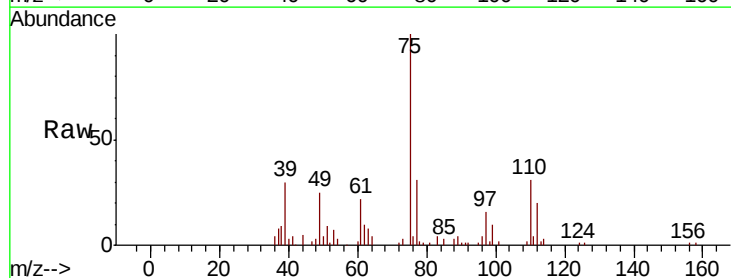
Instrument :
MSVOA_U
ClientSampleId :
VU1022WBS01

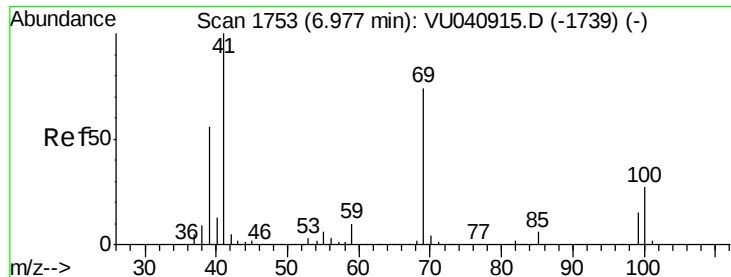
Tot Ion: 43 Resp: 131712
Ion Ratio Lower Upper
43 100
58 34.9 17.8 53.5
85 13.2 11.4 17.2



#46
t-1,4-Dichloro-2-butene
Concen: 8.630 ug/l
RT: 10.82 min Scan# 2949
Delta R.T. -0.01 min
Lab File: VU040922.D
Acq: 23 Oct 2020 00:51

Tgt Ion: 75 Resp: 49989
Ion Ratio Lower Upper
75 100
53 37.8 73.0 109.4#
89 19.2 41.7 62.5#
88 17.4 34.4 51.6#

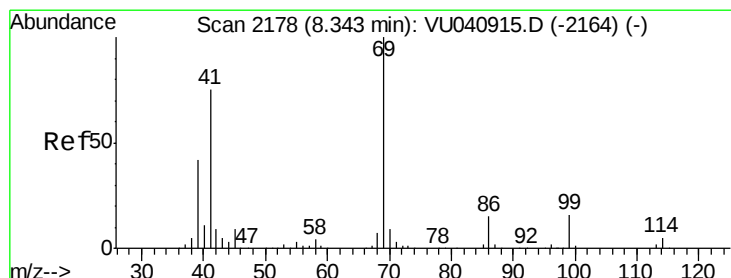
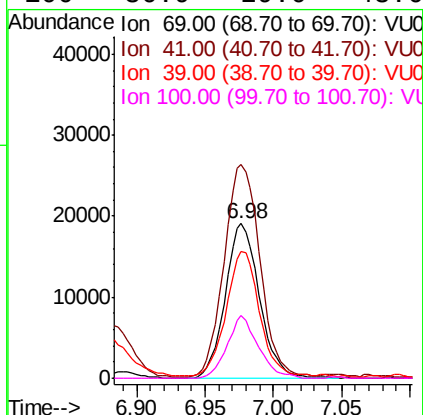
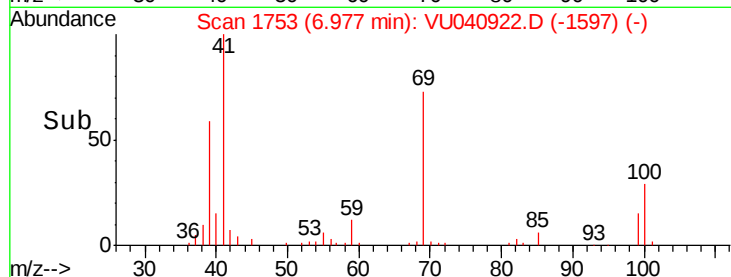
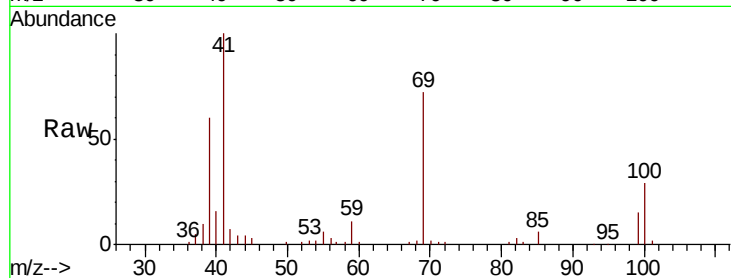




#47
Methyl methacrylate
Concen: 3.554 ug/l
RT: 6.98 min Scan# 1753
Delta R.T. 0.00 min
Lab File: VU040922.D
Acq: 23 Oct 2020 00:51

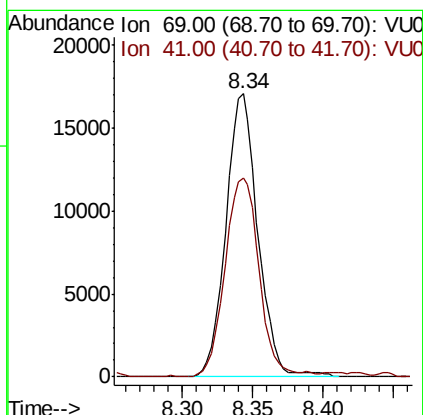
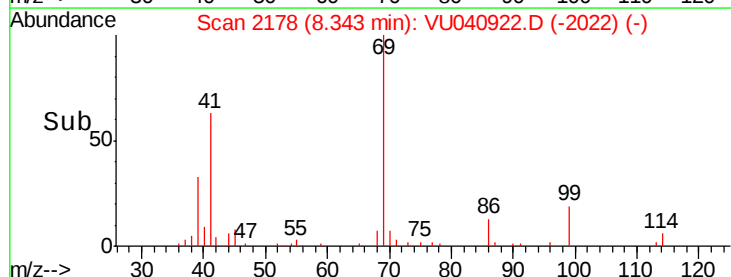
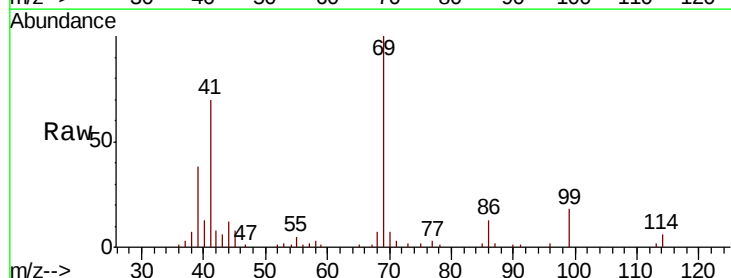
Instrument :
MSVOA_U
ClientSampleId :
VU1022WBS01

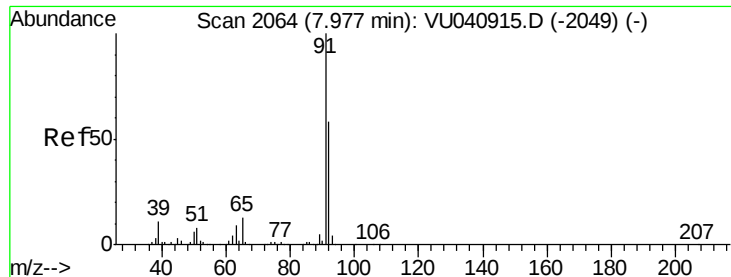
Tot Ion: 69 Resp: 33111
Ion Ratio Lower Upper
69 100
41 143.7 0.0 270.2
39 77.7 61.6 92.4
100 36.9 29.0 43.6



#48
Ethyl methacrylate
Concen: 1.724 ug/l
RT: 8.34 min Scan# 2178
Delta R.T. 0.00 min
Lab File: VU040922.D
Acq: 23 Oct 2020 00:51

Tgt Ion: 69 Resp: 27016
Ion Ratio Lower Upper
69 100
41 75.2 37.6 112.9





#49

Toluene

Concen: 1.866 ug/l

RT: 7.98 min Scan# 2064

Delta R.T. 0.00 min

Lab File: VU040922.D

Acq: 23 Oct 2020 00:51

Instrument :

MSVOA_U

ClientSampleId :

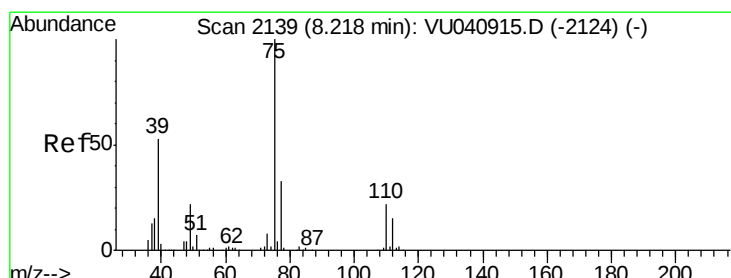
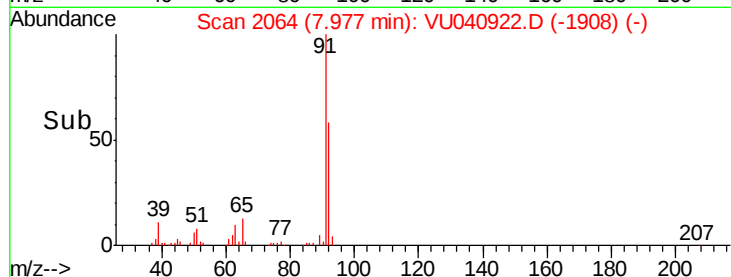
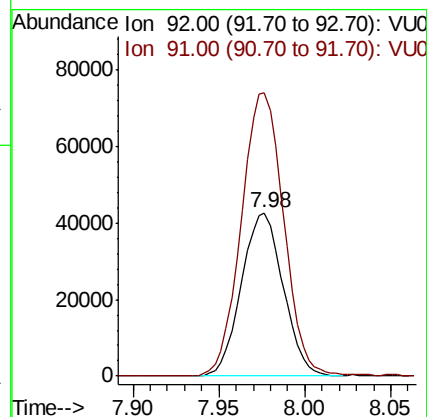
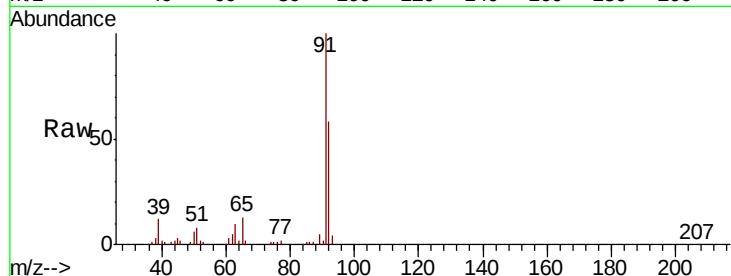
VU1022WBS01

Tot Ion: 92 Resp: 72025

Ion Ratio Lower Upper

92 100

91 176.3 136.8 205.2



#50

t-1,3-Dichloropropene

Concen: 1.859 ug/l

RT: 8.22 min Scan# 2139

Delta R.T. 0.00 min

Lab File: VU040922.D

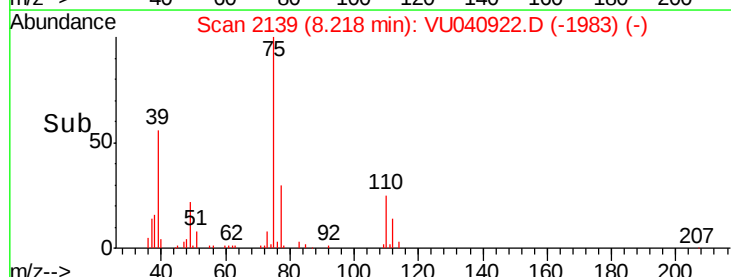
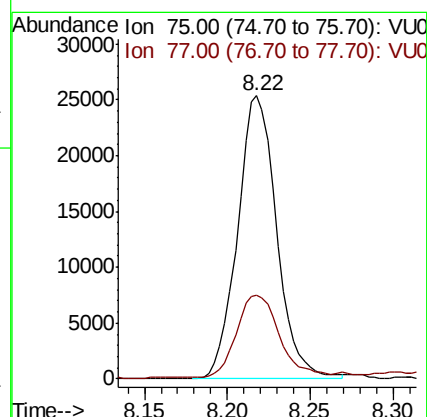
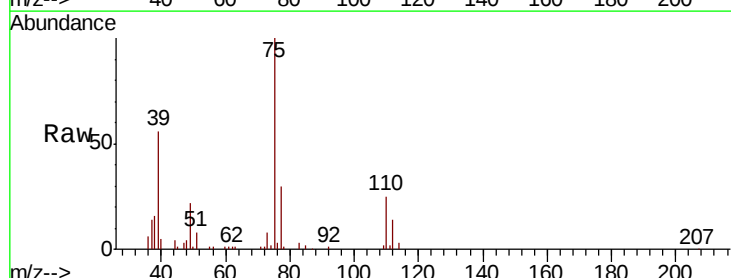
Acq: 23 Oct 2020 00:51

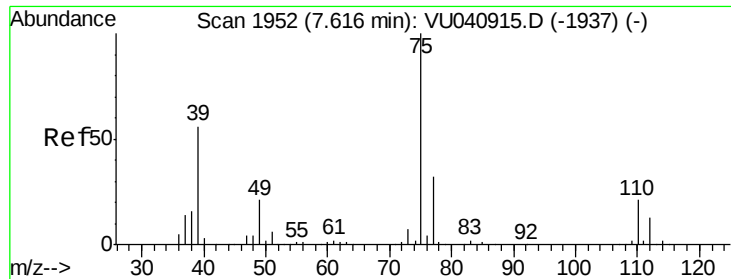
Tgt Ion: 75 Resp: 41623

Ion Ratio Lower Upper

75 100

77 29.0 26.2 39.4



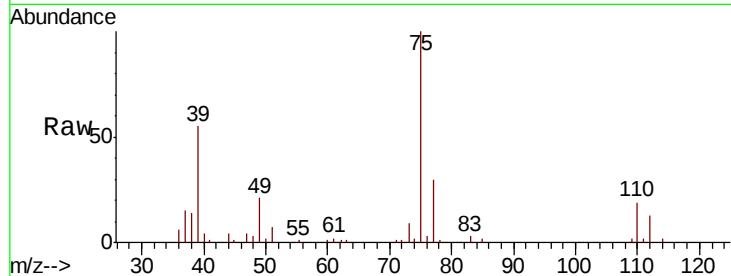


#51

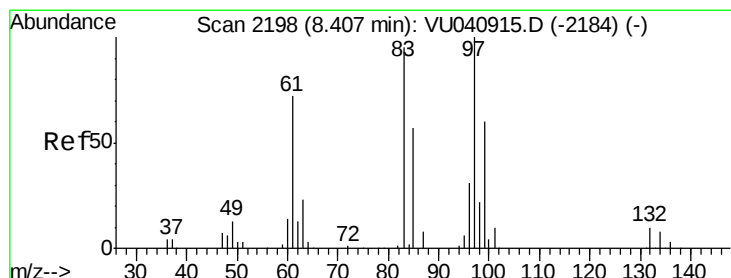
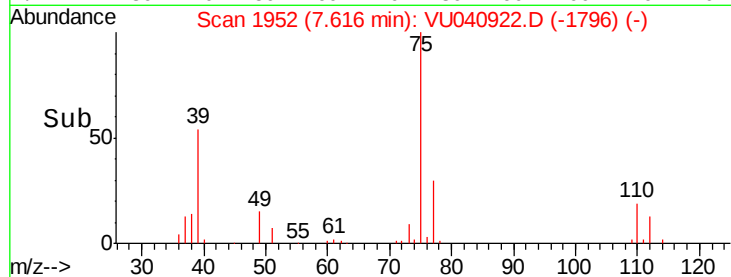
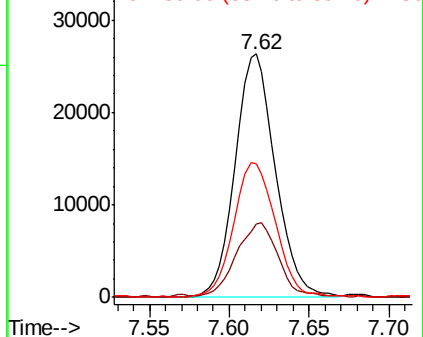
cis-1,3-Dichloropropene
 Concen: 1.842 ug/l
 RT: 7.62 min Scan# 1952
 Delta R.T. 0.00 min
 Lab File: VU040922.D
 Acq: 23 Oct 2020 00:51

