

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030920\
 Data File : VU037135.D
 Acq On : 09 Mar 2020 15:42
 Operator : JC/MD
 Sample : VSTDICV010
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU030920

Quant Time: Mar 09 16:28:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U030920DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Mon Mar 09 15:46:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----	-----	-----	-----	-----	-----	-----
1) Fluorobenzene	6.15	96	16834	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.65	95	6660	1.02	ug/l	0.00
Spiked Amount 1.000			Recovery	=	102.00%	
68) 1,2-Dichlorobenzene-d4	12.21	152	6756	1.02	ug/l	0.00
Spiked Amount 1.000			Recovery	=	102.00%	
Target Compounds						
					Ovalue	
2) Dichlorodifluoromethane	1.39	85	49473	6.020	ug/l	99
3) Chloromethane	1.54	50	67486	8.260	ug/l	100
4) Vinyl Chloride	1.62	62	55714	7.758	ug/l	100
5) Bromomethane	1.87	94	25315	10.107	ug/l	98
6) Chloroethane	1.95	64	31107	9.041	ug/l	98
7) Trichlorofluoromethane	2.16	101	81787	9.372	ug/l	98
8) 1,1,2-Trichloro-1,2,2-trif	2.60	101	41110	10.041	ug/l #	93
9) 1,1-Dichloroethene	2.60	96	38122	9.793	ug/l	78
10) Iodomethane	2.75	142	20092	9.621	ug/l #	73
11) Allyl Chloride	2.95	41	74002	9.805	ug/l #	67
12) Acrylonitrile	3.36	53	47507	51.594	ug/l	97
13) Acetone	2.66	43	68737	67.163	ug/l #	80
14) Carbon Disulfide	2.82	76	123453	9.522	ug/l	100
15) Methylene Chloride	3.08	84	44793	9.165	ug/l #	77
16) trans-1,2-Dichloroethene	3.38	96	41658	10.076	ug/l	87
17) 1,1-Dichloroethane	3.91	63	91151	9.510	ug/l	99
18) 2-Butanone	4.76	43	85778	54.834	ug/l	97
19) Cyclohexane	5.42	56	76815	9.411	ug/l	98
20) Methylcyclohexane	6.79	83	83927	10.410	ug/l	89
21) 2,2-Dichloropropane	4.71	77	83544	9.553	ug/l	95
22) cis-1,2-Dichloroethene	4.71	96	52518	10.256	ug/l	83
23) Diethyl Ether	2.40	59	30202	9.159	ug/l	88
24) tert-Butyl Alcohol	3.23	59	18545	51.436	ug/l	97
25) Methyl tert-Butyl Ether	3.41	73	110315	9.671	ug/l #	71
26) Bromochloromethane	5.02	128	23071	10.237	ug/l	83
27) Chloroform	5.13	83	97713	9.467	ug/l	99
28) 1,1,1-Trichloroethane	5.35	97	87555	9.951	ug/l	97
29) 1,1-Dichloropropene	5.56	75	70515	9.863	ug/l	97
30) Carbon Tetrachloride	5.56	117	77045	10.007	ug/l	99
31) Isopropyl Ether	4.05	45	164228	10.734	ug/l #	1
33) Tert-Amyl methyl ether	5.81	73	3727	0.301	ug/l #	1
34) Propionitrile	4.83	54	40837	99.253	ug/l #	93
35) Benzene	5.81	78	200832	9.888	ug/l	98
36) 1,2-Dichloroethane	5.83	62	70676	9.599	ug/l #	93
37) Trichloroethene	6.57	130	52120	9.780	ug/l	92
38) 1,2-Dichloropropane	6.82	63	54218	9.725	ug/l	99
39) Methacrylonitrile	5.02	41	19534	9.840	ug/l #	83
40) Methyl acrylate	4.90	55	27053	9.855	ug/l #	93
41) Tetrahydrofuran	5.11	42	48596	49.067	ug/l #	85
42) 1-Chlorobutane	5.49	56	104738	10.171	ug/l	84
43) Dibromomethane	6.95	93	28504	9.975	ug/l	90

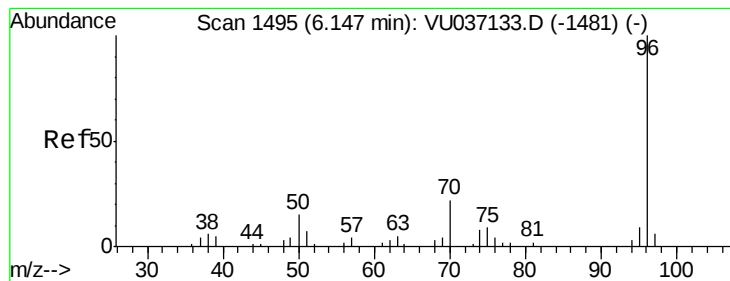
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030920\
 Data File : VU037135.D
 Acq On : 09 Mar 2020 15:42
 Operator : JC/MD
 Sample : VSTDICV010
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU030920

Quant Time: Mar 09 16:28:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U030920DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Mon Mar 09 15:46:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Bromodichloromethane	7.14	83	74331	9.991	ug/l	98
45) 4-Methyl-2-Pentanone	7.83	43	186374	48.636	ug/l #	87
46) t-1,4-Dichloro-2-butene	10.84	75	51980	49.559	ug/l #	52
47) Methyl methacrylate	7.00	69	24747	10.478	ug/l #	62
48) Ethyl methacrylate	8.36	69	49600	10.630	ug/l	67
49) Toluene	8.00	92	128394	10.468	ug/l	100
50) t-1,3-Dichloropropene	8.24	75	71342	10.645	ug/l	100
51) cis-1,3-Dichloropropene	7.64	75	79976	10.448	ug/l #	81
52) 1,1,2-Trichloroethane	8.43	97	39004	10.231	ug/l	97
53) 1,3-Dichloropropane	8.60	76	66644	9.856	ug/l	98
54) 2-Hexanone	8.71	43	144348	54.680	ug/l	87
55) Dibromochloromethane	8.84	129	48772	10.335	ug/l	98
56) 1,2-Dibromoethane	8.95	107	37567	10.405	ug/l	98
58) Tetrachloroethene	8.58	164	48079	9.612	ug/l	93
59) Chlorobenzene	9.47	112	132453	9.676	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.56	131	50559	10.090	ug/l	97
61) Pentachloroethane	11.45	117	40269	10.534	ug/l	96
62) Hexachloroethane	12.49	117	43056	10.521	ug/l	84
63) Ethyl Benzene	9.59	91	255780	10.946	ug/l	95
64) m/p-Xylenes	9.72	106	191152	21.609	ug/l	88
65) o-Xylene	10.12	106	90706	10.627	ug/l	91
66) Styrene	10.13	104	156150	11.177	ug/l	95
67) Bromoform	10.31	173	25894	10.396	ug/l #	96
69) Isopropylbenzene	10.50	105	256086	11.007	ug/l	96
70) 1,1,2,2-Tetrachloroethane	10.80	83	49981	9.967	ug/l	98
71) 1,2,3-Trichloropropane	10.84	75	51980	12.680	ug/l	69
72) Bromobenzene	10.80	156	57394	10.195	ug/l	90
73) n-propylbenzene	10.92	120	67451	10.937	ug/l	78
74) 2-Chlorotoluene	11.00	126	59118	10.590	ug/l	87
75) 1,3,5-Trimethylbenzene	11.11	105	230436	11.439	ug/l	95
76) 4-Chlorotoluene	11.11	126	61204	10.891	ug/l	77
77) tert-Butylbenzene	11.44	119	210051	10.697	ug/l	93
78) 1,2,4-Trimethylbenzene	11.48	105	228434	11.234	ug/l	95
79) sec-Butylbenzene	11.66	105	268521	10.050	ug/l	98
80) Nitrobenzene	13.24	77	1088	9.913	ug/l #	91
81) p-Isopropyltoluene	11.81	119	241106	11.449	ug/l	95
82) 1,3-Dichlorobenzene	11.76	146	113430	10.169	ug/l	98
83) 1,4-Dichlorobenzene	11.85	146	114469	10.129	ug/l	99
84) n-Butylbenzene	12.22	91	236707	11.865	ug/l	96
85) 1,2-Dichlorobenzene	12.23	146	106775	9.892	ug/l	98
86) 1,2-Dibromo-3-Chloropropan	13.02	75	9543	10.783	ug/l #	76
87) 1,2,4-Trichlorobenzene	13.87	180	68406	12.609	ug/l	98
88) Hexachlorobutadiene	14.05	225	35804	10.664	ug/l	99
89) Naphthalene	14.12	128	120368	10.799	ug/l	100
90) 1,2,3-Trichlorobenzene	14.37	180	63169	11.963	ug/l	97

(#) = 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: VU037135.D

Acq: 09 Mar 2020 15:42

Instrument :

MSVOA_U

ClientSampleId :

ICVVU030920

Tot Ion: 96 Resp: 16834

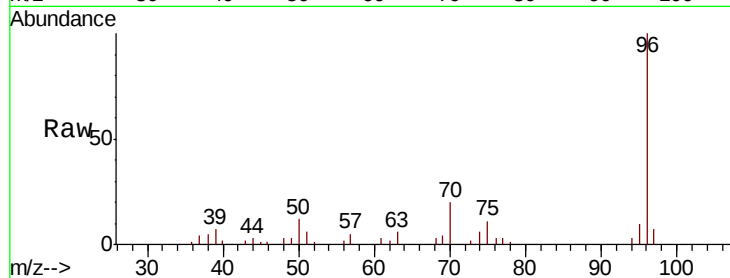
Ion Ratio Lower Upper

96 100

70 19.9 15.6 23.4

95 9.3 7.0 10.6

97 0.0 0.0 0.0

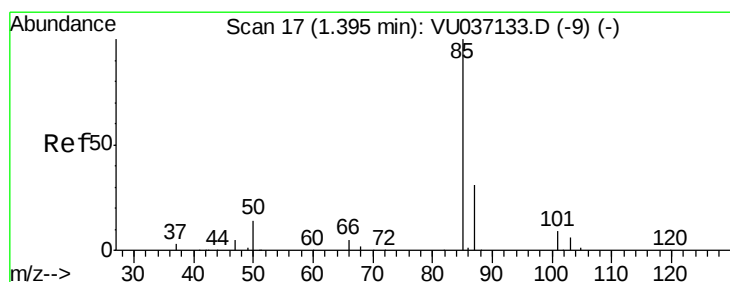
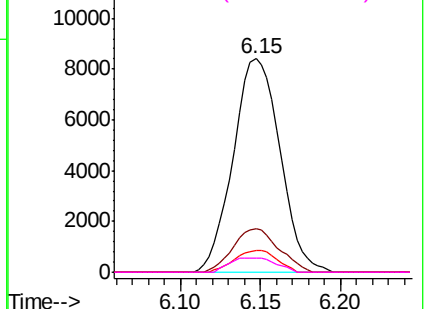
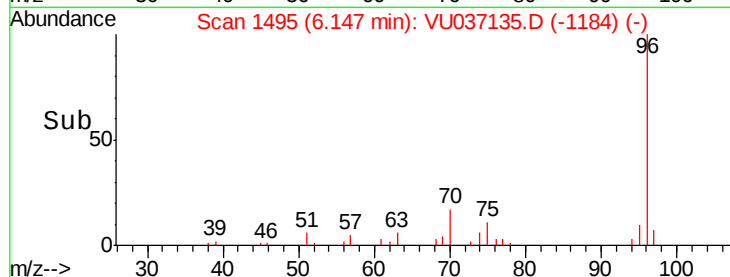


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0



#2

Dichlorodifluoromethane

Concen: 6.020 ug/l

RT: 1.39 min Scan# 17

Delta R.T. -0.00 min

Lab File: VU037135.D

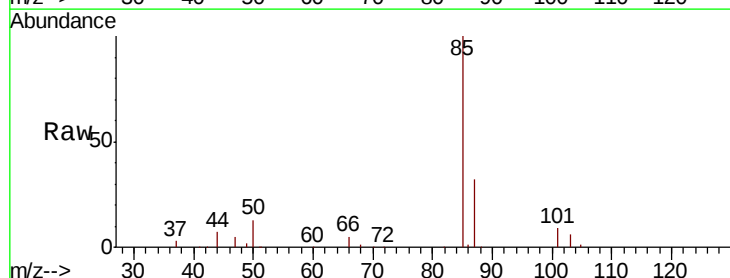
Acq: 09 Mar 2020 15:42

Tgt Ion: 85 Resp: 49473

Ion Ratio Lower Upper

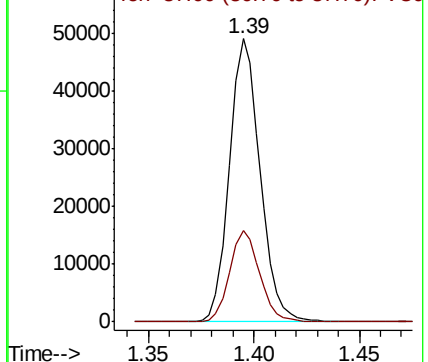
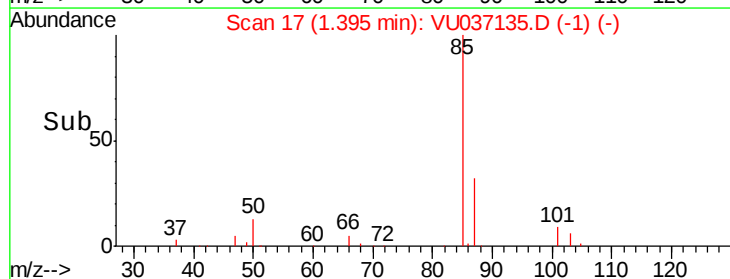
85 100

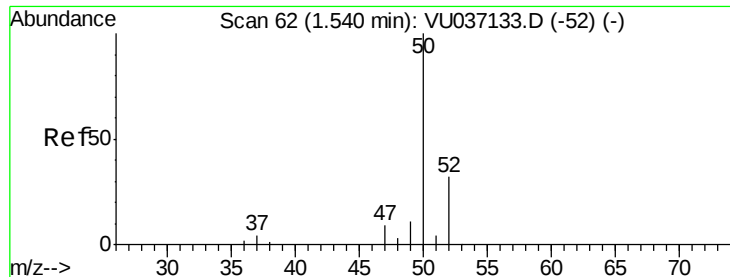
87 32.1 16.4 49.2



Abundance Ion 85.00 (84.70 to 85.70): VU0

Ion 87.00 (86.70 to 87.70): VU0

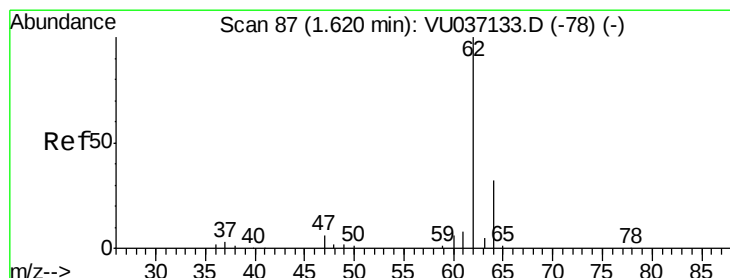
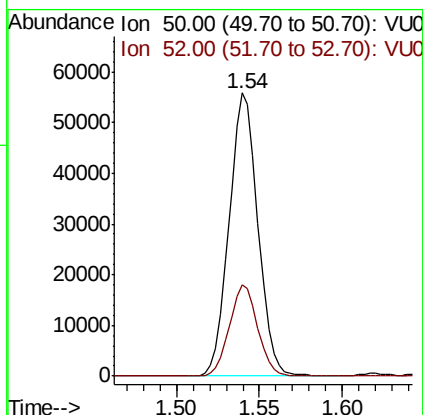
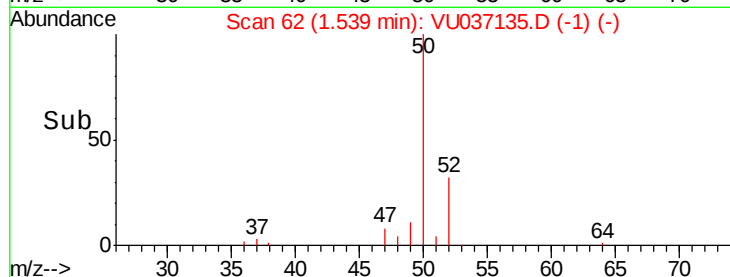
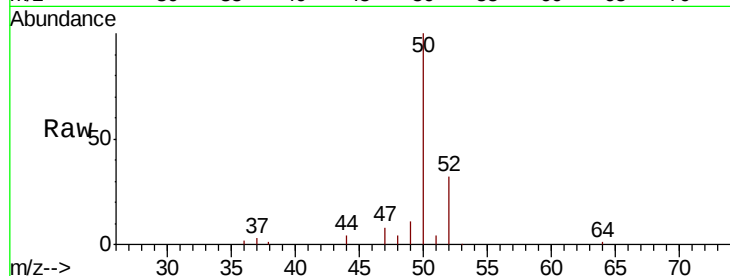




#3
Chloromethane
Concen: 8.260 ug/l
RT: 1.54 min Scan# 62
Delta R.T. -0.00 min
Lab File: VU037135.D
Acq: 09 Mar 2020 15:42

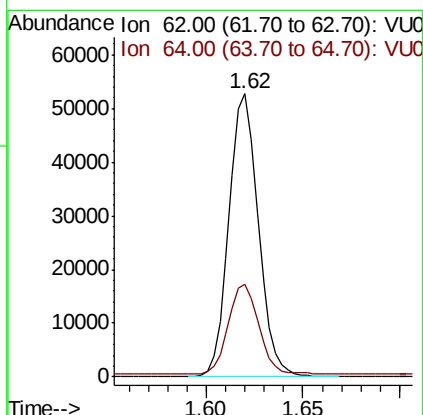
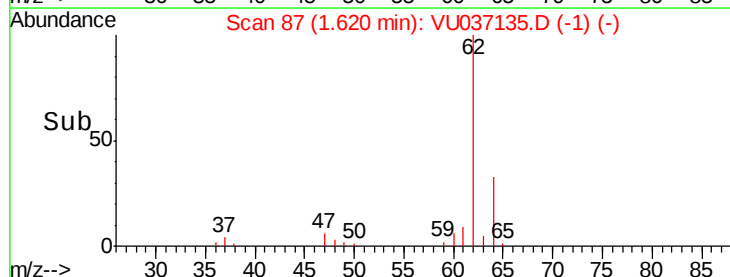
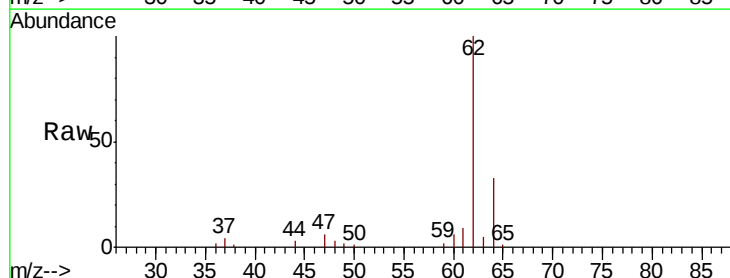
Instrument :
MSVOA_U
ClientSampleId :
ICVVU030920

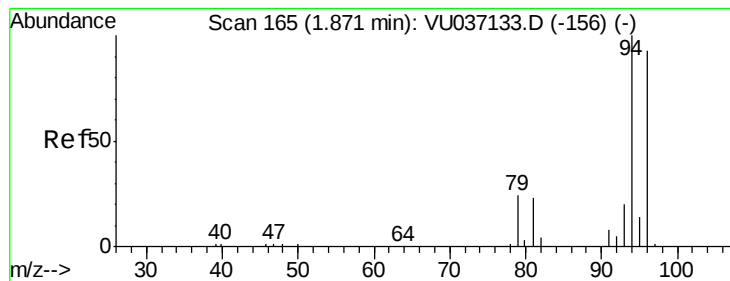
Tot Ion: 50 Resp: 67486
Ion Ratio Lower Upper
50 100
52 32.2 26.0 39.0



#4
Vinyl Chloride
Concen: 7.758 ug/l
RT: 1.62 min Scan# 87
Delta R.T. -0.00 min
Lab File: VU037135.D
Acq: 09 Mar 2020 15:42

Tgt Ion: 62 Resp: 55714
Ion Ratio Lower Upper
62 100
64 31.6 25.4 38.2





#5

Bromomethane

Concen: 10.107 ug/l

RT: 1.87 min Scan# 166

Delta R.T. 0.00 min

Lab File: VU037135.D

Acq: 09 Mar 2020 15:42

Instrument :

MSVOA_U

ClientSampleId :

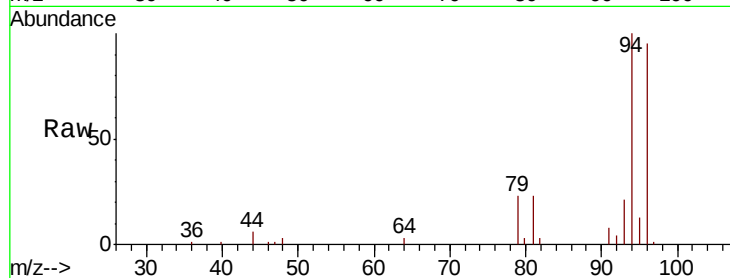
ICVVU030920

Tot Ion: 94 Resp: 25315

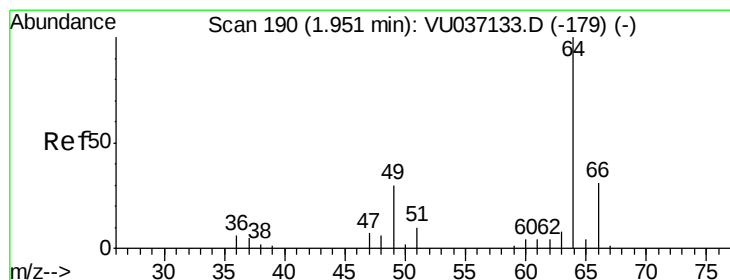
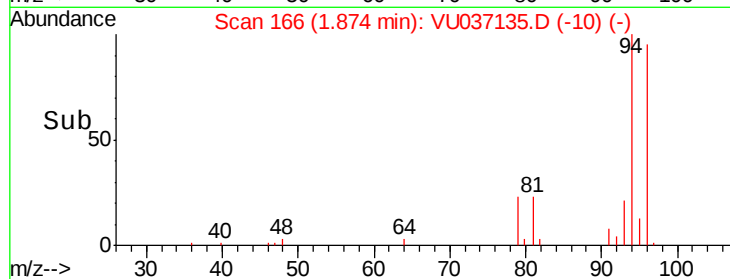
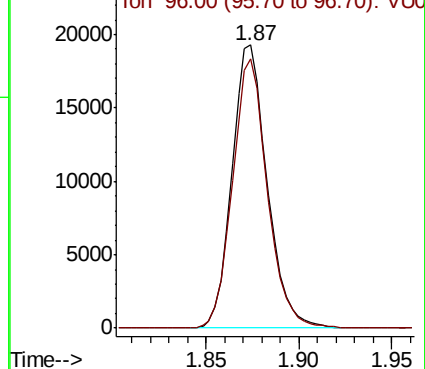
Ion Ratio Lower Upper

94 100

96 95.0 74.6 112.0



Abundance Ion 94.00 (93.70 to 94.70): VU037135.D (-156) (-)



#6

Chloroethane

Concen: 9.041 ug/l

RT: 1.95 min Scan# 190

Delta R.T. -0.00 min

Lab File: VU037135.D

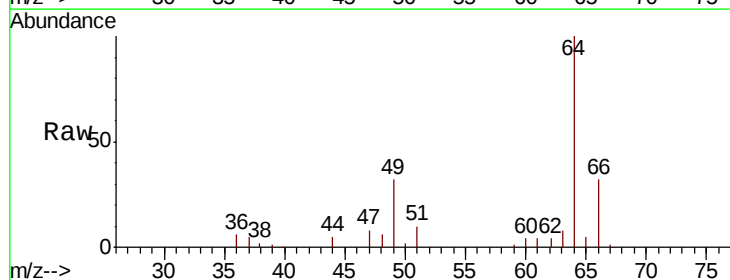
Acq: 09 Mar 2020 15:42

Tgt Ion: 64 Resp: 31107

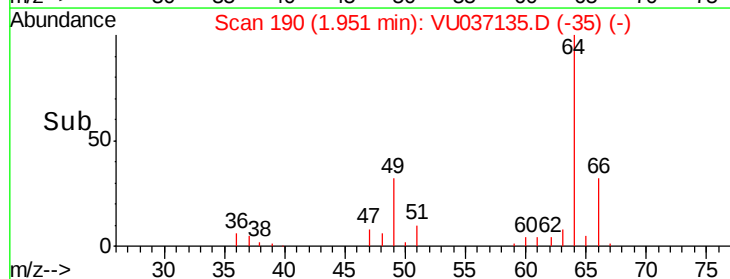
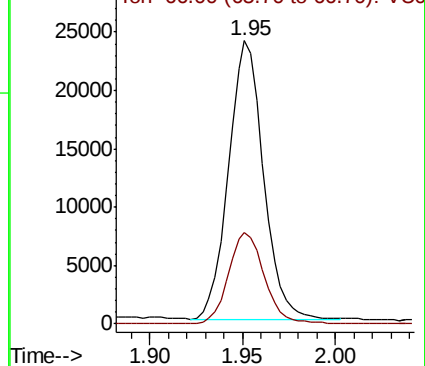
Ion Ratio Lower Upper

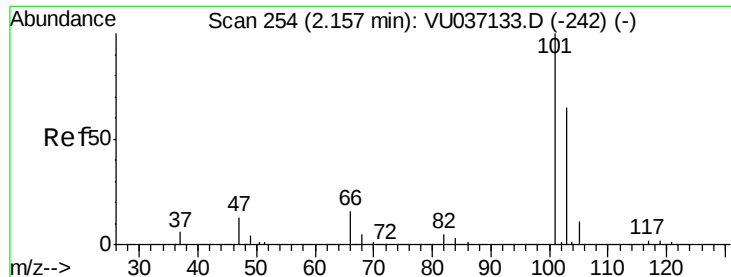
64 100

66 32.8 25.5 38.3



Abundance Ion 64.00 (63.70 to 64.70): VU037135.D (-179) (-)



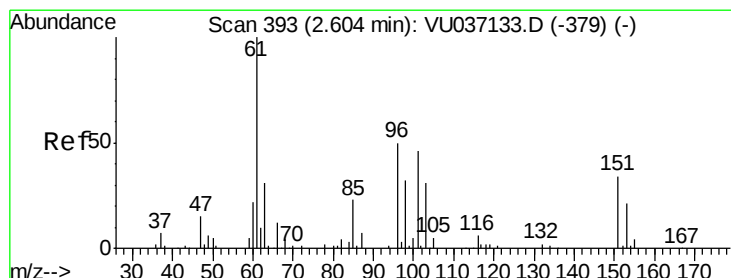
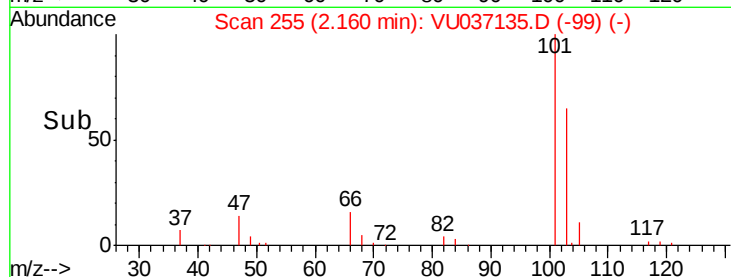
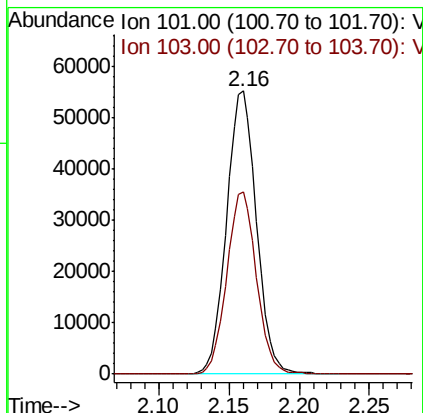
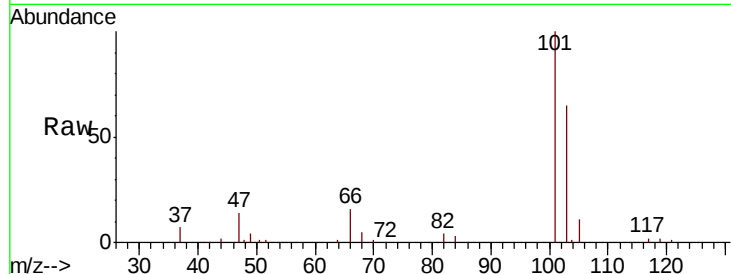


#7

Trichlorofluoromethane
Concen: 9.372 ug/l
RT: 2.16 min Scan# 255
Delta R.T. 0.00 min
Lab File: VU037135.D
Acq: 09 Mar 2020 15:42

Instrument :
MSVOA_U
ClientSampleId :
ICVVU030920

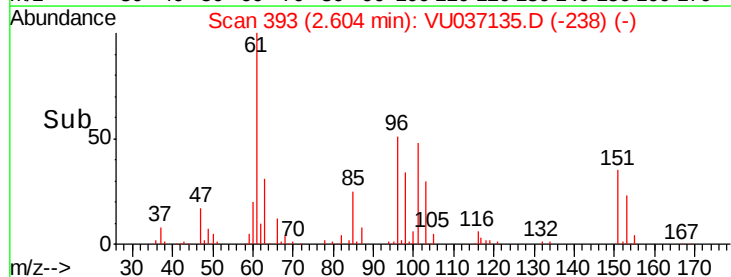
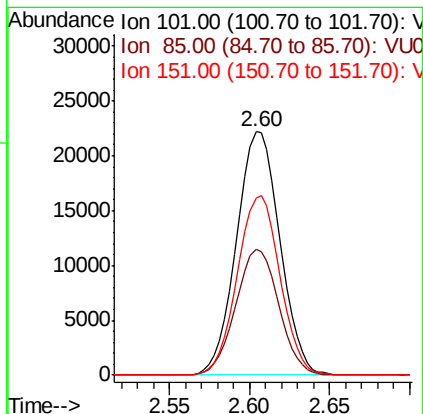
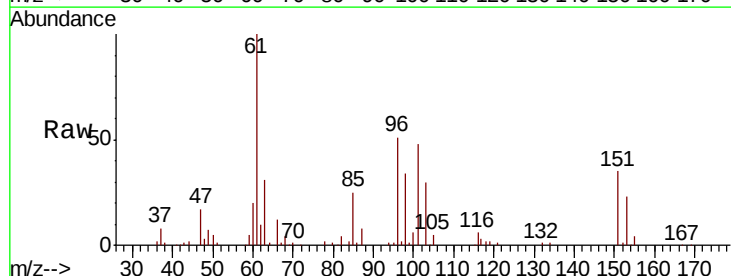
Tot Ion:101 Resp: 81787
Ion Ratio Lower Upper
101 100
103 64.5 53.0 79.6

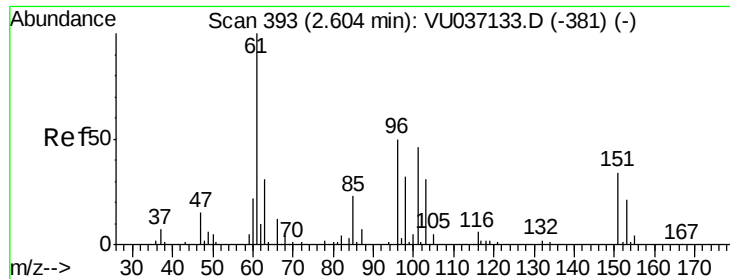


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 10.041 ug/l
RT: 2.60 min Scan# 393
Delta R.T. -0.00 min
Lab File: VU037135.D
Acq: 09 Mar 2020 15:42

Tgt Ion:101 Resp: 41110
Ion Ratio Lower Upper
101 100
85 51.2 33.9 50.9#
151 72.6 59.8 89.8





#9

1,1-Dichloroethene

Concen: 9.793 ug/l

RT: 2.60 min Scan# 393

Delta R.T. -0.00 min

Lab File: VU037135.D

Acq: 09 Mar 2020 15:42

Instrument :

MSVOA_U

ClientSampleId :

