

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U050420\
 Data File : VU037997.D
 Acq On : 04 May 2020 11:17
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 05 01:39:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U050420DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue May 05 01:36:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	6.15	96	85292	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.65	95	33432	1.01	ug/l	0.00
Spiked Amount 1.000			Recovery	=	101.00%	
68) 1,2-Dichlorobenzene-d4	12.21	152	31845	0.96	ug/l	0.00
Spiked Amount 1.000			Recovery	=	96.00%	

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	29589	0.747 ug/l	97
3) Chloromethane	1.54	50	37366	0.935 ug/l	97
4) Vinyl Chloride	1.62	62	34998	0.975 ug/l	97
5) Bromomethane	1.87	94	24293	1.795 ug/l	93
6) Chloroethane	1.95	64	21119	1.174 ug/l	97
7) Trichlorofluoromethane	2.16	101	36808	0.857 ug/l	100
8) 1,1,2-Trichloro-1,2,2-trif	2.60	101	23539	1.122 ug/l	97
9) 1,1-Dichloroethene	2.60	96	23948	1.191 ug/l	91
10) Iodomethane	2.75	142	8060	0.803 ug/l	98
11) Allyl Chloride	2.95	41	42082	1.081 ug/l	94
12) Acrylonitrile	3.35	53	13133	2.673 ug/l	92
13) Acetone	2.66	43	26757	5.122 ug/l	99
14) Carbon Disulfide	2.82	76	85858	1.261 ug/l	97
15) Methylene Chloride	3.07	84	36643	1.438 ug/l	98
16) trans-1,2-Dichloroethene	3.38	96	25176	1.171 ug/l	100
17) 1,1-Dichloroethane	3.91	63	48042	0.995 ug/l	99
18) 2-Butanone	4.76	43	37303	4.735 ug/l	98
19) Cyclohexane	5.42	56	42241	1.015 ug/l	91
20) Methylcyclohexane	6.79	83	44240	1.072 ug/l	96
21) 2,2-Dichloropropane	4.70	77	41556	0.954 ug/l	96
22) cis-1,2-Dichloroethene	4.70	96	27191	1.050 ug/l	97
23) Diethyl Ether	2.40	59	20210	1.172 ug/l	99
24) tert-Butyl Alcohol	3.23	59	23526	12.737 ug/l	95
25) Methyl tert-Butyl Ether	3.40	73	62632	1.072 ug/l #	89
26) Bromochloromethane	5.01	128	10801	0.960 ug/l	92
27) Chloroform	5.12	83	45533	0.890 ug/l	95
28) 1,1,1-Trichloroethane	5.35	97	36643	0.846 ug/l	98
29) 1,1-Dichloropropene	5.56	75	37403	1.034 ug/l	96
30) Carbon Tetrachloride	5.56	117	30301	0.808 ug/l	97
31) Isopropyl Ether	4.04	45	78983	1.023 ug/l	99
32) Ethyl-t-butyl ether	4.55	59	71056	0.982 ug/l	99
33) Tert-Amyl methyl ether	5.98	73	60397	0.974 ug/l	99
34) Propionitrile	4.83	54	11879	5.722 ug/l #	96
35) Benzene	5.81	78	105643	1.030 ug/l	100
36) 1,2-Dichloroethane	5.83	62	31296	0.864 ug/l	99
37) Trichloroethene	6.57	130	28171	1.045 ug/l	96
38) 1,2-Dichloropropane	6.82	63	28482	1.016 ug/l	98
39) Methacrylonitrile	5.02	41	10854	1.095 ug/l	94
40) Methyl acrylate	4.89	55	15988	1.141 ug/l #	96
41) Tetrahydrofuran	5.10	42	10985	2.223 ug/l	95
42) 1-Chlorobutane	5.49	56	53741	1.034 ug/l	97

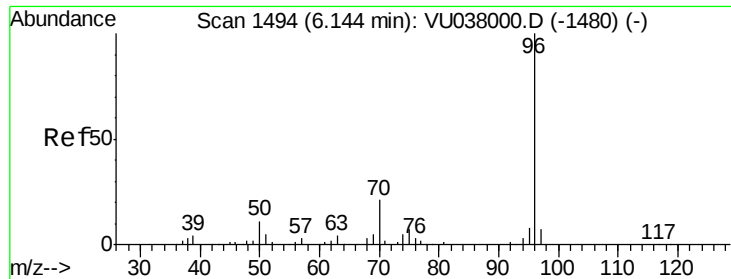
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U050420\
 Data File : VU037997.D
 Acq On : 04 May 2020 11:17
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 05 01:39:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U050420DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue May 05 01:36:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.95	93	12985	0.917	ug/l	99
44) Bromodichloromethane	7.13	83	33158	0.904	ug/l	97
45) 4-Methyl-2-Pentanone	7.82	43	87500	4.596	ug/l	99
46) t-1,4-Dichloro-2-butene	10.84	75	31228	6.009	ug/l #	38
47) Methyl methacrylate	6.99	69	25834	2.159	ug/l	99
48) Ethyl methacrylate	8.36	69	23206	0.984	ug/l	94
49) Toluene	7.99	92	66343	1.073	ug/l	100
50) t-1,3-Dichloropropene	8.23	75	32519	0.966	ug/l	98
51) cis-1,3-Dichloropropene	7.63	75	38416	0.989	ug/l	99
52) 1,1,2-Trichloroethane	8.43	97	18863	0.991	ug/l	95
53) 1,3-Dichloropropane	8.60	76	35065	1.028	ug/l	100
54) 2-Hexanone	8.71	43	63393	4.845	ug/l	99
55) Dibromochloromethane	8.83	129	20921	0.902	ug/l	93
56) 1,2-Dibromoethane	8.95	107	17362	0.973	ug/l	98
58) Tetrachloroethene	8.57	164	25575	1.010	ug/l	98
59) Chlorobenzene	9.47	112	69333	1.005	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.56	131	20763	0.847	ug/l	96
61) Pentachloroethane	11.44	117	15043	0.804	ug/l	98
62) Hexachloroethane	12.49	117	16575	0.834	ug/l	98
63) Ethyl Benzene	9.59	91	122279	1.039	ug/l	98
64) m/p-Xylenes	9.71	106	92484	2.075	ug/l	97
65) o-Xylene	10.12	106	45767	1.062	ug/l	99
66) Styrene	10.13	104	74717	1.061	ug/l	98
67) Bromoform	10.31	173	10190	0.837	ug/l	100
69) Isopropylbenzene	10.50	105	119053	1.017	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.80	83	22567	0.904	ug/l	99
71) 1,2,3-Trichloropropane	10.84	75	31228	1.587	ug/l	69
72) Bromobenzene	10.80	156	26599	0.939	ug/l	94
73) n-propylbenzene	10.92	120	33088	1.064	ug/l	98
74) 2-Chlorotoluene	11.00	126	28881	1.038	ug/l	94
75) 1,3,5-Trimethylbenzene	11.10	105	97823	0.975	ug/l	100
76) 4-Chlorotoluene	11.11	126	29195	1.037	ug/l	96
77) tert-Butylbenzene	11.44	119	93036	0.951	ug/l	99
78) 1,2,4-Trimethylbenzene	11.48	105	99898	0.989	ug/l	97
79) sec-Butylbenzene	11.66	105	136145	1.015	ug/l	100
80) Nitrobenzene	13.23	77	3274	5.754	ug/l	99
81) p-Isopropyltoluene	11.81	119	109839	1.041	ug/l	98
82) 1,3-Dichlorobenzene	11.76	146	55733	0.996	ug/l	99
83) 1,4-Dichlorobenzene	11.85	146	57612	1.017	ug/l	98
84) n-Butylbenzene	12.22	91	105960	1.049	ug/l	99
85) 1,2-Dichlorobenzene	12.23	146	52099	0.965	ug/l	98
86) 1,2-Dibromo-3-Chloropropan	13.02	75	3857	0.904	ug/l	96
87) 1,2,4-Trichlorobenzene	13.87	180	38812	1.366	ug/l	95
88) Hexachlorobutadiene	14.06	225	17116	1.009	ug/l	97
89) Naphthalene	14.12	128	71711	1.456	ug/l	99
90) 1,2,3-Trichlorobenzene	14.37	180	32879	1.201	ug/l	98

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



#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 6.15 min Scan# 1495

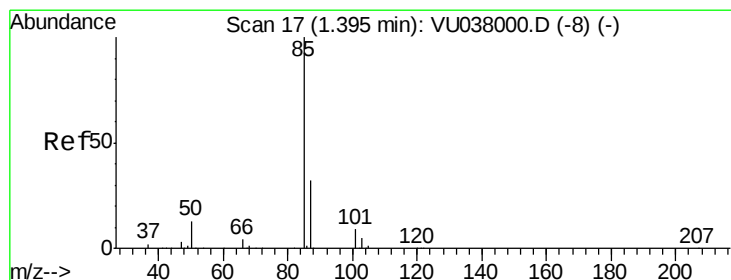
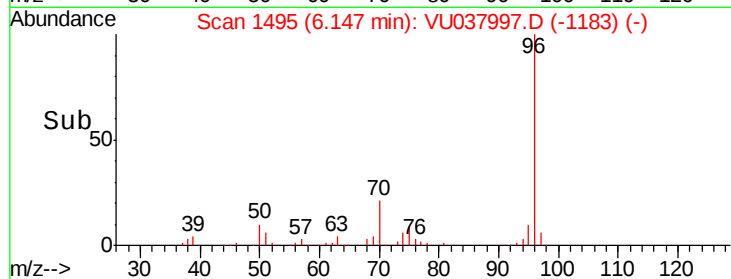
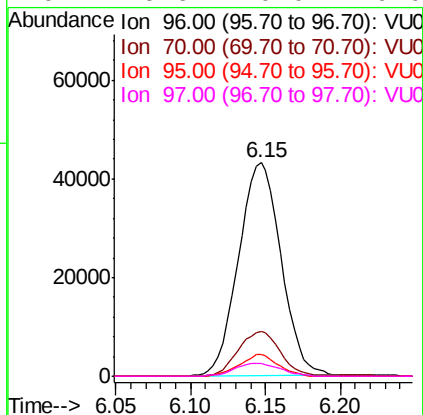
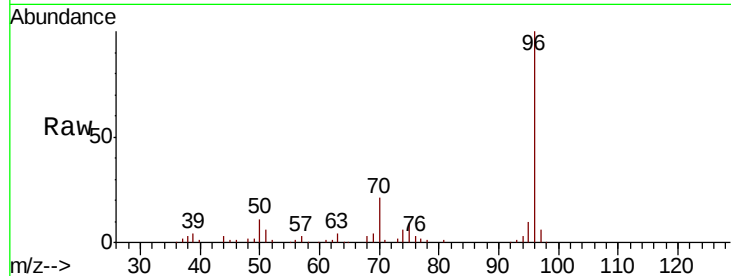
Delta R.T. 0.00 min

Lab File: VU037997.D

Acq: 04 May 2020 11:17

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:	96	Resp:	85292
Ion	Ratio	Lower	Upper
96	100		
70	20.3	14.4	21.6
95	9.3	7.1	10.7
97	6.6	0.0	0.0#



#2

Dichlorodifluoromethane

Concen: 0.747 ug/l

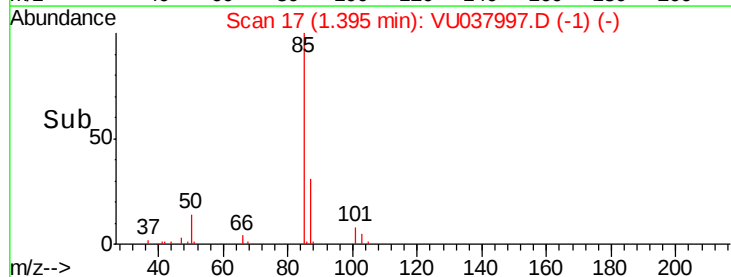
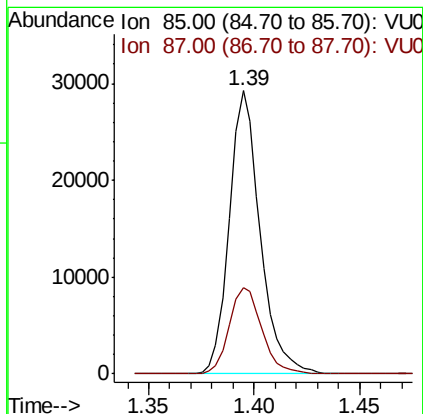
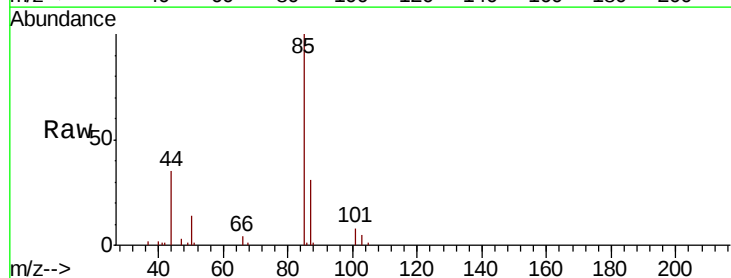
RT: 1.39 min Scan# 17

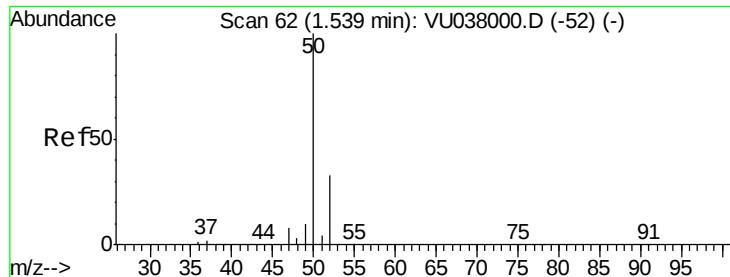
Delta R.T. 0.00 min

Lab File: VU037997.D

Acq: 04 May 2020 11:17

Tgt Ion:	85	Resp:	29589
Ion	Ratio	Lower	Upper
85	100		
87	30.7	16.2	48.5





#3

Chloromethane

Concen: 0.935 ug/l

RT: 1.54 min Scan# 61

Delta R.T. -0.00 min

Lab File: VU037997.D

Acq: 04 May 2020 11:17

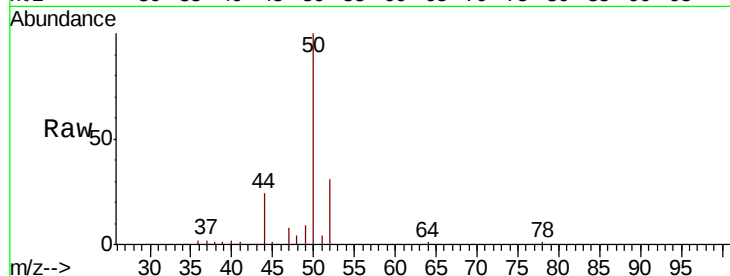
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 50 Resp: 37366

Ion Ratio Lower Upper

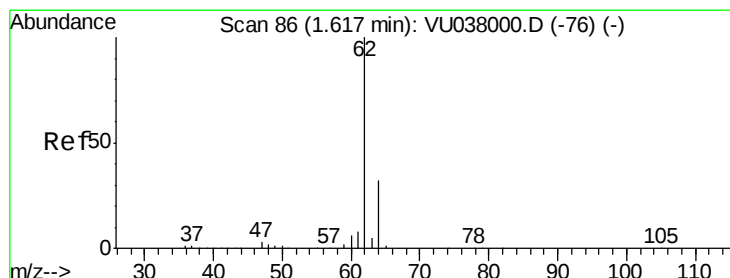
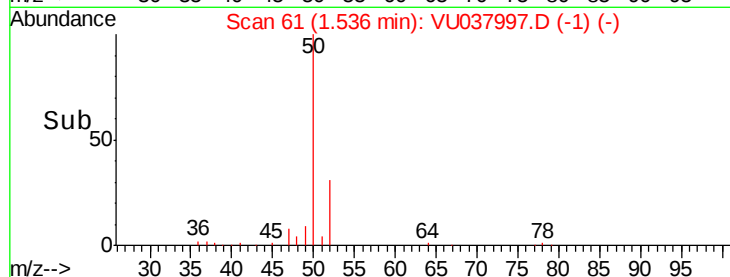
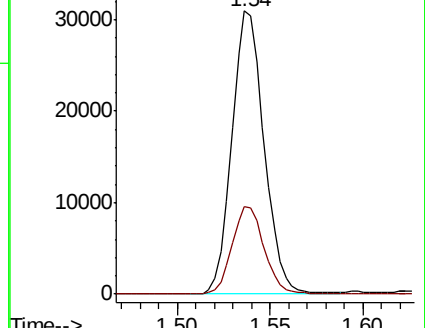
50 100

52 30.8 26.1 39.1



Abundance Ion 50.00 (49.70 to 50.70): VU038000.D (-52) (-)

Ion 52.00 (51.70 to 52.70): VU038000.D (-52) (-)



#4

Vinyl Chloride

Concen: 0.975 ug/l

RT: 1.62 min Scan# 86

Delta R.T. 0.00 min

Lab File: VU037997.D

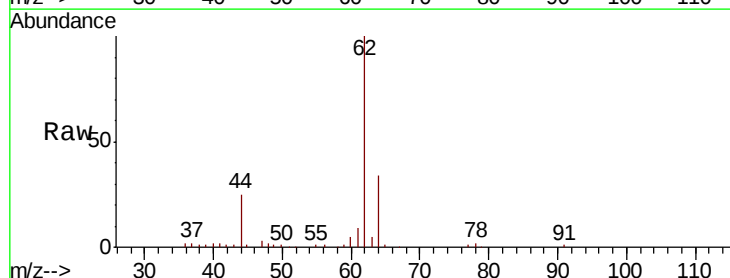
Acq: 04 May 2020 11:17

Tgt Ion: 62 Resp: 34998

Ion Ratio Lower Upper

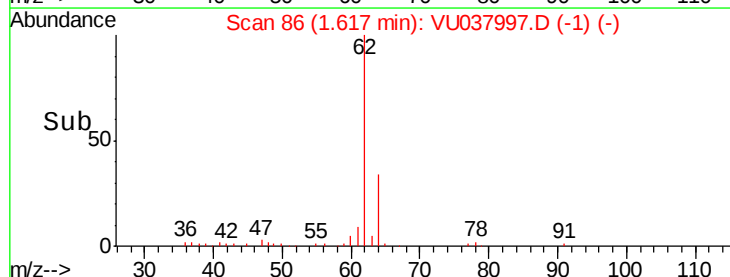
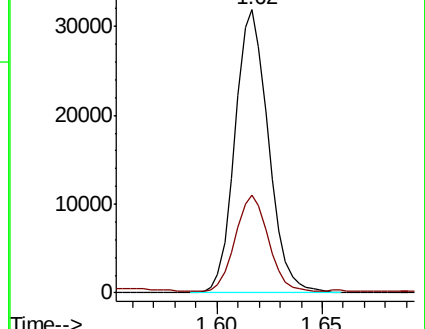
62 100

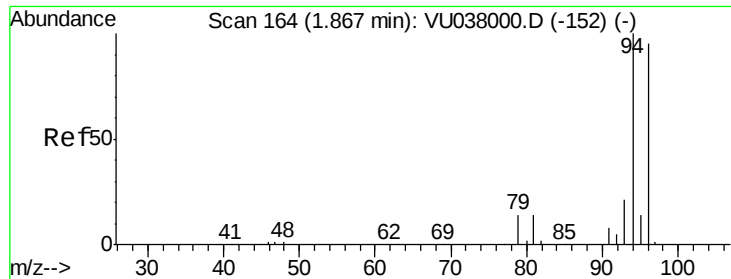
64 33.7 25.7 38.5



Abundance Ion 62.00 (61.70 to 62.70): VU038000.D (-76) (-)

Ion 64.00 (63.70 to 64.70): VU038000.D (-76) (-)

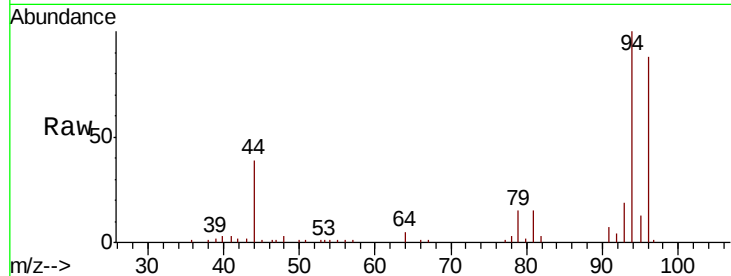




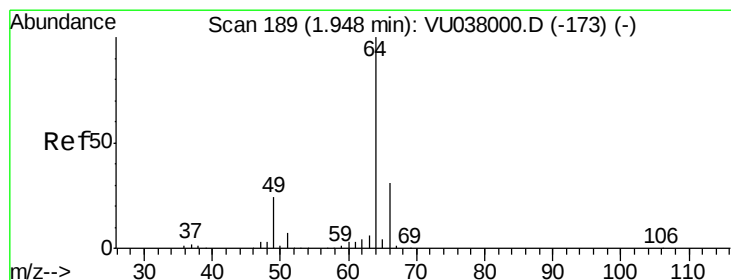
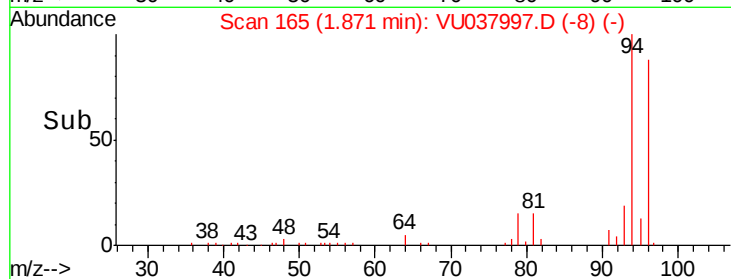
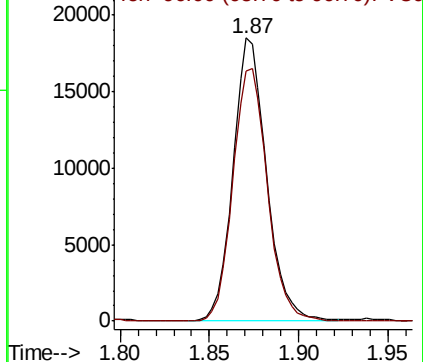
#5
Bromomethane
Concen: 1.795 ug/l
RT: 1.87 min Scan# 165
Delta R.T. 0.00 min
Lab File: VU037997.D
Acq: 04 May 2020 11:17

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 94 Resp: 24293
Ion Ratio Lower Upper
94 100
96 88.5 76.1 114.1

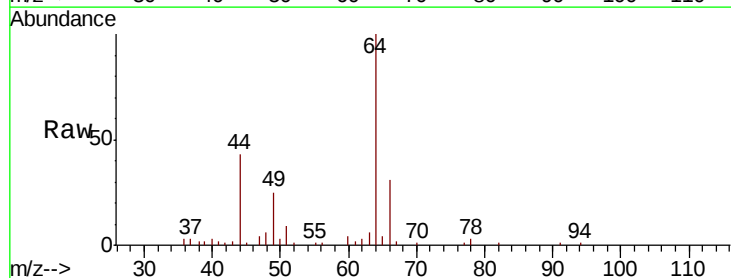


Abundance Ion 94.00 (93.70 to 94.70): VU0
Ion 96.00 (95.70 to 96.70): VU0

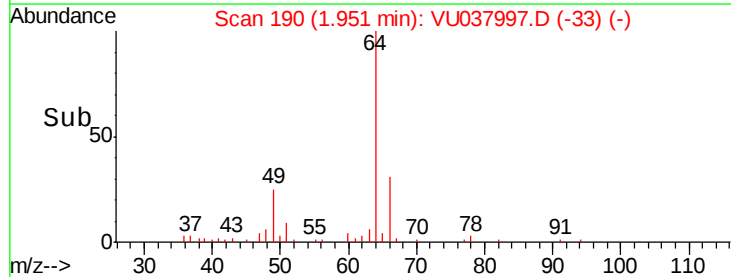
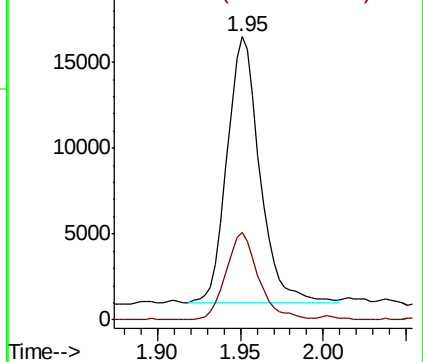


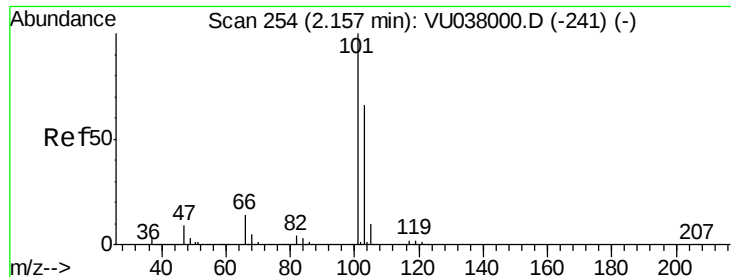
#6
Chloroethane
Concen: 1.174 ug/l
RT: 1.95 min Scan# 190
Delta R.T. 0.00 min
Lab File: VU037997.D
Acq: 04 May 2020 11:17

Tgt Ion: 64 Resp: 21119
Ion Ratio Lower Upper
64 100
66 32.8 24.8 37.2



Abundance Ion 64.00 (63.70 to 64.70): VU0
Ion 66.00 (65.70 to 66.70): VU0



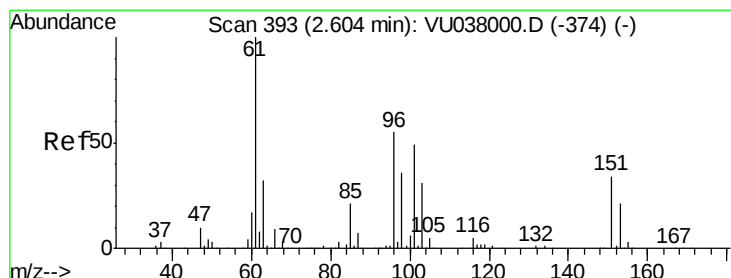
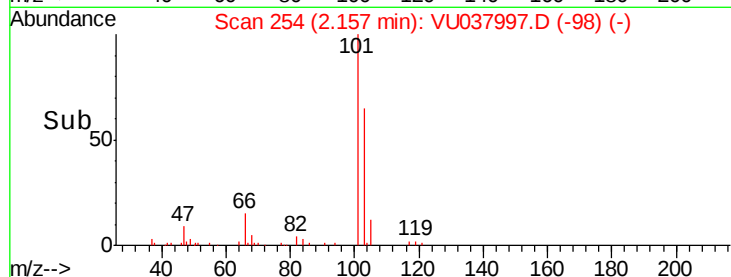
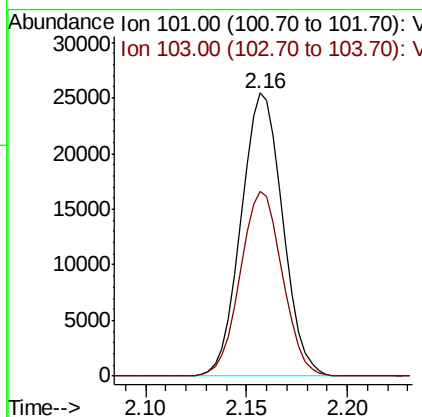
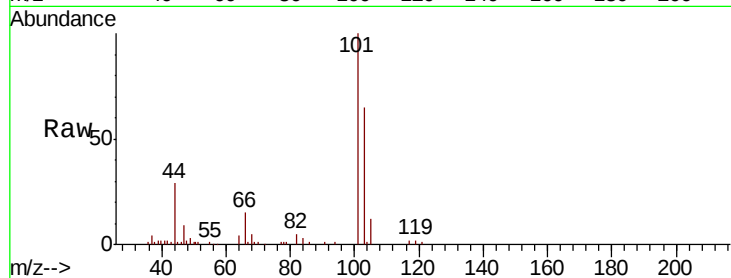


#7

Trichlorofluoromethane
 Concen: 0.857 ug/l
 RT: 2.16 min Scan# 254
 Delta R.T. 0.00 min
 Lab File: VU037997.D
 Acq: 04 May 2020 11:17

Instrument :
 MSVOA_U
 ClientSampled :

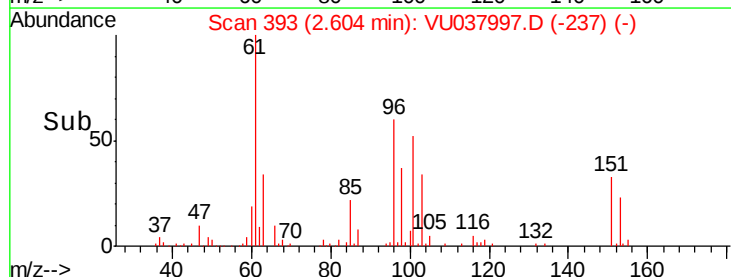
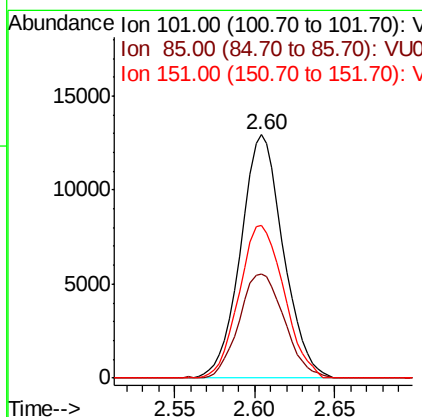
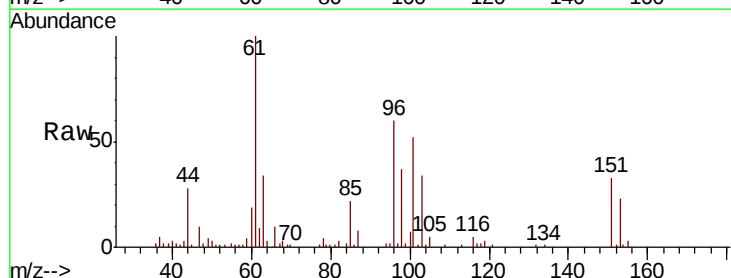
Tot Ion:101 Resp: 36808
 Ion Ratio Lower Upper
 101 100
 103 65.3 52.6 78.8

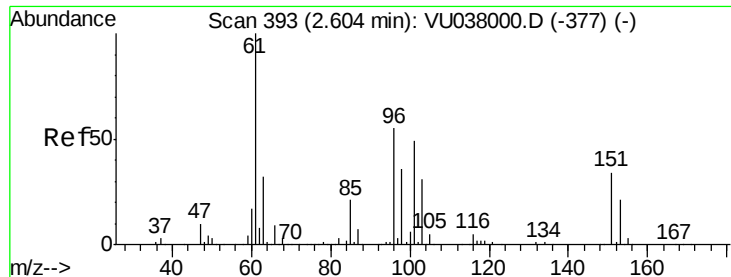


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.122 ug/l
 RT: 2.60 min Scan# 393
 Delta R.T. 0.00 min
 Lab File: VU037997.D
 Acq: 04 May 2020 11:17

Tgt Ion:101 Resp: 23539
 Ion Ratio Lower Upper
 101 100
 85 45.3 35.5 53.3
 151 66.1 55.2 82.8





#9

1,1-Dichloroethene

Concen: 1.191 ug/l

RT: 2.60 min Scan# 393

Delta R.T. 0.00 min

Lab File: VU037997.D

Acq: 04 May 2020 11:17

Instrument :
MSVOA_U
ClientSampleId :

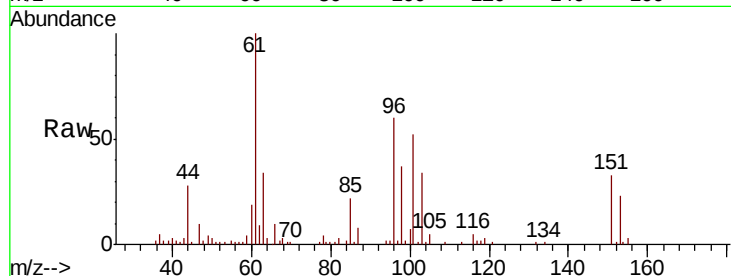
Tot Ion: 96 Resp: 23948

Ion Ratio Lower Upper

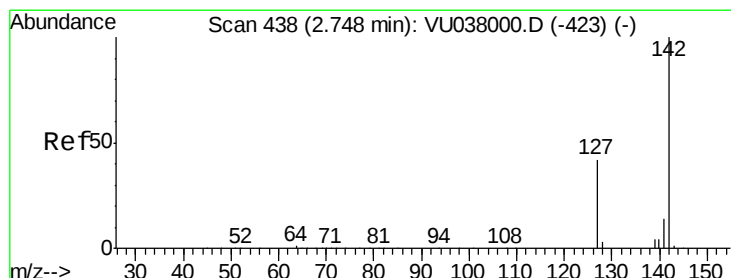
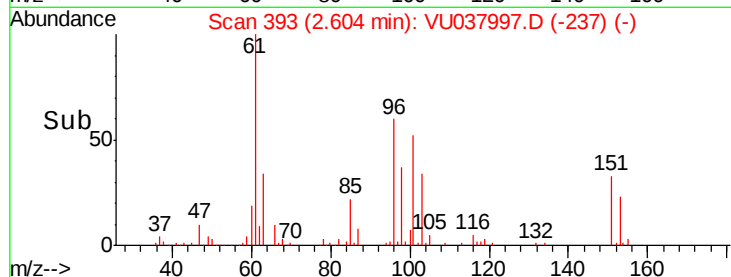
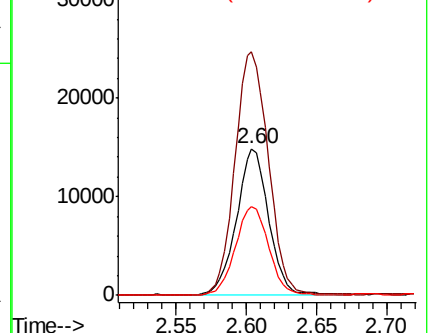
96 100

