

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030920\
 Data File : VU037133.D
 Acq On : 09 Mar 2020 14:20
 Operator : JC/MD
 Sample : VSTDICCC010
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

Quant Time: Mar 09 15:30:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U030920DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Mon Mar 09 15:28:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----	-----	-----	-----	-----	-----	-----
1) Fluorobenzene	6.15	96	17483	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.65	95	6740	1.02	ug/l	0.00
Spiked Amount 1.000			Recovery	=	102.00%	
68) 1,2-Dichlorobenzene-d4	12.21	152	6954	1.03	ug/l	0.00
Spiked Amount 1.000			Recovery	=	103.00%	
Target Compounds						
					Ovalue	
2) Dichlorodifluoromethane	1.39	85	83420	14.435	ug/l	97
3) Chloromethane	1.54	50	84241	13.597	ug/l	99
4) Vinyl Chloride	1.62	62	74604	10.631	ug/l	100
5) Bromomethane	1.87	94	23750	5.447	ug/l	100
6) Chloroethane	1.95	64	34310	8.253	ug/l	99
7) Trichlorofluoromethane	2.16	101	87271	12.587	ug/l	98
8) 1,1,2-Trichloro-1,2,2-trif	2.60	101	41525	9.614	ug/l	93
9) 1,1-Dichloroethene	2.60	96	39101	8.505	ug/l	75
10) Iodomethane	2.75	142	21883	4.437	ug/l #	70
11) Allyl Chloride	2.95	41	74531	11.725	ug/l #	64
12) Acrylonitrile	3.35	53	18351	16.274	ug/l #	92
13) Acetone	2.66	43	45582	49.587	ug/l #	79
14) Carbon Disulfide	2.82	76	130668	8.207	ug/l	99
15) Methylene Chloride	3.08	84	43187	7.132	ug/l #	78
16) trans-1,2-Dichloroethene	3.38	96	41559	8.195	ug/l	87
17) 1,1-Dichloroethane	3.91	63	94955	11.489	ug/l	98
18) 2-Butanone	4.76	43	74866	61.840	ug/l	96
19) Cyclohexane	5.42	56	78361	10.374	ug/l	96
20) Methylcyclohexane	6.79	83	85071	10.087	ug/l #	88
21) 2,2-Dichloropropane	4.70	77	86168	12.213	ug/l	95
22) cis-1,2-Dichloroethene	4.71	96	52225	9.925	ug/l	83
23) Diethyl Ether	2.40	59	32409	9.126	ug/l	90
24) tert-Butyl Alcohol	3.23	59	37558	118.332	ug/l	99
25) Methyl tert-Butyl Ether	3.41	73	112757	9.360	ug/l #	71
26) Bromochloromethane	5.02	128	22693	9.958	ug/l	80
27) Chloroform	5.13	83	99534	12.176	ug/l	98
28) 1,1,1-Trichloroethane	5.35	97	87711	12.796	ug/l	96
29) 1,1-Dichloropropene	5.56	75	72701	10.867	ug/l	96
30) Carbon Tetrachloride	5.56	117	79200	13.494	ug/l	98
31) Isopropyl Ether	4.05	45	156639	12.486	ug/l	86
32) Ethyl-t-butyl ether	4.56	59	149147	11.363	ug/l	92
33) Tert-Amyl methyl ether	5.99	73	129247	10.754	ug/l	99
34) Propionitrile	4.83	54	21060	60.349	ug/l #	94
35) Benzene	5.81	78	204041	10.533	ug/l	99
36) 1,2-Dichloroethane	5.83	62	71994	13.806	ug/l #	94
37) Trichloroethene	6.57	130	51813	9.688	ug/l	92
38) 1,2-Dichloropropane	6.83	63	56104	11.519	ug/l	99
39) Methacrylonitrile	5.02	41	20386	13.900	ug/l #	84
40) Methyl acrylate	4.90	55	27254	11.724	ug/l #	95
41) Tetrahydrofuran	5.11	42	20037	25.076	ug/l #	85
42) 1-Chlorobutane	5.49	56	106661	12.306	ug/l	84

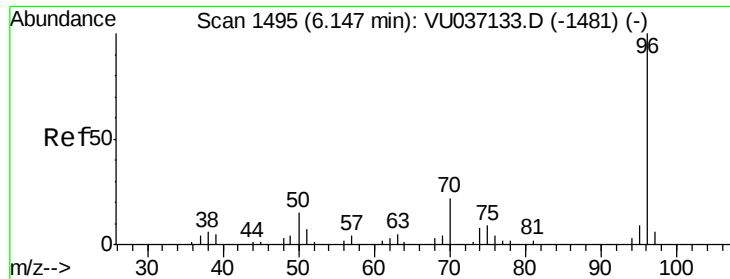
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030920\
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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.95	93	28530	11.223	ug/l	91
44) Bromodichloromethane	7.14	83	76078	12.651	ug/l	98
45) 4-Methyl-2-Pentanone	7.83	43	195064	68.104	ug/l #	86
46) t-1,4-Dichloro-2-butene	10.85	75	67223	53.294	ug/l #	67
47) Methyl methacrylate	7.00	69	51996	20.872	ug/l #	67
48) Ethyl methacrylate	8.36	69	50132	10.418	ug/l	70
49) Toluene	8.00	92	131870	10.664	ug/l	100
50) t-1,3-Dichloropropene	8.24	75	69911	11.667	ug/l	99
51) cis-1,3-Dichloropropene	7.64	75	78700	10.837	ug/l #	78
52) 1,1,2-Trichloroethane	8.43	97	38619	10.707	ug/l	97
53) 1,3-Dichloropropane	8.60	76	68645	11.103	ug/l	98
54) 2-Hexanone	8.71	43	138916	69.158	ug/l	85
55) Dibromochloromethane	8.84	129	49242	11.858	ug/l	99
56) 1,2-Dibromoethane	8.95	107	38979	11.223	ug/l	96
58) Tetrachloroethene	8.58	164	50233	9.397	ug/l	96
59) Chlorobenzene	9.47	112	140404	10.193	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.56	131	52801	12.002	ug/l	94
61) Pentachloroethane	11.45	117	40005	14.095	ug/l	94
62) Hexachloroethane	12.49	117	43131	11.924	ug/l	82
63) Ethyl Benzene	9.59	91	254729	11.034	ug/l	96
64) m/p-Xylenes	9.71	106	197073	21.567	ug/l	90
65) o-Xylene	10.12	106	93264	10.540	ug/l	89
66) Styrene	10.13	104	159259	10.748	ug/l	95
67) Bromoform	10.31	173	27228	11.451	ug/l #	96
69) Isopropylbenzene	10.50	105	252578	10.866	ug/l	97
70) 1,1,2,2-Tetrachloroethane	10.80	83	51465	11.309	ug/l	95
71) 1,2,3-Trichloropropane	10.85	75	67223	20.703	ug/l	64
72) Bromobenzene	10.80	156	56176	10.031	ug/l	87
73) n-propylbenzene	10.93	120	69405	10.641	ug/l	79
74) 2-Chlorotoluene	11.01	126	60410	10.784	ug/l	86
75) 1,3,5-Trimethylbenzene	11.11	105	223569	11.214	ug/l	95
76) 4-Chlorotoluene	11.11	126	61514	10.628	ug/l	77
77) tert-Butylbenzene	11.44	119	210928	11.165	ug/l	93
78) 1,2,4-Trimethylbenzene	11.48	105	231838	11.278	ug/l	95
79) sec-Butylbenzene	11.66	105	289700	11.053	ug/l	98
80) Nitrobenzene	13.24	77	6094	93.318	ug/l	92
81) p-Isopropyltoluene	11.81	119	238947	10.908	ug/l	95
82) 1,3-Dichlorobenzene	11.76	146	116242	10.375	ug/l	98
83) 1,4-Dichlorobenzene	11.85	146	116762	10.426	ug/l	98
84) n-Butylbenzene	12.22	91	227823	11.245	ug/l	97
85) 1,2-Dichlorobenzene	12.23	146	109486	10.211	ug/l	98
86) 1,2-Dibromo-3-Chloropropan	13.02	75	9665	12.547	ug/l #	76
87) 1,2,4-Trichlorobenzene	13.87	180	62305	9.085	ug/l	97
88) Hexachlorobutadiene	14.05	225	34435	9.161	ug/l	99
89) Naphthalene	14.12	128	113600	9.614	ug/l	99
90) 1,2,3-Trichlorobenzene	14.37	180	59162	9.172	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: VU037133.D

Acq: 09 Mar 2020 14:20

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tot Ion: 96 Resp: 17483

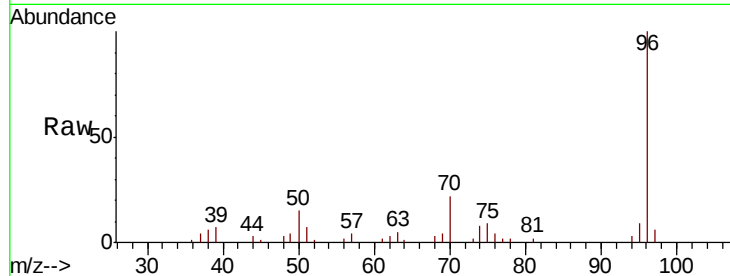
Ion Ratio Lower Upper

96 100

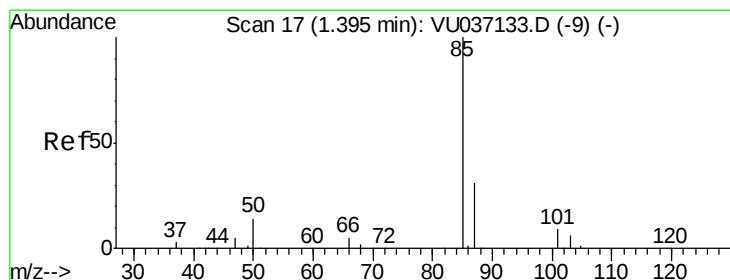
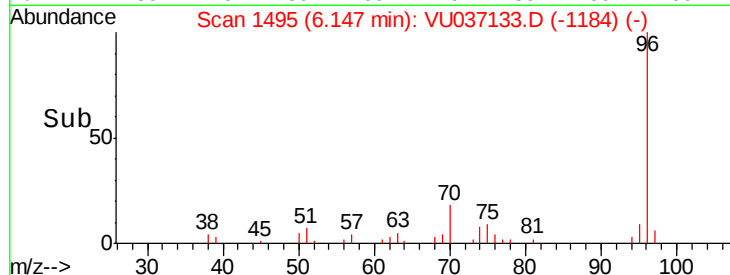
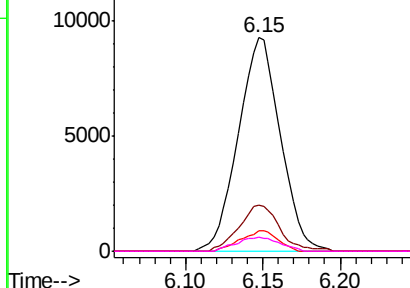
70 20.9 15.6 23.4

95 8.6 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: 14.435 ug/l

RT: 1.39 min Scan# 17

Delta R.T. 0.00 min

Lab File: VU037133.D

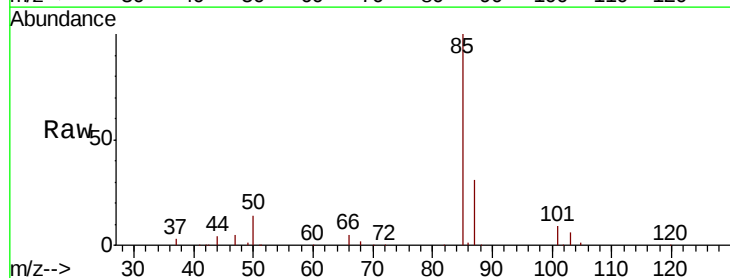
Acq: 09 Mar 2020 14:20

Tgt Ion: 85 Resp: 83420

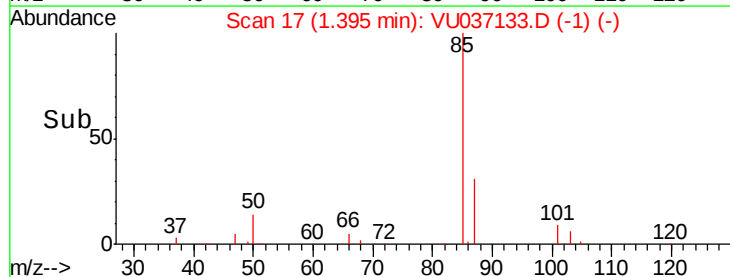
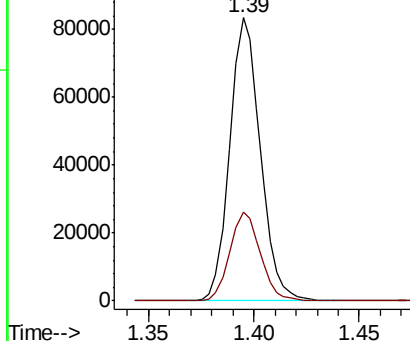
Ion Ratio Lower Upper

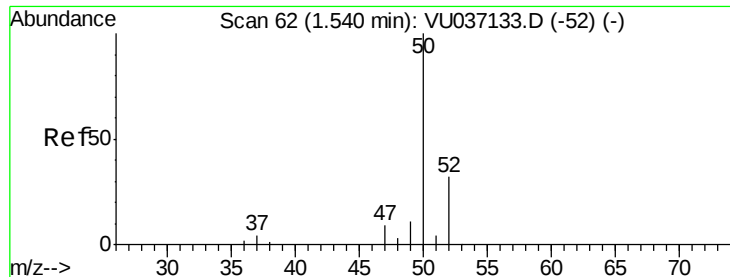
85 100

87 31.2 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: 13.597 ug/l

RT: 1.54 min Scan# 62

Delta R.T. 0.00 min

Lab File: VU037133.D

Acq: 09 Mar 2020 14:20

Instrument :

MSVOA_U

ClientSampleId :

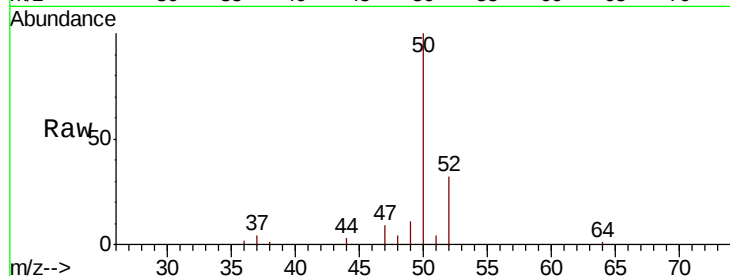
VSTDICCC010

Tot Ion: 50 Resp: 84241

Ion Ratio Lower Upper

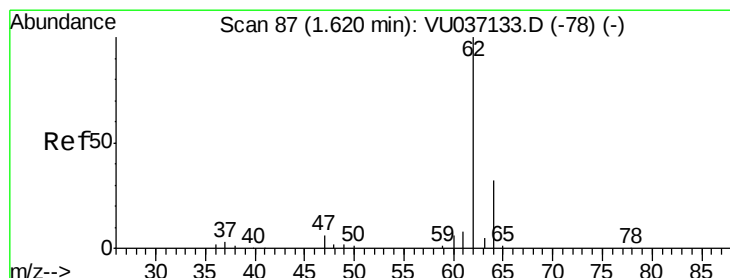
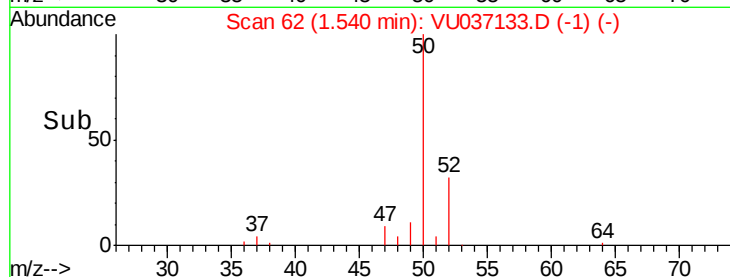
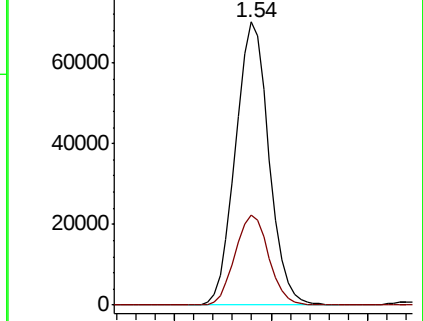
50 100

52 31.8 26.0 39.0



Abundance Ion 50.00 (49.70 to 50.70): VU037133.D (-52) (-)

Ion 52.00 (51.70 to 52.70): VU037133.D (-52) (-)



#4

Vinyl Chloride

Concen: 10.631 ug/l

RT: 1.62 min Scan# 87

Delta R.T. 0.00 min

Lab File: VU037133.D

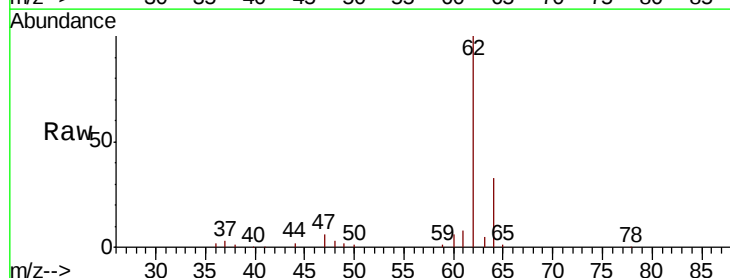
Acq: 09 Mar 2020 14:20

Tgt Ion: 62 Resp: 74604

Ion Ratio Lower Upper

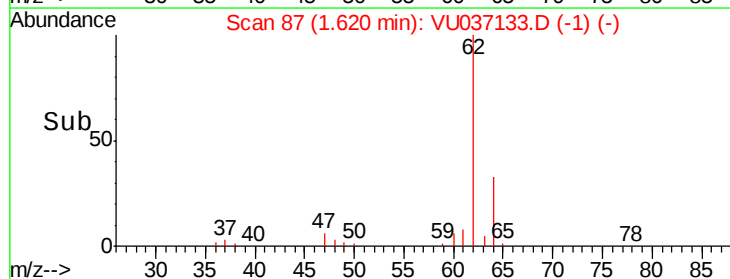
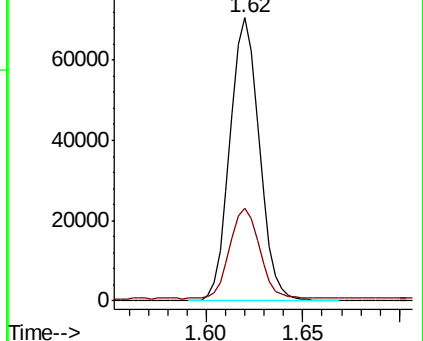
62 100

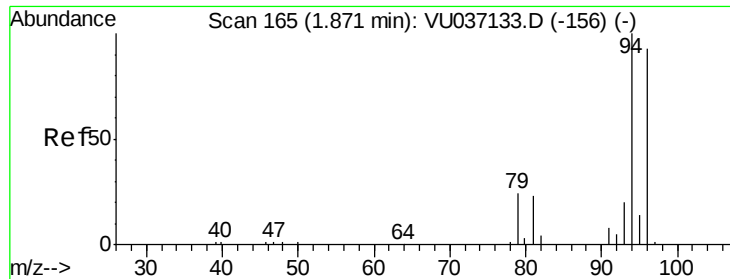
64 32.0 25.4 38.2



Abundance Ion 62.00 (61.70 to 62.70): VU037133.D (-78) (-)

Ion 64.00 (63.70 to 64.70): VU037133.D (-78) (-)

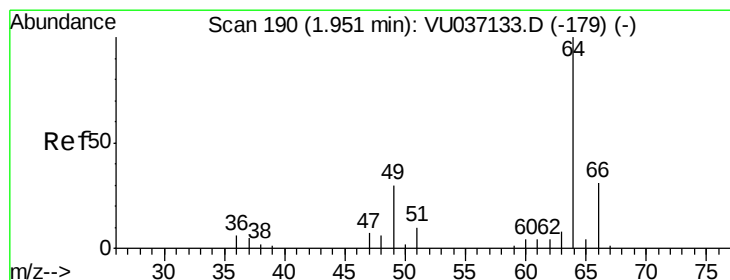
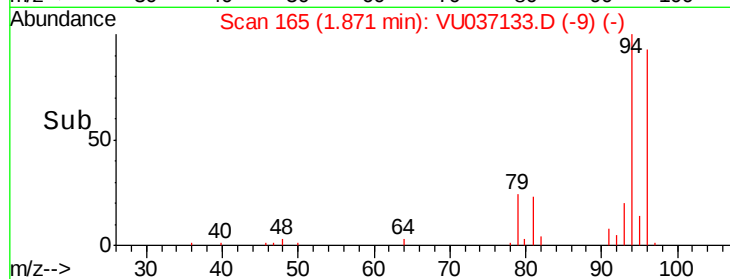
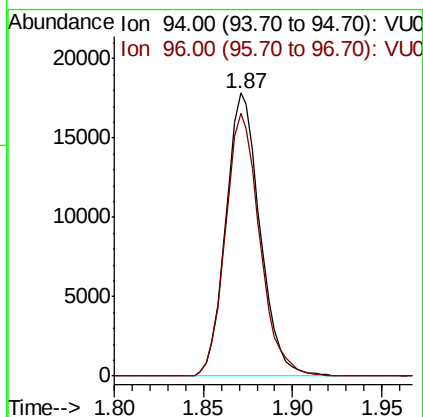
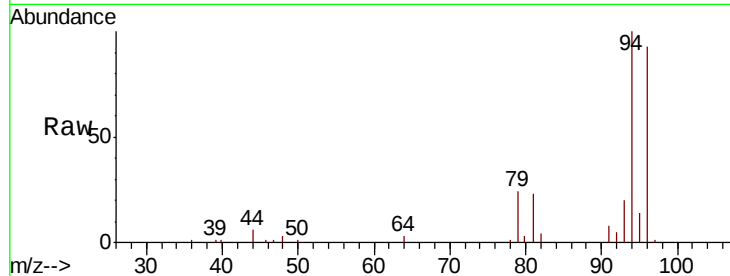




#5
Bromomethane
Concen: 5.447 ug/l
RT: 1.87 min Scan# 165
Delta R.T. 0.00 min
Lab File: VU037133.D
Acq: 09 Mar 2020 14:20

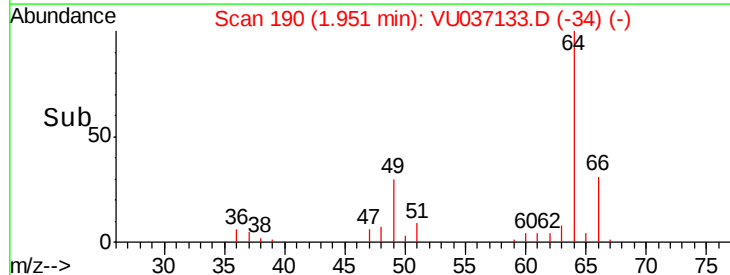
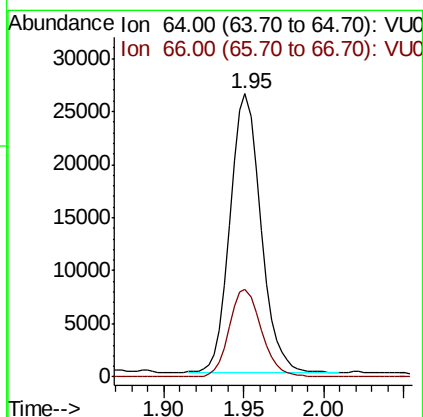
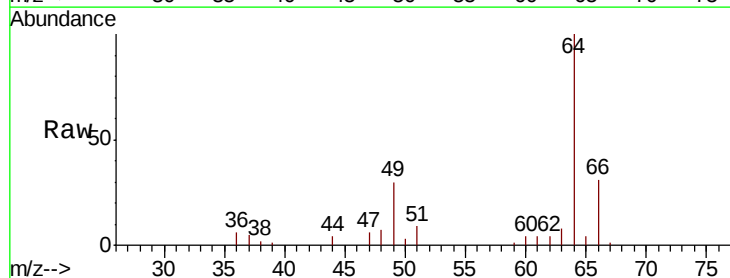
Instrument :
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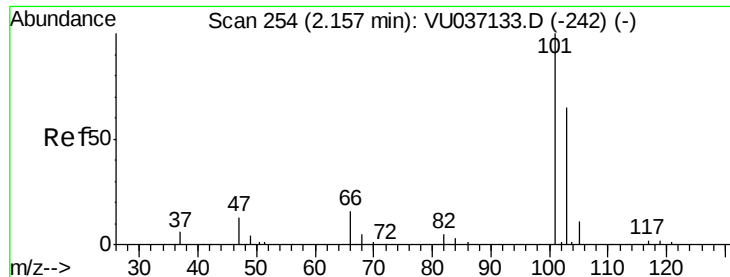
Tot Ion: 94 Resp: 23750
Ion Ratio Lower Upper
94 100
96 92.8 74.6 112.0



#6
Chloroethane
Concen: 8.253 ug/l
RT: 1.95 min Scan# 190
Delta R.T. 0.00 min
Lab File: VU037133.D
Acq: 09 Mar 2020 14:20