ICVVU030920

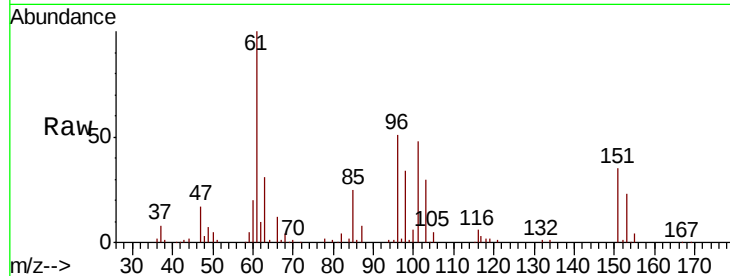
Tot Ion: 96 Resp: 38122

Ion Ratio Lower Upper

96 100

61 194.8 0.0 463.2

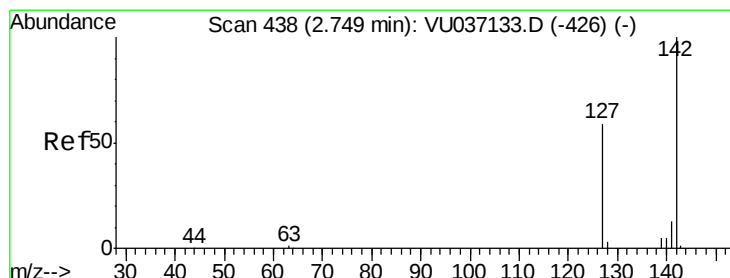
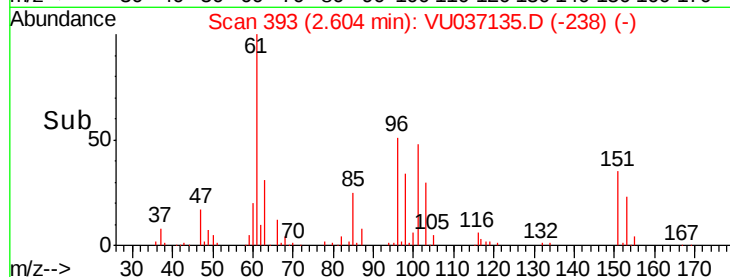
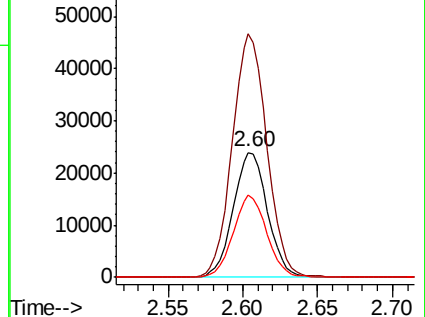
98 65.4 0.0 130.0



Abundance Ion 96.00 (95.70 to 96.70): VU037135.D (-381) (-)

Ion 61.00 (60.70 to 61.70): VU037135.D (-381) (-)

Ion 98.00 (97.70 to 98.70): VU037135.D (-381) (-)



#10

Iodomethane

Concen: 9.621 ug/l

RT: 2.75 min Scan# 438

Delta R.T. 0.00 min

Lab File: VU037135.D

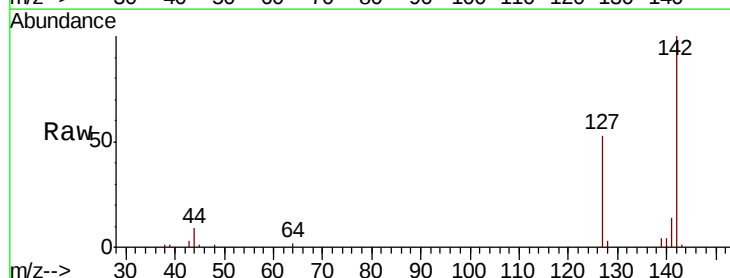
Acq: 09 Mar 2020 15:42

Tgt Ion: 142 Resp: 20092

Ion Ratio Lower Upper

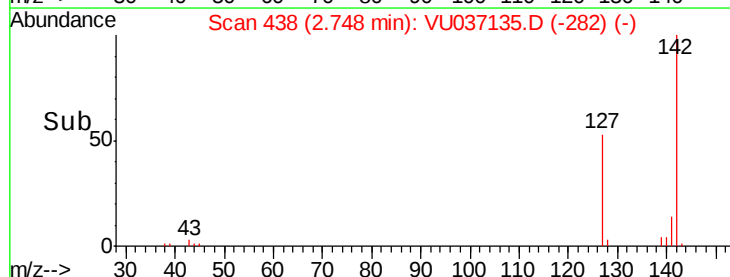
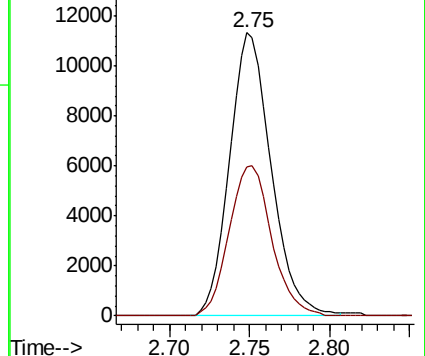
142 100

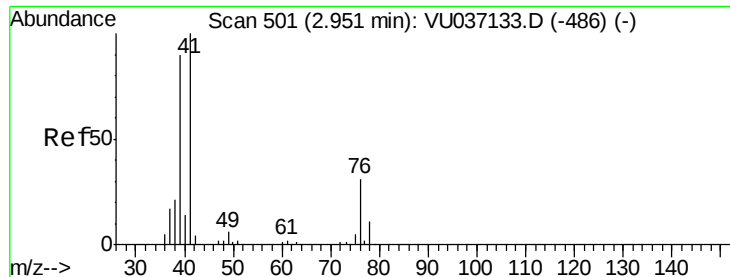
127 54.2 30.3 45.5#



Abundance Ion 142.00 (141.70 to 142.70): VU037135.D (-426) (-)

Ion 127.00 (126.70 to 127.70): VU037135.D (-426) (-)

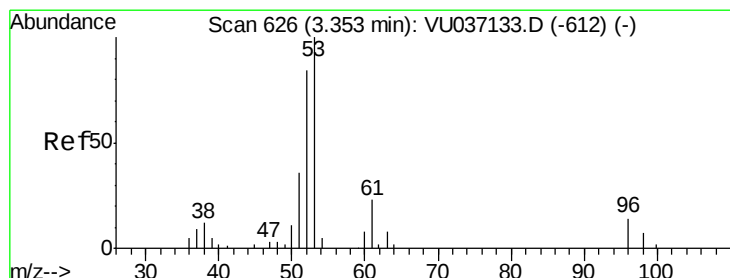
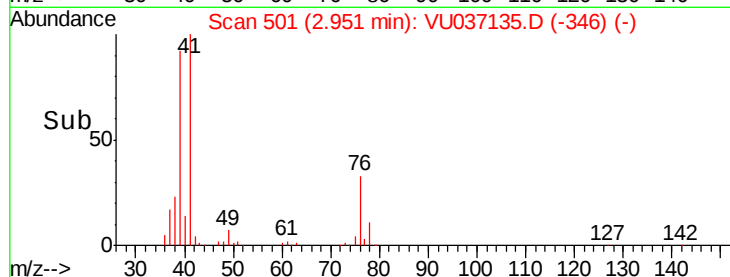
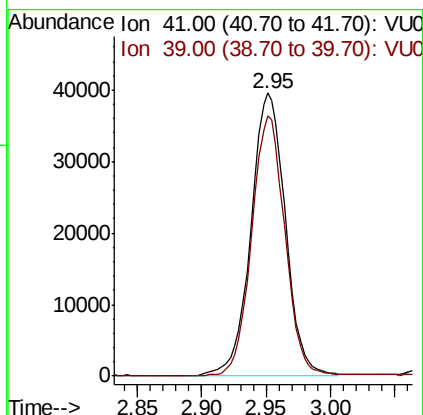
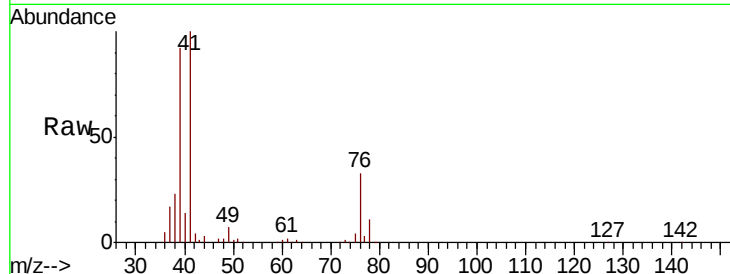




#11
Allvl Chloride
Concen: 9.805 ug/l
RT: 2.95 min Scan# 501
Delta R.T. -0.00 min
Lab File: VU037135.D
Acq: 09 Mar 2020 15:42

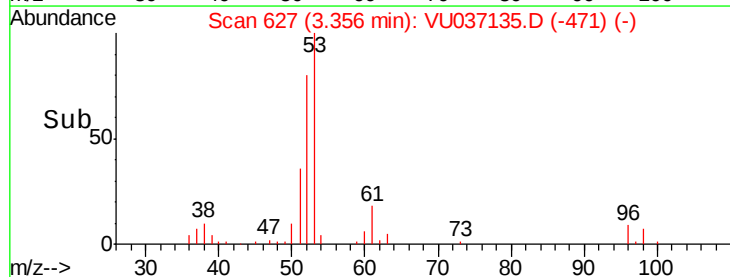
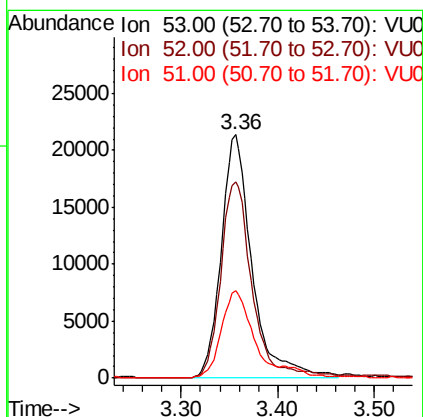
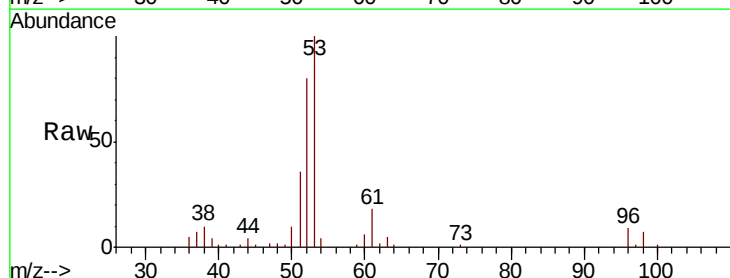
Instrument :
MSVOA_U
ClientSampleId :
ICVVU030920

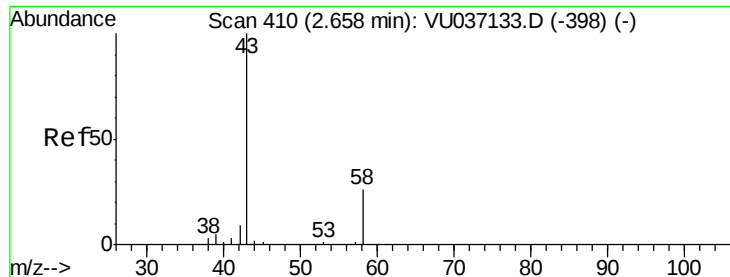
Tot Ion: 41 Resp: 74002
Ion Ratio Lower Upper
41 100
39 89.0 50.7 76.1#



#12
Acrylonitrile
Concen: 51.594 ug/l
RT: 3.36 min Scan# 627
Delta R.T. 0.00 min
Lab File: VU037135.D
Acq: 09 Mar 2020 15:42

Tgt Ion: 53 Resp: 47507
Ion Ratio Lower Upper
53 100
52 81.1 64.6 97.0
51 39.3 27.2 40.8





#13

Acetone

Concen: 67.163 ug/l

RT: 2.66 min Scan# 410

Delta R.T. -0.00 min

Lab File: VU037135.D

Acq: 09 Mar 2020 15:42

Instrument :

MSVOA_U

ClientSampleId :

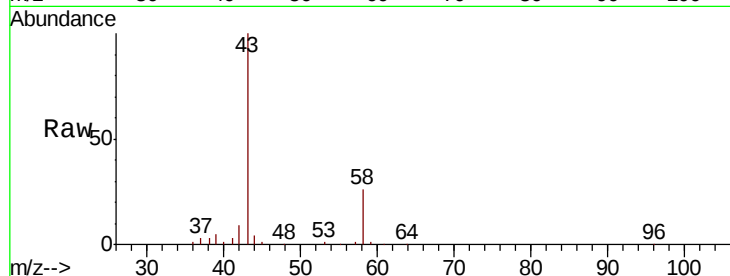
ICVVU030920

Tot Ion: 43 Resp: 68737

Ion Ratio Lower Upper

43 100

58 26.5 30.8 46.2#



Abundance Ion 43.00 (42.70 to 43.70): VU037135.D (-398) (-)

Ion 58.00 (57.70 to 58.70): VU037135.D (-398) (-)

2.66

40000

30000

20000

10000

0

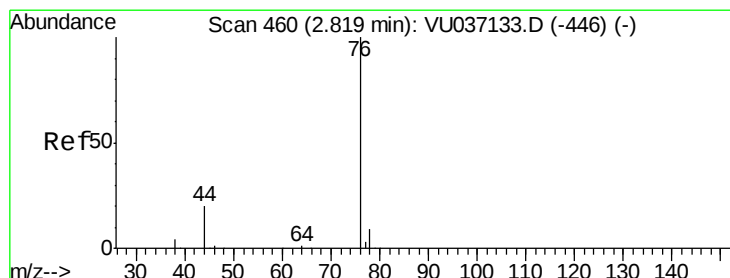
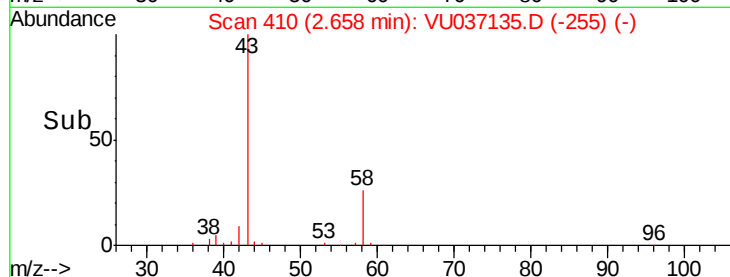
2.60

2.65

2.70

2.75

Time-->



#14

Carbon Disulfide

Concen: 9.522 ug/l

RT: 2.82 min Scan# 460

Delta R.T. -0.00 min

Lab File: VU037135.D

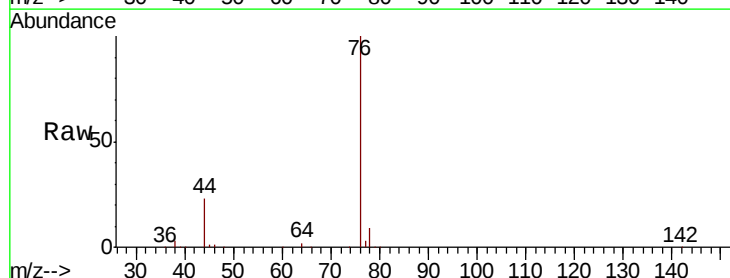
Acq: 09 Mar 2020 15:42

Tgt Ion: 76 Resp: 123453

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.0



Abundance Ion 76.00 (75.70 to 76.70): VU037135.D (-446) (-)

Ion 78.00 (77.70 to 78.70): VU037135.D (-446) (-)

2.82

80000

60000

40000

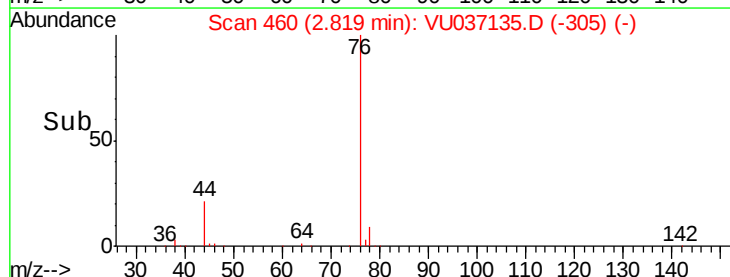
20000

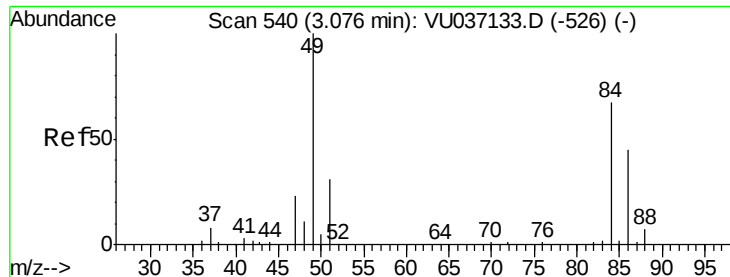
0

2.80

2.90

Time-->

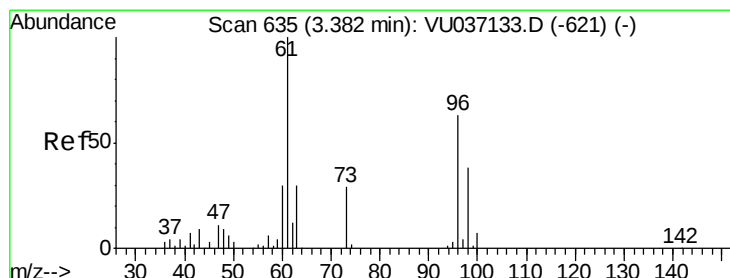
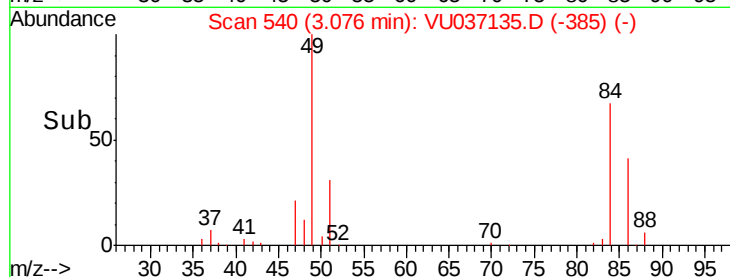
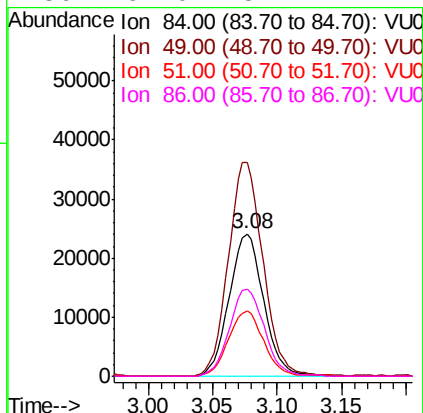
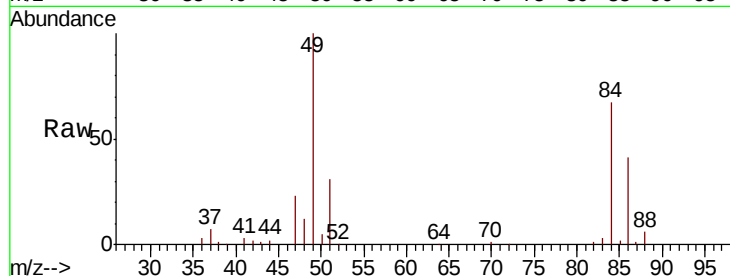




#15
Methvlene Chloride
Concen: 9.165 ug/l
RT: 3.08 min Scan# 540
Delta R.T. -0.00 min
Lab File: VU037135.D
Acq: 09 Mar 2020 15:42

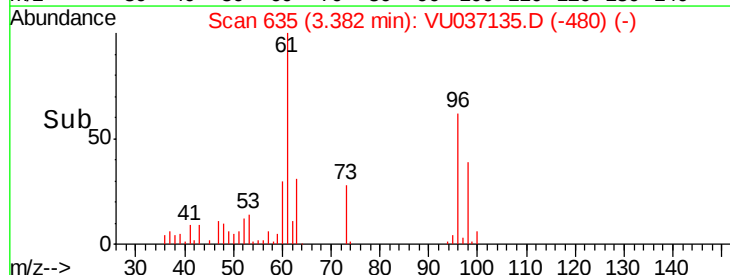
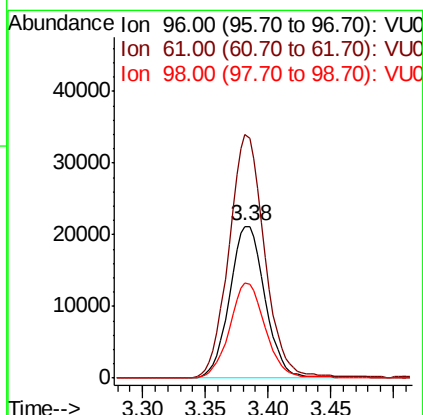
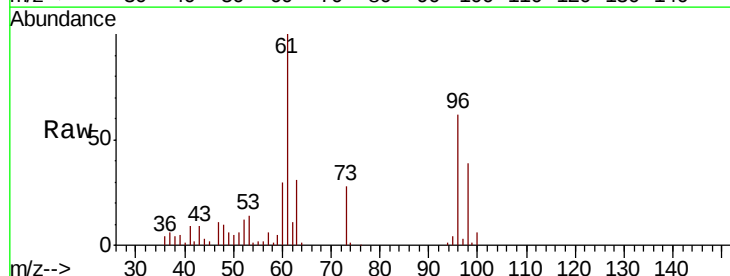
Instrument :
MSVOA_U
ClientSampleId :
ICVVU030920

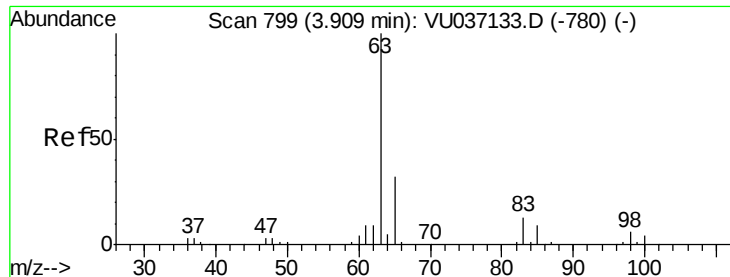
Tot Ion: 84 Resp: 44793
Ion Ratio Lower Upper
84 100
49 149.7 89.7 134.5#
51 45.8 0.0 71.6
86 61.0 51.4 77.2



#16
trans-1,2-Dichloroethene
Concen: 10.076 ug/l
RT: 3.38 min Scan# 635
Delta R.T. -0.00 min
Lab File: VU037135.D
Acq: 09 Mar 2020 15:42

Tgt Ion: 96 Resp: 41658
Ion Ratio Lower Upper
96 100
61 160.2 110.8 166.2
98 62.3 50.3 75.5

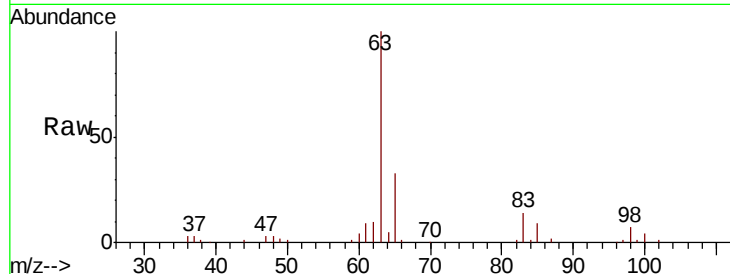




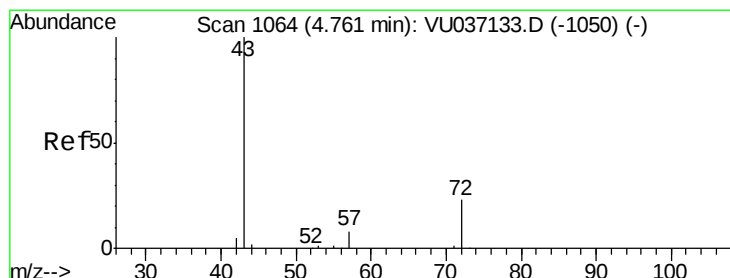
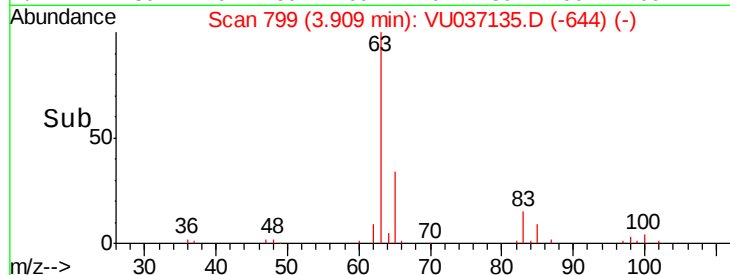
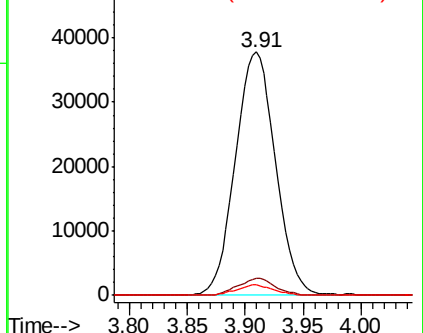
#17
 1,1-Dichloroethane
 Concen: 9.510 ug/l
 RT: 3.91 min Scan# 799
 Delta R.T. -0.00 min
 Lab File: VU037135.D
 Acq: 09 Mar 2020 15:42

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU030920

Tot Ion: 63 Resp: 91151
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.5 10.5
 100 4.3 2.4 7.1

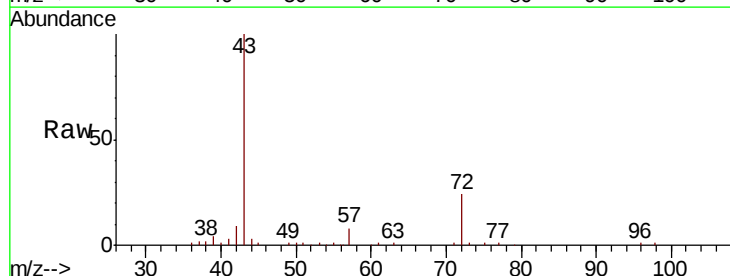


Abundance Ion 63.00 (62.70 to 63.70): VU0
 Ion 98.00 (97.70 to 98.70): VU0
 Ion 100.00 (99.70 to 100.70): VU0

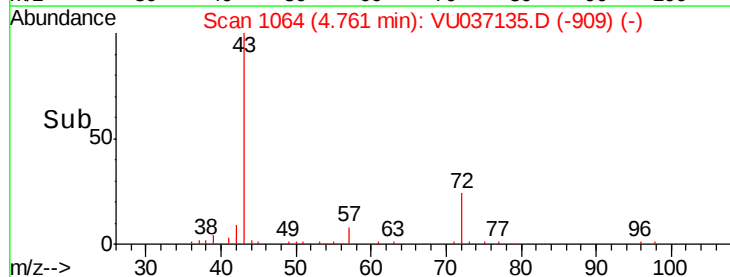
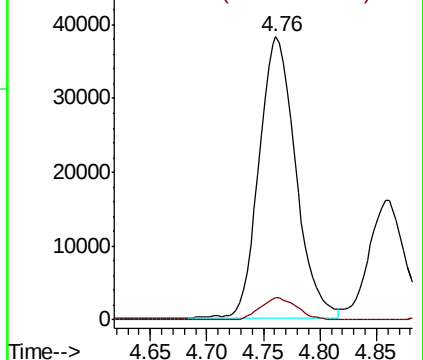


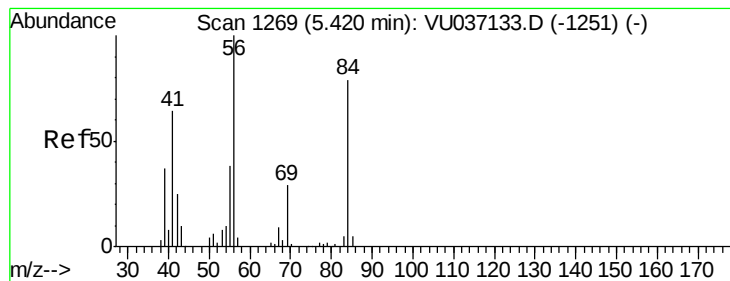
#18
 2-Butanone
 Concen: 54.834 ug/l
 RT: 4.76 min Scan# 1064
 Delta R.T. -0.00 min
 Lab File: VU037135.D
 Acq: 09 Mar 2020 15:42

Tgt Ion: 43 Resp: 85778
 Ion Ratio Lower Upper
 43 100
 57 7.9 0.0 17.8



Abundance Ion 43.00 (42.70 to 43.70): VU0
 Ion 57.00 (56.70 to 57.70): VU0





#19

Cyclohexane

Concen: 9.411 ug/l

RT: 5.42 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VU037135.D

Acq: 09 Mar 2020 15:42

Instrument :

MSVOA_U

ClientSampleId :

ICVVU030920

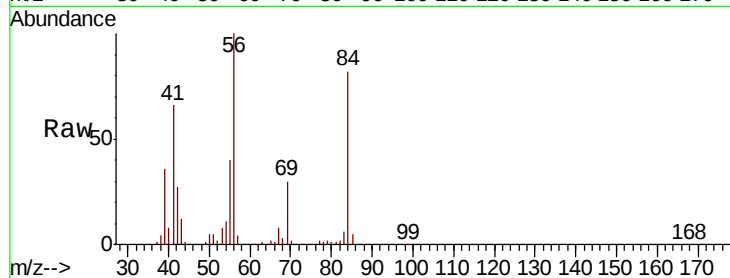
Tot Ion: 56 Resp: 76815

Ion Ratio Lower Upper

56 100

69 32.4 26.2 39.2

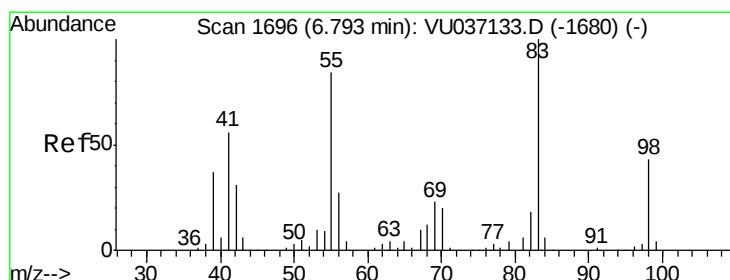
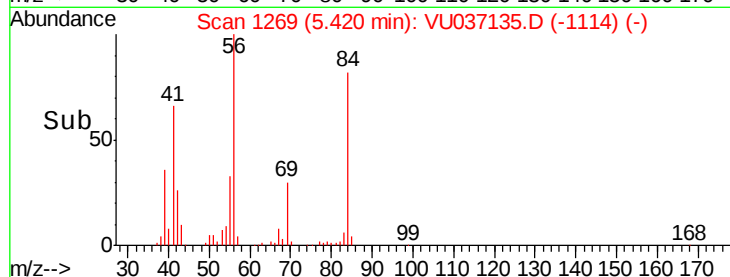
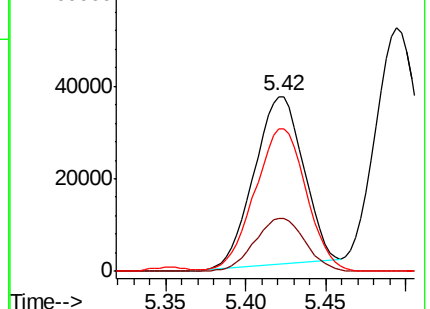
84 88.0 72.8 109.2



Abundance Ion 56.00 (55.70 to 56.70): VU037135.D (-1251) (-)

Ion 69.00 (68.70 to 69.70): VU037135.D (-1251) (-)

Ion 84.00 (83.70 to 84.70): VU037135.D (-1251) (-)



#20

Methylcyclohexane

Concen: 10.410 ug/l

RT: 6.79 min Scan# 1695

Delta R.T. -0.00 min

Lab File: VU037135.D

Acq: 09 Mar 2020 15:42

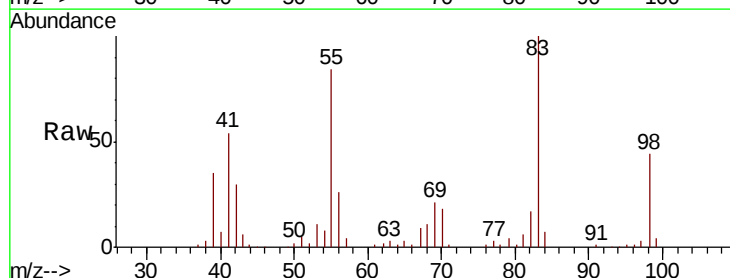
Tgt Ion: 83 Resp: 83927

Ion Ratio Lower Upper

83 100

55 84.8 56.6 85.0

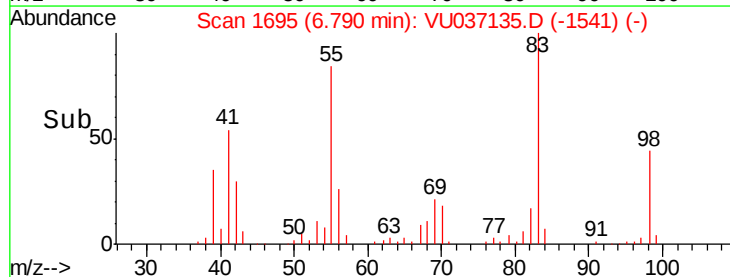
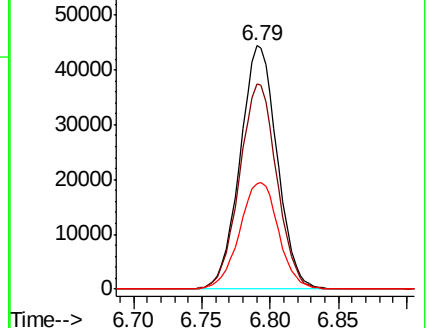
98 46.1 37.5 56.3

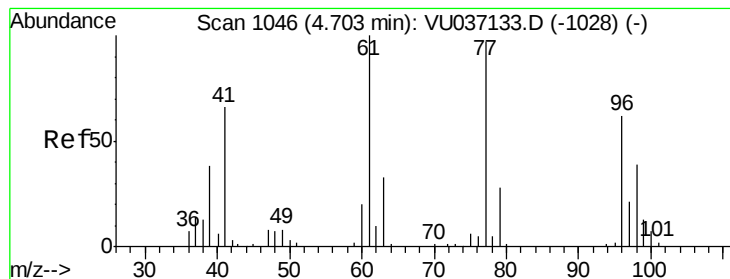


Abundance Ion 83.00 (82.70 to 83.70): VU037135.D (-1680) (-)