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1022WBS01

Tot Ion: 75 Resp: 45188
 Ion Ratio Lower Upper
 75 100
 77 29.5 25.4 38.0
 39 54.5 44.7 67.1



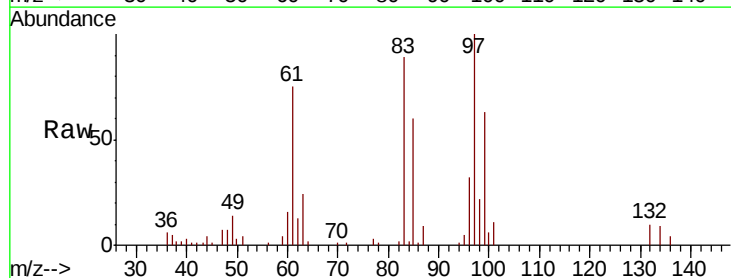
Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 77.00 (76.70 to 77.70): VU0
 Ion 39.00 (38.70 to 39.70): VU0



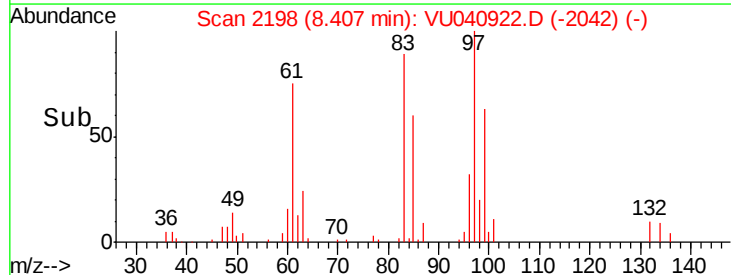
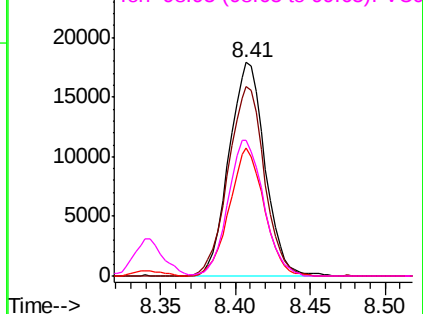
#52

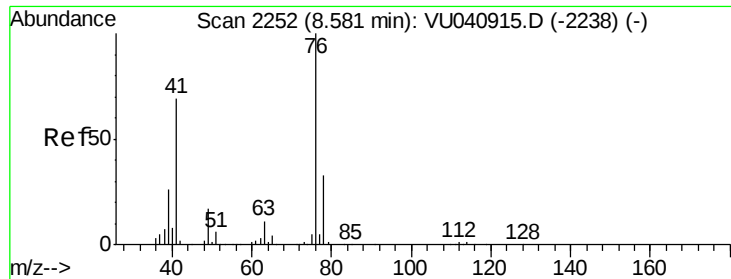
1,1,2-Trichloroethane
 Concen: 2.118 ug/l
 RT: 8.41 min Scan# 2198
 Delta R.T. 0.00 min
 Lab File: VU040922.D
 Acq: 23 Oct 2020 00:51

Tgt Ion: 97 Resp: 29879
 Ion Ratio Lower Upper
 97 100
 83 88.7 75.9 113.9
 85 60.0 46.1 69.1
 99 63.3 50.0 75.0



Abundance Ion 97.00 (96.70 to 97.70): VU0
 Ion 82.95 (82.65 to 83.65): VU0
 Ion 84.95 (84.65 to 85.65): VU0
 Ion 98.95 (98.65 to 99.65): VU0

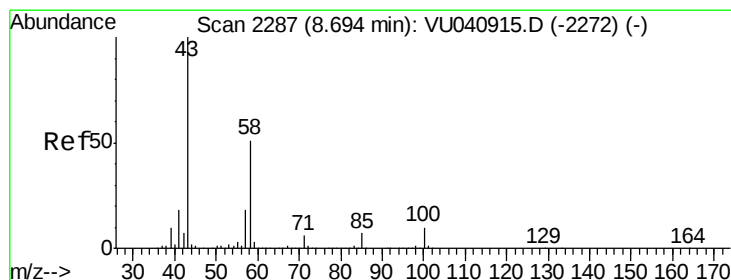
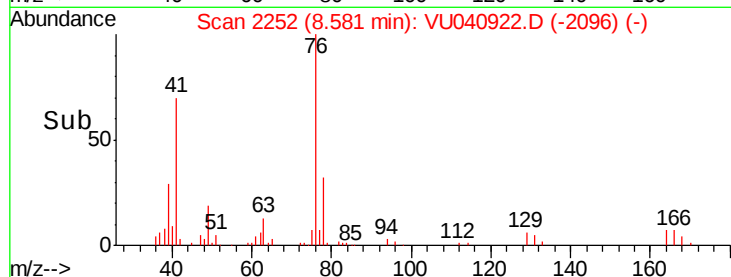
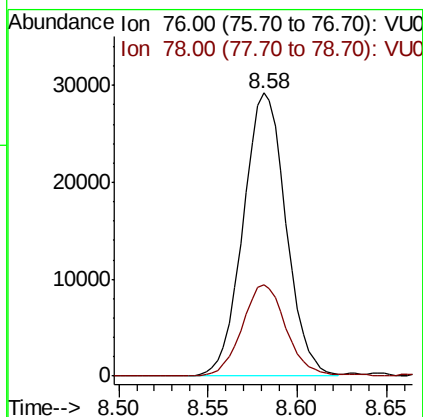
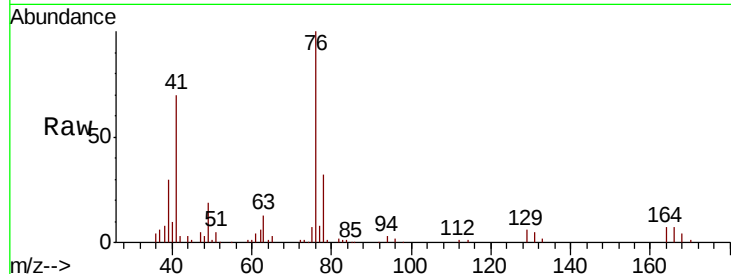




#53
 1,3-Dichloropropane
 Concen: 1.934 ug/l
 RT: 8.58 min Scan# 2252
 Delta R.T. 0.00 min
 Lab File: VU040922.D
 Acq: 23 Oct 2020 00:51

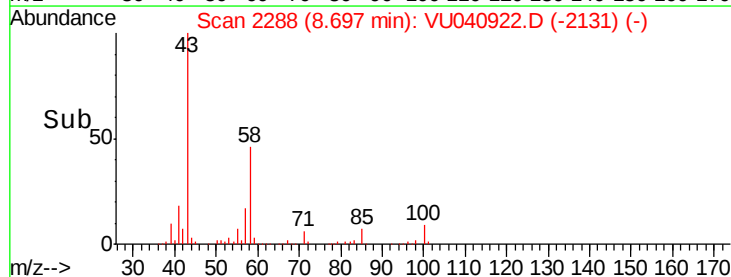
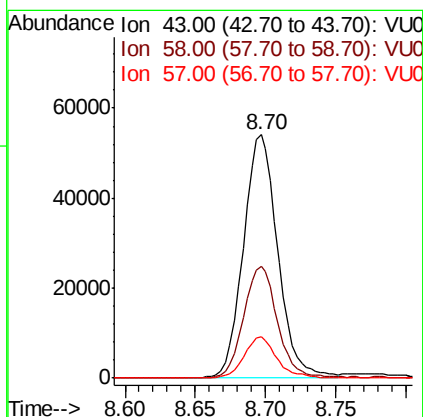
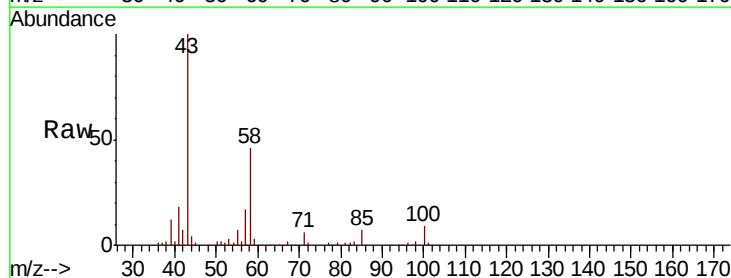
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1022WBS01

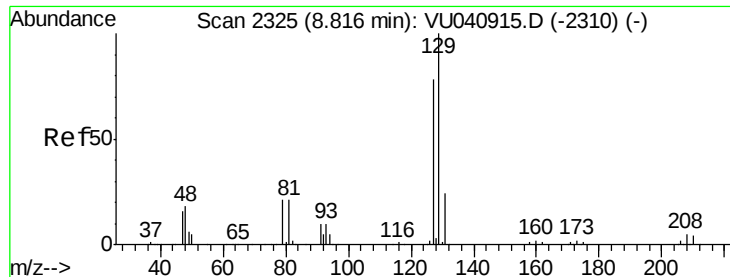
Tot Ion: 76 Resp: 48980
 Ion Ratio Lower Upper
 76 100
 78 33.1 26.6 39.8



#54
 2-Hexanone
 Concen: 9.069 ug/l
 RT: 8.70 min Scan# 2288
 Delta R.T. 0.00 min
 Lab File: VU040922.D
 Acq: 23 Oct 2020 00:51

Tgt Ion: 43 Resp: 92805
 Ion Ratio Lower Upper
 43 100
 58 45.1 30.2 70.2
 57 16.0 0.0 37.4

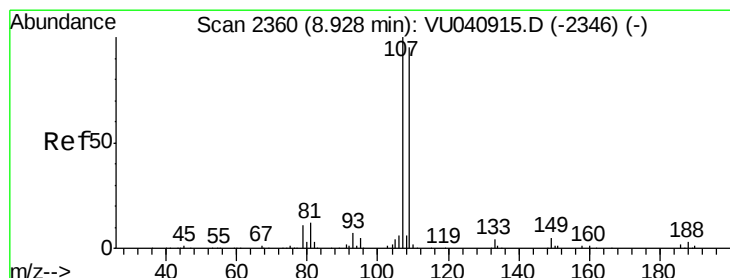
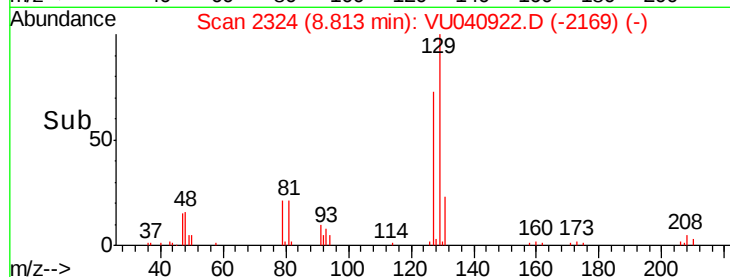
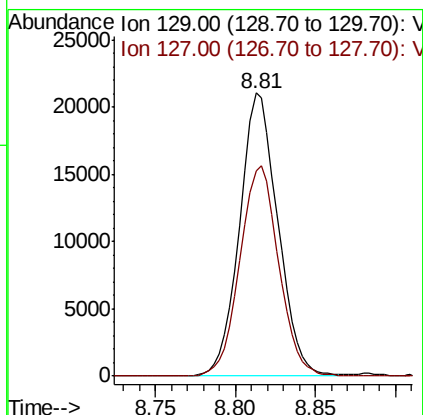
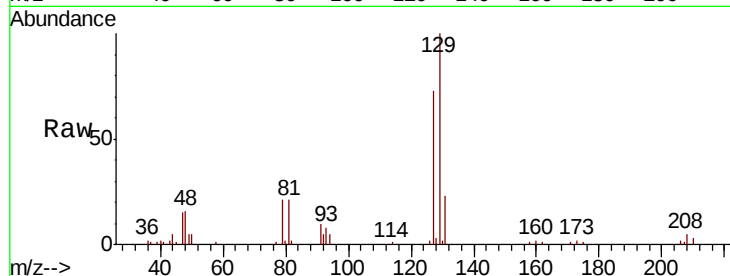




#55
 Dibromochloromethane
 Concen: 2.027 ug/l
 RT: 8.81 min Scan# 2324
 Delta R.T. -0.00 min
 Lab File: VU040922.D
 Acq: 23 Oct 2020 00:51

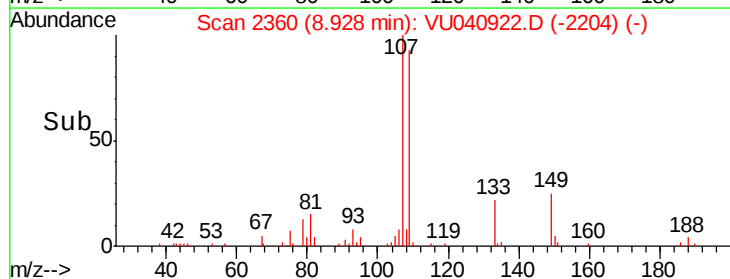
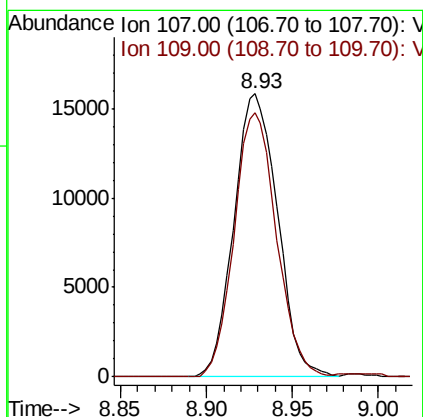
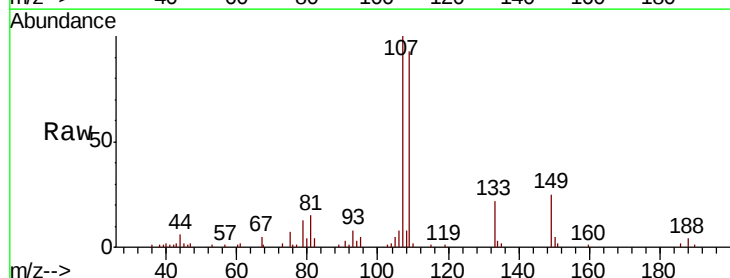
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1022WBS01

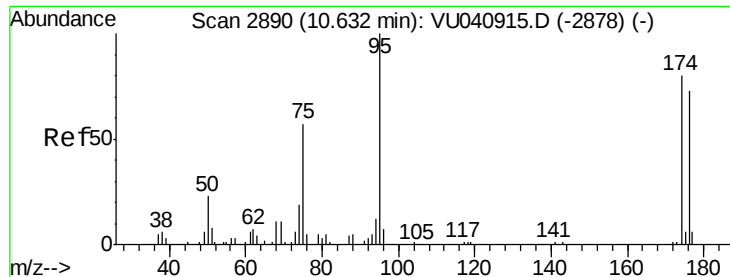
Tot Ion:129 Resp: 34282
 Ion Ratio Lower Upper
 129 100
 127 75.5 63.1 94.7



#56
 1,2-Dibromoethane
 Concen: 2.126 ug/l
 RT: 8.93 min Scan# 2360
 Delta R.T. 0.00 min
 Lab File: VU040922.D
 Acq: 23 Oct 2020 00:51