Tgt Ion: 64 Resp: 34310
Ion Ratio Lower Upper
64 100
66 31.4 25.5 38.3



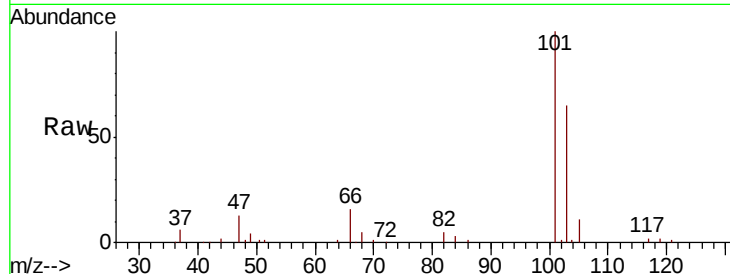


#7

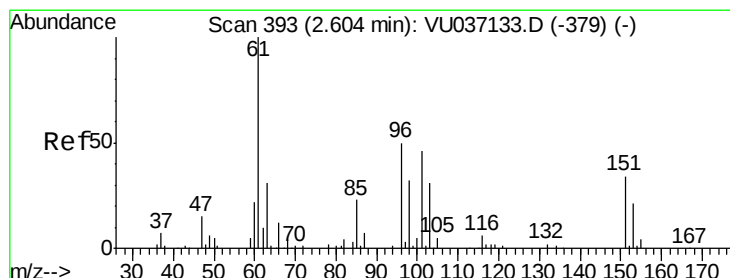
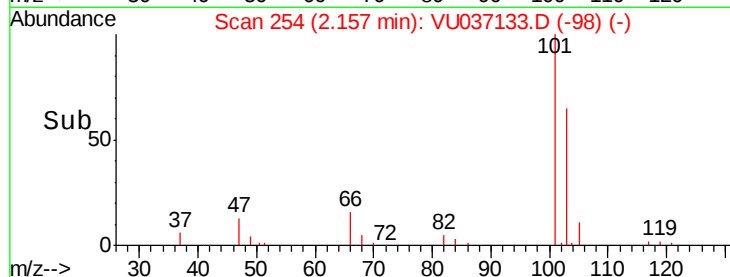
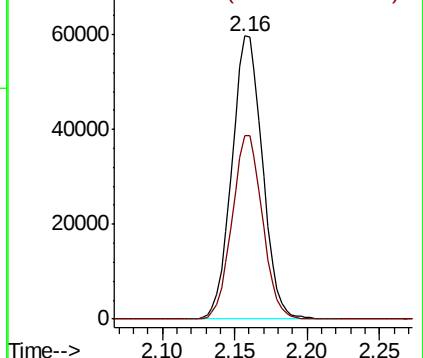
Trichlorofluoromethane
Concen: 12.587 ug/l
RT: 2.16 min Scan# 254
Delta R.T. 0.00 min
Lab File: VU037133.D
Acq: 09 Mar 2020 14:20

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tot Ion:101 Resp: 87271
Ion Ratio Lower Upper
101 100
103 64.8 53.0 79.6



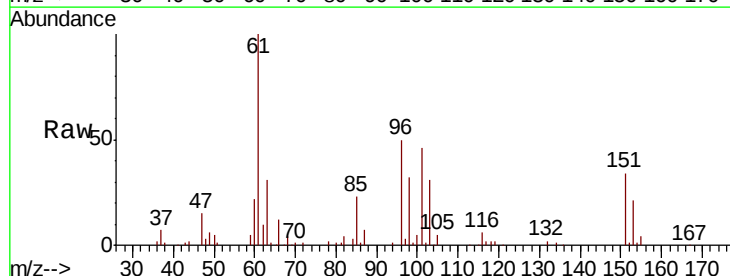
Abundance Ion 101.00 (100.70 to 101.70): V
Ion 103.00 (102.70 to 103.70): V



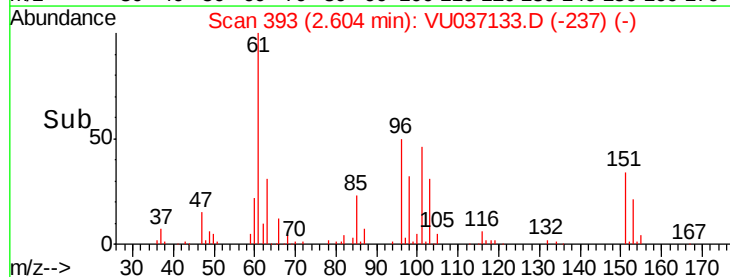
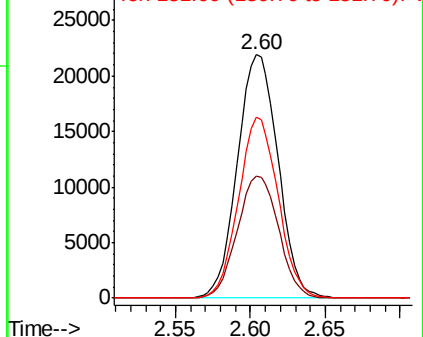
#8

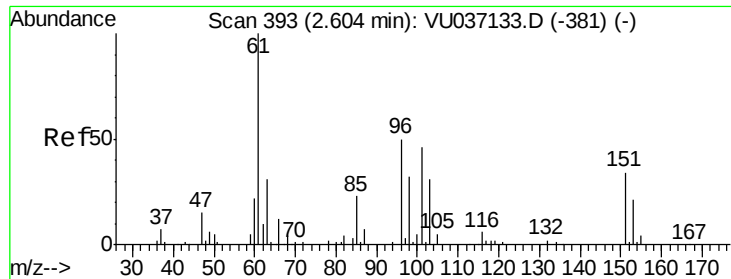
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 9.614 ug/l
RT: 2.60 min Scan# 393
Delta R.T. 0.00 min
Lab File: VU037133.D
Acq: 09 Mar 2020 14:20

Tgt Ion:101 Resp: 41525
Ion Ratio Lower Upper
101 100
85 50.7 33.9 50.9
151 72.2 59.8 89.8



Abundance Ion 101.00 (100.70 to 101.70): V
Ion 85.00 (84.70 to 85.70): VU
Ion 151.00 (150.70 to 151.70): V





#9

1,1-Dichloroethene

Concen: 8.505 ug/l

RT: 2.60 min Scan# 393

Delta R.T. 0.00 min

Lab File: VU037133.D

Acq: 09 Mar 2020 14:20

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

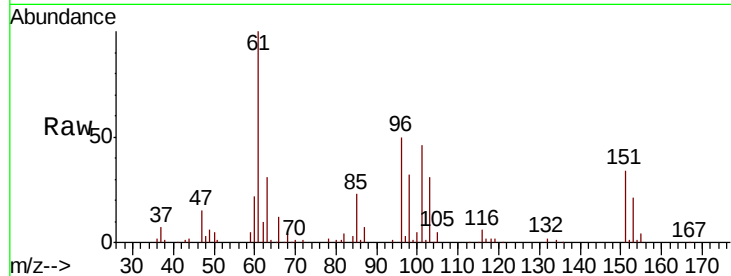
Tot Ion: 96 Resp: 39101

Ion Ratio Lower Upper

96 100

61 199.0 0.0 463.2

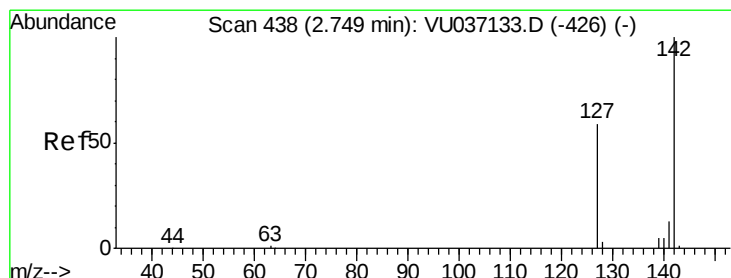
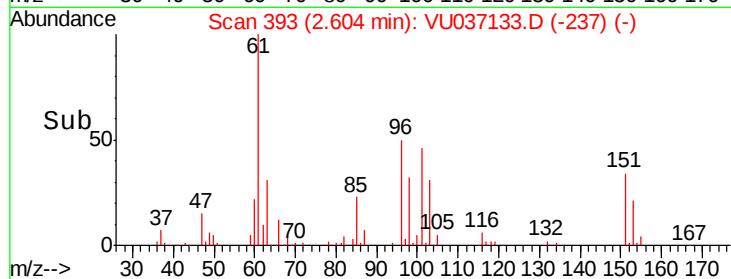
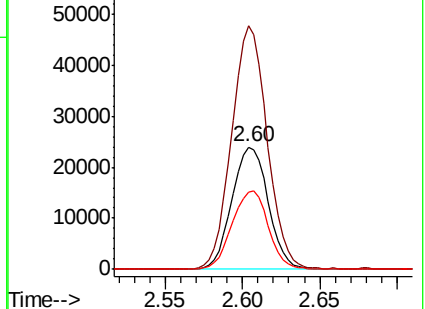
98 62.7 0.0 130.0



Abundance Ion 96.00 (95.70 to 96.70): VU037133.D (-381) (-)

Ion 61.00 (60.70 to 61.70): VU037133.D (-381) (-)

Ion 98.00 (97.70 to 98.70): VU037133.D (-381) (-)



#10

Iodomethane

Concen: 4.437 ug/l

RT: 2.75 min Scan# 438

Delta R.T. 0.00 min

Lab File: VU037133.D

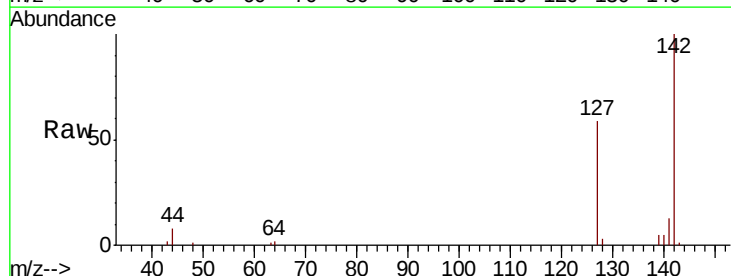
Acq: 09 Mar 2020 14:20

Tgt Ion: 142 Resp: 21883

Ion Ratio Lower Upper

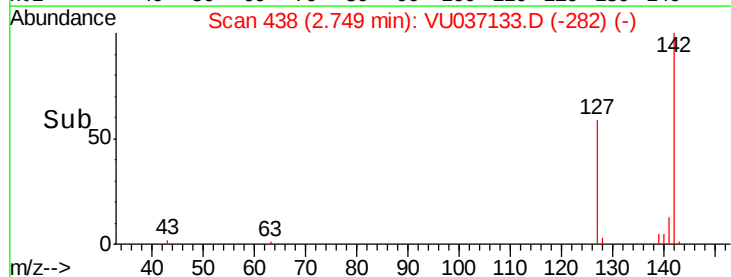
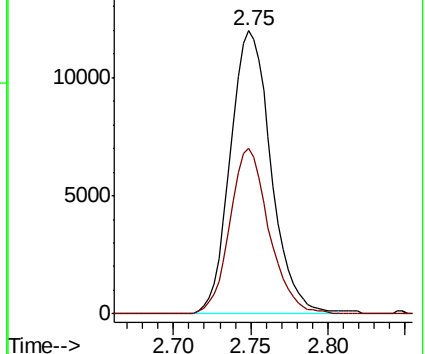
142 100

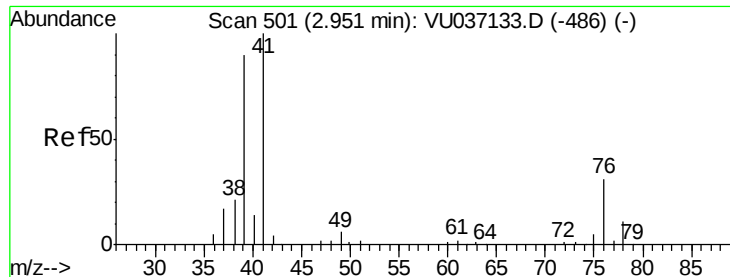
127 56.1 30.3 45.5#



Abundance Ion 142.00 (141.70 to 142.70): VU037133.D (-426) (-)

Ion 127.00 (126.70 to 127.70): VU037133.D (-426) (-)

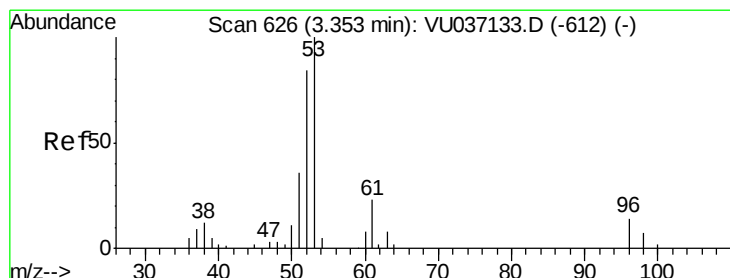
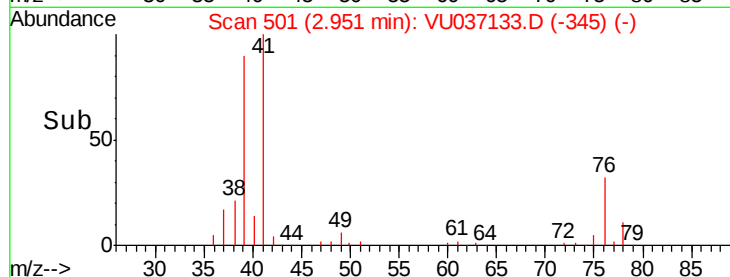
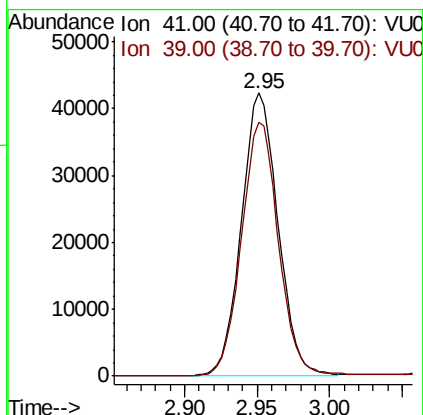
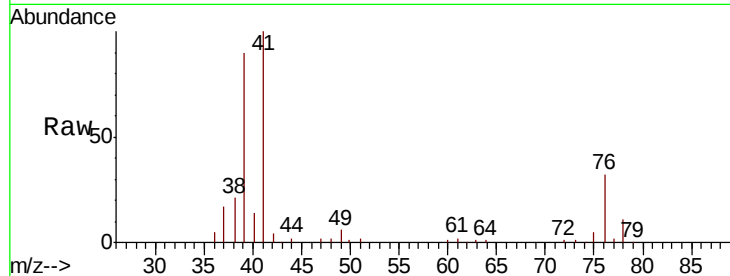




#11
Allvl Chloride
Concen: 11.725 ug/l
RT: 2.95 min Scan# 501
Delta R.T. 0.00 min
Lab File: VU037133.D
Acq: 09 Mar 2020 14:20

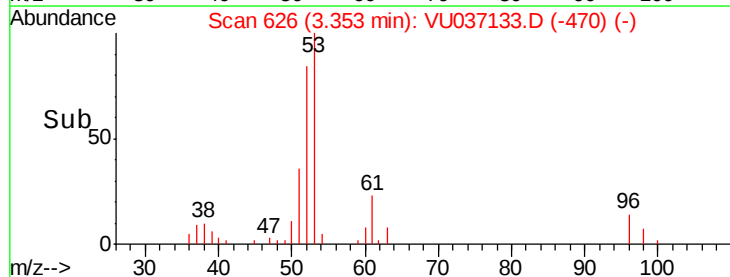
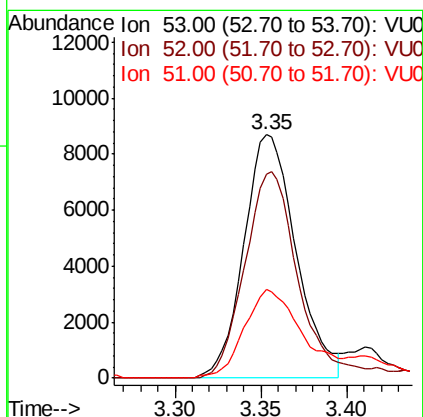
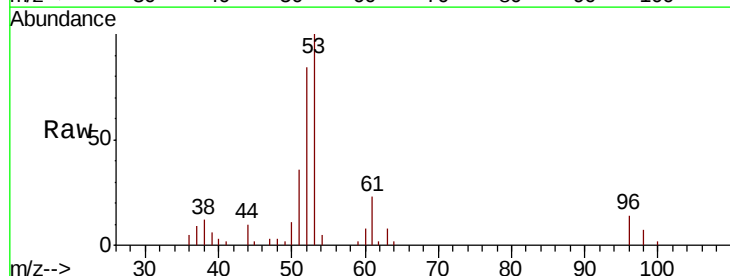
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

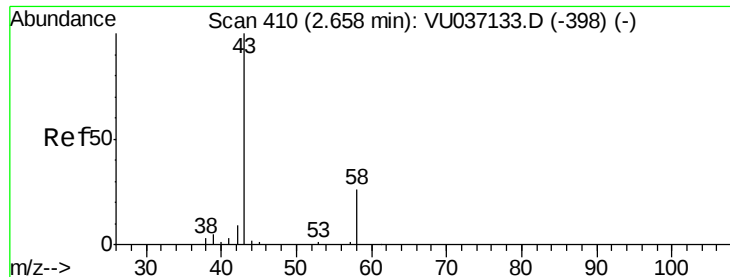
Tot Ion: 41 Resp: 74531
Ion Ratio Lower Upper
41 100
39 91.0 50.7 76.1#



#12
Acrylonitrile
Concen: 16.274 ug/l
RT: 3.35 min Scan# 626
Delta R.T. 0.00 min
Lab File: VU037133.D
Acq: 09 Mar 2020 14:20

Tgt Ion: 53 Resp: 18351
Ion Ratio Lower Upper
53 100
52 86.2 64.6 97.0
51 40.9 27.2 40.8#





#13

Acetone

Concen: 49.587 ug/l

RT: 2.66 min Scan# 410

Delta R.T. 0.00 min

Lab File: VU037133.D

Acq: 09 Mar 2020 14:20

Instrument :

MSVOA_U

ClientSampleId :

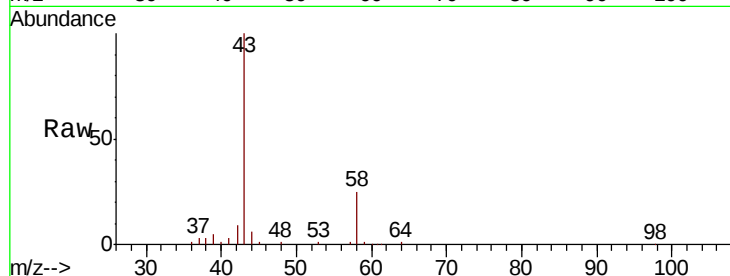
VSTDICCC010

Tot Ion: 43 Resp: 45582

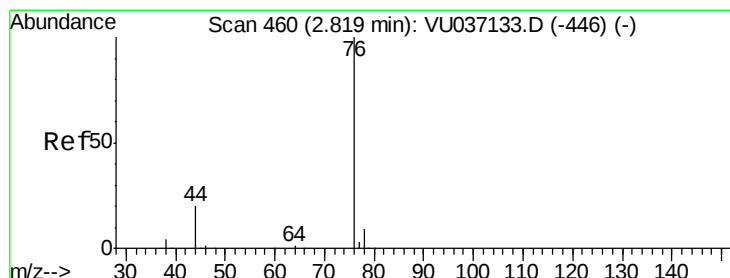
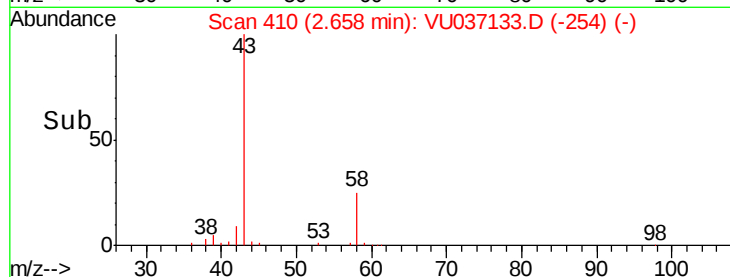
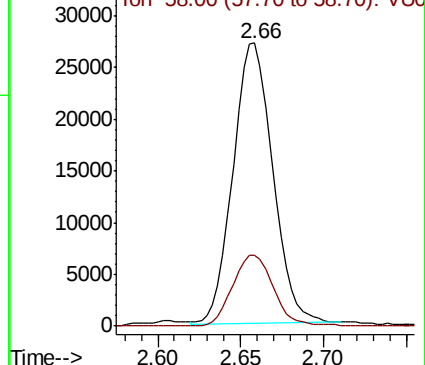
Ion Ratio Lower Upper

43 100

58 25.6 30.8 46.2#



Abundance Ion 43.00 (42.70 to 43.70): VU037133.D (-398) (-)



#14

Carbon Disulfide

Concen: 8.207 ug/l

RT: 2.82 min Scan# 460

Delta R.T. 0.00 min

Lab File: VU037133.D

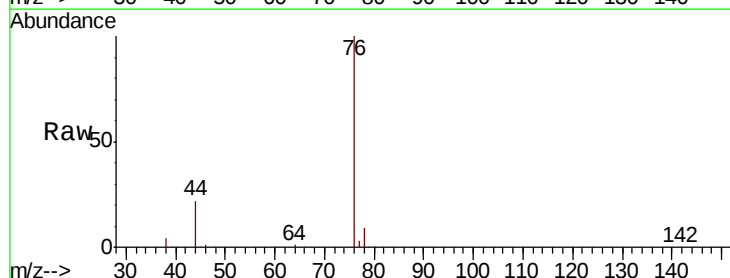
Acq: 09 Mar 2020 14:20

Tgt Ion: 76 Resp: 130668

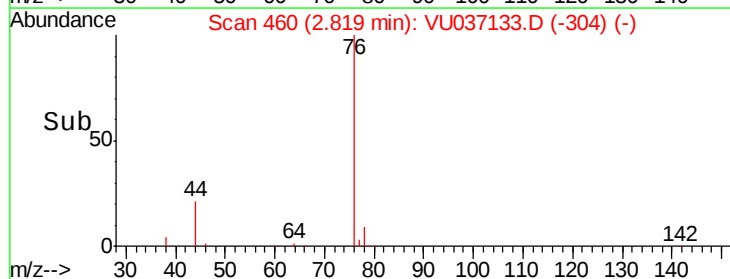
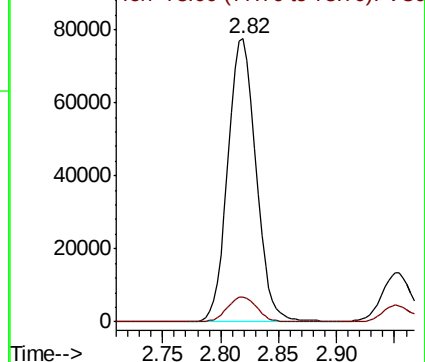
Ion Ratio Lower Upper

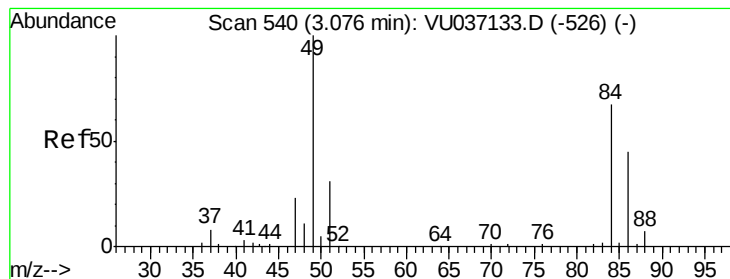
76 100

78 9.0 7.4 11.0



Abundance Ion 76.00 (75.70 to 76.70): VU037133.D (-446) (-)





#15

Methylene Chloride

Concen: 7.132 ug/l

RT: 3.08 min Scan# 540

Delta R.T. 0.00 min

Lab File: VU037133.D

Acq: 09 Mar 2020 14:20

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tot Ion: 84 Resp: 43187

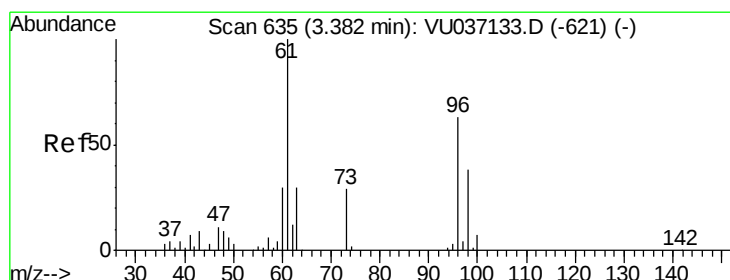
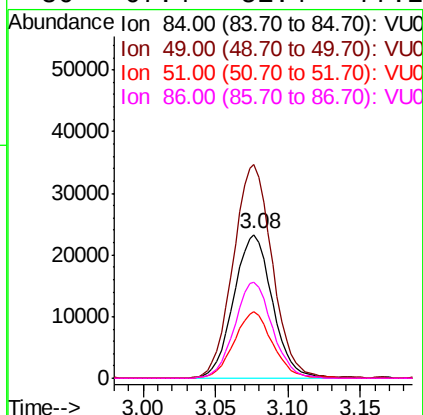
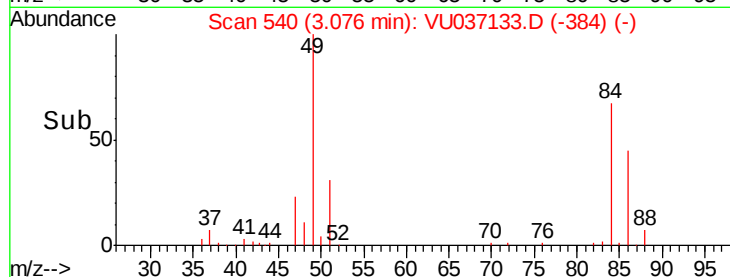
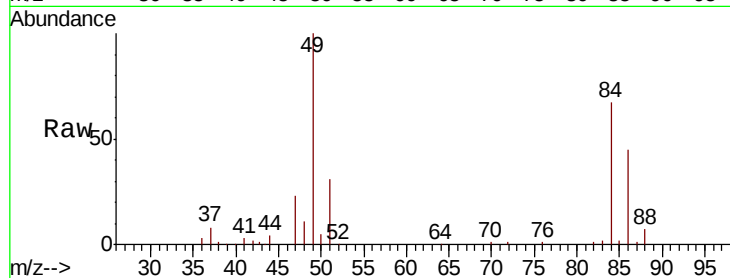
Ion Ratio Lower Upper