61 165.7 0.0 543.0

98 60.6 0.0 129.4



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



#10

Iodomethane

Concen: 0.803 ug/l

RT: 2.75 min Scan# 438

Delta R.T. 0.00 min

Lab File: VU037997.D

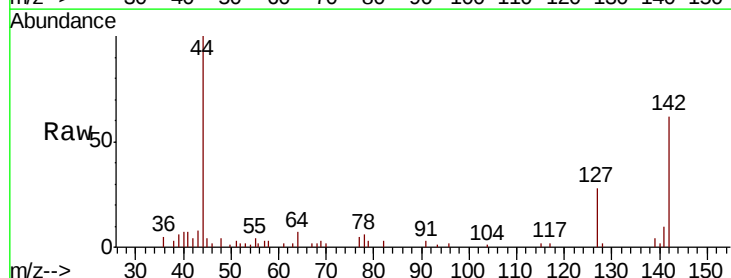
Acq: 04 May 2020 11:17

Tgt Ion:142 Resp: 8060

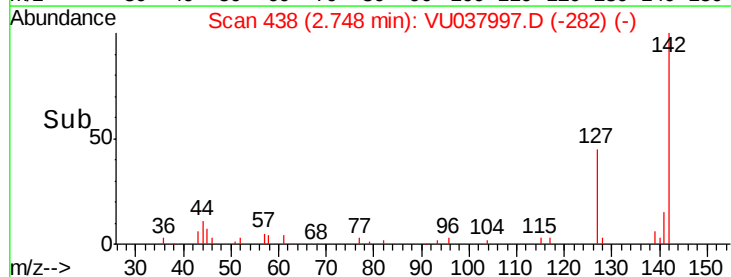
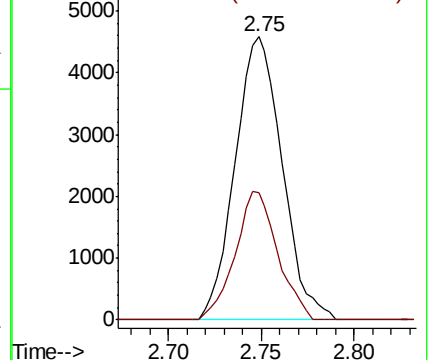
Ion Ratio Lower Upper

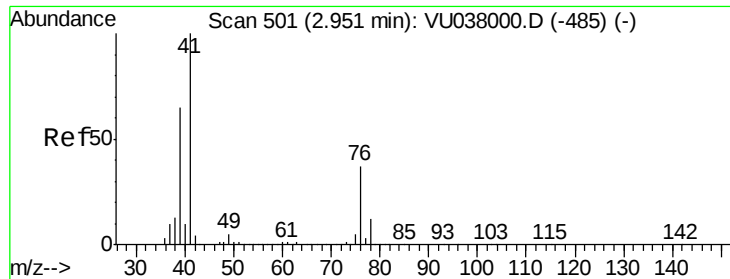
142 100

127 40.8 33.5 50.3



Abundance Ion 142.00 (141.70 to 142.70): V
Ion 127.00 (126.70 to 127.70): V

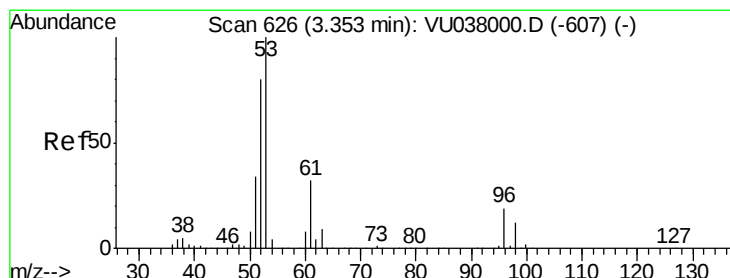
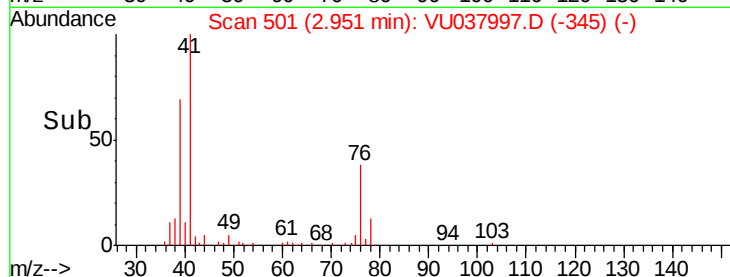
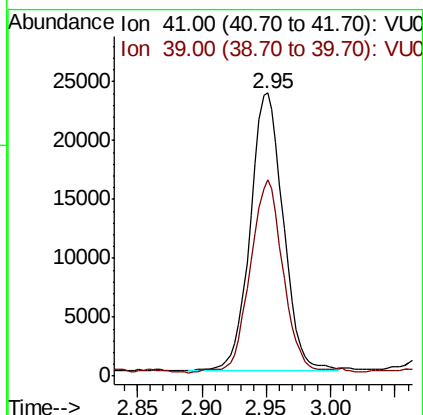
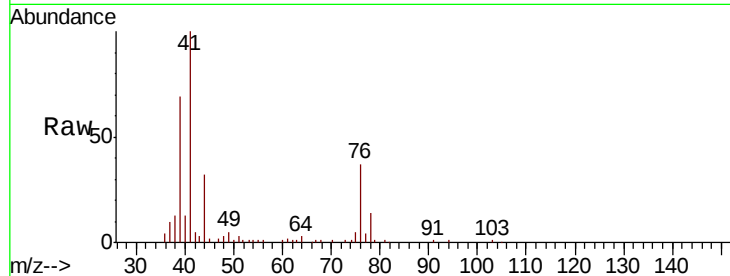




#11
 Allvl Chloride
 Concen: 1.081 ug/l
 RT: 2.95 min Scan# 501
 Delta R.T. 0.00 min
 Lab File: VU037997.D
 Acq: 04 May 2020 11:17

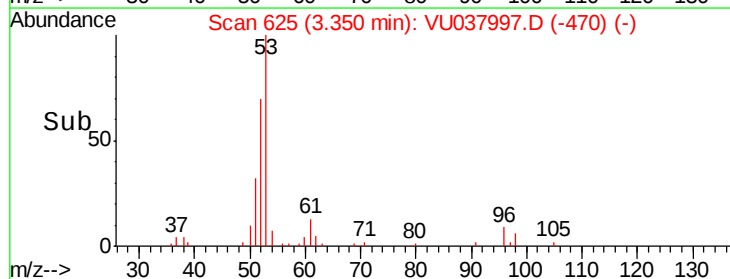
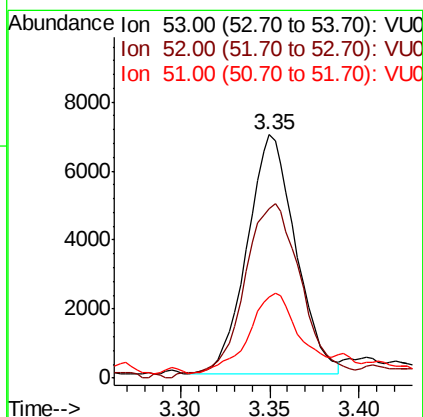
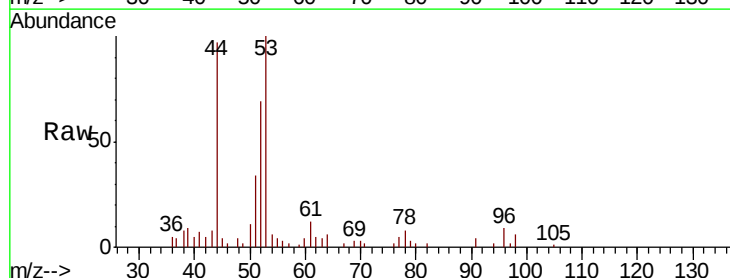
Instrument :
 MSVOA_U
 ClientSampled :

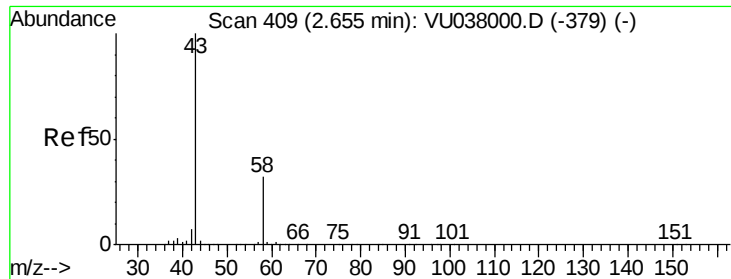
Tot Ion: 41 Resp: 42082
 Ion Ratio Lower Upper
 41 100
 39 68.9 51.7 77.5



#12
 Acrylonitrile
 Concen: 2.673 ug/l
 RT: 3.35 min Scan# 625
 Delta R.T. -0.00 min
 Lab File: VU037997.D
 Acq: 04 May 2020 11:17

Tgt Ion: 53 Resp: 13133
 Ion Ratio Lower Upper
 53 100
 52 86.5 63.3 94.9
 51 34.2 30.2 45.2





#13

Acetone

Concen: 5.122 ug/l

RT: 2.66 min Scan# 409

Delta R.T. 0.00 min

Lab File: VU037997.D

Acq: 04 May 2020 11:17

Instrument :

MSVOA_U

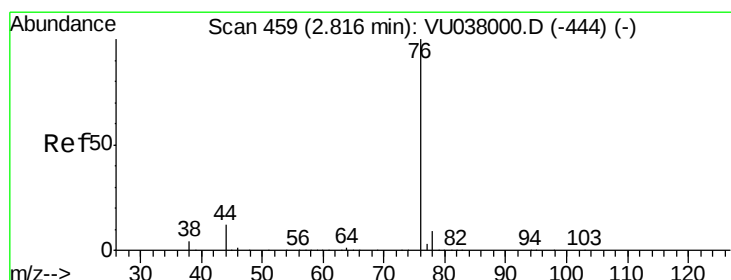
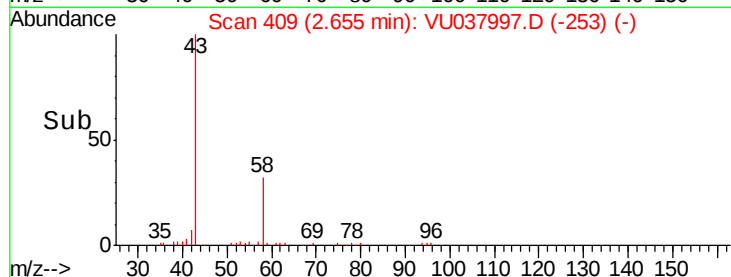
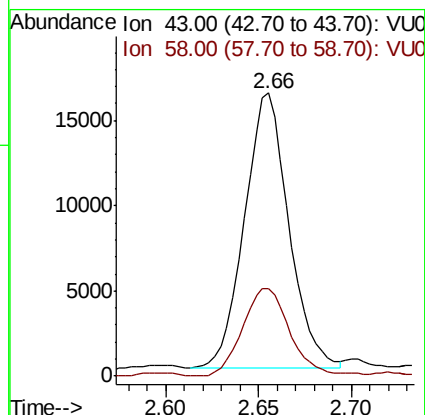
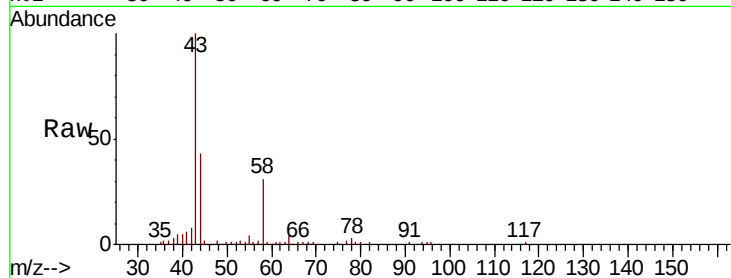
ClientSampleId :

Tot Ion: 43 Resp: 26757

Ion Ratio Lower Upper

43 100

58 32.1 25.2 37.8



#14

Carbon Disulfide

Concen: 1.261 ug/l

RT: 2.82 min Scan# 459

Delta R.T. 0.00 min

Lab File: VU037997.D

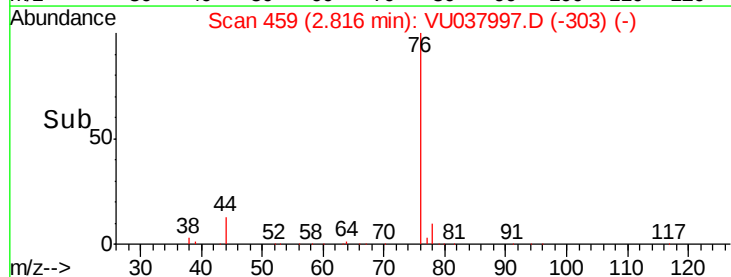
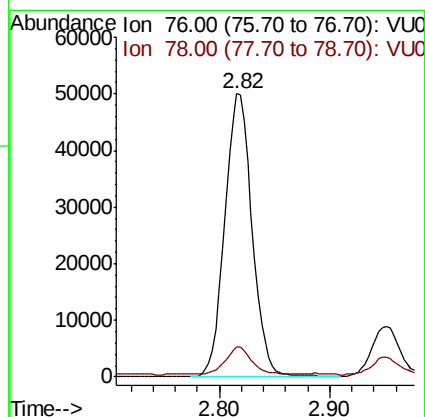
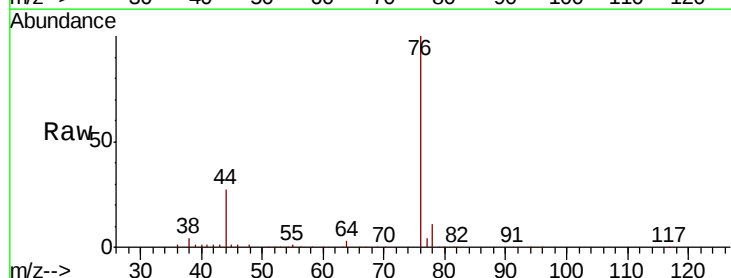
Acq: 04 May 2020 11:17

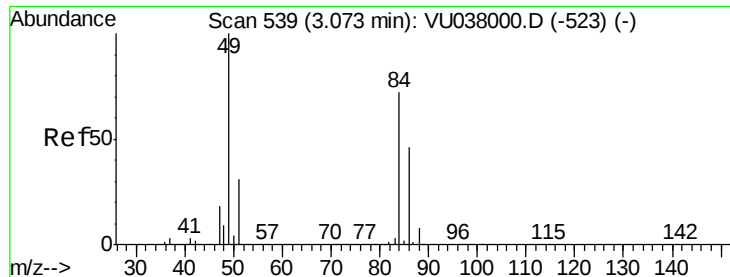
Tgt Ion: 76 Resp: 85858

Ion Ratio Lower Upper

76 100

78 9.7 7.0 10.6

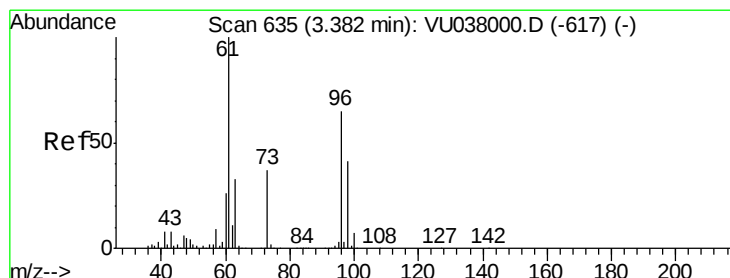
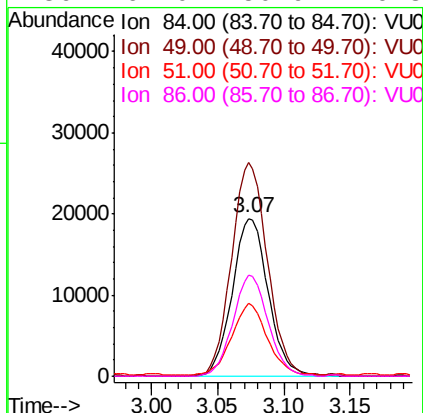
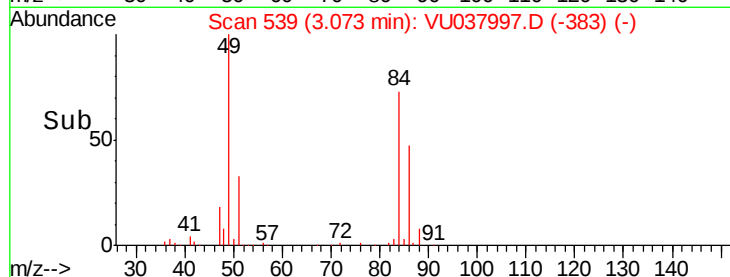
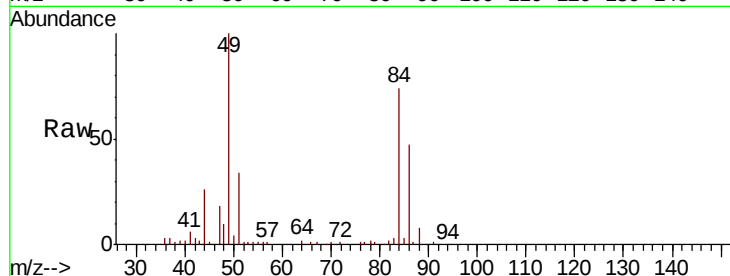




#15
Methvlene Chloride
Concen: 1.438 ug/l
RT: 3.07 min Scan# 539
Delta R.T. 0.00 min
Lab File: VU037997.D
Acq: 04 May 2020 11:17

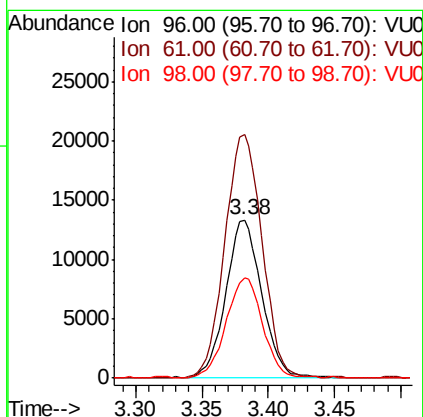
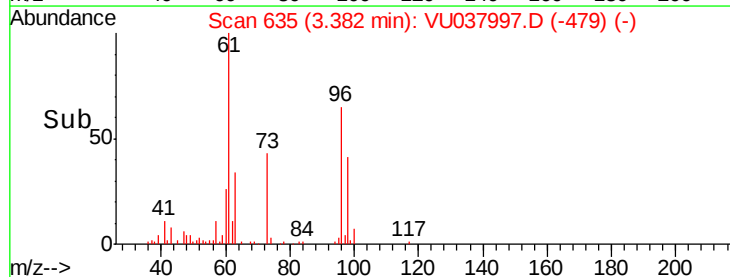
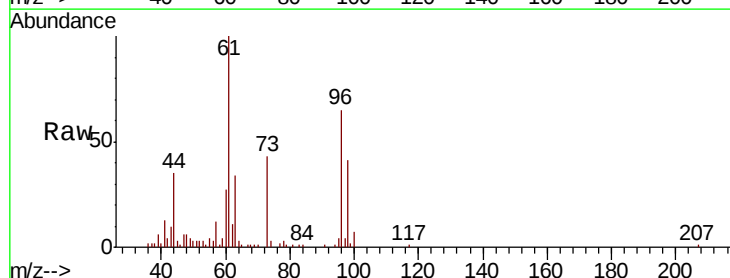
Instrument :
MSVOA_U
ClientSampleId :

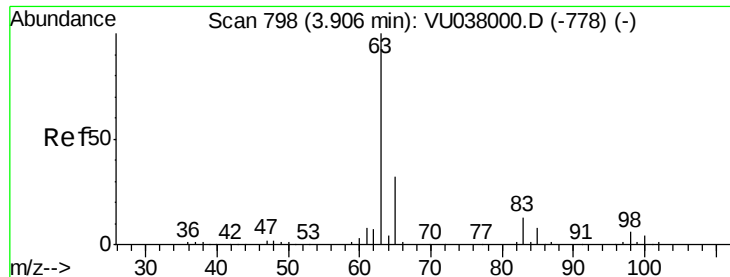
Tot Ion:	84	Resp:	36643
Ion	Ratio	Lower	Upper
84	100		
49	135.3	110.6	166.0
51	44.8	0.0	85.4
86	64.0	50.9	76.3



#16
trans-1,2-Dichloroethene
Concen: 1.171 ug/l
RT: 3.38 min Scan# 635
Delta R.T. 0.00 min
Lab File: VU037997.D
Acq: 04 May 2020 11:17

Tgt Ion:	96	Resp:	25176
Ion	Ratio	Lower	Upper
96	100		
61	153.0	122.4	183.6
98	63.1	50.1	75.1

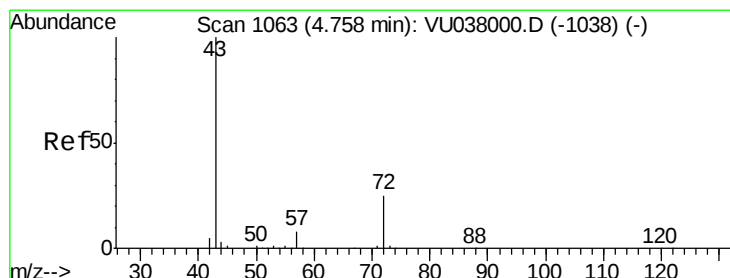
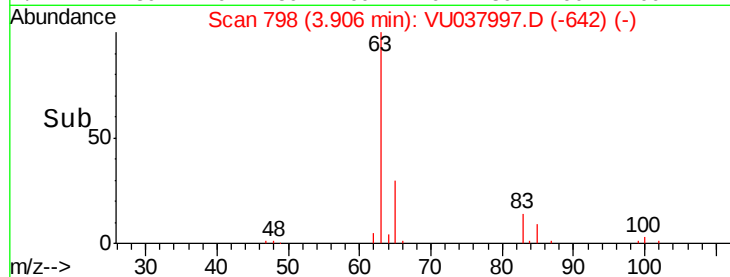
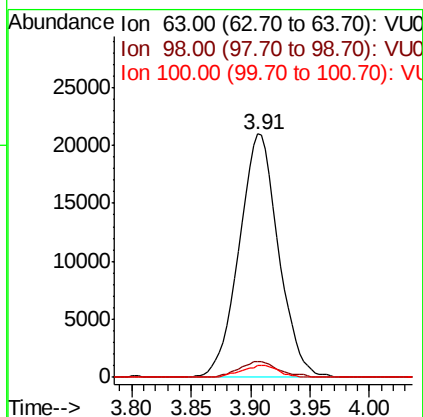
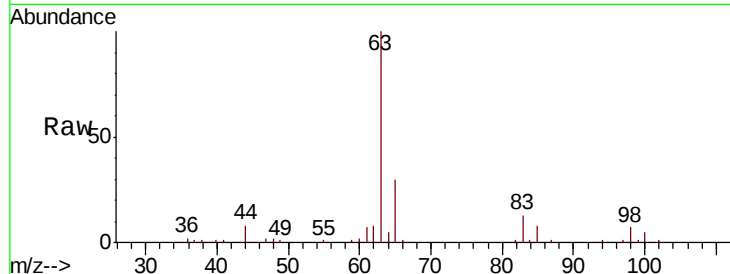




#17
 1,1-Dichloroethane
 Concen: 0.995 ug/l
 RT: 3.91 min Scan# 798
 Delta R.T. 0.00 min
 Lab File: VU037997.D
 Acq: 04 May 2020 11:17

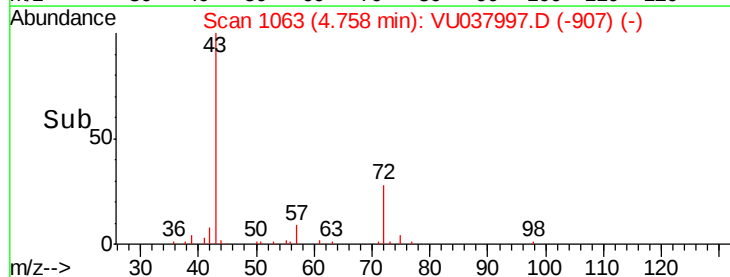
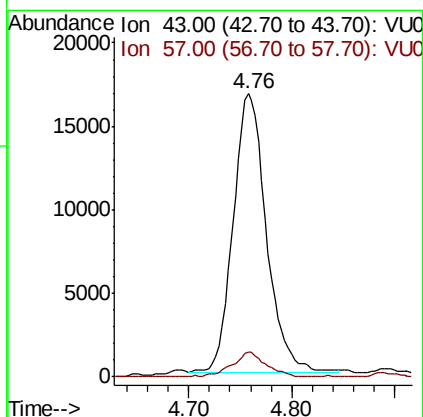
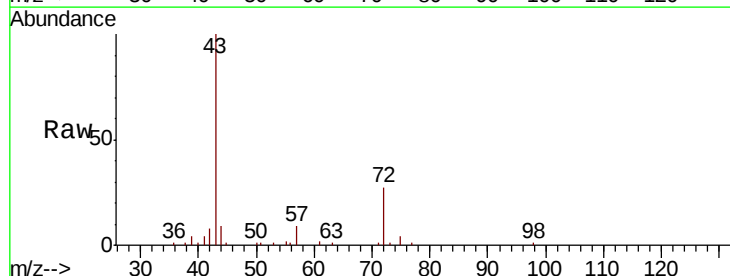
Instrument :
 MSVOA_U
 ClientSampled :

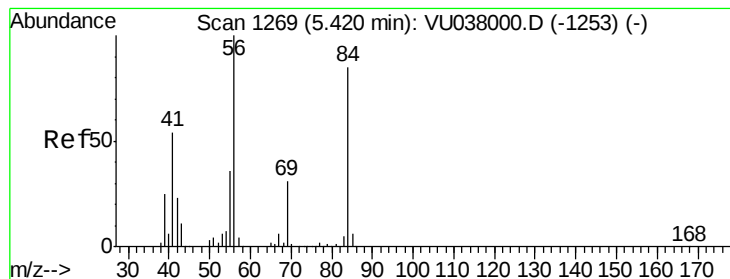
Tot Ion: 63 Resp: 48042
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.1 9.4
 100 4.8 2.2 6.6



#18
 2-Butanone
 Concen: 4.735 ug/l
 RT: 4.76 min Scan# 1063
 Delta R.T. 0.00 min
 Lab File: VU037997.D
 Acq: 04 May 2020 11:17

Tgt Ion: 43 Resp: 37303
 Ion Ratio Lower Upper
 43 100
 57 9.1 0.0 16.6





#19

Cyclohexane

Concen: 1.015 ug/l

RT: 5.42 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VU037997.D

Acq: 04 May 2020 11:17

Instrument :

MSVOA_U

ClientSampleId :

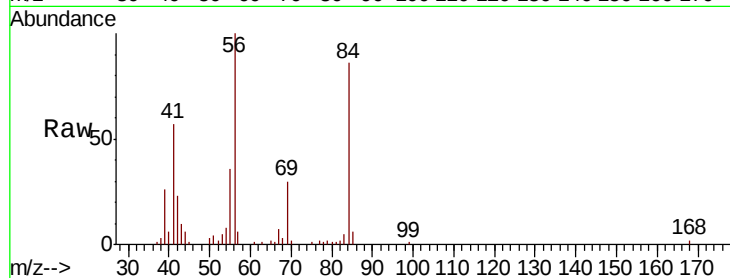
Tot Ion: 56 Resp: 42241

Ion Ratio Lower Upper

56 100

69 34.5 24.3 36.5

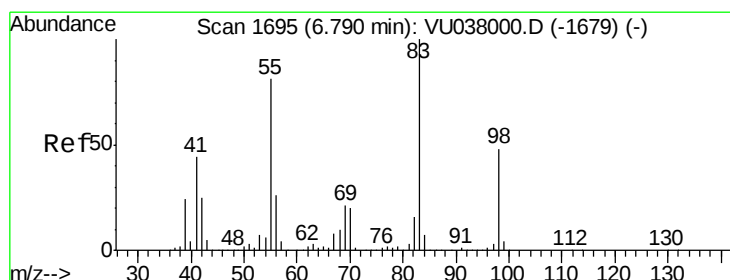
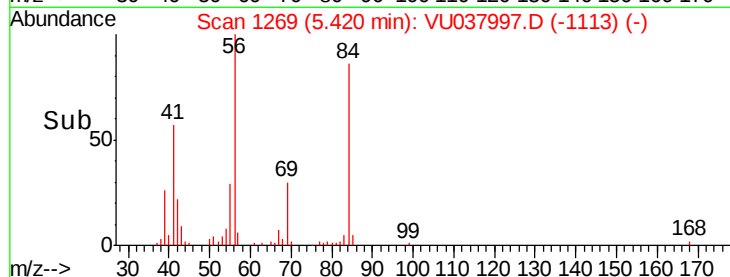
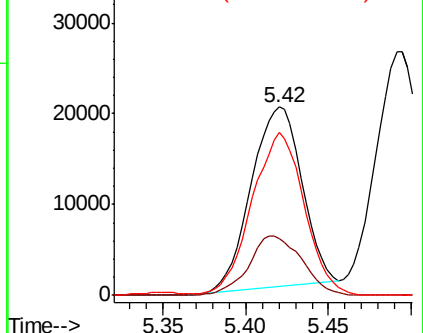
84 91.8 66.3 99.5



Abundance Ion 56.00 (55.70 to 56.70): VU037997.D (-1113) (-)

Ion 69.00 (68.70 to 69.70): VU037997.D (-1113) (-)

Ion 84.00 (83.70 to 84.70): VU037997.D (-1113) (-)



#20

Methylcyclohexane

Concen: 1.072 ug/l

RT: 6.79 min Scan# 1695

Delta R.T. 0.00 min

Lab File: VU037997.D

Acq: 04 May 2020 11:17

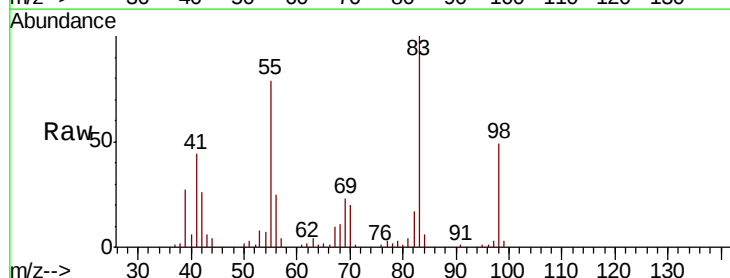
Tgt Ion: 83 Resp: 44240

Ion Ratio Lower Upper

83 100

55 80.3 61.5 92.3

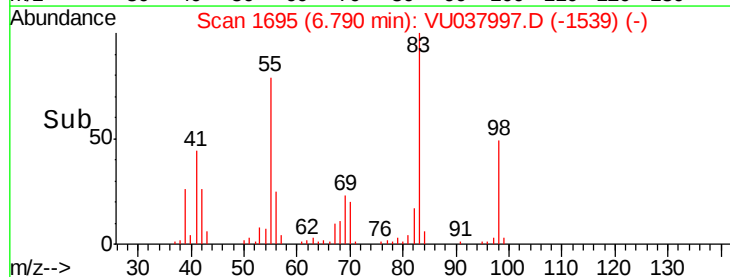
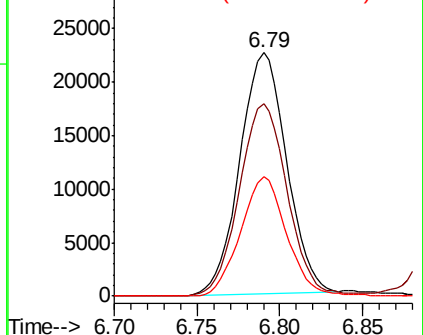
98 48.8 37.3 55.9

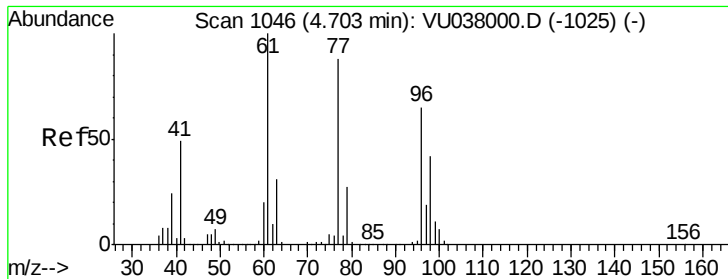


Abundance Ion 83.00 (82.70 to 83.70): VU037997.D (-1539) (-)

Ion 55.00 (54.70 to 55.70): VU037997.D (-1539) (-)

Ion 98.00 (97.70 to 98.70): VU037997.D (-1539) (-)





#21

2,2-Dichloropropane

Concen: 0.954 ug/l

RT: 4.70 min Scan# 1046

Delta R.T. 0.00 min

Lab File: VU037997.D

Acq: 04 May 2020 11:17

Instrument :

MSVOA_U

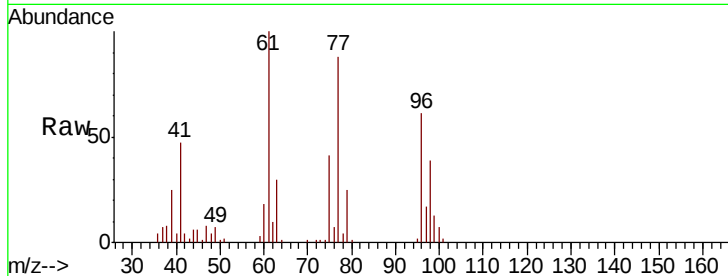
ClientSampled :