Ion 55.00 (54.70 to 55.70): VU037135.D (-1680) (-)

Ion 98.00 (97.70 to 98.70): VU037135.D (-1680) (-)





#21

2,2-Dichloropropane

Concen: 9.553 ug/l

RT: 4.71 min Scan# 1047

Delta R.T. 0.00 min

Lab File: VU037135.D

Acq: 09 Mar 2020 15:42

Instrument :

MSVOA_U

ClientSampleId :

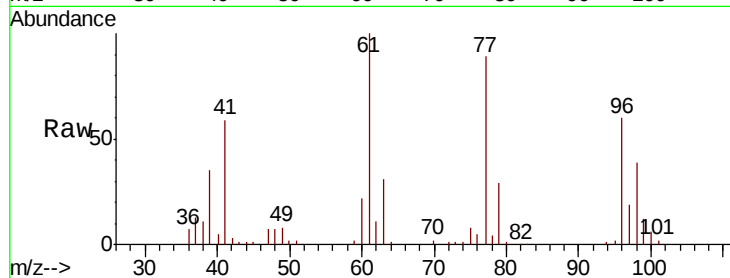
ICVVU030920

Tot Ion: 77 Resp: 83544

Ion Ratio Lower Upper

77 100

97 21.1 19.0 28.4



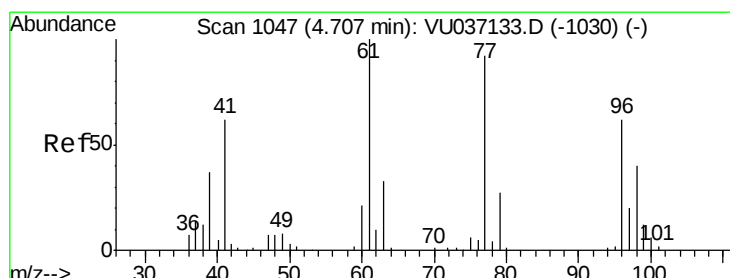
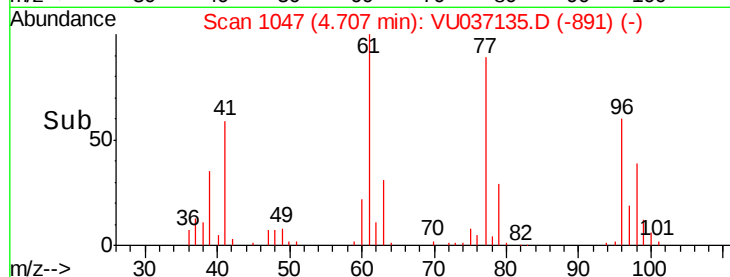
Abundance Ion 77.00 (76.70 to 77.70): VU037135.D (-1028) (-)

Ion 97.00 (96.70 to 97.70): VU037135.D (-1028) (-)

4.71

4.60 4.65 4.70 4.75 4.80

Time-->



#22

cis-1,2-Dichloroethene

Concen: 10.256 ug/l

RT: 4.71 min Scan# 1047

Delta R.T. -0.00 min

Lab File: VU037135.D

Acq: 09 Mar 2020 15:42

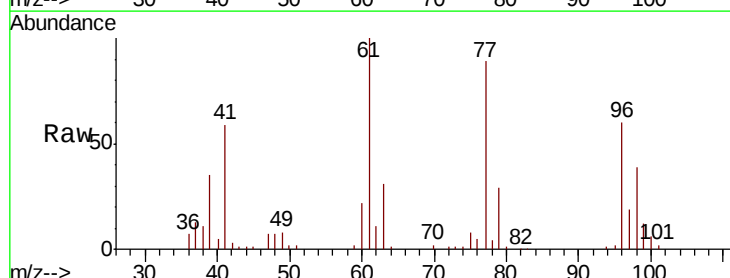
Tgt Ion: 96 Resp: 52518

Ion Ratio Lower Upper

96 100

61 167.2 0.0 342.0

98 63.5 32.0 96.0



Abundance Ion 96.00 (95.70 to 96.70): VU037135.D (-891) (-)

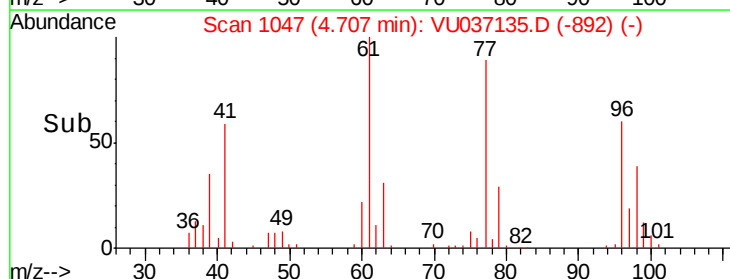
Ion 61.00 (60.70 to 61.70): VU037135.D (-891) (-)

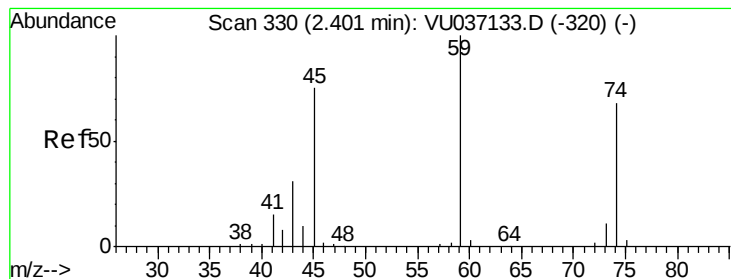
Ion 98.00 (97.70 to 98.70): VU037135.D (-891) (-)

4.71

4.60 4.65 4.70 4.75 4.80

Time-->





#23

Diethyl Ether

Concen: 9.159 ug/l

RT: 2.40 min Scan# 330

Delta R.T. -0.00 min

Lab File: VU037135.D

Acq: 09 Mar 2020 15:42

Instrument :

MSVOA_U

ClientSampleId :

ICVVU030920

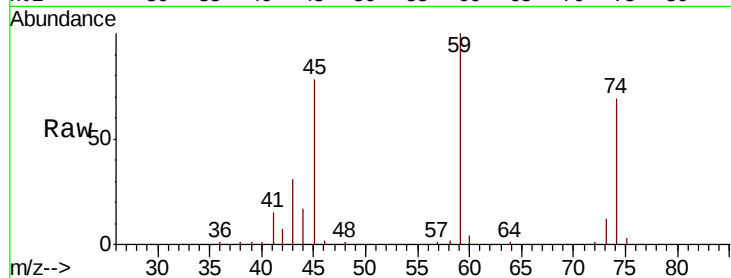
Tot Ion: 59 Resp: 30202

Ion Ratio Lower Upper

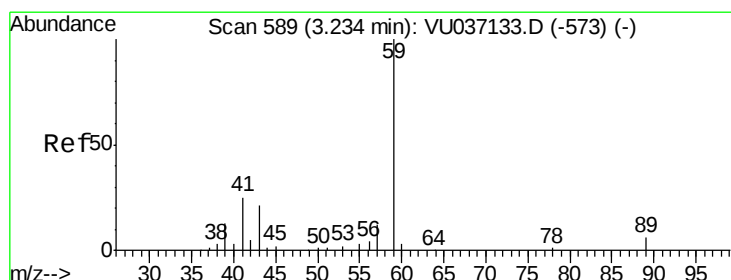
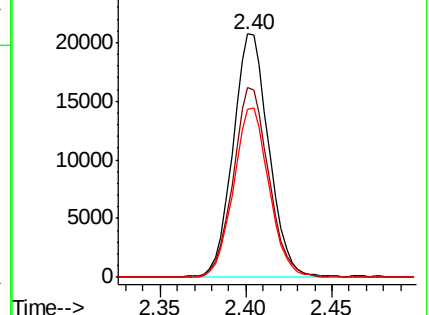
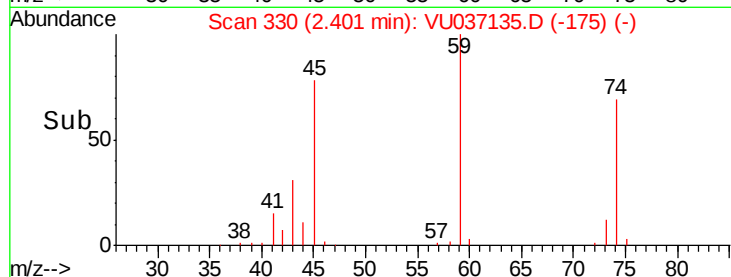
59 100

45 77.5 52.4 78.6

74 69.0 62.1 93.1



Abundance Ion 59.00 (58.70 to 59.70): VU037135.D (-175) (-)



#24

tert-Butyl Alcohol

Concen: 51.436 ug/l

RT: 3.23 min Scan# 589

Delta R.T. -0.00 min

Lab File: VU037135.D

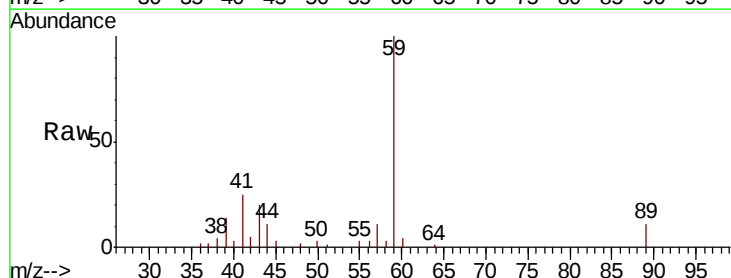
Acq: 09 Mar 2020 15:42

Tgt Ion: 59 Resp: 18545

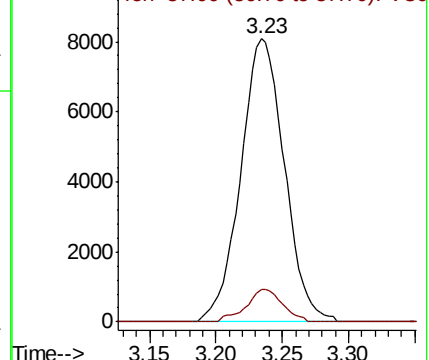
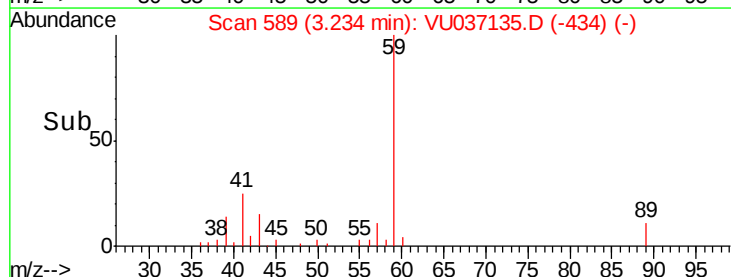
Ion Ratio Lower Upper

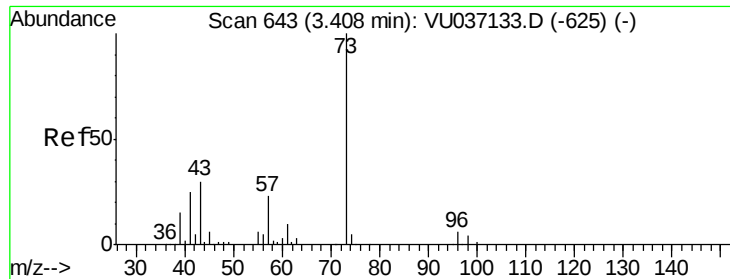
59 100

57 9.6 8.4 12.6



Abundance Ion 59.00 (58.70 to 59.70): VU037135.D (-434) (-)

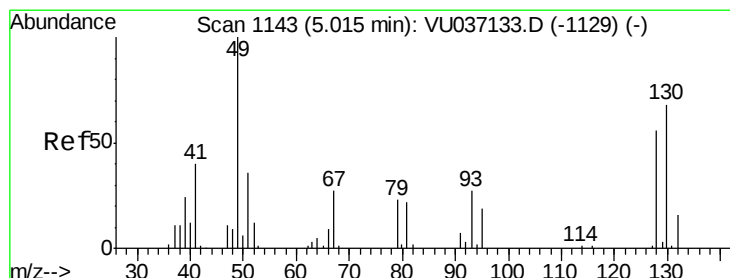
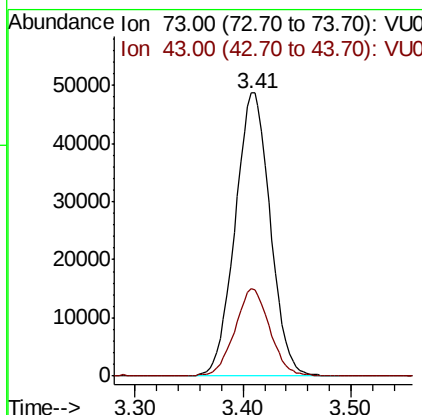
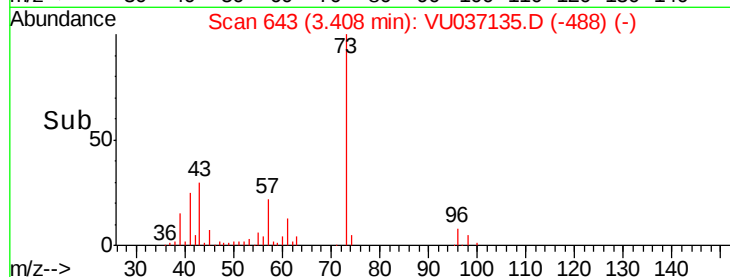
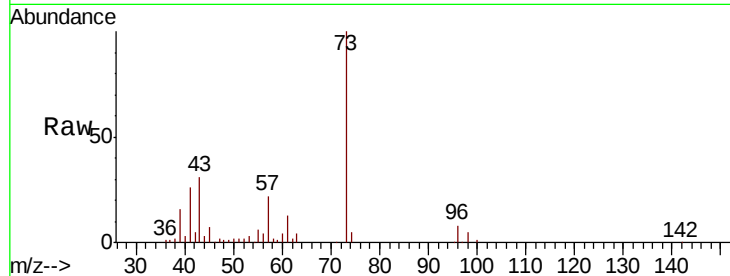




#25
Methvl tert-Butvl Ether
Concen: 9.671 ug/l
RT: 3.41 min Scan# 643
Delta R.T. -0.00 min
Lab File: VU037135.D
Acq: 09 Mar 2020 15:42

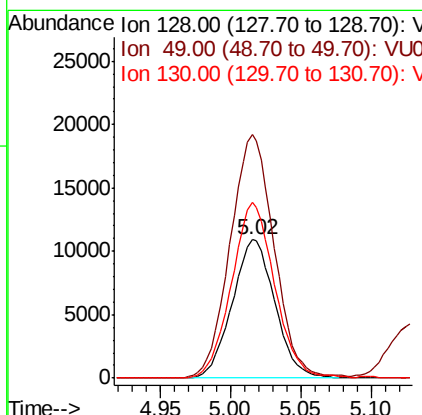
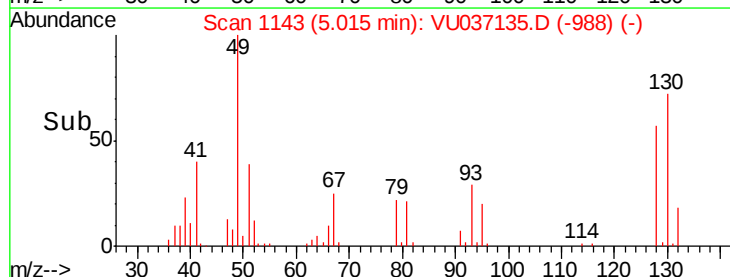
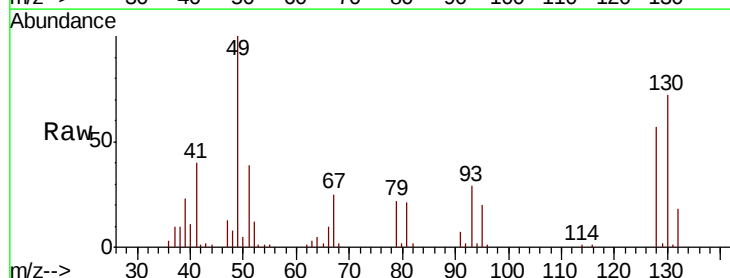
Instrument :
MSVOA_U
ClientSampleId :
ICVVU030920

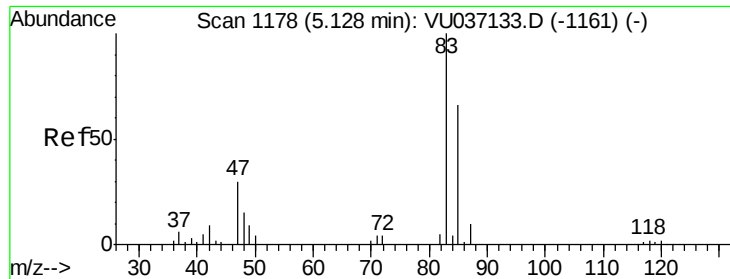
Tot Ion: 73 Resp: 110315
Ion Ratio Lower Upper
73 100
43 30.9 14.5 21.7#



#26
Bromochloromethane
Concen: 10.237 ug/l
RT: 5.02 min Scan# 1143
Delta R.T. -0.00 min
Lab File: VU037135.D
Acq: 09 Mar 2020 15:42

Tgt Ion:128 Resp: 23071
Ion Ratio Lower Upper
128 100
49 180.7 0.0 286.2
130 128.5 104.3 156.5

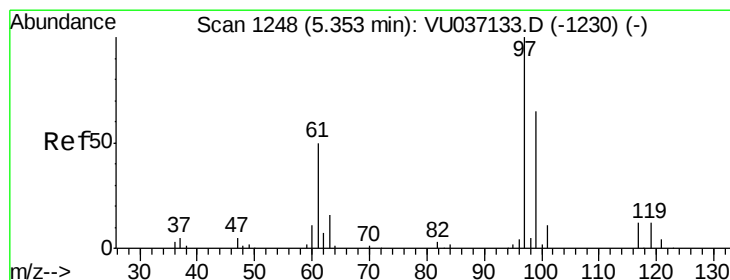
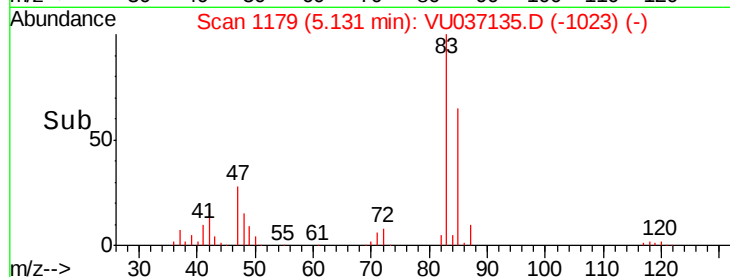
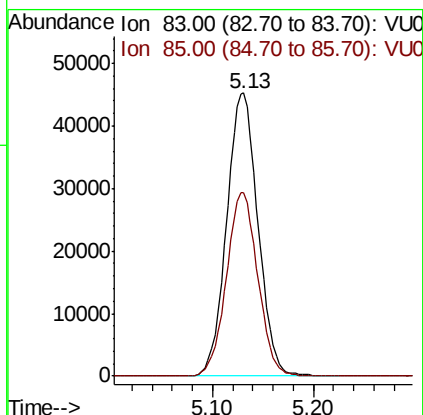
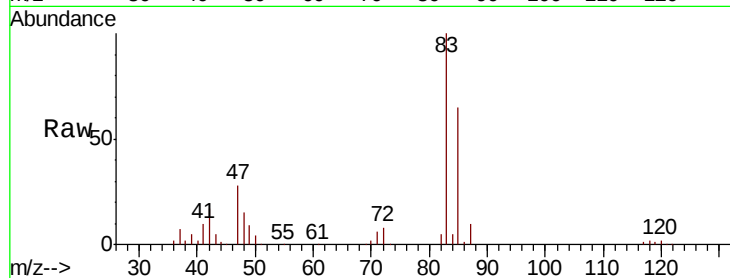




#27
Chloroform
Concen: 9.467 ug/l
RT: 5.13 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VU037135.D
Acq: 09 Mar 2020 15:42

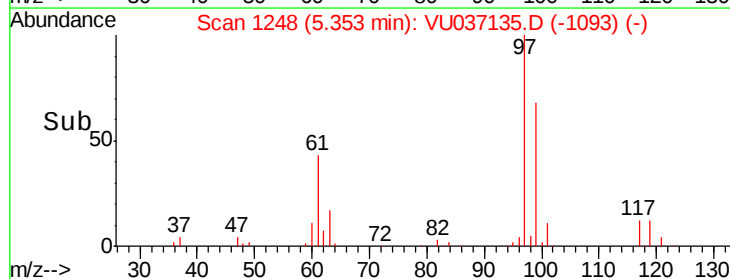
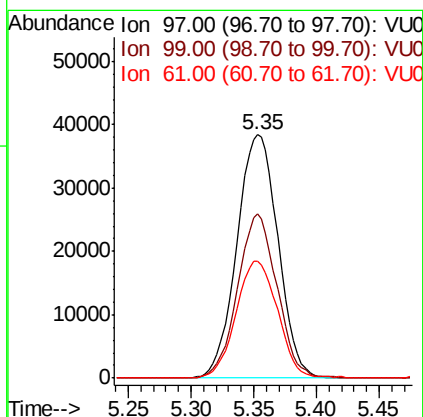
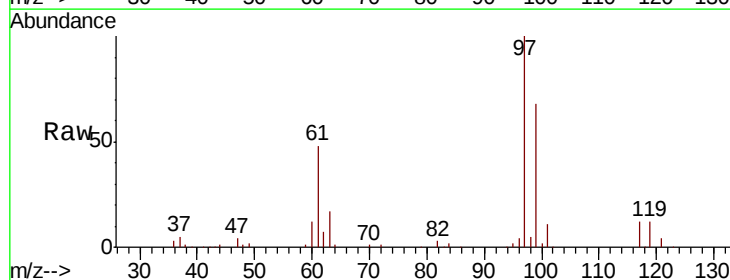
Instrument :
MSVOA_U
ClientSampleId :
ICVVU030920

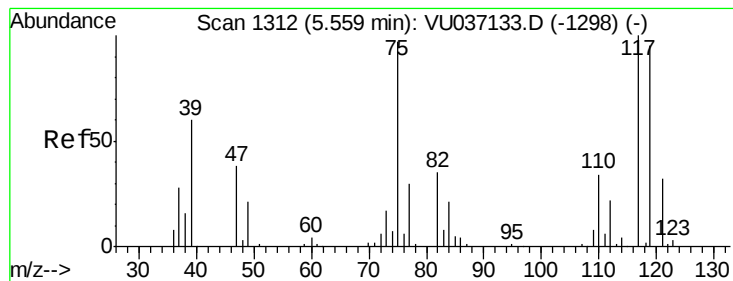
Tot Ion: 83 Resp: 97713
Ion Ratio Lower Upper
83 100
85 64.9 0.0 129.0



#28
1,1,1-Trichloroethane
Concen: 9.951 ug/l
RT: 5.35 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VU037135.D
Acq: 09 Mar 2020 15:42

Tgt Ion: 97 Resp: 87555
Ion Ratio Lower Upper
97 100
99 64.9 32.1 96.3
61 48.8 22.7 68.0





#29

1,1-Dichloropropene

Concen: 9.863 ug/l

RT: 5.56 min Scan# 1313

Delta R.T. 0.00 min

Lab File: VU037135.D

Acq: 09 Mar 2020 15:42

Instrument :

MSVOA_U

ClientSampleId :

ICVVU030920

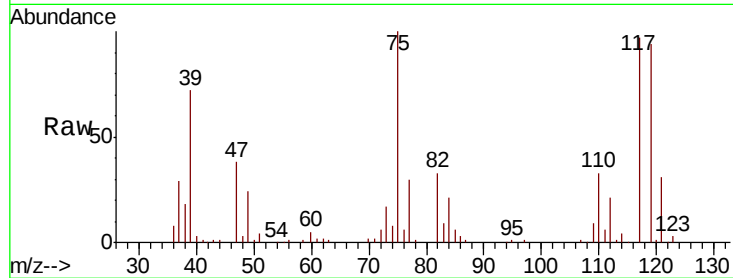
Tot Ion: 75 Resp: 70515

Ion Ratio Lower Upper

75 100

110 33.7 18.6 55.8

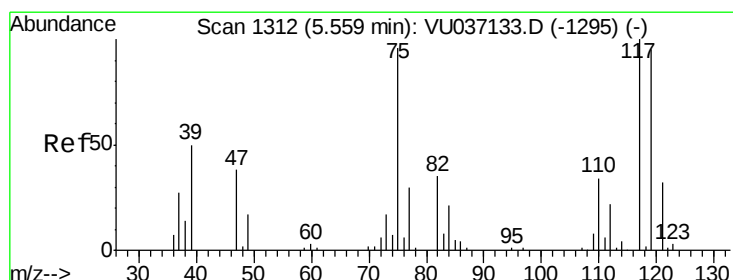
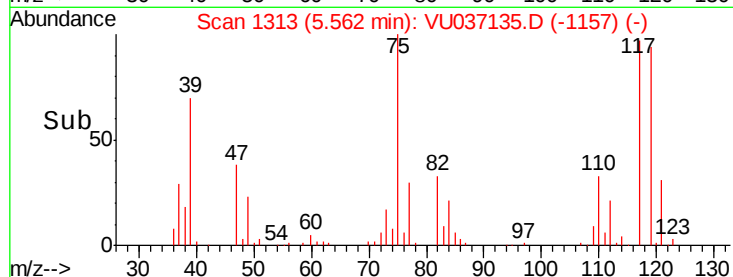
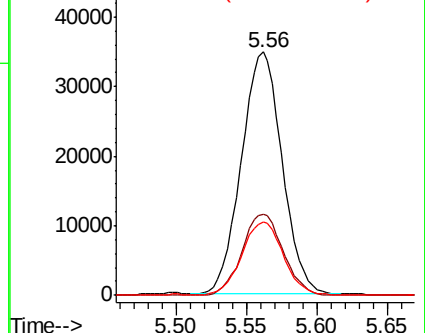
77 31.2 25.0 37.4



Abundance Ion 75.00 (74.70 to 75.70): VU037133.D (-1298) (-)

Ion 110.00 (109.70 to 110.70): VU037133.D (-1298) (-)

Ion 77.00 (76.70 to 77.70): VU037133.D (-1298) (-)



#30

Carbon Tetrachloride

Concen: 10.007 ug/l

RT: 5.56 min Scan# 1312

Delta R.T. -0.00 min

Lab File: VU037135.D

Acq: 09 Mar 2020 15:42

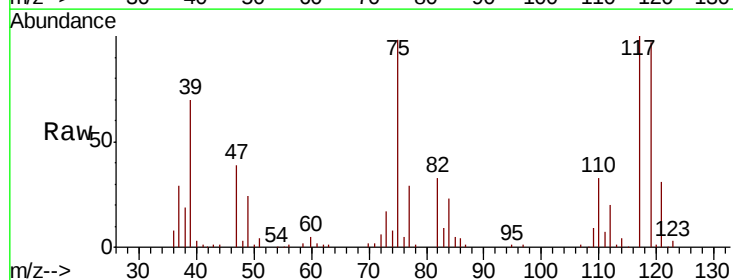
Tgt Ion: 117 Resp: 77045

Ion Ratio Lower Upper

117 100

119 96.7 77.0 115.6

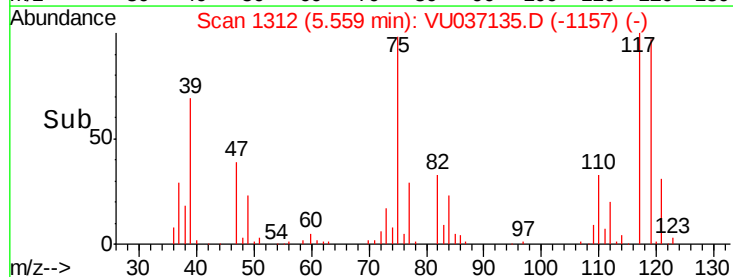
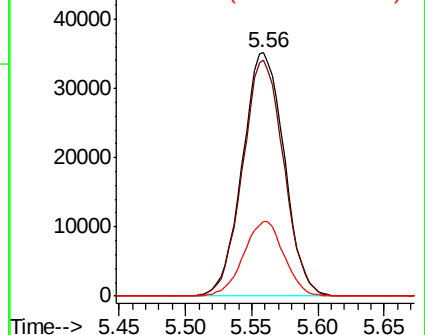
121 30.6 23.3 34.9

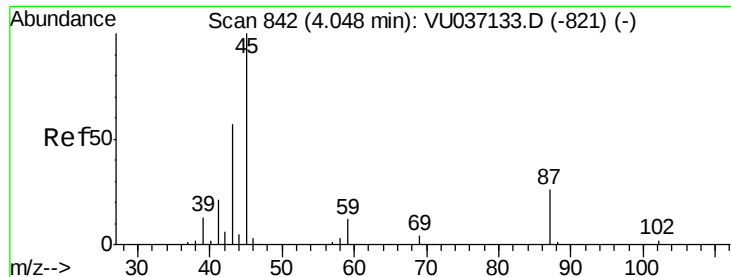


Abundance Ion 117.00 (116.70 to 117.70): VU037133.D (-1295) (-)

Ion 119.00 (118.70 to 119.70): VU037133.D (-1295) (-)

Ion 121.00 (120.70 to 121.70): VU037133.D (-1295) (-)



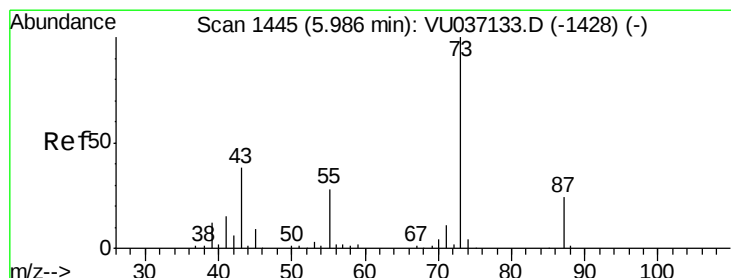
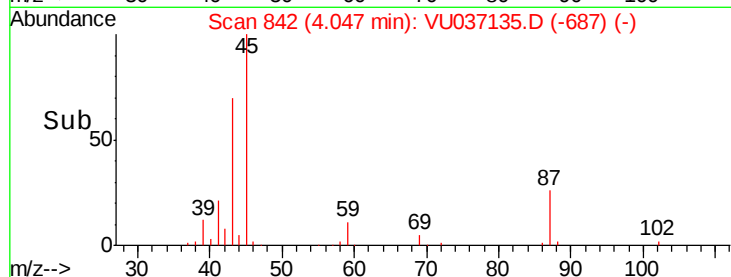
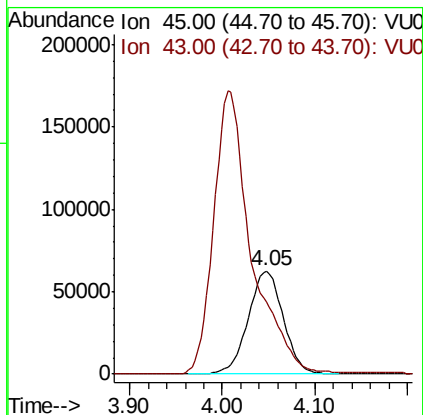
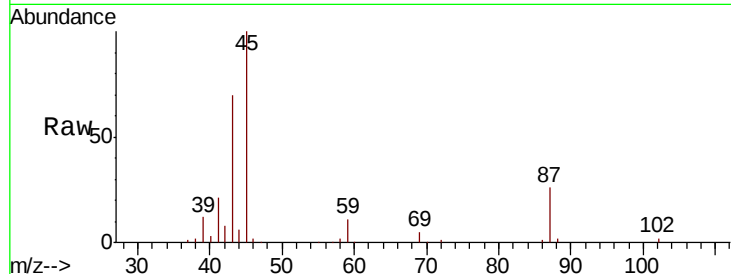


#31

Isopropyl Ether
 Concen: 10.734 ug/l
 RT: 4.05 min Scan# 842
 Delta R.T. -0.00 min
 Lab File: VU037135.D
 Acq: 09 Mar 2020 15:42