84 100

49 148.9 89.7 134.5#

51 46.1 0.0 71.6

86 67.4 51.4 77.2



#16

trans-1,2-Dichloroethene

Concen: 8.195 ug/l

RT: 3.38 min Scan# 635

Delta R.T. 0.00 min

Lab File: VU037133.D

Acq: 09 Mar 2020 14:20

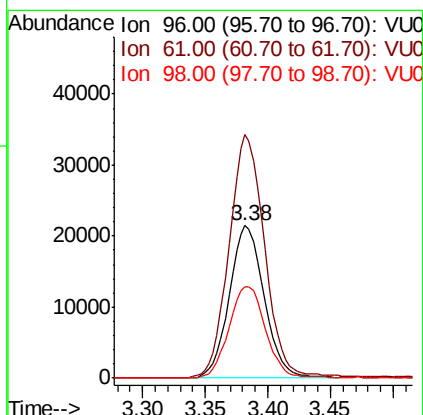
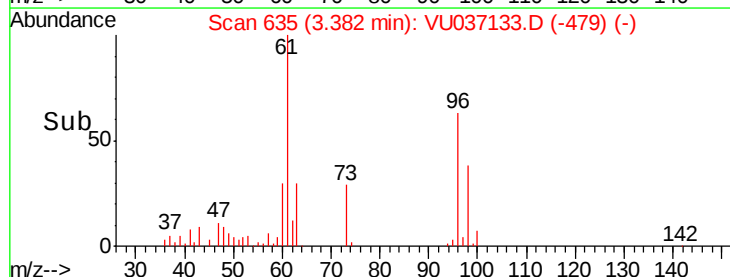
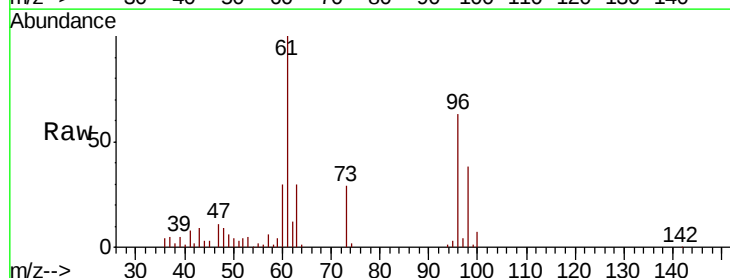
Tgt Ion: 96 Resp: 41559

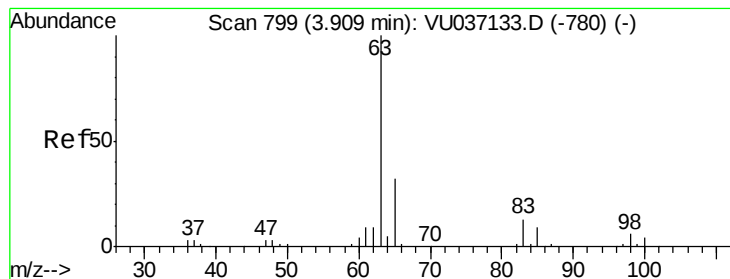
Ion Ratio Lower Upper

96 100

61 159.7 110.8 166.2

98 60.1 50.3 75.5





#17

1,1-Dichloroethane

Concen: 11.489 ug/l

RT: 3.91 min Scan# 799

Delta R.T. 0.00 min

Lab File: VU037133.D

Acq: 09 Mar 2020 14:20

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

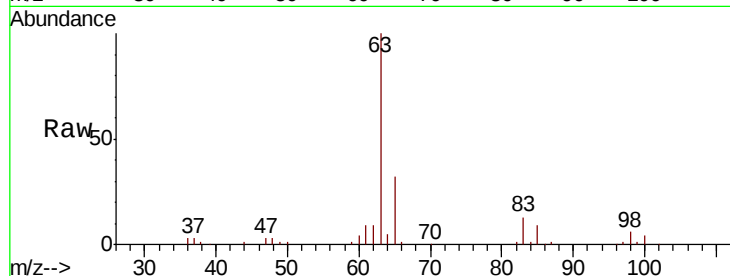
Tot Ion: 63 Resp: 94955

Ion Ratio Lower Upper

63 100

98 6.1 3.5 10.5

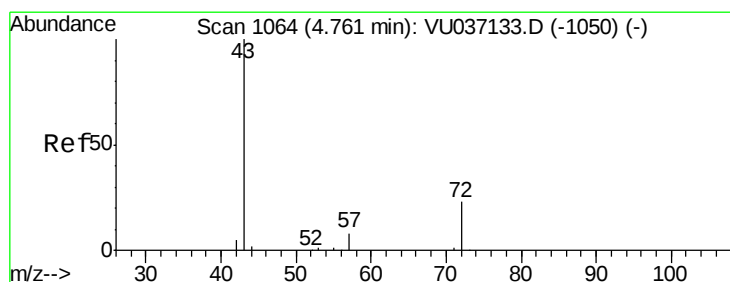
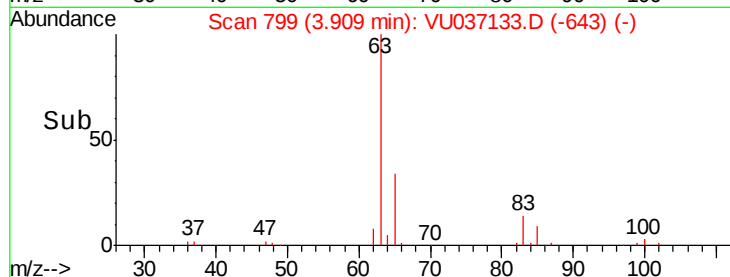
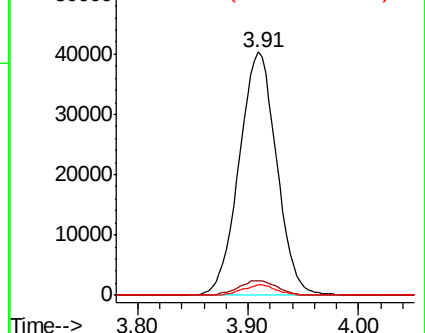
100 4.2 2.4 7.1



Abundance Ion 63.00 (62.70 to 63.70): VU037133.D (-780) (-)

Ion 98.00 (97.70 to 98.70): VU037133.D (-780) (-)

Ion 100.00 (99.70 to 100.70): VU037133.D (-780) (-)



#18

2-Butanone

Concen: 61.840 ug/l

RT: 4.76 min Scan# 1064

Delta R.T. 0.00 min

Lab File: VU037133.D

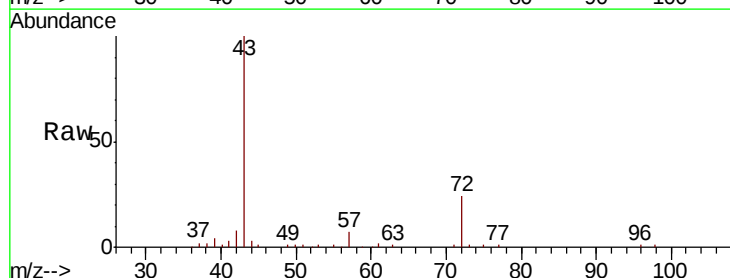
Acq: 09 Mar 2020 14:20

Tgt Ion: 43 Resp: 74866

Ion Ratio Lower Upper

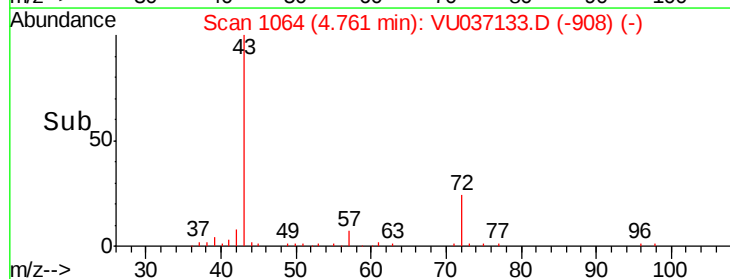
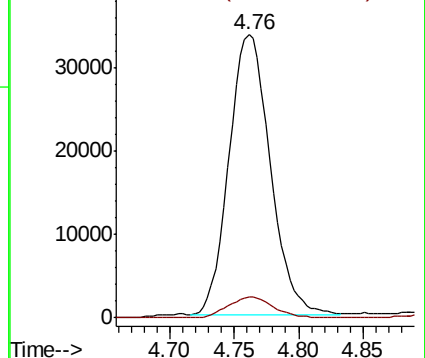
43 100

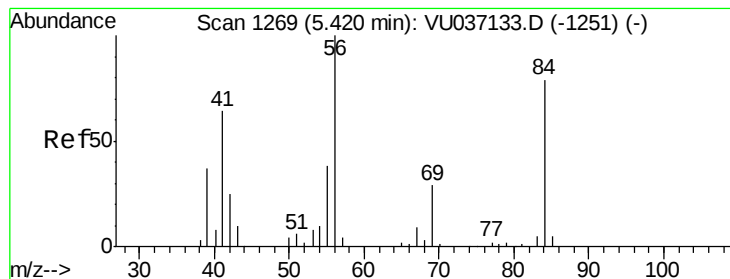
57 7.5 0.0 17.8



Abundance Ion 43.00 (42.70 to 43.70): VU037133.D (-1050) (-)

Ion 57.00 (56.70 to 57.70): VU037133.D (-1050) (-)





#19

Cyclohexane

Concen: 10.374 ug/l

RT: 5.42 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VU037133.D

Acq: 09 Mar 2020 14:20

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

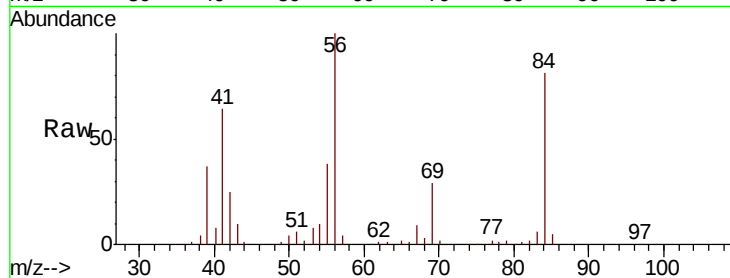
Tot Ion: 56 Resp: 78361

Ion Ratio Lower Upper

56 100

69 31.7 26.2 39.2

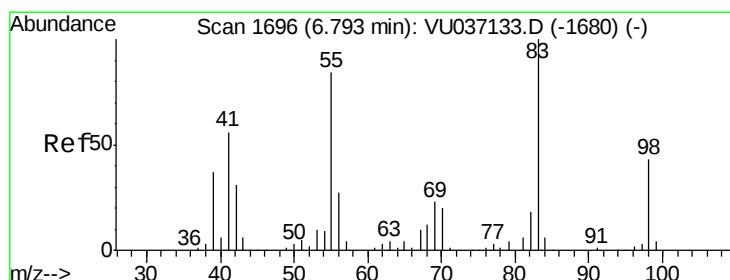
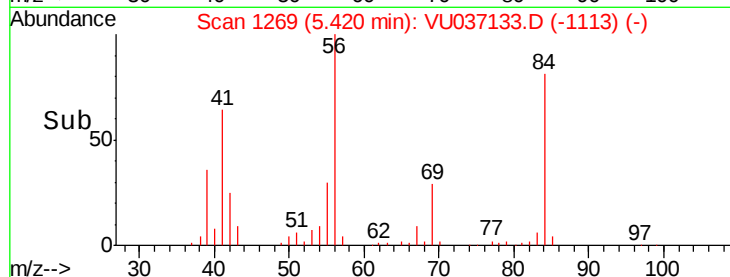
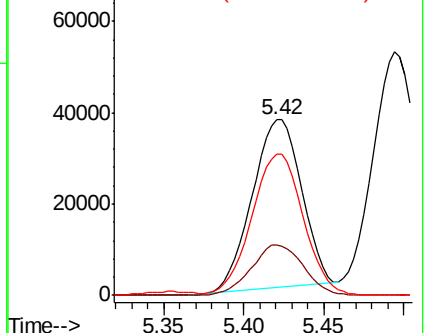
84 86.1 72.8 109.2



Abundance Ion 56.00 (55.70 to 56.70): VU037133.D (-1251) (-)

Ion 69.00 (68.70 to 69.70): VU037133.D (-1251) (-)

Ion 84.00 (83.70 to 84.70): VU037133.D (-1251) (-)



#20

Methylcyclohexane

Concen: 10.087 ug/l

RT: 6.79 min Scan# 1696

Delta R.T. 0.00 min

Lab File: VU037133.D

Acq: 09 Mar 2020 14:20

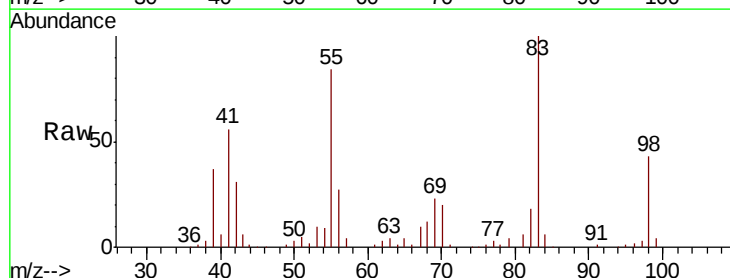
Tgt Ion: 83 Resp: 85071

Ion Ratio Lower Upper

83 100

55 85.4 56.6 85.0#

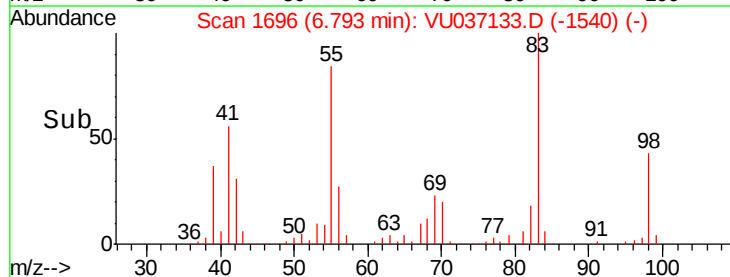
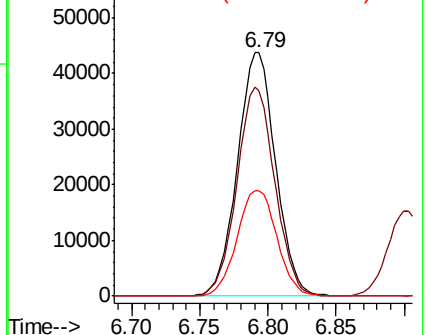
98 45.3 37.5 56.3

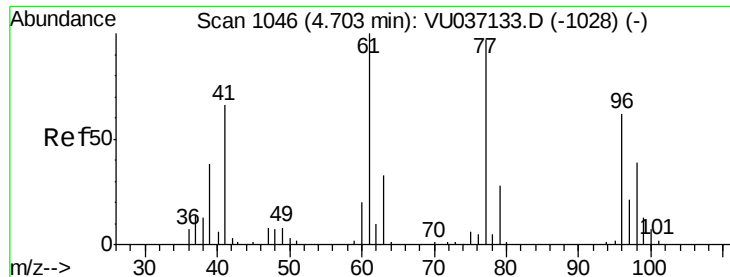


Abundance Ion 83.00 (82.70 to 83.70): VU037133.D (-1680) (-)

Ion 55.00 (54.70 to 55.70): VU037133.D (-1680) (-)

Ion 98.00 (97.70 to 98.70): VU037133.D (-1680) (-)





#21

2,2-Dichloropropane

Concen: 12.213 ug/l

RT: 4.70 min Scan# 1046

Delta R.T. 0.00 min

Lab File: VU037133.D

Acq: 09 Mar 2020 14:20

Instrument :

MSVOA_U

ClientSampleId :

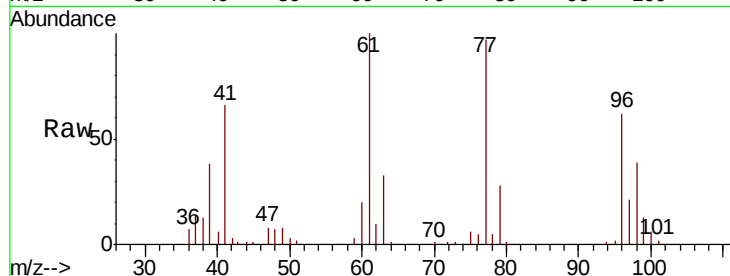
VSTDICCC010

Tot Ion: 77 Resp: 86168

Ion Ratio Lower Upper

77 100

97 21.2 19.0 28.4



Abundance Ion 77.00 (76.70 to 77.70): VU037133.D (-1028) (-)

Ion 97.00 (96.70 to 97.70): VU037133.D (-1028) (-)

4.70

40000

30000

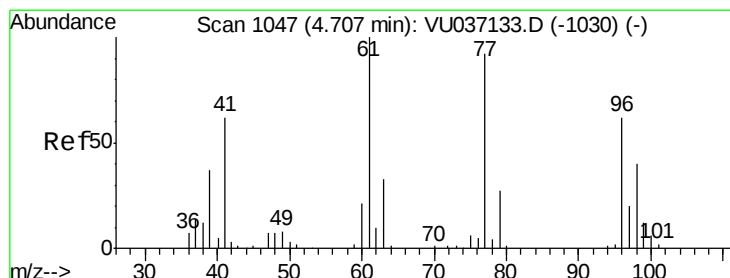
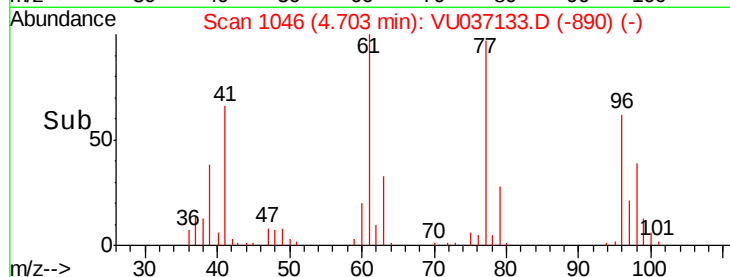
20000

10000

0

4.60 4.70 4.80

Time-->



#22

cis-1,2-Dichloroethene

Concen: 9.925 ug/l

RT: 4.71 min Scan# 1047

Delta R.T. 0.00 min

Lab File: VU037133.D

Acq: 09 Mar 2020 14:20

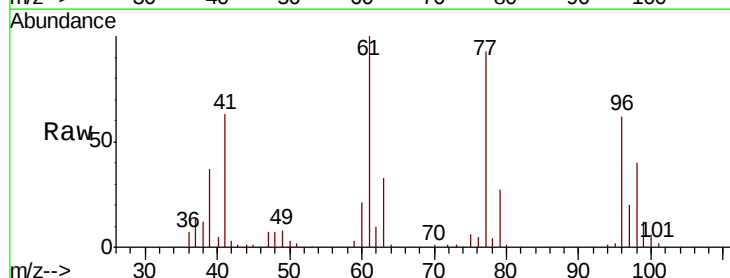
Tgt Ion: 96 Resp: 52225

Ion Ratio Lower Upper

96 100

61 166.1 0.0 342.0

98 65.1 32.0 96.0



Abundance Ion 96.00 (95.70 to 96.70): VU037133.D (-1030) (-)

Ion 61.00 (60.70 to 61.70): VU037133.D (-1030) (-)

Ion 98.00 (97.70 to 98.70): VU037133.D (-1030) (-)

4.71

50000

40000

30000

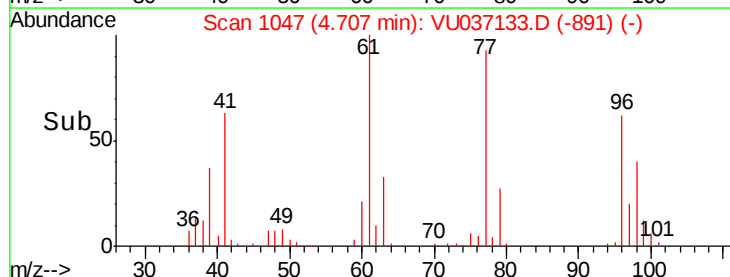
20000

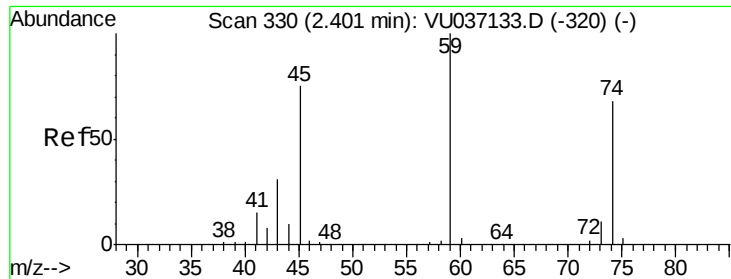
10000

0

4.60 4.65 4.70 4.75 4.80

Time-->

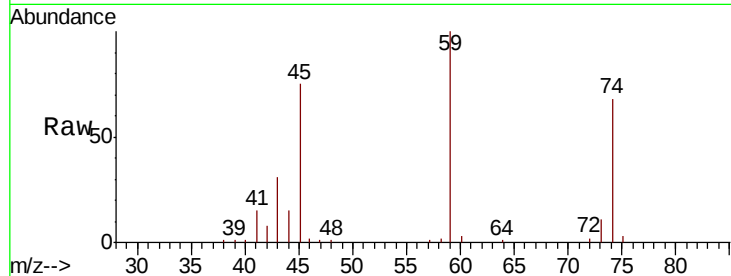




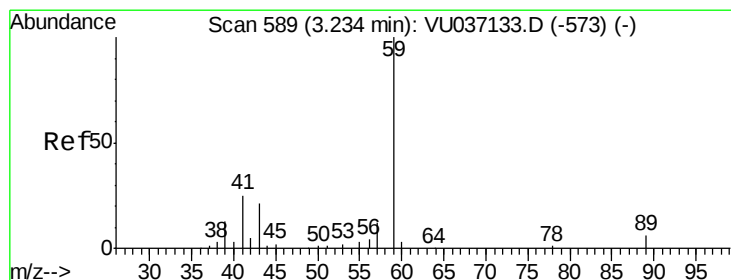
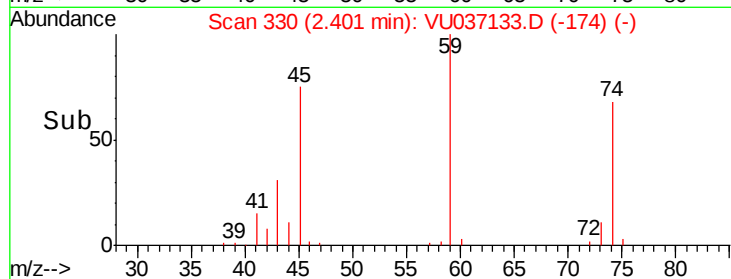
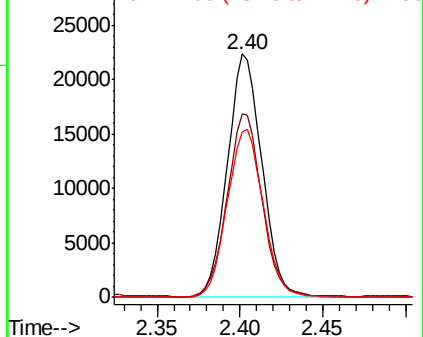
#23
Diethyl Ether
Concen: 9.126 ug/l
RT: 2.40 min Scan# 330
Delta R.T. 0.00 min
Lab File: VU037133.D
Acq: 09 Mar 2020 14:20

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tot Ion: 59 Resp: 32409
Ion Ratio Lower Upper
59 100
45 76.0 52.4 78.6
74 71.8 62.1 93.1

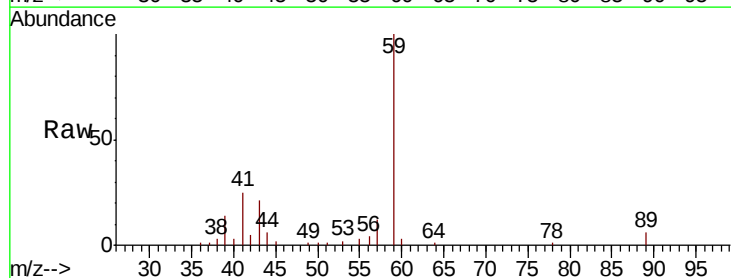


Abundance Ion 59.00 (58.70 to 59.70): VU0
Ion 45.00 (44.70 to 45.70): VU0
Ion 74.00 (73.70 to 74.70): VU0

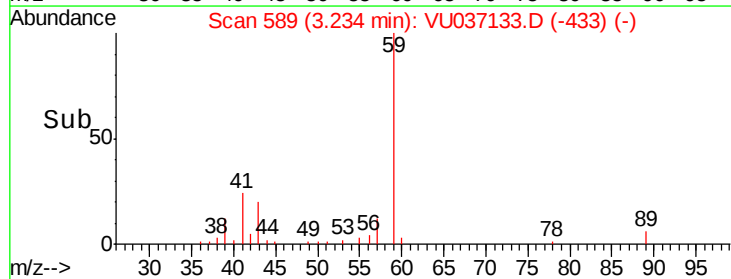
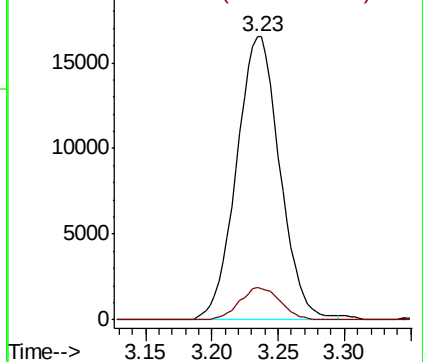


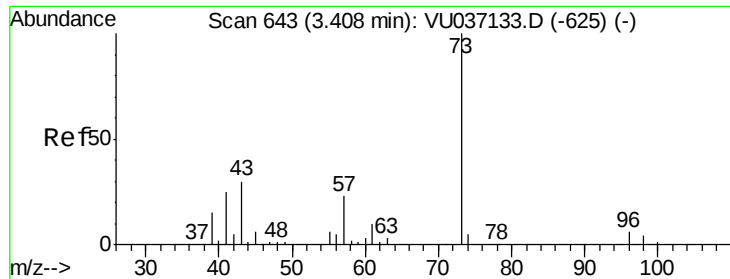
#24
tert-Butyl Alcohol
Concen: 118.332 ug/l
RT: 3.23 min Scan# 589
Delta R.T. 0.00 min
Lab File: VU037133.D
Acq: 09 Mar 2020 14:20