Tot Ion: 77 Resp: 41556

Ion Ratio Lower Upper

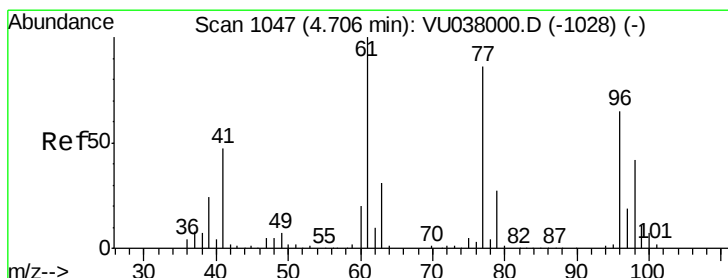
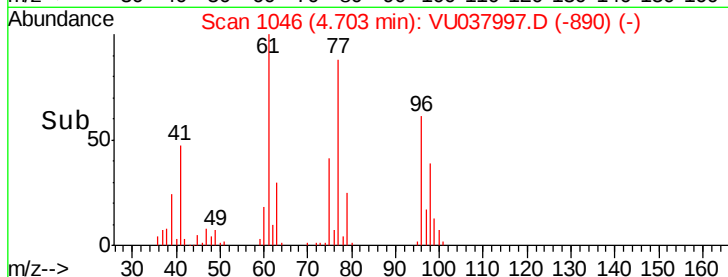
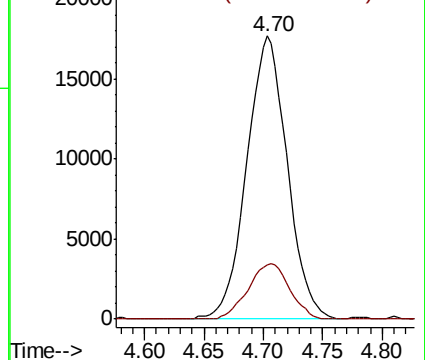
77 100

97 20.0 17.4 26.2



Abundance Ion 77.00 (76.70 to 77.70): VU037997.D (-890) (-)

Ion 97.00 (96.70 to 97.70): VU037997.D (-890) (-)



#22

cis-1,2-Dichloroethene

Concen: 1.050 ug/l

RT: 4.70 min Scan# 1046

Delta R.T. -0.00 min

Lab File: VU037997.D

Acq: 04 May 2020 11:17

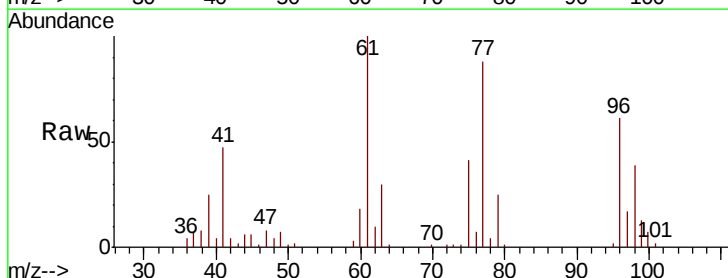
Tgt Ion: 96 Resp: 27191

Ion Ratio Lower Upper

96 100

61 160.5 0.0 389.3

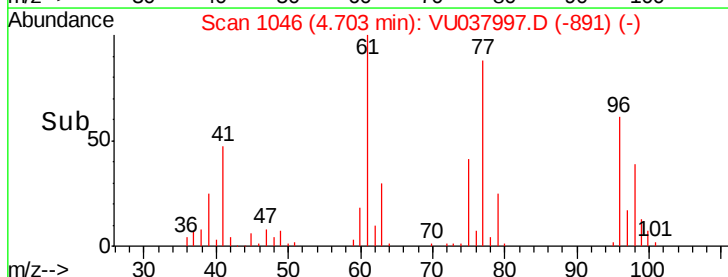
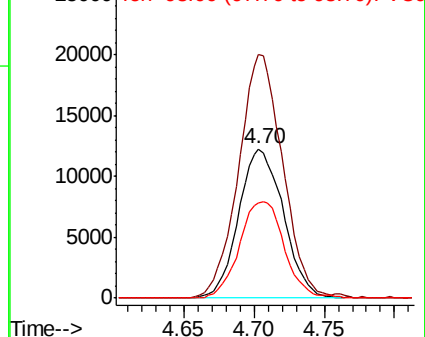
98 64.4 32.1 96.3

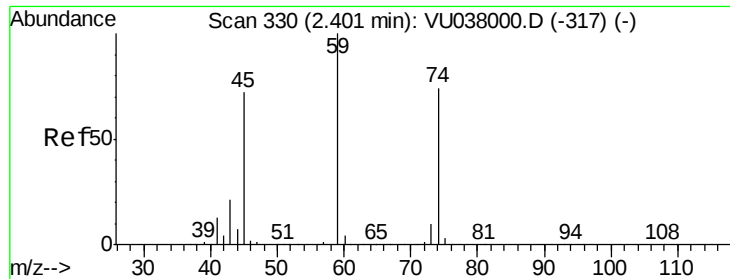


Abundance Ion 96.00 (95.70 to 96.70): VU037997.D (-891) (-)

Ion 61.00 (60.70 to 61.70): VU037997.D (-891) (-)

Ion 98.00 (97.70 to 98.70): VU037997.D (-891) (-)

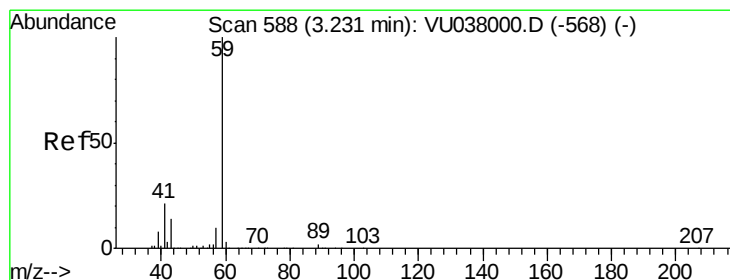
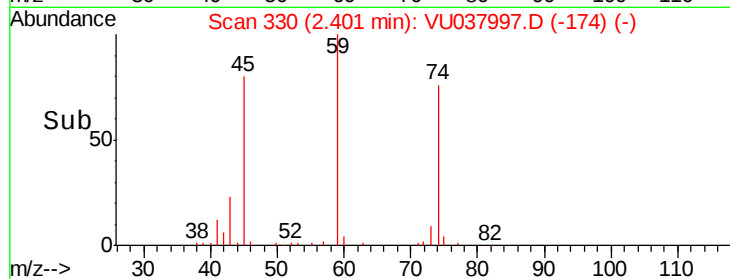
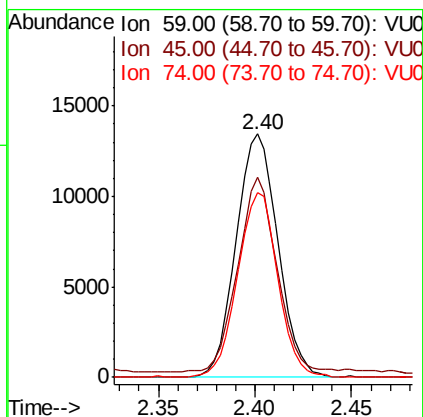
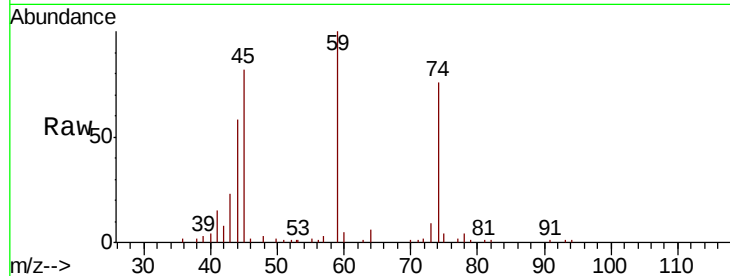




#23
Diethyl Ether
Concen: 1.172 ug/l
RT: 2.40 min Scan# 330
Delta R.T. 0.00 min
Lab File: VU037997.D
Acq: 04 May 2020 11:17

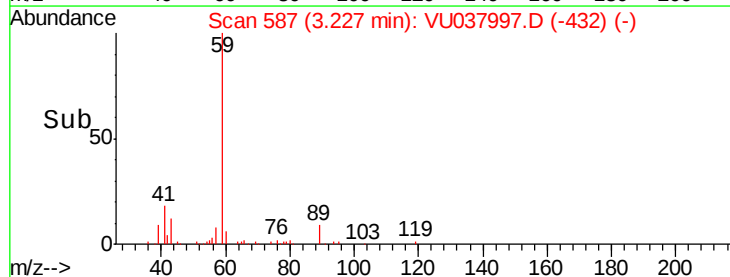
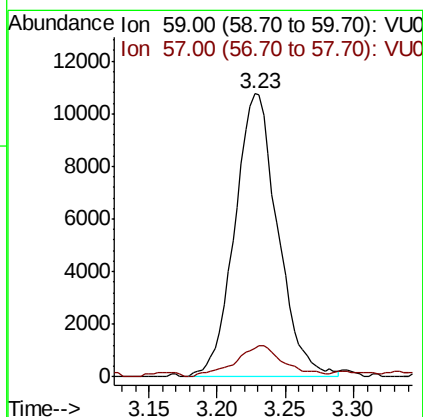
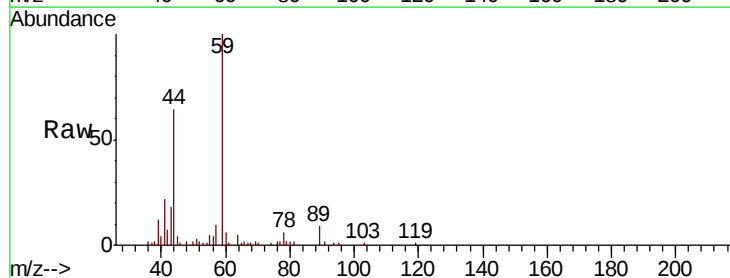
Instrument :
MSVOA_U
ClientSampleId :

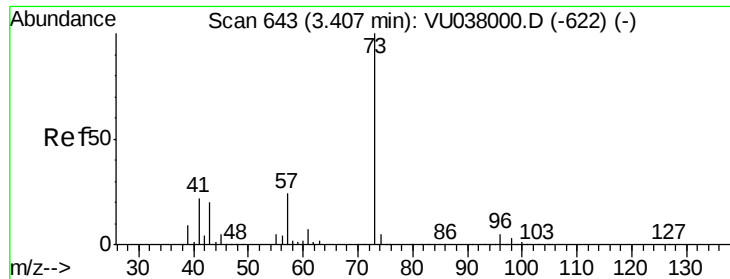
Tot Ion: 59 Resp: 20210
Ion Ratio Lower Upper
59 100
45 75.3 59.8 89.6
74 73.2 58.2 87.4



#24
tert-Butyl Alcohol
Concen: 12.737 ug/l
RT: 3.23 min Scan# 587
Delta R.T. -0.00 min
Lab File: VU037997.D
Acq: 04 May 2020 11:17

Tgt Ion: 59 Resp: 23526
Ion Ratio Lower Upper
59 100
57 12.1 8.2 12.4



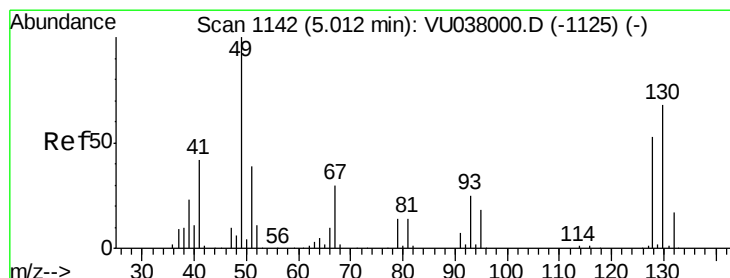
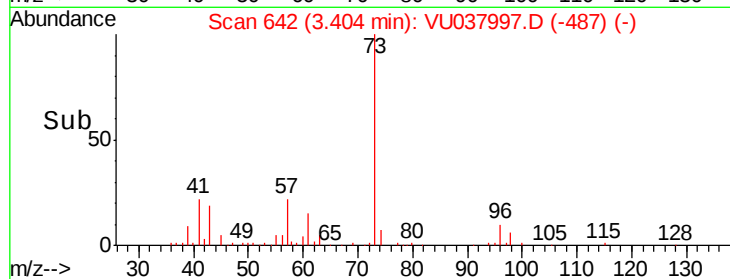
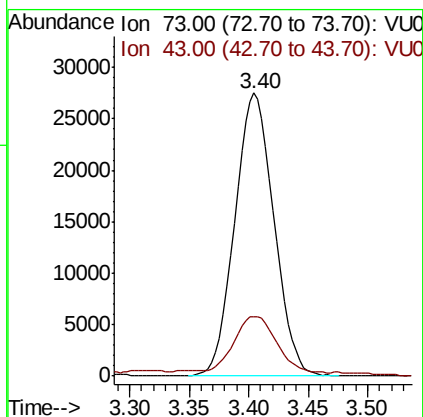
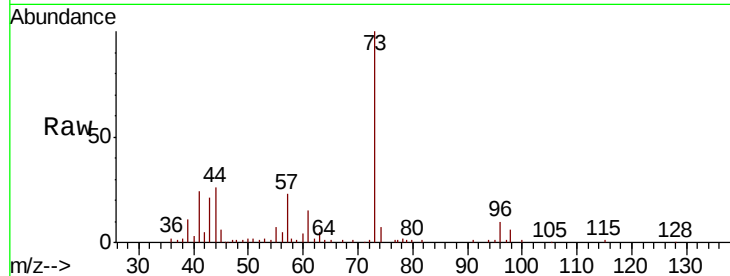


#25

Methyl tert-Butyl Ether
 Concen: 1.072 ug/l
 RT: 3.40 min Scan# 642
 Delta R.T. -0.00 min
 Lab File: VU037997.D
 Acq: 04 May 2020 11:17

Instrument :
 MSVOA_U
 ClientSampled :

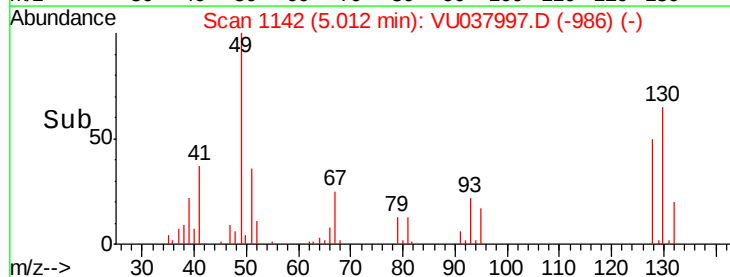
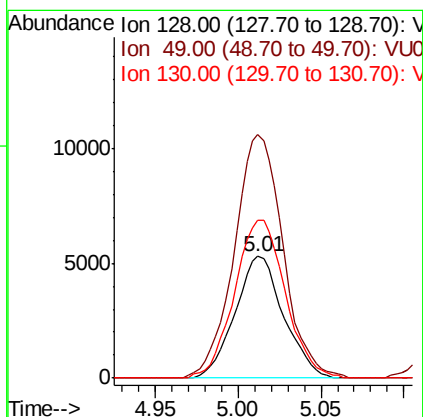
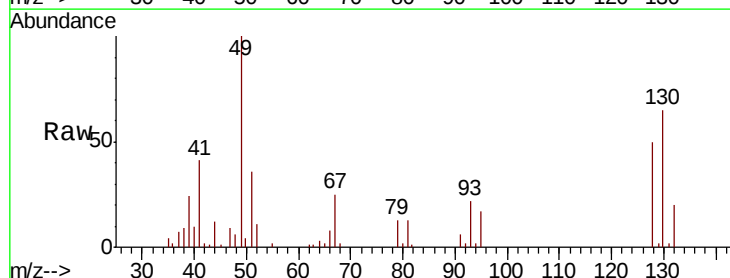
Tot Ion: 73 Resp: 62632
 Ion Ratio Lower Upper
 73 100
 43 25.2 16.2 24.2#

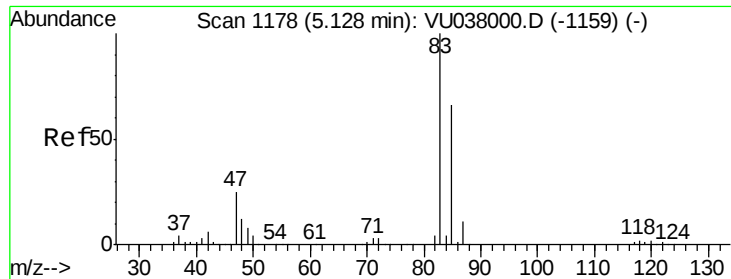


#26

Bromochloromethane
 Concen: 0.960 ug/l
 RT: 5.01 min Scan# 1142
 Delta R.T. 0.00 min
 Lab File: VU037997.D
 Acq: 04 May 2020 11:17

Tgt Ion: 128 Resp: 10801
 Ion Ratio Lower Upper
 128 100
 49 201.1 0.0 376.0
 130 135.9 102.6 153.8

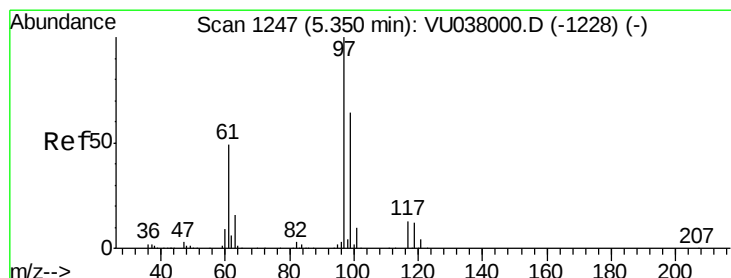
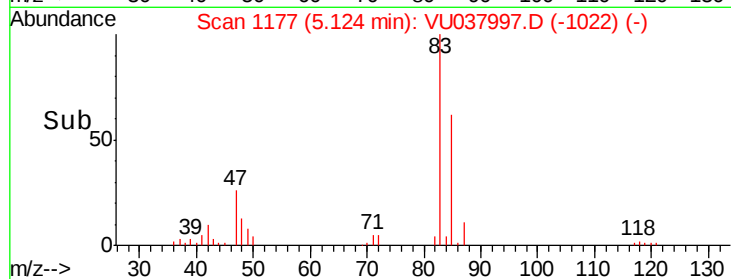
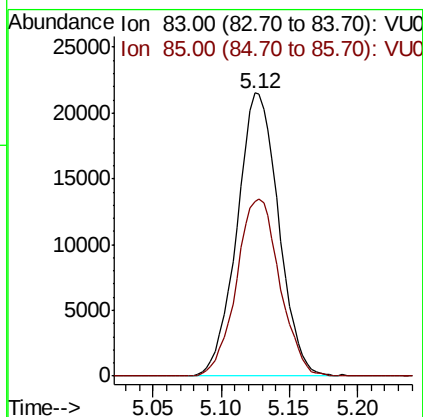
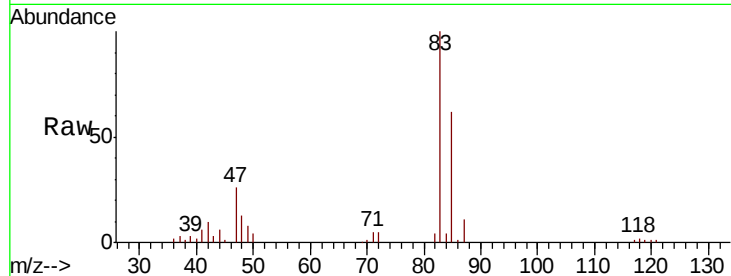




#27
Chloroform
Concen: 0.890 ug/l
RT: 5.12 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VU037997.D
Acq: 04 May 2020 11:17

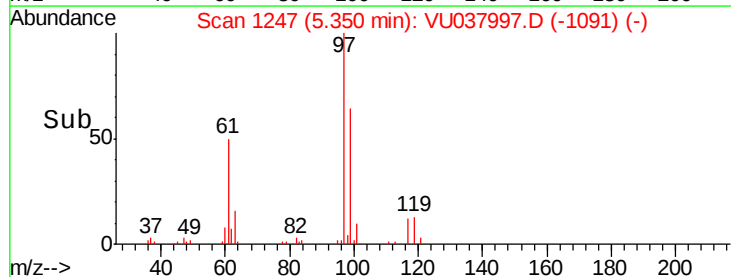
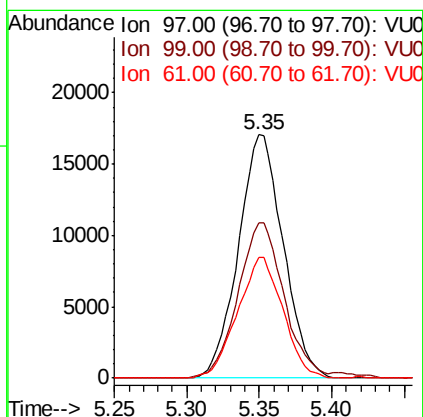
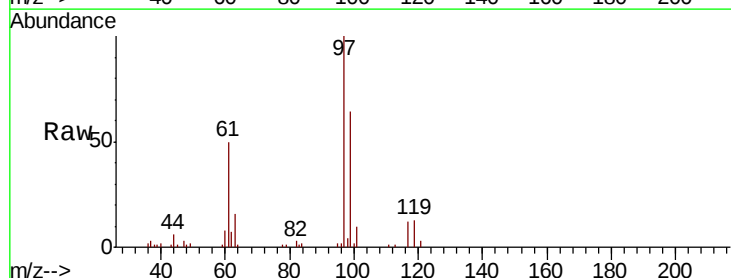
Instrument :
MSVOA_U
ClientSampled :

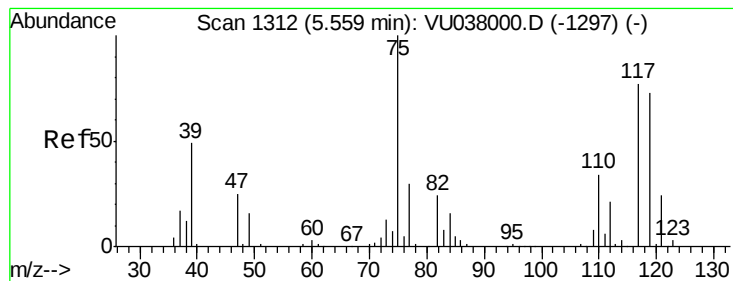
Tot Ion: 83 Resp: 45533
Ion Ratio Lower Upper
83 100
85 61.7 0.0 132.0



#28
1,1,1-Trichloroethane
Concen: 0.846 ug/l
RT: 5.35 min Scan# 1247
Delta R.T. 0.00 min
Lab File: VU037997.D
Acq: 04 May 2020 11:17

Tgt Ion: 97 Resp: 36643
Ion Ratio Lower Upper
97 100
99 65.2 31.9 95.9
61 50.1 24.1 72.4





#29

1,1-Dichloropropene

Concen: 1.034 ug/l

RT: 5.56 min Scan# 1312

Delta R.T. 0.00 min

Lab File: VU037997.D

Acq: 04 May 2020 11:17

Instrument :

MSVOA_U

ClientSampleId :

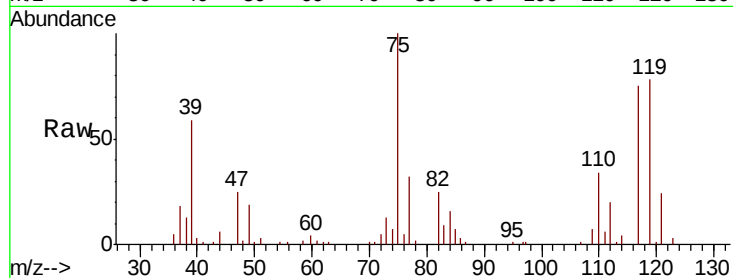
Tot Ion: 75 Resp: 37403

Ion Ratio Lower Upper

75 100

110 32.6 16.7 50.1

77 34.0 24.5 36.7

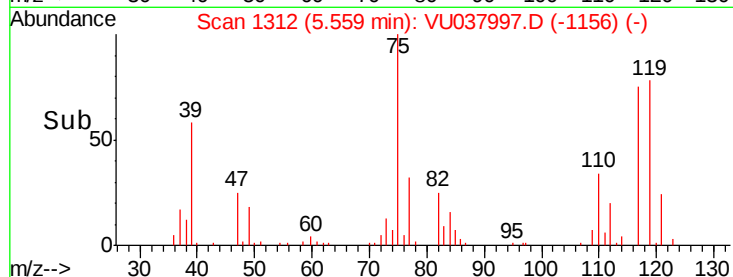


Abundance Ion 75.00 (74.70 to 75.70): VU038000.D (-1297) (-)

Ion 110.00 (109.70 to 110.70): VU038000.D (-1297) (-)

Ion 77.00 (76.70 to 77.70): VU038000.D (-1297) (-)

Time-->

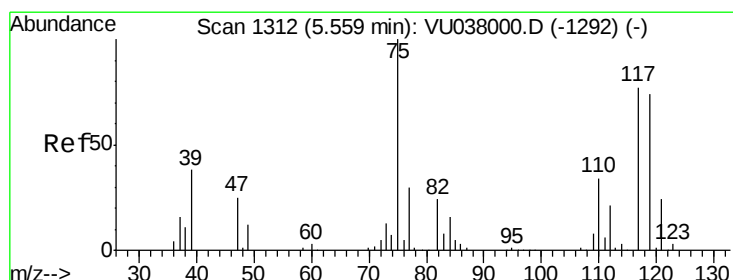


Abundance Ion 75.00 (74.70 to 75.70): VU037997.D (-1156) (-)

Ion 110.00 (109.70 to 110.70): VU037997.D (-1156) (-)

Ion 77.00 (76.70 to 77.70): VU037997.D (-1156) (-)

Time-->



#30

Carbon Tetrachloride

Concen: 0.808 ug/l

RT: 5.56 min Scan# 1311

Delta R.T. -0.00 min

Lab File: VU037997.D

Acq: 04 May 2020 11:17

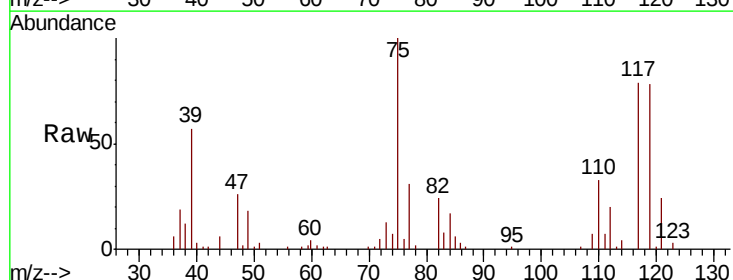
Tgt Ion: 117 Resp: 30301

Ion Ratio Lower Upper

117 100

119 99.3 76.3 114.5

121 30.8 24.7 37.1

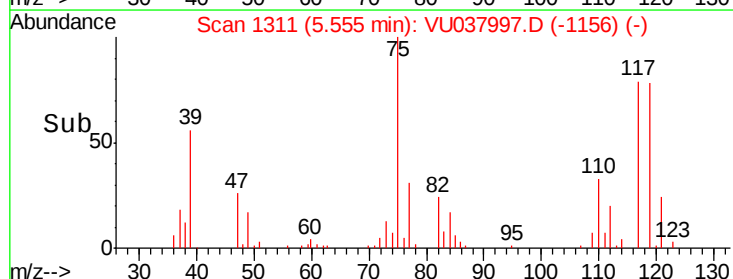


Abundance Ion 117.00 (116.70 to 117.70): VU038000.D (-1292) (-)

Ion 119.00 (118.70 to 119.70): VU038000.D (-1292) (-)

Ion 121.00 (120.70 to 121.70): VU038000.D (-1292) (-)

Time-->

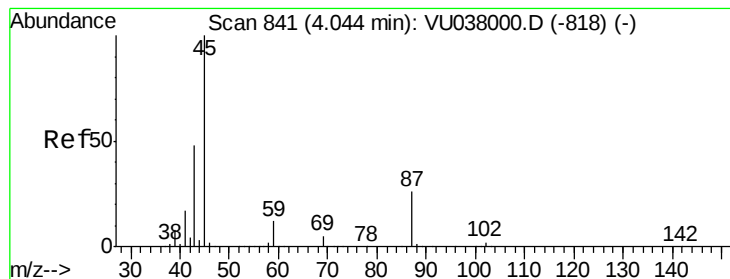


Abundance Ion 117.00 (116.70 to 117.70): VU037997.D (-1156) (-)

Ion 119.00 (118.70 to 119.70): VU037997.D (-1156) (-)

Ion 121.00 (120.70 to 121.70): VU037997.D (-1156) (-)

Time-->



#31

Isopropyl Ether

Concen: 1.023 ug/l

RT: 4.04 min Scan# 840

Delta R.T. -0.00 min

Lab File: VU037997.D

Acq: 04 May 2020 11:17

Instrument :

MSVOA_U

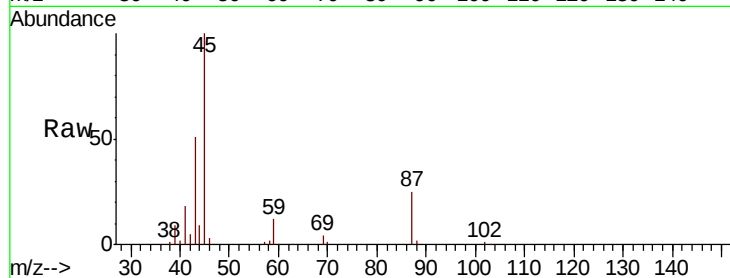
ClientSampleId :

Tot Ion: 45 Resp: 78983

Ion Ratio Lower Upper

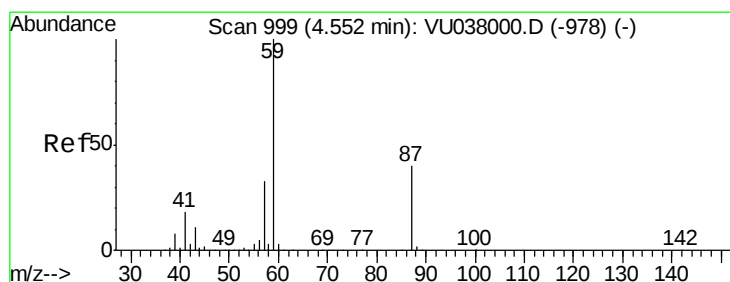
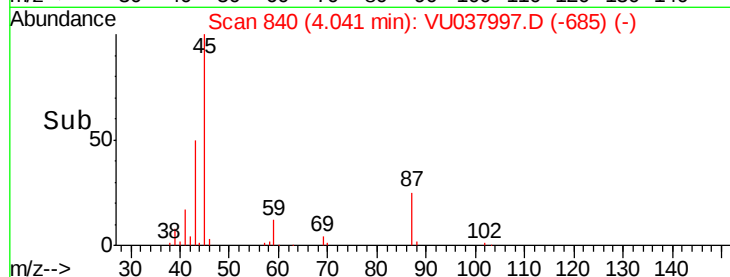
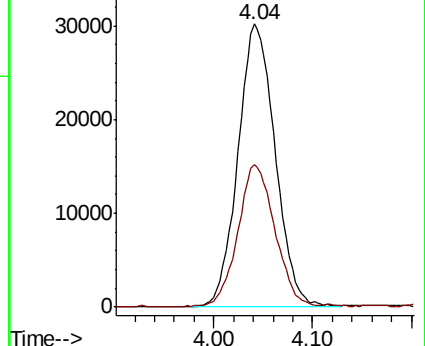
45 100

43 49.1 24.2 72.6



Abundance Ion 45.00 (44.70 to 45.70): VU037997.D (-840) (-)

Ion 43.00 (42.70 to 43.70): VU037997.D (-840) (-)



#32

Ethyl-t-butyl ether

Concen: 0.982 ug/l

RT: 4.55 min Scan# 998

Delta R.T. -0.00 min

Lab File: VU037997.D

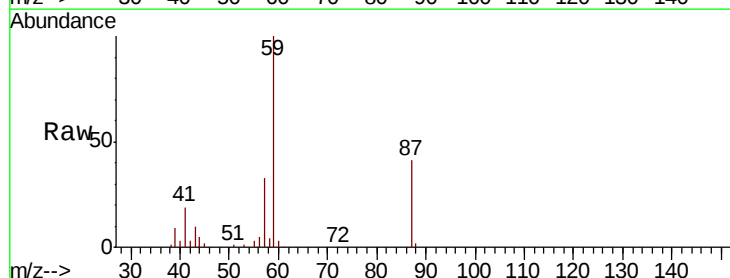
Acq: 04 May 2020 11:17

Tgt Ion: 59 Resp: 71056

Ion Ratio Lower Upper

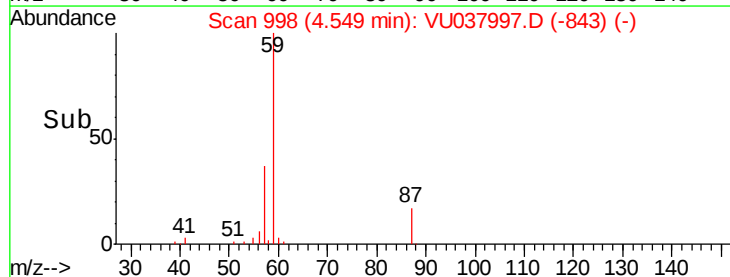
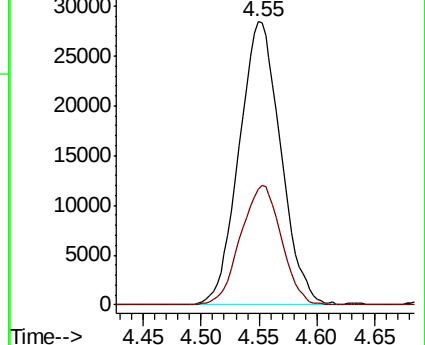
59 100