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU030920

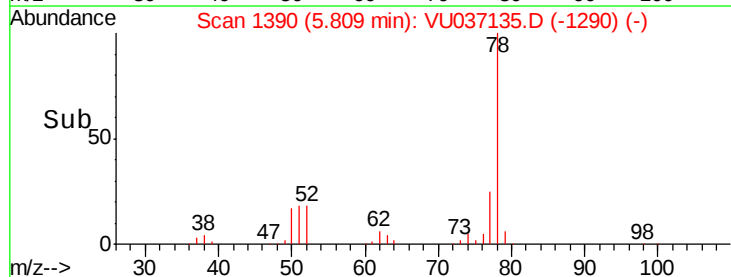
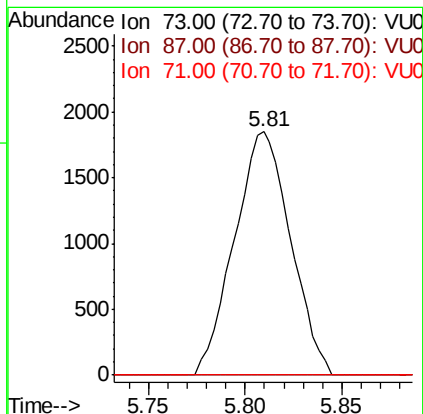
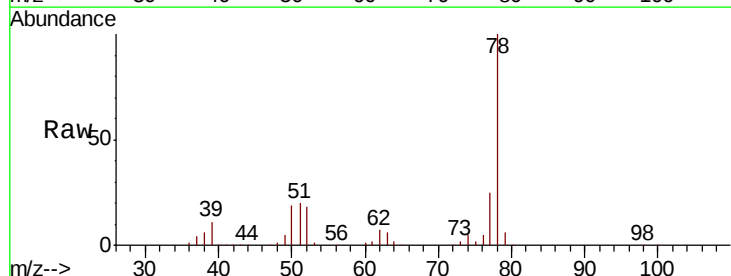
Tot Ion: 45 Resp: 164228
 Ion Ratio Lower Upper
 45 100
 43 296.5 24.0 72.0#

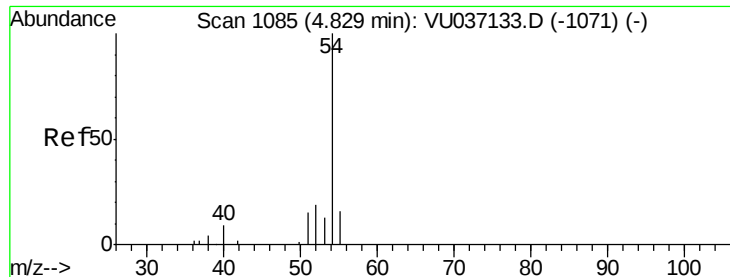


#33

Tert-Amyl methyl ether
 Concen: 0.301 ug/l
 RT: 5.81 min Scan# 1390
 Delta R.T. -0.18 min
 Lab File: VU037135.D
 Acq: 09 Mar 2020 15:42

Tgt Ion: 73 Resp: 3727
 Ion Ratio Lower Upper
 73 100
 87 212.9 19.8 29.6#
 71 0.0 9.1 13.7#





#34

Propionitrile

Concen: 99.253 ug/l

RT: 4.83 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VU037135.D

Acq: 09 Mar 2020 15:42

Instrument :

MSVOA_U

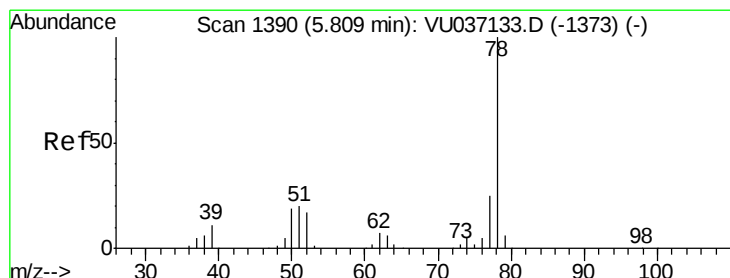
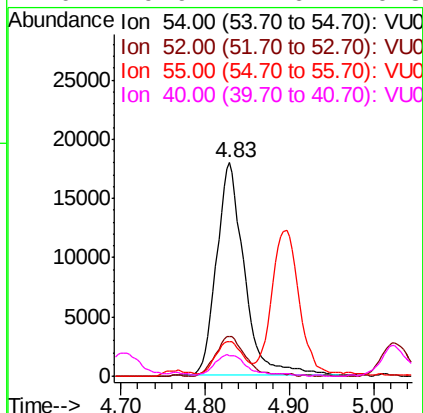
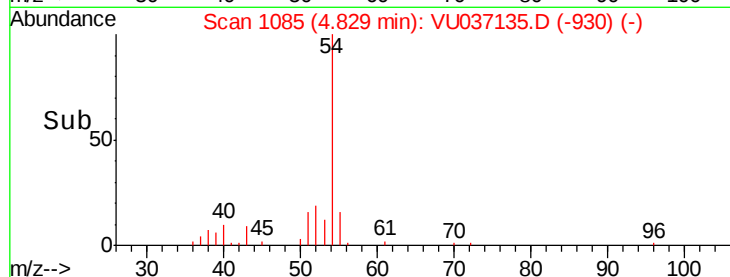
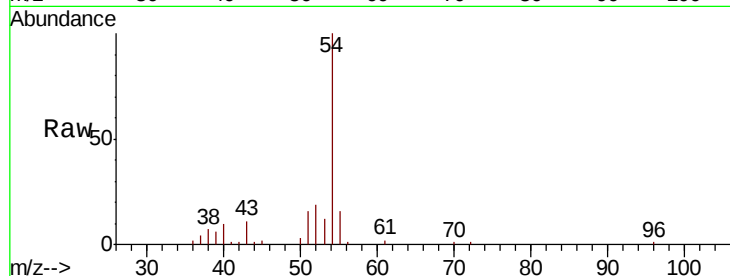
ClientSampleId :

ICVVU030920

Tot Ion: 54 Resp: 40837

Ion Ratio Lower Upper

54	100		
52	20.5	15.2	22.8
55	15.9	9.5	14.3#
40	9.9	4.6	6.8#



#35

Benzene

Concen: 9.888 ug/l

RT: 5.81 min Scan# 1390

Delta R.T. -0.00 min

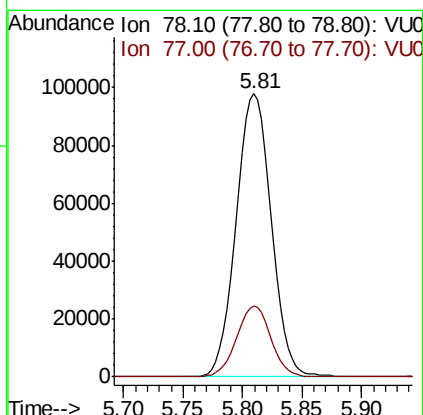
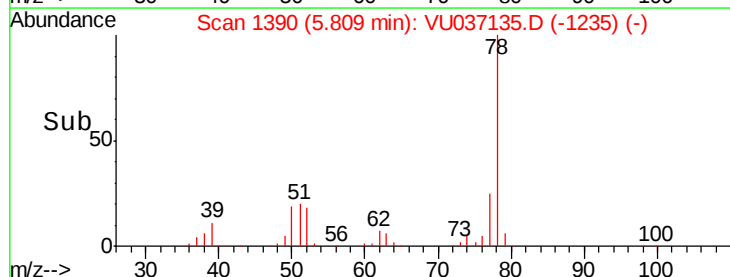
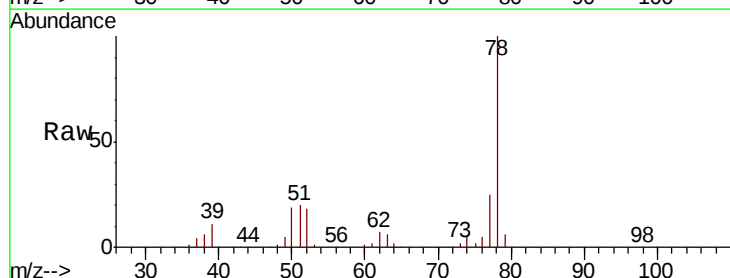
Lab File: VU037135.D

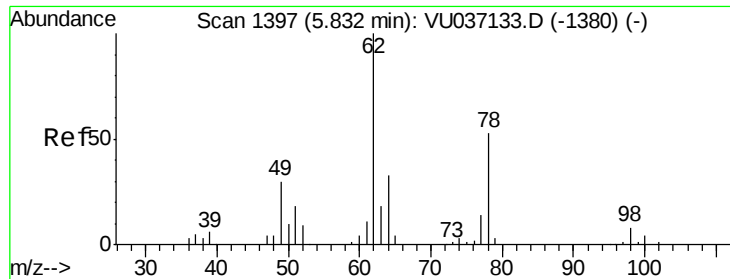
Acq: 09 Mar 2020 15:42

Tgt Ion: 78 Resp: 200832

Ion Ratio Lower Upper

78	100		
77	25.2	19.4	29.0

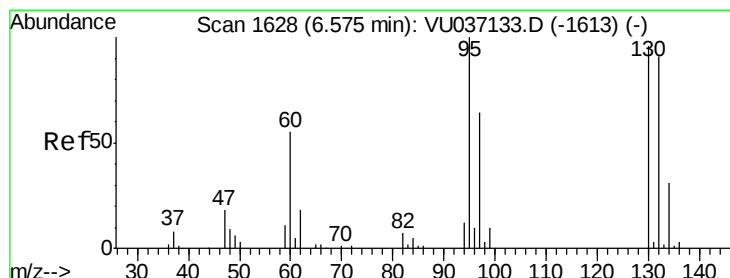
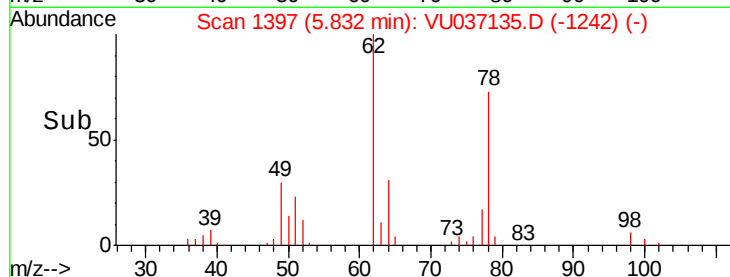
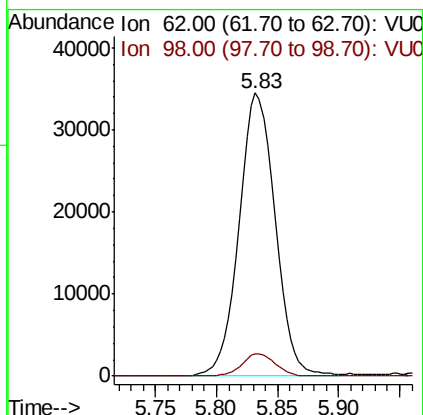
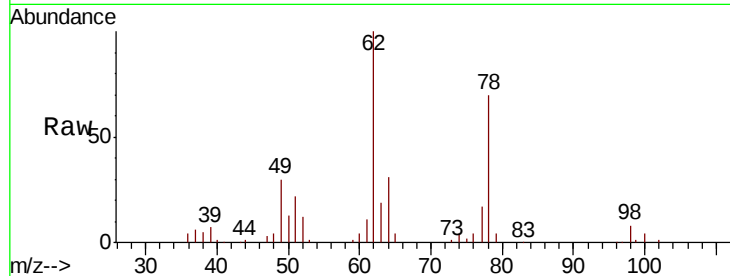




#36
 1,2-Dichloroethane
 Concen: 9.599 ug/l
 RT: 5.83 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: VU037135.D
 Acq: 09 Mar 2020 15:42

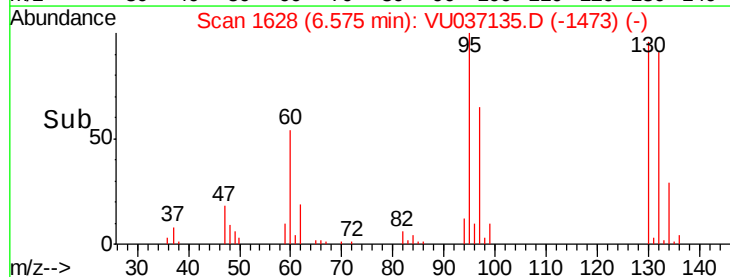
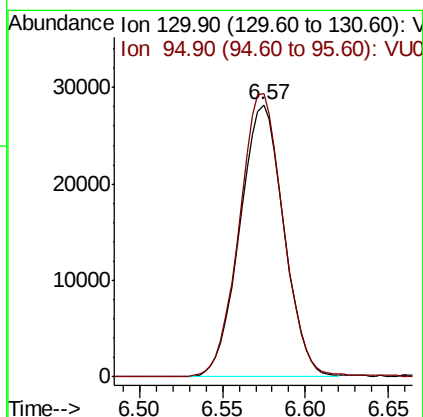
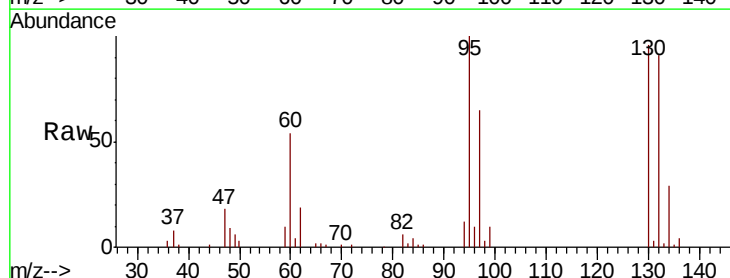
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU030920

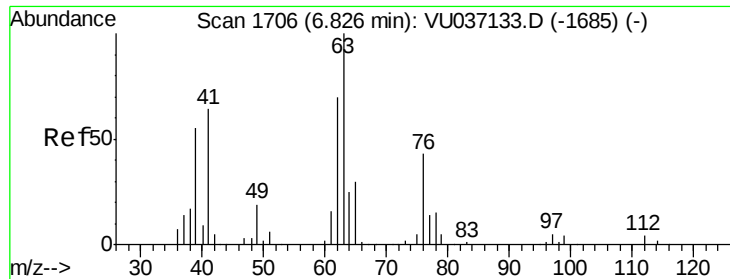
Tot Ion: 62 Resp: 70676
 Ion Ratio Lower Upper
 62 100
 98 7.2 7.8 11.8#



#37
 Trichloroethene
 Concen: 9.780 ug/l
 RT: 6.57 min Scan# 1628
 Delta R.T. -0.00 min
 Lab File: VU037135.D
 Acq: 09 Mar 2020 15:42

Tgt Ion:130 Resp: 52120
 Ion Ratio Lower Upper
 130 100
 95 104.1 77.0 115.4





#38

1,2-Dichloropropane

Concen: 9.725 ug/l

RT: 6.82 min Scan# 1705

Delta R.T. -0.00 min

Lab File: VU037135.D

Acq: 09 Mar 2020 15:42

Instrument :

MSVOA_U

ClientSampleId :

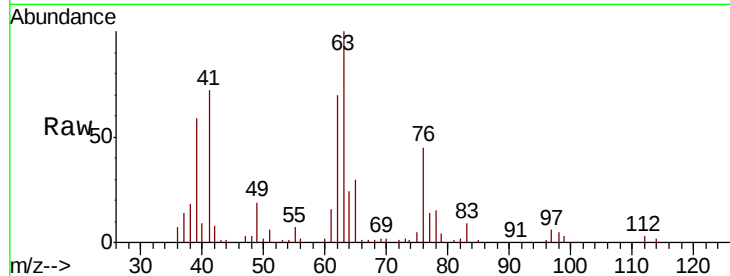
ICVVU030920

Tot Ion: 63 Resp: 54218

Ion Ratio Lower Upper

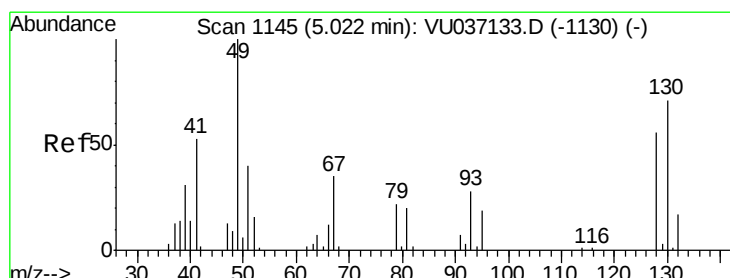
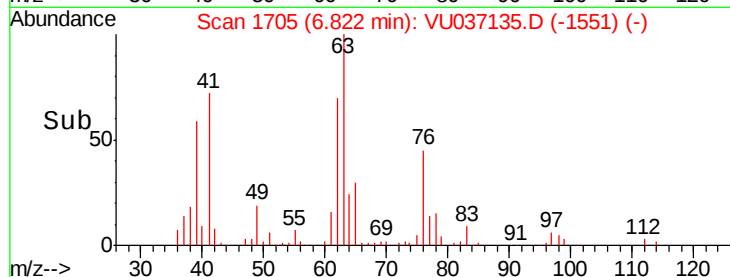
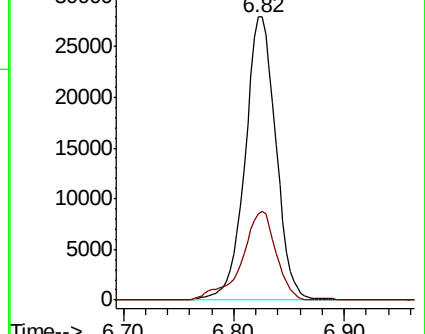
63 100

65 30.3 24.7 37.1



Abundance Ion 63.00 (62.70 to 63.70): VU0

Ion 65.00 (64.70 to 65.70): VU0



#39

Methacrylonitrile

Concen: 9.840 ug/l

RT: 5.02 min Scan# 1145

Delta R.T. -0.00 min

Lab File: VU037135.D

Acq: 09 Mar 2020 15:42

Tgt Ion: 41 Resp: 19534

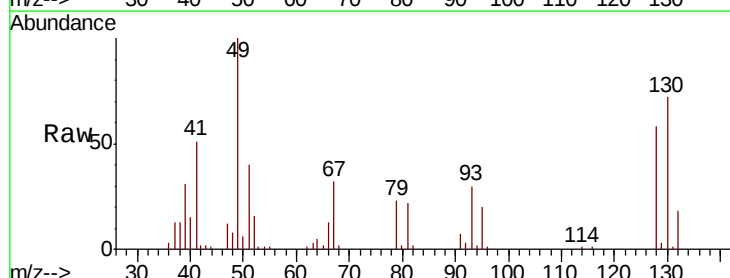
Ion Ratio Lower Upper

41 100

67 62.8 69.6 104.4#

39 59.9 41.6 62.4

52 33.6 25.9 38.9

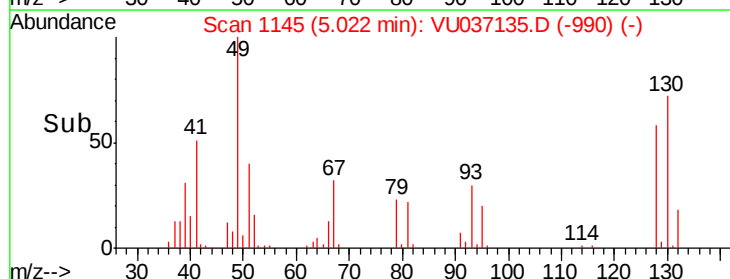
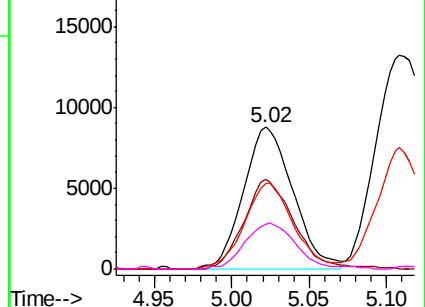


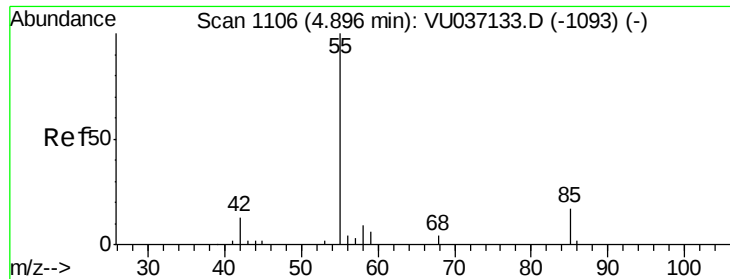
Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 67.00 (66.70 to 67.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

Ion 52.00 (51.70 to 52.70): VU0

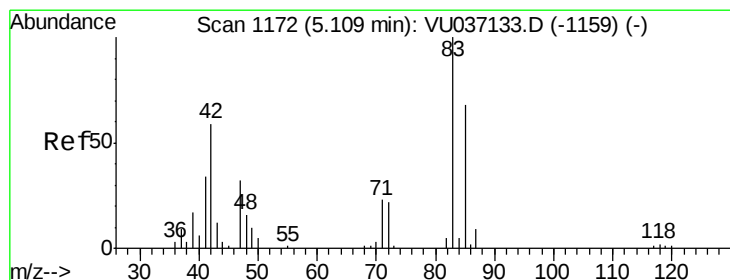
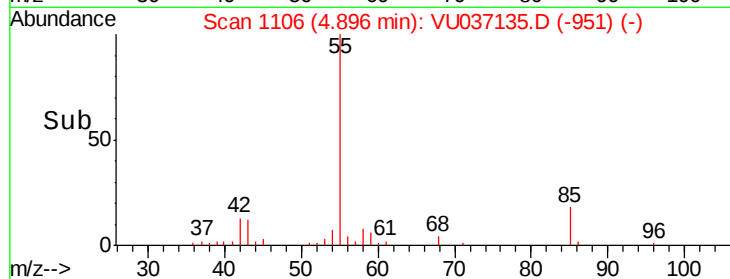
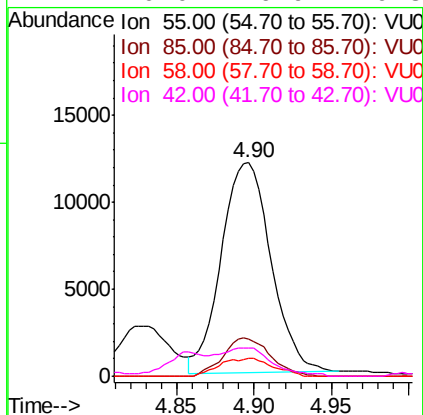
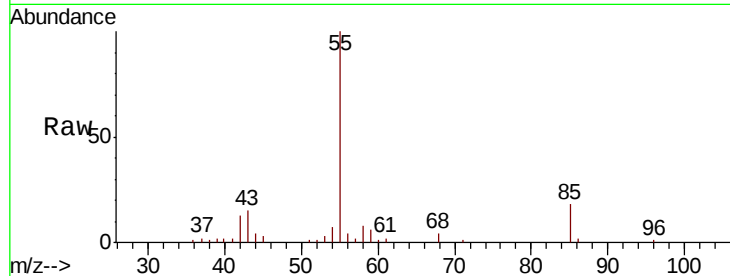




#40
Methyl acrylate
Concen: 9.855 ug/l
RT: 4.90 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VU037135.D
Acq: 09 Mar 2020 15:42

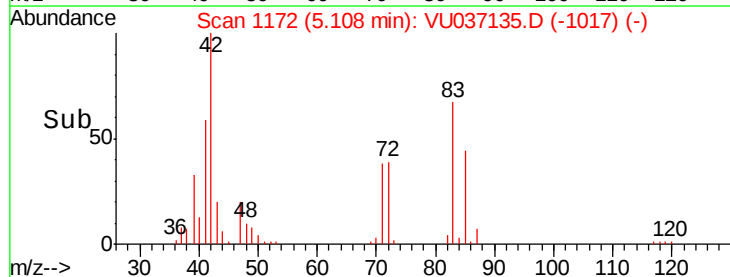
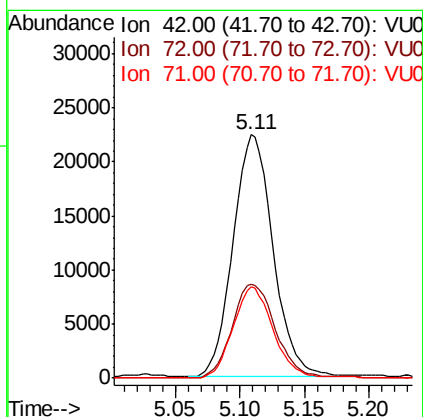
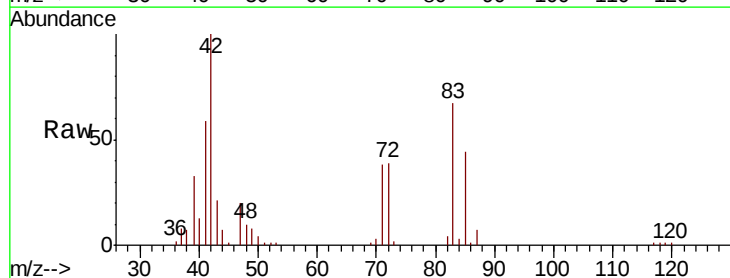
Instrument :
MSVOA_U
ClientSampleId :
ICVVU030920

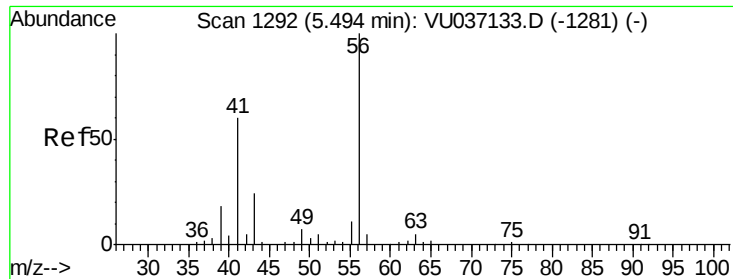
Tot Ion:	55	Resp:	27053
Ion	Ratio	Lower	Upper
55	100		
85	17.2	14.7	22.1
58	9.1	7.1	10.7
42	0.0	6.9	10.3#



#41
Tetrahydrofuran
Concen: 49.067 ug/l
RT: 5.11 min Scan# 1172
Delta R.T. -0.00 min
Lab File: VU037135.D
Acq: 09 Mar 2020 15:42

Tgt Ion:	42	Resp:	48596
Ion	Ratio	Lower	Upper
42	100		
72	41.3	42.5	63.7#
71	37.6	37.3	55.9

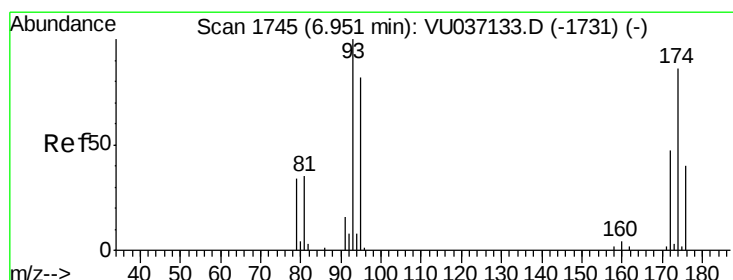
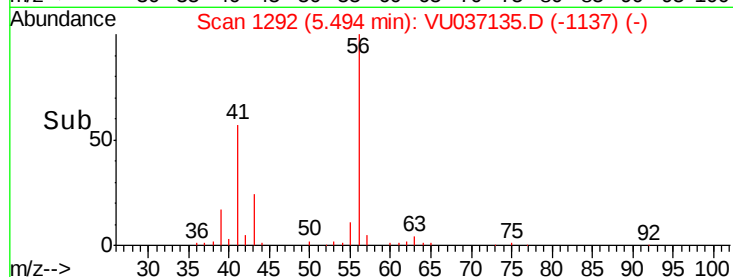
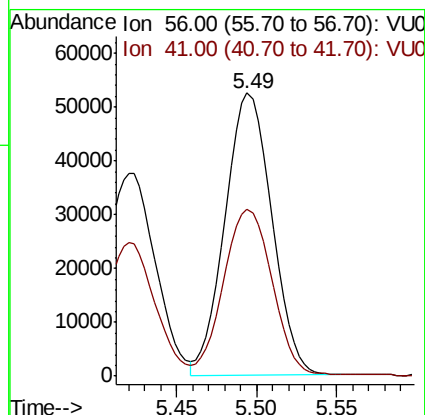
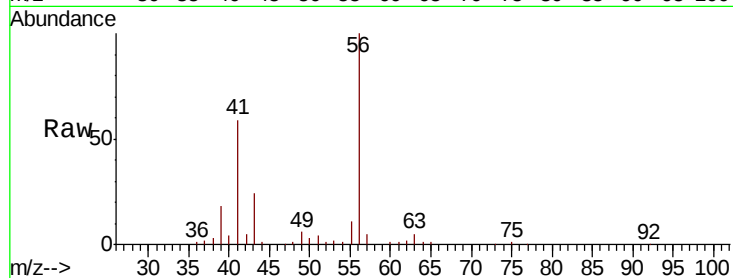




#42
1-Chlorobutane
Concen: 10.171 ug/l
RT: 5.49 min Scan# 1292
Delta R.T. -0.00 min
Lab File: VU037135.D
Acq: 09 Mar 2020 15:42

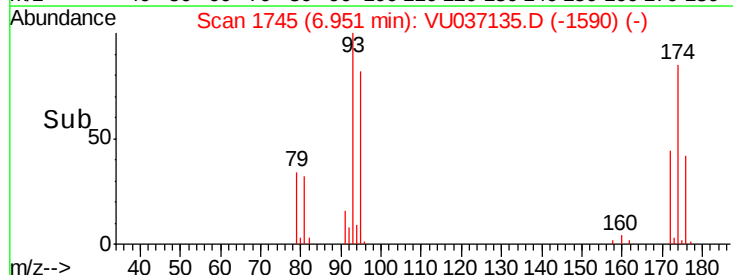
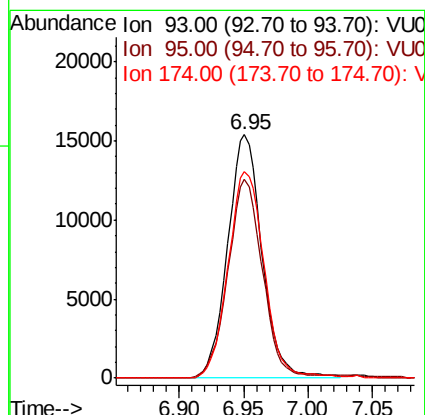
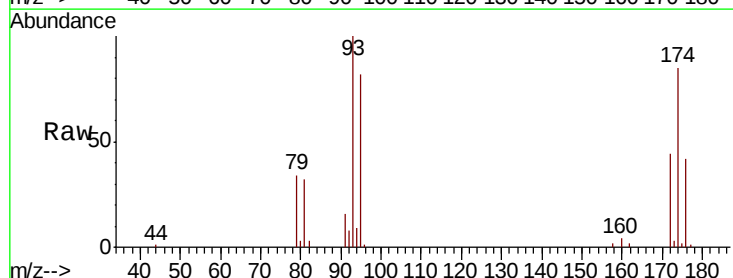
Instrument :
MSVOA_U
ClientSampleId :
ICVVU030920

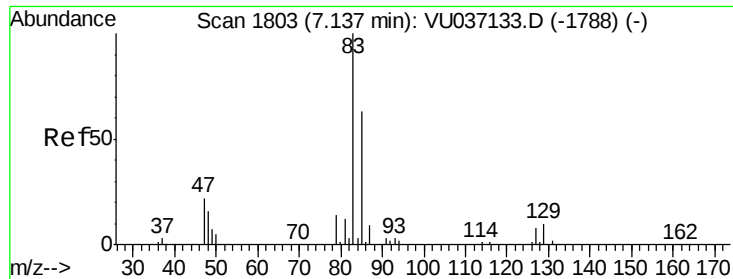
Tot Ion: 56 Resp: 104738
Ion Ratio Lower Upper
56 100
41 60.7 24.8 74.3



#43
Dibromomethane
Concen: 9.975 ug/l
RT: 6.95 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VU037135.D
Acq: 09 Mar 2020 15:42

Tgt Ion: 93 Resp: 28504
Ion Ratio Lower Upper
93 100
95 82.3 67.9 101.9
174 88.8 83.4 125.0





#44

Bromodichloromethane

Concen: 9.991 ug/l

RT: 7.14 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VU037135.D

Acq: 09 Mar 2020 15:42

Instrument :

MSVOA_U

ClientSampleId :

ICVVU030920

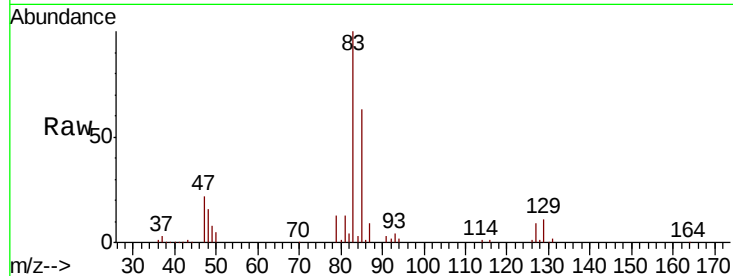
Tot Ion: 83 Resp: 74331

Ion Ratio Lower Upper

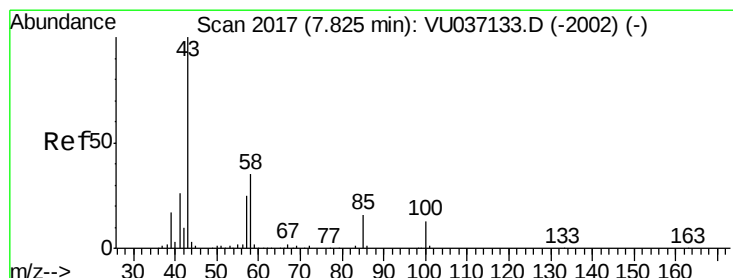
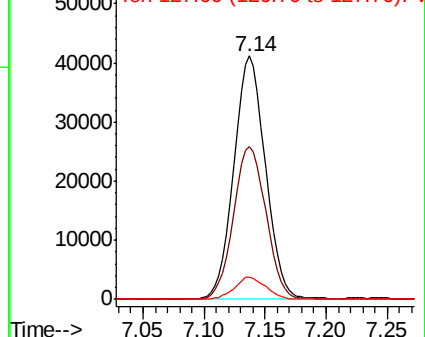
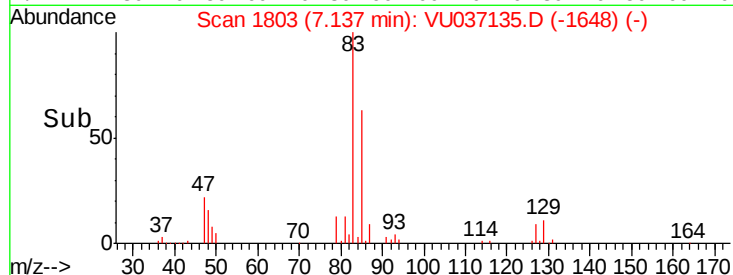
83 100