Tgt Ion: 59 Resp: 37558
Ion Ratio Lower Upper
59 100
57 10.9 8.4 12.6



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



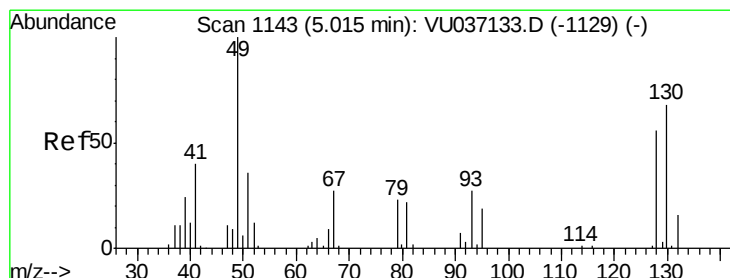
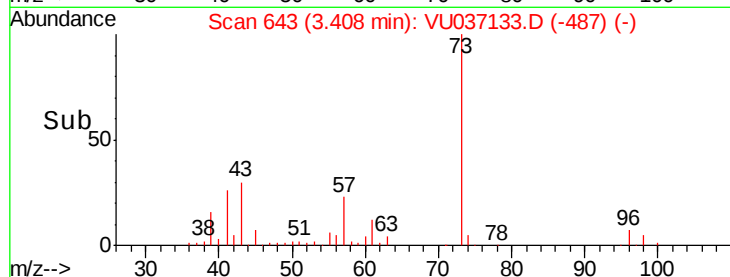
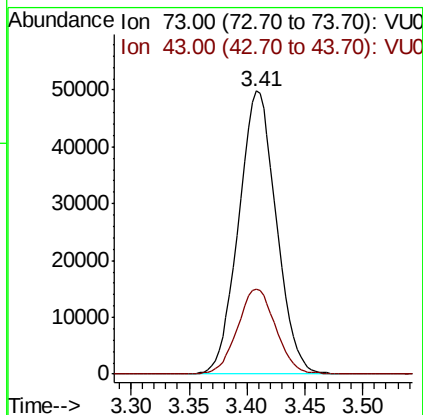
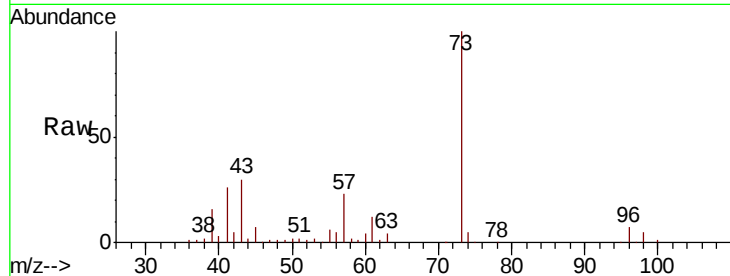


#25

Methyl tert-Butyl Ether
 Concen: 9.360 ug/l
 RT: 3.41 min Scan# 643
 Delta R.T. 0.00 min
 Lab File: VU037133.D
 Acq: 09 Mar 2020 14:20

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

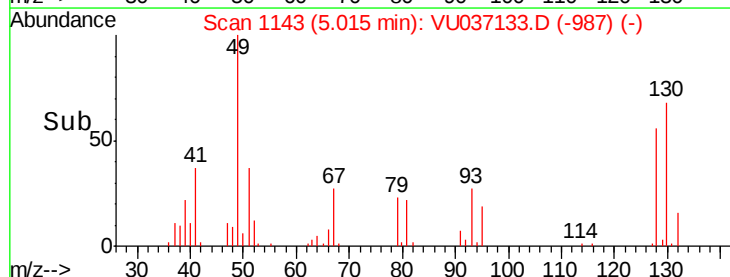
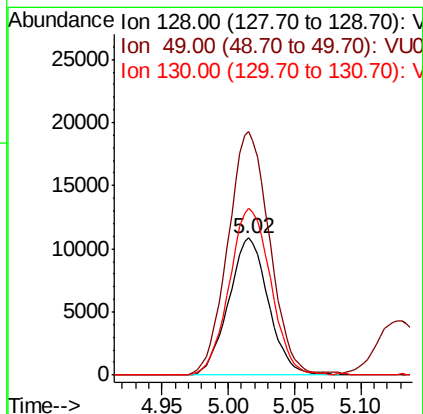
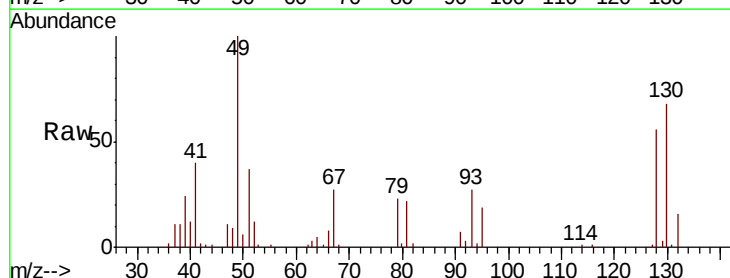
Tot Ion: 73 Resp: 112757
 Ion Ratio Lower Upper
 73 100
 43 30.8 14.5 21.7#

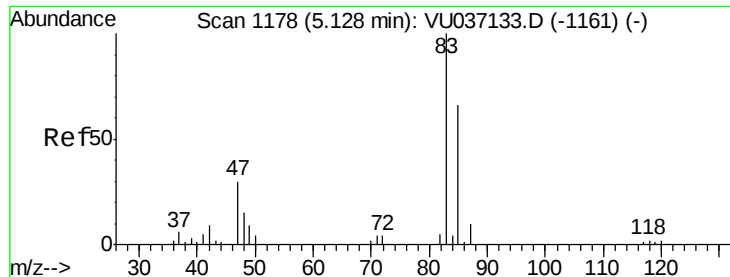


#26

Bromochloromethane
 Concen: 9.958 ug/l
 RT: 5.02 min Scan# 1143
 Delta R.T. 0.00 min
 Lab File: VU037133.D
 Acq: 09 Mar 2020 14:20

Tgt Ion: 128 Resp: 22693
 Ion Ratio Lower Upper
 128 100
 49 185.3 0.0 286.2
 130 126.4 104.3 156.5

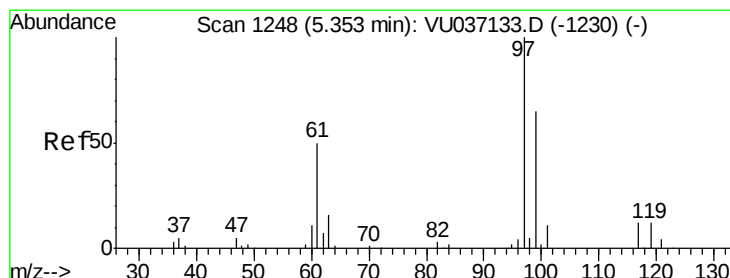
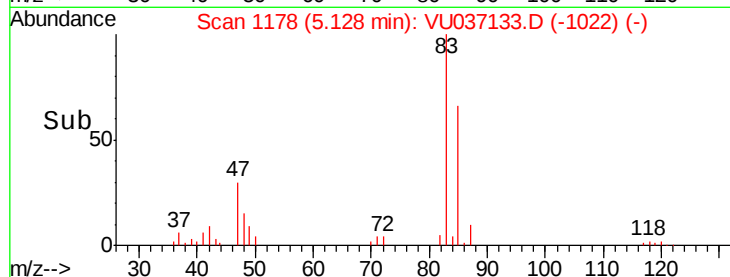
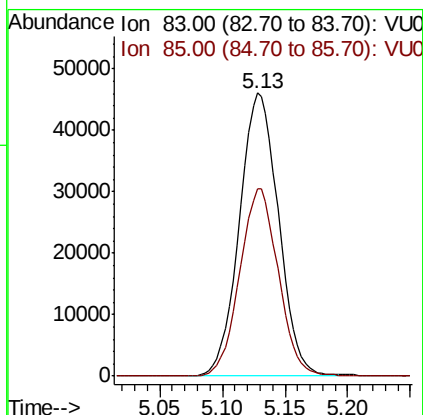
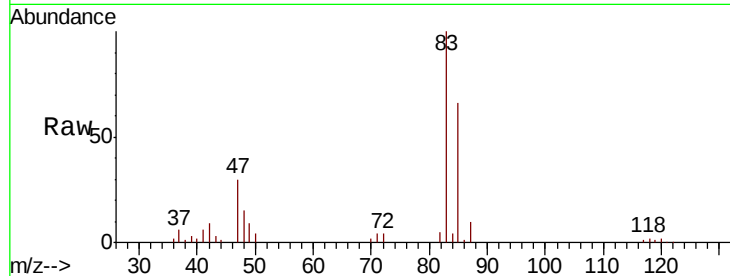




#27
Chloroform
Concen: 12.176 ug/l
RT: 5.13 min Scan# 1178
Delta R.T. 0.00 min
Lab File: VU037133.D
Acq: 09 Mar 2020 14:20

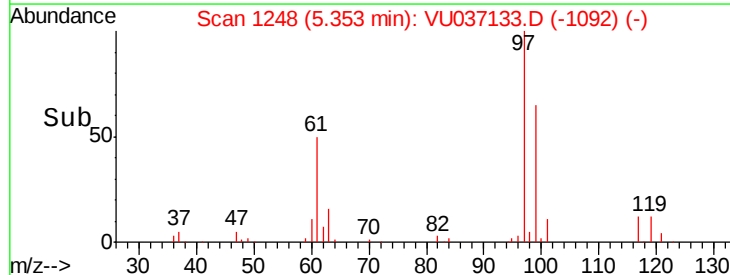
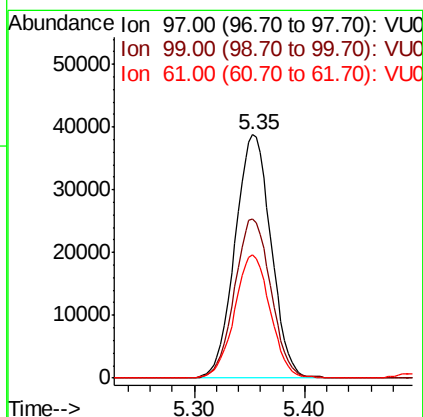
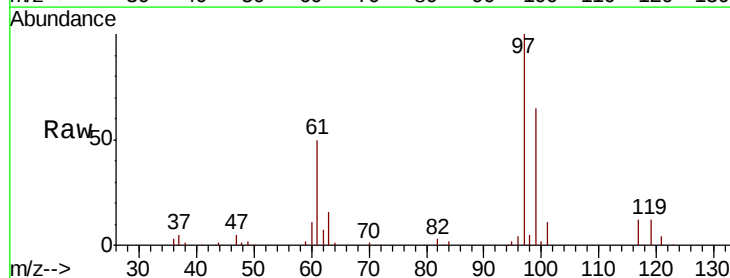
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

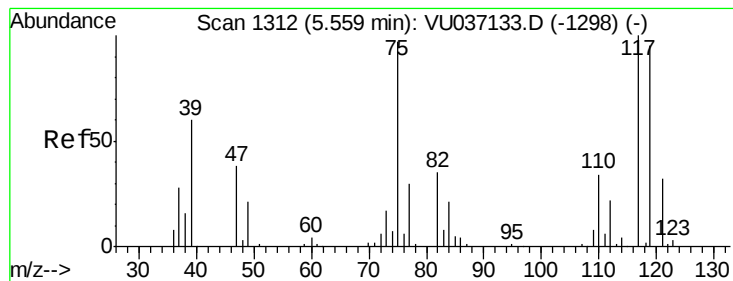
Tot Ion: 83 Resp: 99534
Ion Ratio Lower Upper
83 100
85 66.2 0.0 129.0



#28
1,1,1-Trichloroethane
Concen: 12.796 ug/l
RT: 5.35 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VU037133.D
Acq: 09 Mar 2020 14:20

Tgt Ion: 97 Resp: 87711
Ion Ratio Lower Upper
97 100
99 66.0 32.1 96.3
61 50.3 22.7 68.0





#29

1,1-Dichloropropene

Concen: 10.867 ug/l

RT: 5.56 min Scan# 1312

Delta R.T. 0.00 min

Lab File: VU037133.D

Acq: 09 Mar 2020 14:20

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

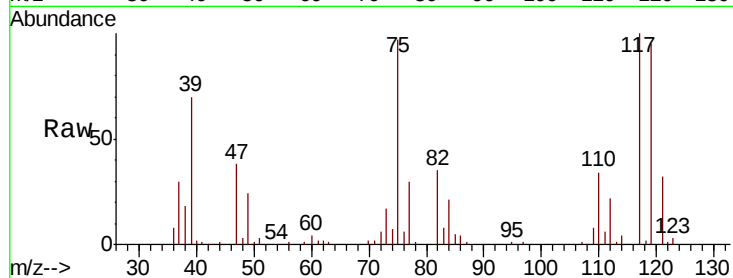
Tot Ion: 75 Resp: 72701

Ion Ratio Lower Upper

75 100

110 33.8 18.6 55.8

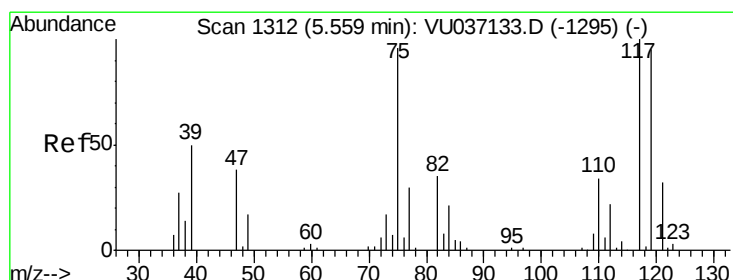
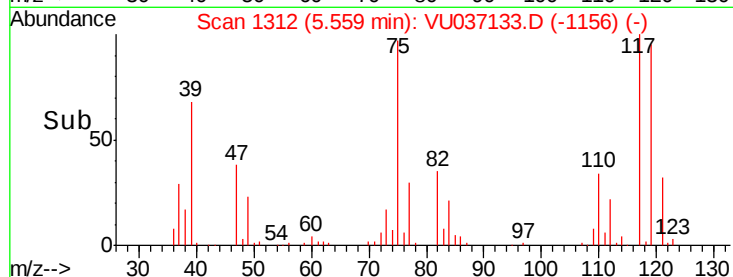
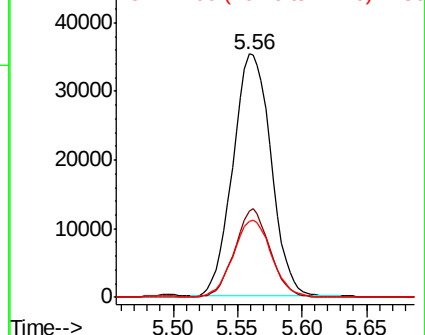
77 32.3 25.0 37.4



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: 13.494 ug/l

RT: 5.56 min Scan# 1312

Delta R.T. 0.00 min

Lab File: VU037133.D

Acq: 09 Mar 2020 14:20

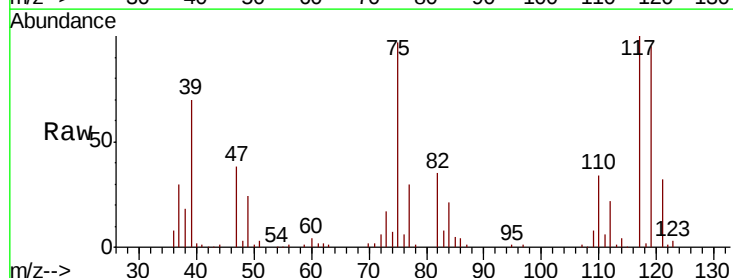
Tgt Ion: 117 Resp: 79200

Ion Ratio Lower Upper

117 100

119 95.1 77.0 115.6

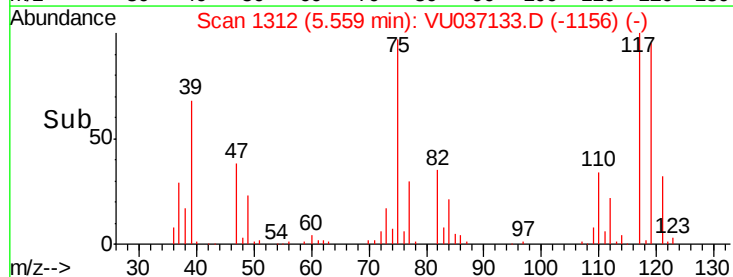
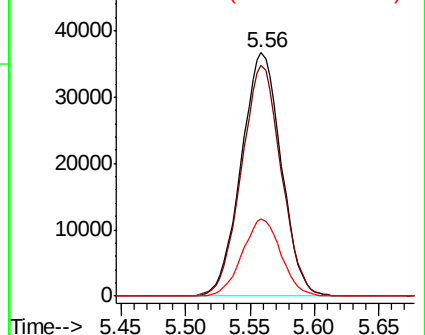
121 31.8 23.3 34.9

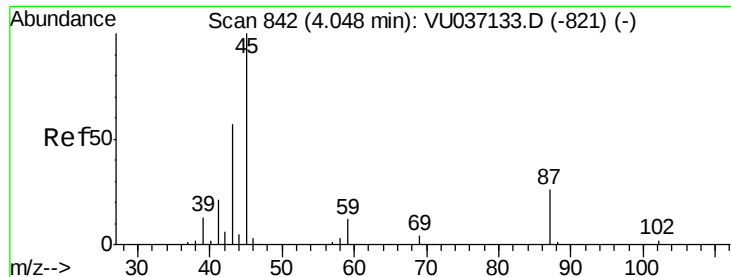


Abundance Ion 117.00 (116.70 to 117.70): VU037133.D (-1295) (-)

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: 12.486 ug/l

RT: 4.05 min Scan# 842

Delta R.T. 0.00 min

Lab File: VU037133.D

Acq: 09 Mar 2020 14:20

Instrument :

MSVOA_U

ClientSampleId :

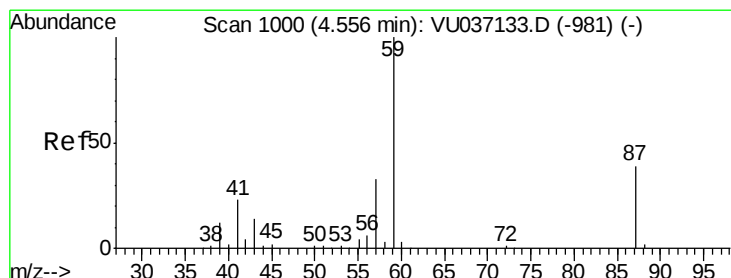
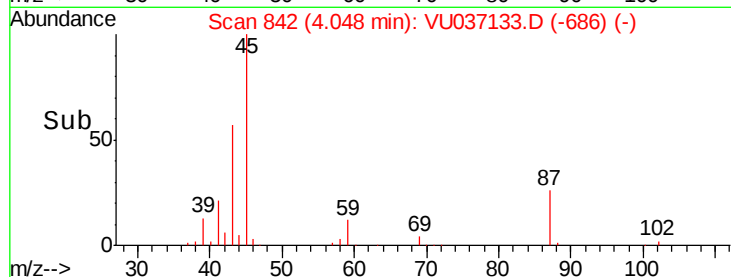
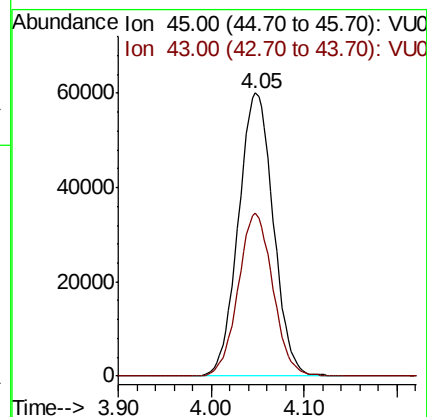
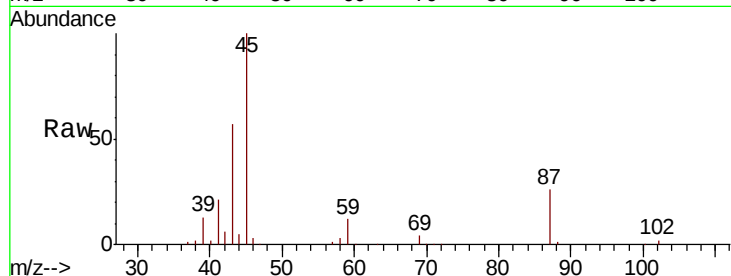
VSTDICCC010

Tot Ion: 45 Resp: 156639

Ion Ratio Lower Upper

45 100

43 57.2 24.0 72.0



#32

Ethyl-t-butyl ether

Concen: 11.363 ug/l

RT: 4.56 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VU037133.D

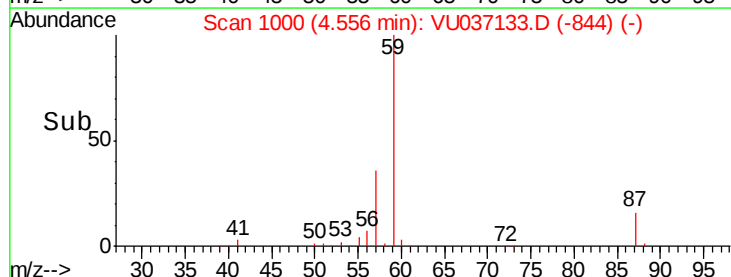
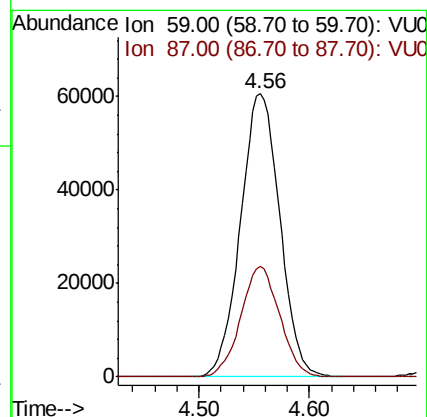
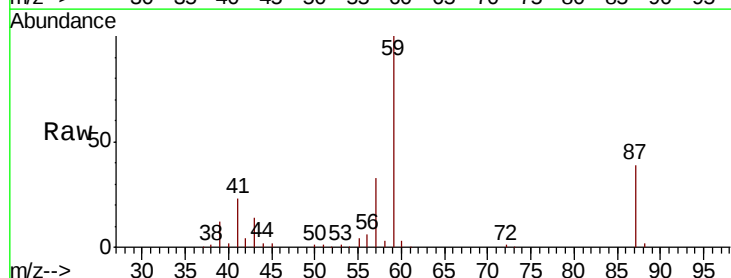
Acq: 09 Mar 2020 14:20

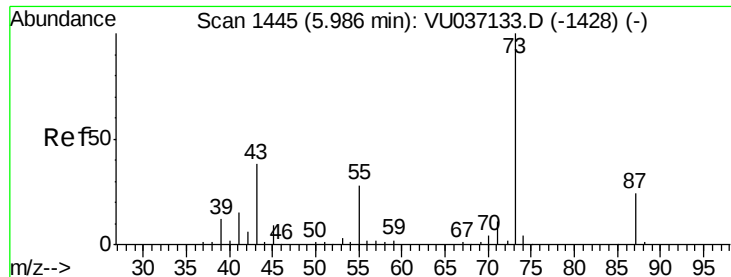
Tgt Ion: 59 Resp: 149147

Ion Ratio Lower Upper

59 100

87 38.7 35.1 52.7

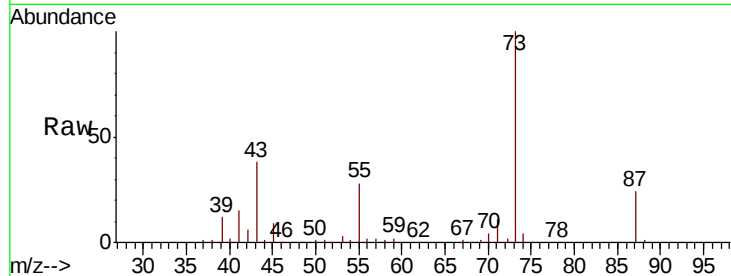




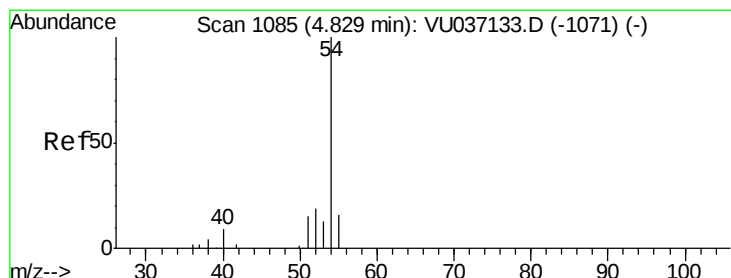
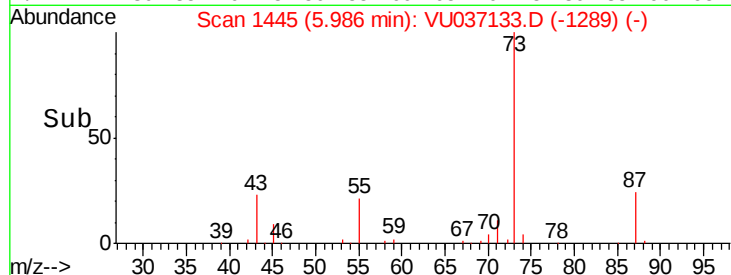
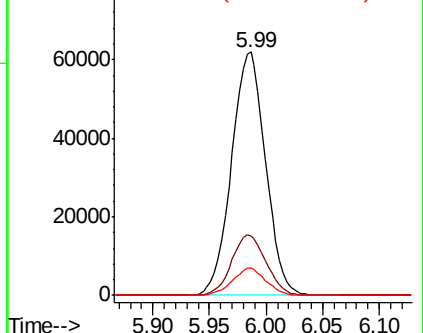
#33
Tert-Butyl methyl ether
Concen: 10.754 ug/l
RT: 5.99 min Scan# 1445
Delta R.T. 0.00 min
Lab File: VU037133.D
Acq: 09 Mar 2020 14:20

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tot Ion: 73 Resp: 129247
Ion Ratio Lower Upper
73 100
87 25.0 19.8 29.6
71 11.0 9.1 13.7



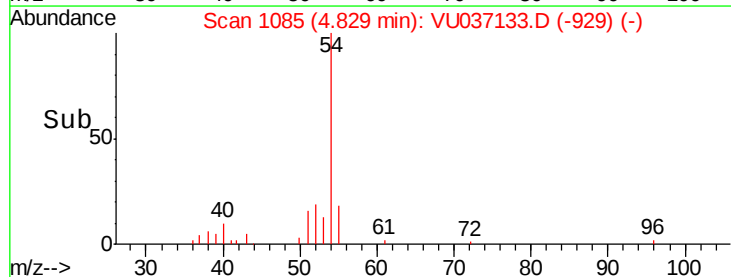
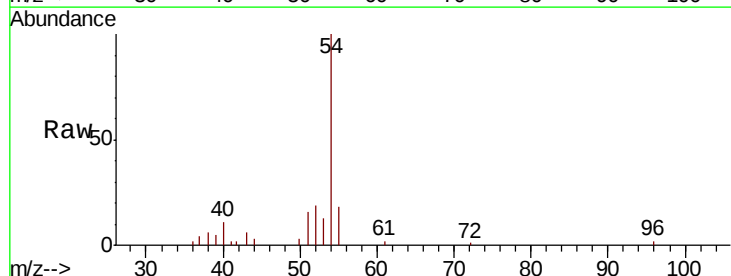
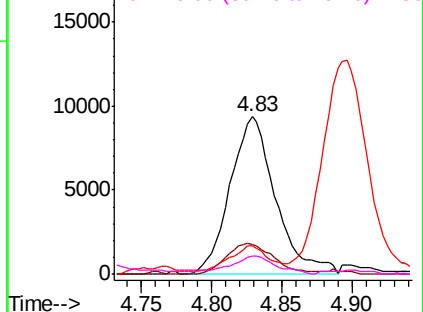
Abundance Ion 73.00 (72.70 to 73.70): VU0
Ion 87.00 (86.70 to 87.70): VU0
Ion 71.00 (70.70 to 71.70): VU0