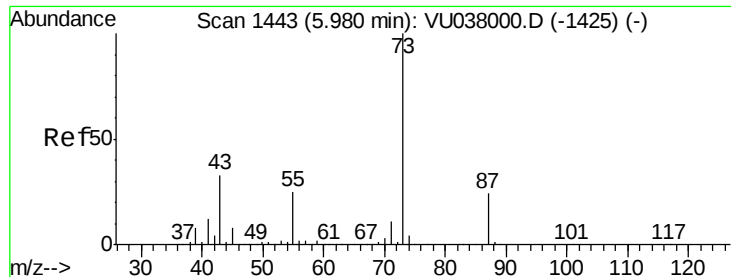
87 41.3 32.4 48.6



Abundance Ion 59.00 (58.70 to 59.70): VU037997.D (-843) (-)

Ion 87.00 (86.70 to 87.70): VU037997.D (-843) (-)

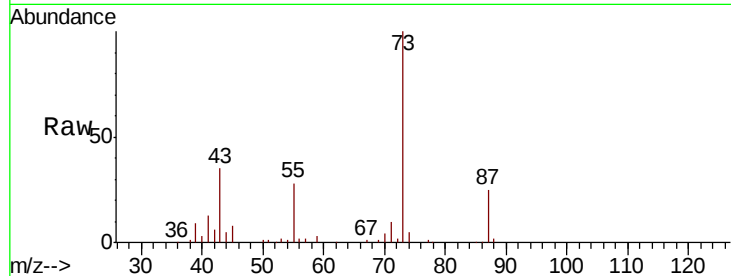




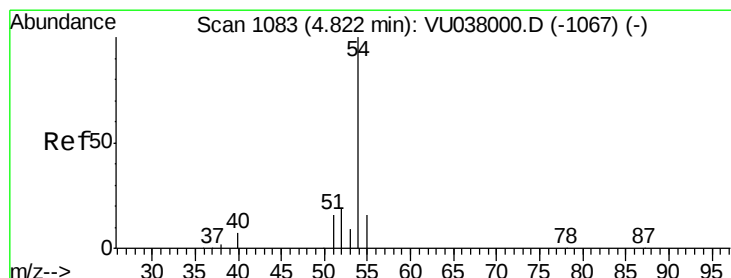
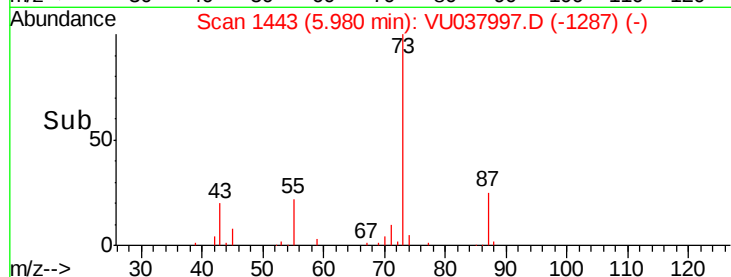
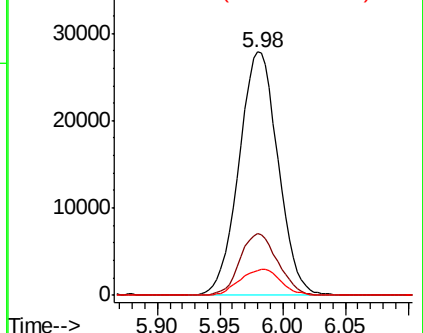
#33
Tert-Butyl methyl ether
Concen: 0.974 ug/l
RT: 5.98 min Scan# 1443
Delta R.T. 0.00 min
Lab File: VU037997.D
Acq: 04 May 2020 11:17

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 73 Resp: 60397
Ion Ratio Lower Upper
73 100
87 24.5 18.9 28.3
71 11.1 9.1 13.7

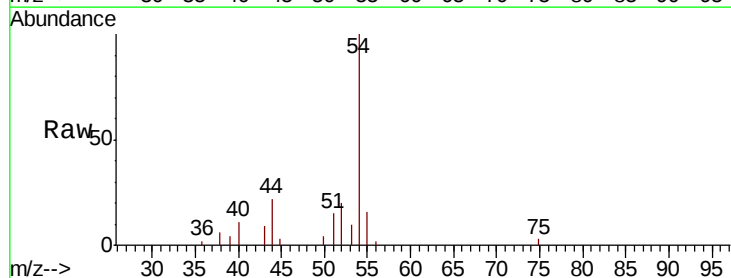


Abundance Ion 73.00 (72.70 to 73.70): VU0
Ion 87.00 (86.70 to 87.70): VU0
Ion 71.00 (70.70 to 71.70): VU0

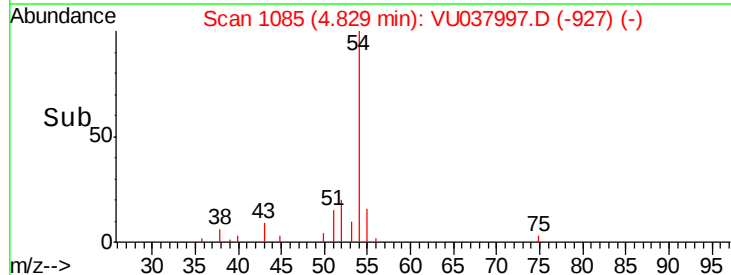
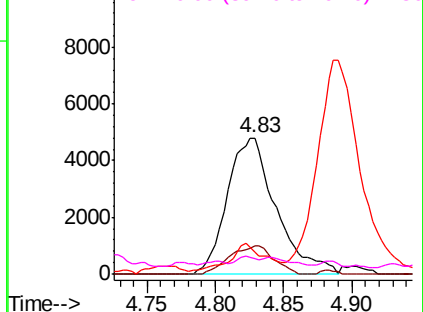


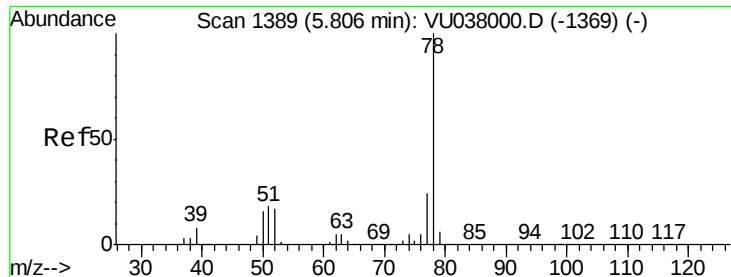
#34
Propionitrile
Concen: 5.722 ug/l
RT: 4.83 min Scan# 1085
Delta R.T. 0.01 min
Lab File: VU037997.D
Acq: 04 May 2020 11:17

Tgt Ion: 54 Resp: 11879
Ion Ratio Lower Upper
54 100
52 18.5 15.8 23.8
55 15.7 13.2 19.8
40 2.0 5.2 7.8#



Abundance Ion 54.00 (53.70 to 54.70): VU0
Ion 52.00 (51.70 to 52.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 40.00 (39.70 to 40.70): VU0





#35

Benzene

Concen: 1.030 ug/l

RT: 5.81 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VU037997.D

Acq: 04 May 2020 11:17

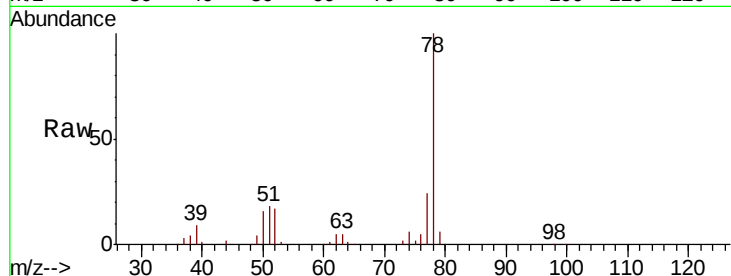
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 78 Resp: 105643

Ion Ratio Lower Upper

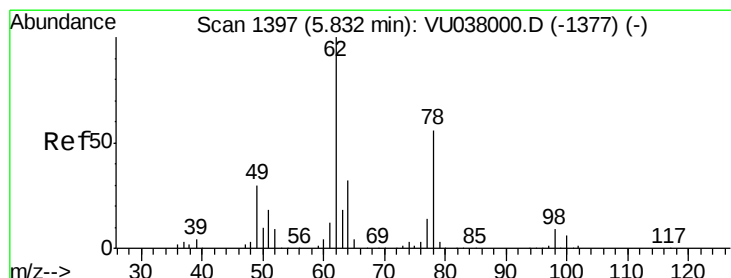
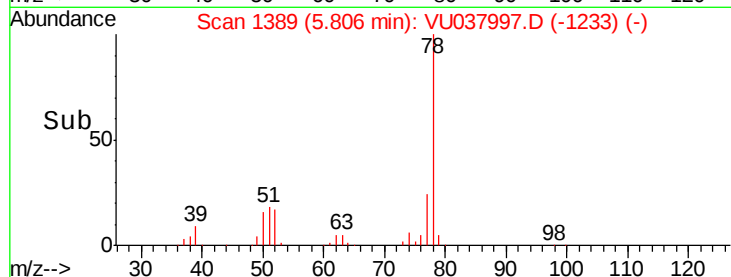
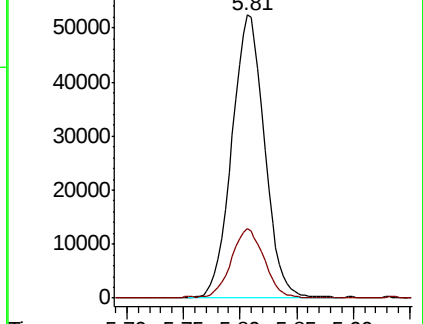
78 100

77 24.2 19.3 28.9



Abundance Ion 78.10 (77.80 to 78.80): VU037997.D (-1233) (-)

Ion 77.00 (76.70 to 77.70): VU037997.D (-1233) (-)



#36

1,2-Dichloroethane

Concen: 0.864 ug/l

RT: 5.83 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VU037997.D

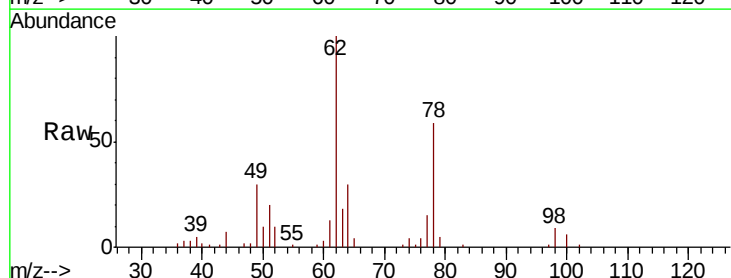
Acq: 04 May 2020 11:17

Tgt Ion: 62 Resp: 31296

Ion Ratio Lower Upper

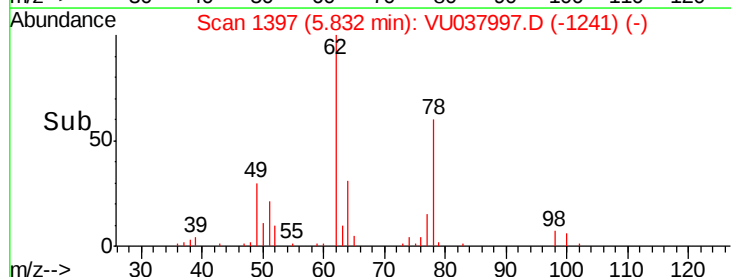
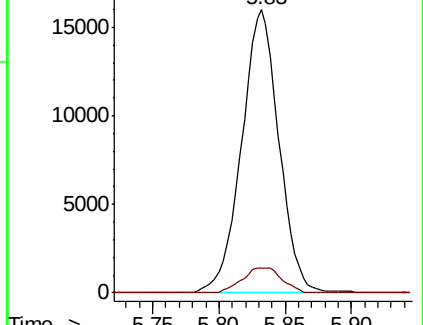
62 100

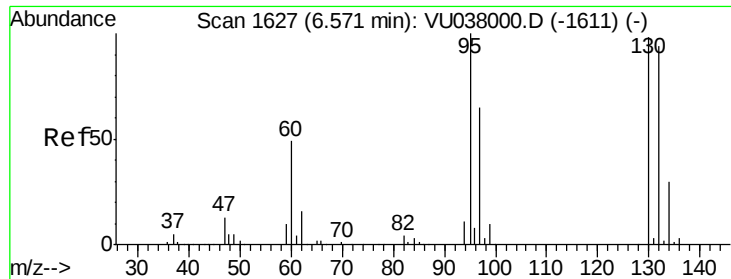
98 9.4 7.3 10.9



Abundance Ion 62.00 (61.70 to 62.70): VU037997.D (-1241) (-)

Ion 98.00 (97.70 to 98.70): VU037997.D (-1241) (-)

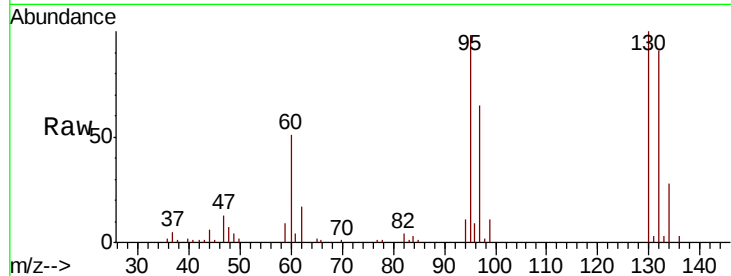




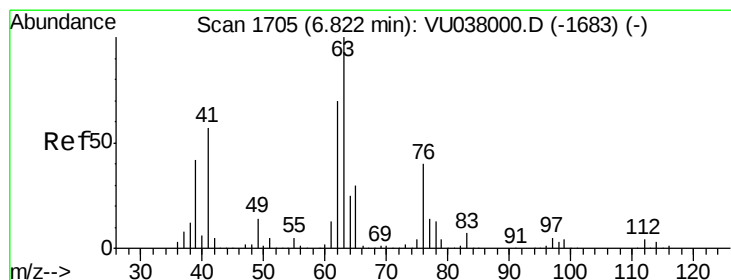
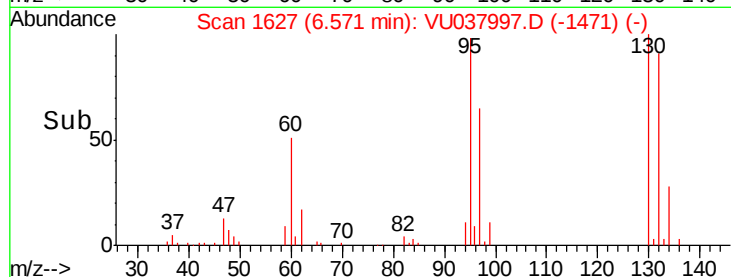
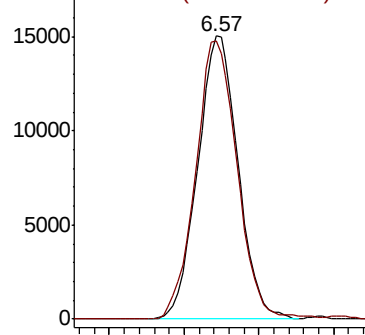
#37
 Trichloroethene
 Concen: 1.045 ug/l
 RT: 6.57 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VU037997.D
 Acq: 04 May 2020 11:17

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:130 Resp: 28171
 Ion Ratio Lower Upper
 130 100
 95 98.4 81.6 122.4

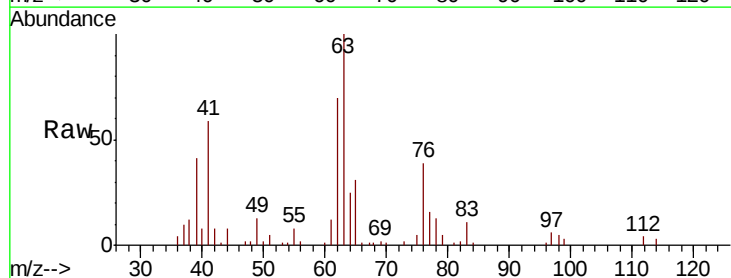


Abundance Ion 129.90 (129.60 to 130.60): VU038000.D (-1611) (-)
 Ion 94.90 (94.60 to 95.60): VU038000.D (-1611) (-)

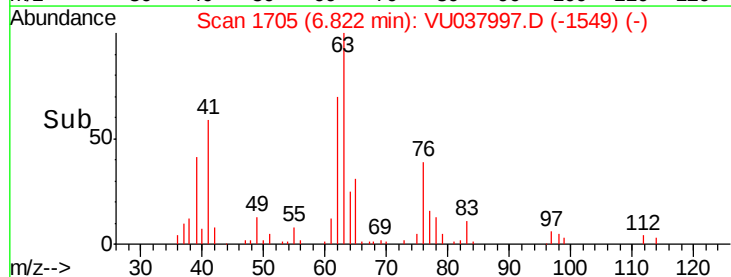
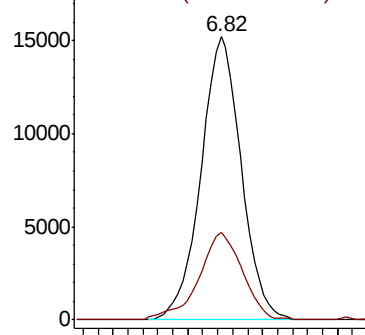


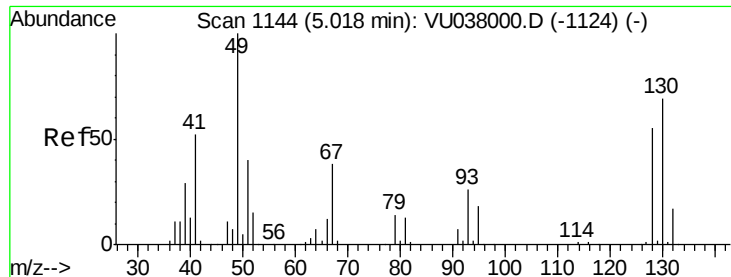
#38
 1,2-Dichloropropane
 Concen: 1.016 ug/l
 RT: 6.82 min Scan# 1705
 Delta R.T. 0.00 min
 Lab File: VU037997.D
 Acq: 04 May 2020 11:17

Tgt Ion: 63 Resp: 28482
 Ion Ratio Lower Upper
 63 100
 65 31.0 24.1 36.1



Abundance Ion 63.00 (62.70 to 63.70): VU038000.D (-1683) (-)
 Ion 65.00 (64.70 to 65.70): VU038000.D (-1683) (-)

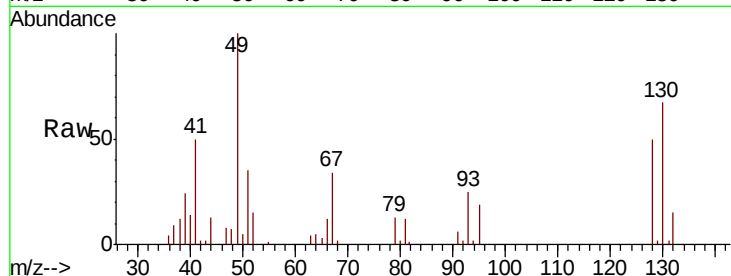




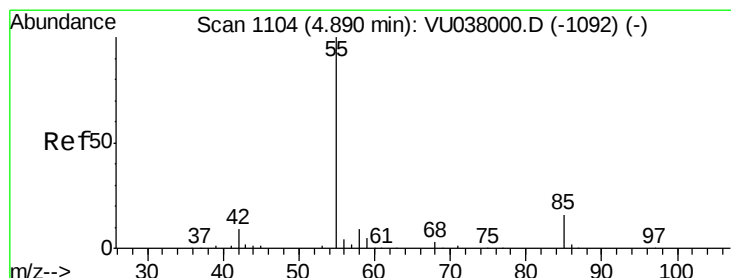
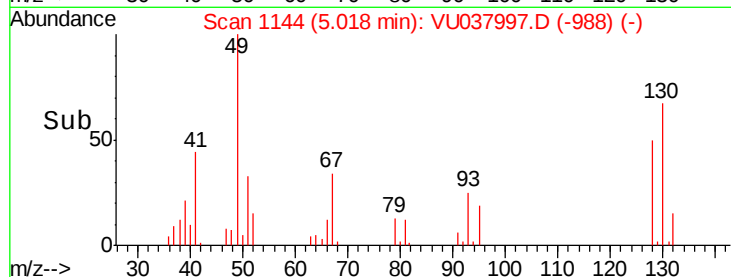
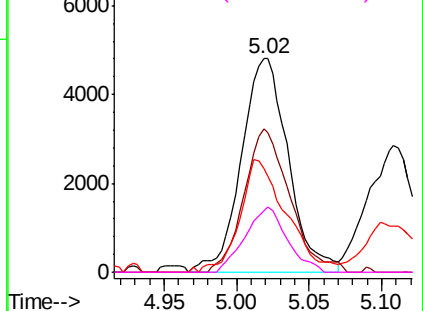
#39
Methacrylonitrile
Concen: 1.095 ug/l
RT: 5.02 min Scan# 1144
Delta R.T. 0.00 min
Lab File: VU037997.D
Acq: 04 May 2020 11:17

Instrument :
MSVOA_U
ClientSampled :

Tot Ion:	41	Resp:	10854
Ion	Ratio	Lower	Upper
41	100		
67	65.2	58.0	87.0
39	51.9	43.2	64.8
52	27.3	22.9	34.3

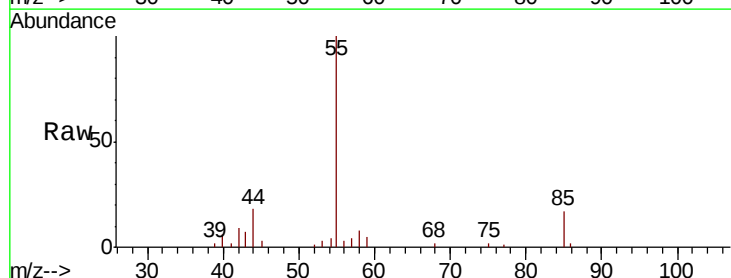


Abundance Ion 41.00 (40.70 to 41.70): VU0
Ion 67.00 (66.70 to 67.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 52.00 (51.70 to 52.70): VU0

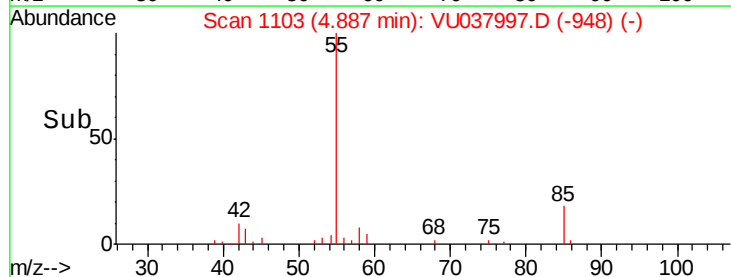
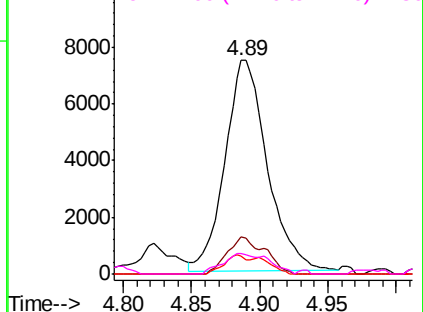


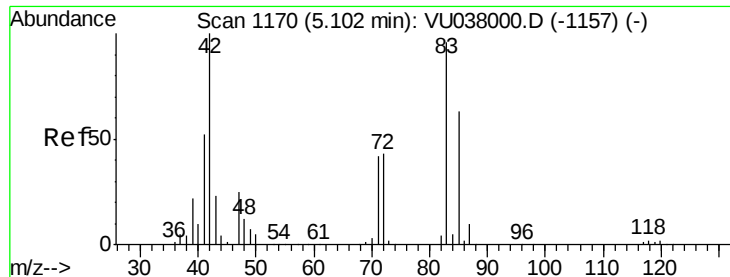
#40
Methyl acrylate
Concen: 1.141 ug/l
RT: 4.89 min Scan# 1103
Delta R.T. -0.00 min
Lab File: VU037997.D
Acq: 04 May 2020 11:17

Tgt Ion:	55	Resp:	15988
Ion	Ratio	Lower	Upper
55	100		
85	15.6	12.9	19.3
58	5.1	7.2	10.8#
42	10.5	8.1	12.1



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: 2.223 ug/l

RT: 5.10 min Scan# 1170

Delta R.T. 0.00 min

Lab File: VU037997.D

Acq: 04 May 2020 11:17

Instrument :
MSVOA_U
ClientSampleId :

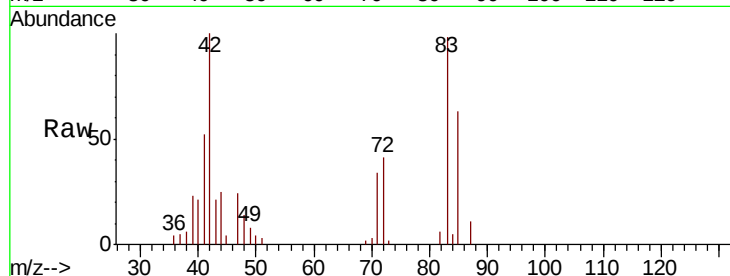
Tot Ion: 42 Resp: 10985

Ion Ratio Lower Upper

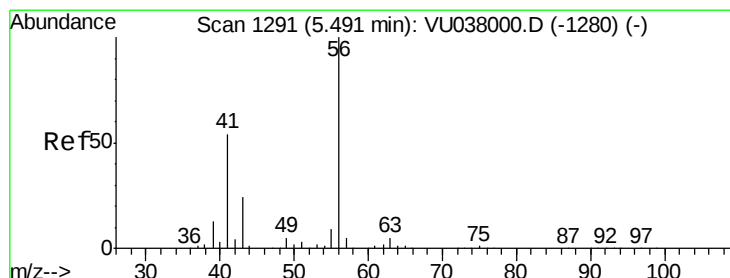
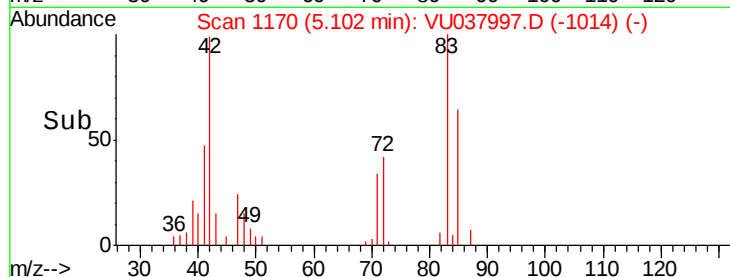
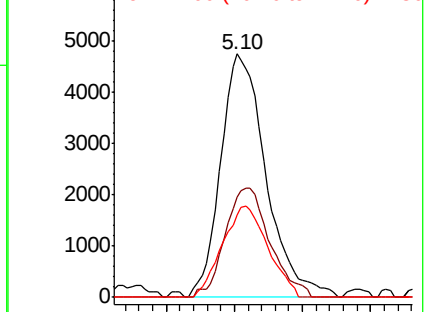
42 100

72 44.3 37.4 56.2

71 37.4 32.8 49.2



Abundance Ion 42.00 (41.70 to 42.70): VU0
Ion 72.00 (71.70 to 72.70): VU0
Ion 71.00 (70.70 to 71.70): VU0



#42

1-Chlorobutane

Concen: 1.034 ug/l

RT: 5.49 min Scan# 1291

Delta R.T. 0.00 min

Lab File: VU037997.D

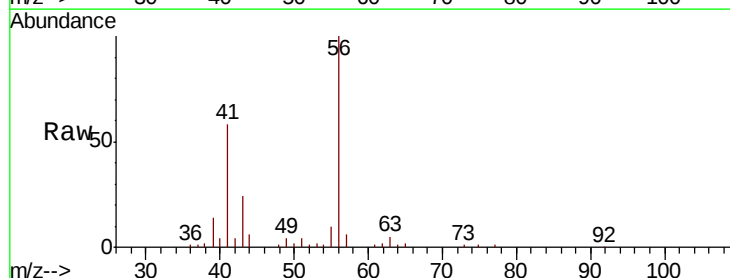
Acq: 04 May 2020 11:17

Tgt Ion: 56 Resp: 53741

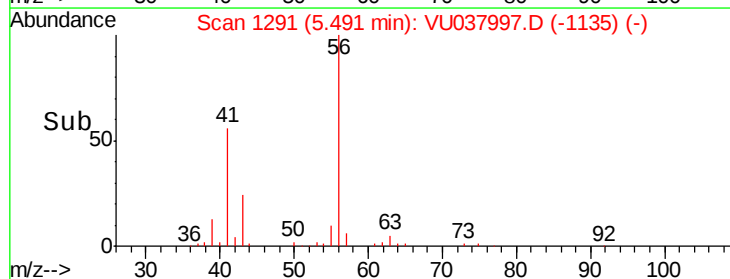
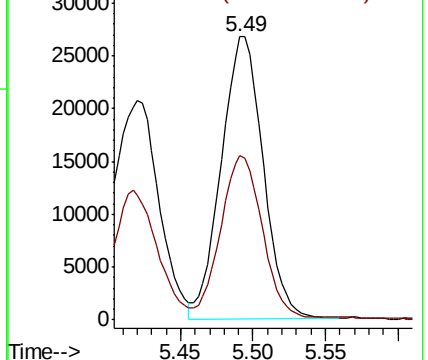
Ion Ratio Lower Upper

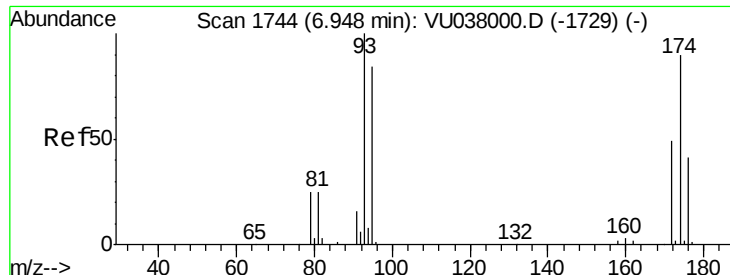
56 100

41 55.9 26.8 80.4



Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 41.00 (40.70 to 41.70): VU0





#43

Dibromomethane

Concen: 0.917 ug/l

RT: 6.95 min Scan# 1744

Delta R.T. 0.00 min

Lab File: VU037997.D

Acq: 04 May 2020 11:17

Instrument :

MSVOA_U

ClientSampled :

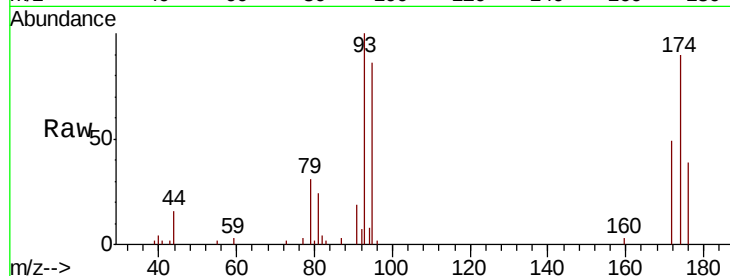
Tot Ion: 93 Resp: 12985

Ion Ratio Lower Upper

93 100

95 85.3 66.1 99.1

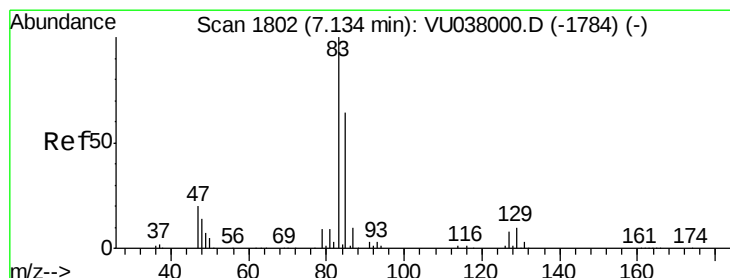
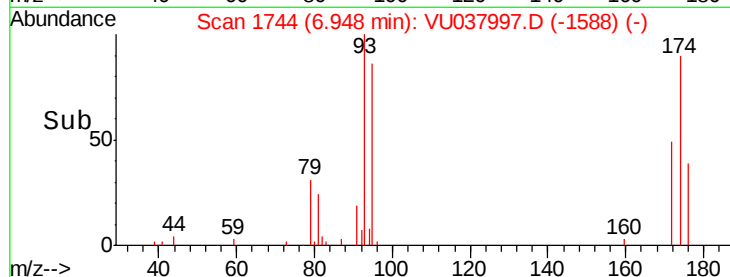
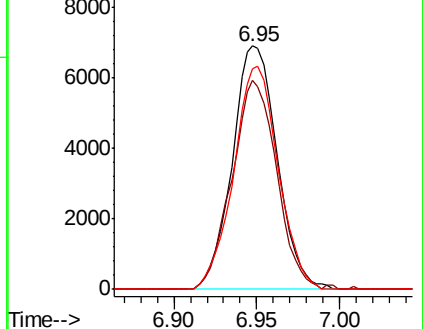
174 90.9 72.8 109.2



Abundance Ion 93.00 (92.70 to 93.70): VU038000.D (-1729) (-)

Ion 95.00 (94.70 to 95.70): VU038000.D (-1729) (-)

Ion 174.00 (173.70 to 174.70): VU038000.D (-1729) (-)