85 62.8 51.8 77.6

127 9.3 6.8 10.2



Abundance Ion 83.00 (82.70 to 83.70): VU037135.D (-1648) (-)



#45

4-Methyl-2-Pentanone

Concen: 48.636 ug/l

RT: 7.83 min Scan# 2017

Delta R.T. -0.00 min

Lab File: VU037135.D

Acq: 09 Mar 2020 15:42

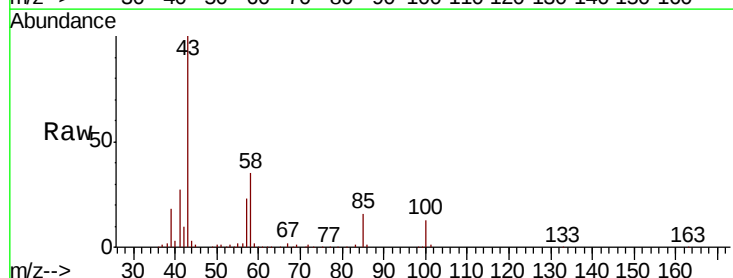
Tgt Ion: 43 Resp: 186374

Ion Ratio Lower Upper

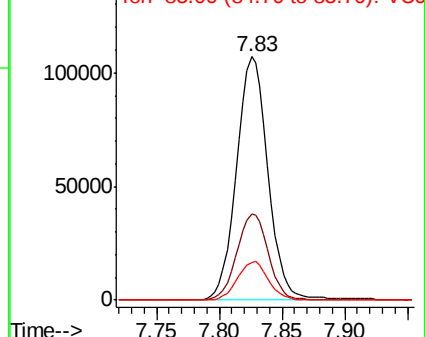
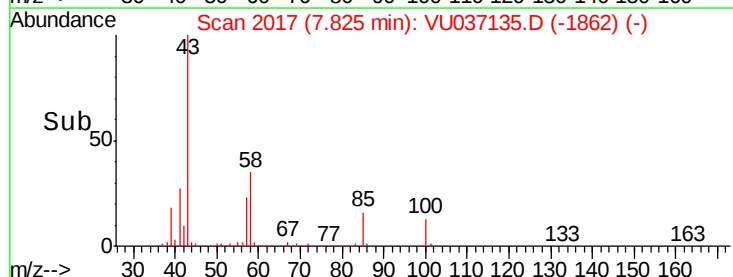
43 100

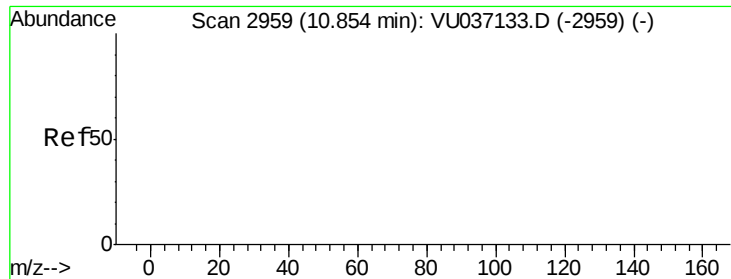
58 35.5 22.1 66.1

85 15.6 17.4 26.0#



Abundance Ion 43.00 (42.70 to 43.70): VU037135.D (-1862) (-)

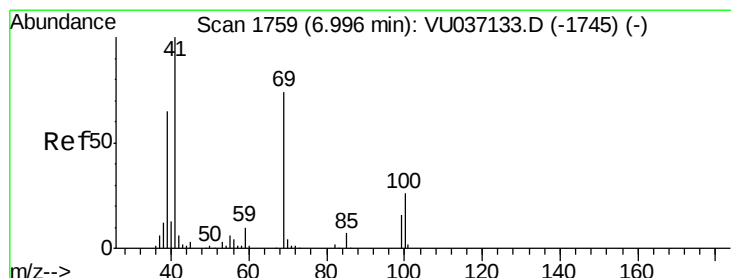
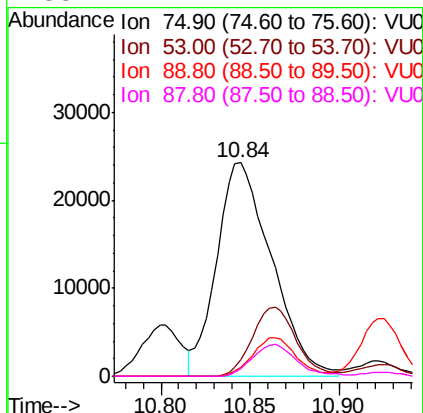
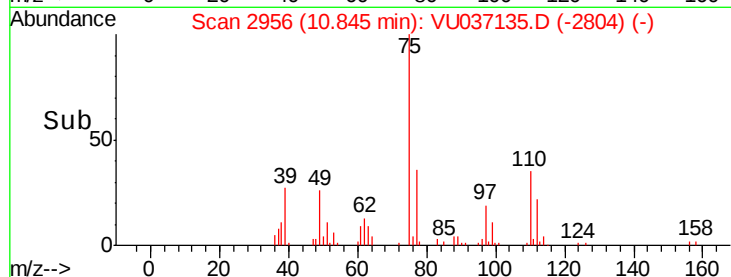
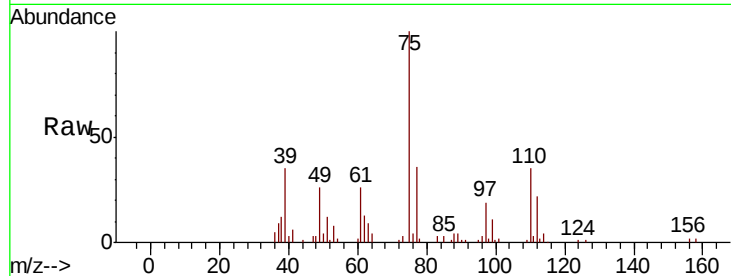




#46
t-1,4-Dichloro-2-butene
Concen: 49.559 ug/l
RT: 10.84 min Scan# 2956
Delta R.T. -0.01 min
Lab File: VU037135.D
Acq: 09 Mar 2020 15:42

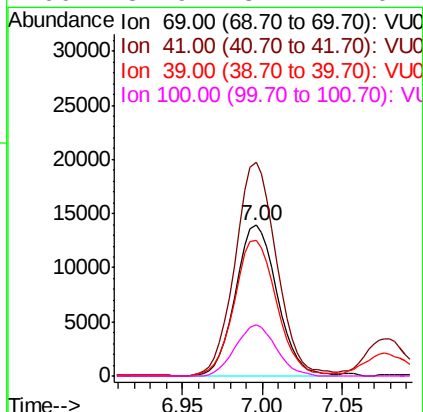
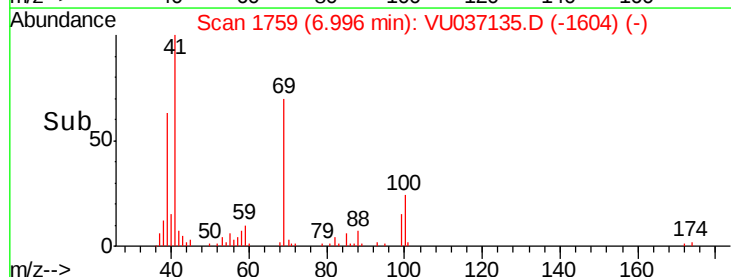
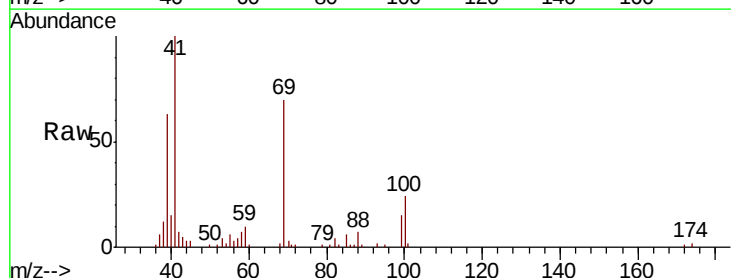
Instrument :
MSVOA_U
ClientSampleId :
ICVVU030920

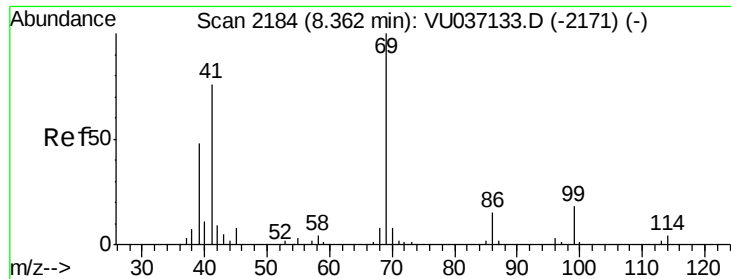
Tot Ion:	75	Resp:	51980
Ion	Ratio	Lower	Upper
75	100		
53	26.1	52.2	78.2#
89	14.3	39.8	59.6#
88	12.2	27.4	41.2#



#47
Methyl methacrylate
Concen: 10.478 ug/l
RT: 7.00 min Scan# 1759
Delta R.T. -0.00 min
Lab File: VU037135.D
Acq: 09 Mar 2020 15:42

Tgt Ion:	69	Resp:	24747
Ion	Ratio	Lower	Upper
69	100		
41	141.5	0.0	200.8
39	91.3	43.5	65.3#
100	32.9	31.1	46.7

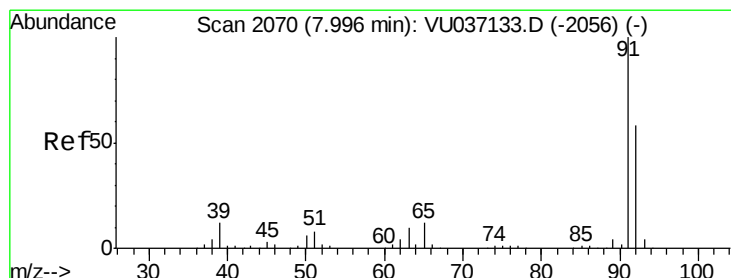
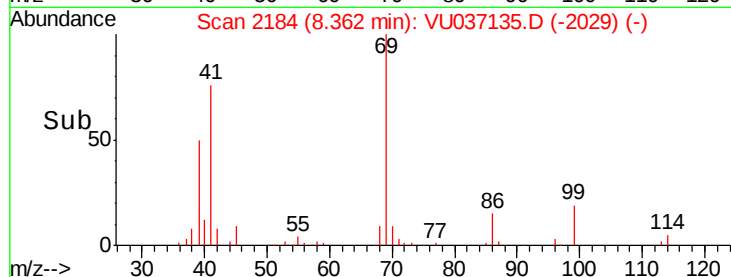
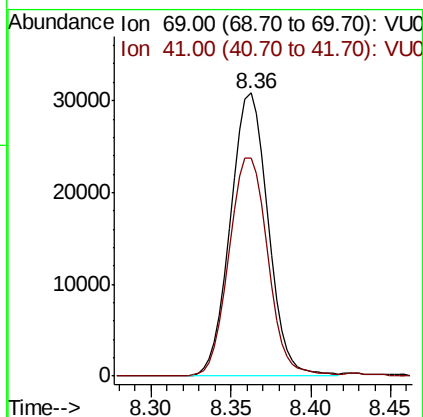
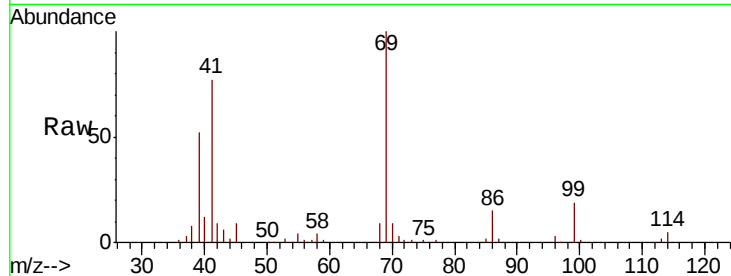




#48
Ethyl methacrylate
Concen: 10.630 ug/l
RT: 8.36 min Scan# 2184
Delta R.T. -0.00 min
Lab File: VU037135.D
Acq: 09 Mar 2020 15:42

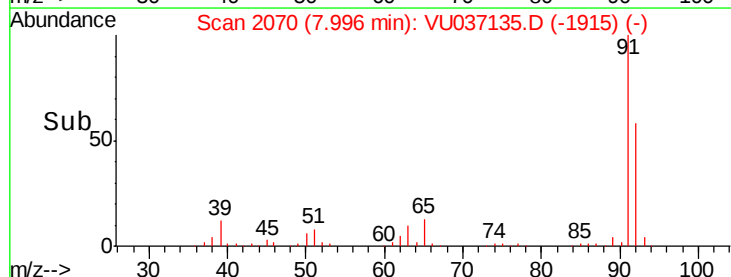
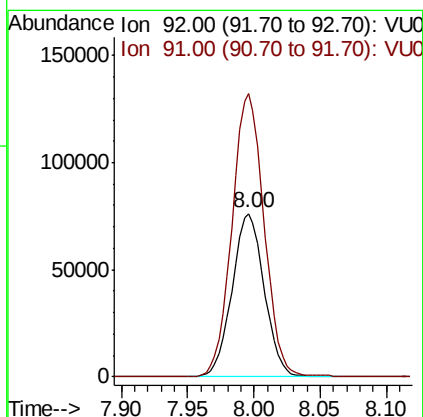
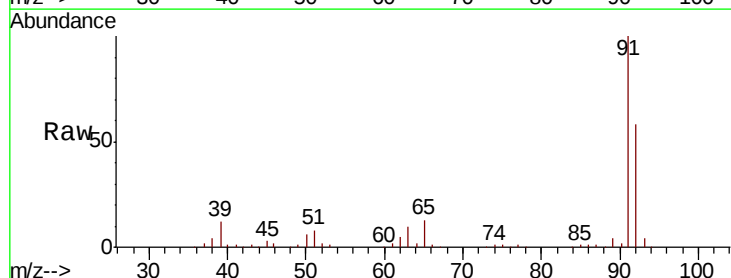
Instrument :
MSVOA_U
ClientSampleId :
ICVVU030920

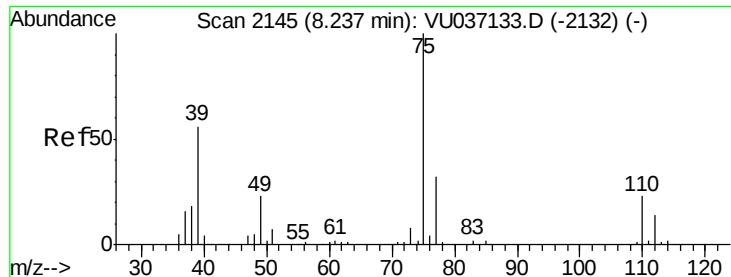
Tot Ion: 69 Resp: 49600
Ion Ratio Lower Upper
69 100
41 79.6 27.9 83.6



#49
Toluene
Concen: 10.468 ug/l
RT: 8.00 min Scan# 2070
Delta R.T. -0.00 min
Lab File: VU037135.D
Acq: 09 Mar 2020 15:42

Tgt Ion: 92 Resp: 128394
Ion Ratio Lower Upper
92 100
91 173.4 139.1 208.7





#50

t-1,3-Dichloropropene

Concen: 10.645 ug/l

RT: 8.24 min Scan# 2145

Delta R.T. -0.00 min

Lab File: VU037135.D

Acq: 09 Mar 2020 15:42

Instrument :

MSVOA_U

ClientSampleId :

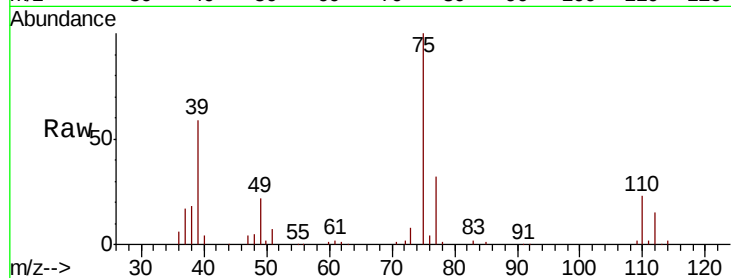
ICVVU030920

Tot Ion: 75 Resp: 71342

Ion Ratio Lower Upper

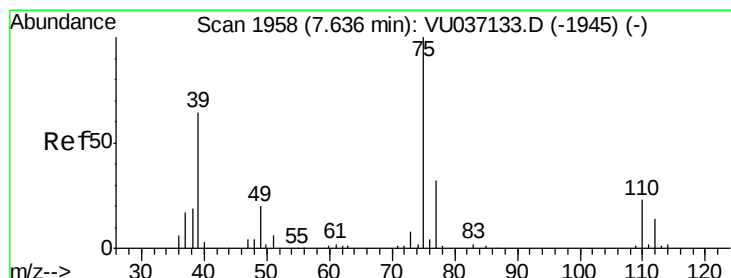
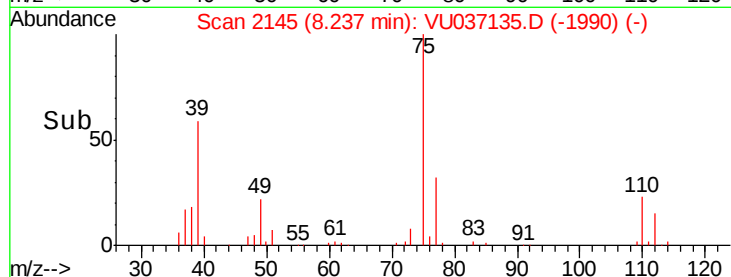
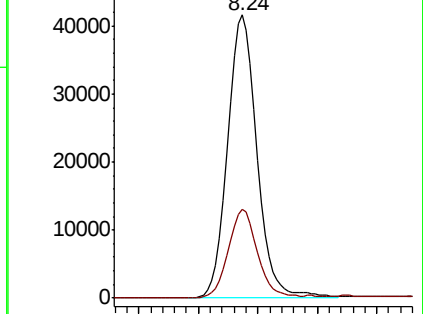
75 100

77 31.6 25.4 38.2



Abundance Ion 75.00 (74.70 to 75.70): VU037135.D (-1990) (-)

Ion 77.00 (76.70 to 77.70): VU037135.D (-1990) (-)



#51

cis-1,3-Dichloropropene

Concen: 10.448 ug/l

RT: 7.64 min Scan# 1958

Delta R.T. -0.00 min

Lab File: VU037135.D

Acq: 09 Mar 2020 15:42

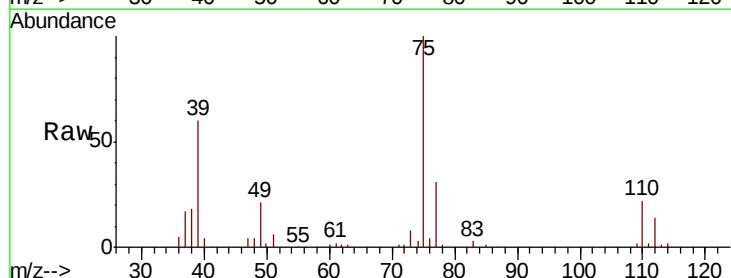
Tgt Ion: 75 Resp: 79976

Ion Ratio Lower Upper

75 100

77 31.4 25.3 37.9

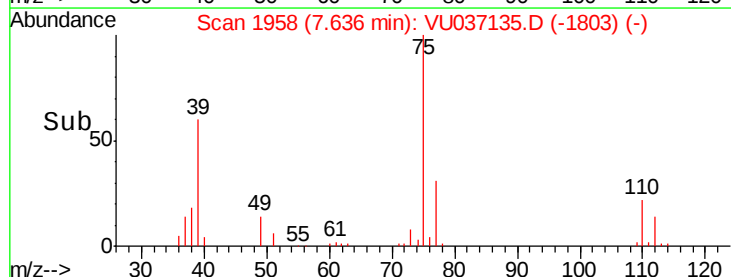
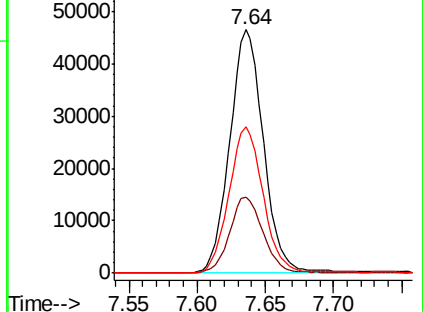
39 60.1 31.8 47.6#

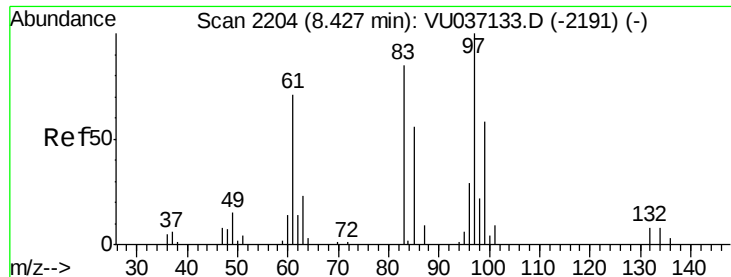


Abundance Ion 75.00 (74.70 to 75.70): VU037135.D (-1803) (-)

Ion 77.00 (76.70 to 77.70): VU037135.D (-1803) (-)

Ion 39.00 (38.70 to 39.70): VU037135.D (-1803) (-)

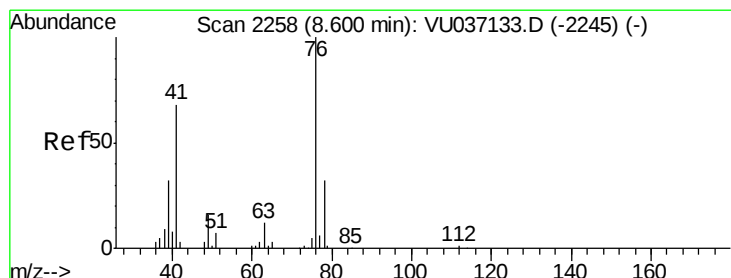
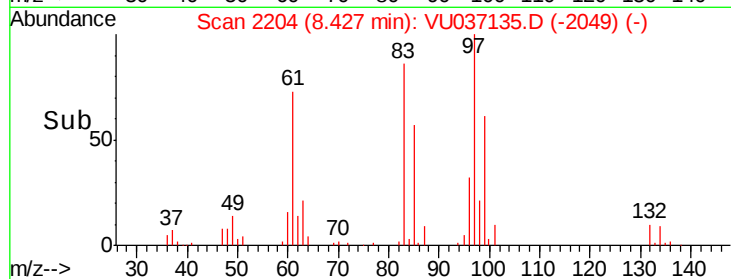
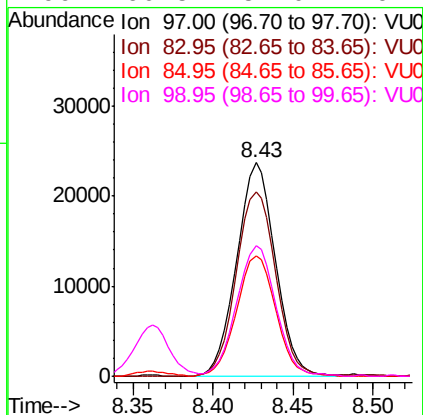
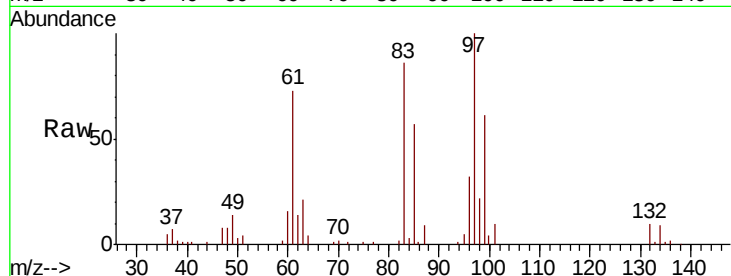




#52
 1,1,2-Trichloroethane
 Concen: 10.231 ug/l
 RT: 8.43 min Scan# 2204
 Delta R.T. -0.00 min
 Lab File: VU037135.D
 Acq: 09 Mar 2020 15:42

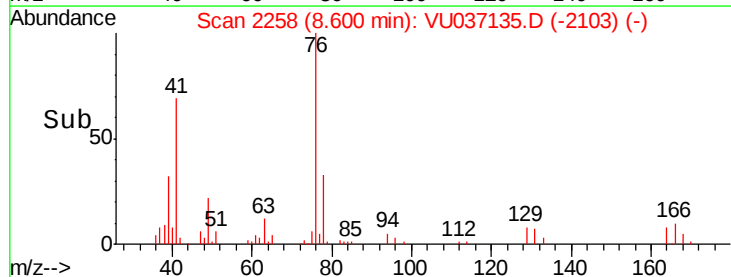
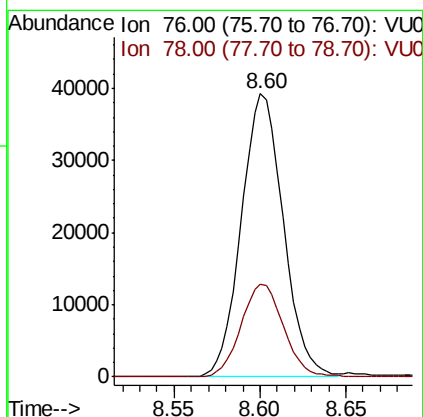
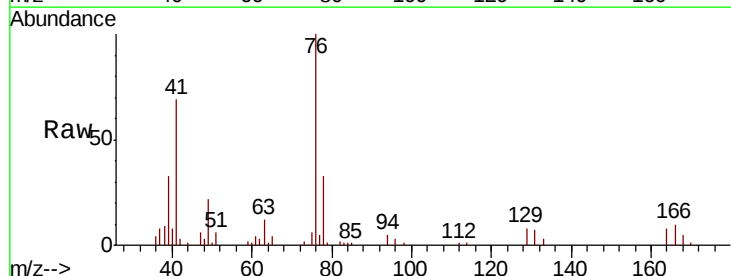
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU030920

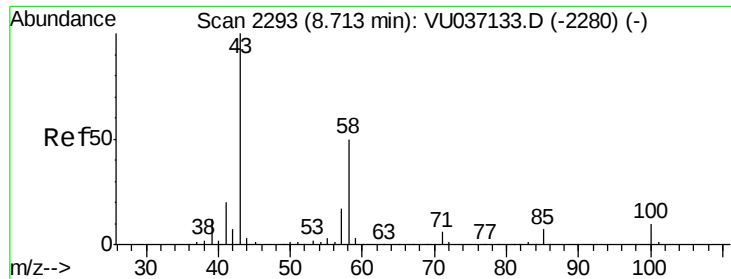
Tot Ion:	97	Resp:	39004
Ion	Ratio	Lower	Upper
97	100		
83	86.1	70.9	106.3
85	56.5	45.6	68.4
99	60.5	51.0	76.4



#53
 1,3-Dichloropropane
 Concen: 9.856 ug/l
 RT: 8.60 min Scan# 2258
 Delta R.T. -0.00 min
 Lab File: VU037135.D
 Acq: 09 Mar 2020 15:42

Tgt Ion:	76	Resp:	66644
Ion	Ratio	Lower	Upper
76	100		
78	33.0	25.4	38.2

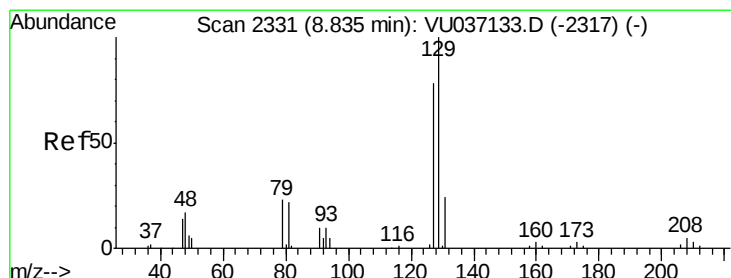
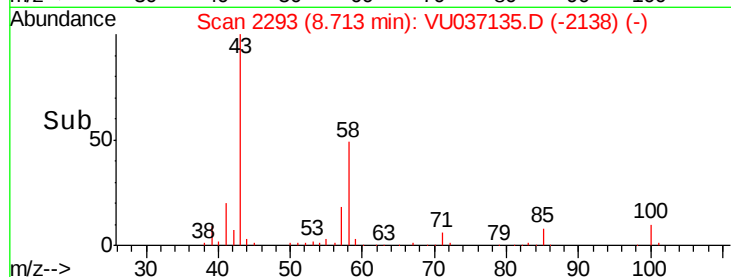
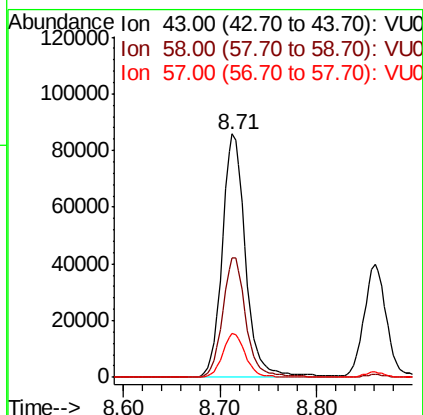
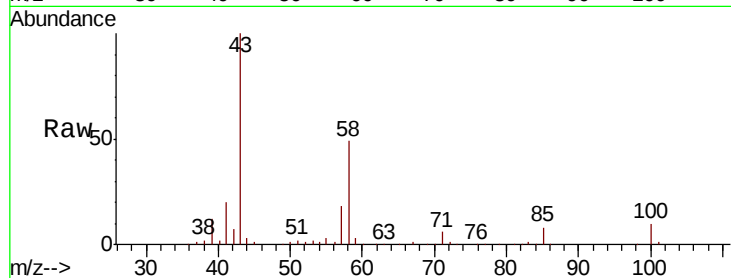




#54
2-Hexanone
Concen: 54.680 ug/l
RT: 8.71 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VU037135.D
Acq: 09 Mar 2020 15:42

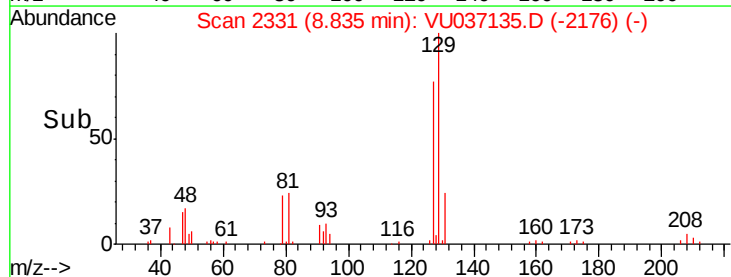
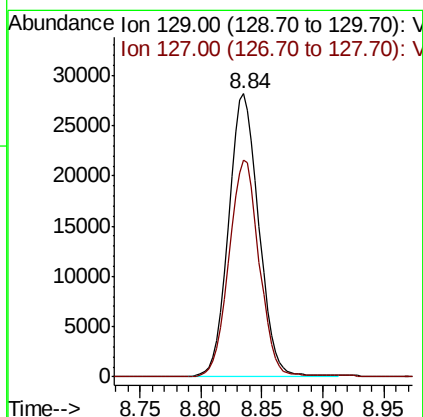
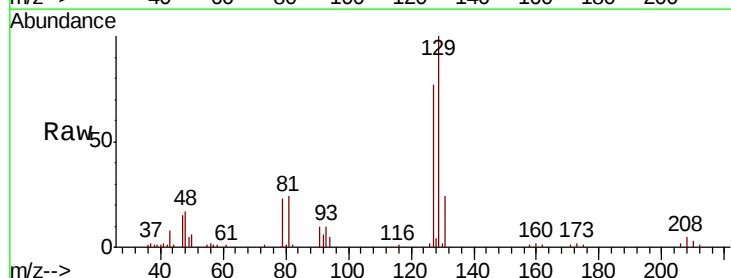
Instrument :
MSVOA_U
ClientSampleId :
ICVVU030920

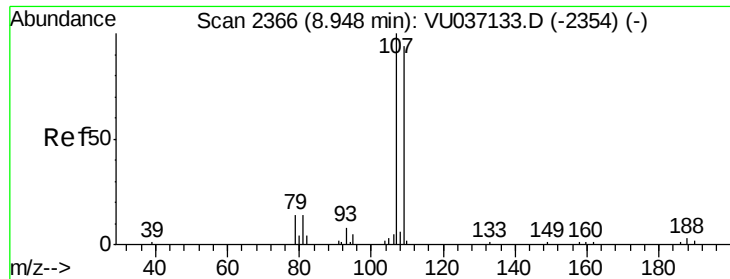
Tot Ion: 43 Resp: 144348
Ion Ratio Lower Upper
43 100
58 48.8 40.6 80.6
57 17.7 1.2 41.2