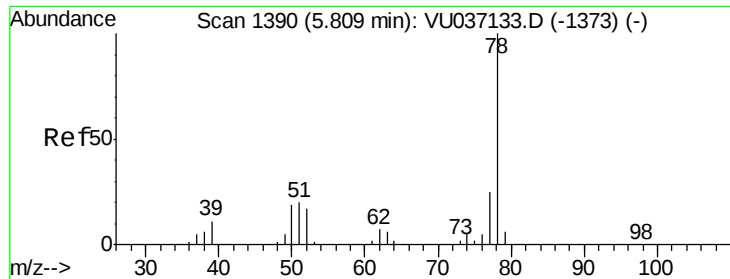


#34
Propionitrile
Concen: 60.349 ug/l
RT: 4.83 min Scan# 1085
Delta R.T. 0.00 min
Lab File: VU037133.D
Acq: 09 Mar 2020 14:20

Tgt Ion: 54 Resp: 21060
Ion Ratio Lower Upper
54 100
52 20.2 15.2 22.8
55 14.1 9.5 14.3
40 11.2 4.6 6.8#

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





#35

Benzene

Concen: 10.533 ug/l

RT: 5.81 min Scan# 1390

Delta R.T. 0.00 min

Lab File: VU037133.D

Acq: 09 Mar 2020 14:20

Instrument :

MSVOA_U

ClientSampleId :

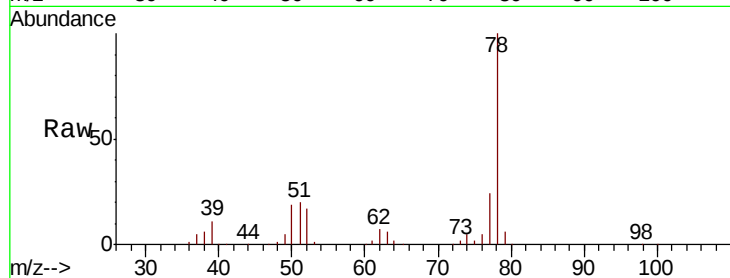
VSTDICCC010

Tot Ion: 78 Resp: 204041

Ion Ratio Lower Upper

78 100

77 24.5 19.4 29.0



Abundance Ion 78.10 (77.80 to 78.80): VU037133.D (-1373) (-)

Ion 77.00 (76.70 to 77.70): VU037133.D (-1373) (-)

5.81

100000

80000

60000

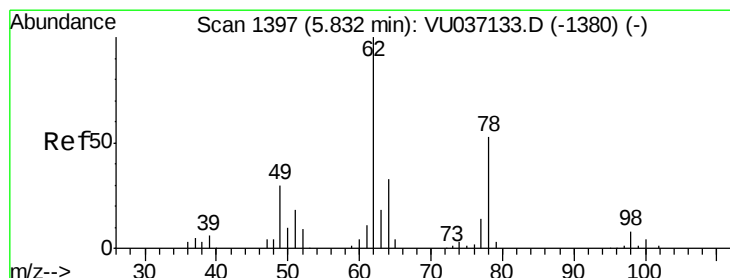
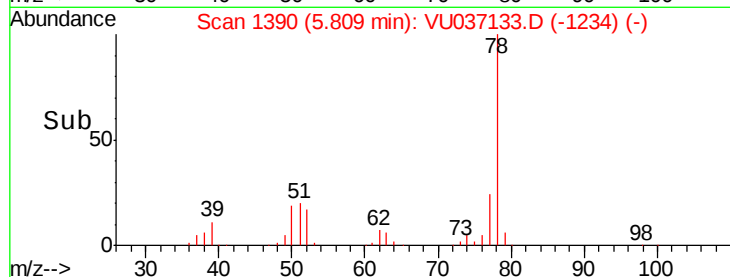
40000

20000

0

5.70 5.75 5.80 5.85 5.90

Time-->



#36

1,2-Dichloroethane

Concen: 13.806 ug/l

RT: 5.83 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VU037133.D

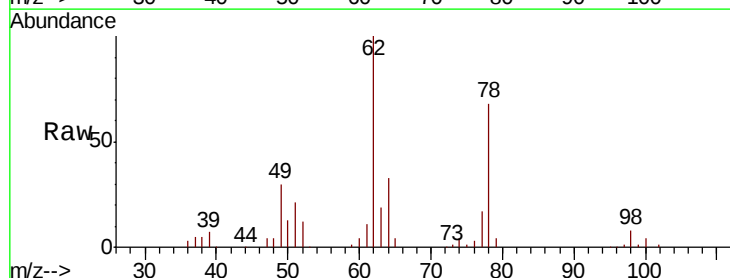
Acq: 09 Mar 2020 14:20

Tgt Ion: 62 Resp: 71994

Ion Ratio Lower Upper

62 100

98 7.6 7.8 11.8#



Abundance Ion 62.00 (61.70 to 62.70): VU037133.D (-1380) (-)

Ion 98.00 (97.70 to 98.70): VU037133.D (-1380) (-)

5.83

40000

30000

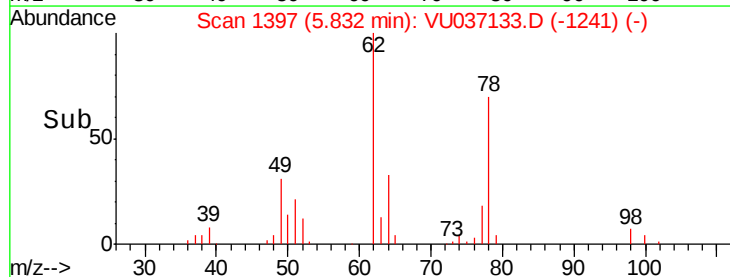
20000

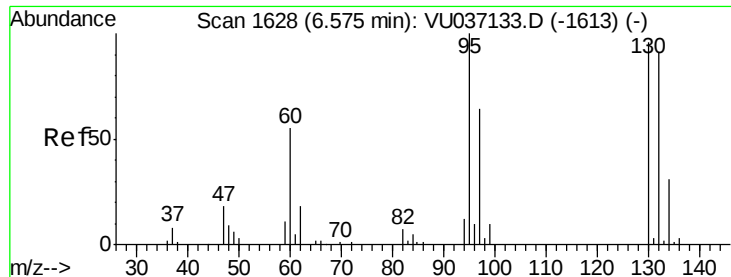
10000

0

5.75 5.80 5.85 5.90

Time-->

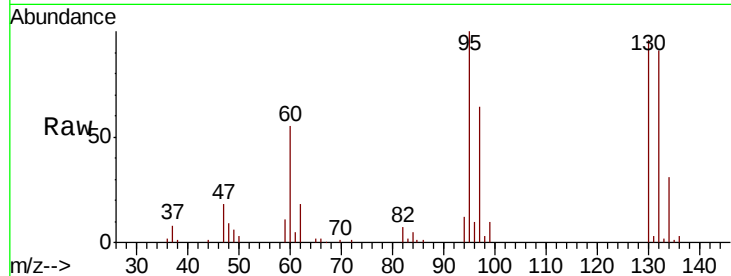




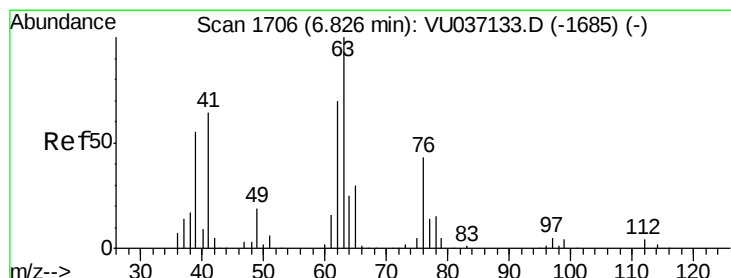
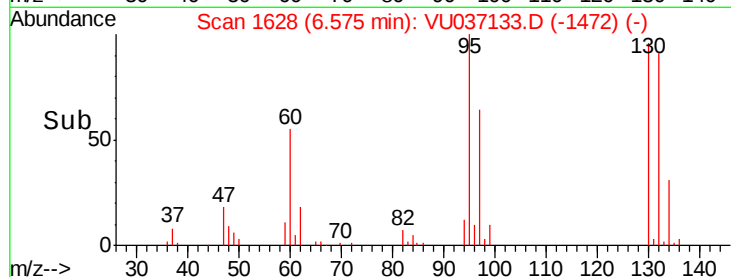
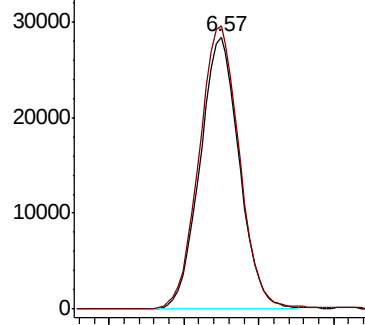
#37
 Trichloroethene
 Concen: 9.688 ug/l
 RT: 6.57 min Scan# 1628
 Delta R.T. 0.00 min
 Lab File: VU037133.D
 Acq: 09 Mar 2020 14:20

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

Tot Ion:130 Resp: 51813
 Ion Ratio Lower Upper
 130 100
 95 104.0 77.0 115.4

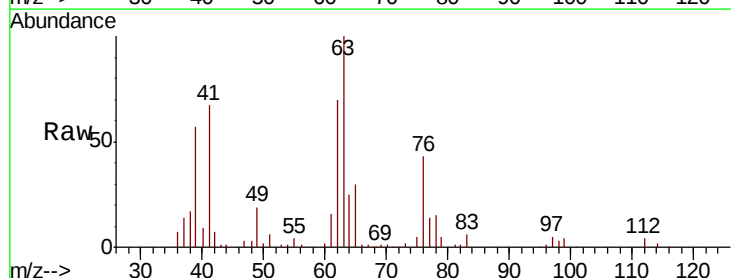


Abundance Ion 129.90 (129.60 to 130.60): VU037133.D (-1613) (-)
 Ion 94.90 (94.60 to 95.60): VU037133.D (-1613) (-)

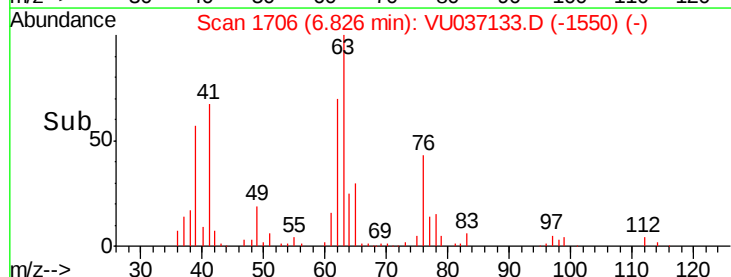
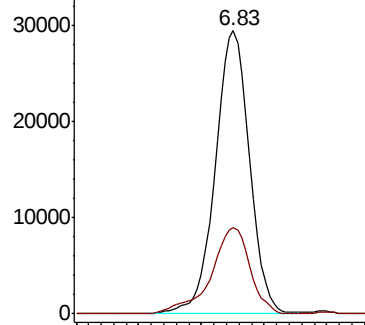


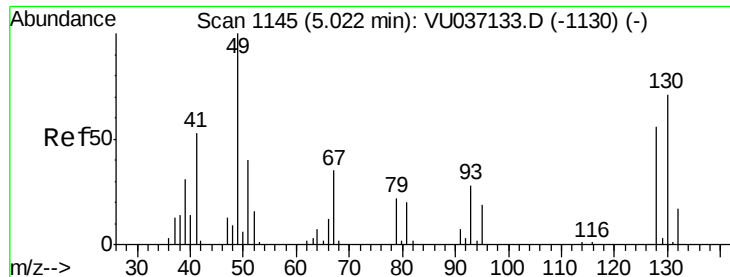
#38
 1,2-Dichloropropane
 Concen: 11.519 ug/l
 RT: 6.83 min Scan# 1706
 Delta R.T. 0.00 min
 Lab File: VU037133.D
 Acq: 09 Mar 2020 14:20

Tgt Ion: 63 Resp: 56104
 Ion Ratio Lower Upper
 63 100
 65 30.3 24.7 37.1



Abundance Ion 63.00 (62.70 to 63.70): VU037133.D (-1685) (-)
 Ion 65.00 (64.70 to 65.70): VU037133.D (-1685) (-)

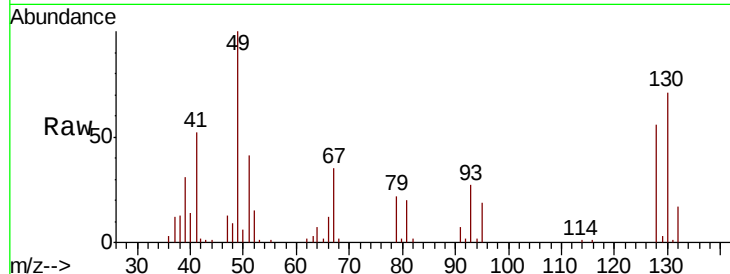




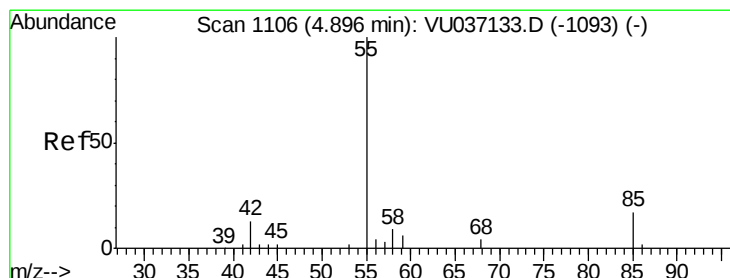
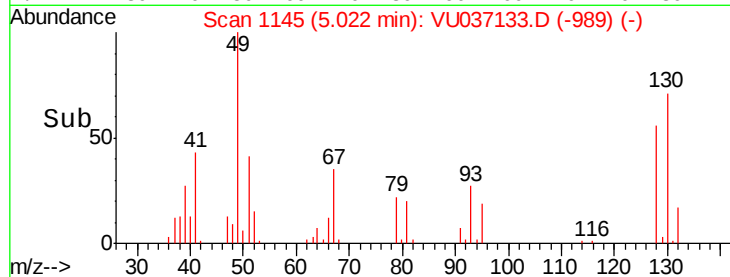
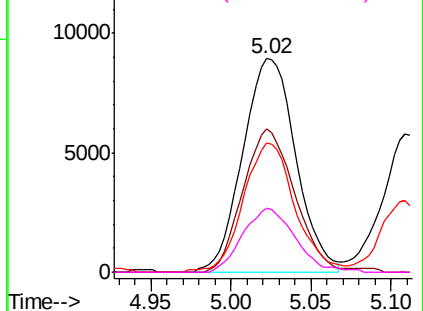
#39
Methacrylonitrile
Concen: 13.900 ug/l
RT: 5.02 min Scan# 1145
Delta R.T. 0.00 min
Lab File: VU037133.D
Acq: 09 Mar 2020 14:20

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tot Ion: 41 Resp: 20386
Ion Ratio Lower Upper
41 100
67 65.2 69.6 104.4#
39 59.1 41.6 62.4
52 29.5 25.9 38.9

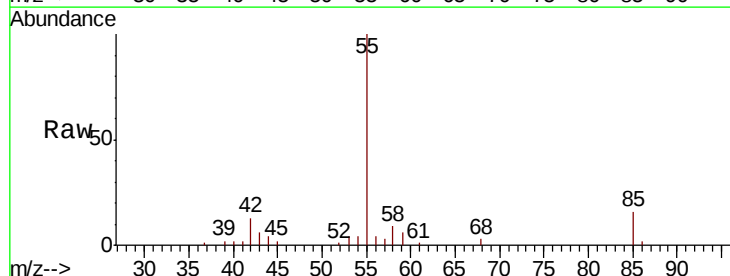


Abundance Ion 41.00 (40.70 to 41.70): VU0
Ion 67.00 (66.70 to 67.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 52.00 (51.70 to 52.70): VU0

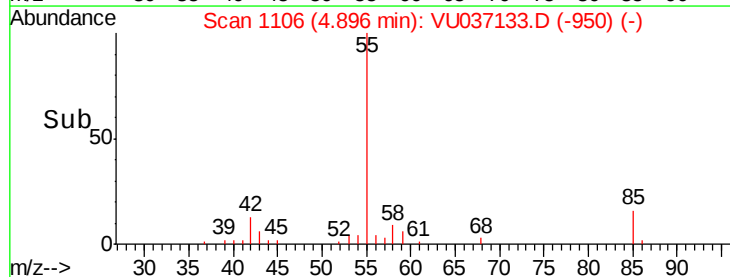
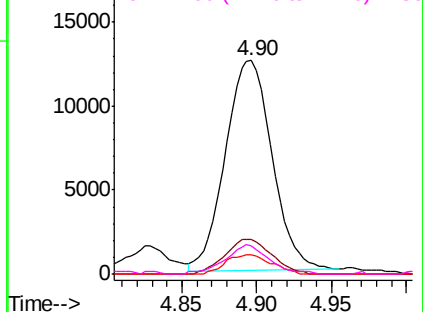


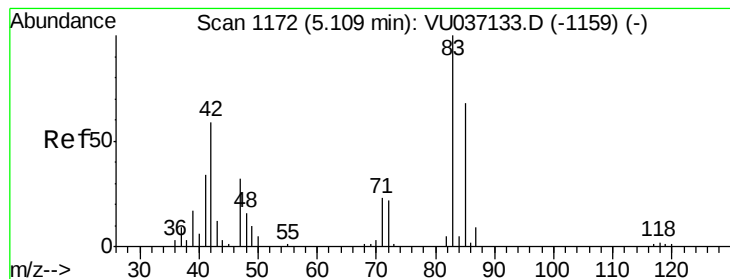
#40
Methyl acrylate
Concen: 11.724 ug/l
RT: 4.90 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VU037133.D
Acq: 09 Mar 2020 14:20

Tgt Ion: 55 Resp: 27254
Ion Ratio Lower Upper
55 100
85 16.5 14.7 22.1
58 8.7 7.1 10.7
42 12.8 6.9 10.3#



Abundance Ion 55.00 (54.70 to 55.70): VU0
Ion 85.00 (84.70 to 85.70): VU0
Ion 58.00 (57.70 to 58.70): VU0
Ion 42.00 (41.70 to 42.70): VU0





#41

Tetrahydrofuran

Concen: 25.076 ug/l

RT: 5.11 min Scan# 1172

Delta R.T. 0.00 min

Lab File: VU037133.D

Acq: 09 Mar 2020 14:20

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

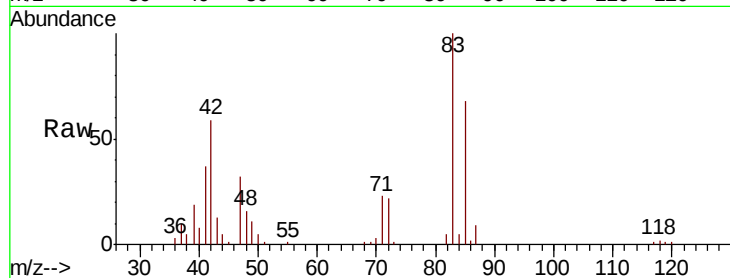
Tot Ion: 42 Resp: 20037

Ion Ratio Lower Upper

42 100

72 42.1 42.5 63.7#

71 36.8 37.3 55.9#

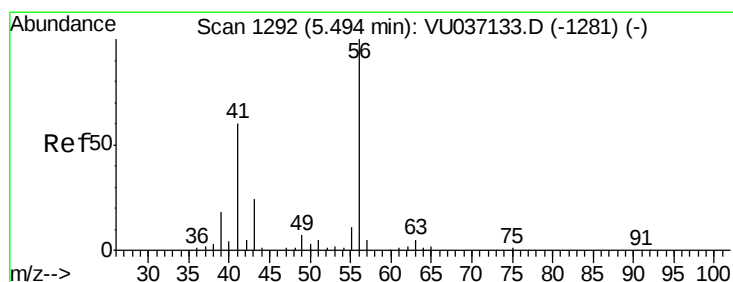
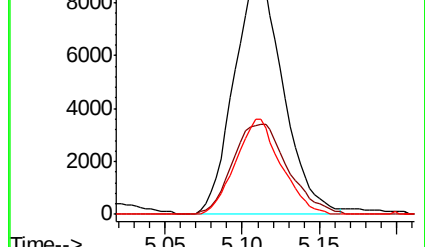
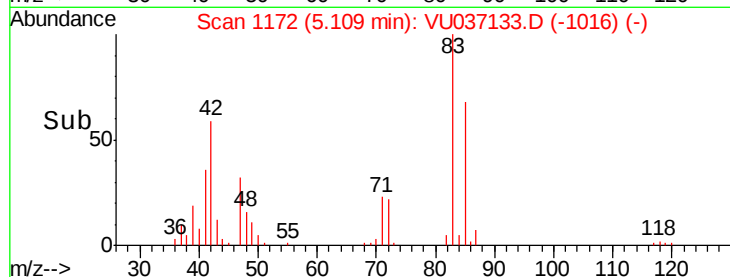


Abundance Ion 42.00 (41.70 to 42.70): VU037133.D (-1159) (-)

Ion 72.00 (71.70 to 72.70): VU037133.D (-1159) (-)

Ion 71.00 (70.70 to 71.70): VU037133.D (-1159) (-)

Time-->



#42

1-Chlorobutane

Concen: 12.306 ug/l

RT: 5.49 min Scan# 1292

Delta R.T. 0.00 min

Lab File: VU037133.D

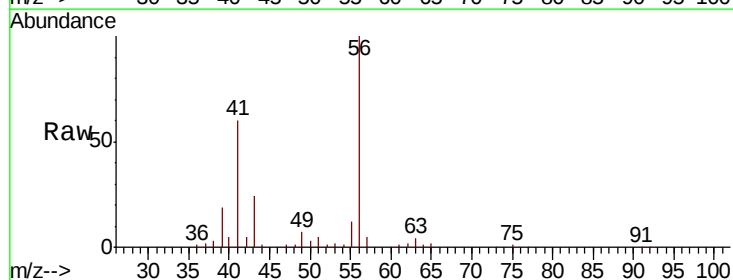
Acq: 09 Mar 2020 14:20

Tgt Ion: 56 Resp: 106661

Ion Ratio Lower Upper

56 100

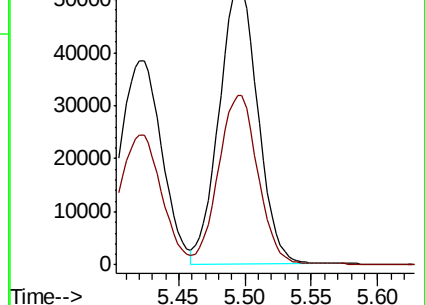
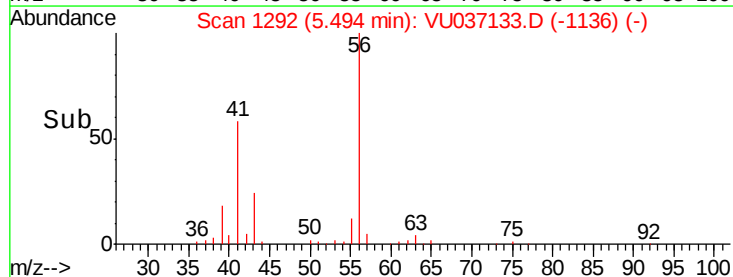
41 60.3 24.8 74.3

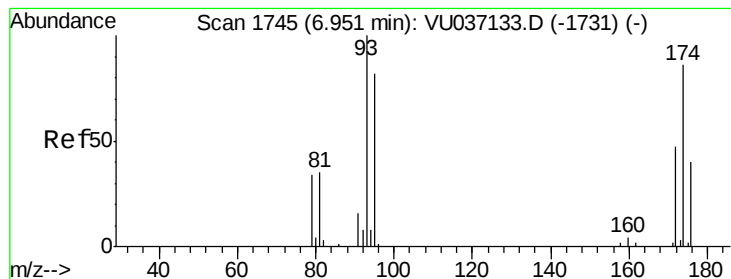


Abundance Ion 56.00 (55.70 to 56.70): VU037133.D (-1281) (-)

Ion 41.00 (40.70 to 41.70): VU037133.D (-1281) (-)

Time-->





#43

Dibromomethane

Concen: 11.223 ug/l

RT: 6.95 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VU037133.D

Acq: 09 Mar 2020 14:20

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

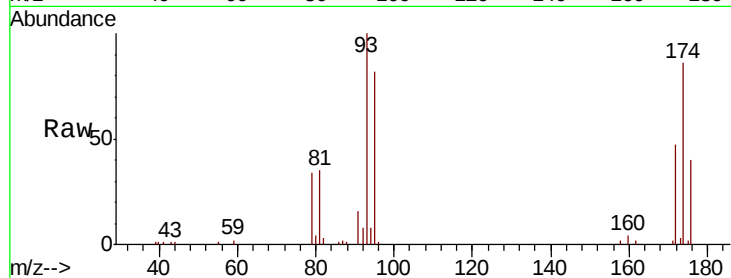
Tot Ion: 93 Resp: 28530

Ion Ratio Lower Upper

93 100

95 83.8 67.9 101.9

174 88.0 83.4 125.0

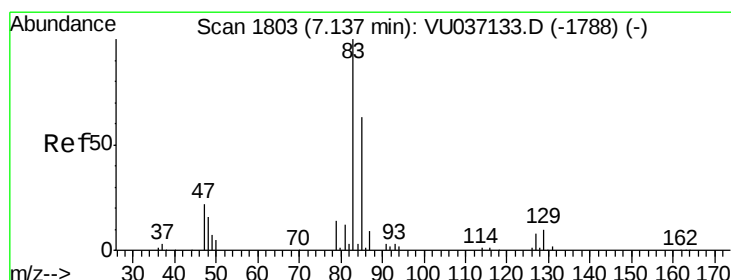
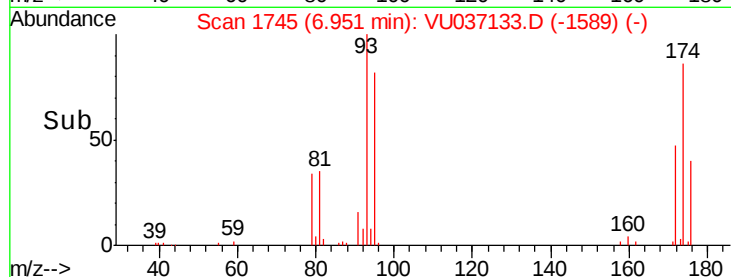
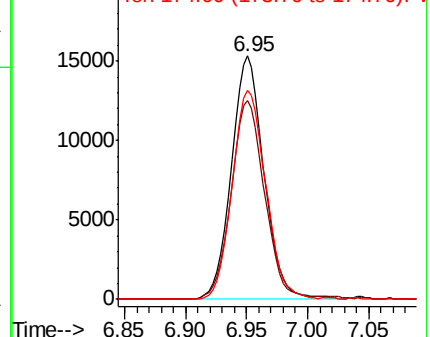