Tgt Ion:107 Resp: 27813
 Ion Ratio Lower Upper
 107 100
 109 90.5 0.0 190.4

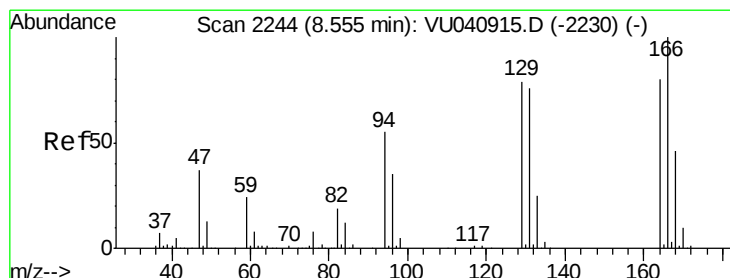
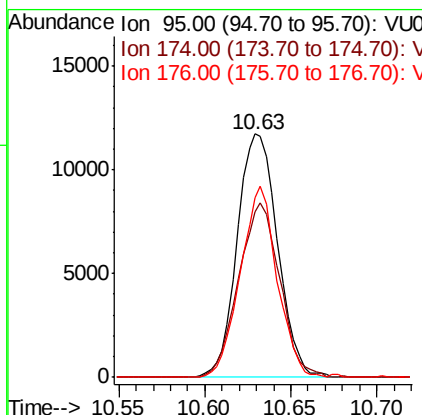
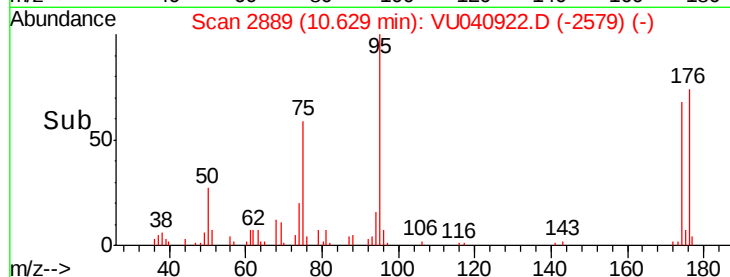
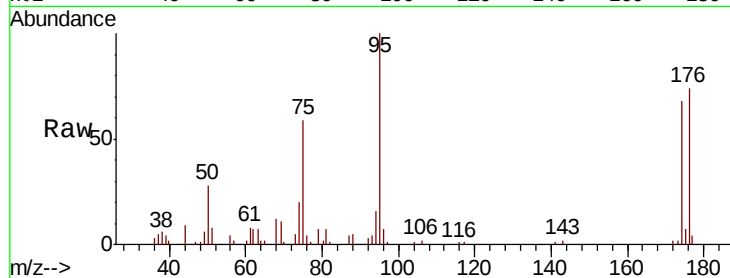




#57
4-Bromofluorobenzene
Concen: 0.956 ug/l
RT: 10.63 min Scan# 2889
Delta R.T. -0.00 min
Lab File: VU040922.D
Acq: 23 Oct 2020 00:51

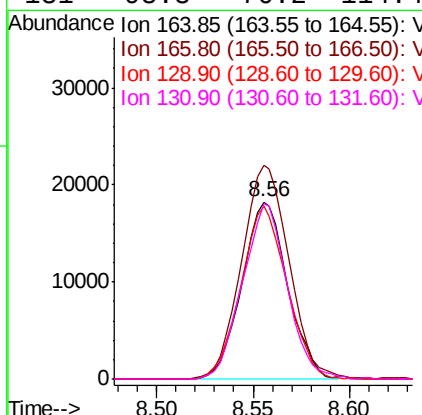
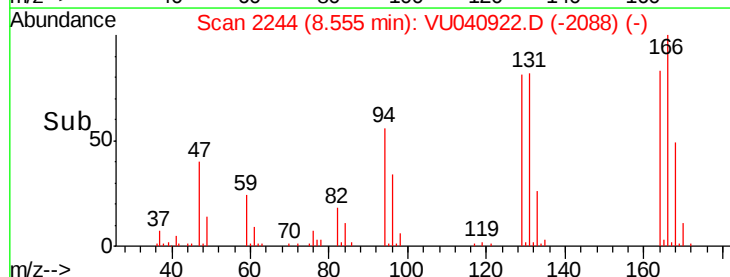
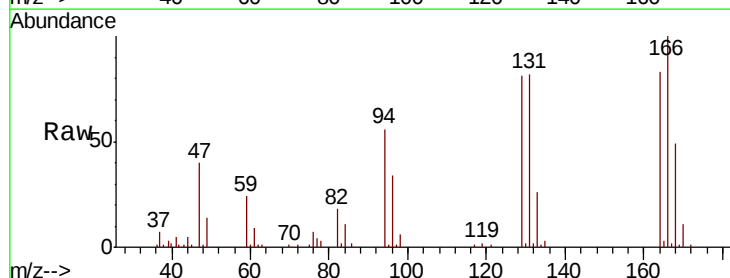
Instrument :
MSVOA_U
ClientSampleId :
VU1022WBS01

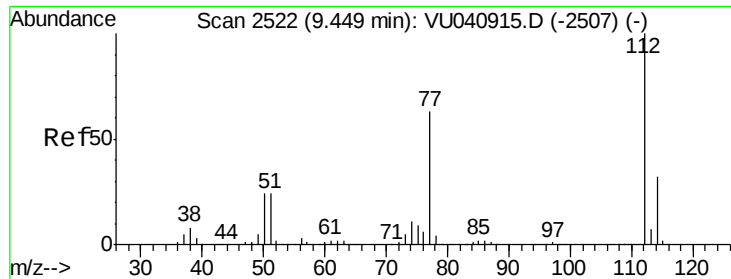
Tot Ion: 95 Resp: 19100
Ion Ratio Lower Upper
95 100
174 73.1 60.3 90.5
176 71.6 55.6 83.4



#58
Tetrachloroethene
Concen: 1.927 ug/l
RT: 8.56 min Scan# 2244
Delta R.T. 0.00 min
Lab File: VU040922.D
Acq: 23 Oct 2020 00:51

Tgt Ion: 164 Resp: 29885
Ion Ratio Lower Upper
164 100
166 120.5 100.3 150.5
129 97.2 79.4 119.0
131 98.8 76.2 114.4

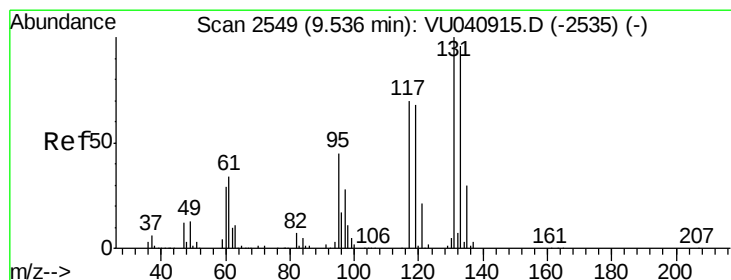
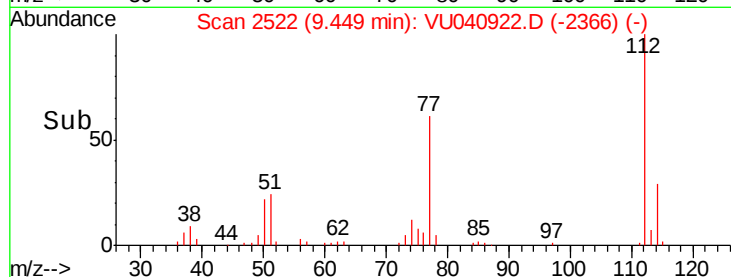
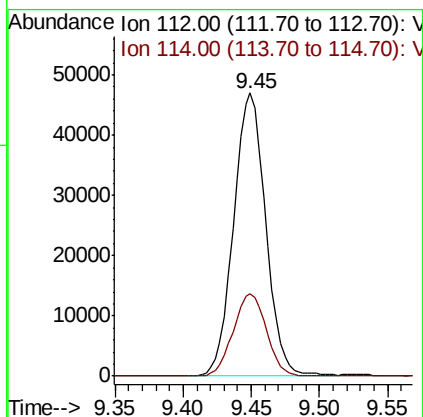
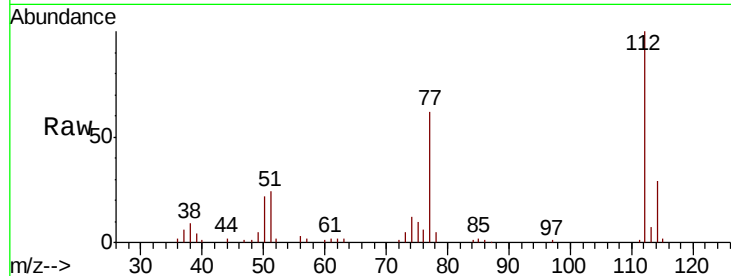




#59
Chlorobenzene
Concen: 1.880 ug/l
RT: 9.45 min Scan# 2522
Delta R.T. 0.00 min
Lab File: VU040922.D
Acq: 23 Oct 2020 00:51

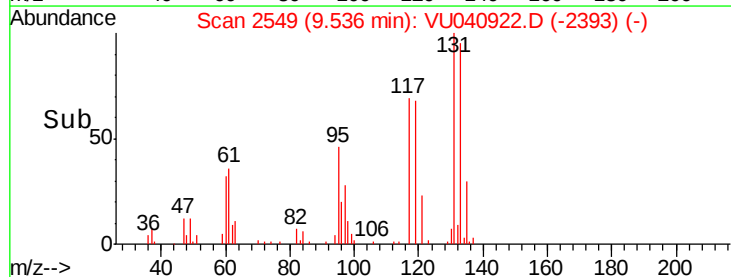
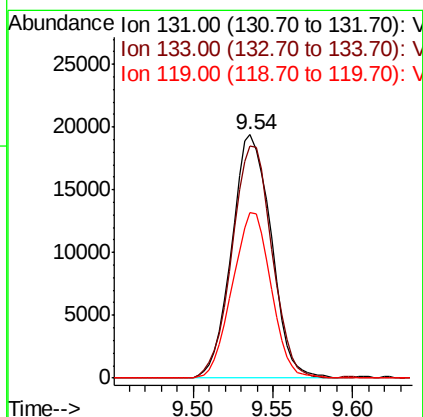
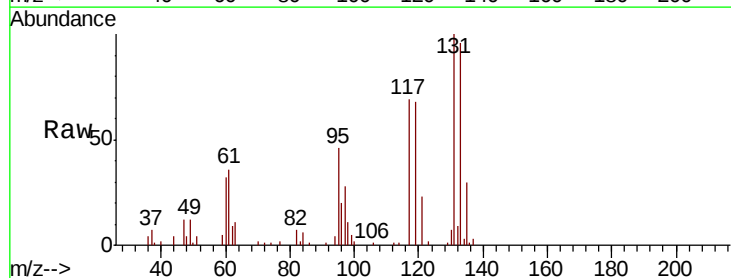
Instrument :
MSVOA_U
ClientSampleId :
VU1022WBS01

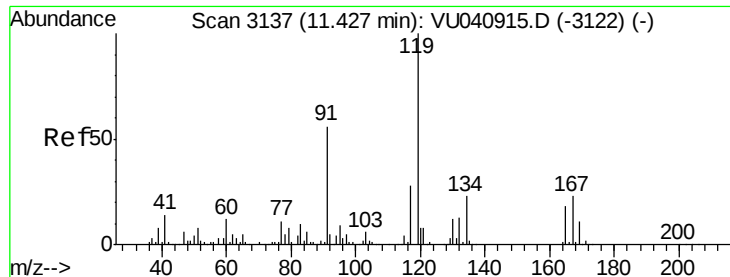
Tot Ion:112 Resp: 76817
Ion Ratio Lower Upper
112 100
114 29.1 25.8 38.8



#60
1,1,1,2-Tetrachloroethane
Concen: 2.031 ug/l
RT: 9.54 min Scan# 2549
Delta R.T. 0.00 min
Lab File: VU040922.D
Acq: 23 Oct 2020 00:51

Tgt Ion:131 Resp: 32601
Ion Ratio Lower Upper
131 100
133 96.2 77.4 116.0
119 66.7 53.5 80.3

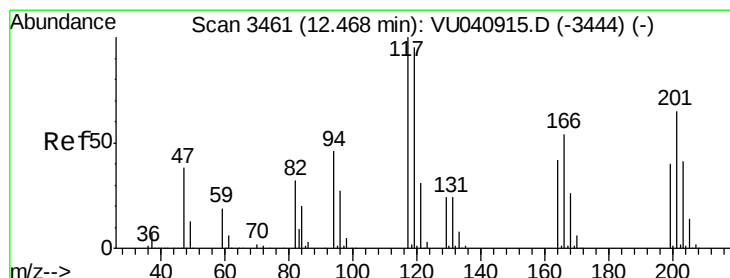
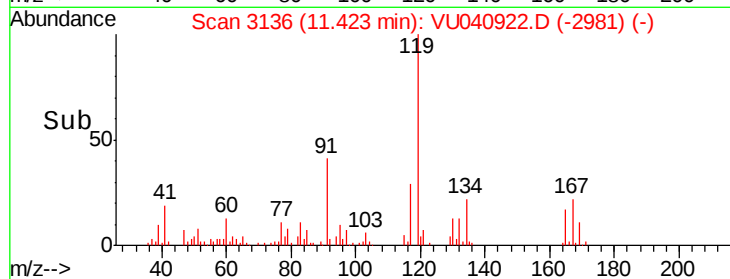
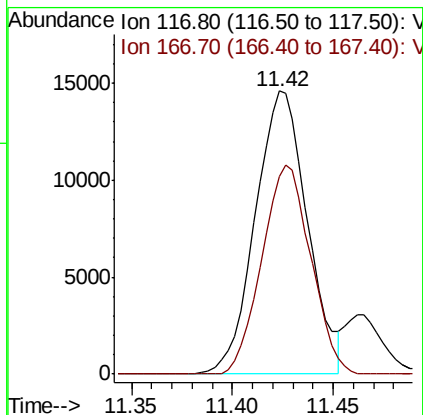
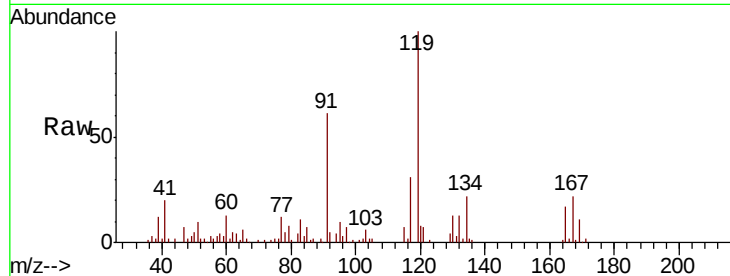




#61
 Pentachloroethane
 Concen: 2.025 ug/l
 RT: 11.42 min Scan# 3136
 Delta R.T. -0.00 min
 Lab File: VU040922.D
 Acq: 23 Oct 2020 00:51

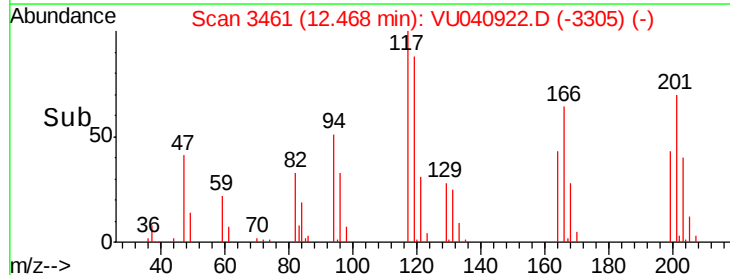
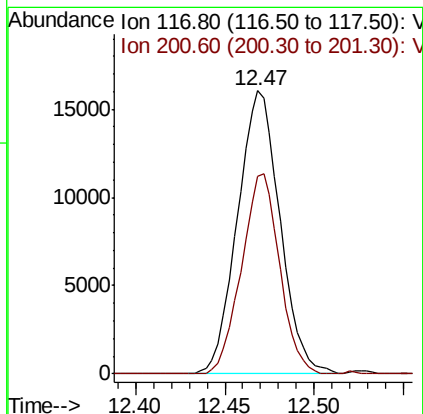
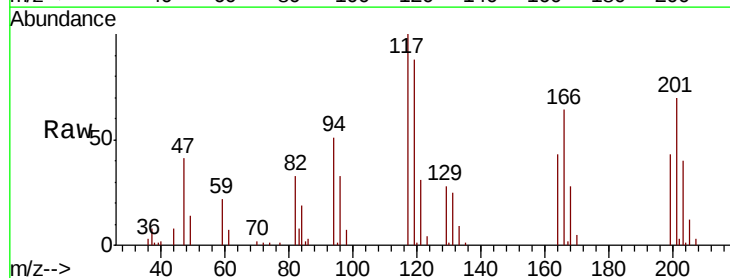
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1022WBS01