#55
Dibromochloromethane
Concen: 10.335 ug/l
RT: 8.84 min Scan# 2331
Delta R.T. -0.00 min
Lab File: VU037135.D
Acq: 09 Mar 2020 15:42

Tgt Ion: 129 Resp: 48772
Ion Ratio Lower Upper
129 100
127 76.4 62.6 94.0

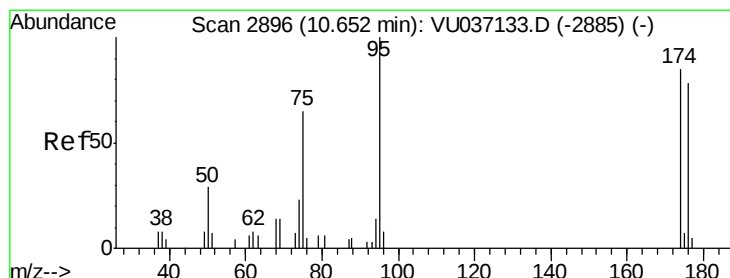
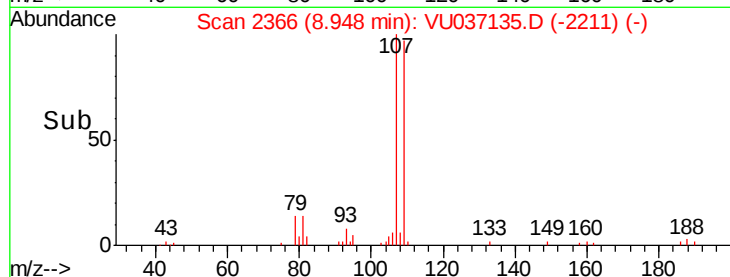
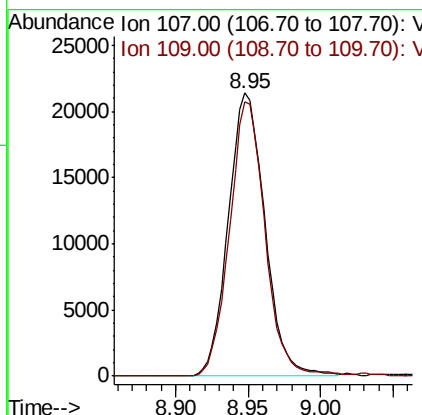
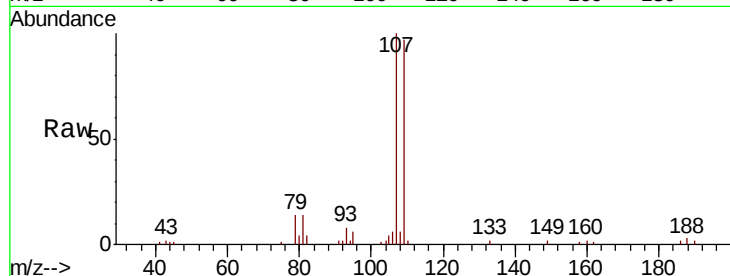




#56
 1,2-Dibromoethane
 Concen: 10.405 ug/l
 RT: 8.95 min Scan# 2366
 Delta R.T. -0.00 min
 Lab File: VU037135.D
 Acq: 09 Mar 2020 15:42

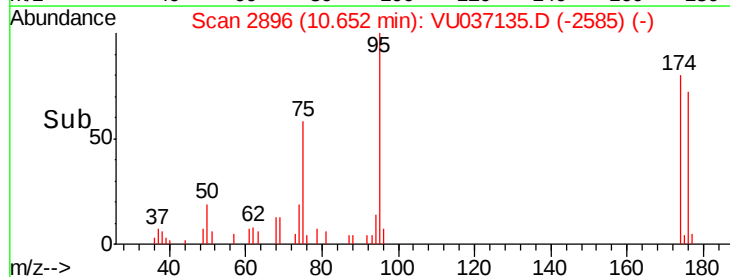
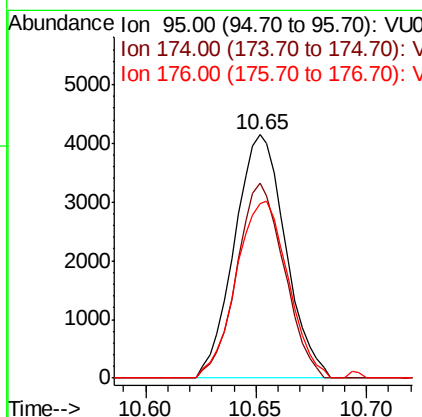
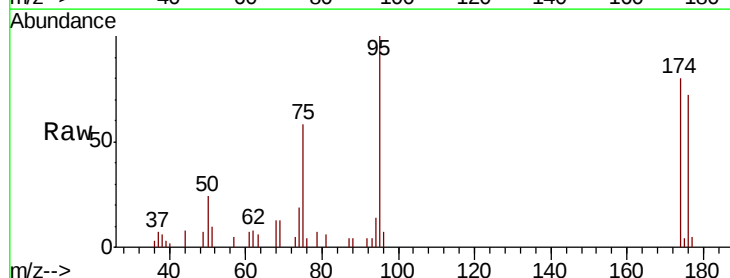
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU030920

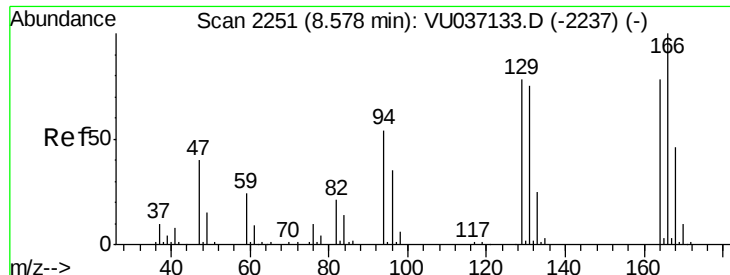
Tot Ion:107 Resp: 37567
 Ion Ratio Lower Upper
 107 100
 109 93.6 0.0 190.8



#57
 4-Bromofluorobenzene
 Concen: 1.023 ug/l
 RT: 10.65 min Scan# 2896
 Delta R.T. -0.00 min
 Lab File: VU037135.D
 Acq: 09 Mar 2020 15:42

Tgt Ion: 95 Resp: 6660
 Ion Ratio Lower Upper
 95 100
 174 74.8 64.7 97.1
 176 74.3 60.6 91.0





#58

Tetrachloroethene

Concen: 9.612 ug/l

RT: 8.58 min Scan# 2251

Delta R.T. -0.00 min

Lab File: VU037135.D

Acq: 09 Mar 2020 15:42

Instrument :

MSVOA_U

ClientSampleId :

ICVVU030920

Tot Ion:164 Resp: 48079

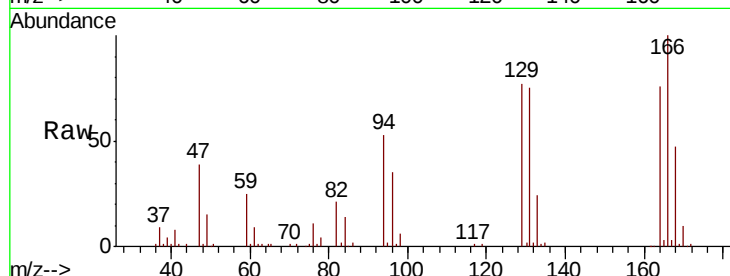
Ion Ratio Lower Upper

164 100

166 131.9 102.0 153.0

129 102.2 74.9 112.3

131 99.1 72.6 108.8



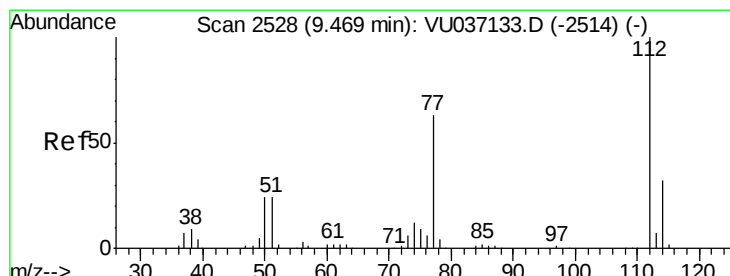
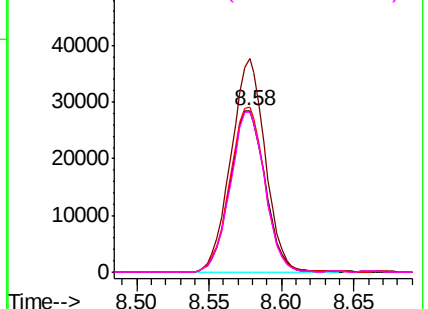
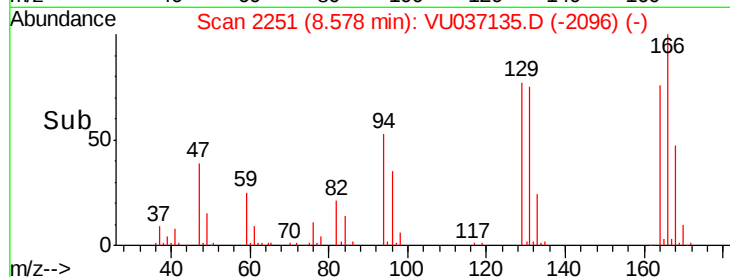
Abundance

Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#59

Chlorobenzene

Concen: 9.676 ug/l

RT: 9.47 min Scan# 2528

Delta R.T. -0.00 min

Lab File: VU037135.D

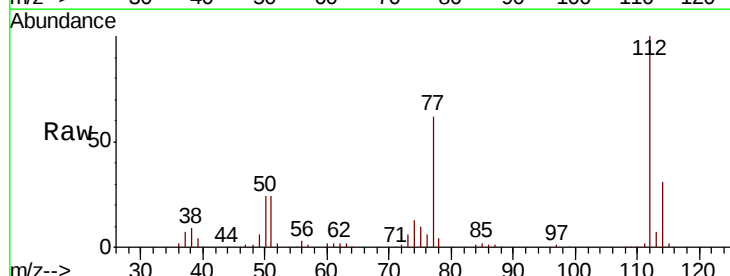
Acq: 09 Mar 2020 15:42

Tgt Ion:112 Resp: 132453

Ion Ratio Lower Upper

112 100

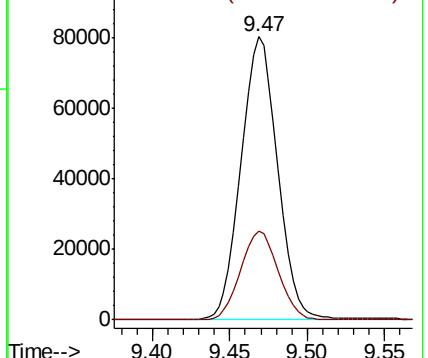
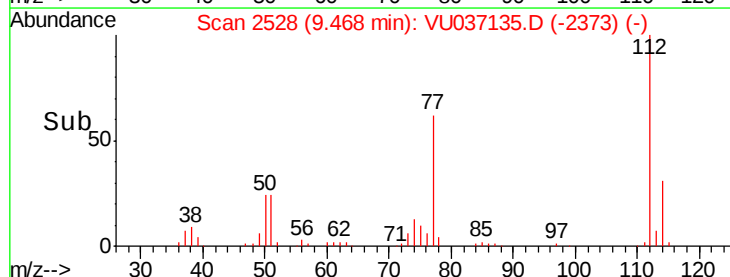
114 31.2 25.8 38.8

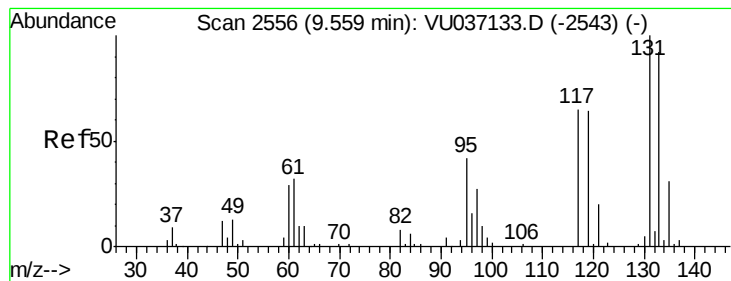


Abundance

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: 10.090 ug/l

RT: 9.56 min Scan# 2556

Delta R.T. -0.00 min

Lab File: VU037135.D

Acq: 09 Mar 2020 15:42

Instrument :

MSVOA_U

ClientSampleId :

ICVVU030920

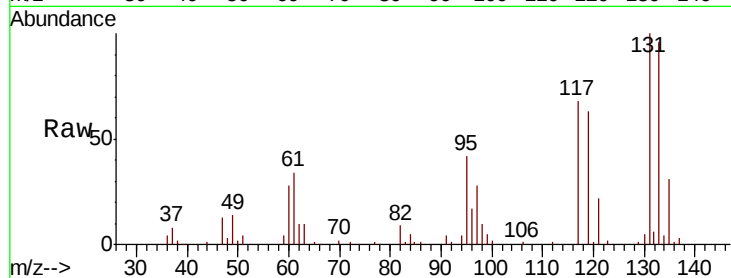
Tot Ion:131 Resp: 50559

Ion Ratio Lower Upper

131 100

133 95.4 76.4 114.6

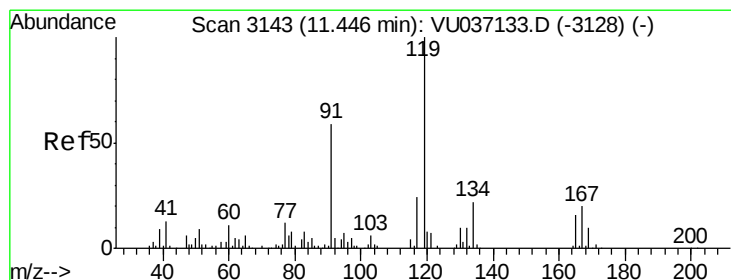
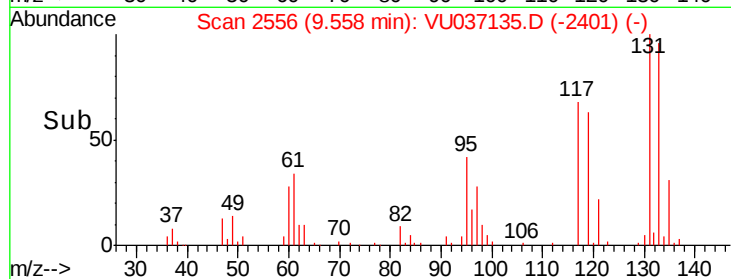
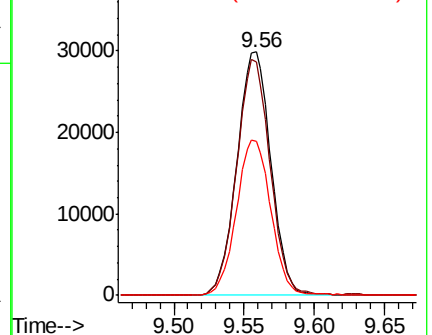
119 64.2 56.6 85.0



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: 10.534 ug/l

RT: 11.45 min Scan# 3143

Delta R.T. -0.00 min

Lab File: VU037135.D

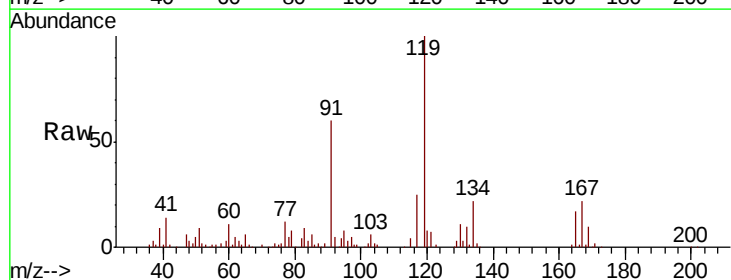
Acq: 09 Mar 2020 15:42

Tgt Ion:117 Resp: 40269

Ion Ratio Lower Upper

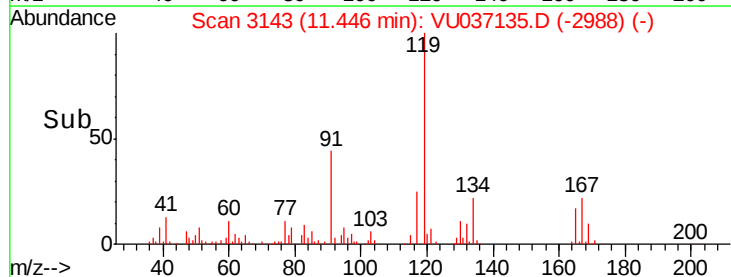
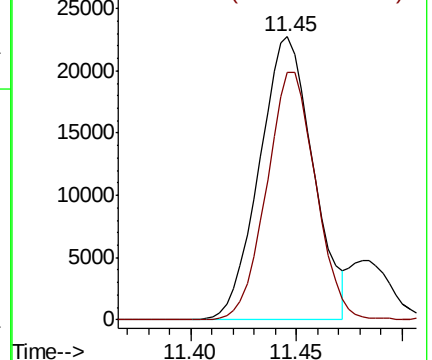
117 100

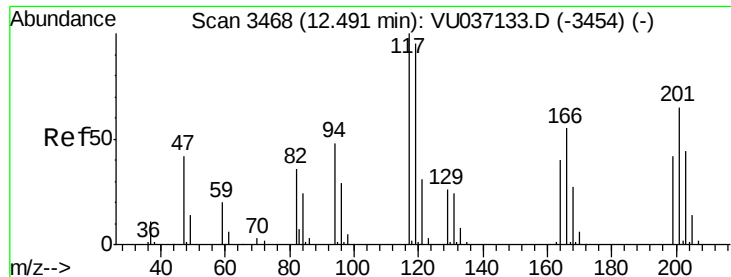
167 79.9 66.7 100.1



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 166.70 (166.40 to 167.40): V





#62

Hexachloroethane

Concen: 10.521 ug/l

RT: 12.49 min Scan# 3468

Delta R.T. -0.00 min

Lab File: VU037135.D

Acq: 09 Mar 2020 15:42

Instrument :

MSVOA_U

ClientSampleId :

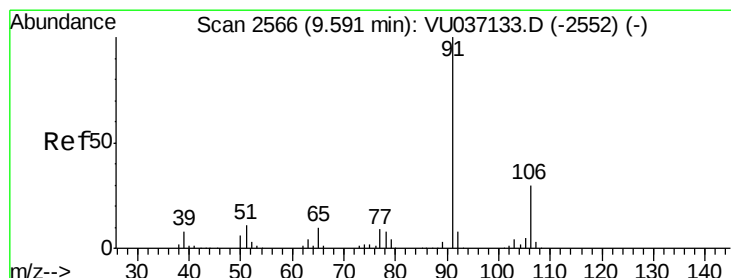
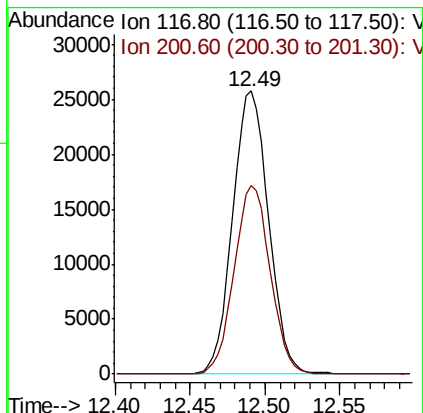
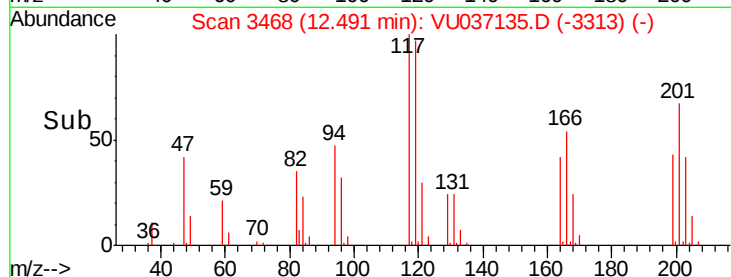
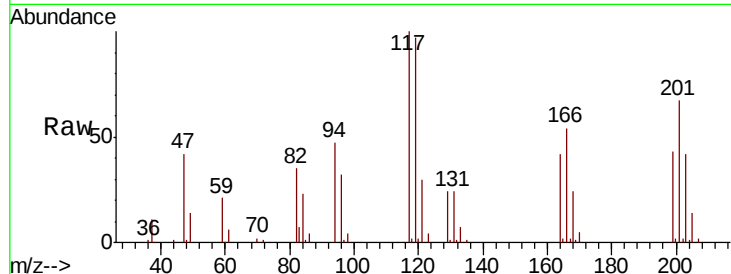
ICVVU030920

Tot Ion:117 Resp: 43056

Ion Ratio Lower Upper

117 100

201 66.7 65.0 97.4



#63

Ethyl Benzene

Concen: 10.946 ug/l

RT: 9.59 min Scan# 2566

Delta R.T. -0.00 min

Lab File: VU037135.D

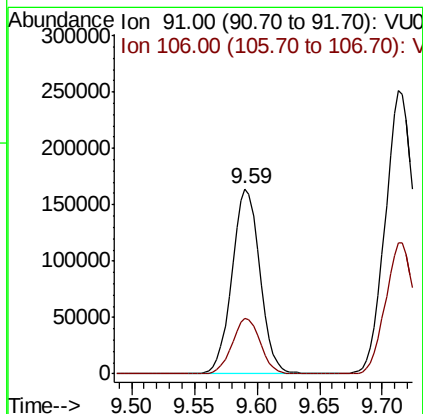
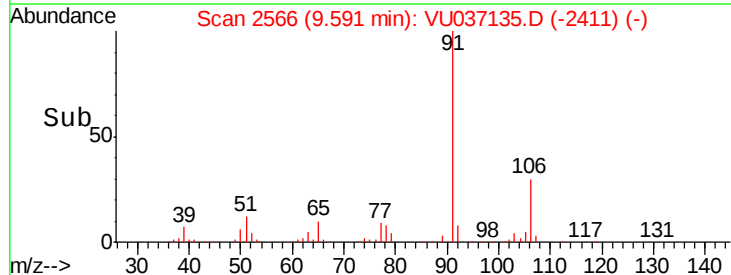
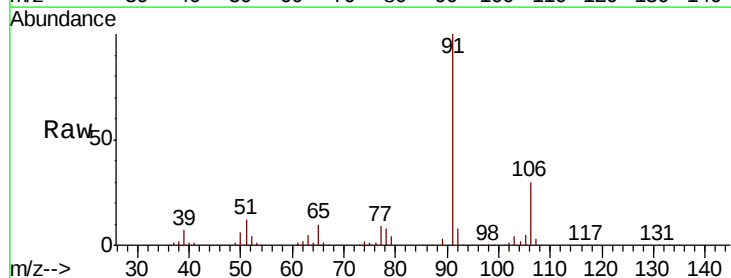
Acq: 09 Mar 2020 15:42

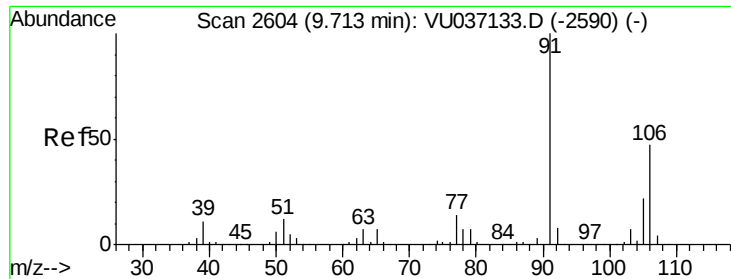
Tgt Ion: 91 Resp: 255780

Ion Ratio Lower Upper

91 100

106 29.8 26.0 39.0





#64

m/p-Xylenes

Concen: 21.609 ug/l

RT: 9.72 min Scan# 2605

Delta R.T. 0.00 min

Lab File: VU037135.D

Acq: 09 Mar 2020 15:42

Instrument :

MSVOA_U

ClientSampleId :

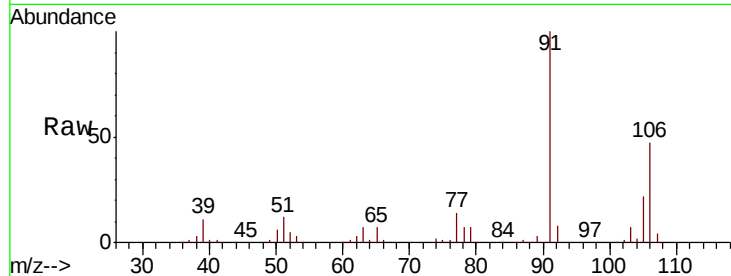
ICVVU030920

Tot Ion:106 Resp: 191152

Ion Ratio Lower Upper

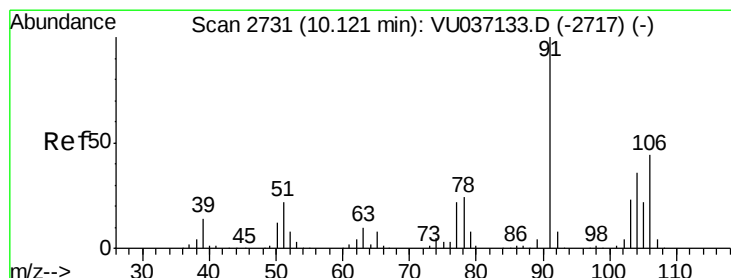
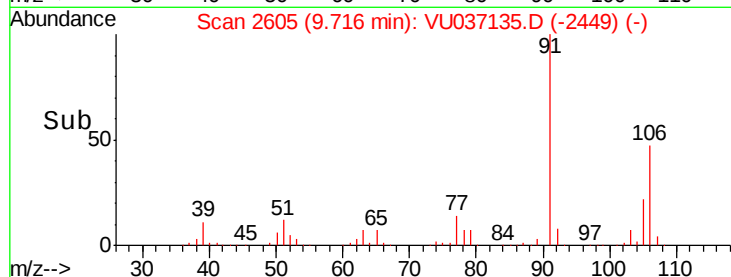
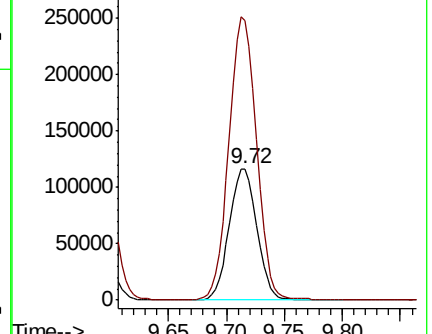
106 100

91 215.4 158.2 237.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#65

o-Xylene

Concen: 10.627 ug/l

RT: 10.12 min Scan# 2731

Delta R.T. -0.00 min

Lab File: VU037135.D

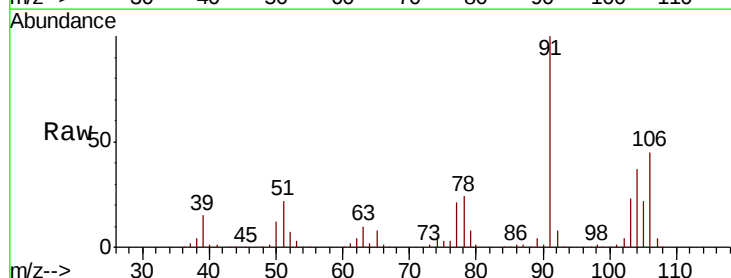
Acq: 09 Mar 2020 15:42

Tgt Ion:106 Resp: 90706

Ion Ratio Lower Upper

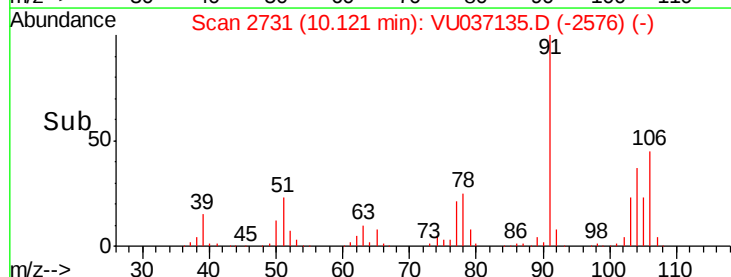
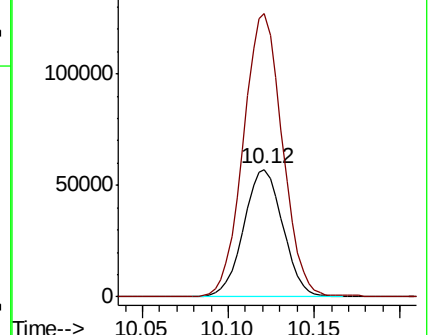
106 100

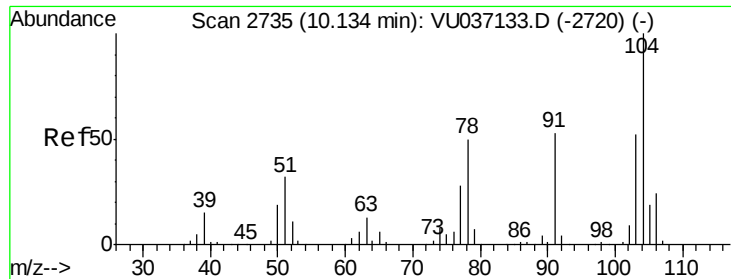
91 222.5 104.3 312.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0

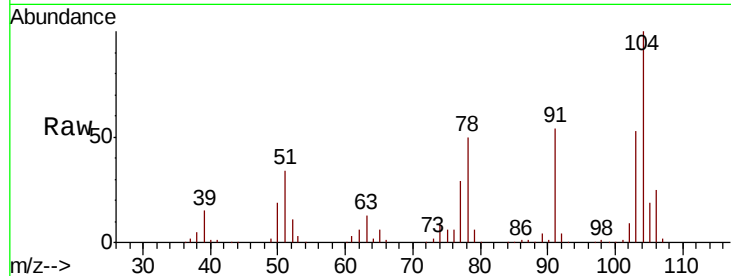




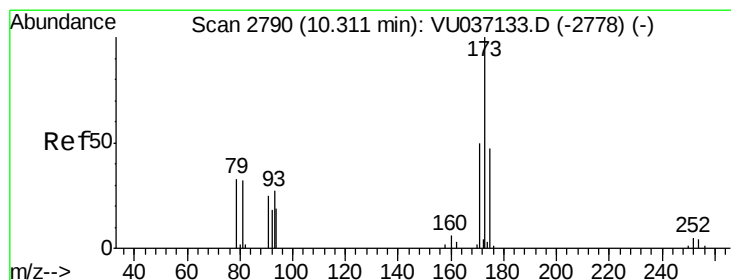
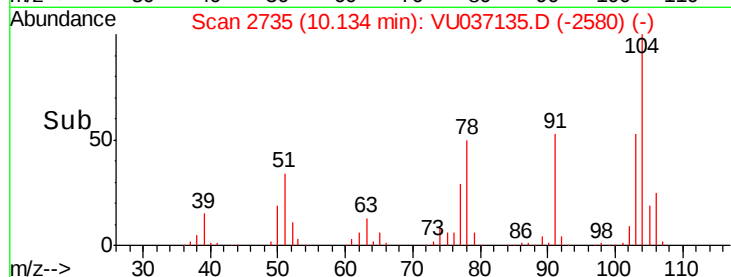
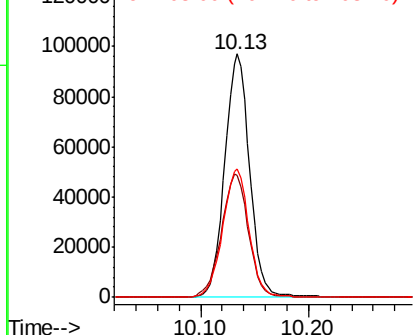
#66
Stvrene
Concen: 11.177 ug/l
RT: 10.13 min Scan# 2735
Delta R.T. -0.00 min
Lab File: VU037135.D
Acq: 09 Mar 2020 15:42

Instrument :
MSVOA_U
ClientSampleId :
ICVVU030920

Tot Ion:104 Resp: 156150
Ion Ratio Lower Upper
104 100
78 55.4 38.6 57.8
103 56.0 44.4 66.6

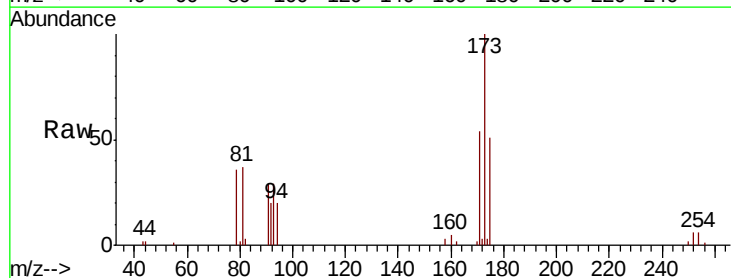


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VU0
Ion 103.00 (102.70 to 103.70): V

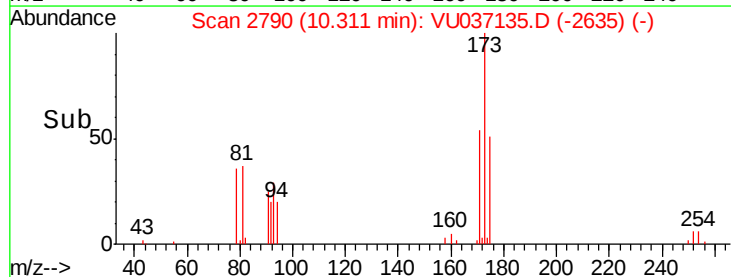
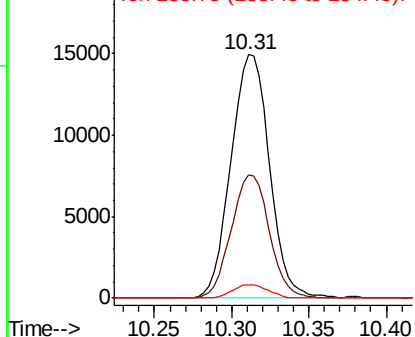