#44

Bromodichloromethane

Concen: 0.904 ug/l

RT: 7.13 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VU037997.D

Acq: 04 May 2020 11:17

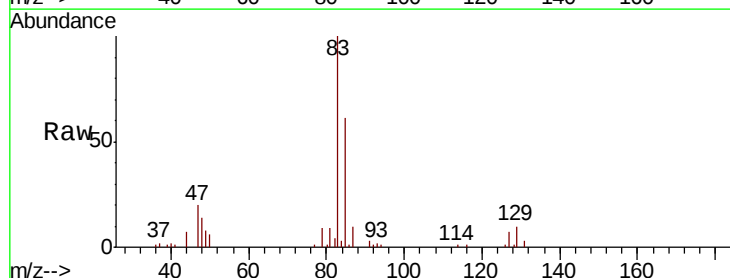
Tgt Ion: 83 Resp: 33158

Ion Ratio Lower Upper

83 100

85 61.3 51.4 77.0

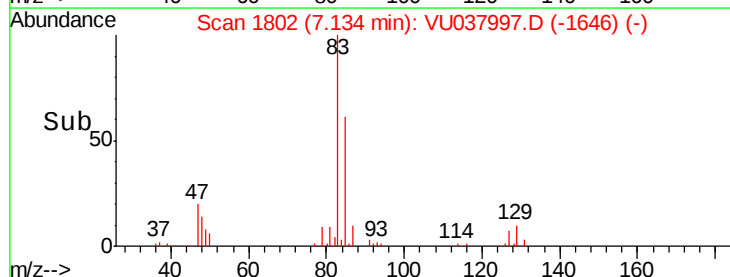
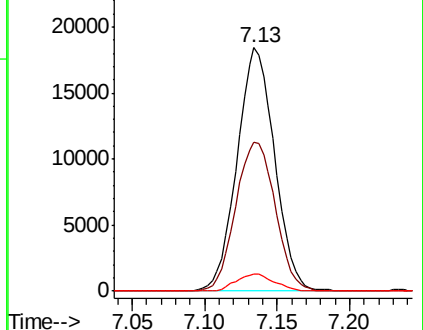
127 7.2 6.2 9.2

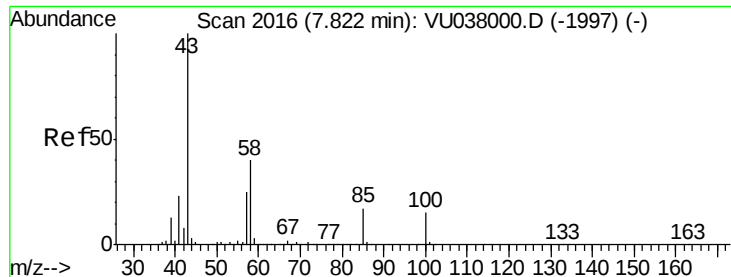


Abundance Ion 83.00 (82.70 to 83.70): VU038000.D (-1784) (-)

Ion 85.00 (84.70 to 85.70): VU038000.D (-1784) (-)

Ion 127.00 (126.70 to 127.70): VU038000.D (-1784) (-)

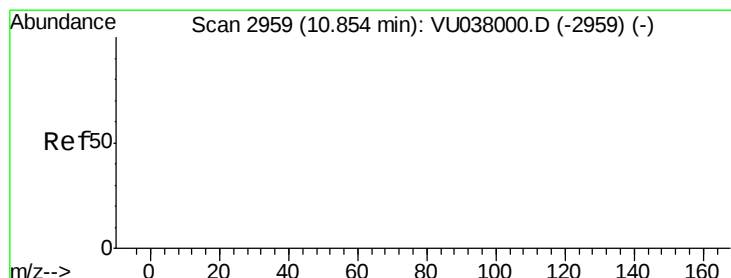
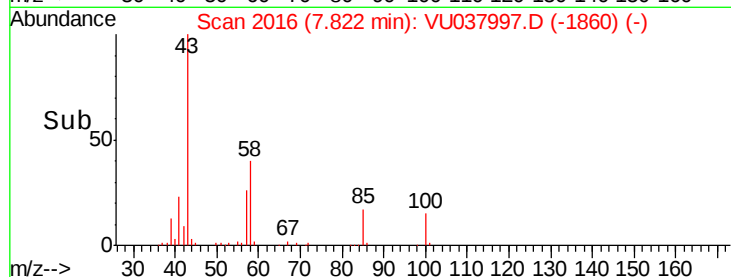
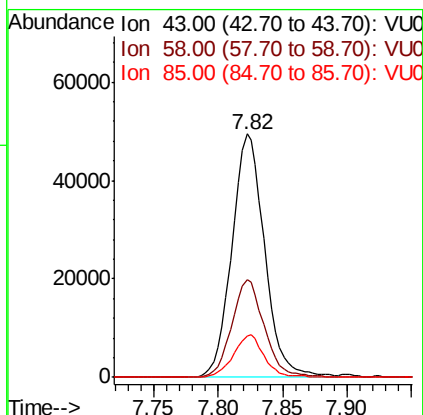
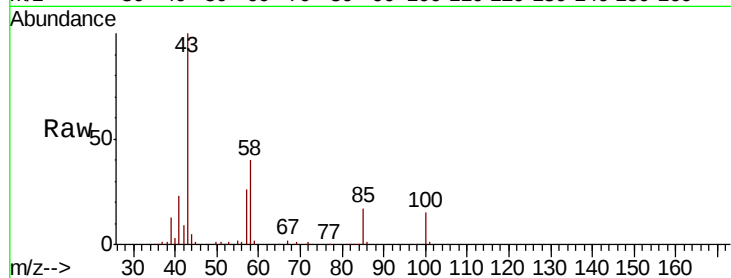




#45
4-Methyl-2-Pentanone
Concen: 4.596 ug/l
RT: 7.82 min Scan# 2016
Delta R.T. 0.00 min
Lab File: VU037997.D
Acq: 04 May 2020 11:17

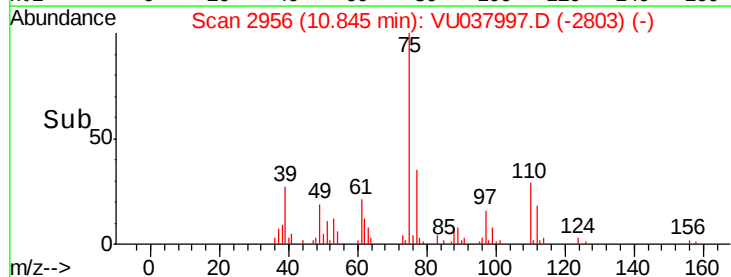
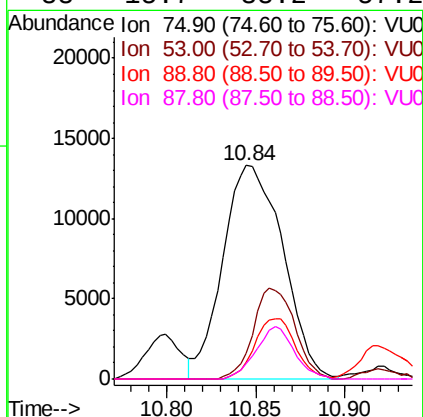
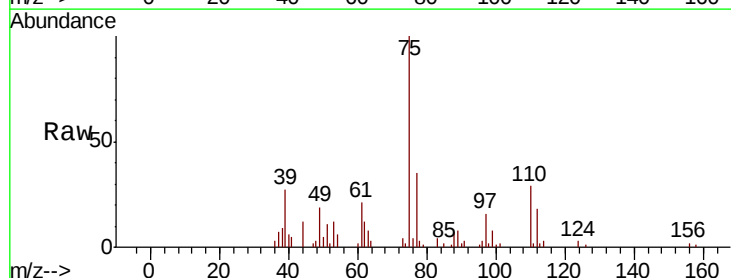
Instrument :
MSVOA_U
ClientSampled :

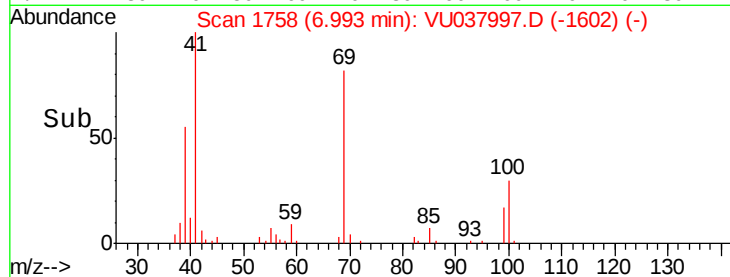
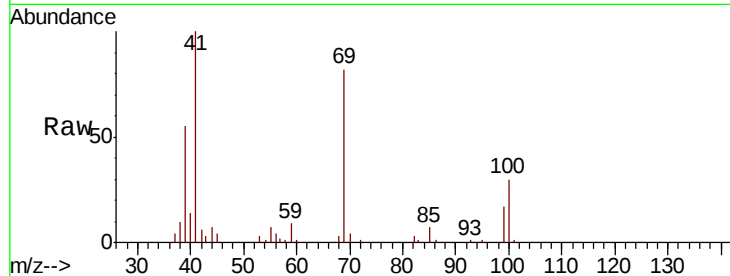
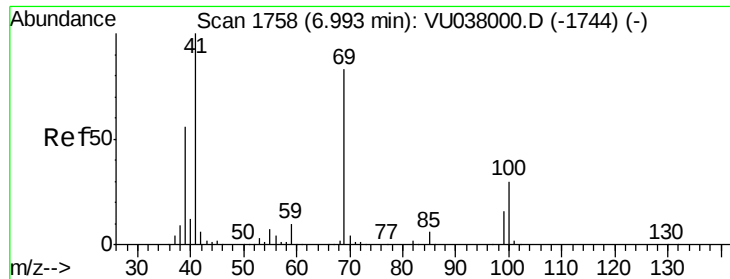
Tot Ion	43	Resp	87500
Ion Ratio	Lower	Upper	
43	100		
58	39.7	20.1	60.3
85	16.3	13.7	20.5



#46
t-1,4-Dichloro-2-butene
Concen: 6.009 ug/l
RT: 10.84 min Scan# 2956
Delta R.T. -0.01 min
Lab File: VU037997.D
Acq: 04 May 2020 11:17

Tgt Ion	75	Resp	31228
Ion Ratio	Lower	Upper	
75	100		
53	29.5	81.1	121.7#
89	19.3	53.2	79.8#
88	15.7	38.2	57.2#

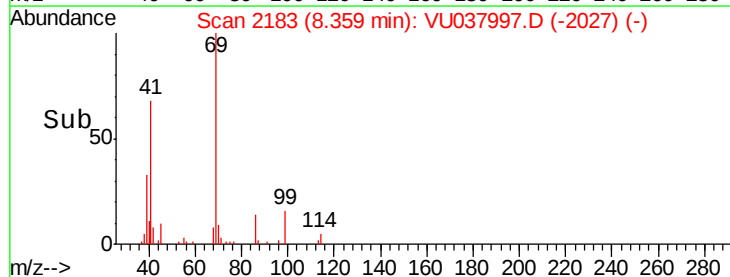
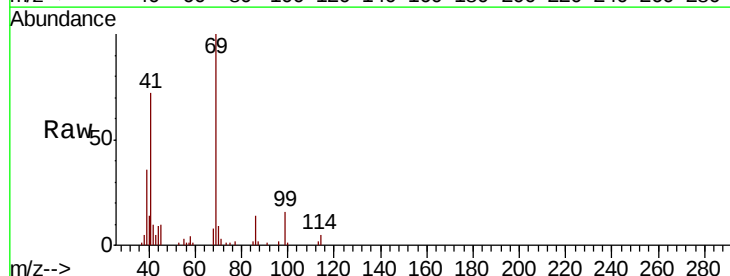
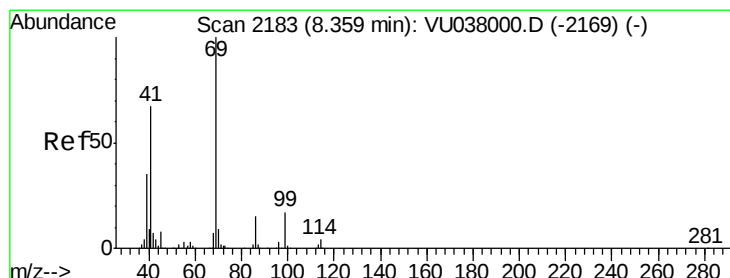
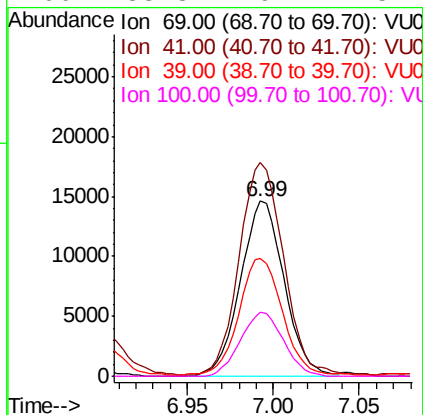




#47
Methyl methacrylate
Concen: 2.159 ug/l
RT: 6.99 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VU037997.D
Acq: 04 May 2020 11:17

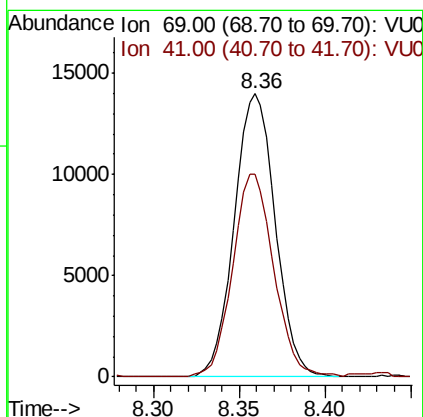
Instrument :
MSVOA_U
ClientSampleId :

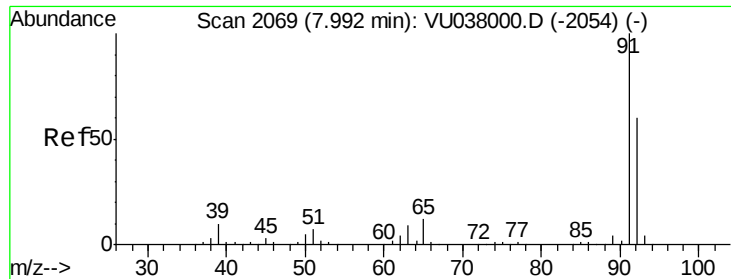
Tot Ion: 69 Resp: 25834
Ion Ratio Lower Upper
69 100
41 122.4 0.0 241.6
39 65.7 52.9 79.3
100 35.8 29.1 43.7



#48
Ethyl methacrylate
Concen: 0.984 ug/l
RT: 8.36 min Scan# 2183
Delta R.T. 0.00 min
Lab File: VU037997.D
Acq: 04 May 2020 11:17

Tgt Ion: 69 Resp: 23206
Ion Ratio Lower Upper
69 100
41 72.0 33.6 100.8





#49

Toluene

Concen: 1.073 ug/l

RT: 7.99 min Scan# 2069

Delta R.T. 0.00 min

Lab File: VU037997.D

Acq: 04 May 2020 11:17

Instrument :

MSVOA_U

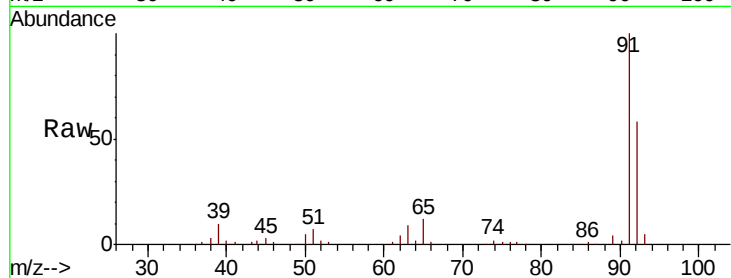
ClientSampleId :

Tot Ion: 92 Resp: 66343

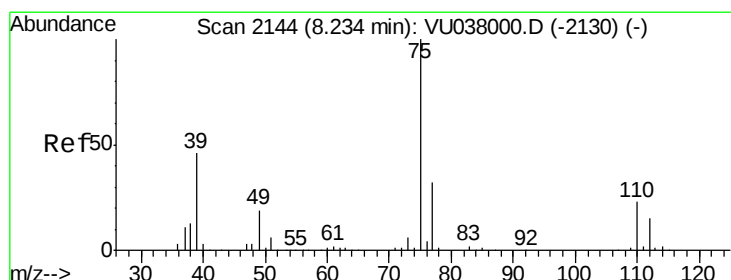
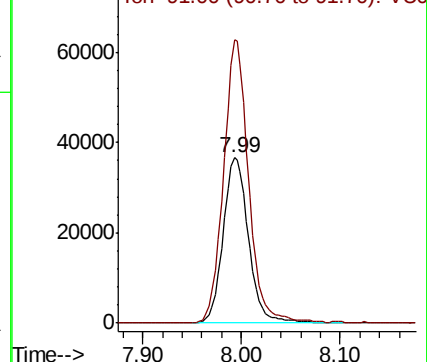
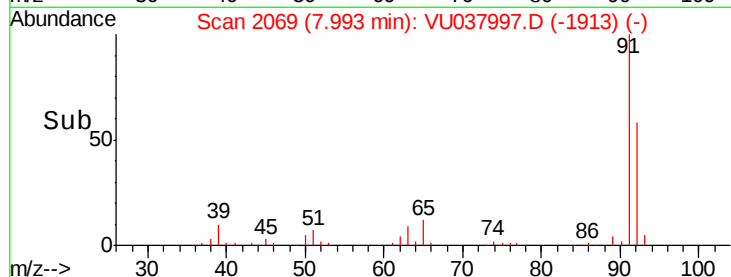
Ion Ratio Lower Upper

92 100

91 168.6 134.4 201.6



Abundance Ion 92.00 (91.70 to 92.70): VU037997.D (-1913) (-)



#50

t-1,3-Dichloropropene

Concen: 0.966 ug/l

RT: 8.23 min Scan# 2144

Delta R.T. 0.00 min

Lab File: VU037997.D

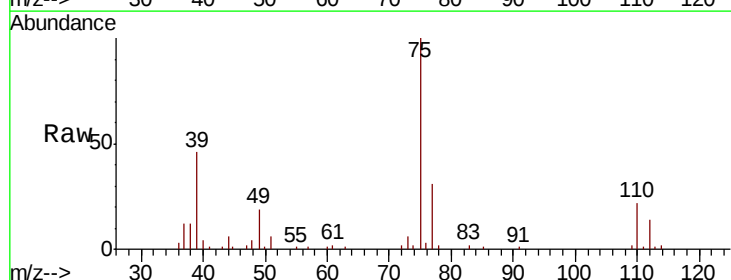
Acq: 04 May 2020 11:17

Tgt Ion: 75 Resp: 32519

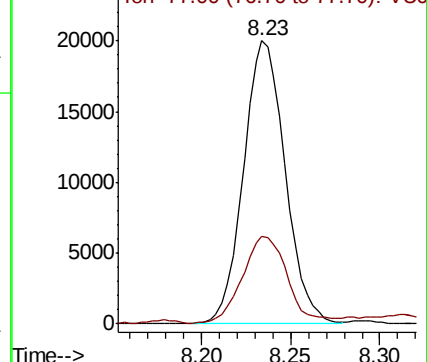
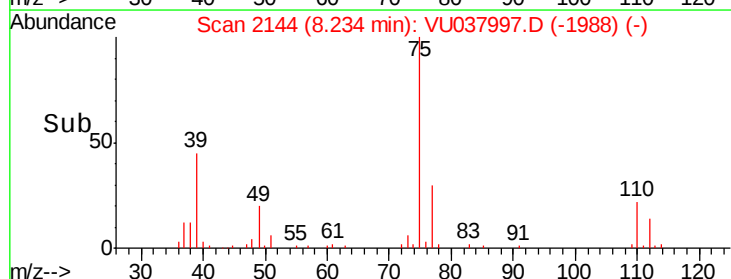
Ion Ratio Lower Upper

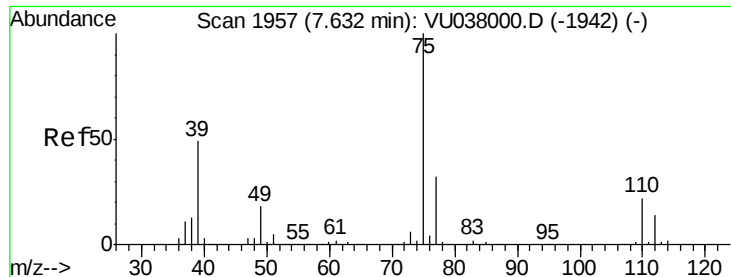
75 100

77 31.0 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VU037997.D (-1988) (-)



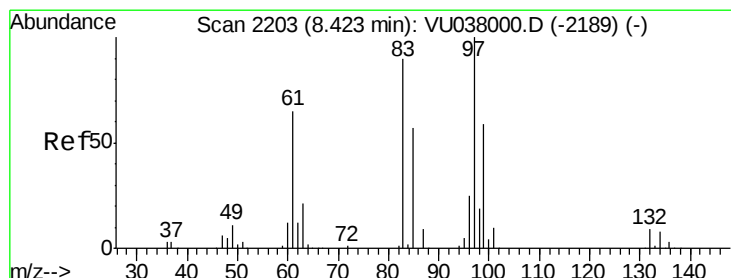
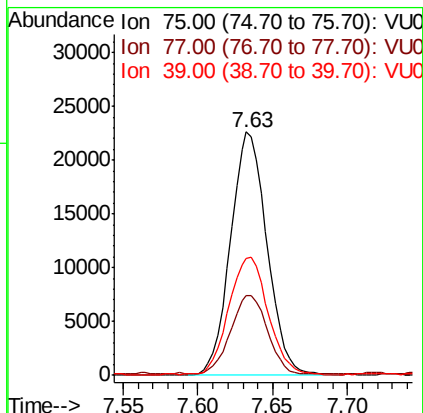
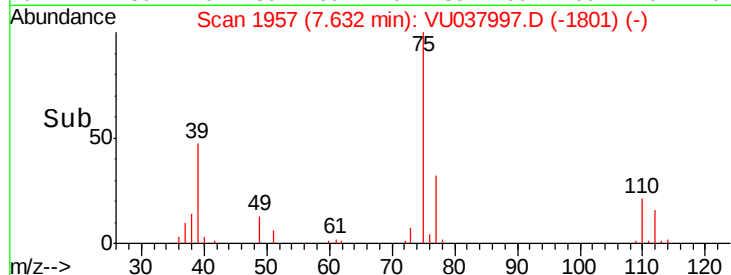
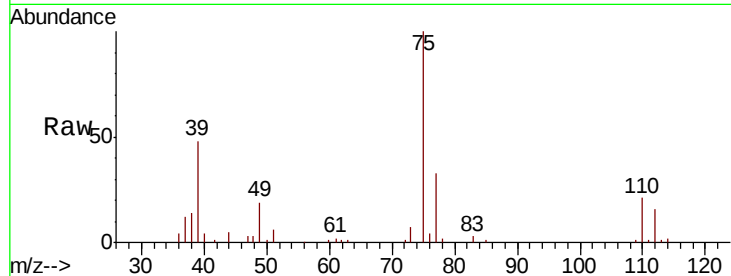


#51

cis-1,3-Dichloropropene
Concen: 0.989 ug/l
RT: 7.63 min Scan# 1957
Delta R.T. 0.00 min
Lab File: VU037997.D
Acq: 04 May 2020 11:17

Instrument :
MSVOA_U
ClientSampleId :

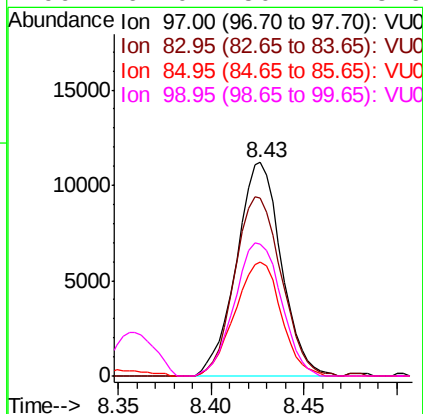
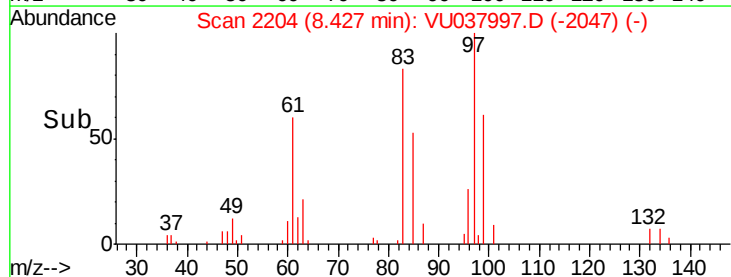
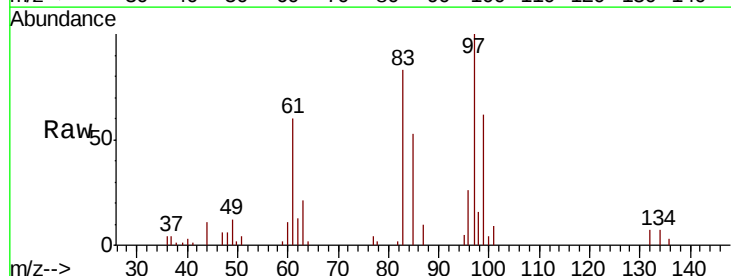
Tot Ion	Ratio	Lower	Upper
75	100		
77	32.4	25.5	38.3
39	48.0	39.0	58.4

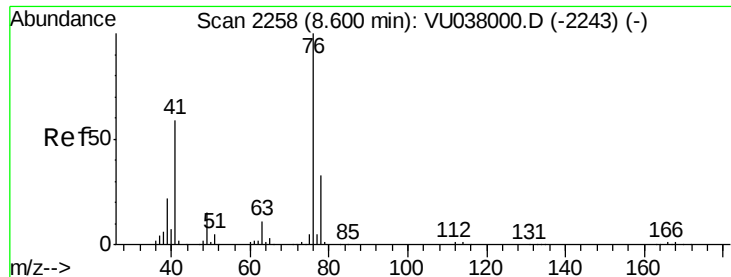


#52

1,1,2-Trichloroethane
Concen: 0.991 ug/l
RT: 8.43 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VU037997.D
Acq: 04 May 2020 11:17

Tgt Ion	Ratio	Lower	Upper
97	100		
83	83.1	72.4	108.6
85	53.5	46.0	69.0
99	62.0	50.4	75.6





#53

1,3-Dichloropropane

Concen: 1.028 ug/l

RT: 8.60 min Scan# 2258

Delta R.T. 0.00 min

Lab File: VU037997.D

Acq: 04 May 2020 11:17

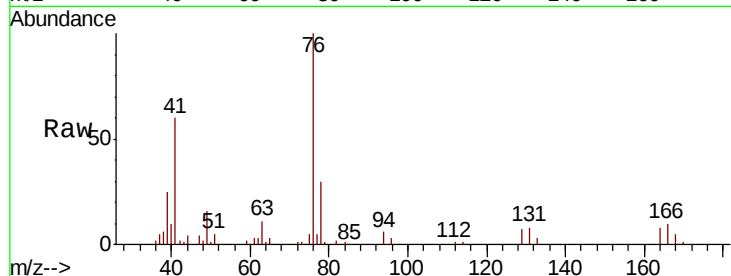
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 76 Resp: 35065

Ion Ratio Lower Upper

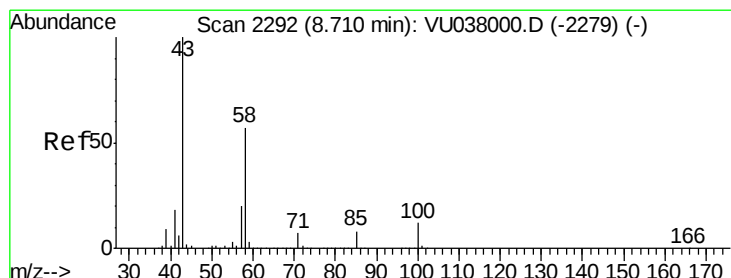
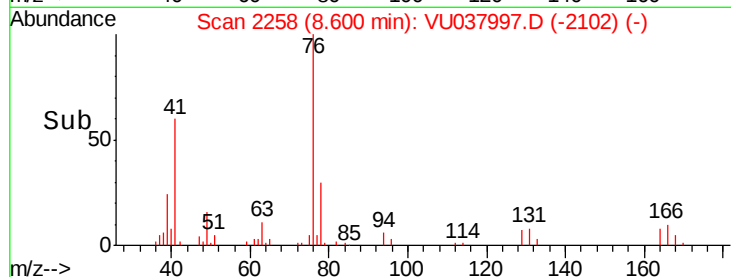
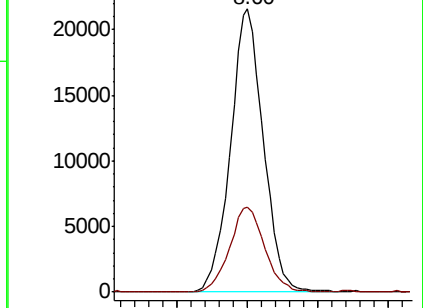
76 100

78 32.0 25.8 38.6



Abundance Ion 76.00 (75.70 to 76.70): VU037997.D (-2102) (-)

Ion 78.00 (77.70 to 78.70): VU037997.D (-2102) (-)



#54

2-Hexanone

Concen: 4.845 ug/l

RT: 8.71 min Scan# 2292

Delta R.T. 0.00 min

Lab File: VU037997.D

Acq: 04 May 2020 11:17

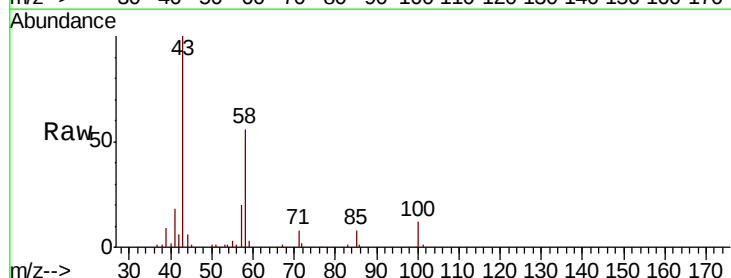
Tgt Ion: 43 Resp: 63393

Ion Ratio Lower Upper

43 100

58 55.5 36.5 76.5

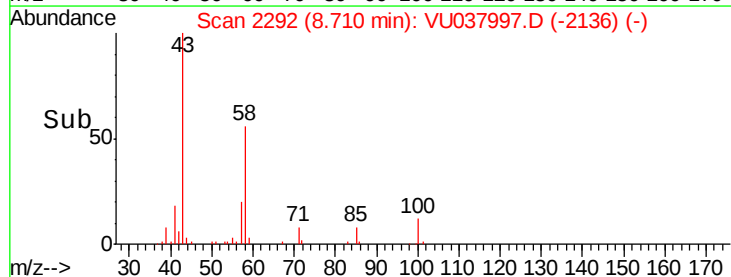
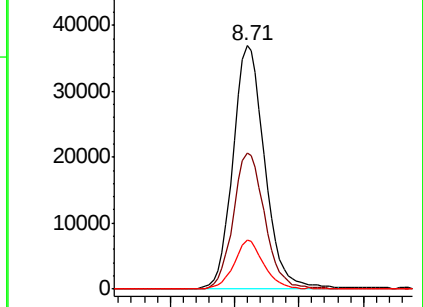
57 18.9 0.0 39.5

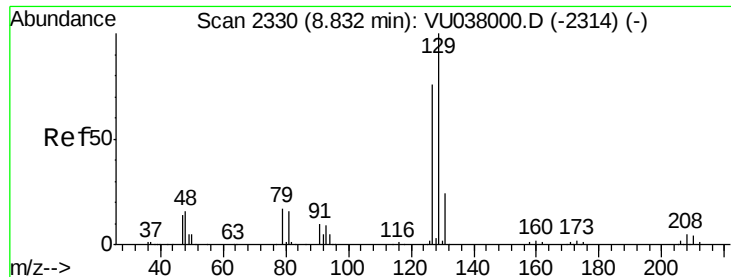


Abundance Ion 43.00 (42.70 to 43.70): VU037997.D (-2136) (-)

Ion 58.00 (57.70 to 58.70): VU037997.D (-2136) (-)

Ion 57.00 (56.70 to 57.70): VU037997.D (-2136) (-)





#55

Dibromochloromethane

Concen: 0.902 ug/l

RT: 8.83 min Scan# 2330

Delta R.T. 0.00 min

Lab File: VU037997.D

Acq: 04 May 2020 11:17

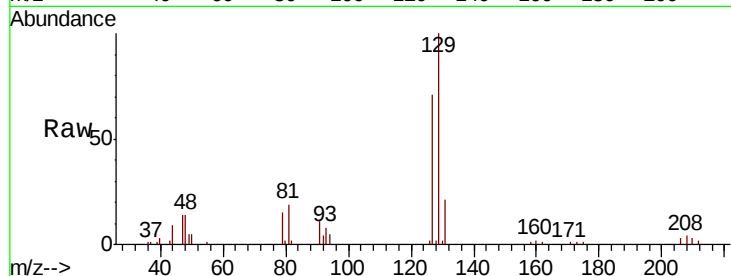
Instrument :
MSVOA_U
ClientSampled :