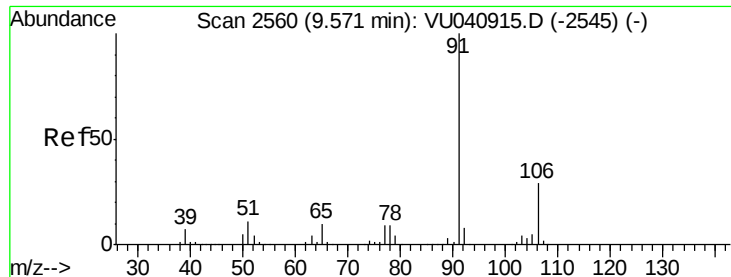
Tot Ion:117 Resp: 26250
 Ion Ratio Lower Upper
 117 100
 167 69.0 59.4 89.2



#62
 Hexachloroethane
 Concen: 2.022 ug/l
 RT: 12.47 min Scan# 3461
 Delta R.T. 0.00 min
 Lab File: VU040922.D
 Acq: 23 Oct 2020 00:51

Tgt Ion:117 Resp: 26682
 Ion Ratio Lower Upper
 117 100
 201 63.4 52.6 78.8

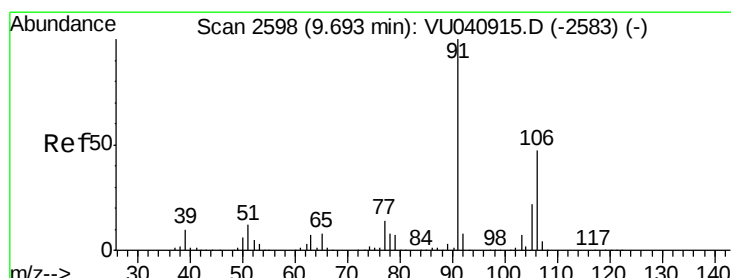
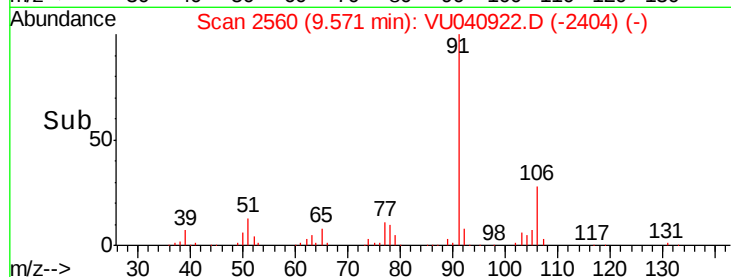
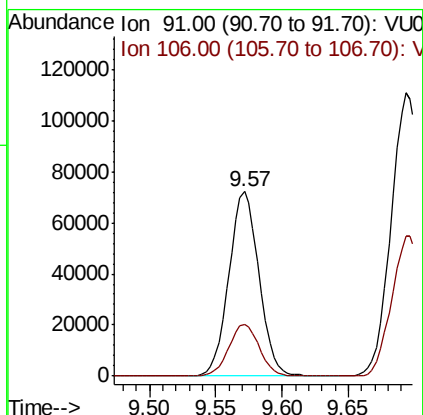
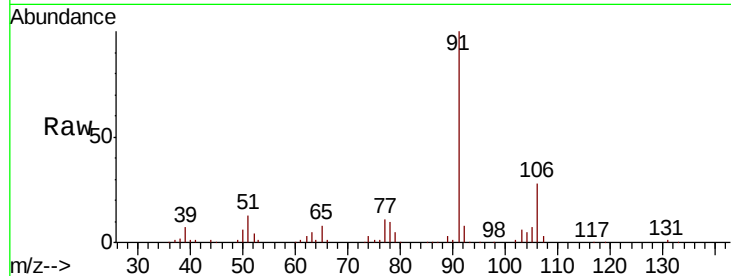




#63
Ethyl Benzene
Concen: 1.686 ug/l
RT: 9.57 min Scan# 2560
Delta R.T. 0.00 min
Lab File: VU040922.D
Acq: 23 Oct 2020 00:51

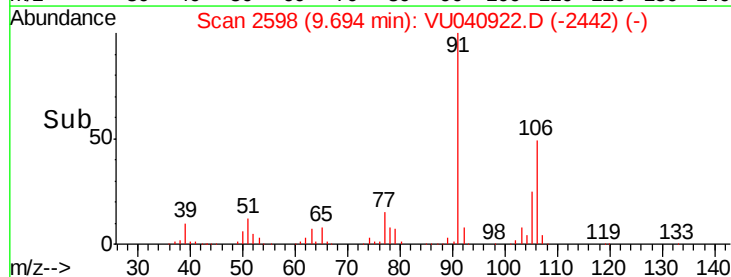
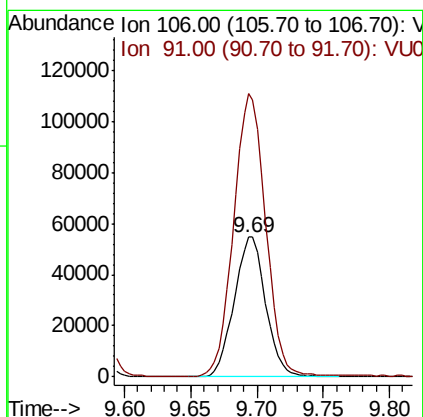
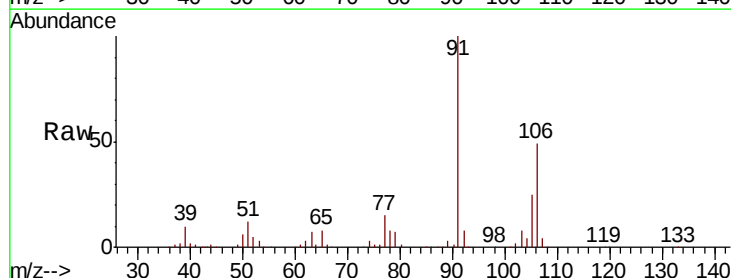
Instrument :
MSVOA_U
ClientSampleId :
VU1022WBS01

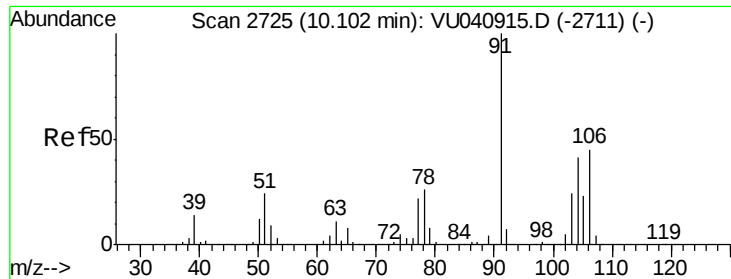
Tot Ion: 91 Resp: 114066
Ion Ratio Lower Upper
91 100
106 28.0 23.5 35.3



#64
m/p-Xylenes
Concen: 3.392 ug/l
RT: 9.69 min Scan# 2598
Delta R.T. 0.00 min
Lab File: VU040922.D
Acq: 23 Oct 2020 00:51

Tgt Ion: 106 Resp: 90614
Ion Ratio Lower Upper
106 100
91 203.5 168.3 252.5

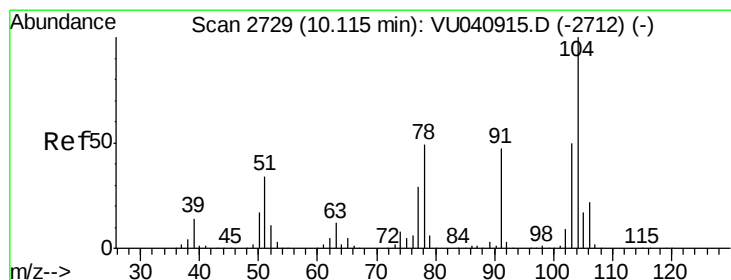
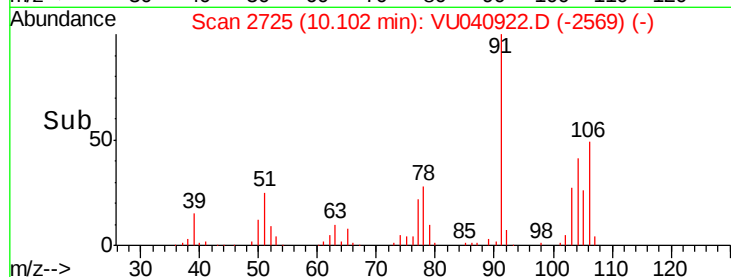
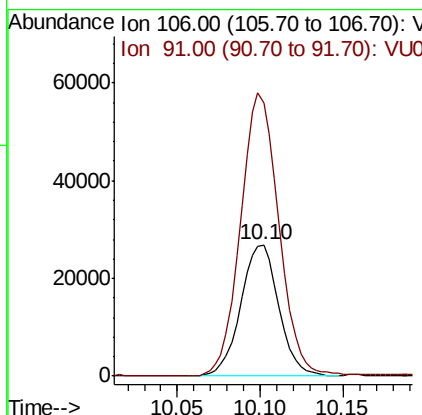
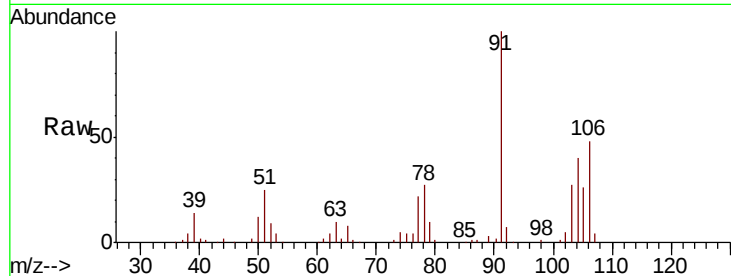




#65
o-Xylene
Concen: 1.804 ug/l
RT: 10.10 min Scan# 2725
Delta R.T. 0.00 min
Lab File: VU040922.D
Acq: 23 Oct 2020 00:51

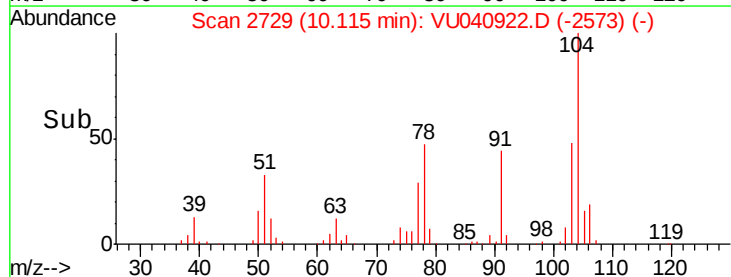
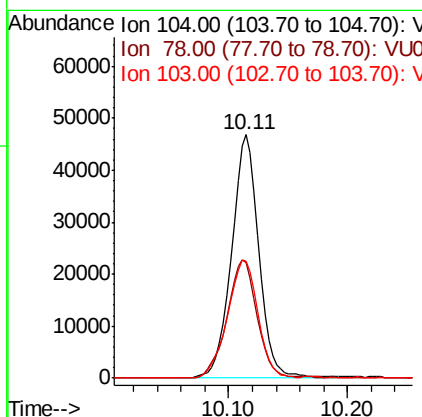
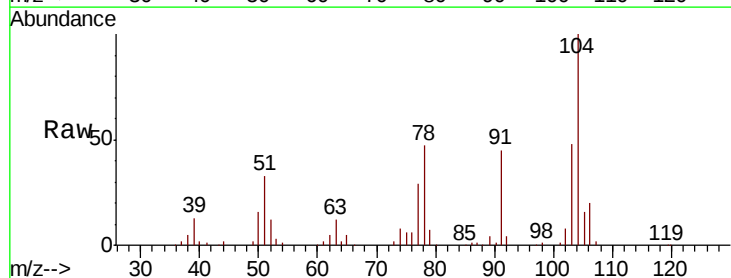
Instrument :
MSVOA_U
ClientSampleId :
VU1022WBS01

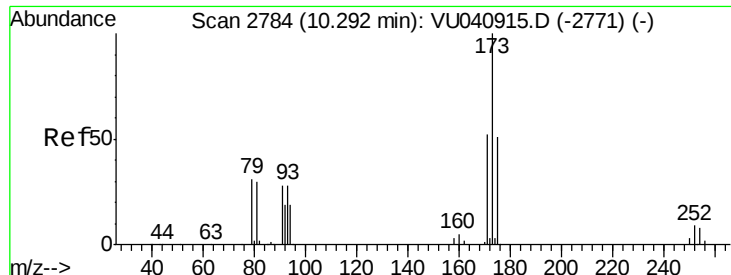
Tot Ion:106 Resp: 42873
Ion Ratio Lower Upper
106 100
91 217.3 111.3 333.9



#66
Styrene
Concen: 1.723 ug/l
RT: 10.11 min Scan# 2729
Delta R.T. 0.00 min
Lab File: VU040922.D
Acq: 23 Oct 2020 00:51

Tgt Ion:104 Resp: 74214
Ion Ratio Lower Upper
104 100
78 53.4 43.4 65.0
103 54.2 43.1 64.7





#67

Bromoform

Concen: 2.012 ug/l

RT: 10.29 min Scan# 2784

Delta R.T. 0.00 min

Lab File: VU040922.D

Acq: 23 Oct 2020 00:51

Instrument :

MSVOA_U

ClientSampleId :

VU1022WBS01

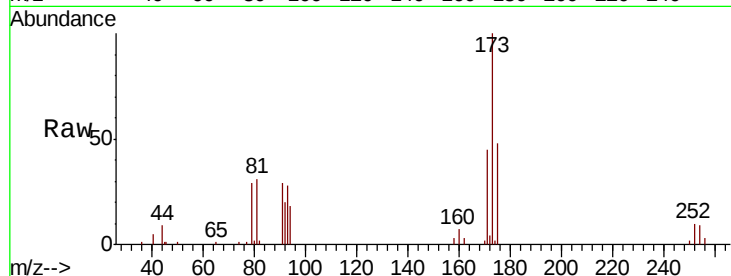
Tot Ion:173 Resp: 18420

Ion Ratio Lower Upper

173 100

175 46.7 39.0 58.4

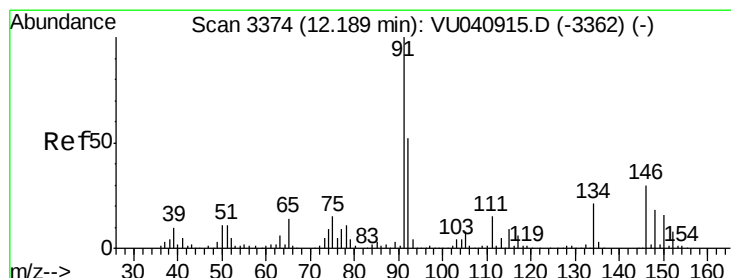
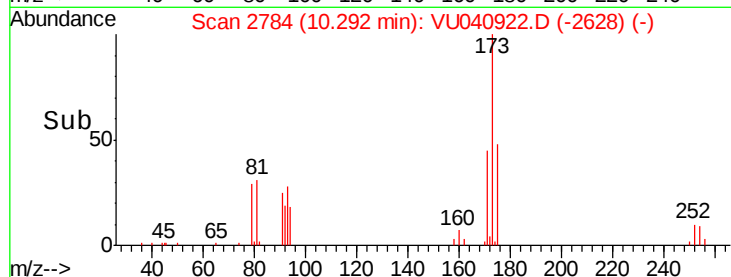
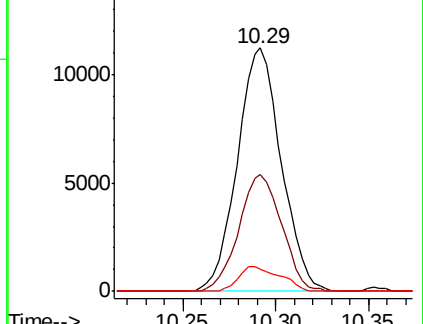
254 9.6 6.6 9.8