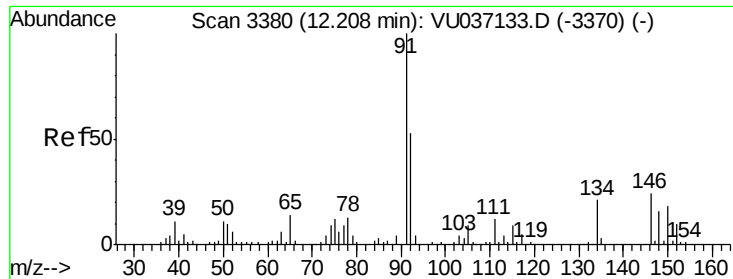
#67
Bromoform
Concen: 10.396 ug/l
RT: 10.31 min Scan# 2790
Delta R.T. -0.00 min
Lab File: VU037135.D
Acq: 09 Mar 2020 15:42

Tgt Ion:173 Resp: 25894
Ion Ratio Lower Upper
173 100
175 49.8 38.3 57.5
254 5.0 6.6 9.8#



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

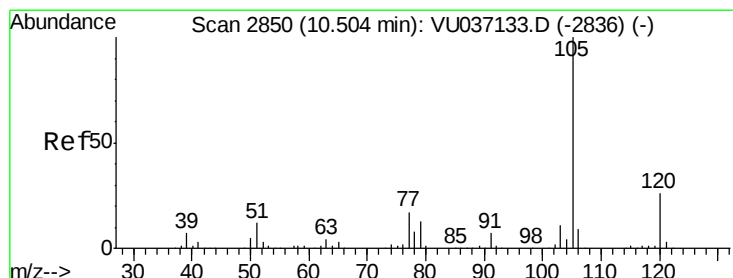
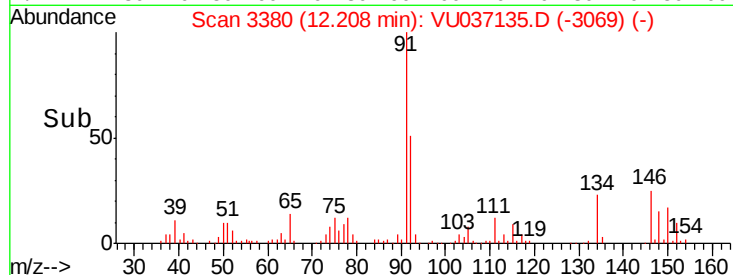
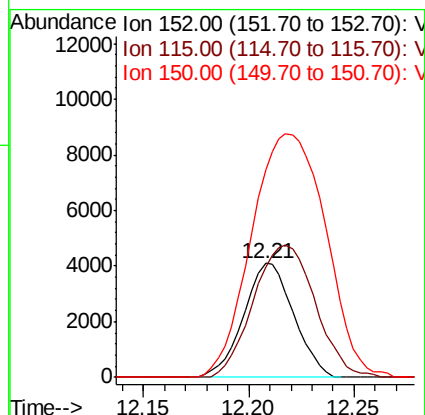
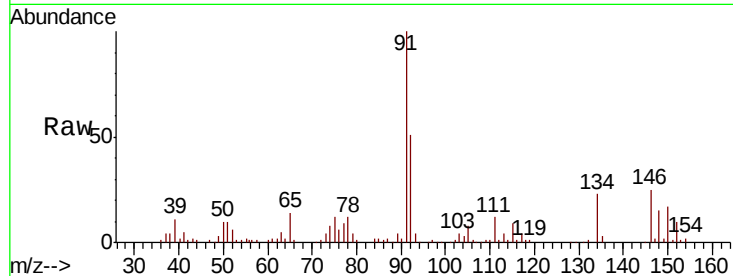




#68
 1,2-Dichlorobenzene-d4
 Concen: 1.018 ug/l
 RT: 12.21 min Scan# 3380
 Delta R.T. -0.00 min
 Lab File: VU037135.D
 Acq: 09 Mar 2020 15:42

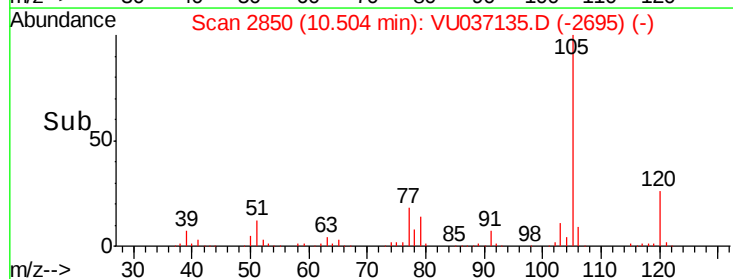
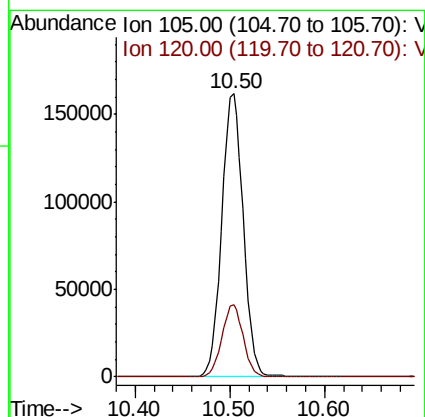
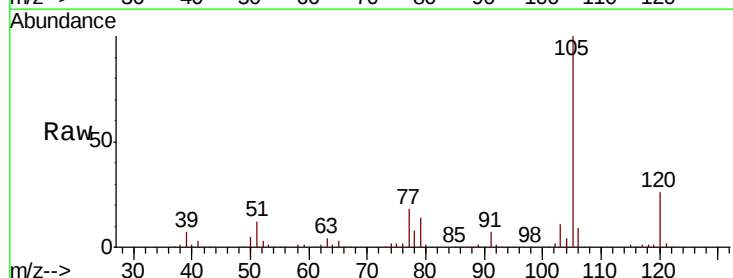
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU030920

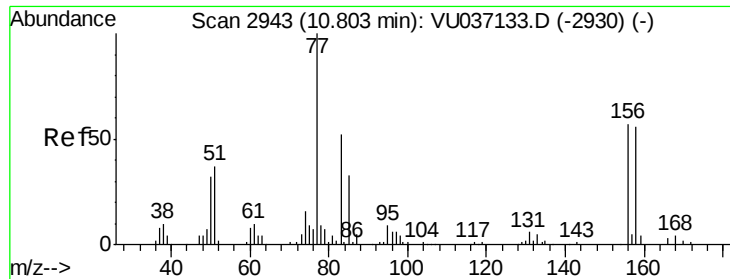
Tot Ion:152 Resp: 6756
 Ion Ratio Lower Upper
 152 100
 115 144.3 0.0 241.8
 150 316.0 0.0 652.4



#69
 Isopropylbenzene
 Concen: 11.007 ug/l
 RT: 10.50 min Scan# 2850
 Delta R.T. -0.00 min
 Lab File: VU037135.D
 Acq: 09 Mar 2020 15:42

Tgt Ion:105 Resp: 256086
 Ion Ratio Lower Upper
 105 100
 120 25.2 13.6 40.7





#70

1,1,2,2-Tetrachloroethane

Concen: 9.967 ug/l

RT: 10.80 min Scan# 2943

Delta R.T. -0.00 min

Lab File: VU037135.D

Acq: 09 Mar 2020 15:42

Instrument :

MSVOA_U

ClientSampleId :

ICVVU030920

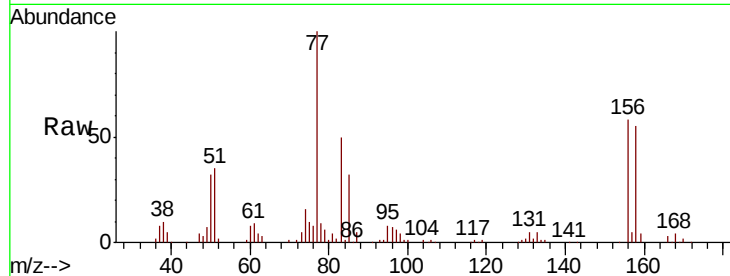
Tot Ion: 83 Resp: 49981

Ion Ratio Lower Upper

83 100

131 9.7 7.8 11.8

85 65.0 53.2 79.8

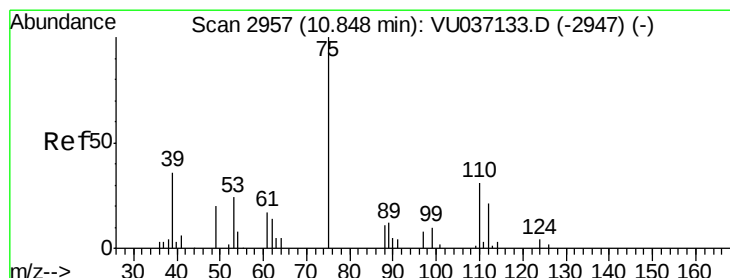
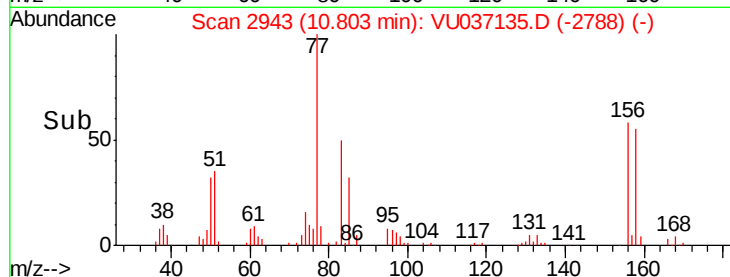
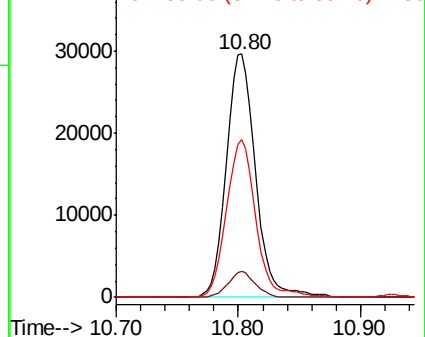


Abundance

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: 12.680 ug/l

RT: 10.84 min Scan# 2956

Delta R.T. -0.00 min

Lab File: VU037135.D

Acq: 09 Mar 2020 15:42

Tgt Ion: 75 Resp: 51980

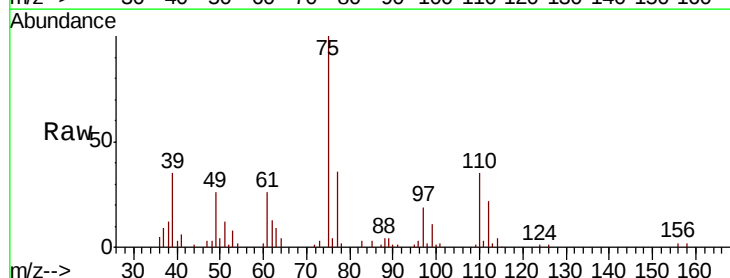
Ion Ratio Lower Upper

75 100

77 31.0 0.0 129.6

110 27.3 0.0 77.4

97 13.9 0.0 42.0



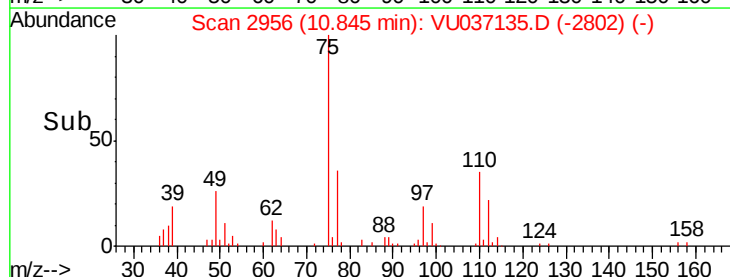
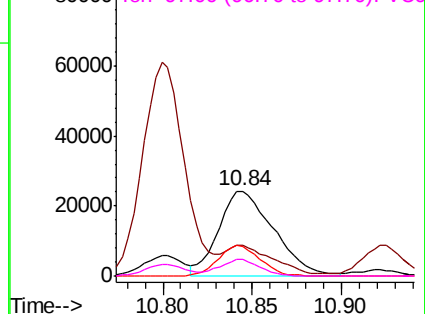
Abundance

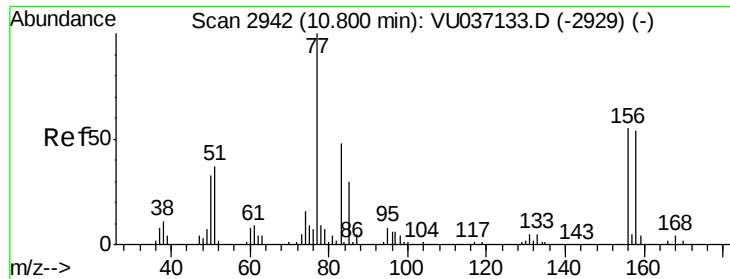
Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

Ion 110.00 (109.70 to 110.70): V

Ion 97.00 (96.70 to 97.70): VU0





#72

Bromobenzene

Concen: 10.195 ug/l

RT: 10.80 min Scan# 2943

Delta R.T. 0.00 min

Lab File: VU037135.D

Acq: 09 Mar 2020 15:42

Instrument :

MSVOA_U

ClientSampleId :

ICVVU030920

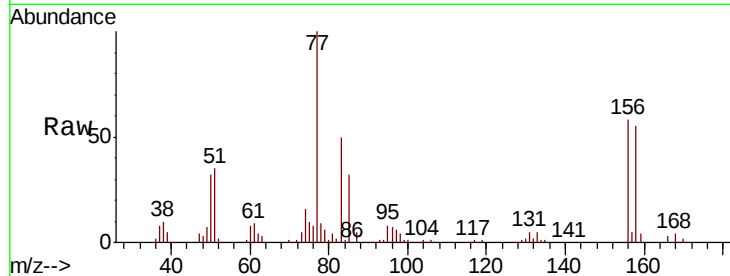
Tot Ion:156 Resp: 57394

Ion Ratio Lower Upper

156 100

77 173.4 0.0 306.6

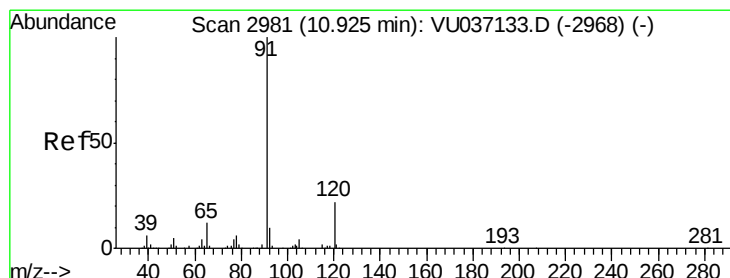
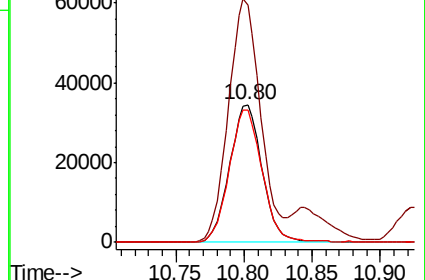
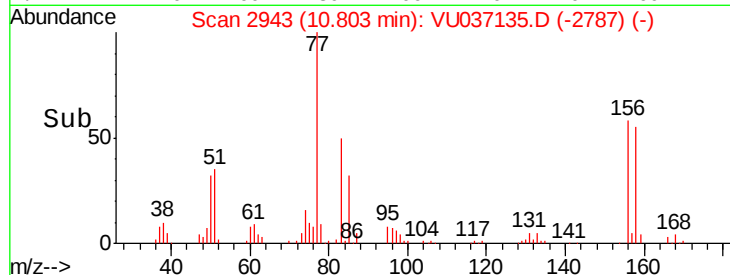
158 97.2 0.0 192.0



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 158.00 (157.70 to 158.70): V



#73

n-propylbenzene

Concen: 10.937 ug/l

RT: 10.92 min Scan# 2981

Delta R.T. -0.00 min

Lab File: VU037135.D

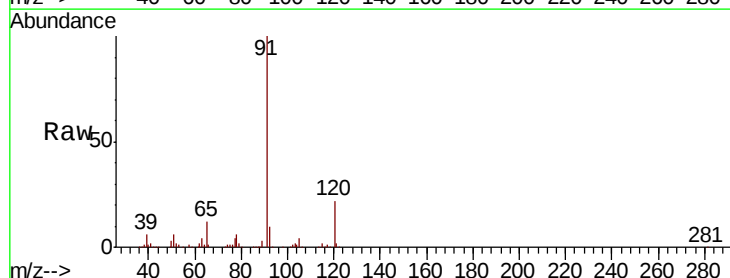
Acq: 09 Mar 2020 15:42

Tgt Ion:120 Resp: 67451

Ion Ratio Lower Upper

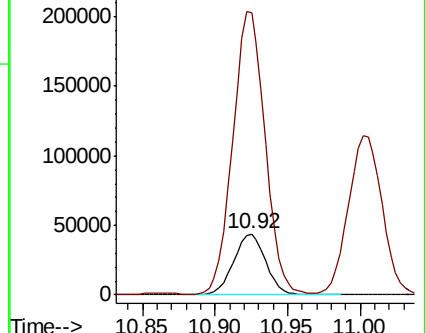
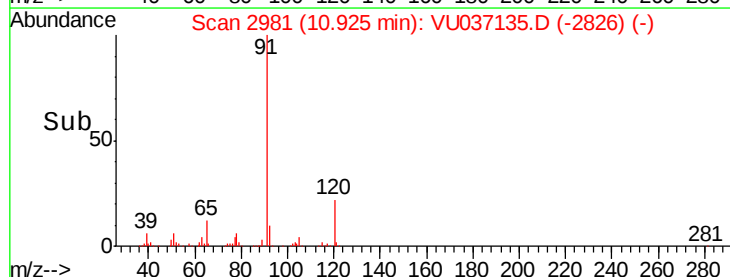
120 100

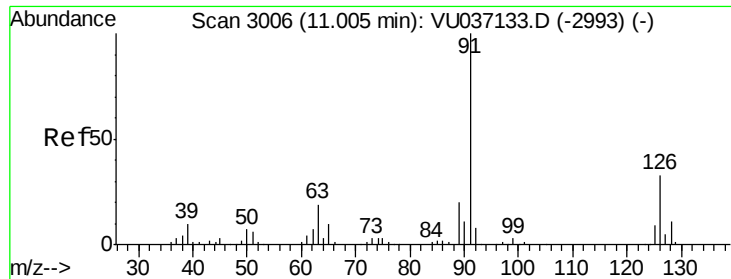
91 464.8 329.5 494.3



Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0





#74

2-Chlorotoluene

Concen: 10.590 ug/l

RT: 11.00 min Scan# 3005

Delta R.T. -0.00 min

Lab File: VU037135.D

Acq: 09 Mar 2020 15:42

Instrument :

MSVOA_U

ClientSampleId :

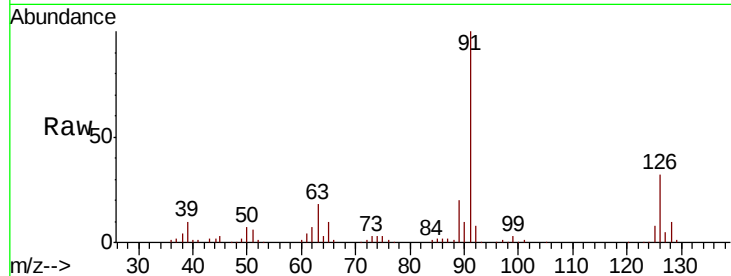
ICVVU030920

Tot Ion:126 Resp: 59118

Ion Ratio Lower Upper

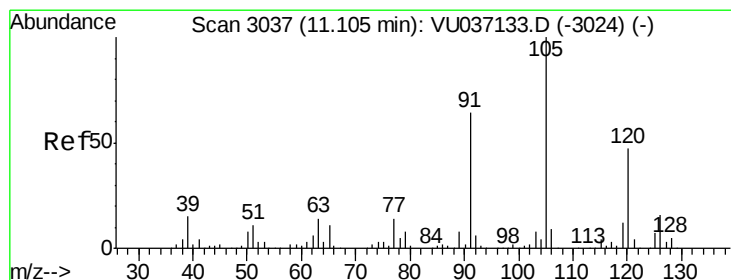
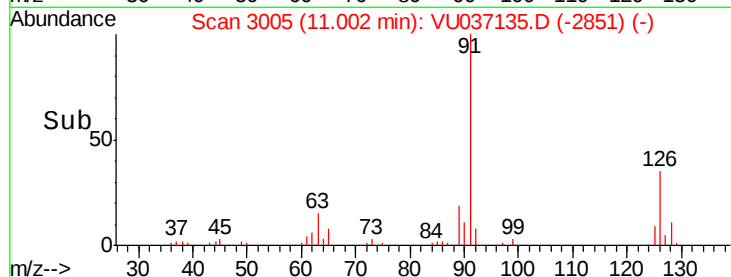
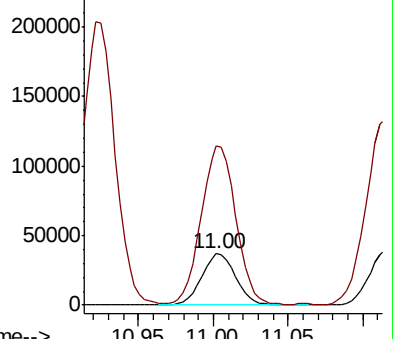
126 100

91 309.1 0.0 567.4



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0



#75

1,3,5-Trimethylbenzene

Concen: 11.439 ug/l

RT: 11.11 min Scan# 3037

Delta R.T. -0.00 min

Lab File: VU037135.D

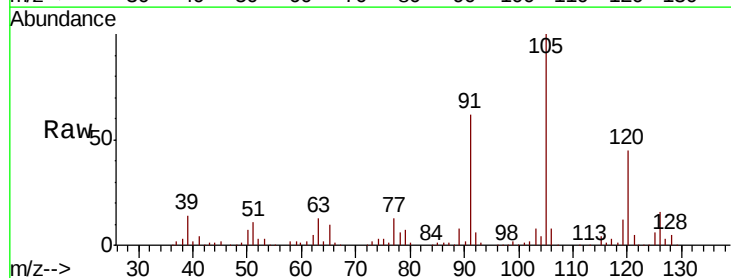
Acq: 09 Mar 2020 15:42

Tgt Ion:105 Resp: 230436

Ion Ratio Lower Upper

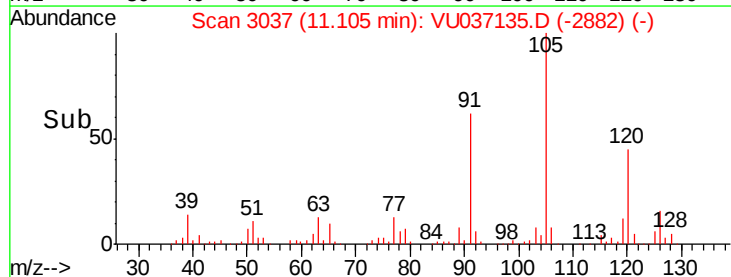
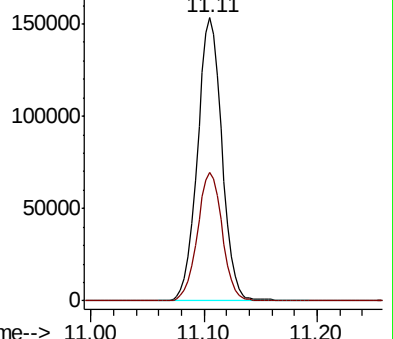
105 100

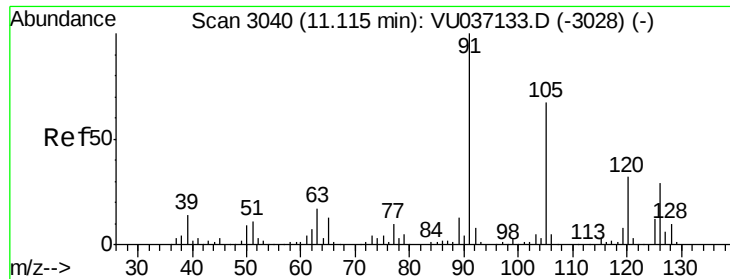
120 46.0 39.8 59.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

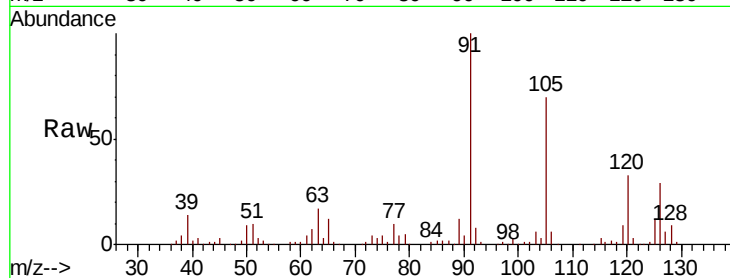




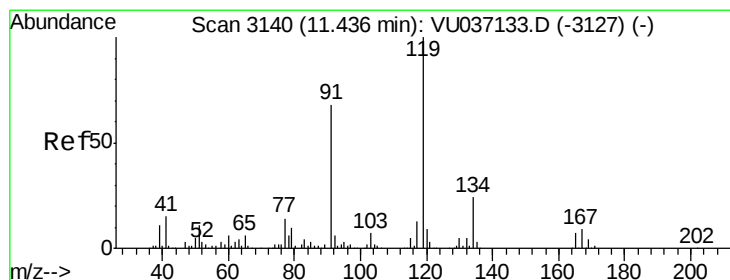
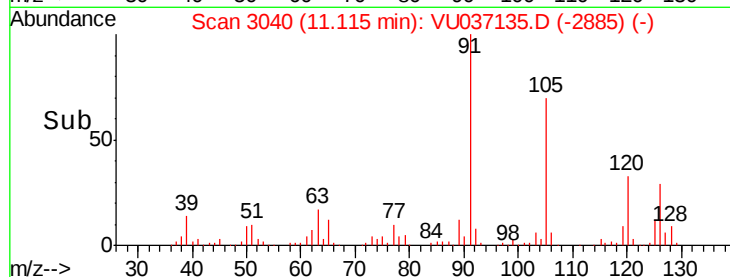
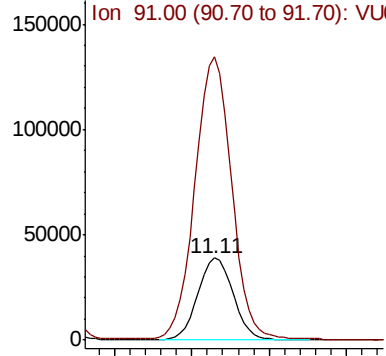
#76
4-Chlorotoluene
Concen: 10.891 ug/l
RT: 11.11 min Scan# 3040
Delta R.T. -0.00 min
Lab File: VU037135.D
Acq: 09 Mar 2020 15:42

Instrument :
MSVOA_U
ClientSampleId :
ICVVU030920

Tot Ion:126 Resp: 61204
Ion Ratio Lower Upper
126 100
91 363.6 0.0 633.0

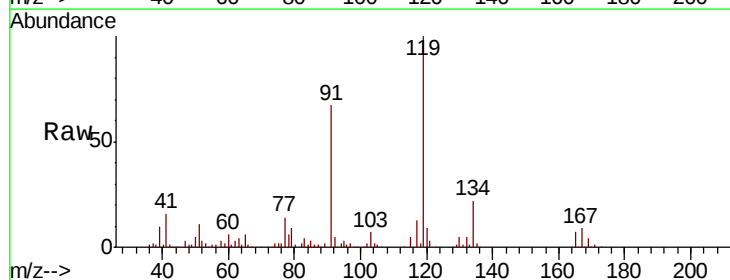


Abundance Ion 126.00 (125.70 to 126.70): V
Ion 91.00 (90.70 to 91.70): VU0

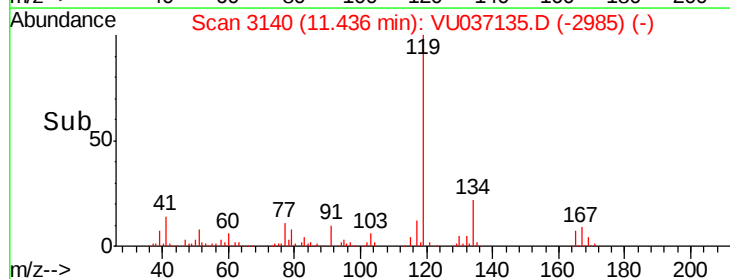
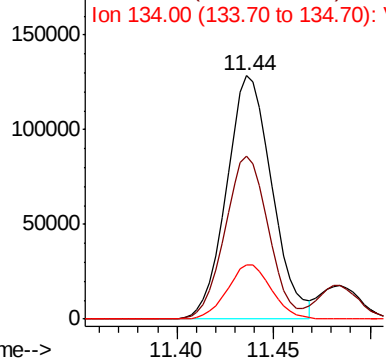


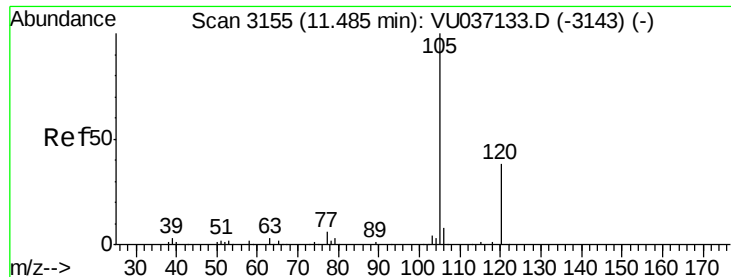
#77
tert-Butylbenzene
Concen: 10.697 ug/l
RT: 11.44 min Scan# 3140
Delta R.T. -0.00 min
Lab File: VU037135.D
Acq: 09 Mar 2020 15:42

Tgt Ion:119 Resp: 210051
Ion Ratio Lower Upper
119 100
91 64.1 29.3 87.8
134 21.6 19.0 28.4



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





#78

1,2,4-Trimethylbenzene

Concen: 11.234 ug/l

RT: 11.48 min Scan# 3155

Delta R.T. -0.00 min

Lab File: VU037135.D

Acq: 09 Mar 2020 15:42

Instrument :

MSVOA_U

ClientSampleId :

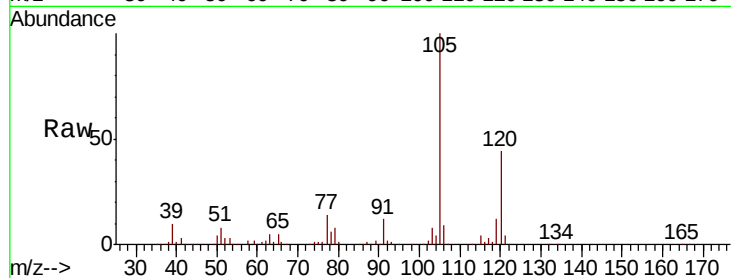
ICVVU030920

Tot Ion:105 Resp: 228434

Ion Ratio Lower Upper

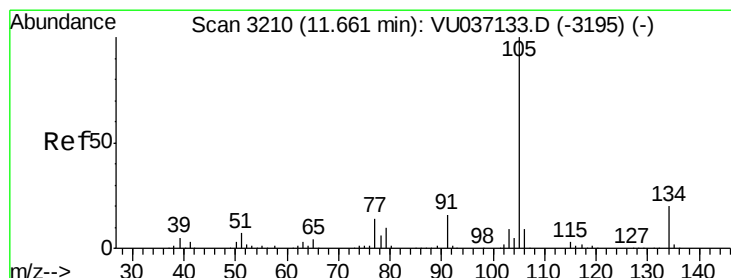
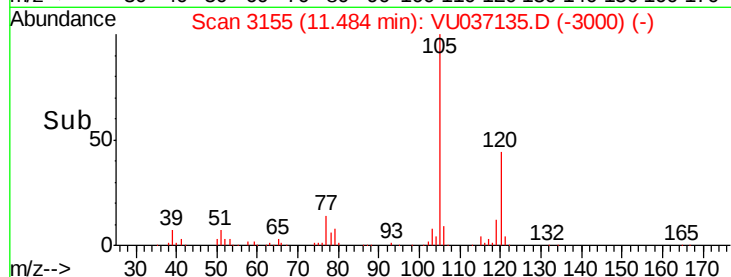
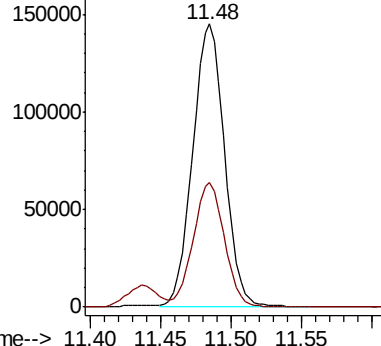
105 100