Tot Ion:129 Resp: 20921

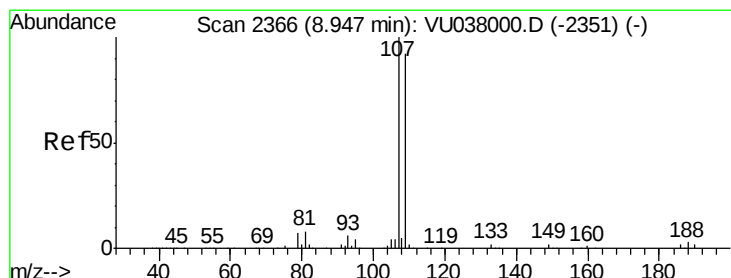
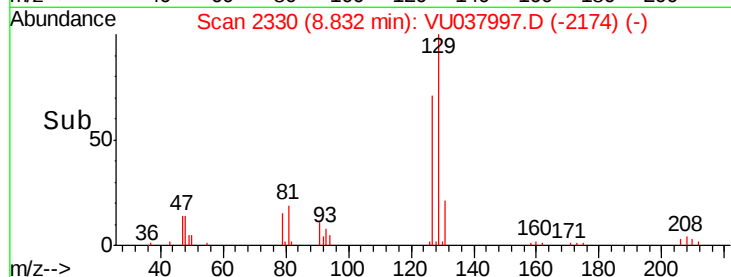
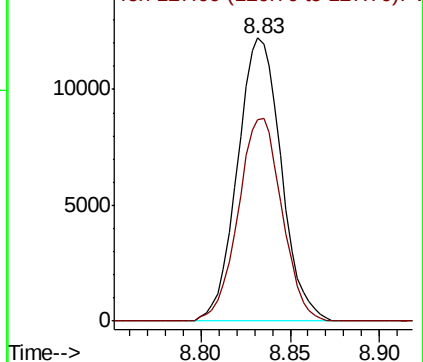
Ion Ratio Lower Upper

129 100

127 71.6 62.2 93.2



Abundance Ion 129.00 (128.70 to 129.70): V
Ion 127.00 (126.70 to 127.70): V



#56

1,2-Dibromoethane

Concen: 0.973 ug/l

RT: 8.95 min Scan# 2366

Delta R.T. 0.00 min

Lab File: VU037997.D

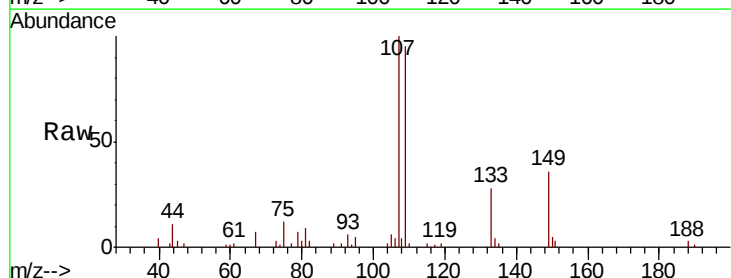
Acq: 04 May 2020 11:17

Tgt Ion:107 Resp: 17362

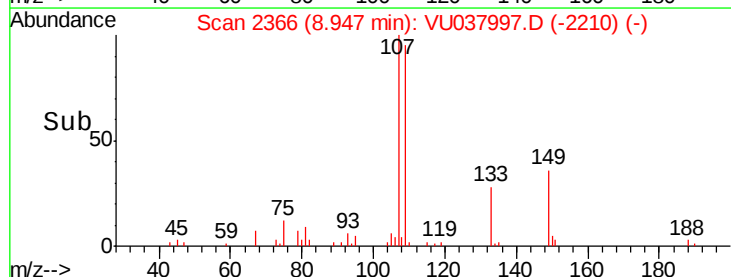
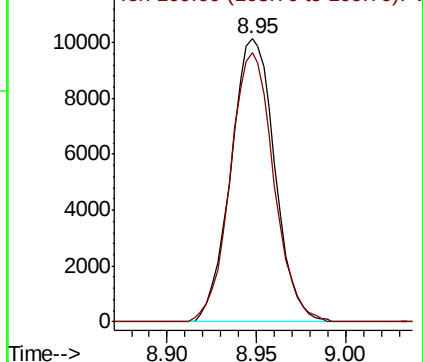
Ion Ratio Lower Upper

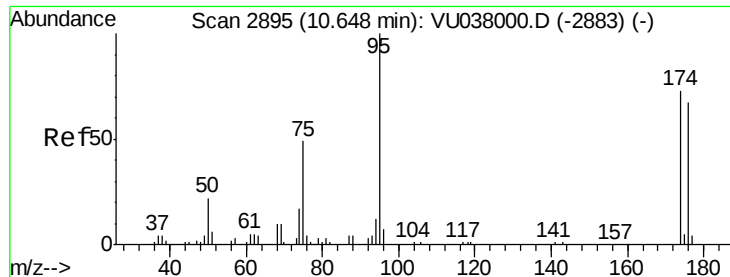
107 100

109 94.2 0.0 184.6



Abundance Ion 107.00 (106.70 to 107.70): V
Ion 109.00 (108.70 to 109.70): V

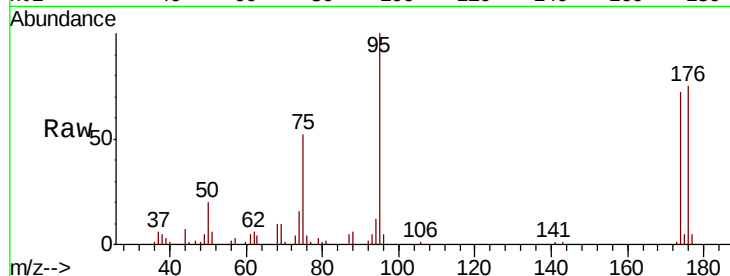




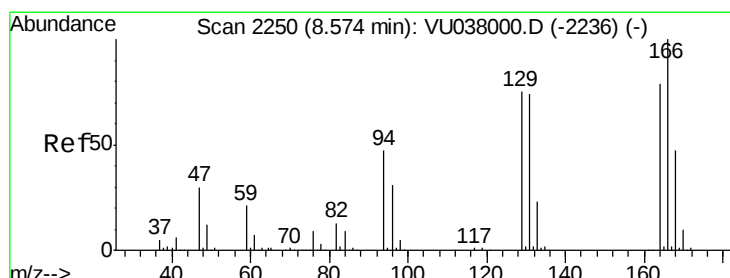
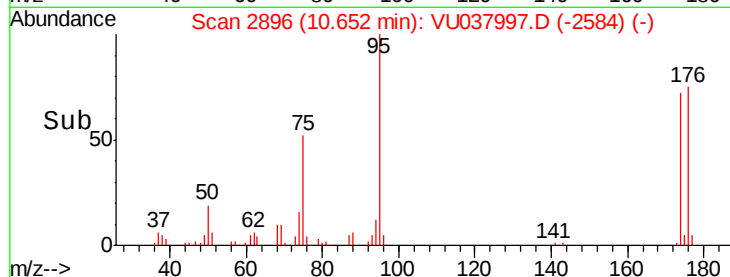
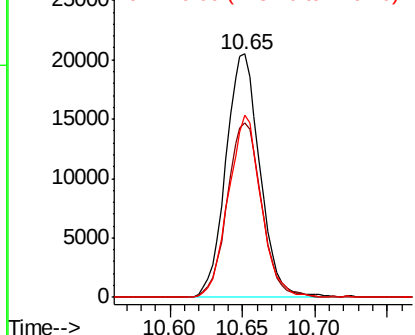
#57
4-Bromofluorobenzene
Concen: 1.011 ug/l
RT: 10.65 min Scan# 2896
Delta R.T. 0.00 min
Lab File: VU037997.D
Acq: 04 May 2020 11:17

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 95 Resp: 33432
Ion Ratio Lower Upper
95 100
174 72.3 61.2 91.8
176 71.7 57.1 85.7

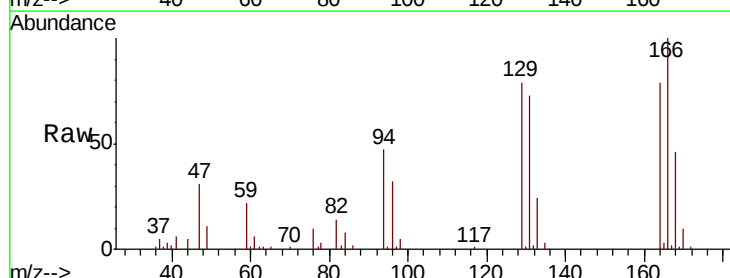


Abundance Ion 95.00 (94.70 to 95.70): VU037997.D (-2883) (-)
Ion 174.00 (173.70 to 174.70): VU037997.D (-2883) (-)
Ion 176.00 (175.70 to 176.70): VU037997.D (-2883) (-)

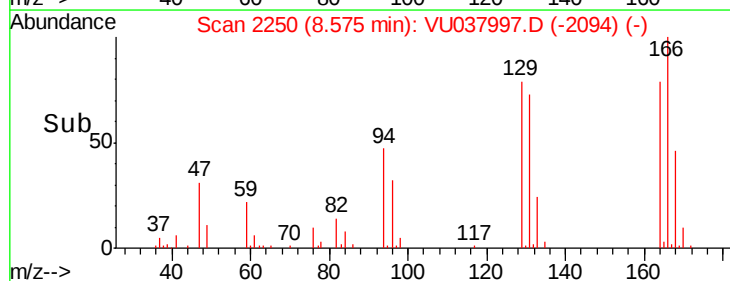
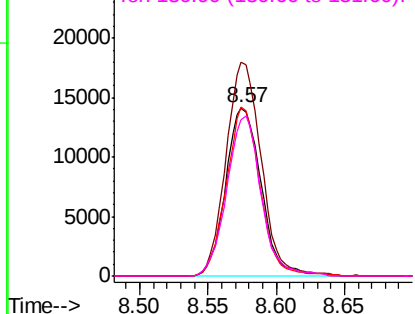


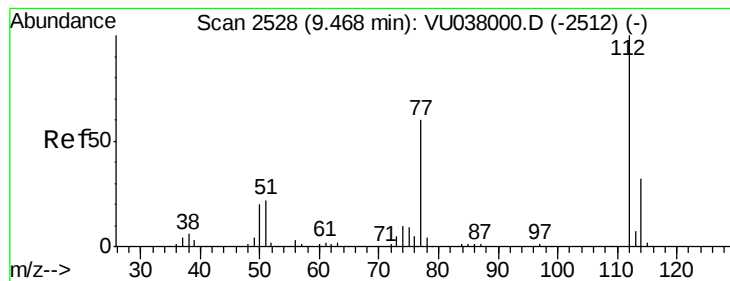
#58
Tetrachloroethene
Concen: 1.010 ug/l
RT: 8.57 min Scan# 2250
Delta R.T. 0.00 min
Lab File: VU037997.D
Acq: 04 May 2020 11:17

Tgt Ion: 164 Resp: 25575
Ion Ratio Lower Upper
164 100
166 127.1 101.5 152.3
129 100.6 76.6 114.8
131 92.8 75.0 112.4



Abundance Ion 163.85 (163.55 to 164.55): VU037997.D (-2094) (-)
Ion 165.80 (165.50 to 166.50): VU037997.D (-2094) (-)
Ion 128.90 (128.60 to 129.60): VU037997.D (-2094) (-)
Ion 130.90 (130.60 to 131.60): VU037997.D (-2094) (-)





#59

Chlorobenzene

Concen: 1.005 ug/l

RT: 9.47 min Scan# 2528

Delta R.T. 0.00 min

Lab File: VU037997.D

Acq: 04 May 2020 11:17

Instrument :

MSVOA_U

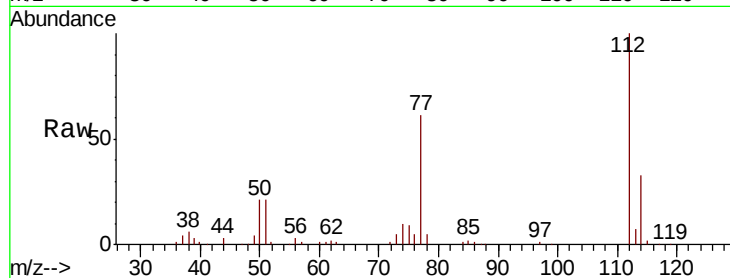
ClientSampleId :

Tot Ion:112 Resp: 69333

Ion Ratio Lower Upper

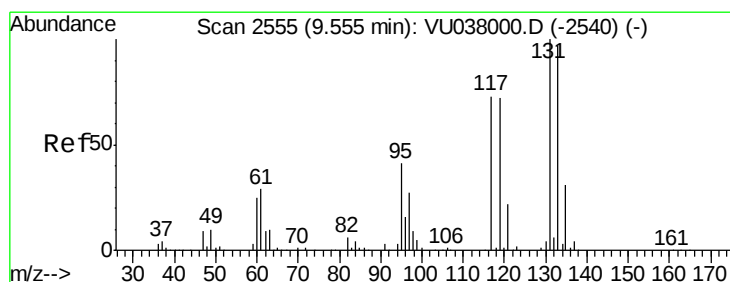
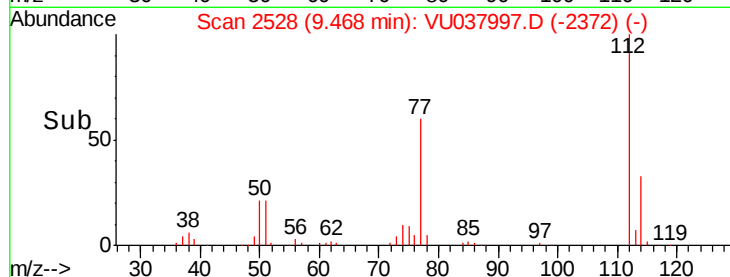
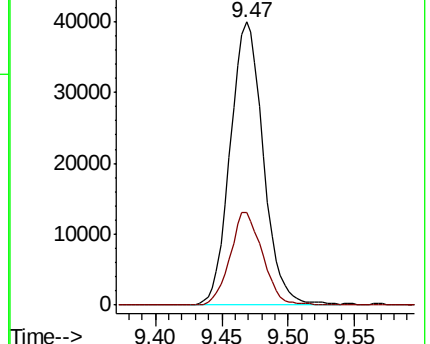
112 100

114 32.6 25.7 38.5



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V



#60

1,1,1,2-Tetrachloroethane

Concen: 0.847 ug/l

RT: 9.56 min Scan# 2555

Delta R.T. 0.00 min

Lab File: VU037997.D

Acq: 04 May 2020 11:17

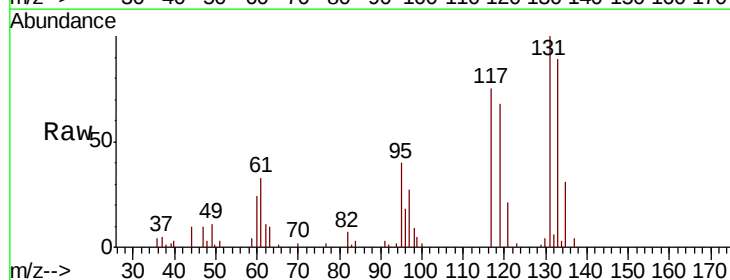
Tgt Ion:131 Resp: 20763

Ion Ratio Lower Upper

131 100

133 92.1 76.8 115.2

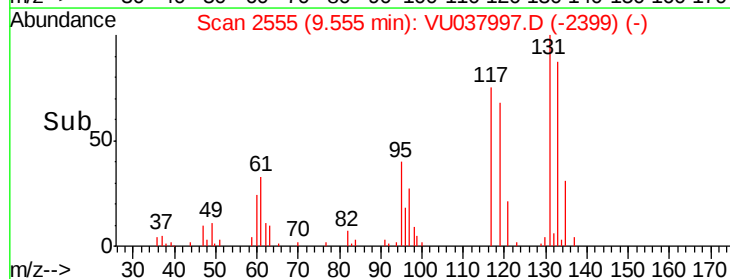
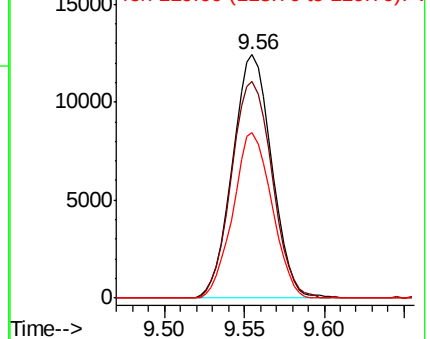
119 67.0 56.7 85.1

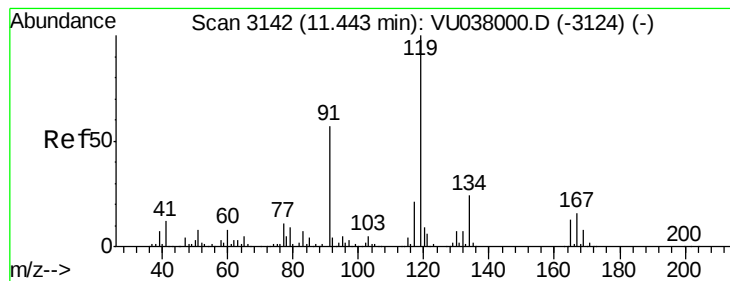


Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V





#61

Pentachloroethane

Concen: 0.804 ug/l

RT: 11.44 min Scan# 3142

Delta R.T. 0.00 min

Lab File: VU037997.D

Acq: 04 May 2020 11:17

Instrument :

MSVOA_U

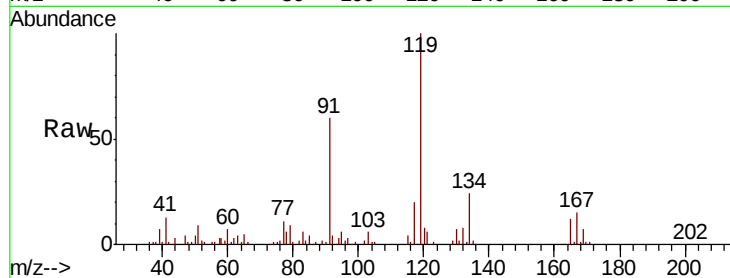
ClientSampleId :

Tot Ion:117 Resp: 15043

Ion Ratio Lower Upper

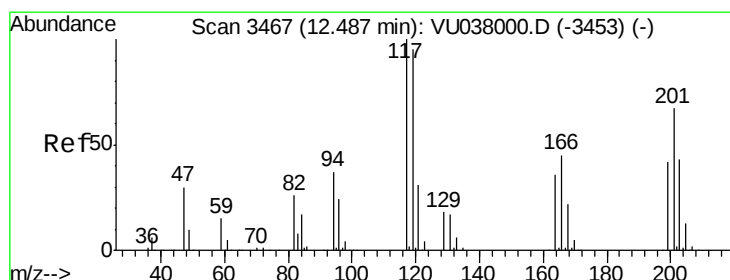
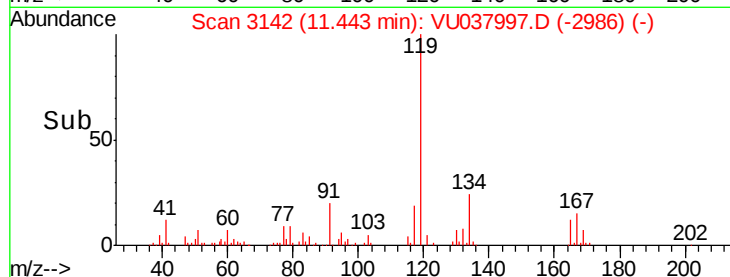
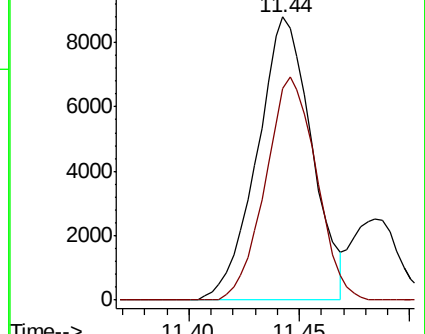
117 100

167 73.3 60.3 90.5



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 166.70 (166.40 to 167.40): V



#62

Hexachloroethane

Concen: 0.834 ug/l

RT: 12.49 min Scan# 3468

Delta R.T. 0.00 min

Lab File: VU037997.D

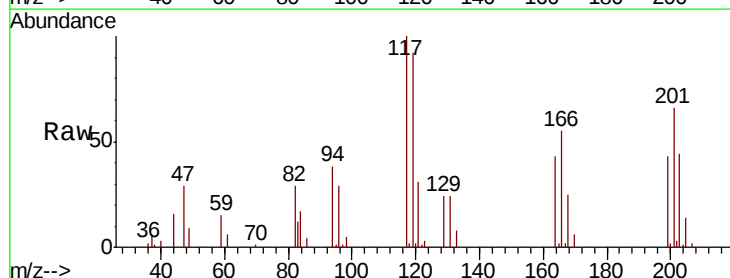
Acq: 04 May 2020 11:17

Tgt Ion:117 Resp: 16575

Ion Ratio Lower Upper

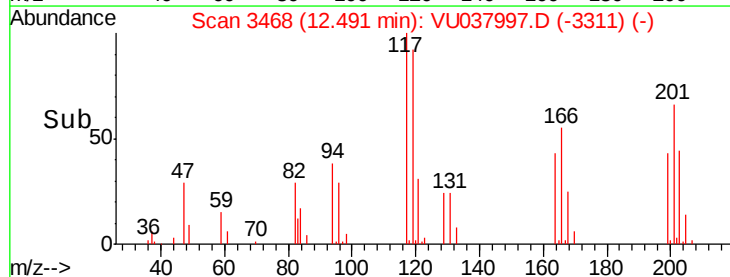
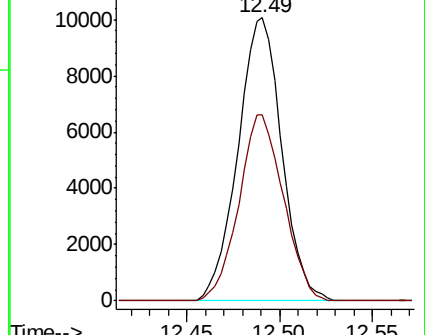
117 100

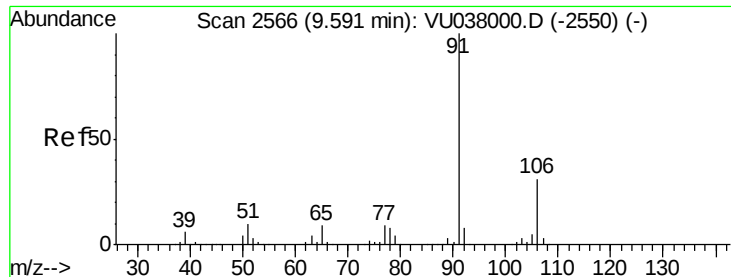
201 66.8 54.7 82.1



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.60 (200.30 to 201.30): V

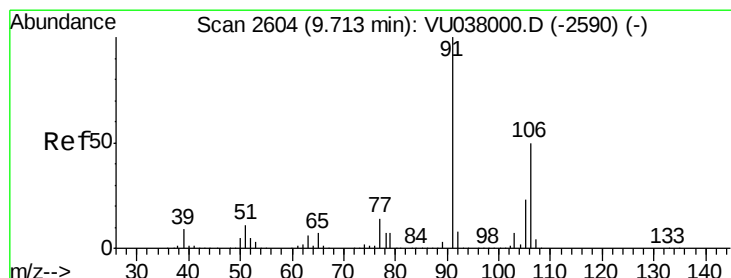
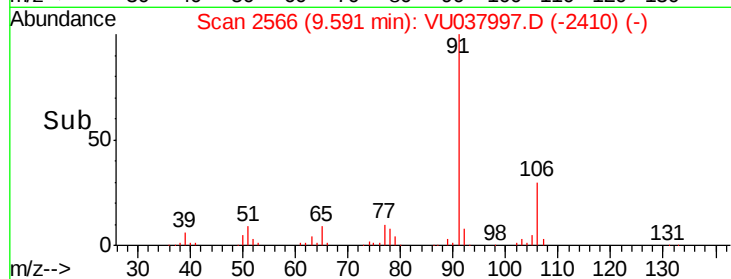
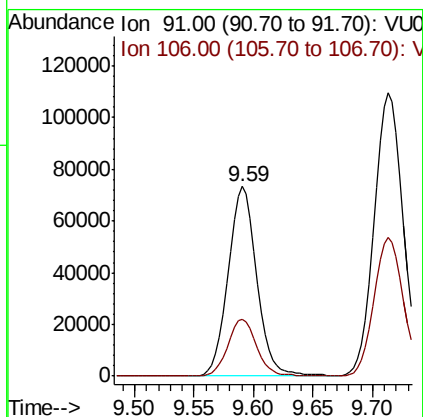
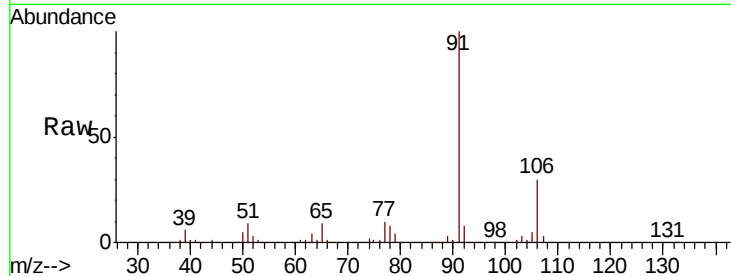




#63
Ethyl Benzene
Concen: 1.039 ug/l
RT: 9.59 min Scan# 2566
Delta R.T. 0.00 min
Lab File: VU037997.D
Acq: 04 May 2020 11:17

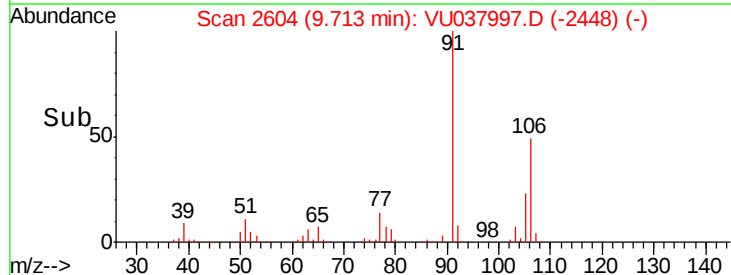
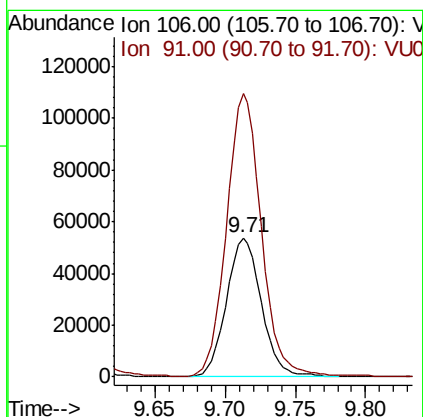
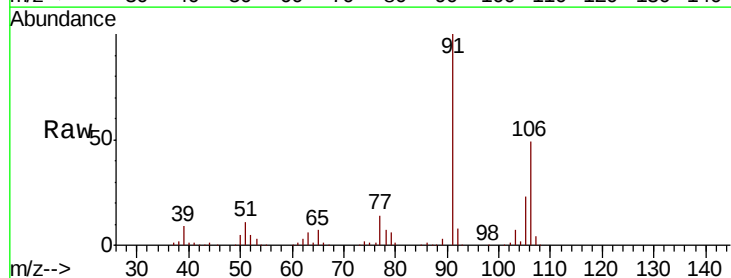
Instrument :
MSVOA_U
ClientSampled :

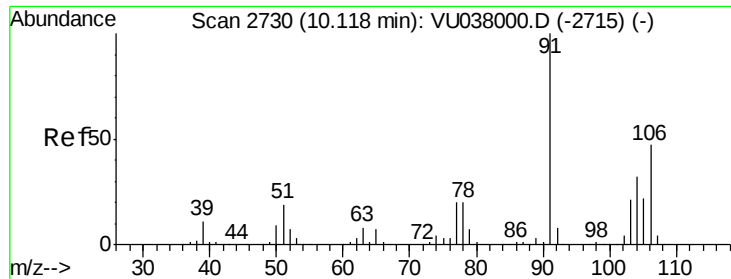
Tot Ion: 91 Resp: 122279
Ion Ratio Lower Upper
91 100
106 30.2 24.9 37.3



#64
m/p-Xylenes
Concen: 2.075 ug/l
RT: 9.71 min Scan# 2604
Delta R.T. 0.00 min
Lab File: VU037997.D
Acq: 04 May 2020 11:17

Tgt Ion: 106 Resp: 92484
Ion Ratio Lower Upper
106 100
91 203.3 159.5 239.3

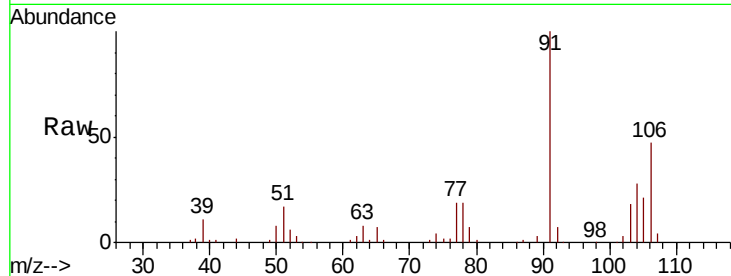




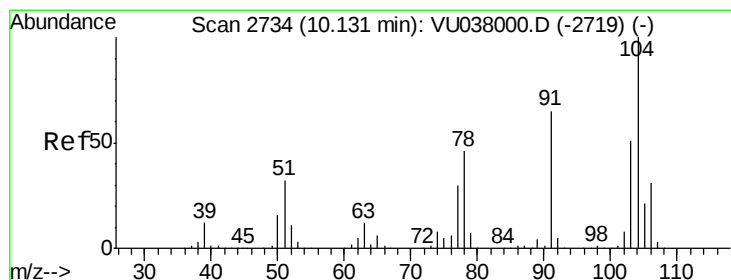
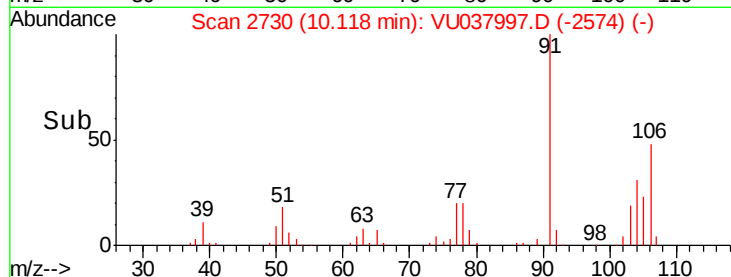
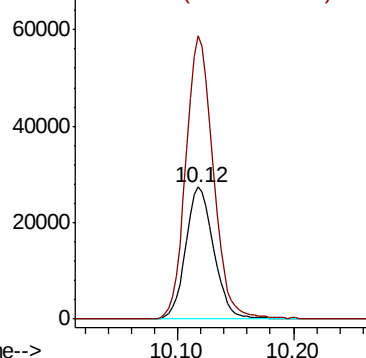
#65
o-Xylene
Concen: 1.062 ug/l
RT: 10.12 min Scan# 2730
Delta R.T. 0.00 min
Lab File: VU037997.D
Acq: 04 May 2020 11:17

Instrument :
MSVOA_U
ClientSampled :

Tot Ion:106 Resp: 45767
Ion Ratio Lower Upper
106 100
91 210.3 105.7 317.0

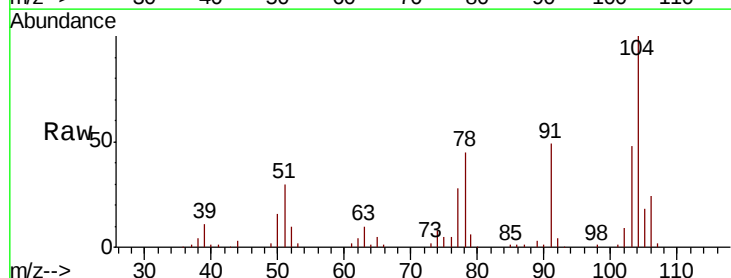


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

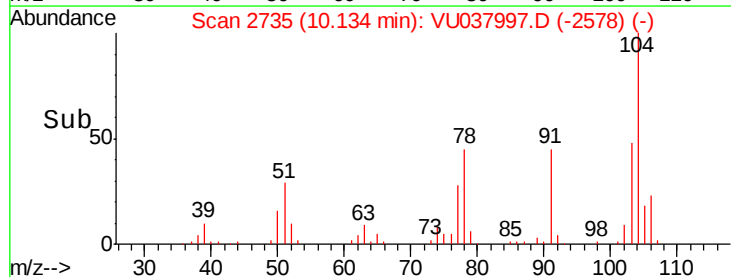
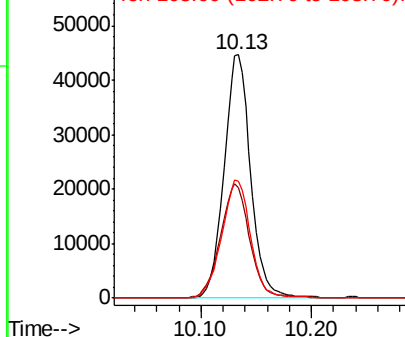


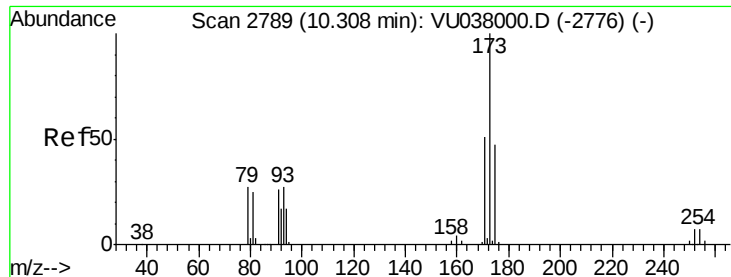
#66
Styrene
Concen: 1.061 ug/l
RT: 10.13 min Scan# 2735
Delta R.T. 0.00 min
Lab File: VU037997.D
Acq: 04 May 2020 11:17

Tgt Ion:104 Resp: 74717
Ion Ratio Lower Upper
104 100
78 51.6 39.9 59.9
103 52.6 43.4 65.2



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VU0
Ion 103.00 (102.70 to 103.70): V