Abundance

Ion 93.00 (92.70 to 93.70): VU0

Ion 95.00 (94.70 to 95.70): VU0

Ion 174.00 (173.70 to 174.70): V



#44

Bromodichloromethane

Concen: 12.651 ug/l

RT: 7.14 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VU037133.D

Acq: 09 Mar 2020 14:20

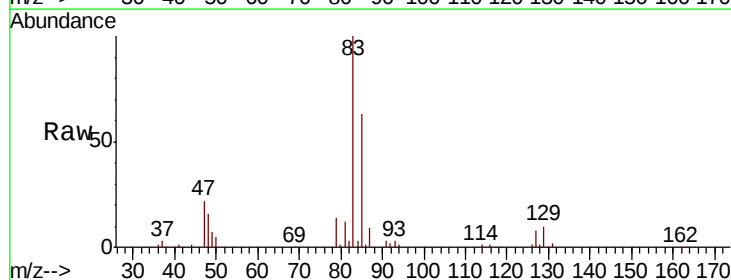
Tgt Ion: 83 Resp: 76078

Ion Ratio Lower Upper

83 100

85 62.8 51.8 77.6

127 8.3 6.8 10.2

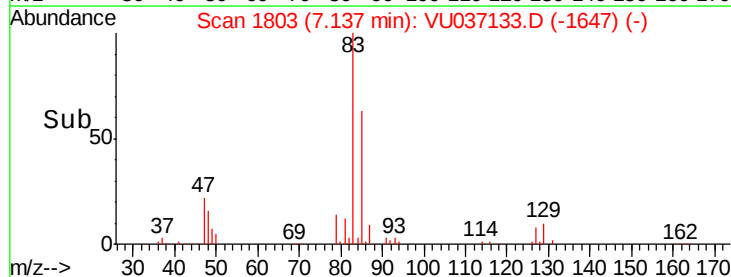
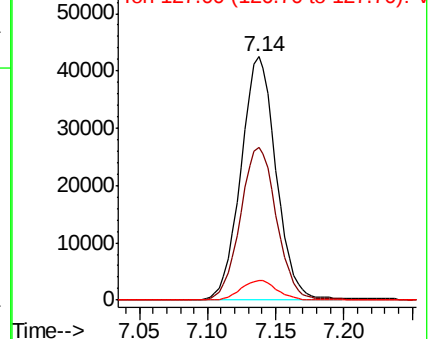


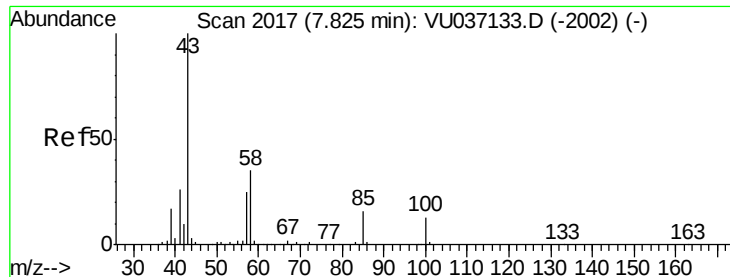
Abundance

Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0

Ion 127.00 (126.70 to 127.70): V

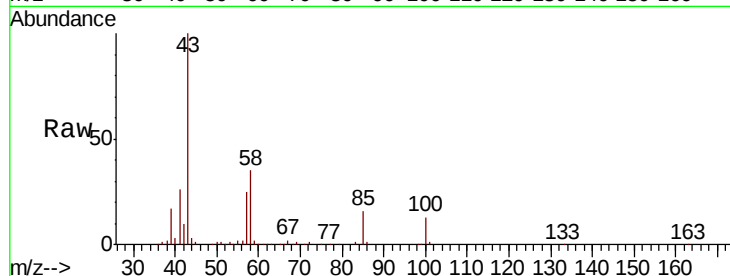




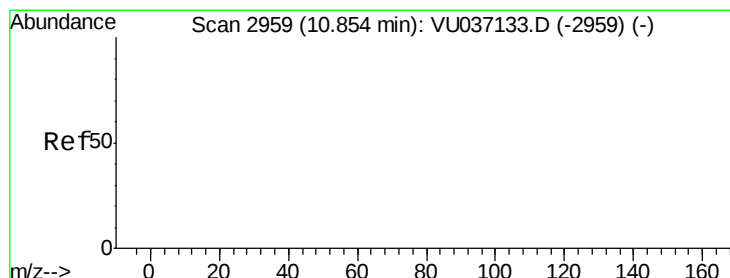
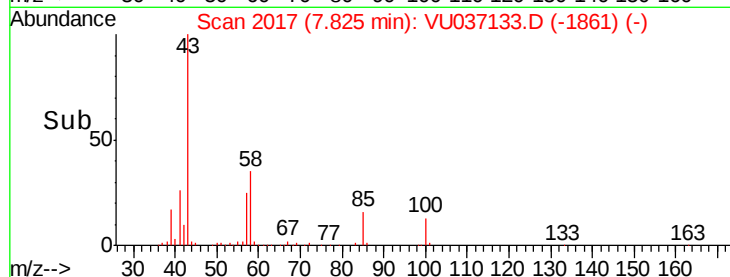
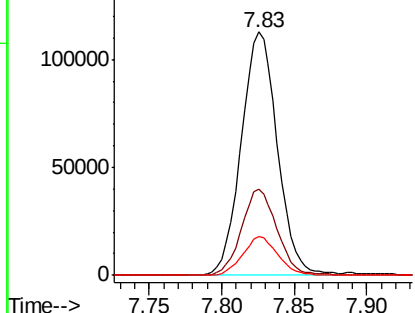
#45
4-Methyl-2-Pentanone
Concen: 68.104 ug/l
RT: 7.83 min Scan# 2017
Delta R.T. 0.00 min
Lab File: VU037133.D
Acq: 09 Mar 2020 14:20

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tot Ion: 43 Resp: 195064
Ion Ratio Lower Upper
43 100
58 34.9 22.1 66.1
85 15.6 17.4 26.0#

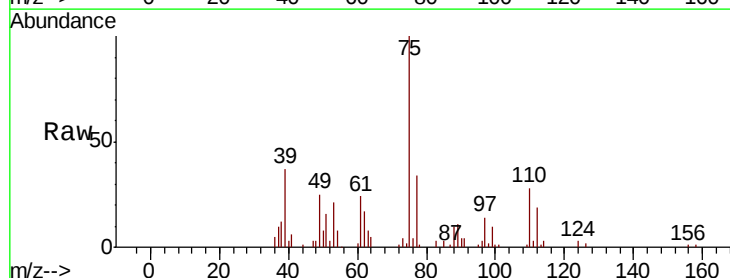


Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0
Ion 85.00 (84.70 to 85.70): VU0

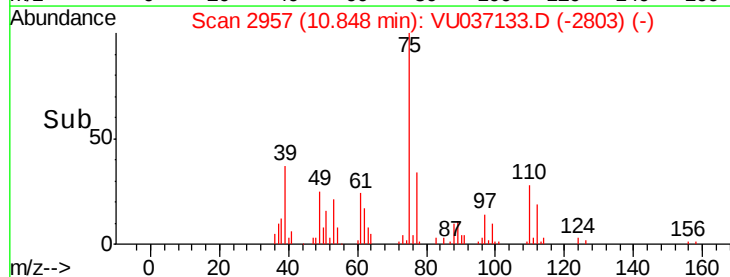
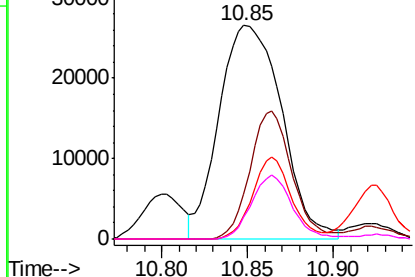


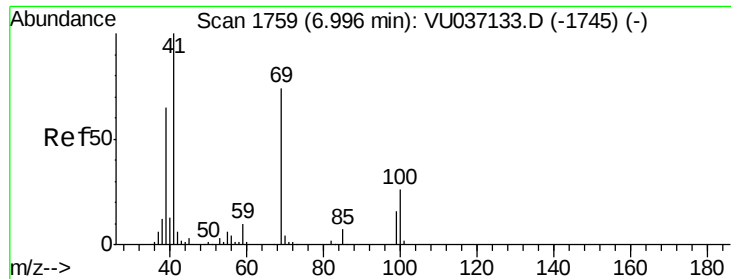
#46
t-1,4-Dichloro-2-butene
Concen: 53.294 ug/l
RT: 10.85 min Scan# 2957
Delta R.T. -0.01 min
Lab File: VU037133.D
Acq: 09 Mar 2020 14:20

Tgt Ion: 75 Resp: 67223
Ion Ratio Lower Upper
75 100
53 39.9 52.2 78.2#
89 23.6 39.8 59.6#
88 19.7 27.4 41.2#



Abundance Ion 74.90 (74.60 to 75.60): VU0
Ion 53.00 (52.70 to 53.70): VU0
Ion 88.80 (88.50 to 89.50): VU0
Ion 87.80 (87.50 to 88.50): VU0

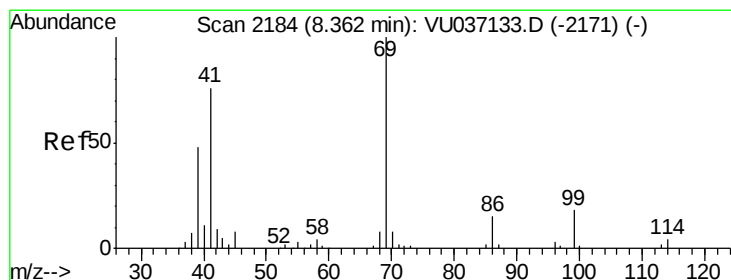
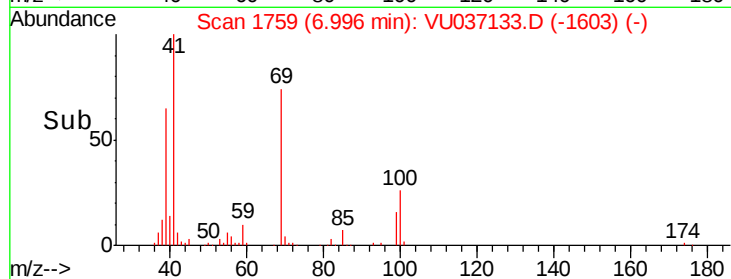
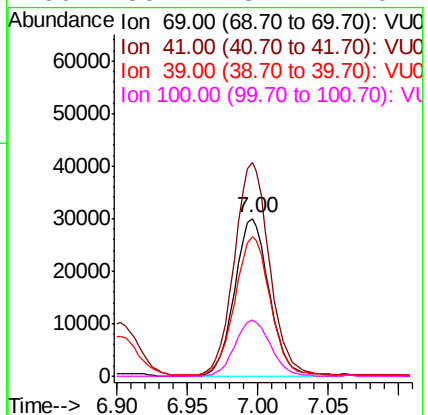
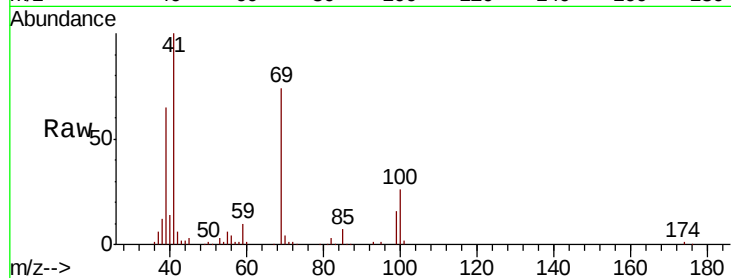




#47
Methyl methacrylate
Concen: 20.872 ug/l
RT: 7.00 min Scan# 1759
Delta R.T. 0.00 min
Lab File: VU037133.D
Acq: 09 Mar 2020 14:20

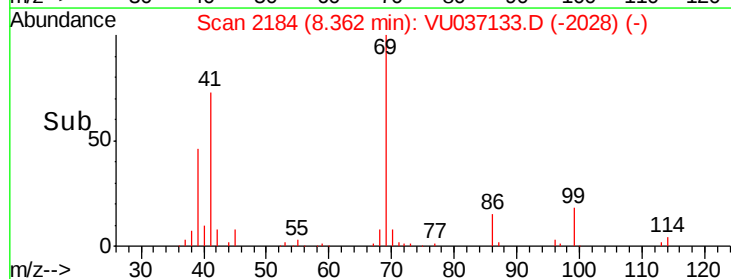
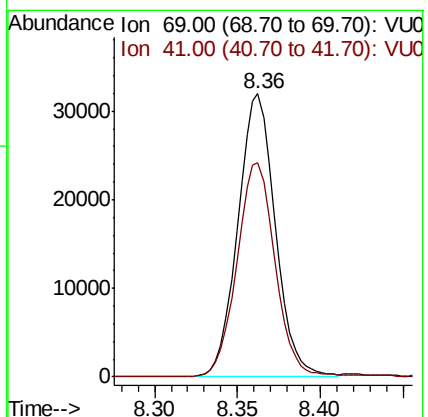
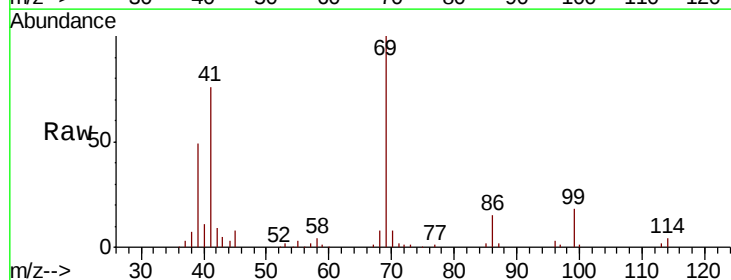
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

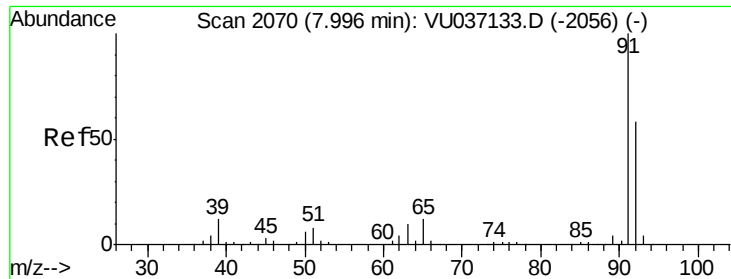
Tot Ion: 69 Resp: 51996
Ion Ratio Lower Upper
69 100
41 135.9 0.0 200.8
39 90.0 43.5 65.3#
100 36.2 31.1 46.7



#48
Ethyl methacrylate
Concen: 10.418 ug/l
RT: 8.36 min Scan# 2184
Delta R.T. 0.00 min
Lab File: VU037133.D
Acq: 09 Mar 2020 14:20

Tgt Ion: 69 Resp: 50132
Ion Ratio Lower Upper
69 100
41 77.4 27.9 83.6





#49

Toluene

Concen: 10.664 ug/l

RT: 8.00 min Scan# 2070

Delta R.T. 0.00 min

Lab File: VU037133.D

Acq: 09 Mar 2020 14:20

Instrument :

MSVOA_U

ClientSampleId :

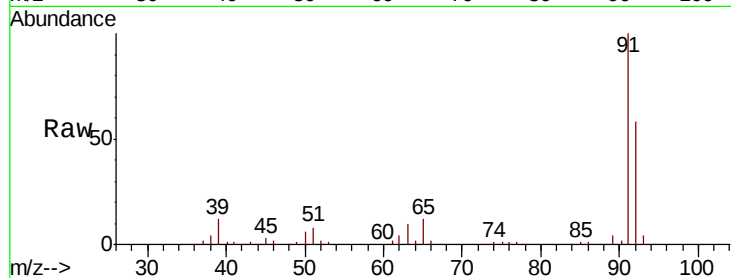
VSTDICCC010

Tot Ion: 92 Resp: 131870

Ion Ratio Lower Upper

92 100

91 173.5 139.1 208.7



Abundance Ion 92.00 (91.70 to 92.70): VU037133.D (-2056) (-)

Ion 91.00 (90.70 to 91.70): VU037133.D (-2056) (-)

8.00

150000

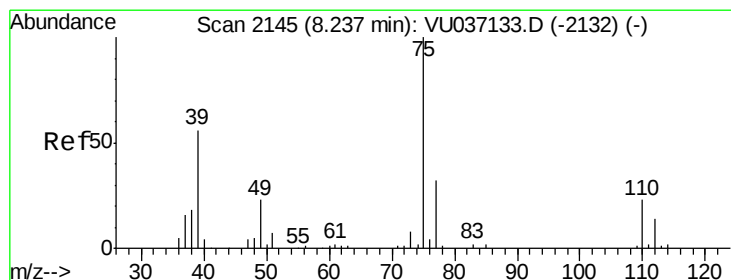
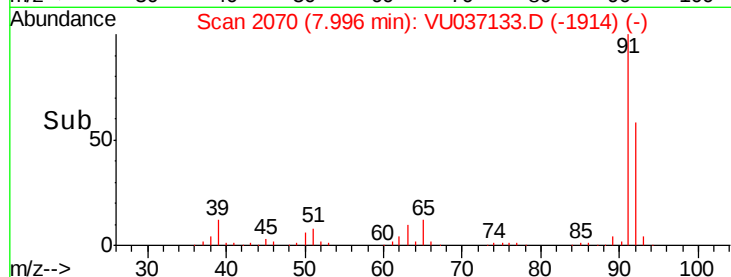
100000

50000

0

7.90 7.95 8.00 8.05 8.10

Time-->



#50

t-1,3-Dichloropropene

Concen: 11.667 ug/l

RT: 8.24 min Scan# 2145

Delta R.T. 0.00 min

Lab File: VU037133.D

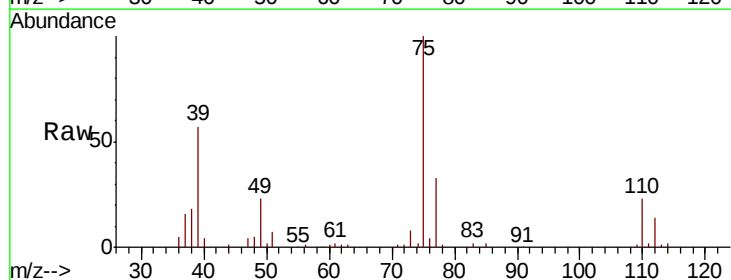
Acq: 09 Mar 2020 14:20

Tgt Ion: 75 Resp: 69911

Ion Ratio Lower Upper

75 100

77 32.3 25.4 38.2



Abundance Ion 75.00 (74.70 to 75.70): VU037133.D (-2132) (-)

Ion 77.00 (76.70 to 77.70): VU037133.D (-2132) (-)

8.24

40000

30000

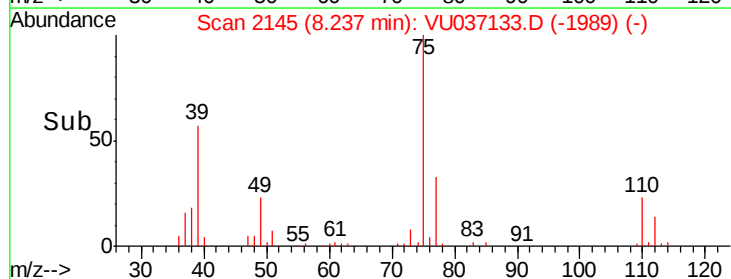
20000

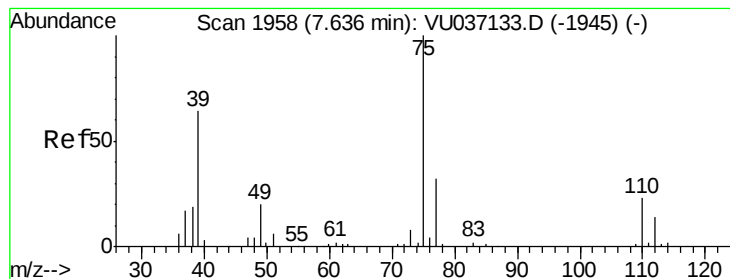
10000

0

8.15 8.20 8.25 8.30

Time-->



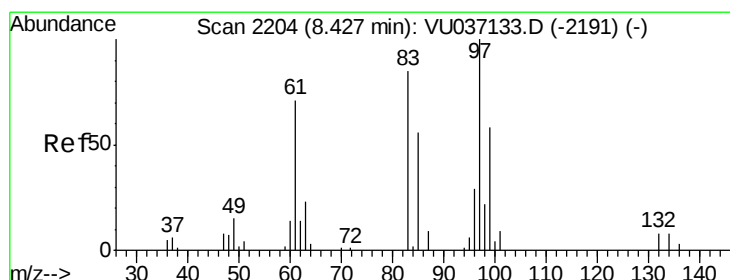
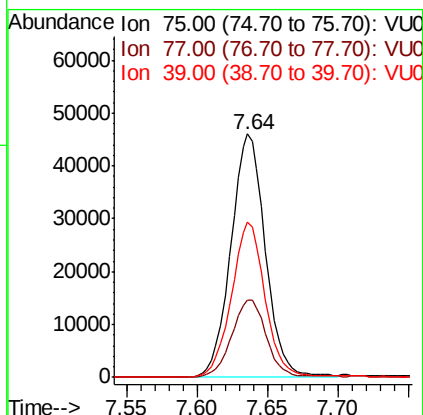
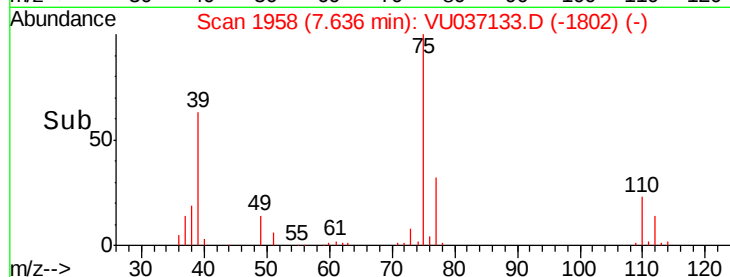
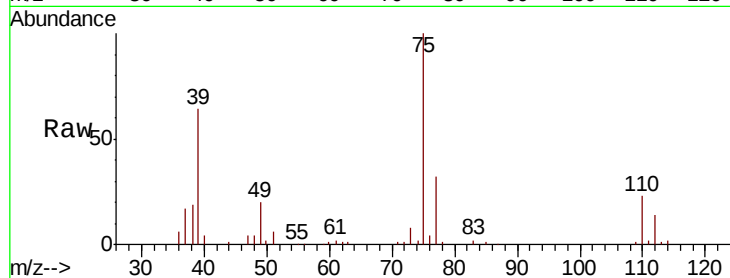


#51

cis-1,3-Dichloropropene
Concen: 10.837 ug/l
RT: 7.64 min Scan# 1958
Delta R.T. 0.00 min
Lab File: VU037133.D
Acq: 09 Mar 2020 14:20

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

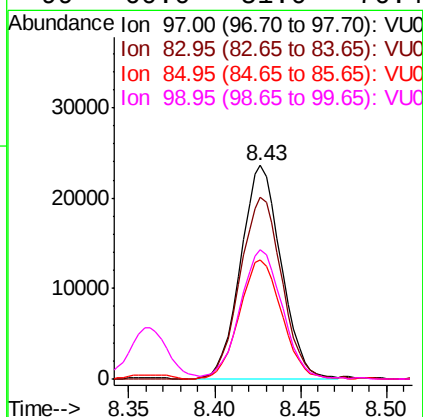
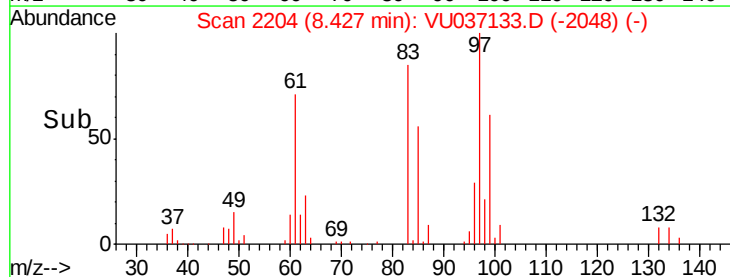
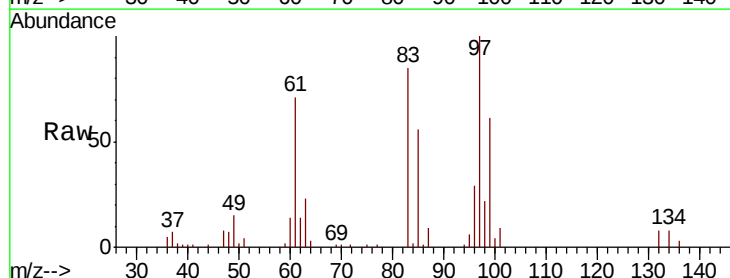
Tot Ion: 75 Resp: 78700
Ion Ratio Lower Upper
75 100
77 31.9 25.3 37.9
39 63.6 31.8 47.6#

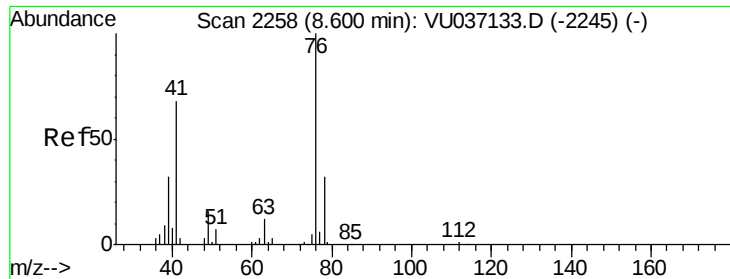


#52

1,1,2-Trichloroethane
Concen: 10.707 ug/l
RT: 8.43 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VU037133.D
Acq: 09 Mar 2020 14:20