120 43.3 23.3 69.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#79

sec-Butylbenzene

Concen: 10.050 ug/l

RT: 11.66 min Scan# 3209

Delta R.T. -0.00 min

Lab File: VU037135.D

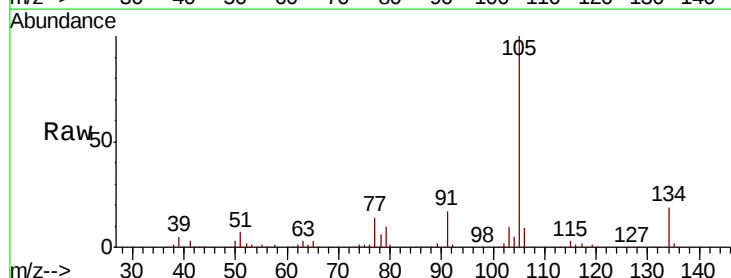
Acq: 09 Mar 2020 15:42

Tgt Ion:105 Resp: 268521

Ion Ratio Lower Upper

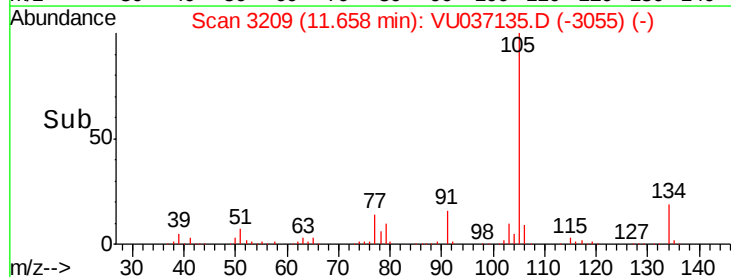
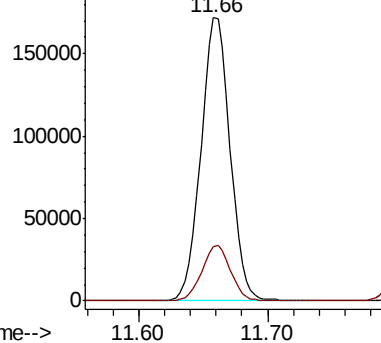
105 100

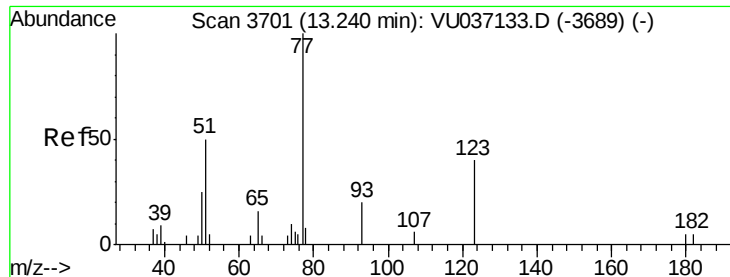
134 19.2 16.0 24.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

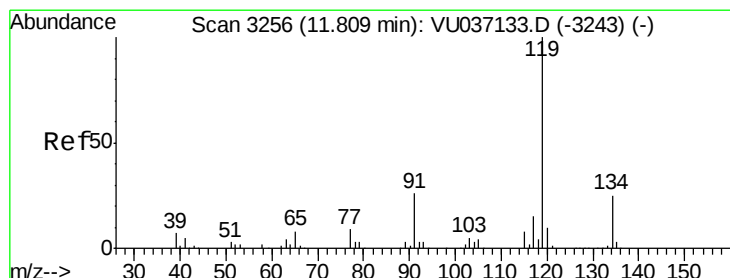
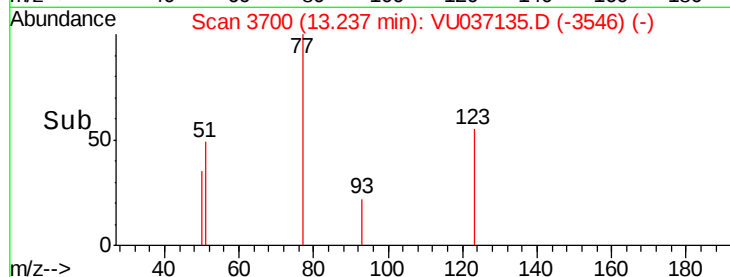
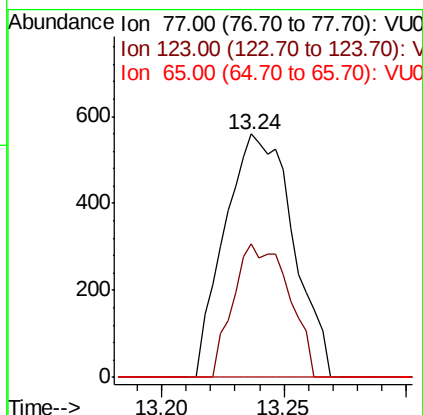
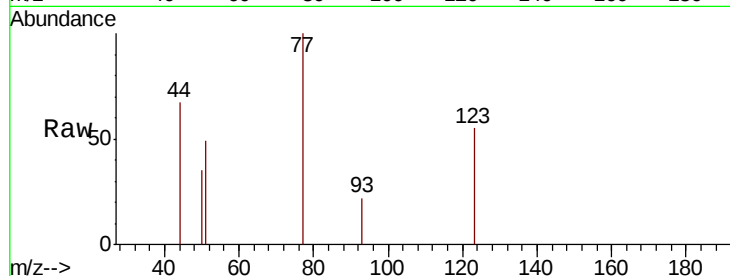




#80
Nitrobenzene
Concen: 9.913 ug/l
RT: 13.24 min Scan# 3700
Delta R.T. -0.00 min
Lab File: VU037135.D
Acq: 09 Mar 2020 15:42

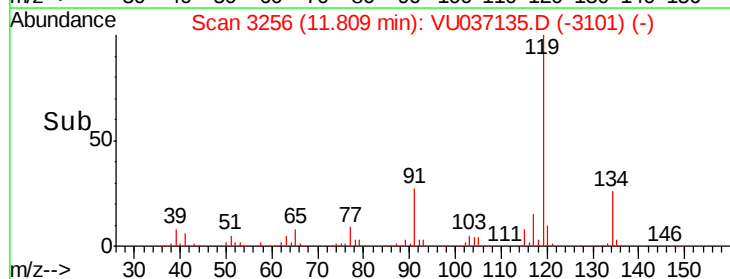
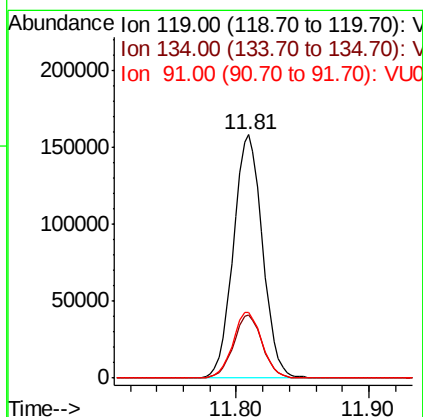
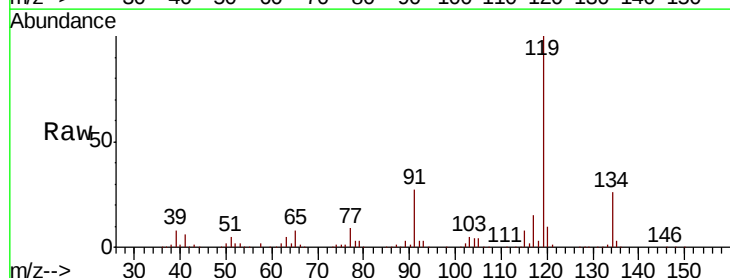
Instrument :
MSVOA_U
ClientSampleId :
ICVVU030920

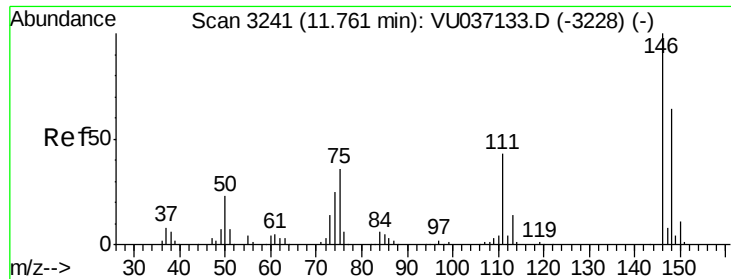
Tot Ion: 77 Resp: 1088
Ion Ratio Lower Upper
77 100
123 44.4 19.6 69.6
65 0.0 12.7 16.1#



#81
p-Isopropyltoluene
Concen: 11.449 ug/l
RT: 11.81 min Scan# 3256
Delta R.T. -0.00 min
Lab File: VU037135.D
Acq: 09 Mar 2020 15:42

Tgt Ion: 119 Resp: 241106
Ion Ratio Lower Upper
119 100
134 25.5 21.4 32.0
91 27.1 18.3 27.5





#82

1,3-Dichlorobenzene

Concen: 10.169 ug/l

RT: 11.76 min Scan# 3241

Delta R.T. -0.00 min

Lab File: VU037135.D

Acq: 09 Mar 2020 15:42

Instrument :

MSVOA_U

ClientSampleId :

ICVVU030920

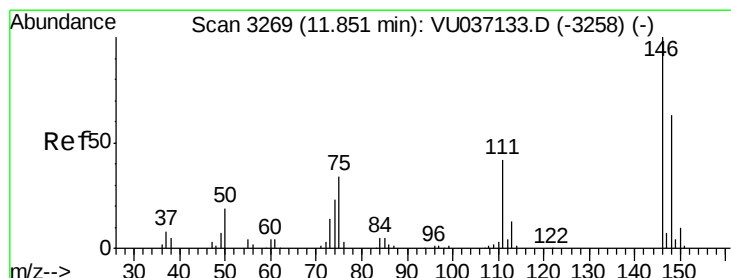
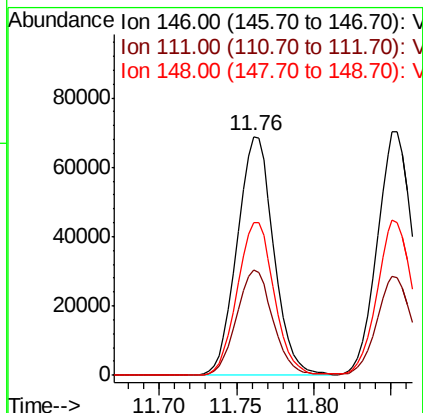
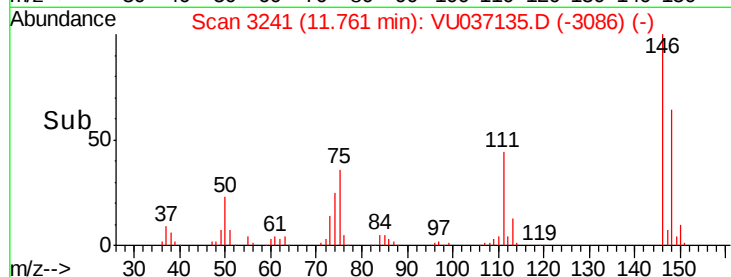
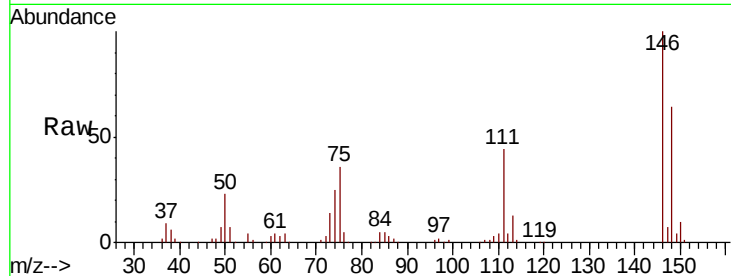
Tot Ion:146 Resp: 113430

Ion Ratio Lower Upper

146 100

111 43.9 32.2 48.2

148 64.5 51.4 77.2



#83

1,4-Dichlorobenzene

Concen: 10.129 ug/l

RT: 11.85 min Scan# 3270

Delta R.T. 0.00 min

Lab File: VU037135.D

Acq: 09 Mar 2020 15:42

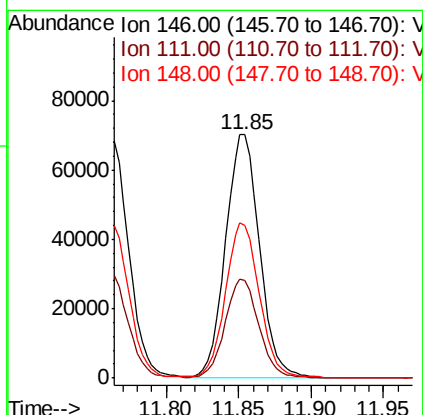
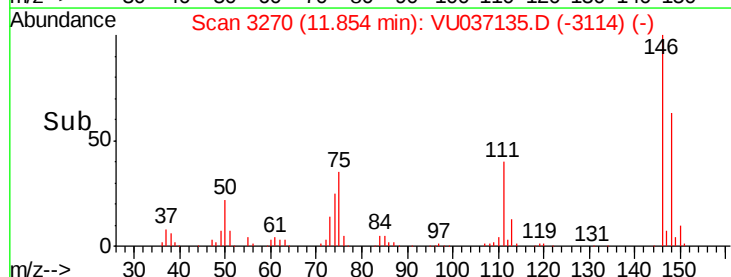
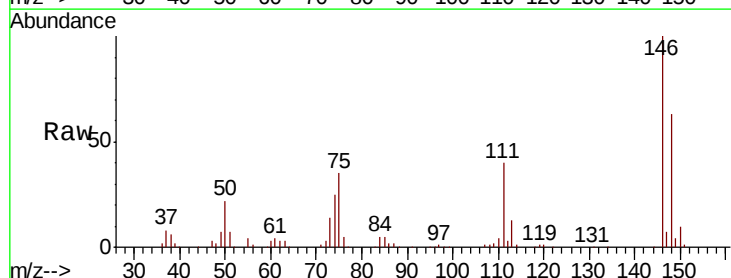
Tgt Ion:146 Resp: 114469

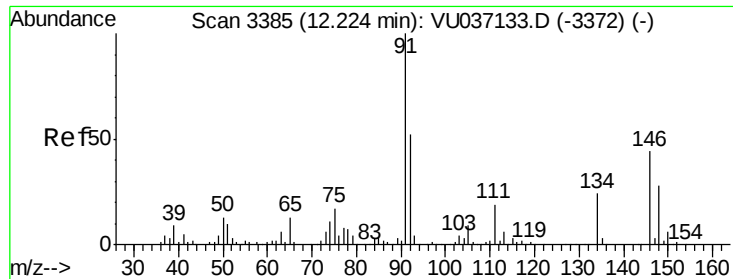
Ion Ratio Lower Upper

146 100

111 40.4 30.5 45.7

148 63.6 51.0 76.4

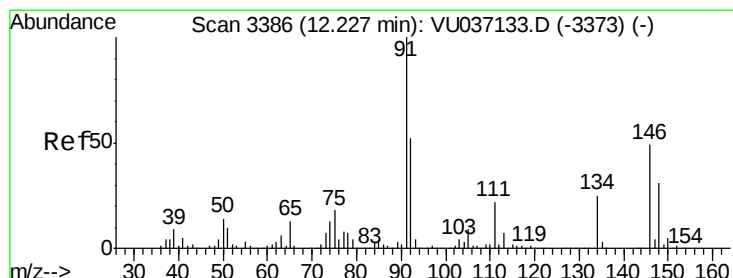
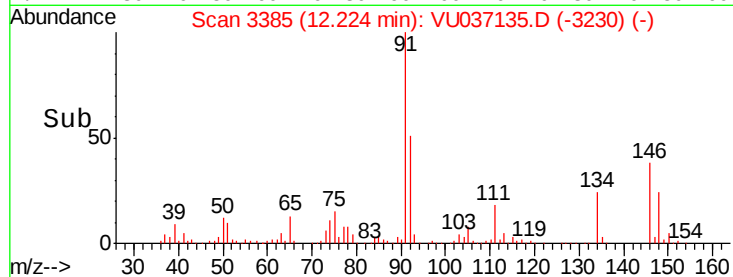
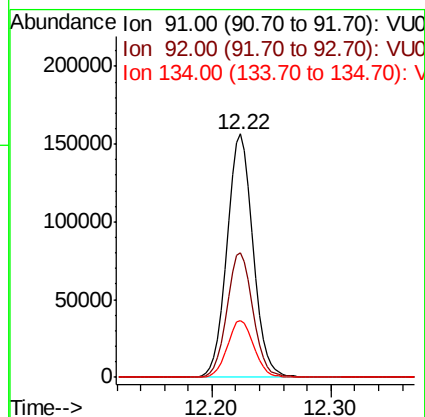
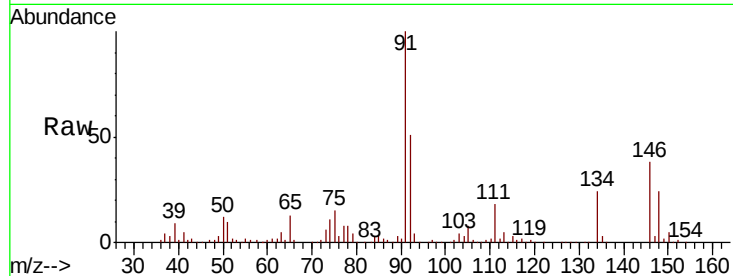




#84
n-Butylbenzene
Concen: 11.865 ug/l
RT: 12.22 min Scan# 3385
Delta R.T. -0.00 min
Lab File: VU037135.D
Acq: 09 Mar 2020 15:42

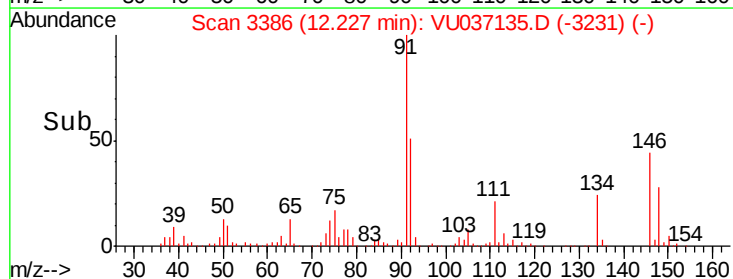
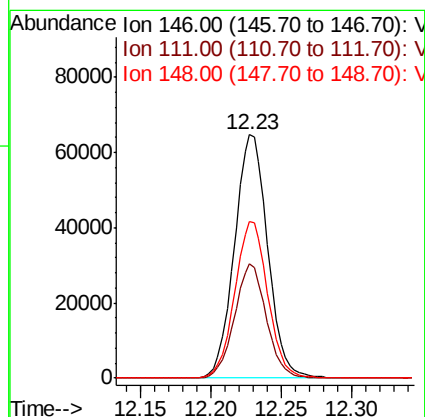
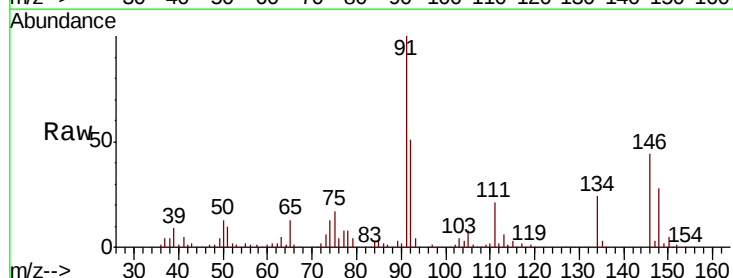
Instrument :
MSVOA_U
ClientSampleId :
ICVVU030920

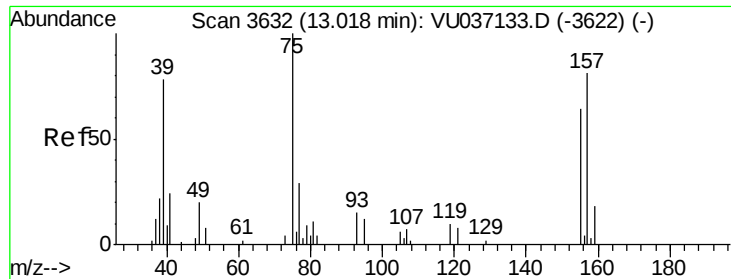
Tot Ion: 91 Resp: 236707
Ion Ratio Lower Upper
91 100
92 51.3 42.9 64.3
134 23.9 21.4 32.0



#85
1,2-Dichlorobenzene
Concen: 9.892 ug/l
RT: 12.23 min Scan# 3386
Delta R.T. -0.00 min
Lab File: VU037135.D
Acq: 09 Mar 2020 15:42

Tgt Ion: 146 Resp: 106775
Ion Ratio Lower Upper
146 100
111 44.8 20.8 62.4
148 63.8 32.0 96.2

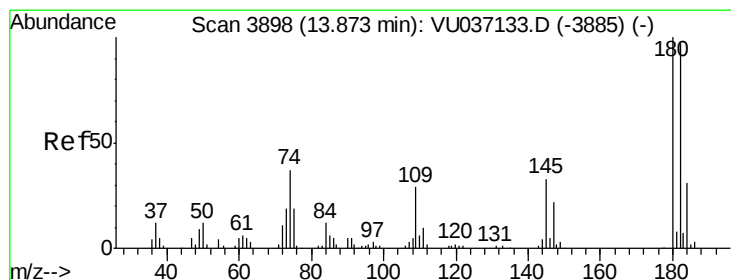
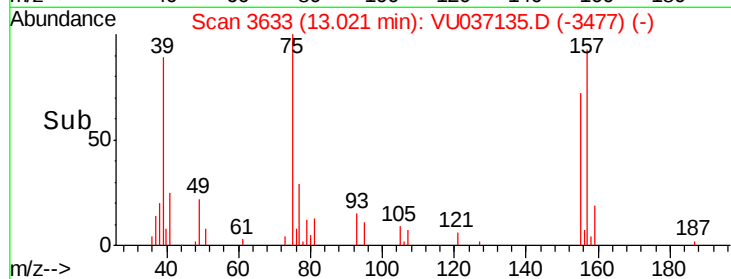
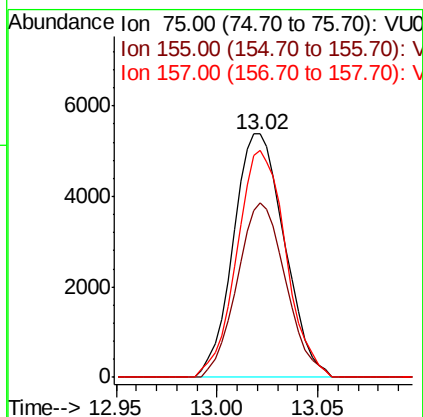
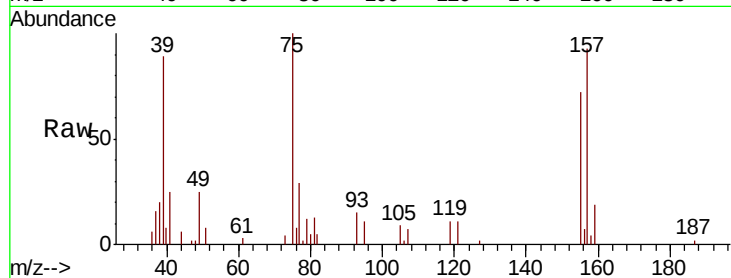




#86
 1,2-Dibromo-3-Chloropropane
 Concen: 10.783 ug/l
 RT: 13.02 min Scan# 3633
 Delta R.T. 0.00 min
 Lab File: VU037135.D
 Acq: 09 Mar 2020 15:42

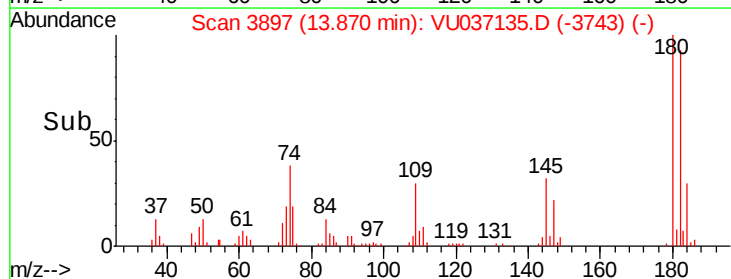
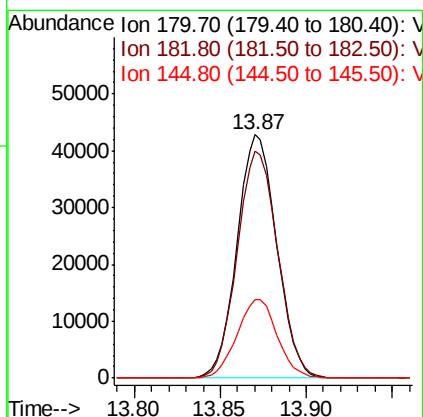
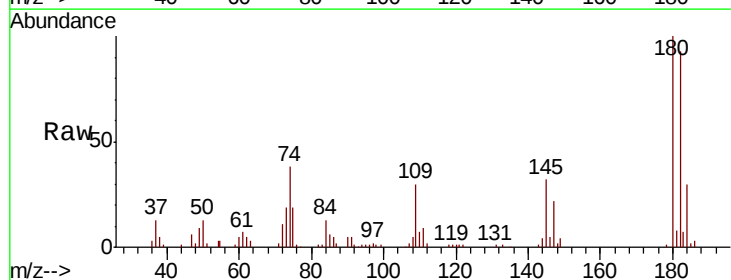
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU030920

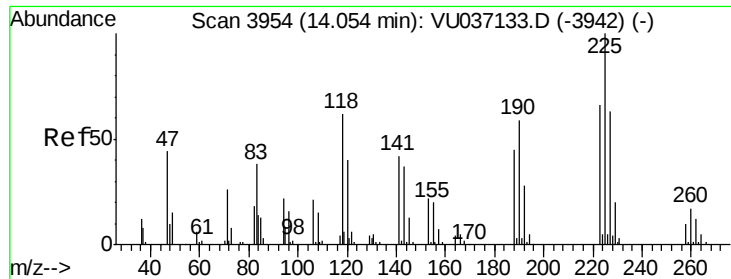
Tot Ion: 75 Resp: 9543
 Ion Ratio Lower Upper
 75 100
 155 68.1 71.8 107.8#
 157 89.3 92.4 138.6#



#87
 1,2,4-Trichlorobenzene
 Concen: 12.609 ug/l
 RT: 13.87 min Scan# 3897
 Delta R.T. -0.00 min
 Lab File: VU037135.D
 Acq: 09 Mar 2020 15:42

Tgt Ion: 180 Resp: 68406
 Ion Ratio Lower Upper
 180 100
 182 95.4 75.9 113.9
 145 32.8 23.4 35.2

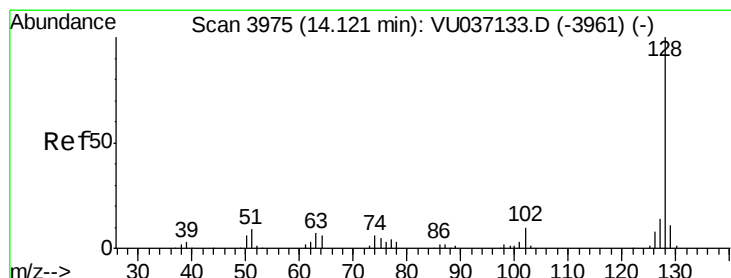
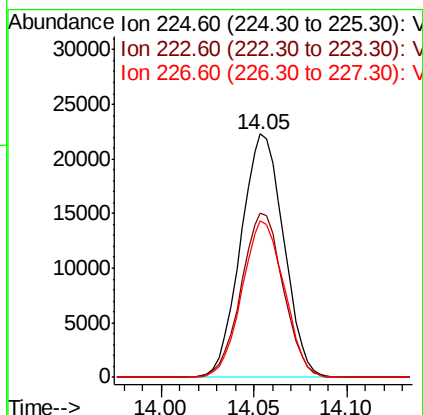
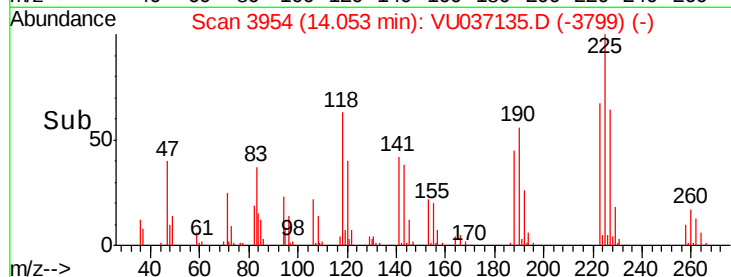
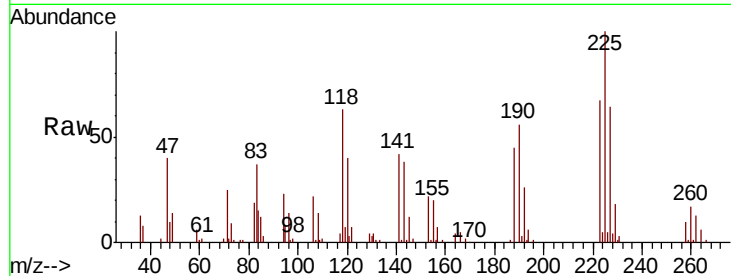




#88
Hexachlorobutadiene
Concen: 10.664 ug/l
RT: 14.05 min Scan# 3954
Delta R.T. -0.00 min
Lab File: VU037135.D
Acq: 09 Mar 2020 15:42

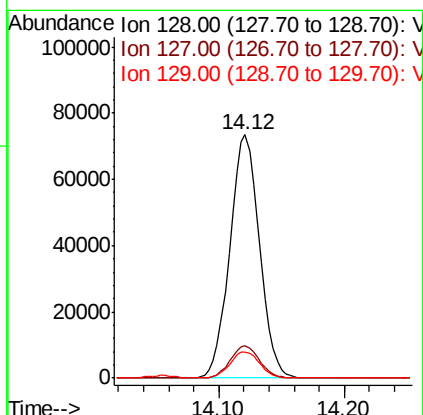
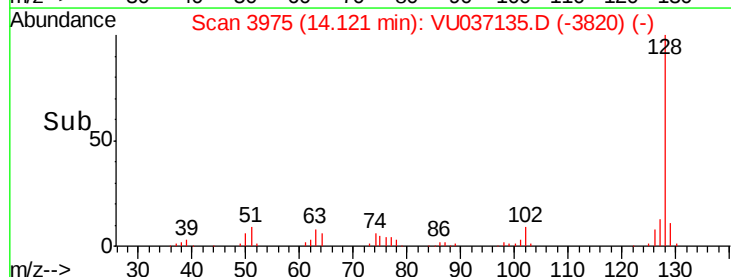
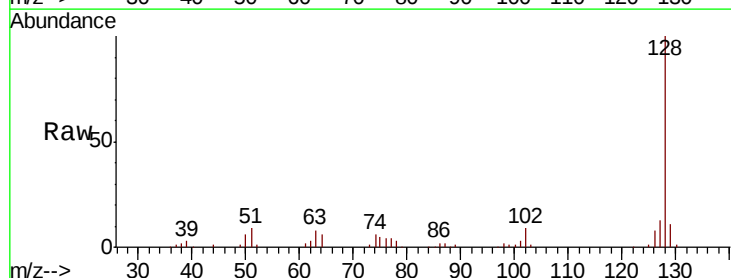
Instrument :
MSVOA_U
ClientSampleId :
ICVVU030920

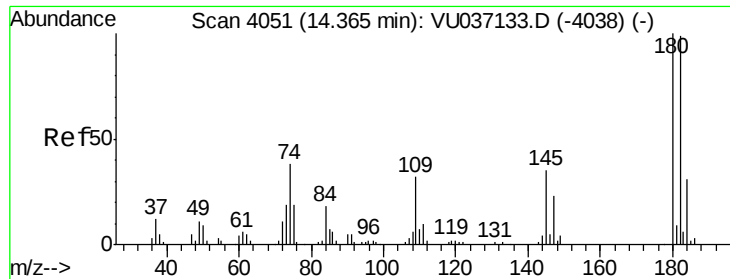
Tot Ion:225 Resp: 35804
Ion Ratio Lower Upper
225 100
223 65.8 51.7 77.5
227 63.1 50.6 75.8



#89
Naphthalene
Concen: 10.799 ug/l
RT: 14.12 min Scan# 3975
Delta R.T. -0.00 min
Lab File: VU037135.D
Acq: 09 Mar 2020 15:42

Tgt Ion:128 Resp: 120368
Ion Ratio Lower Upper
128 100
127 13.2 10.5 15.7
129 10.9 8.7 13.1





#90

1,2,3-Trichlorobenzene

Concen: 11.963 ug/l

RT: 14.37 min Scan# 4051

Delta R.T. -0.00 min

Lab File: VU037135.D

Acq: 09 Mar 2020 15:42

Instrument :

MSVOA_U

ClientSampleId :

ICVVU030920

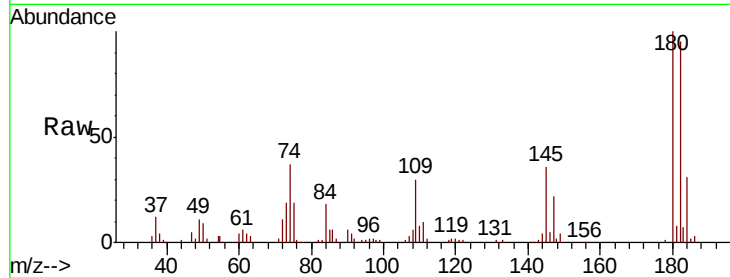
Tot Ion:180 Resp: 63169

Ion Ratio Lower Upper

180 100

182 94.0 76.2 114.4

145 35.1 25.2 37.8



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