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: 0.953 ug/l

RT: 12.19 min Scan# 3373

Delta R.T. -0.00 min

Lab File: VU040922.D

Acq: 23 Oct 2020 00:51

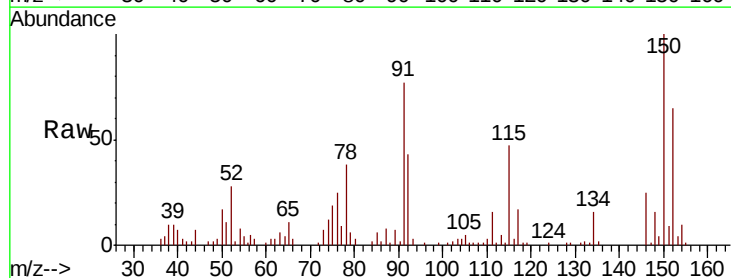
Tgt Ion:152 Resp: 19859

Ion Ratio Lower Upper

152 100

115 94.0 0.0 323.4

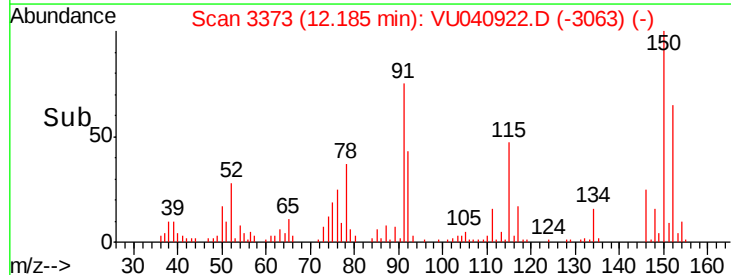
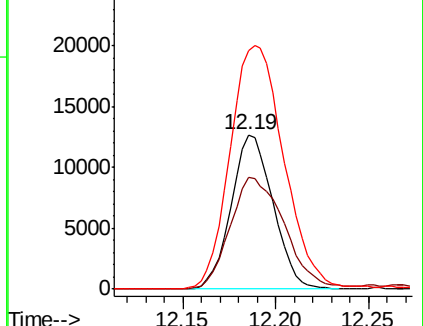
150 202.4 0.0 653.8

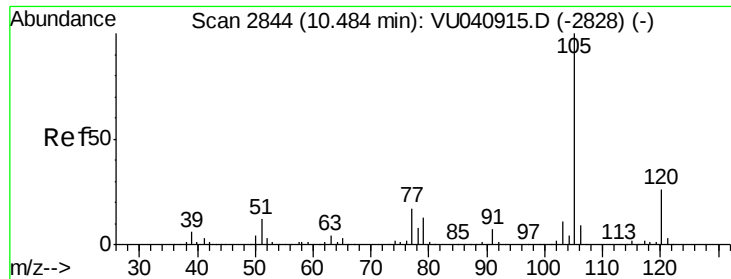


Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V





#69

Isopropylbenzene

Concen: 1.689 ug/l

RT: 10.48 min Scan# 2843

Delta R.T. -0.00 min

Lab File: VU040922.D

Acq: 23 Oct 2020 00:51

Instrument :

MSVOA_U

ClientSampleId :

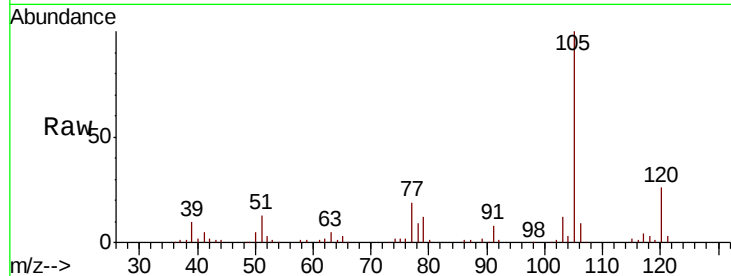
VU1022WBS01

Tot Ion:105 Resp: 107036

Ion Ratio Lower Upper

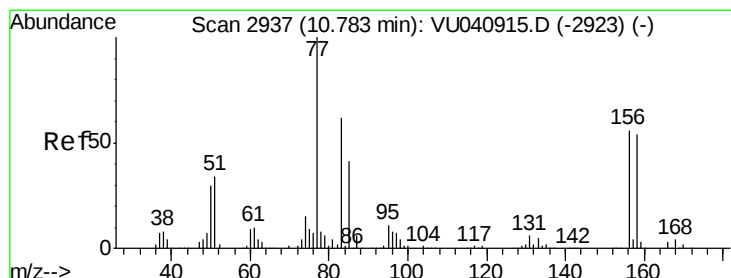
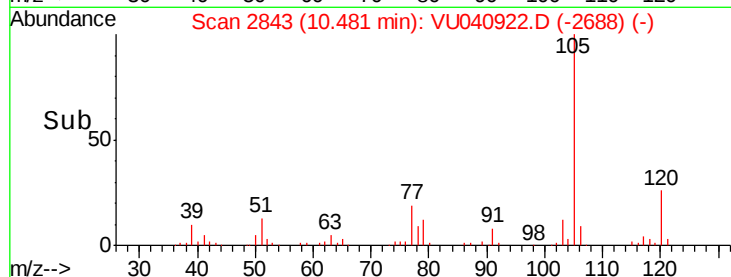
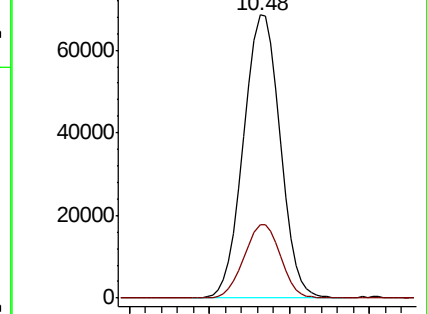
105 100

120 25.8 12.9 38.6



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: 1.991 ug/l

RT: 10.78 min Scan# 2936

Delta R.T. -0.00 min

Lab File: VU040922.D

Acq: 23 Oct 2020 00:51

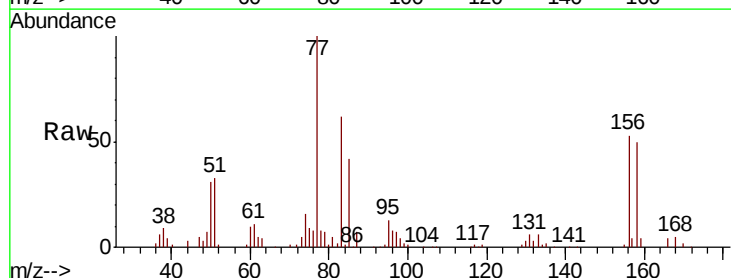
Tgt Ion: 83 Resp: 38206

Ion Ratio Lower Upper

83 100

131 9.5 7.1 10.7

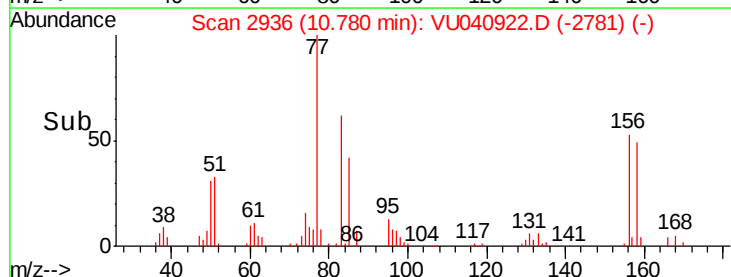
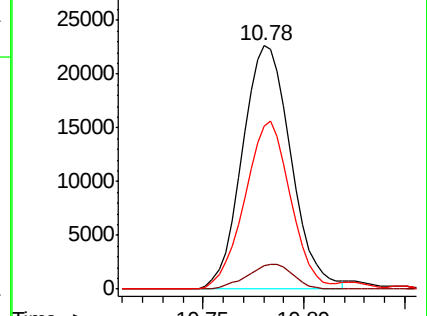
85 65.0 51.8 77.6

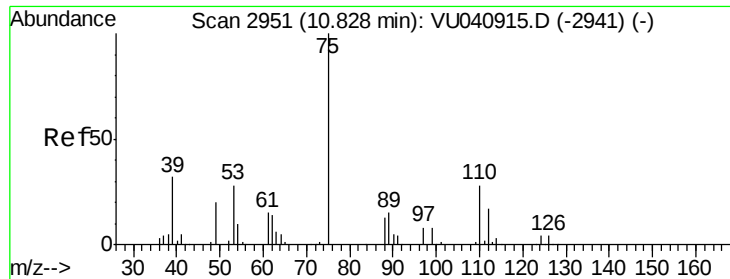


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VU0

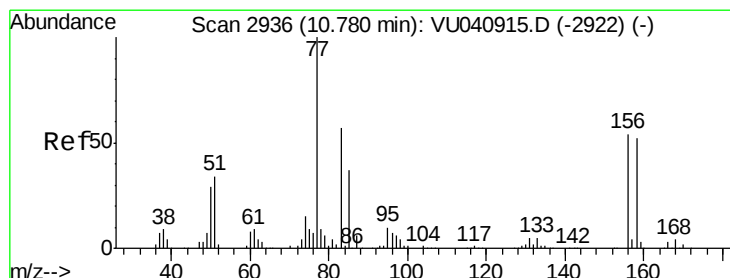
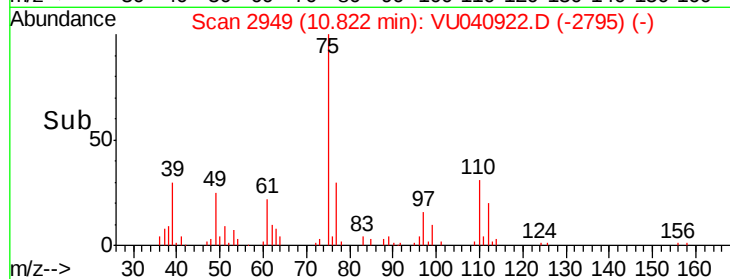
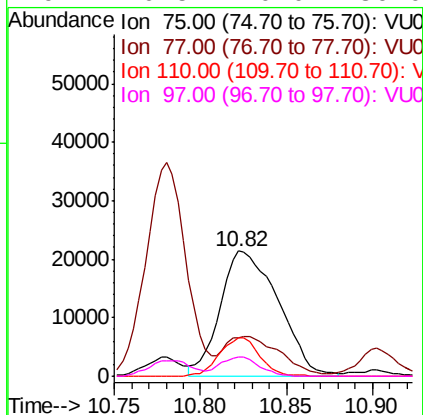
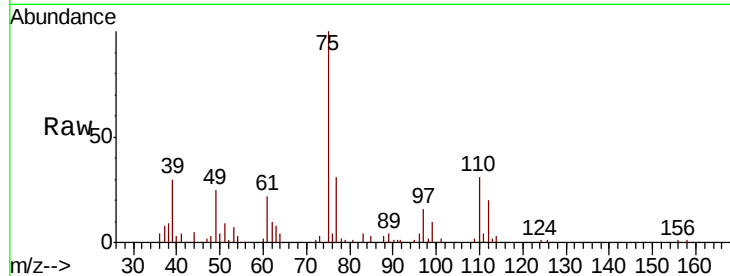




#71
 1,2,3-Trichloropropane
 Concen: 3.416 ug/l
 RT: 10.82 min Scan# 2949
 Delta R.T. -0.01 min
 Lab File: VU040922.D
 Acq: 23 Oct 2020 00:51

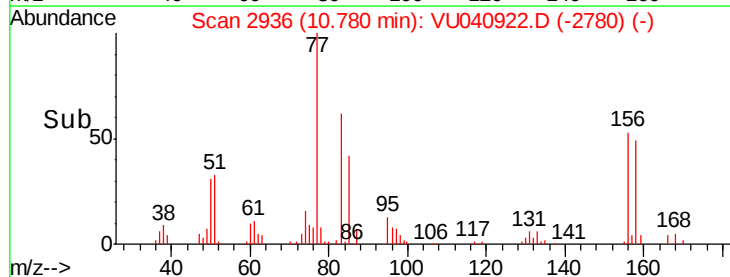
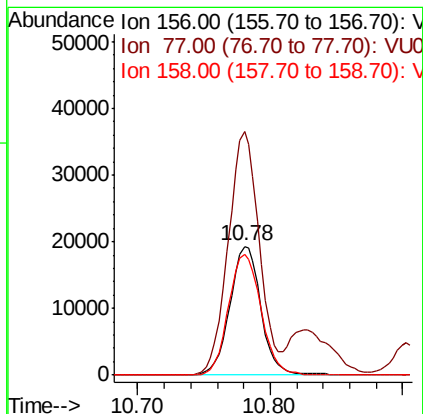
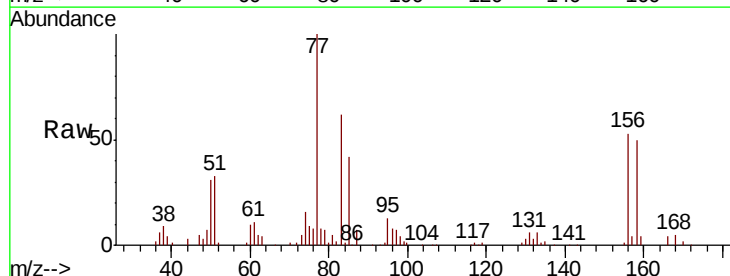
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1022WBS01

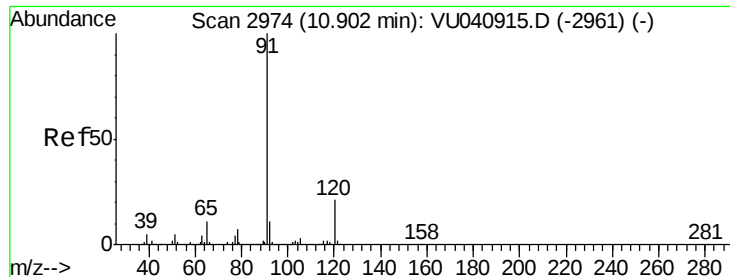
Tot Ion:	75	Resp:	49989
Ion	Ratio	Lower	Upper
75	100		
77	29.3	0.0	110.8
110	21.5	0.0	73.4
97	10.5	0.0	36.0



#72
 Bromobenzene
 Concen: 1.892 ug/l
 RT: 10.78 min Scan# 2936
 Delta R.T. 0.00 min
 Lab File: VU040922.D
 Acq: 23 Oct 2020 00:51

Tgt Ion:	156	Resp:	31264
Ion	Ratio	Lower	Upper
156	100		
77	188.8	0.0	370.2
158	98.5	0.0	193.2





#73

n-propylbenzene

Concen: 1.668 ug/l

RT: 10.90 min Scan# 2974

Delta R.T. 0.00 min

Lab File: VU040922.D

Acq: 23 Oct 2020 00:51

Instrument :

MSVOA_U

ClientSampleId :

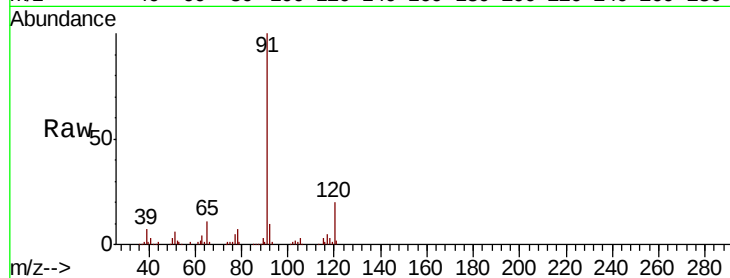
VU1022WBS01

Tot Ion:120 Resp: 30969

Ion Ratio Lower Upper

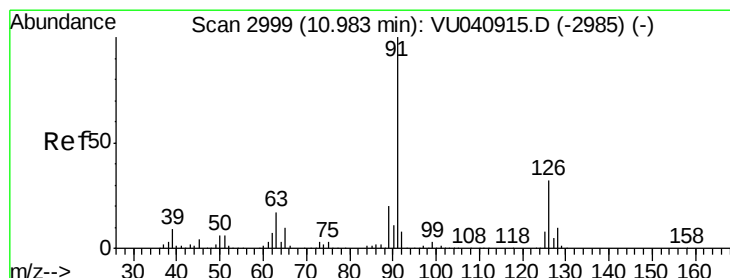
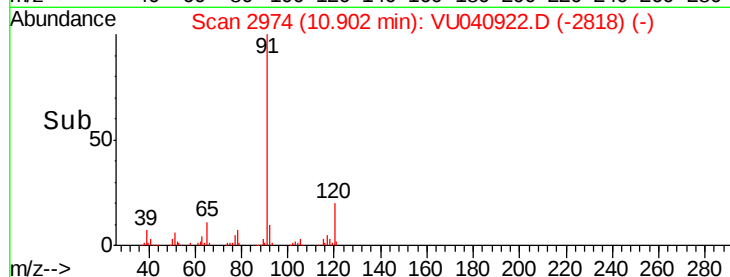
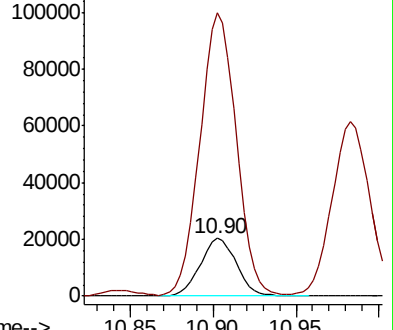
120 100