#67

Bromoform

Concen: 0.837 ug/l

RT: 10.31 min Scan# 2790

Delta R.T. 0.00 min

Lab File: VU037997.D

Acq: 04 May 2020 11:17

Instrument :

MSVOA_U

ClientSampleId :

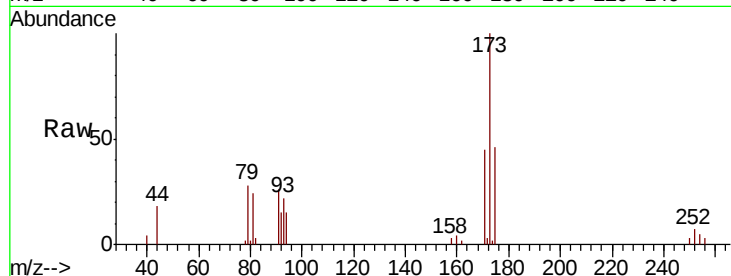
Tot Ion:173 Resp: 10190

Ion Ratio Lower Upper

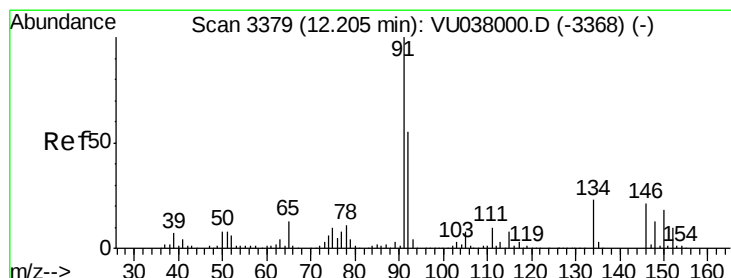
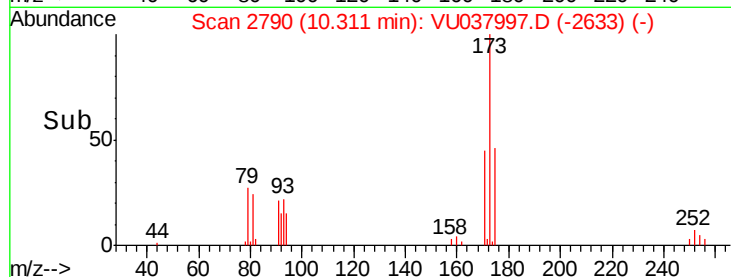
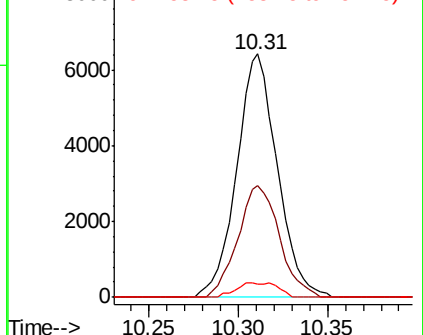
173 100

175 46.9 37.6 56.4

254 6.1 5.5 8.3



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: 0.959 ug/l

RT: 12.21 min Scan# 3380

Delta R.T. 0.00 min

Lab File: VU037997.D

Acq: 04 May 2020 11:17

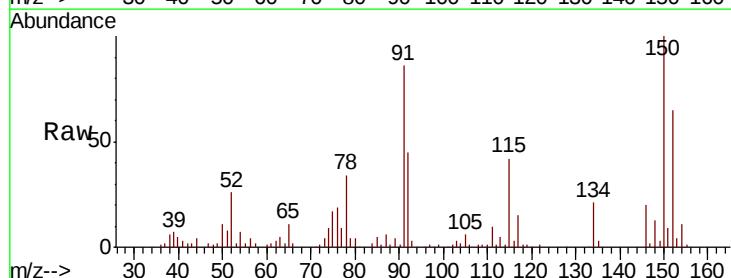
Tgt Ion:152 Resp: 31845

Ion Ratio Lower Upper

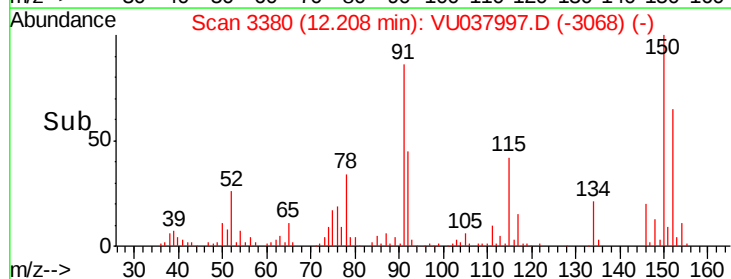
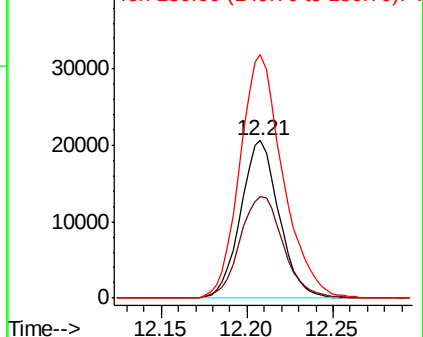
152 100

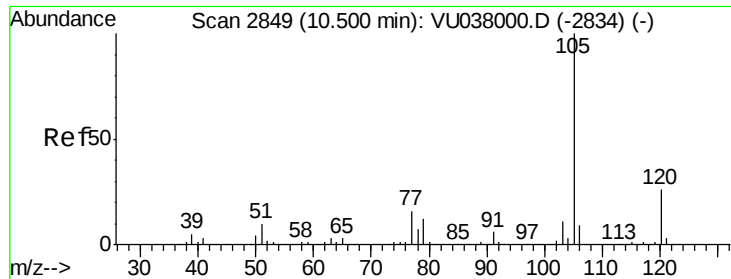
115 73.3 0.0 261.0

150 174.0 0.0 650.2



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: 1.017 ug/l

RT: 10.50 min Scan# 2849

Delta R.T. 0.00 min

Lab File: VU037997.D

Acq: 04 May 2020 11:17

Instrument :

MSVOA_U

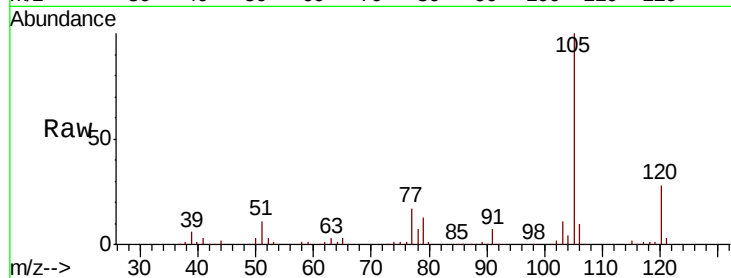
ClientSampleId :

Tot Ion:105 Resp: 119053

Ion Ratio Lower Upper

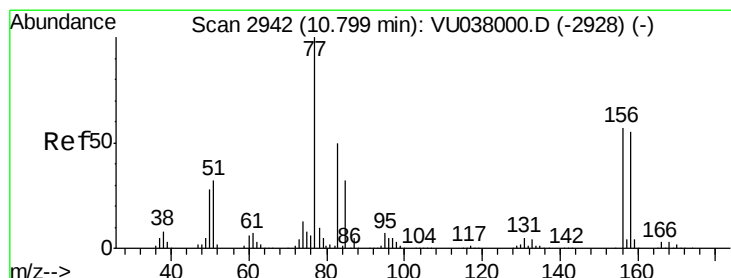
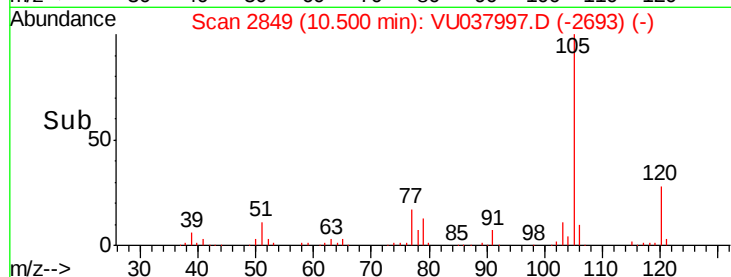
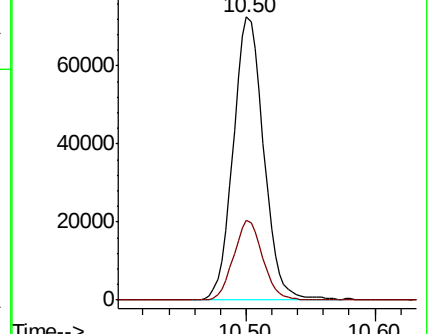
105 100

120 26.8 13.1 39.3



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: 0.904 ug/l

RT: 10.80 min Scan# 2942

Delta R.T. 0.00 min

Lab File: VU037997.D

Acq: 04 May 2020 11:17

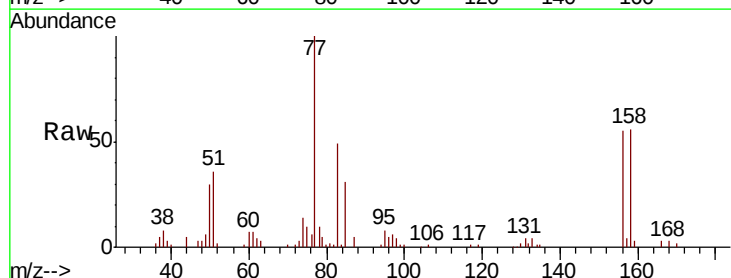
Tgt Ion: 83 Resp: 22567

Ion Ratio Lower Upper

83 100

131 9.0 7.2 10.8

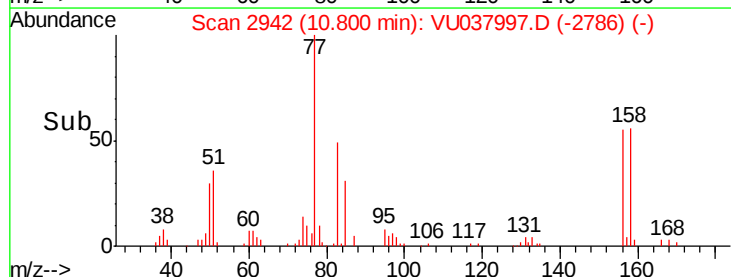
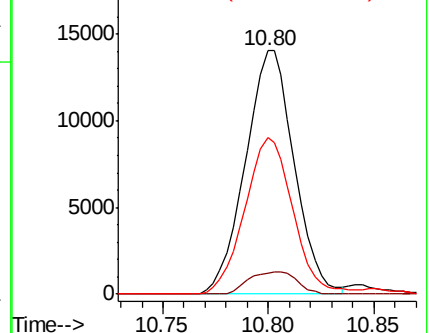
85 63.4 50.0 75.0

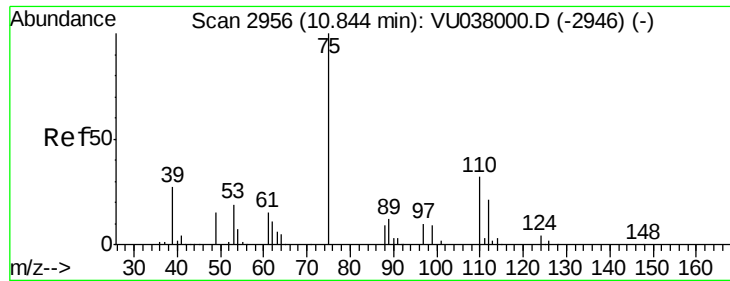


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VU0

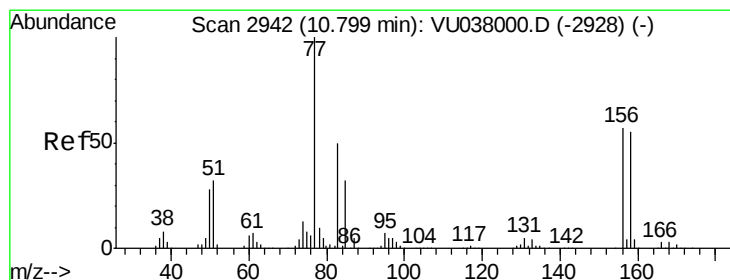
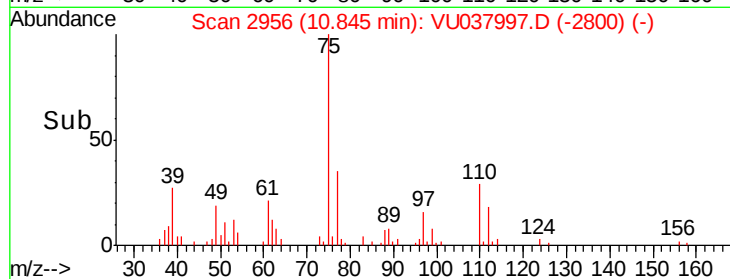
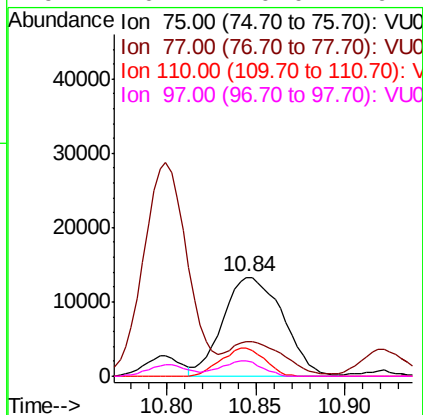
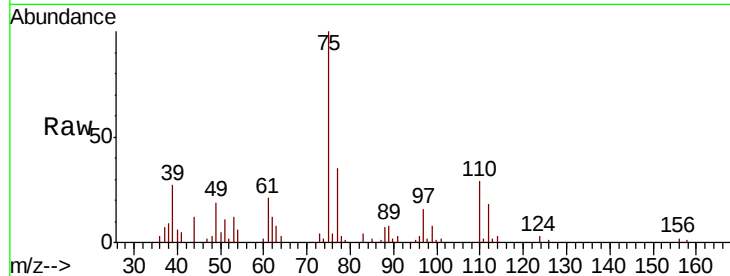




#71
 1,2,3-Trichloropropane
 Concen: 1.587 ug/l
 RT: 10.84 min Scan# 2956
 Delta R.T. 0.00 min
 Lab File: VU037997.D
 Acq: 04 May 2020 11:17

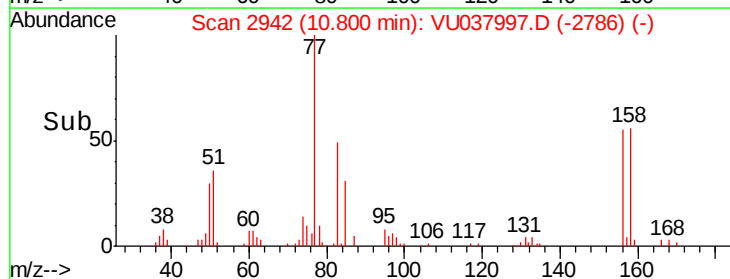
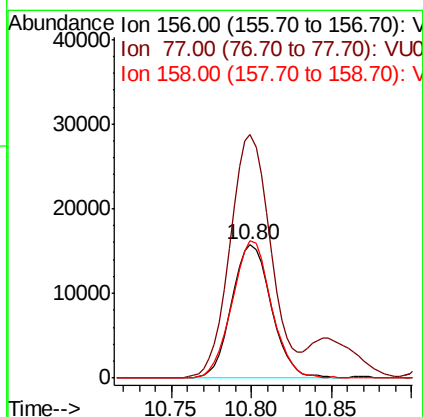
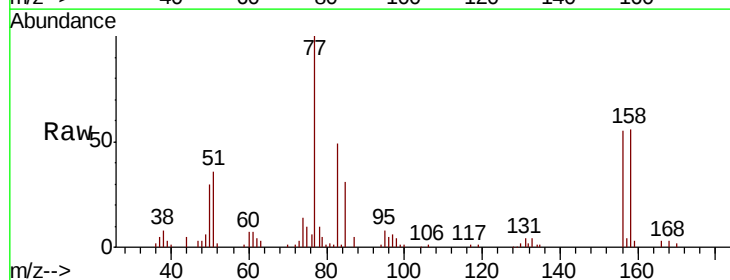
Instrument :
 MSVOA_U
 ClientSampled :

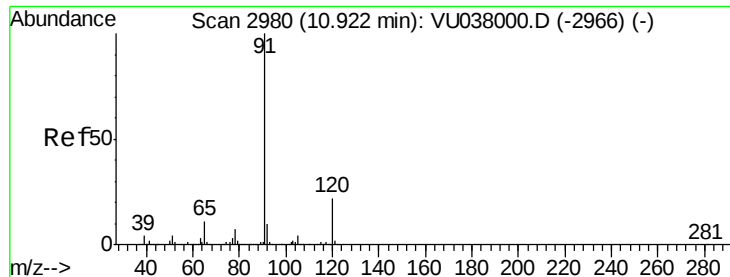
Tot Ion:	75	Resp:	31228
Ion	Ratio	Lower	Upper
75	100		
77	30.0	0.0	108.6
110	20.6	0.0	79.4
97	10.7	0.0	40.4



#72
 Bromobenzene
 Concen: 0.939 ug/l
 RT: 10.80 min Scan# 2942
 Delta R.T. 0.00 min
 Lab File: VU037997.D
 Acq: 04 May 2020 11:17

Tgt Ion:	156	Resp:	26599
Ion	Ratio	Lower	Upper
156	100		
77	186.2	0.0	355.6
158	101.7	0.0	194.0





#73

n-propylbenzene

Concen: 1.064 ug/l

RT: 10.92 min Scan# 2980

Delta R.T. 0.00 min

Lab File: VU037997.D

Acq: 04 May 2020 11:17

Instrument :

MSVOA_U

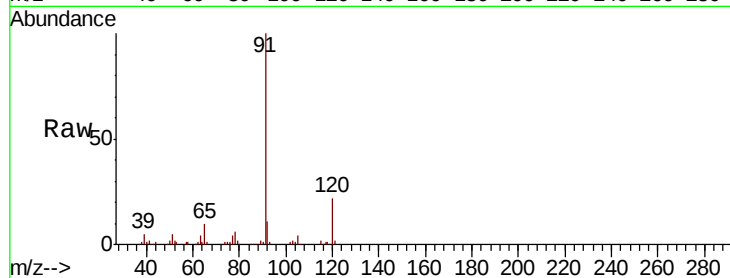
ClientSampled :

Tot Ion:120 Resp: 33088

Ion Ratio Lower Upper

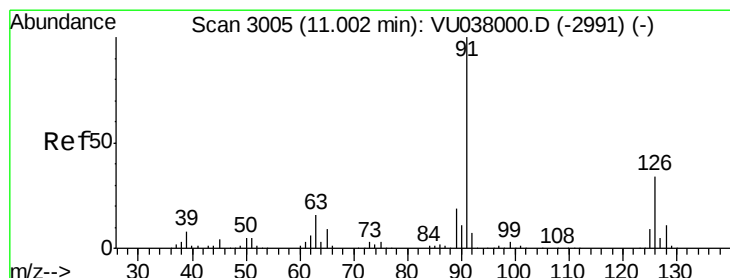
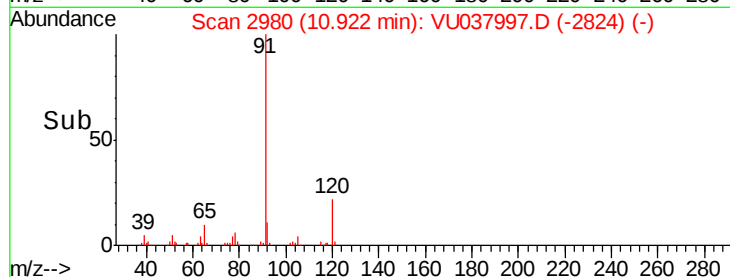
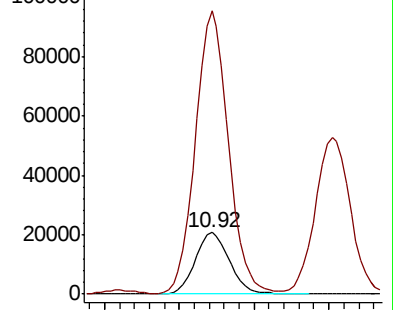
120 100

91 439.8 355.4 533.0



Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0



#74

2-Chlorotoluene

Concen: 1.038 ug/l

RT: 11.00 min Scan# 3005

Delta R.T. 0.00 min

Lab File: VU037997.D

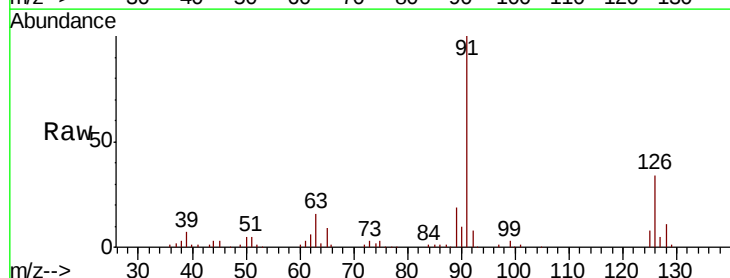
Acq: 04 May 2020 11:17

Tgt Ion:126 Resp: 28881

Ion Ratio Lower Upper

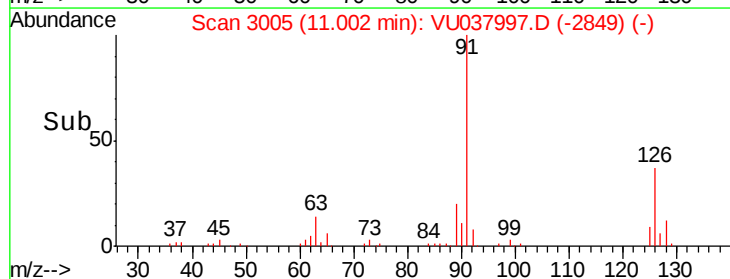
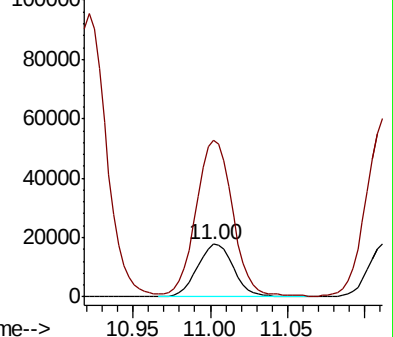
126 100

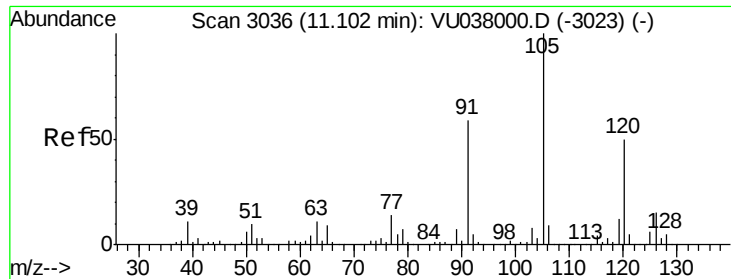
91 299.8 0.0 625.8



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: 0.975 ug/l

RT: 11.10 min Scan# 3037

Delta R.T. 0.00 min

Lab File: VU037997.D

Acq: 04 May 2020 11:17

Instrument :

MSVOA_U

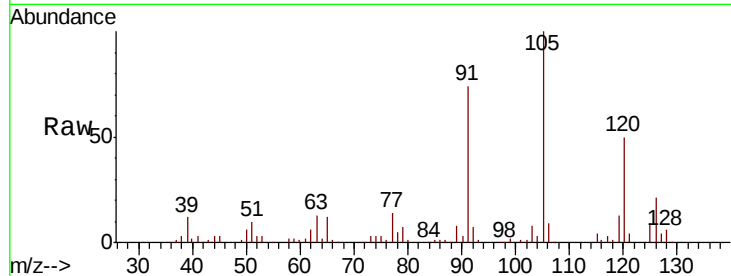
ClientSampled :

Tot Ion:105 Resp: 97823

Ion Ratio Lower Upper

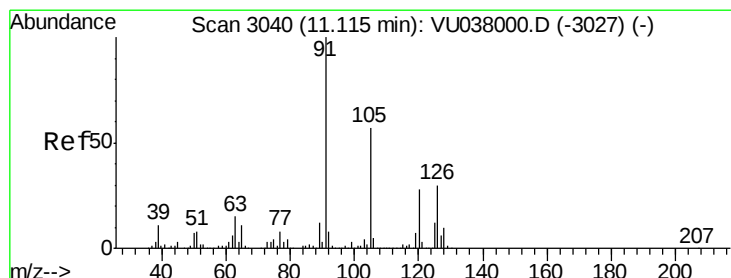
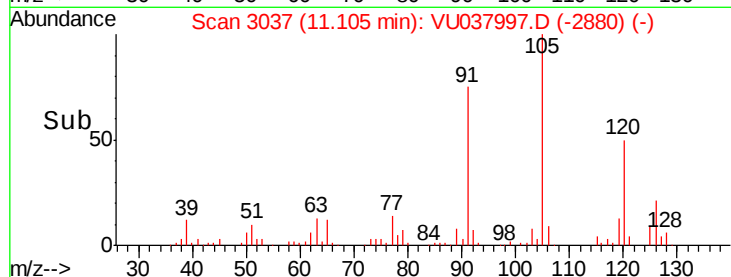
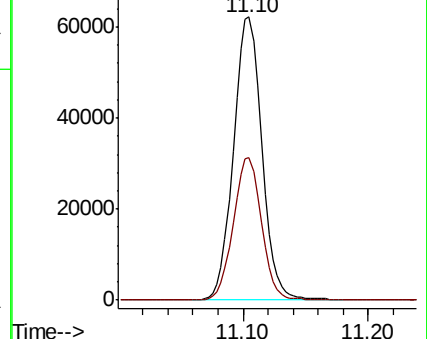
105 100

120 49.8 39.8 59.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#76

4-Chlorotoluene

Concen: 1.037 ug/l

RT: 11.11 min Scan# 3040

Delta R.T. 0.00 min

Lab File: VU037997.D

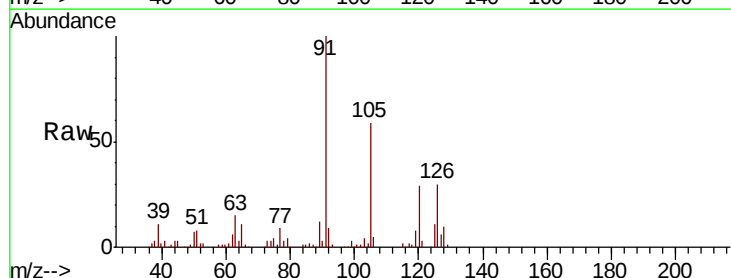
Acq: 04 May 2020 11:17

Tgt Ion:126 Resp: 29195

Ion Ratio Lower Upper

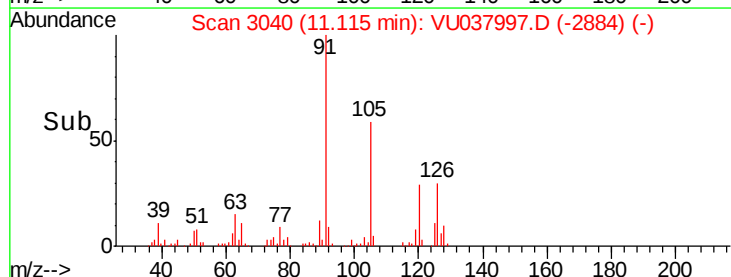
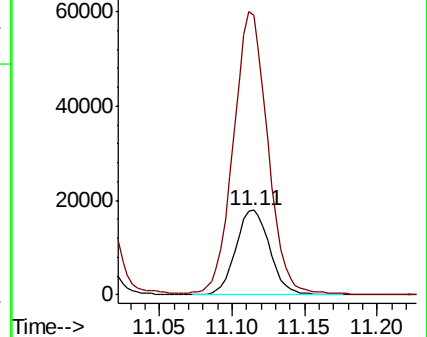
126 100

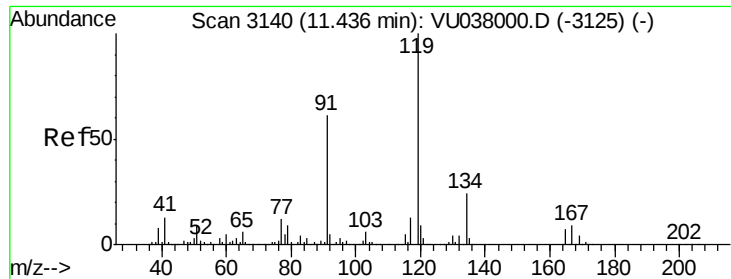
91 340.4 0.0 698.6



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0

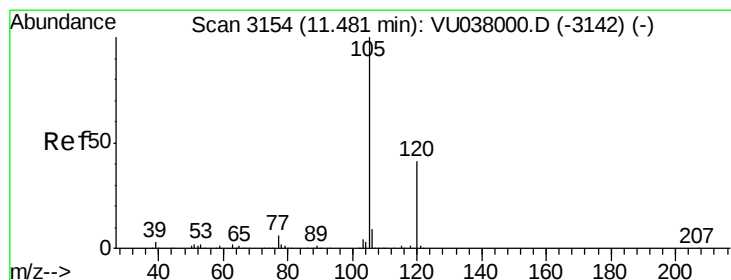
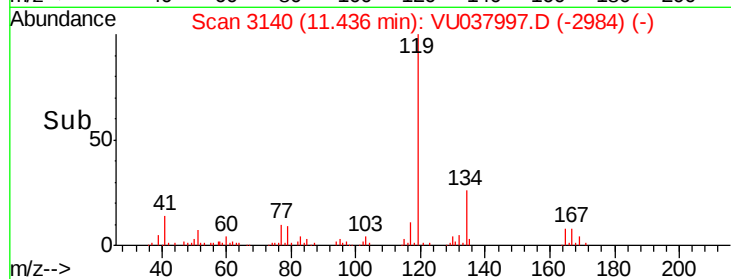
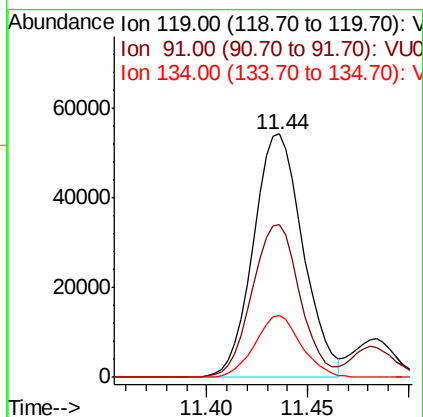
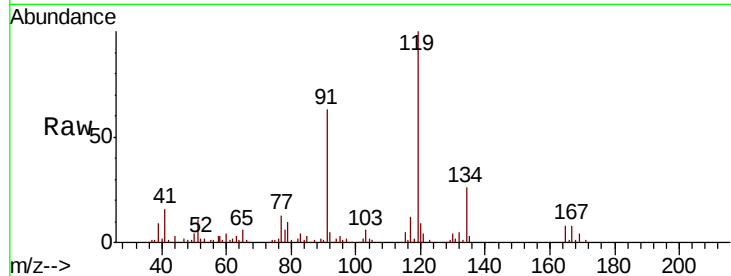




#77
 tert-Butylbenzene
 Concen: 0.951 ug/l
 RT: 11.44 min Scan# 3140
 Delta R.T. 0.00 min
 Lab File: VU037997.D
 Acq: 04 May 2020 11:17

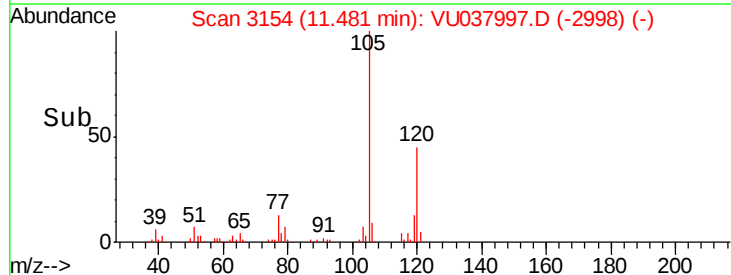
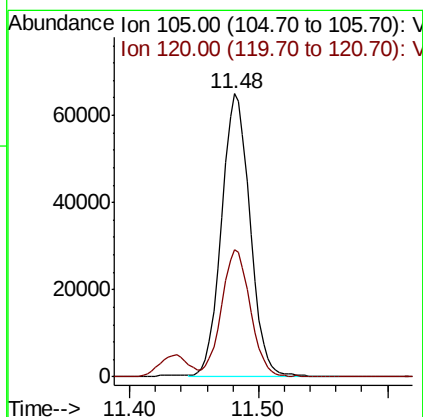
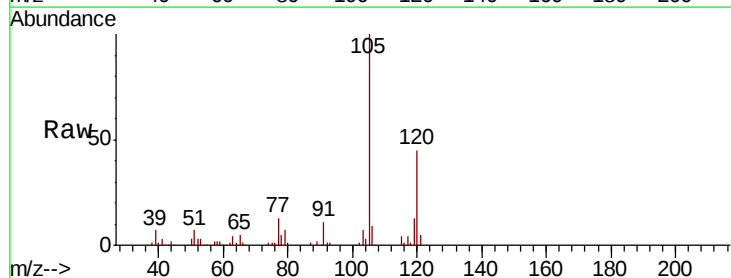
Instrument :
 MSVOA_U
 ClientSampled :

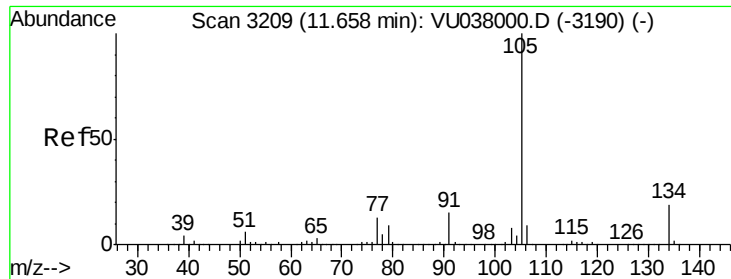
Tot Ion:119 Resp: 93036
 Ion Ratio Lower Upper
 119 100
 91 61.0 30.1 90.5
 134 23.9 19.0 28.6