Tgt Ion: 97 Resp: 38619
Ion Ratio Lower Upper
97 100
83 85.0 70.9 106.3
85 55.9 45.6 68.4
99 60.0 51.0 76.4





#53

1,3-Dichloropropane

Concen: 11.103 ug/l

RT: 8.60 min Scan# 2258

Delta R.T. 0.00 min

Lab File: VU037133.D

Acq: 09 Mar 2020 14:20

Instrument :

MSVOA_U

ClientSampleId :

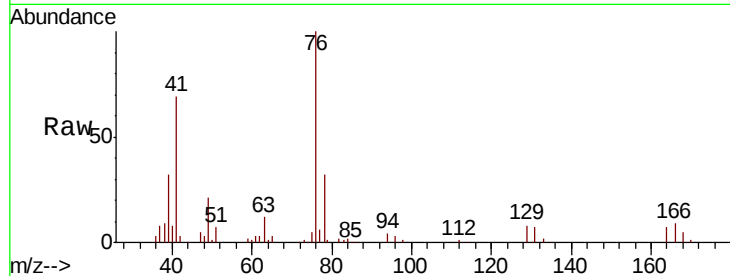
VSTDICCC010

Tot Ion: 76 Resp: 68645

Ion Ratio Lower Upper

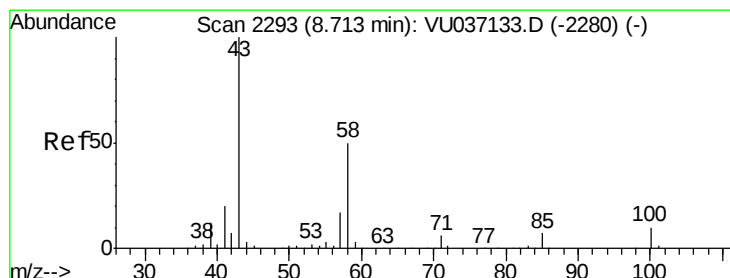
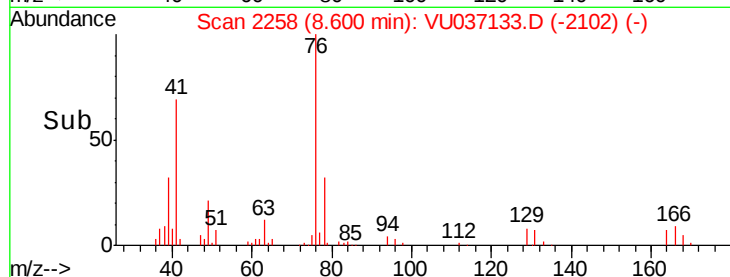
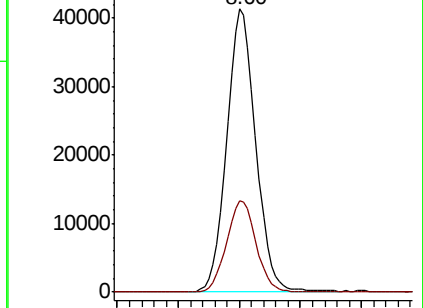
76 100

78 32.8 25.4 38.2



Abundance Ion 76.00 (75.70 to 76.70): VU037133.D (-2245) (-)

Ion 78.00 (77.70 to 78.70): VU037133.D (-2245) (-)



#54

2-Hexanone

Concen: 69.158 ug/l

RT: 8.71 min Scan# 2293

Delta R.T. 0.00 min

Lab File: VU037133.D

Acq: 09 Mar 2020 14:20

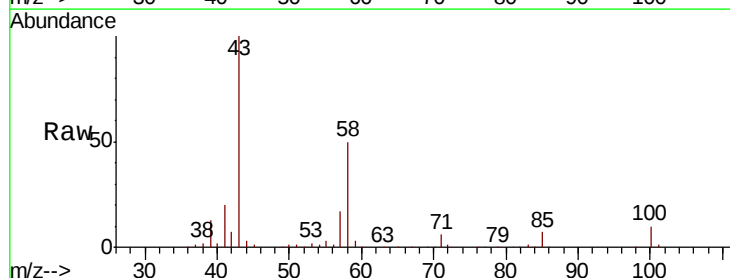
Tgt Ion: 43 Resp: 138916

Ion Ratio Lower Upper

43 100

58 47.7 40.6 80.6

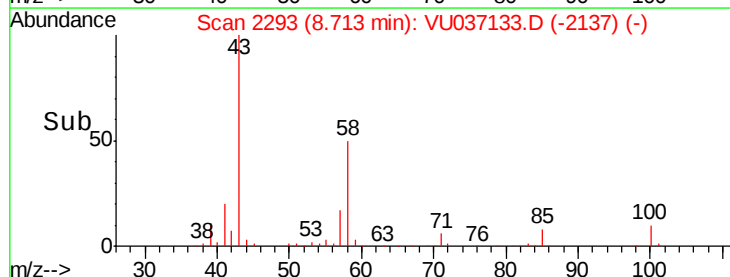
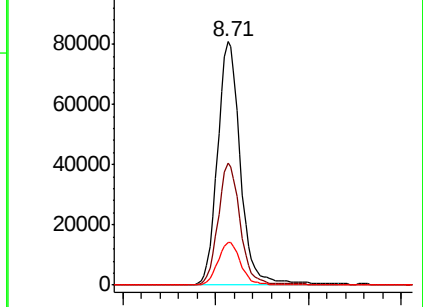
57 17.6 1.2 41.2

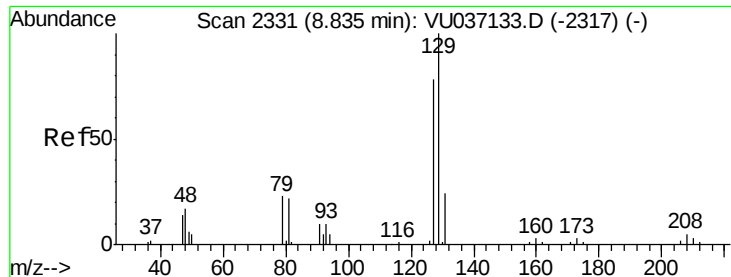


Abundance Ion 43.00 (42.70 to 43.70): VU037133.D (-2280) (-)

Ion 58.00 (57.70 to 58.70): VU037133.D (-2280) (-)

Ion 57.00 (56.70 to 57.70): VU037133.D (-2280) (-)

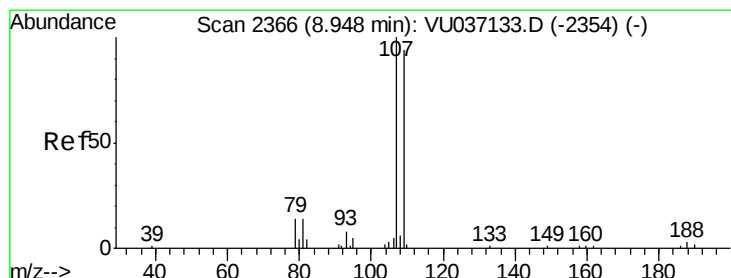
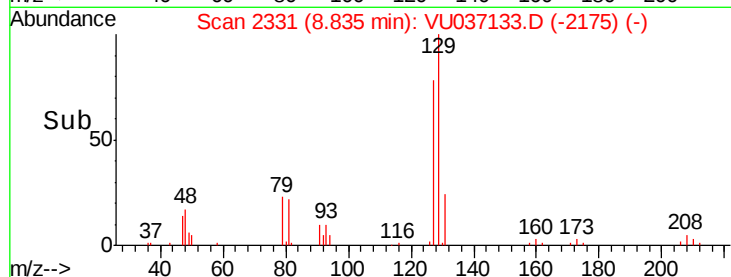
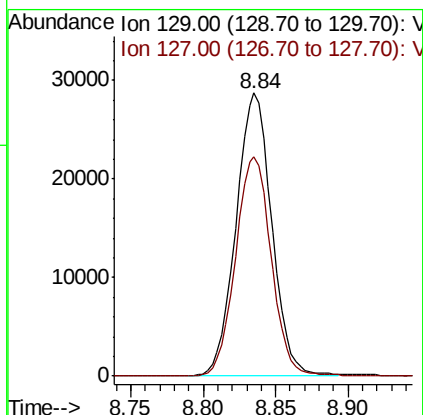
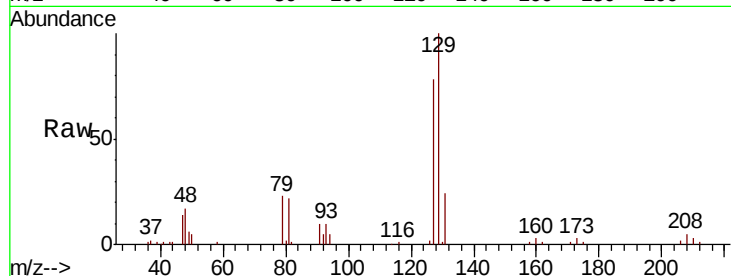




#55
 Dibromochloromethane
 Concen: 11.858 ug/l
 RT: 8.84 min Scan# 2331
 Delta R.T. 0.00 min
 Lab File: VU037133.D
 Acq: 09 Mar 2020 14:20

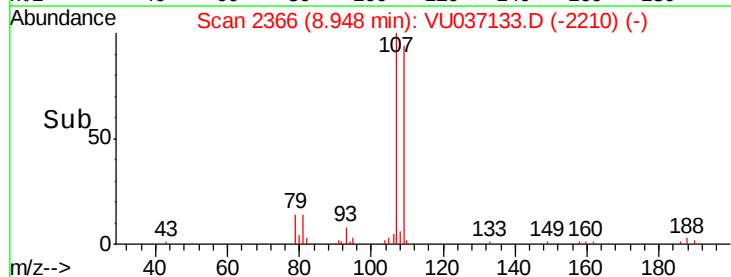
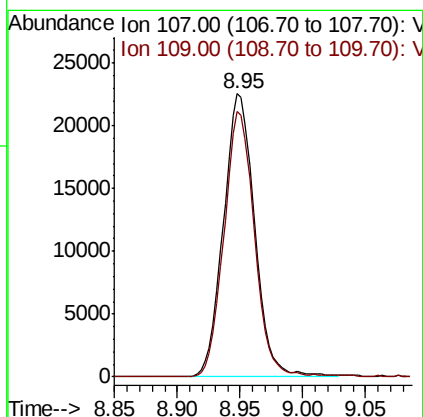
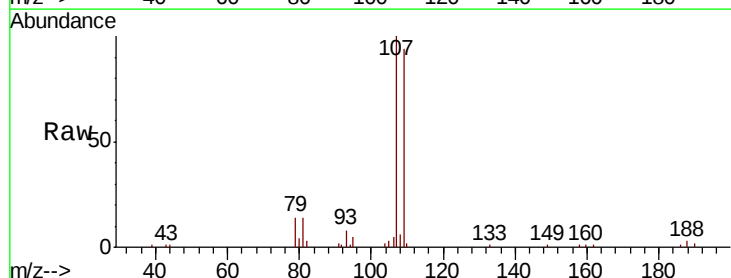
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

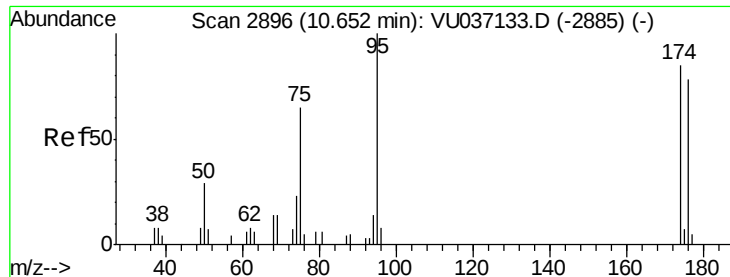
Tot Ion:129 Resp: 49242
 Ion Ratio Lower Upper
 129 100
 127 77.2 62.6 94.0



#56
 1,2-Dibromoethane
 Concen: 11.223 ug/l
 RT: 8.95 min Scan# 2366
 Delta R.T. 0.00 min
 Lab File: VU037133.D
 Acq: 09 Mar 2020 14:20

Tgt Ion:107 Resp: 38979
 Ion Ratio Lower Upper
 107 100
 109 91.3 0.0 190.8

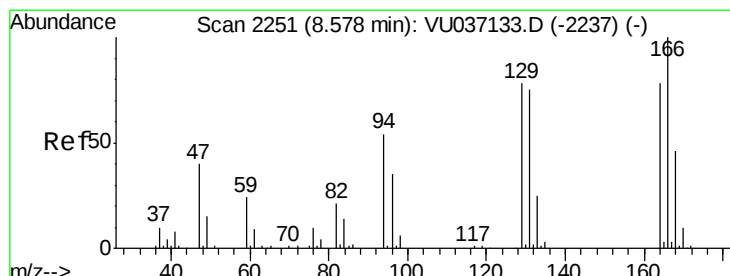
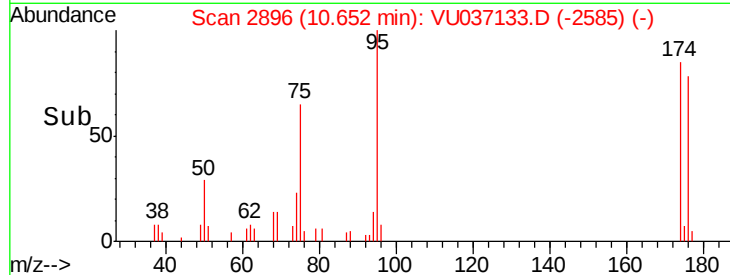
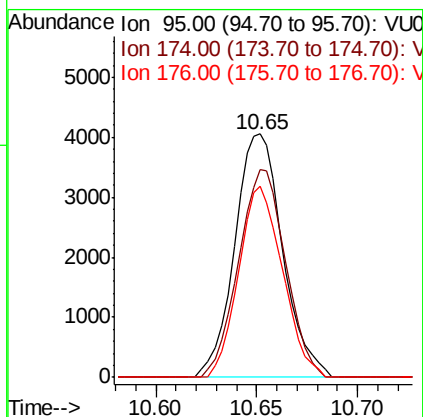
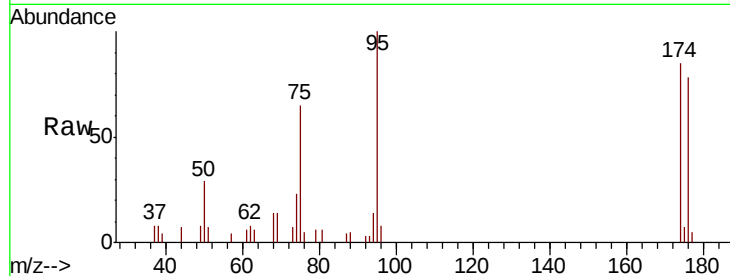




#57
4-Bromofluorobenzene
Concen: 1.021 ug/l
RT: 10.65 min Scan# 2896
Delta R.T. 0.00 min
Lab File: VU037133.D
Acq: 09 Mar 2020 14:20

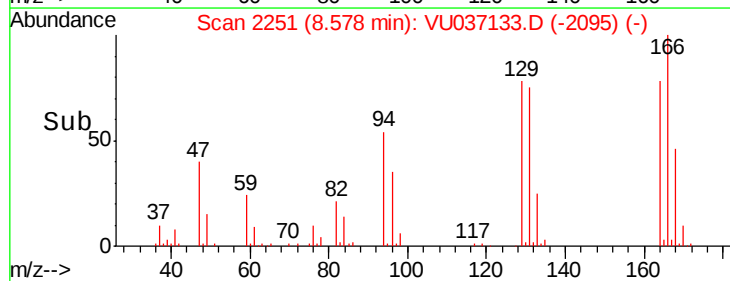
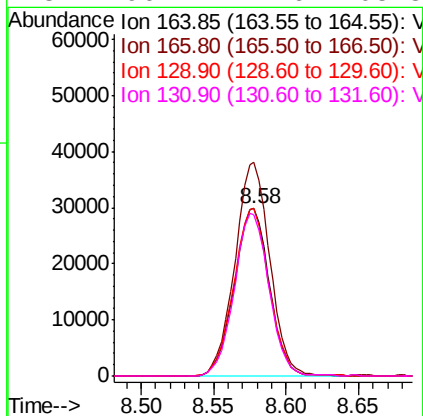
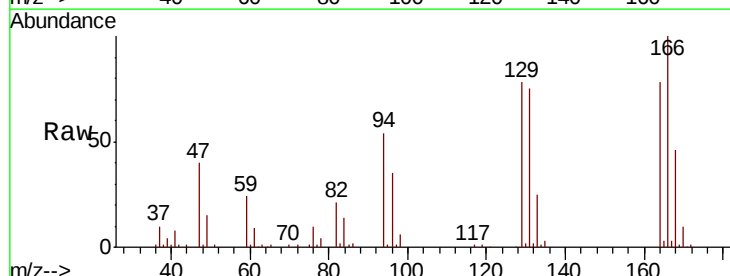
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

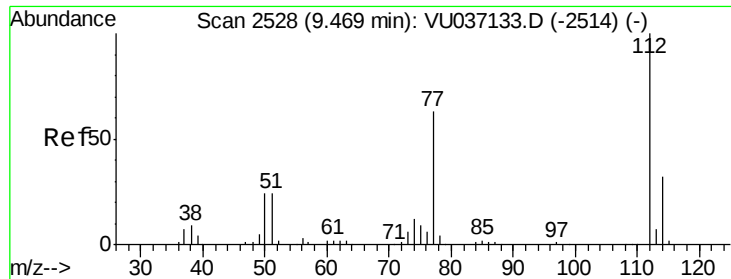
Tot Ion: 95 Resp: 6740
Ion Ratio Lower Upper
95 100
174 83.8 64.7 97.1
176 71.9 60.6 91.0



#58
Tetrachloroethene
Concen: 9.397 ug/l
RT: 8.58 min Scan# 2251
Delta R.T. 0.00 min
Lab File: VU037133.D
Acq: 09 Mar 2020 14:20

Tgt Ion: 164 Resp: 50233
Ion Ratio Lower Upper
164 100
166 127.8 102.0 153.0
129 100.0 74.9 112.3
131 96.2 72.6 108.8





#59

Chlorobenzene

Concen: 10.193 ug/l

RT: 9.47 min Scan# 2528

Delta R.T. 0.00 min

Lab File: VU037133.D

Acq: 09 Mar 2020 14:20

Instrument :

MSVOA_U

ClientSampleId :

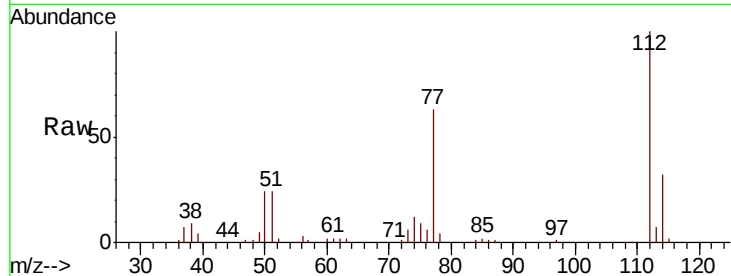
VSTDICCC010

Tot Ion:112 Resp: 140404

Ion Ratio Lower Upper

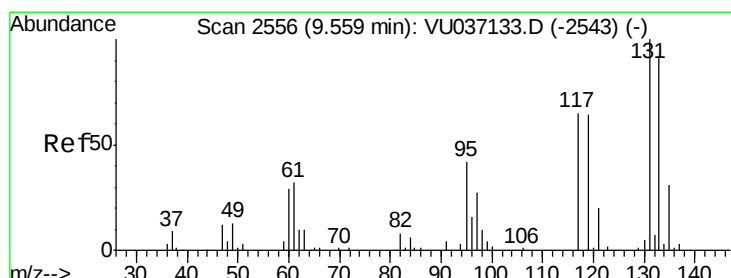
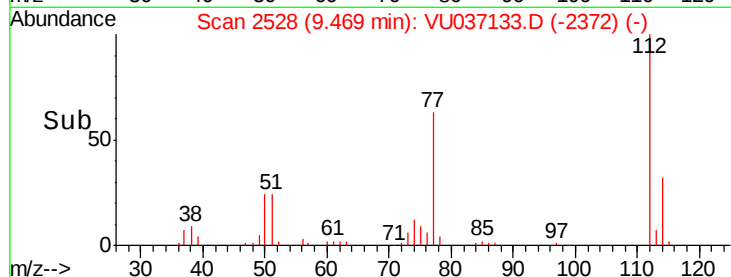
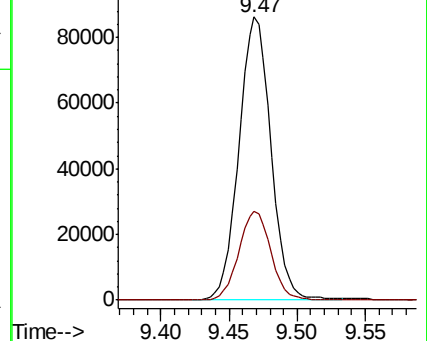
112 100

114 31.5 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: 12.002 ug/l

RT: 9.56 min Scan# 2556

Delta R.T. 0.00 min

Lab File: VU037133.D

Acq: 09 Mar 2020 14:20

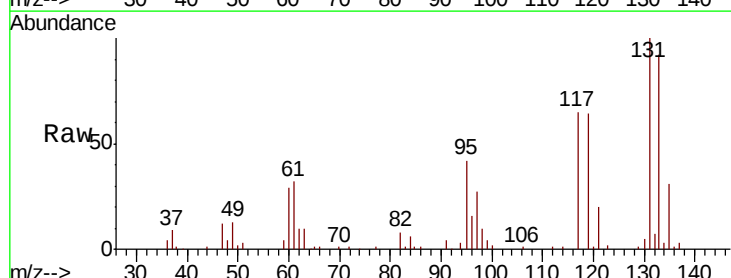
Tgt Ion:131 Resp: 52801

Ion Ratio Lower Upper

131 100

133 92.2 76.4 114.6

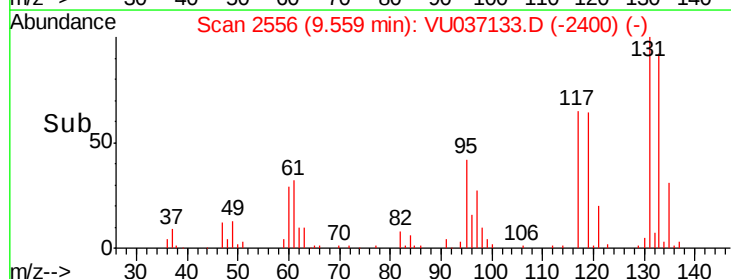
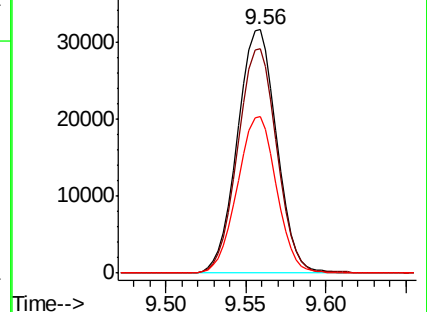
119 63.8 56.6 85.0

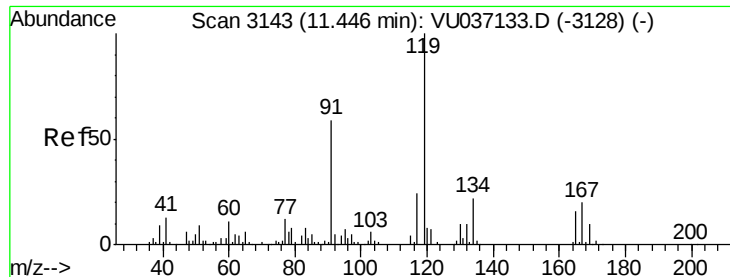


Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V





#61

Pentachloroethane

Concen: 14.095 ug/l

RT: 11.45 min Scan# 3143

Delta R.T. 0.00 min

Lab File: VU037133.D

Acq: 09 Mar 2020 14:20

Instrument :

MSVOA_U

ClientSampleId :

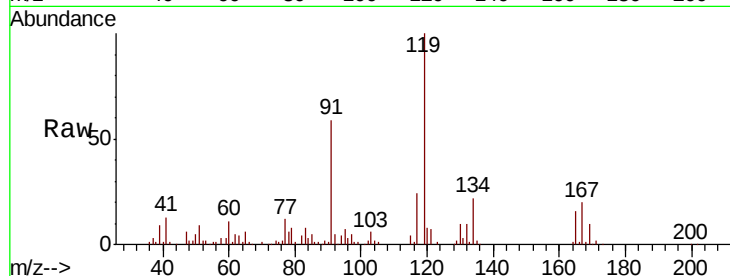
VSTDICCC010

Tot Ion:117 Resp: 40005

Ion Ratio Lower Upper

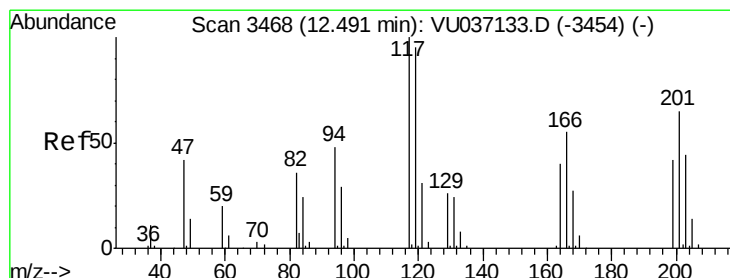
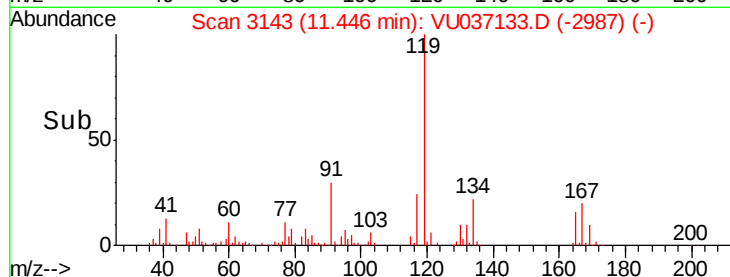
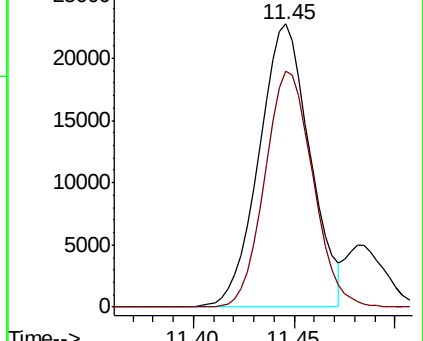
117 100