91 488.7 370.8 556.2



Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0



#74

2-Chlorotoluene

Concen: 1.926 ug/l

RT: 10.98 min Scan# 2999

Delta R.T. 0.00 min

Lab File: VU040922.D

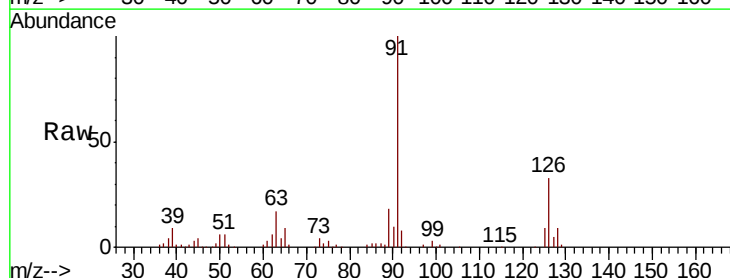
Acq: 23 Oct 2020 00:51

Tgt Ion:126 Resp: 31676

Ion Ratio Lower Upper

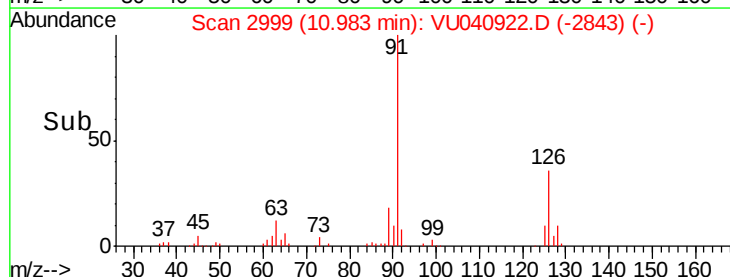
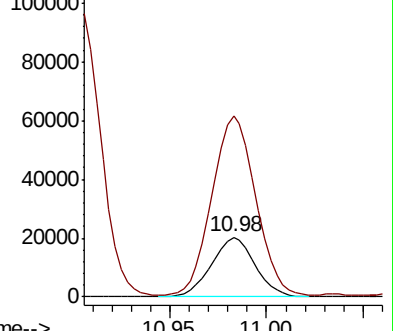
126 100

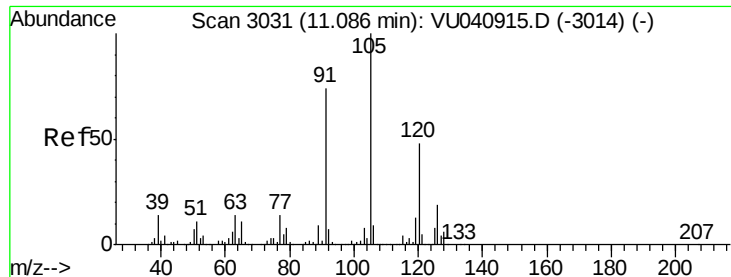
91 302.9 0.0 633.2



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: 1.739 ug/l

RT: 11.09 min Scan# 3031

Delta R.T. 0.00 min

Lab File: VU040922.D

Acq: 23 Oct 2020 00:51

Instrument :

MSVOA_U

ClientSampleId :

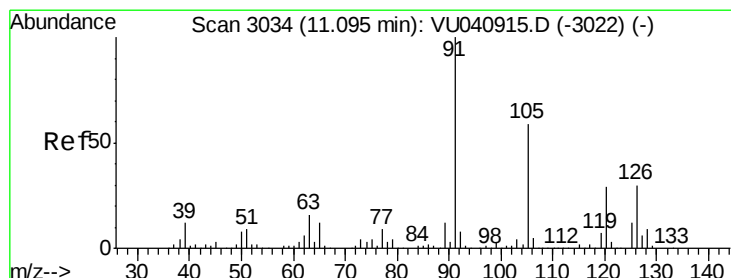
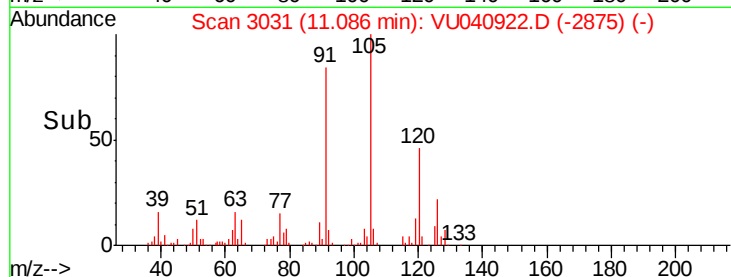
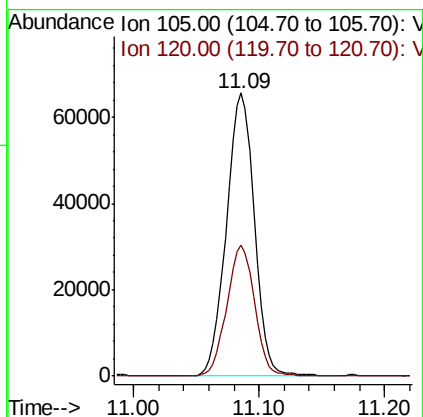
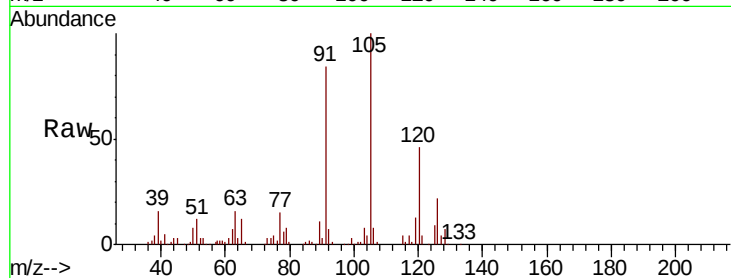
VU1022WBS01

Tot Ion:105 Resp: 101491

Ion Ratio Lower Upper

105 100

120 46.0 38.7 58.1



#76

4-Chlorotoluene

Concen: 1.950 ug/l

RT: 11.10 min Scan# 3034

Delta R.T. 0.00 min

Lab File: VU040922.D

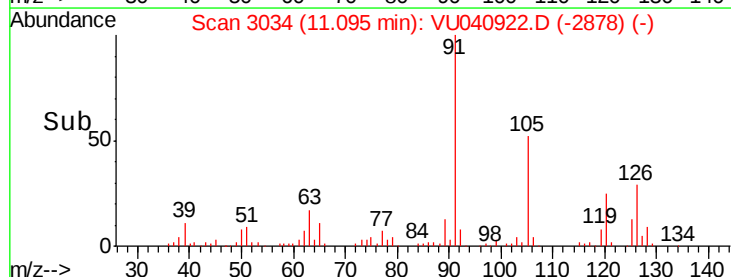
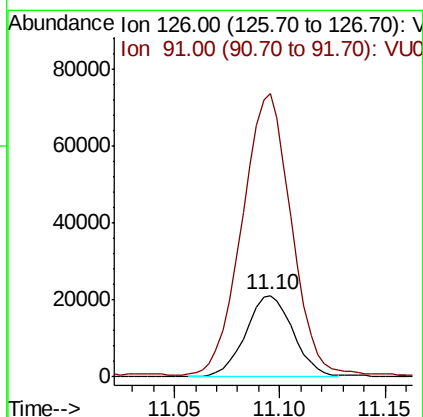
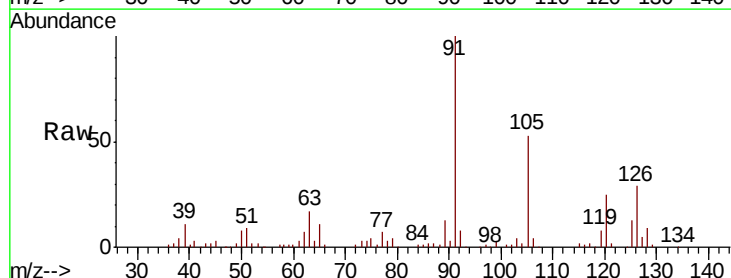
Acq: 23 Oct 2020 00:51

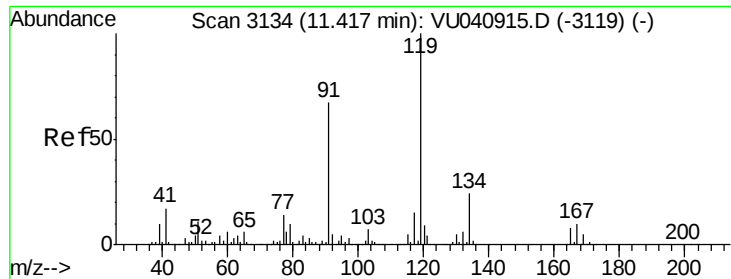
Tgt Ion:126 Resp: 33239

Ion Ratio Lower Upper

126 100

91 357.8 0.0 730.4





#77

tert-Butylbenzene

Concen: 1.785 ug/l

RT: 11.42 min Scan# 3134

Delta R.T. 0.00 min

Lab File: VU040922.D

Acq: 23 Oct 2020 00:51

Instrument :

MSVOA_U

ClientSampleId :

VU1022WBS01

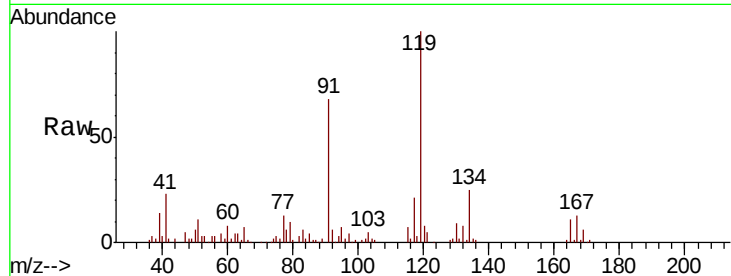
Tot Ion:119 Resp: 95617

Ion Ratio Lower Upper

119 100

91 62.3 32.0 96.2

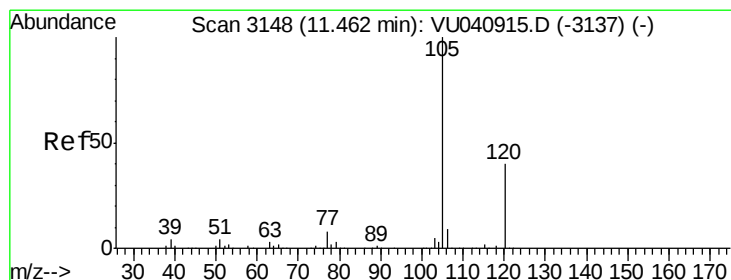
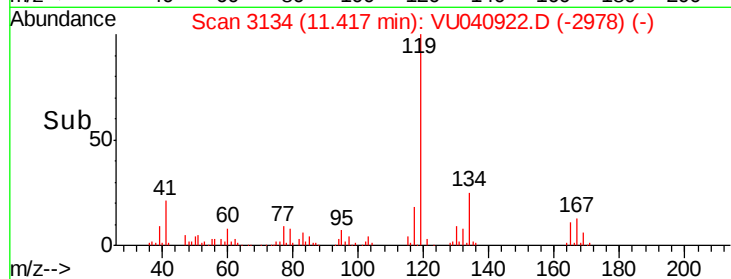
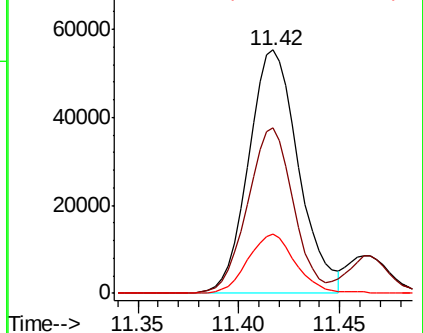
134 23.4 18.4 27.6



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: 1.680 ug/l

RT: 11.46 min Scan# 3148

Delta R.T. 0.00 min

Lab File: VU040922.D

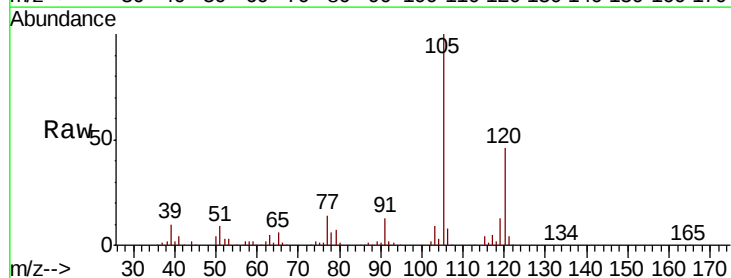
Acq: 23 Oct 2020 00:51

Tgt Ion:105 Resp: 100846

Ion Ratio Lower Upper

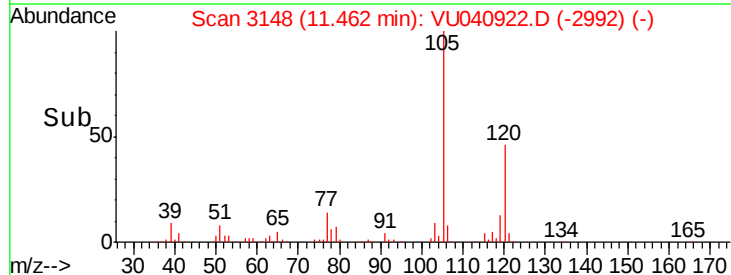
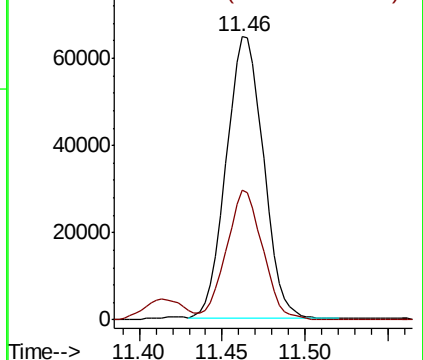
105 100

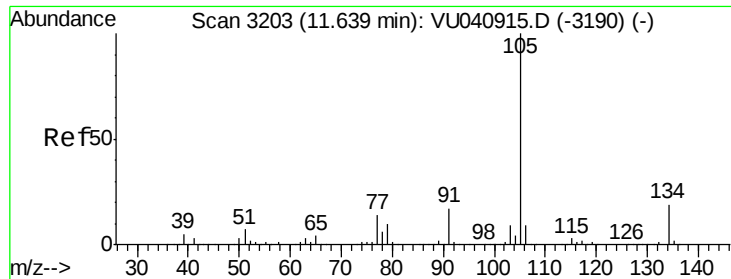
120 44.5 22.6 67.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