#78
 1,2,4-Trimethylbenzene
 Concen: 0.989 ug/l
 RT: 11.48 min Scan# 3154
 Delta R.T. 0.00 min
 Lab File: VU037997.D
 Acq: 04 May 2020 11:17

Tgt Ion:105 Resp: 99898
 Ion Ratio Lower Upper
 105 100
 120 44.4 23.4 70.0

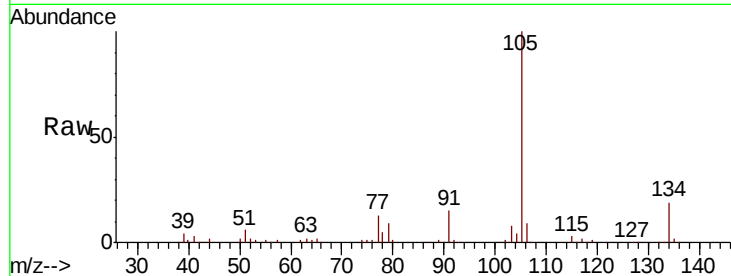




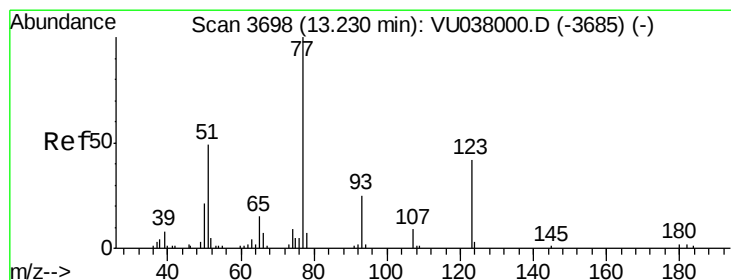
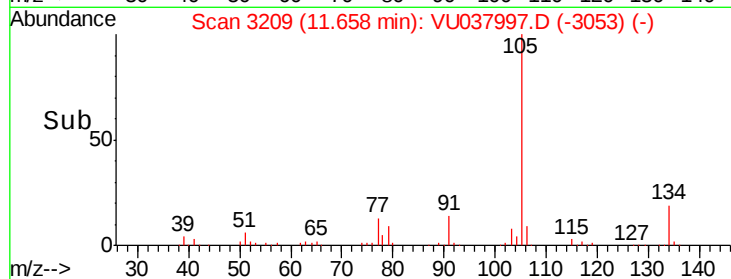
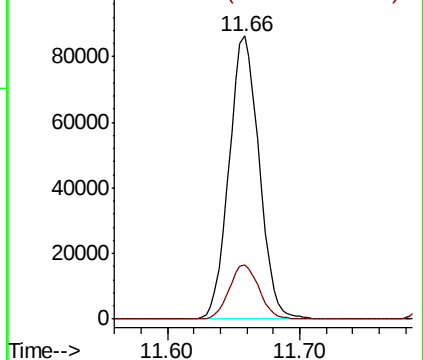
#79
 sec-Butylbenzene
 Concen: 1.015 ug/l
 RT: 11.66 min Scan# 3209
 Delta R.T. 0.00 min
 Lab File: VU037997.D
 Acq: 04 May 2020 11:17

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion:105 Resp: 136145
 Ion Ratio Lower Upper
 105 100
 134 19.1 15.4 23.0

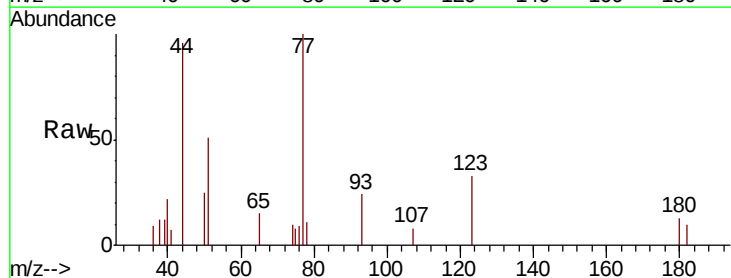


Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 134.00 (133.70 to 134.70): V

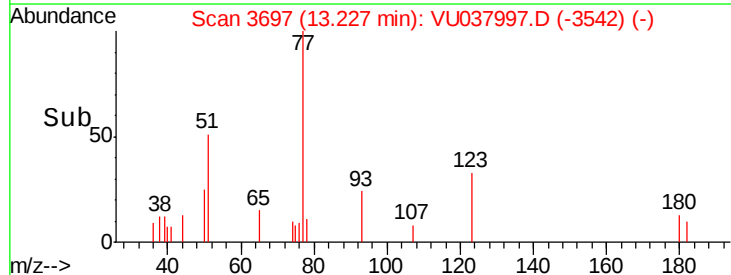
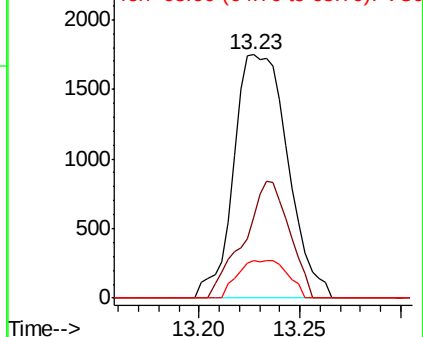


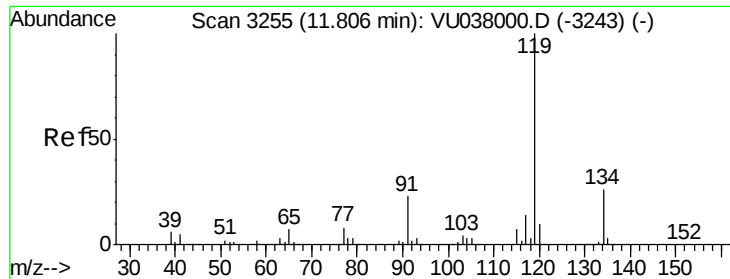
#80
 Nitrobenzene
 Concen: 5.754 ug/l
 RT: 13.23 min Scan# 3697
 Delta R.T. -0.00 min
 Lab File: VU037997.D
 Acq: 04 May 2020 11:17

Tgt Ion: 77 Resp: 3274
 Ion Ratio Lower Upper
 77 100
 123 40.5 17.6 62.6
 65 14.3 13.2 16.8



Abundance Ion 77.00 (76.70 to 77.70): VU0
 Ion 123.00 (122.70 to 123.70): V
 Ion 65.00 (64.70 to 65.70): VU0

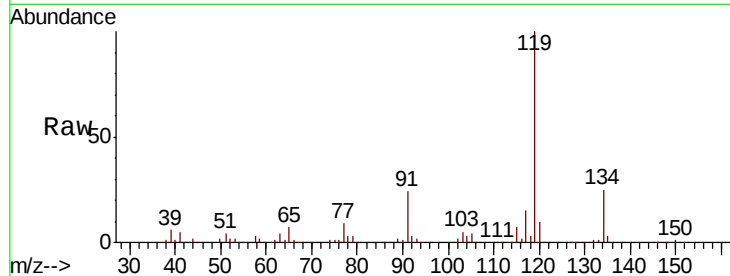




#81
 p-Isopropyltoluene
 Concen: 1.041 ug/l
 RT: 11.81 min Scan# 3255
 Delta R.T. 0.00 min
 Lab File: VU037997.D
 Acq: 04 May 2020 11:17

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
119	100		
134	24.6	20.6	31.0
91	23.6	18.6	28.0

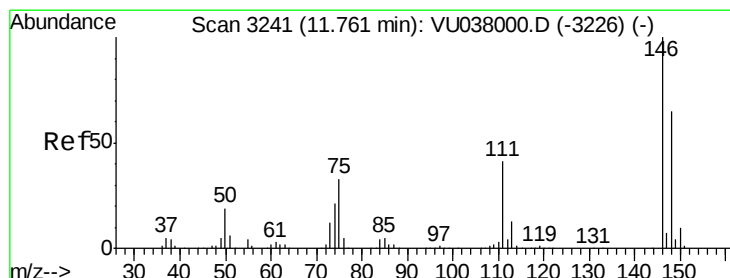
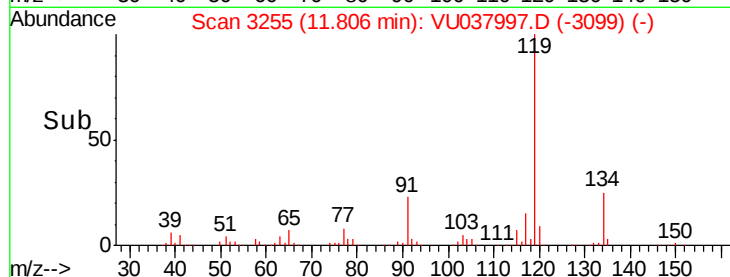
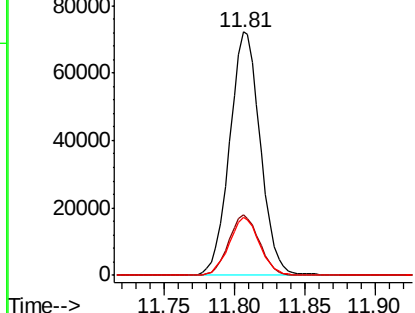


Abundance

Ion 119.00 (118.70 to 119.70): V

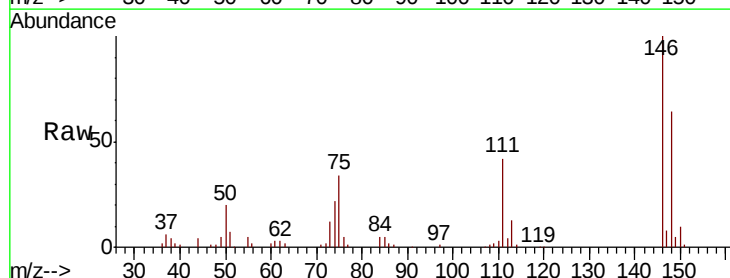
Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



#82
 1,3-Dichlorobenzene
 Concen: 0.996 ug/l
 RT: 11.76 min Scan# 3241
 Delta R.T. 0.00 min
 Lab File: VU037997.D
 Acq: 04 May 2020 11:17

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.7	33.0	49.4
148	64.9	51.4	77.2

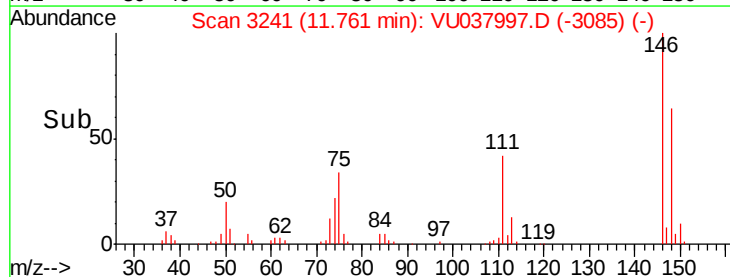
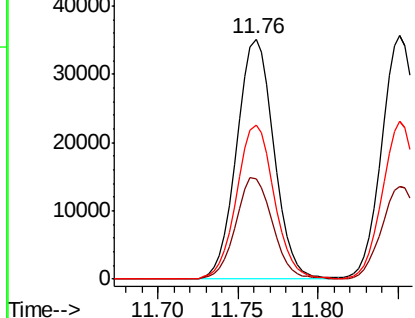


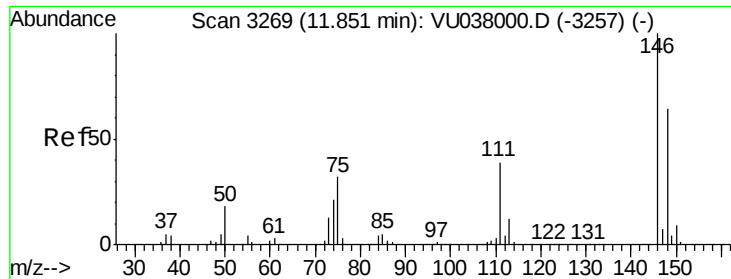
Abundance

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

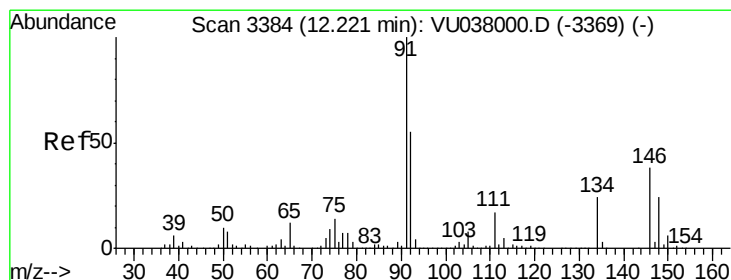
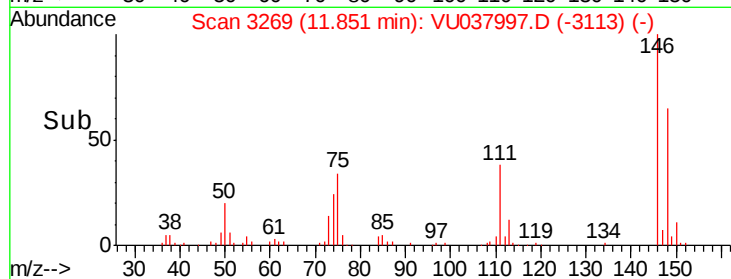
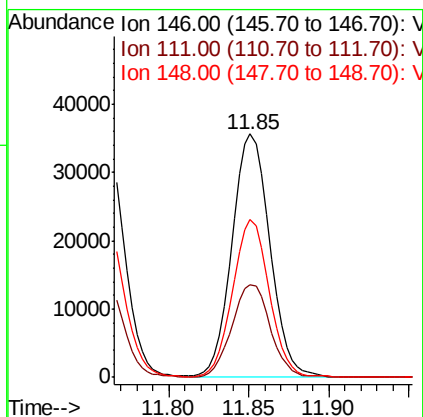
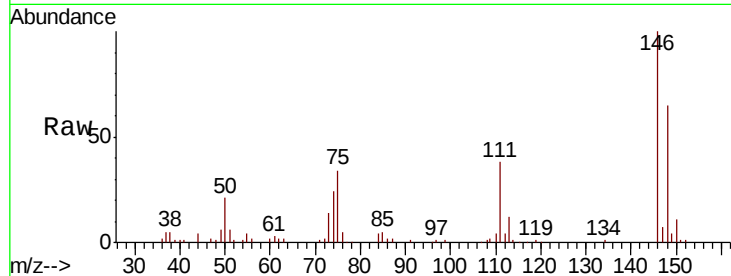




#83
 1,4-Dichlorobenzene
 Concen: 1.017 ug/l
 RT: 11.85 min Scan# 3269
 Delta R.T. 0.00 min
 Lab File: VU037997.D
 Acq: 04 May 2020 11:17

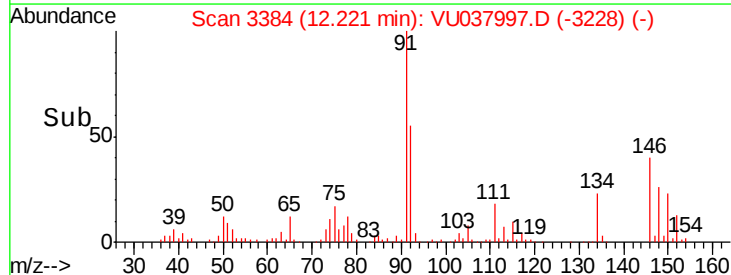
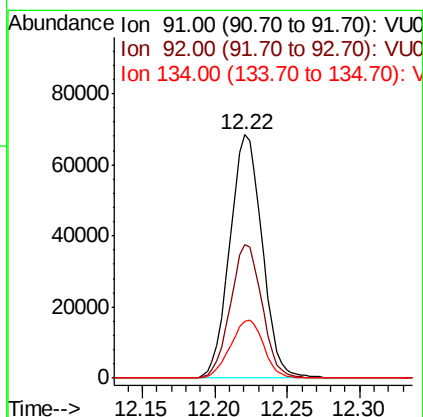
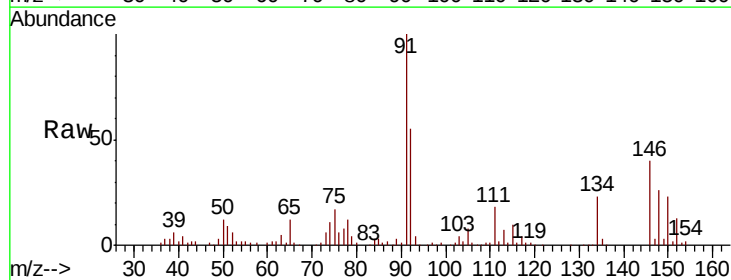
Instrument :
 MSVOA_U
 ClientSampled :

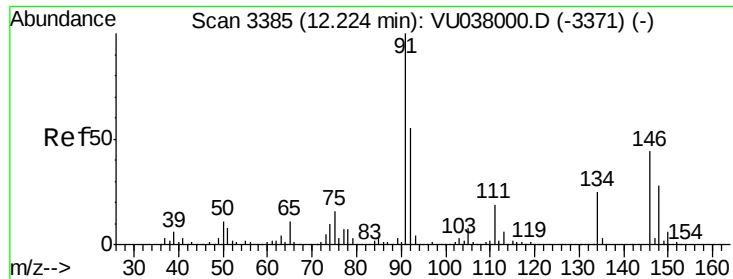
Tot Ion:146 Resp: 57612
 Ion Ratio Lower Upper
 146 100
 111 38.8 31.8 47.6
 148 62.6 51.2 76.8



#84
 n-Butylbenzene
 Concen: 1.049 ug/l
 RT: 12.22 min Scan# 3384
 Delta R.T. 0.00 min
 Lab File: VU037997.D
 Acq: 04 May 2020 11:17

Tgt Ion: 91 Resp: 105960
 Ion Ratio Lower Upper
 91 100
 92 53.8 43.8 65.6
 134 24.6 19.4 29.2

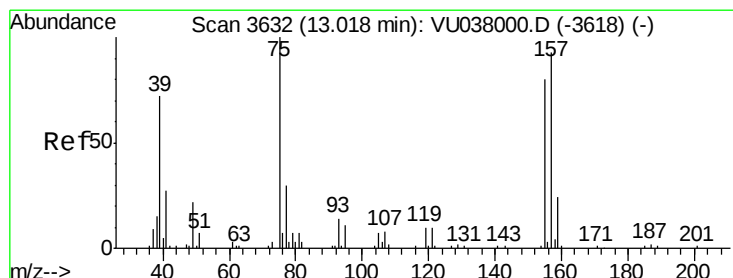
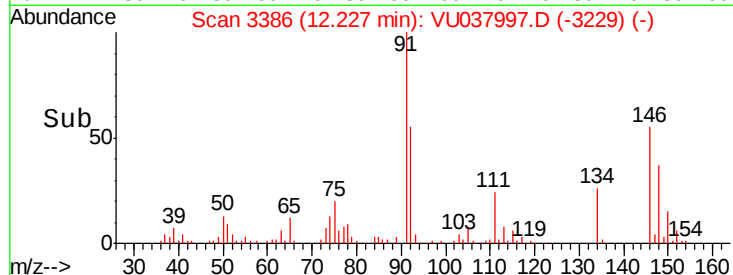
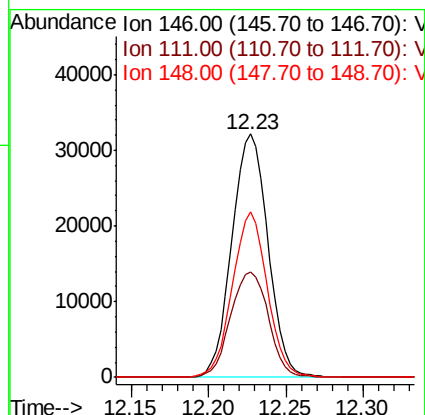
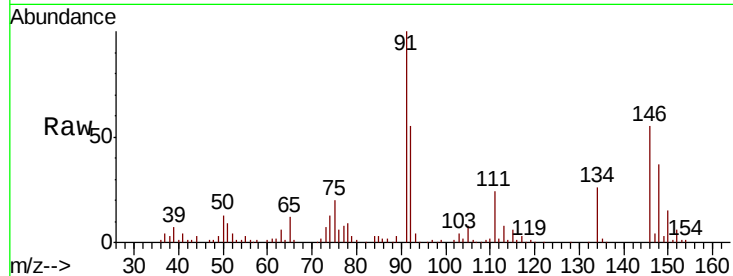




#85
 1,2-Dichlorobenzene
 Concen: 0.965 ug/l
 RT: 12.23 min Scan# 3386
 Delta R.T. 0.00 min
 Lab File: VU037997.D
 Acq: 04 May 2020 11:17

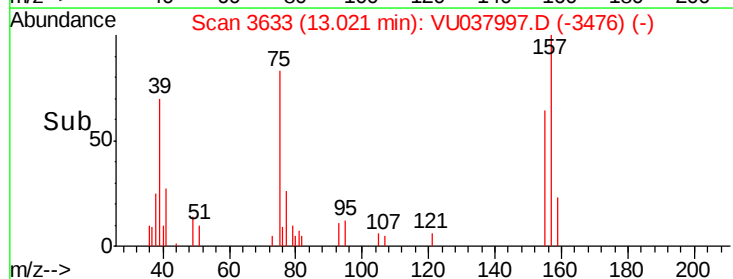
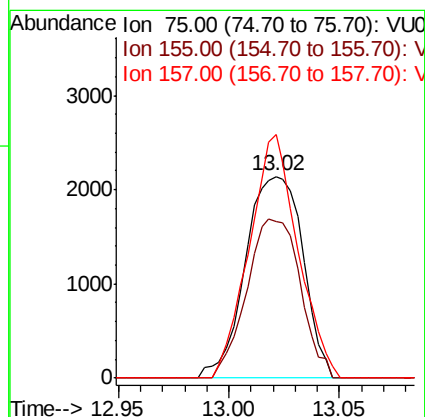
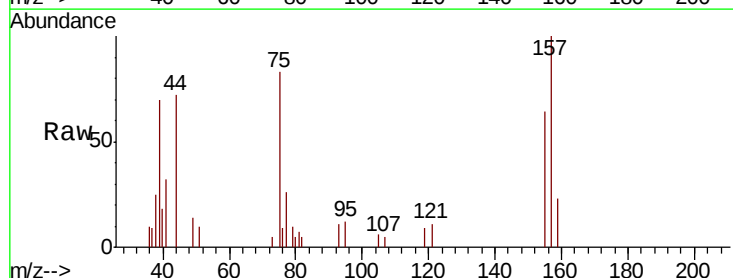
Instrument :
 MSVOA_U
 ClientSampled :

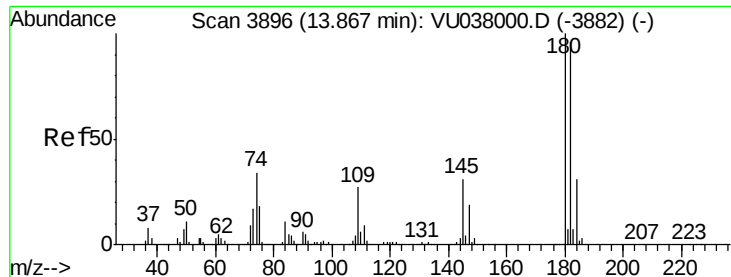
Tot Ion:146 Resp: 52099
 Ion Ratio Lower Upper
 146 100
 111 45.4 21.9 65.8
 148 65.7 31.8 95.4



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 0.904 ug/l
 RT: 13.02 min Scan# 3633
 Delta R.T. 0.00 min
 Lab File: VU037997.D
 Acq: 04 May 2020 11:17

Tgt Ion: 75 Resp: 3857
 Ion Ratio Lower Upper
 75 100
 155 73.5 60.9 91.3
 157 102.4 78.1 117.1

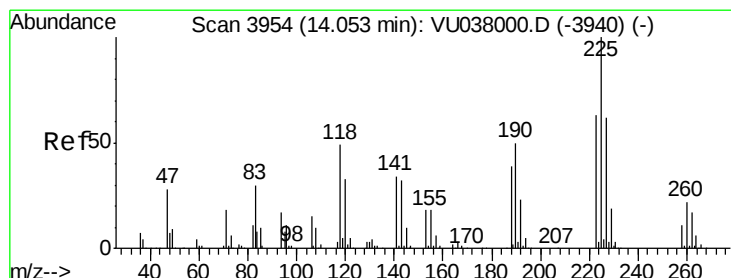
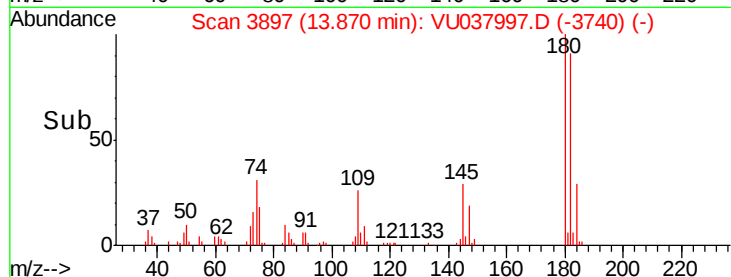
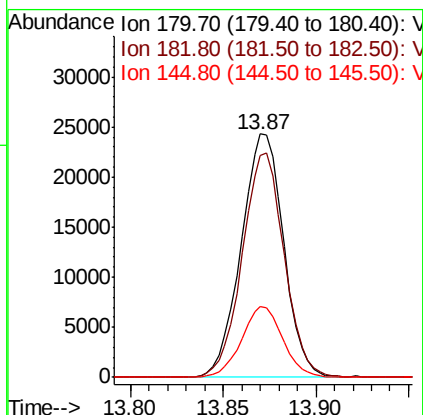
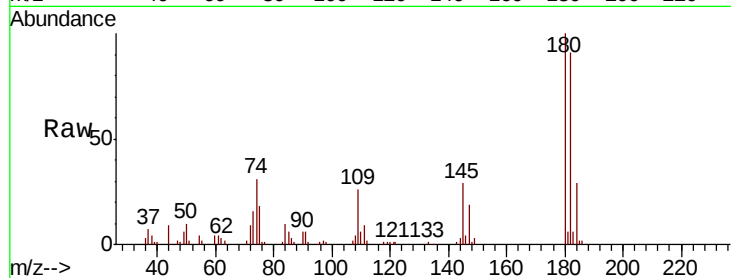




#87
 1,2,4-Trichlorobenzene
 Concen: 1.366 ug/l
 RT: 13.87 min Scan# 3897
 Delta R.T. 0.00 min
 Lab File: VU037997.D
 Acq: 04 May 2020 11:17

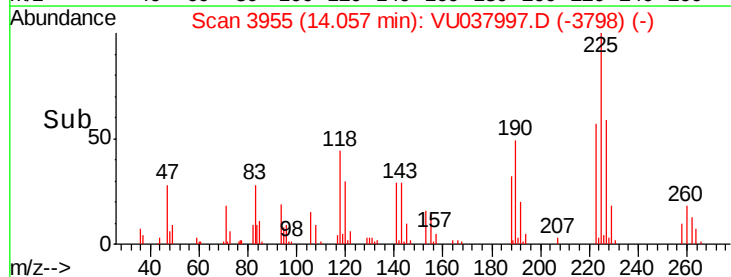
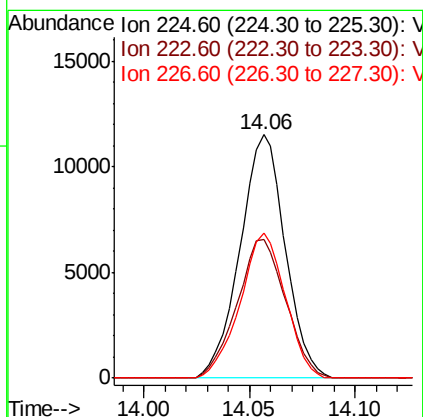
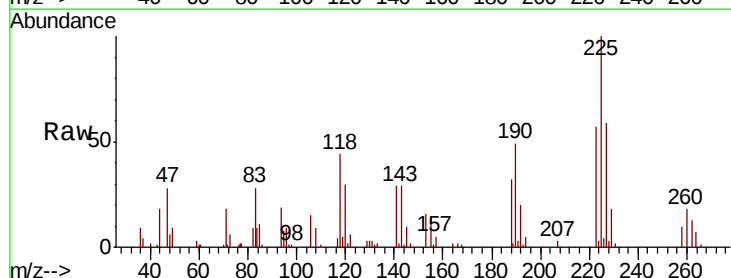
Instrument :
 MSVOA_U
 ClientSampleId :

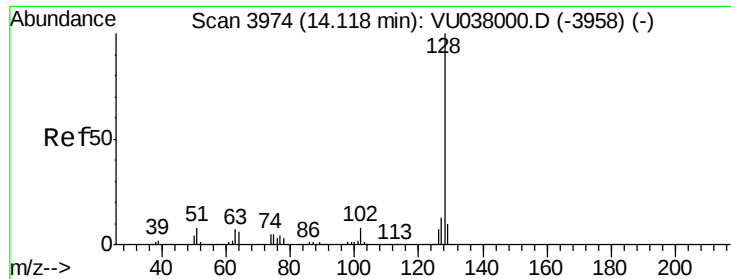
Tot Ion:180 Resp: 38812
 Ion Ratio Lower Upper
 180 100
 182 90.8 76.9 115.3
 145 28.3 24.7 37.1



#88
 Hexachlorobutadiene
 Concen: 1.009 ug/l
 RT: 14.06 min Scan# 3955
 Delta R.T. 0.00 min
 Lab File: VU037997.D
 Acq: 04 May 2020 11:17

Tgt Ion:225 Resp: 17116
 Ion Ratio Lower Upper
 225 100
 223 61.5 51.3 76.9
 227 59.6 49.2 73.8

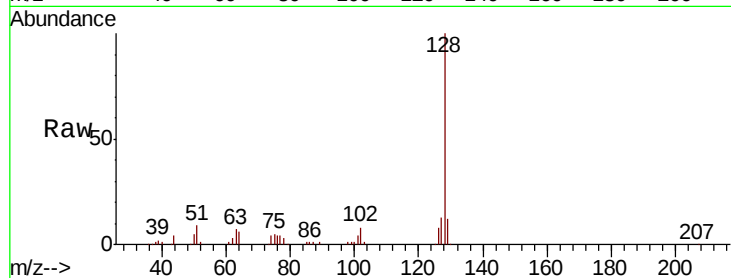




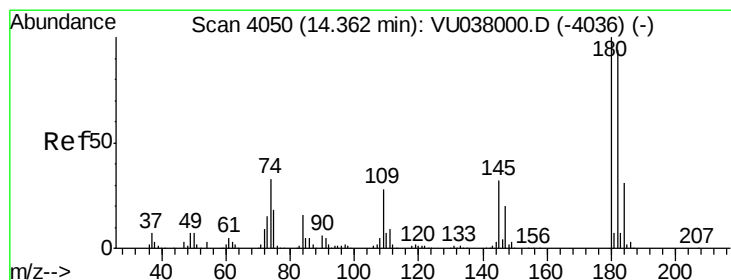
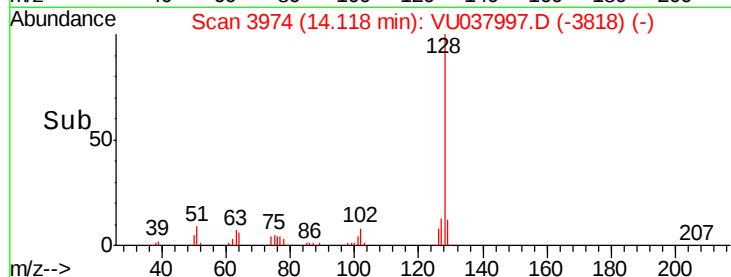
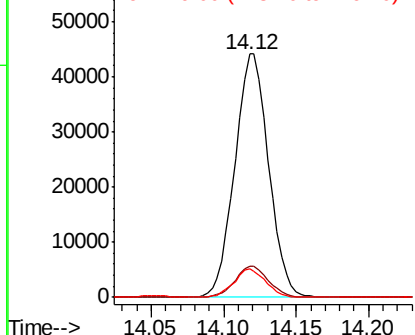
#89
Naphthalene
Concen: 1.456 ug/l
RT: 14.12 min Scan# 3974
Delta R.T. 0.00 min
Lab File: VU037997.D
Acq: 04 May 2020 11:17

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:128 Resp: 71711
Ion Ratio Lower Upper
128 100
127 12.6 10.4 15.6
129 10.9 8.6 12.8

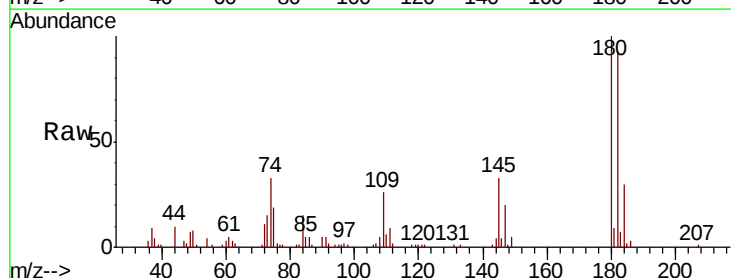


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#90
1,2,3-Trichlorobenzene
Concen: 1.201 ug/l
RT: 14.37 min Scan# 4051
Delta R.T. 0.00 min
Lab File: VU037997.D
Acq: 04 May 2020 11:17

Tgt Ion:180 Resp: 32879
Ion Ratio Lower Upper
180 100
182 92.6 75.9 113.9
145 32.4 26.0 39.0



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