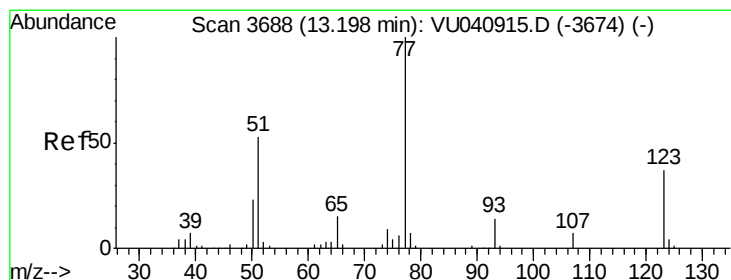
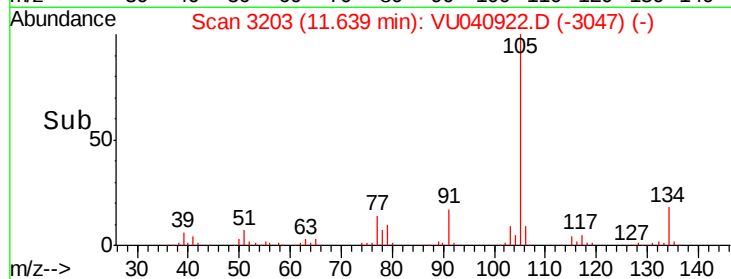
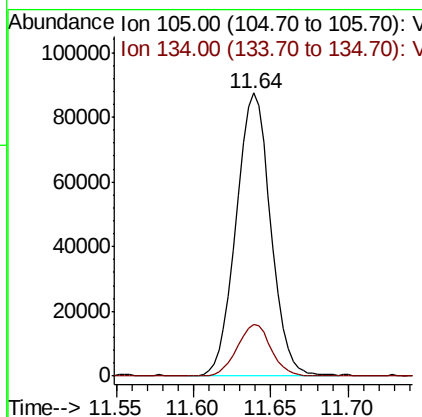
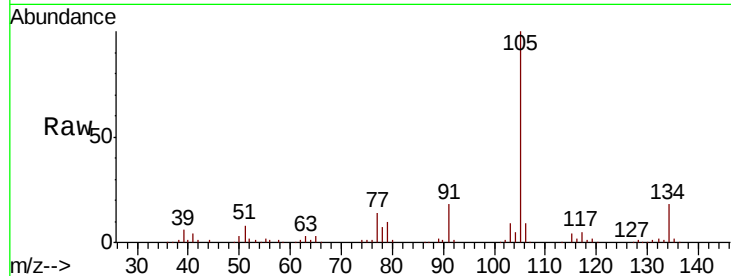




#79
 sec-Butylbenzene
 Concen: 1.826 ug/l
 RT: 11.64 min Scan# 3203
 Delta R.T. 0.00 min
 Lab File: VU040922.D
 Acq: 23 Oct 2020 00:51

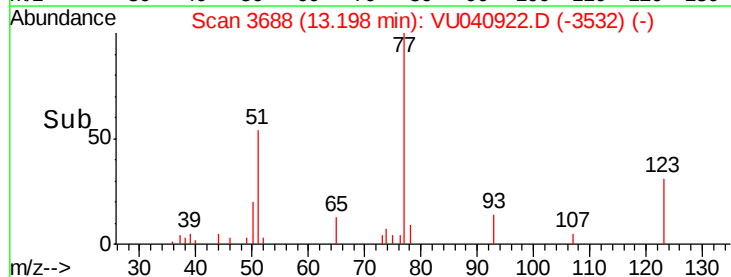
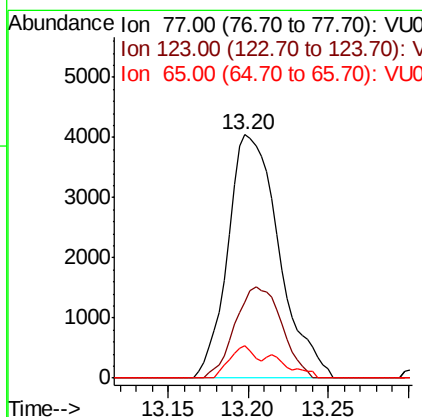
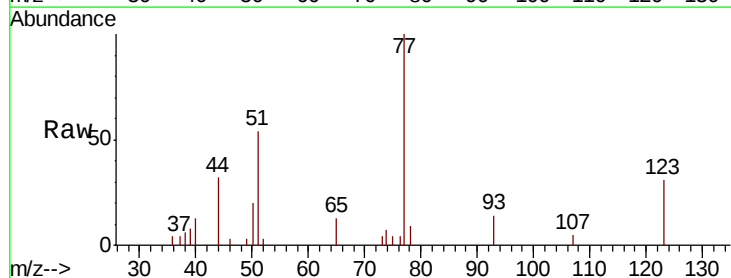
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1022WBS01

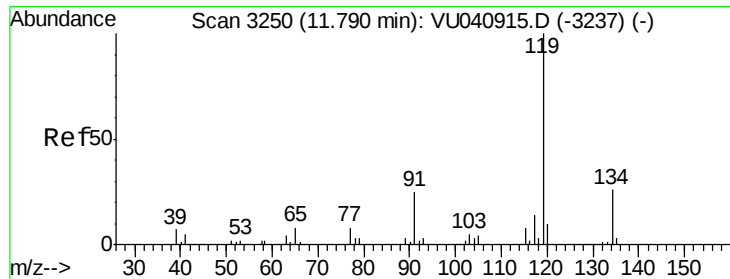
Tot Ion: 105 Resp: 135818
 Ion Ratio Lower Upper
 105 100
 134 17.9 15.4 23.0



#80
 Nitrobenzene
 Concen: 9.728 ug/l
 RT: 13.20 min Scan# 3688
 Delta R.T. 0.00 min
 Lab File: VU040922.D
 Acq: 23 Oct 2020 00:51

Tgt Ion: 77 Resp: 8831
 Ion Ratio Lower Upper
 77 100
 123 34.2 16.8 59.4
 65 6.9 11.0 14.0#

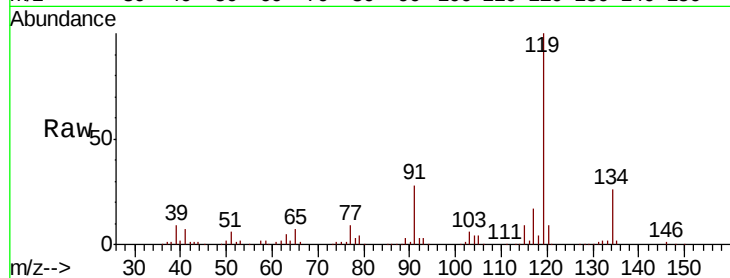




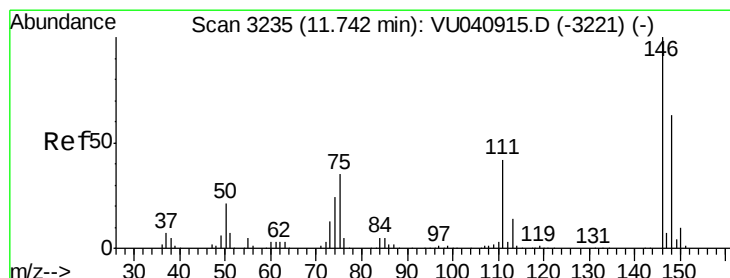
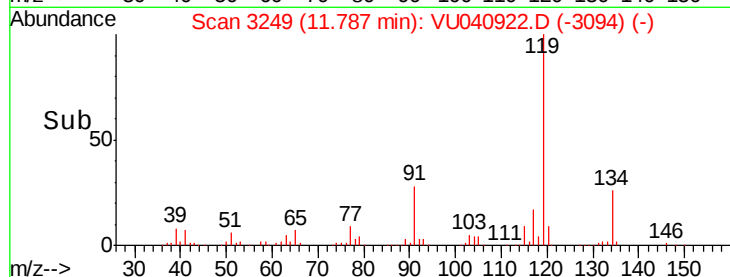
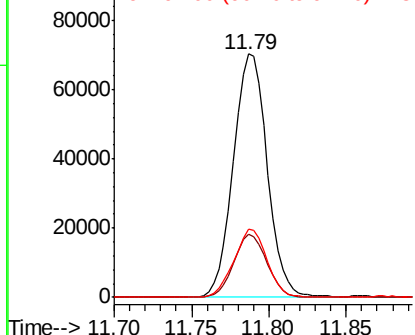
#81
 p-Isopropyltoluene
 Concen: 1.716 ug/l
 RT: 11.79 min Scan# 3249
 Delta R.T. -0.00 min
 Lab File: VU040922.D
 Acq: 23 Oct 2020 00:51

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1022WBS01

Tot Ion	Ratio	Lower	Upper
119	100		
134	25.4	20.4	30.6
91	27.5	20.4	30.6

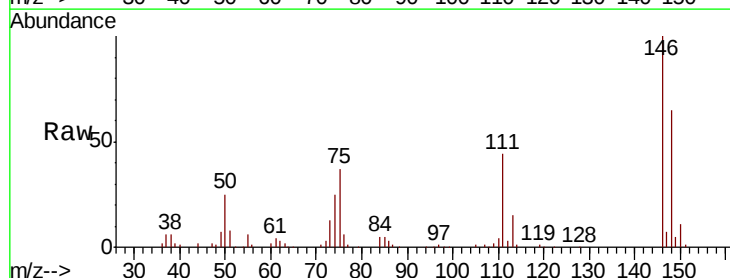


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V

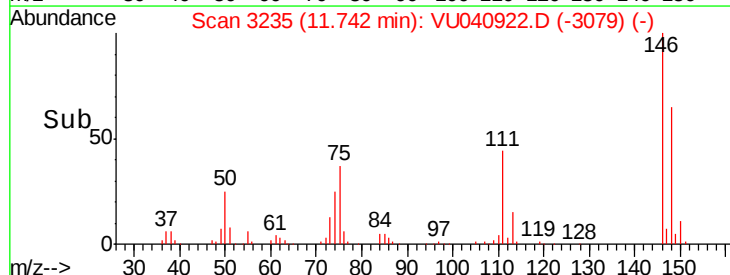
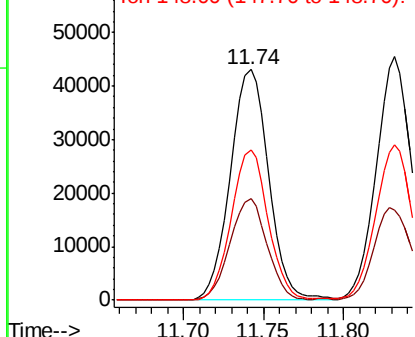


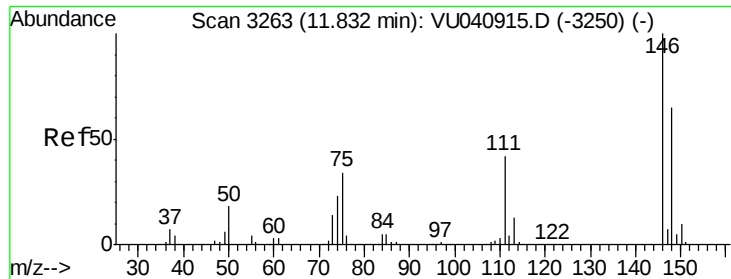
#82
 1,3-Dichlorobenzene
 Concen: 1.950 ug/l
 RT: 11.74 min Scan# 3235
 Delta R.T. 0.00 min
 Lab File: VU040922.D
 Acq: 23 Oct 2020 00:51

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.5	33.6	50.4
148	62.5	50.1	75.1



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

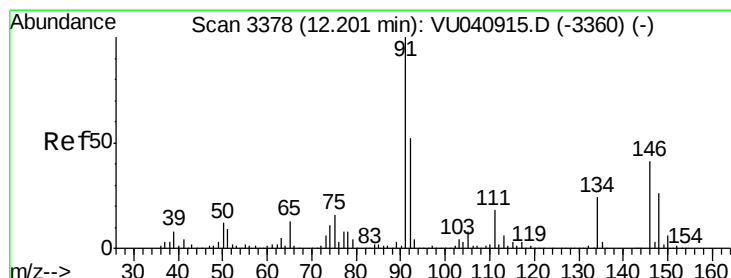
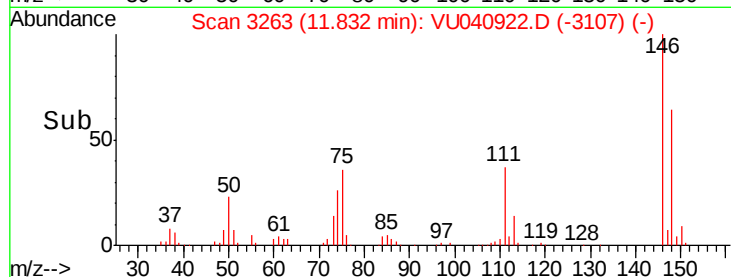
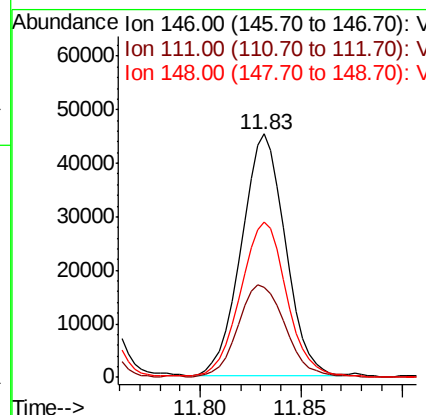
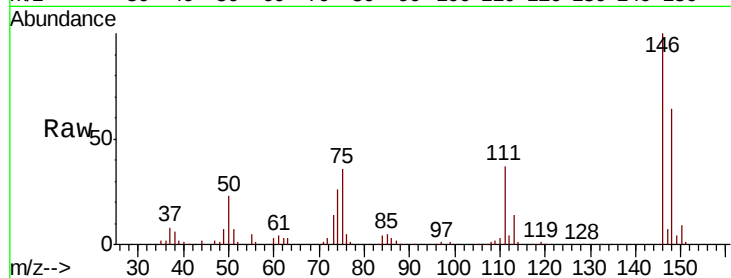




#83
 1,4-Dichlorobenzene
 Concen: 1.887 ug/l
 RT: 11.83 min Scan# 3263
 Delta R.T. 0.00 min
 Lab File: VU040922.D
 Acq: 23 Oct 2020 00:51

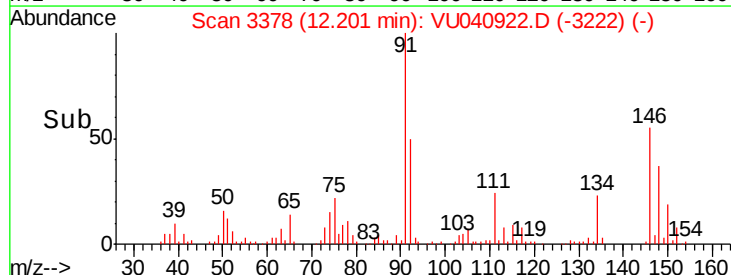
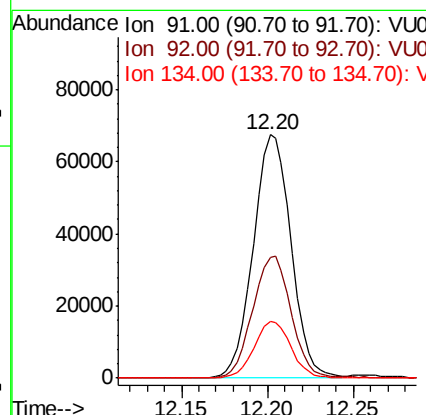
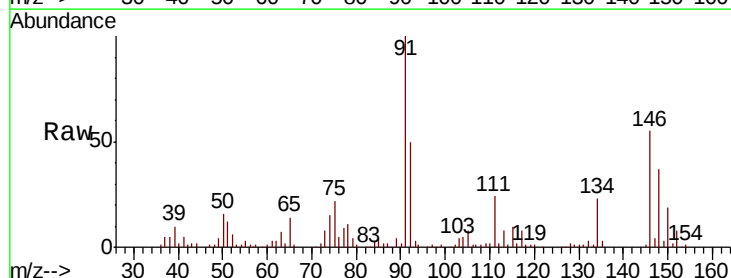
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1022WBS01

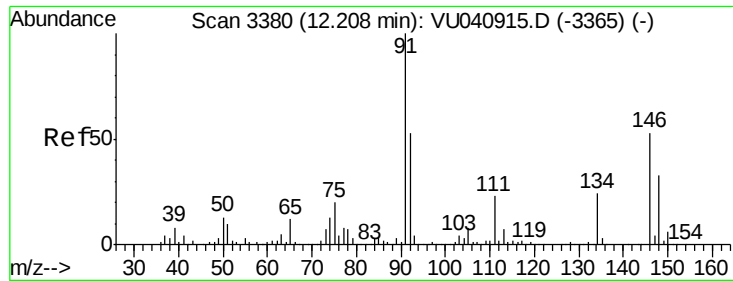
Tot Ion:146 Resp: 68771
 Ion Ratio Lower Upper
 146 100
 111 41.6 33.7 50.5
 148 67.5 50.6 75.8



#84
 n-Butylbenzene
 Concen: 1.652 ug/l
 RT: 12.20 min Scan# 3378
 Delta R.T. 0.00 min
 Lab File: VU040922.D
 Acq: 23 Oct 2020 00:51

Tgt Ion: 91 Resp: 102851
 Ion Ratio Lower Upper
 91 100
 92 51.0 41.7 62.5
 134 22.6 18.6 28.0

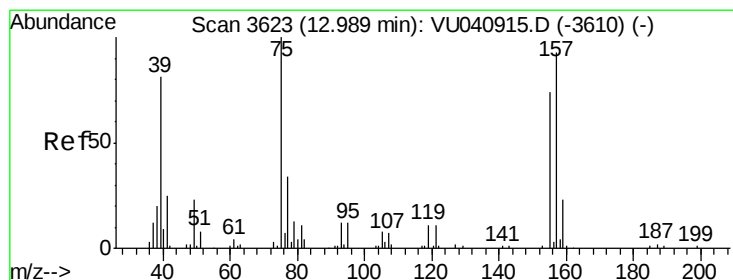
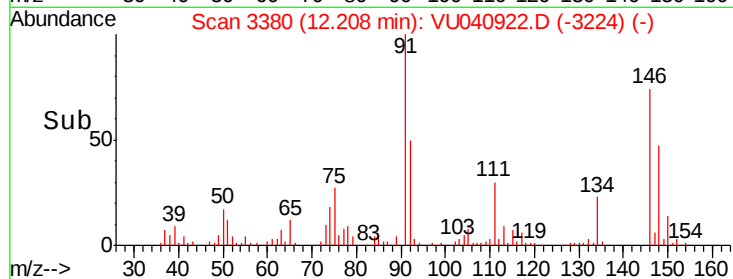
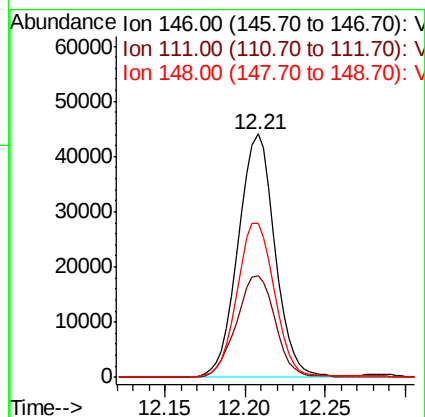
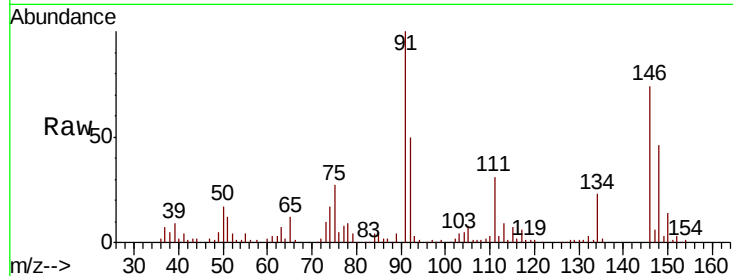




#85
 1,2-Dichlorobenzene
 Concen: 1.999 ug/l
 RT: 12.21 min Scan# 3380
 Delta R.T. 0.00 min
 Lab File: VU040922.D
 Acq: 23 Oct 2020 00:51

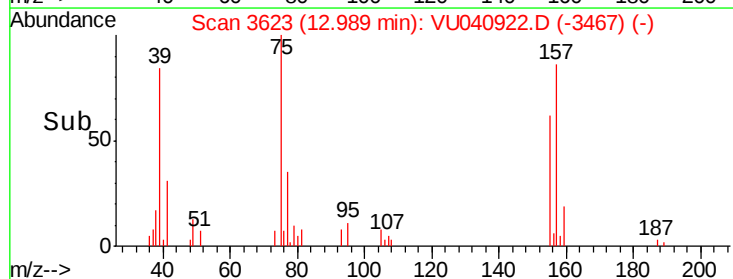
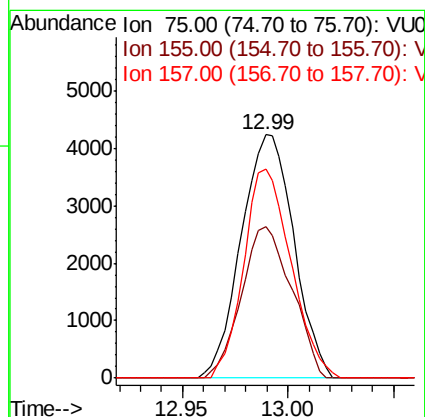
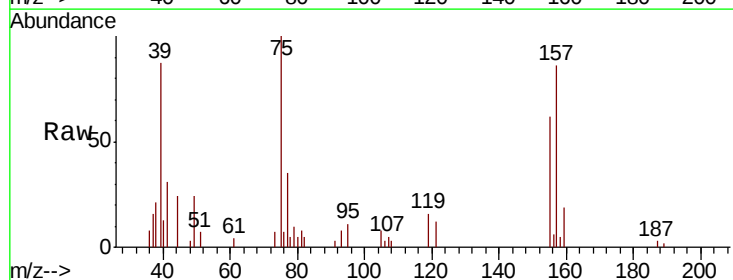
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1022WBS01

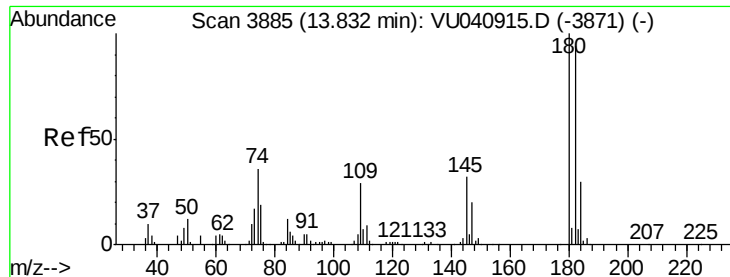
Tot Ion:146 Resp: 68917
 Ion Ratio Lower Upper
 146 100
 111 43.9 22.3 66.9
 148 64.6 31.5 94.5



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 2.051 ug/l
 RT: 12.99 min Scan# 3623
 Delta R.T. 0.00 min
 Lab File: VU040922.D
 Acq: 23 Oct 2020 00:51

Tgt Ion: 75 Resp: 7351
 Ion Ratio Lower Upper
 75 100
 155 59.5 57.1 85.7
 157 77.6 72.4 108.6

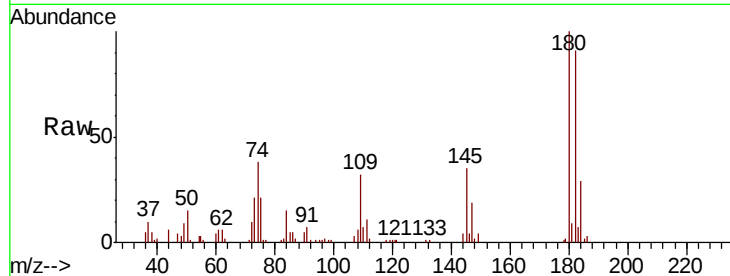




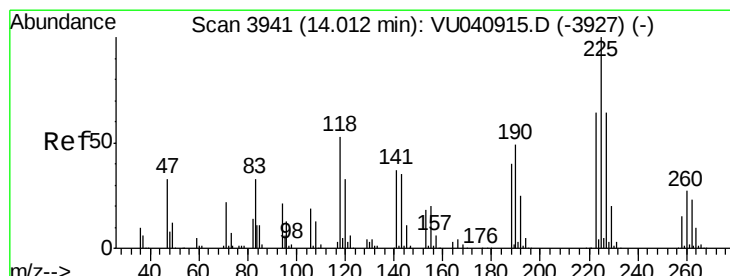
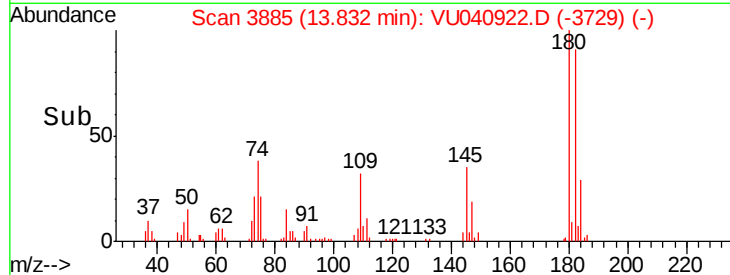
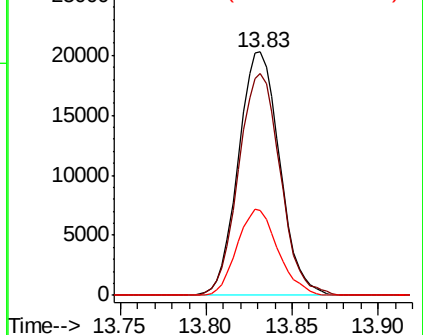
#87
 1,2,4-Trichlorobenzene
 Concen: 1.671 ug/l
 RT: 13.83 min Scan# 3885
 Delta R.T. 0.00 min
 Lab File: VU040922.D
 Acq: 23 Oct 2020 00:51

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1022WBS01

Tot Ion:180 Resp: 33772
 Ion Ratio Lower Upper
 180 100
 182 92.2 75.4 113.2
 145 34.7 25.4 38.0

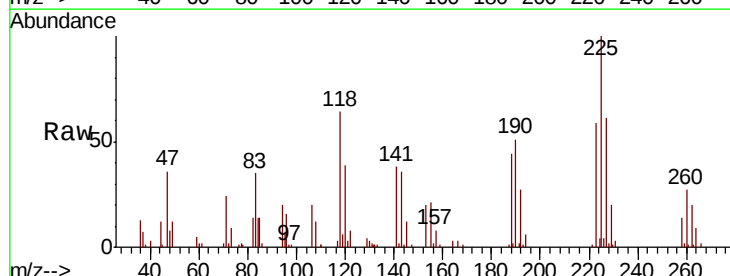


Abundance Ion 179.70 (179.40 to 180.40): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

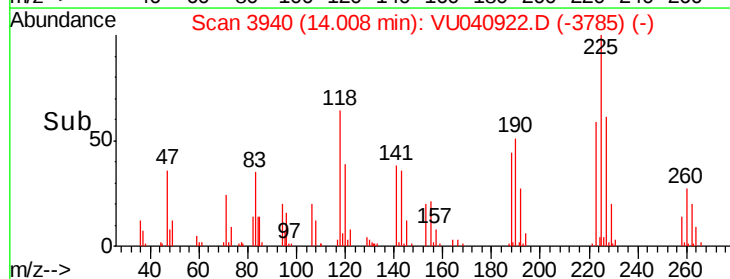
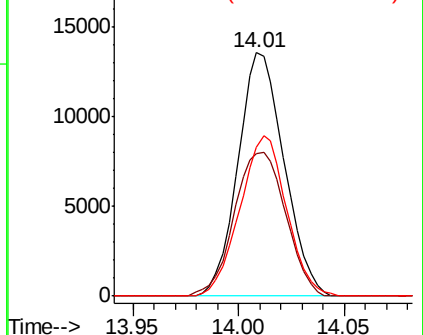


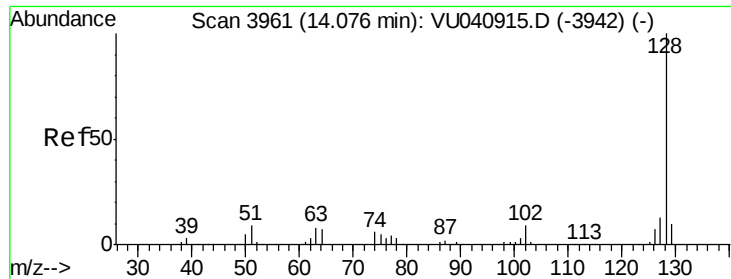
#88
 Hexachlorobutadiene
 Concen: 1.815 ug/l
 RT: 14.01 min Scan# 3940
 Delta R.T. -0.00 min
 Lab File: VU040922.D
 Acq: 23 Oct 2020 00:51

Tgt Ion:225 Resp: 20589
 Ion Ratio Lower Upper
 225 100
 223 65.7 49.9 74.9
 227 66.6 51.1 76.7



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





#89

Naphthalene

Concen: 1.820 ug/l

RT: 14.08 min Scan# 3961

Delta R.T. 0.00 min

Lab File: VU040922.D

Acq: 23 Oct 2020 00:51

Instrument :

MSVOA_U

ClientSampleId :

VU1022WBS01

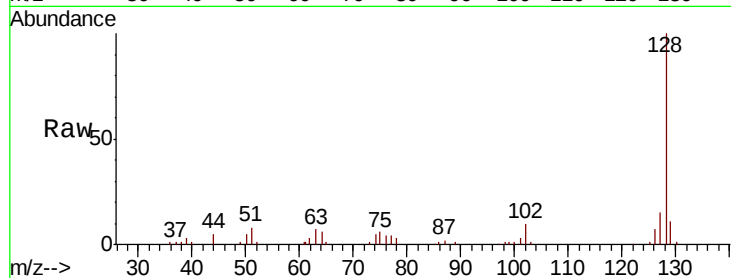
Tot Ion:128 Resp: 60503

Ion Ratio Lower Upper

128 100

127 14.4 10.7 16.1

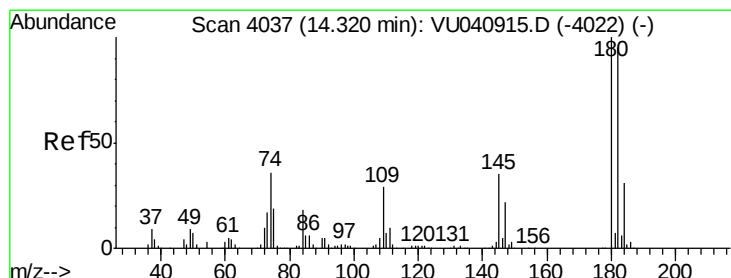
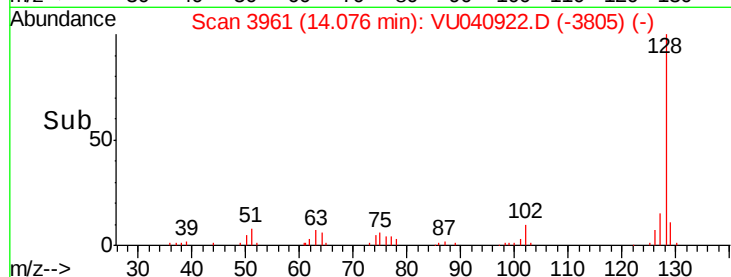
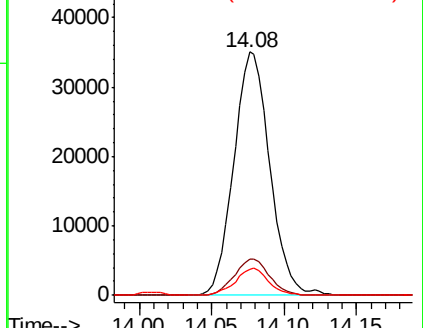
129 10.2 8.6 13.0



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: 1.729 ug/l

RT: 14.32 min Scan# 4036

Delta R.T. -0.00 min

Lab File: VU040922.D

Acq: 23 Oct 2020 00:51

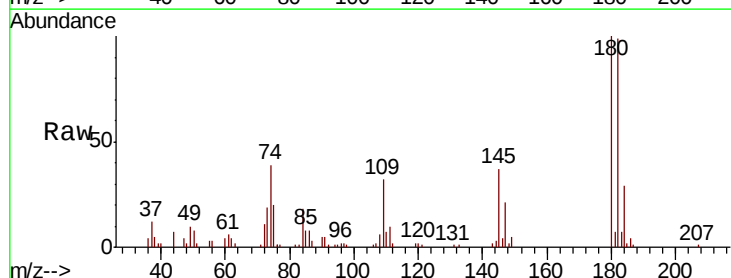
Tgt Ion:180 Resp: 33985

Ion Ratio Lower Upper

180 100

182 98.8 76.0 114.0

145 34.9 28.0 42.0



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