167 78.2 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: 11.924 ug/l

RT: 12.49 min Scan# 3468

Delta R.T. 0.00 min

Lab File: VU037133.D

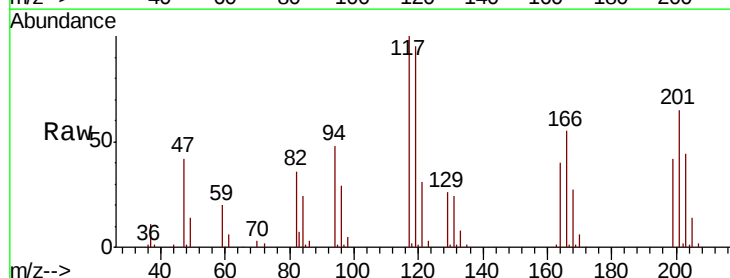
Acq: 09 Mar 2020 14:20

Tgt Ion:117 Resp: 43131

Ion Ratio Lower Upper

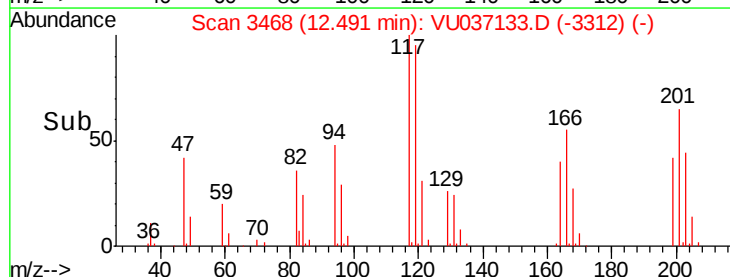
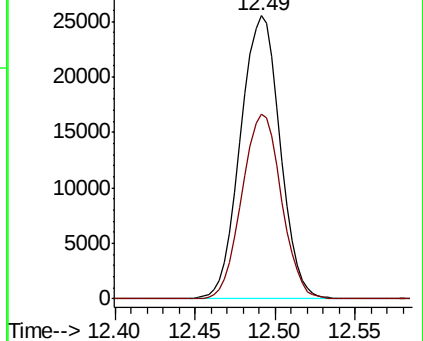
117 100

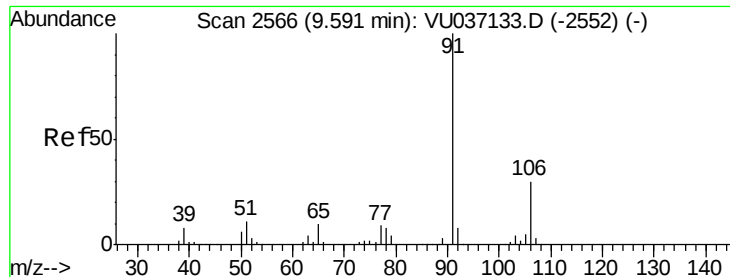
201 65.0 65.0 97.4



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.60 (200.30 to 201.30): V

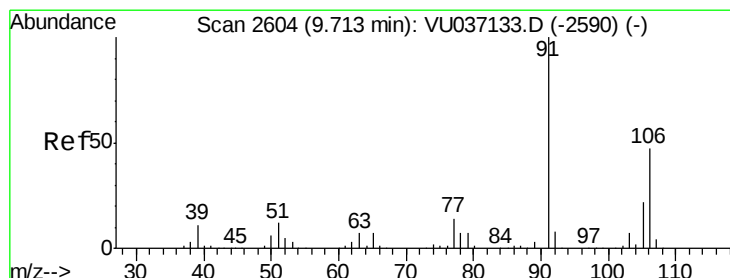
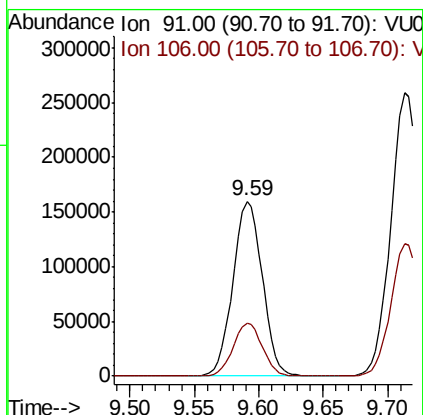
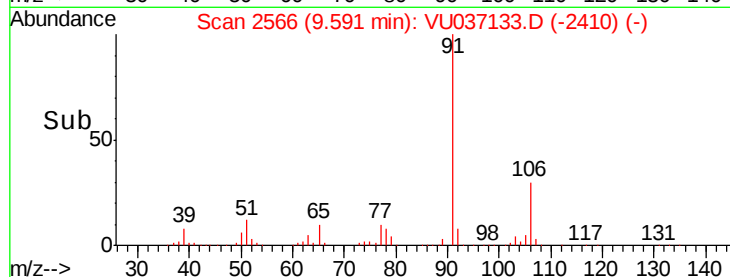
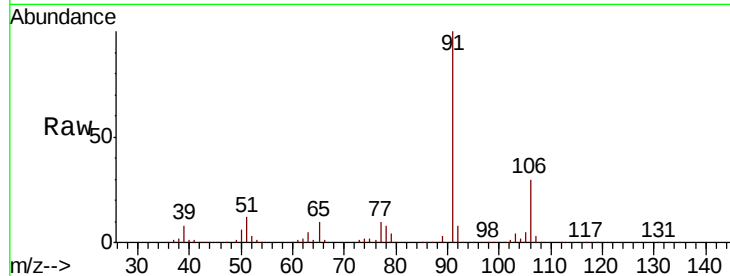




#63
Ethyl Benzene
Concen: 11.034 ug/l
RT: 9.59 min Scan# 2566
Delta R.T. 0.00 min
Lab File: VU037133.D
Acq: 09 Mar 2020 14:20

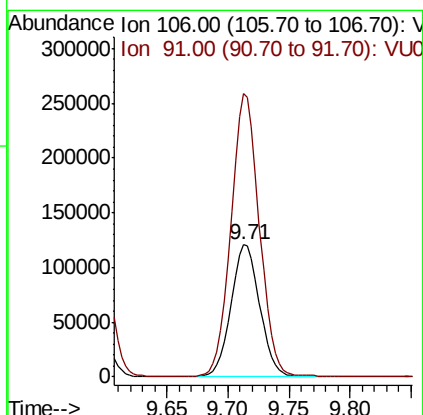
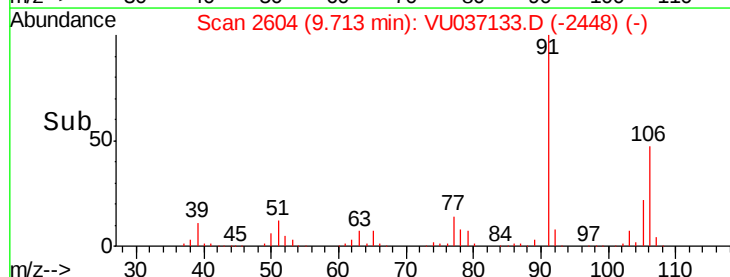
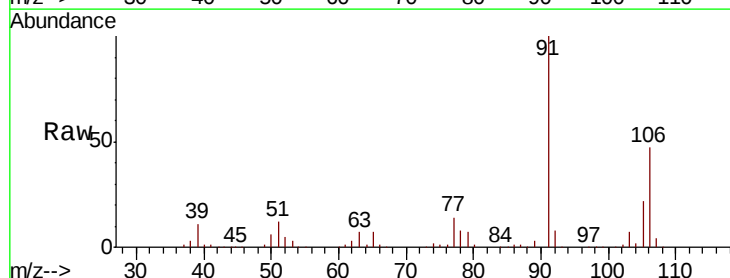
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

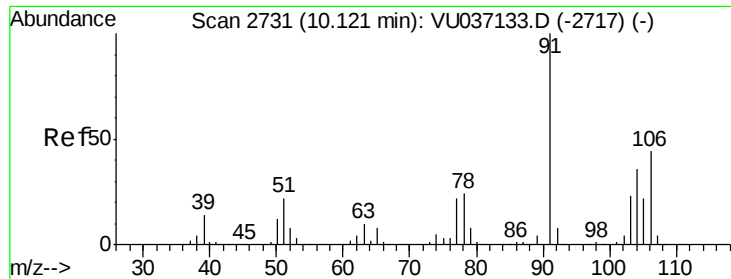
Tot Ion: 91 Resp: 254729
Ion Ratio Lower Upper
91 100
106 30.4 26.0 39.0



#64
m/p-Xylenes
Concen: 21.567 ug/l
RT: 9.71 min Scan# 2604
Delta R.T. 0.00 min
Lab File: VU037133.D
Acq: 09 Mar 2020 14:20

Tgt Ion: 106 Resp: 197073
Ion Ratio Lower Upper
106 100
91 212.2 158.2 237.4

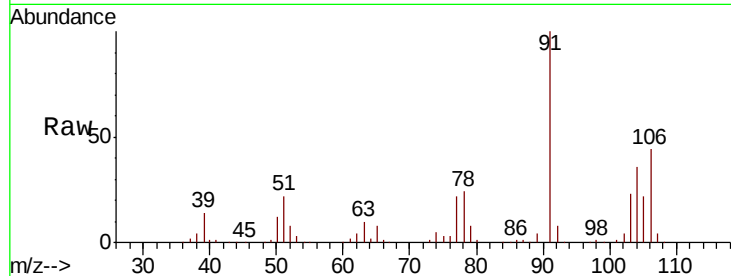




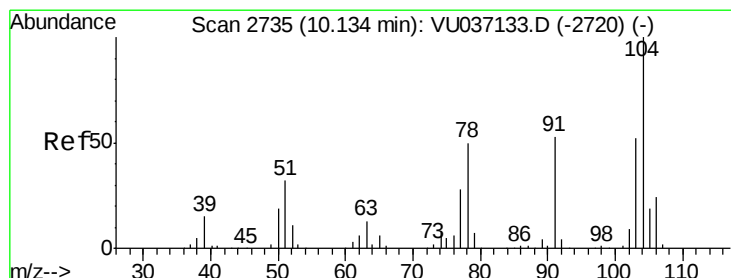
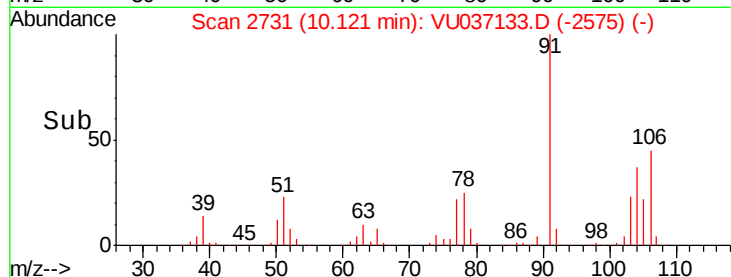
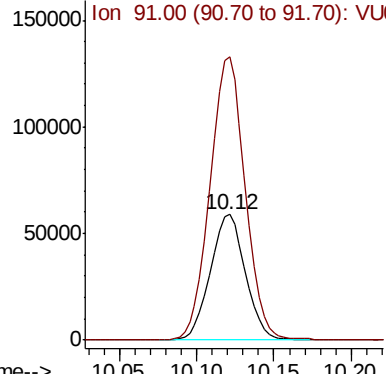
#65
o-Xylene
Concen: 10.540 ug/l
RT: 10.12 min Scan# 2731
Delta R.T. 0.00 min
Lab File: VU037133.D
Acq: 09 Mar 2020 14:20

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tot Ion:106 Resp: 93264
Ion Ratio Lower Upper
106 100
91 225.7 104.3 312.9

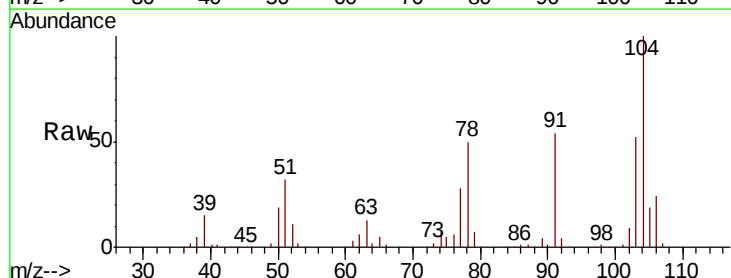


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

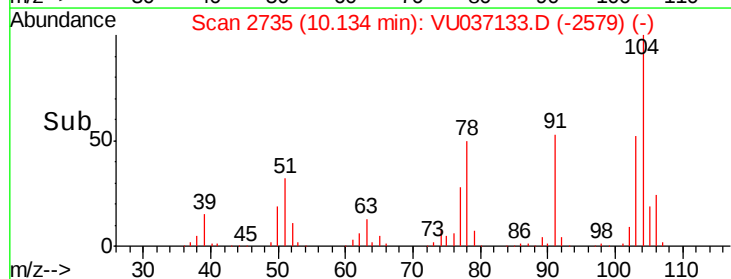
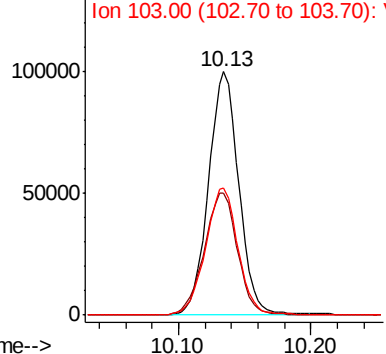


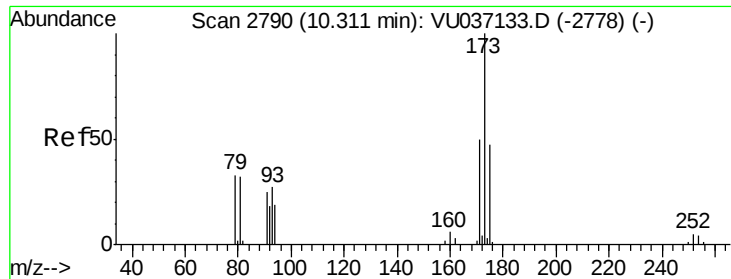
#66
Styrene
Concen: 10.748 ug/l
RT: 10.13 min Scan# 2735
Delta R.T. 0.00 min
Lab File: VU037133.D
Acq: 09 Mar 2020 14:20

Tgt Ion:104 Resp: 159259
Ion Ratio Lower Upper
104 100
78 55.1 38.6 57.8
103 56.2 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

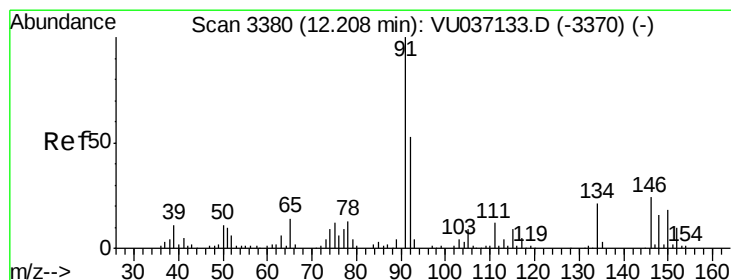
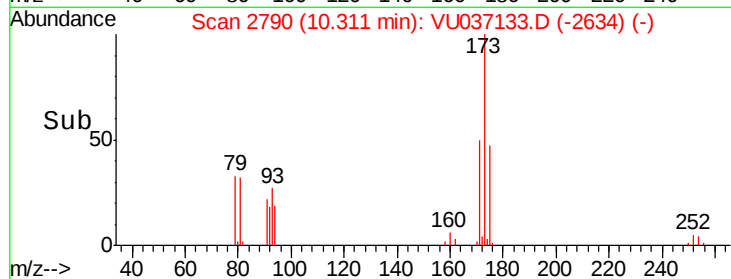
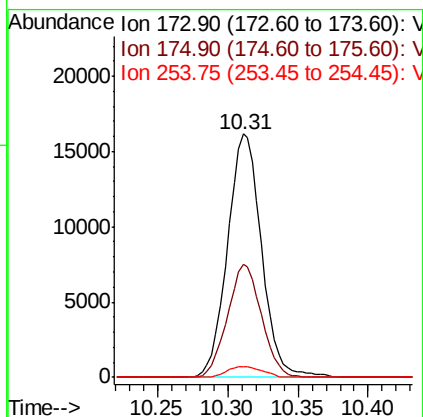
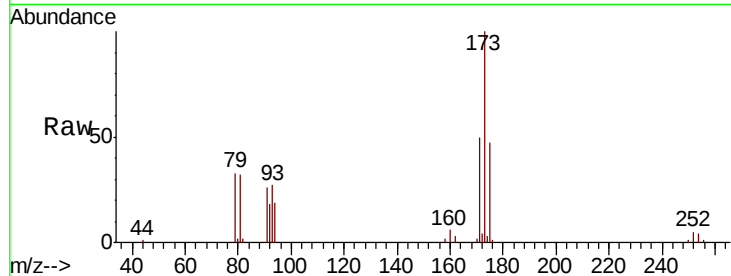




#67
Bromoform
Concen: 11.451 ug/l
RT: 10.31 min Scan# 2790
Delta R.T. 0.00 min
Lab File: VU037133.D
Acq: 09 Mar 2020 14:20

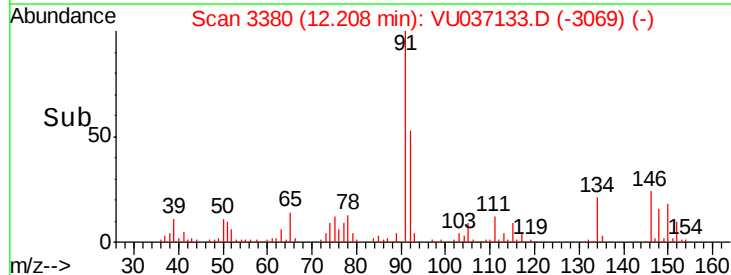
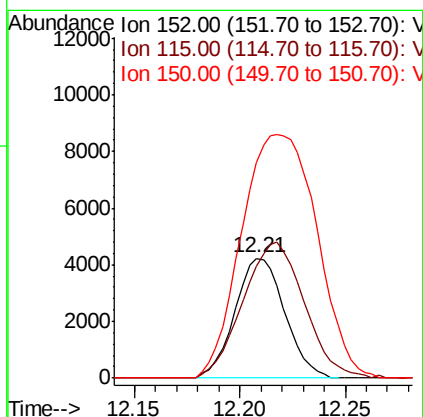
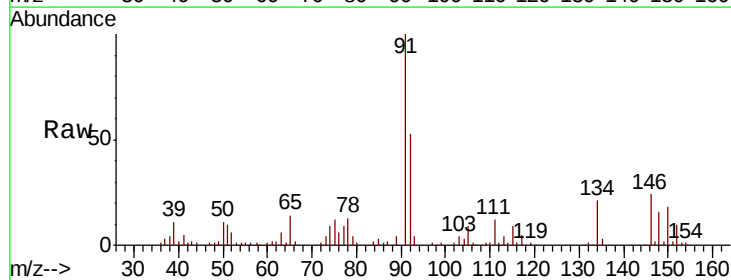
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

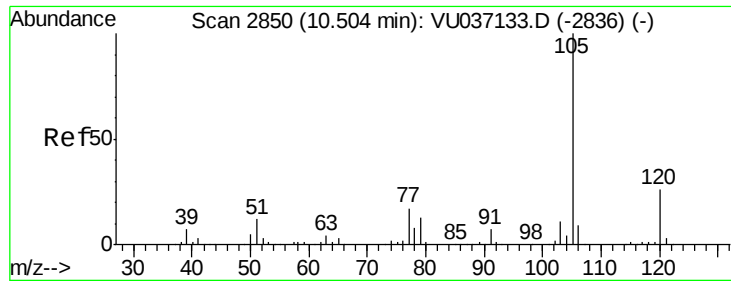
Tot Ion:173 Resp: 27228
Ion Ratio Lower Upper
173 100
175 46.1 38.3 57.5
254 4.5 6.6 9.8#



#68
1,2-Dichlorobenzene-d4
Concen: 1.029 ug/l
RT: 12.21 min Scan# 3380
Delta R.T. 0.00 min
Lab File: VU037133.D
Acq: 09 Mar 2020 14:20

Tgt Ion:152 Resp: 6954
Ion Ratio Lower Upper
152 100
115 140.0 0.0 241.8
150 306.9 0.0 652.4





#69

Isopropylbenzene

Concen: 10.866 ug/l

RT: 10.50 min Scan# 2850

Delta R.T. 0.00 min

Lab File: VU037133.D

Acq: 09 Mar 2020 14:20

Instrument :

MSVOA_U

ClientSampleId :

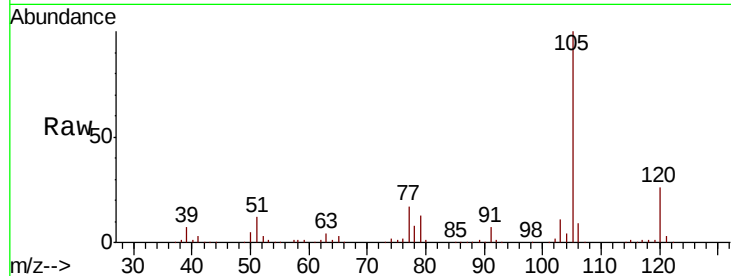
VSTDICCC010

Tot Ion:105 Resp: 252578

Ion Ratio Lower Upper

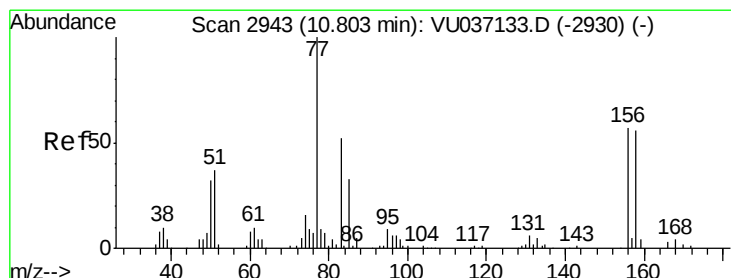
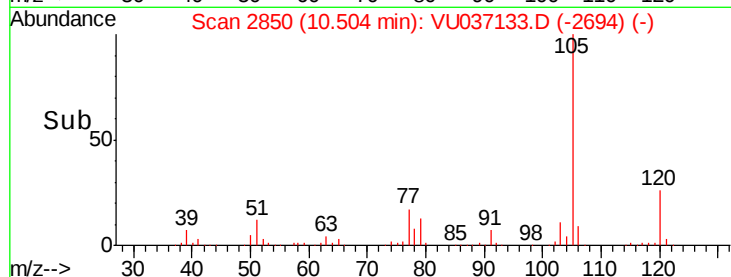
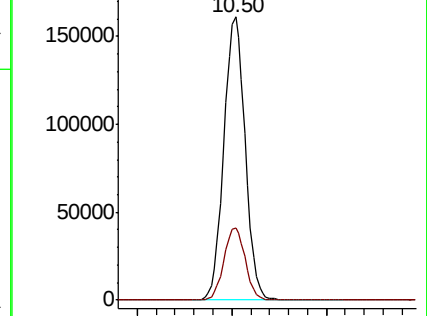
105 100

120 25.5 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#70

1,1,2,2-Tetrachloroethane

Concen: 11.309 ug/l

RT: 10.80 min Scan# 2943

Delta R.T. 0.00 min

Lab File: VU037133.D

Acq: 09 Mar 2020 14:20

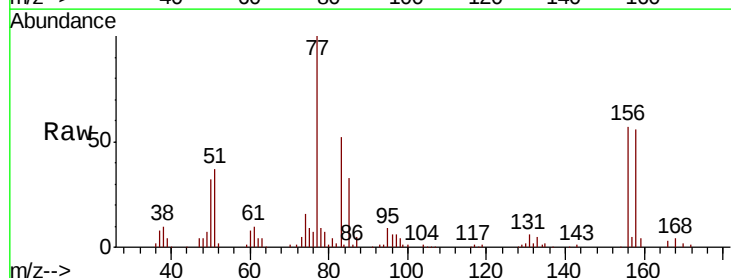
Tgt Ion: 83 Resp: 51465

Ion Ratio Lower Upper

83 100

131 10.2 7.8 11.8

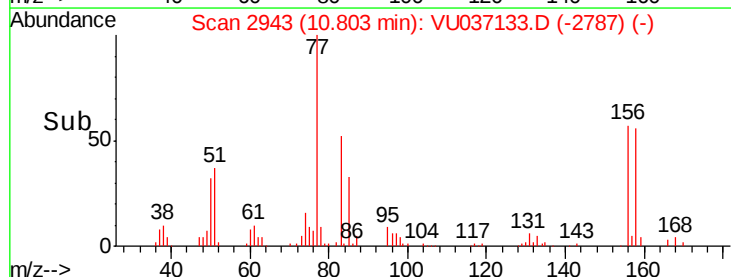
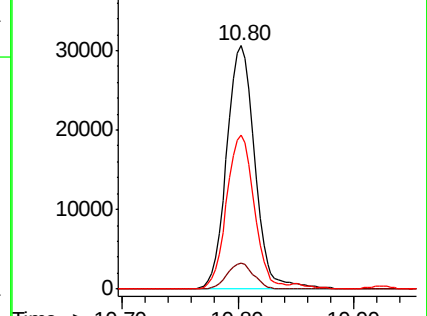
85 62.1 53.2 79.8

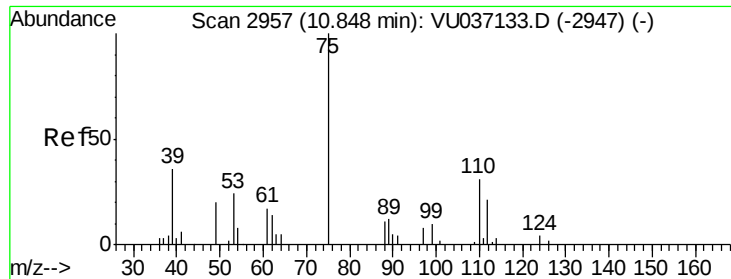


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VU0





#71

1,2,3-Trichloropropane

Concen: 20.703 ug/l

RT: 10.85 min Scan# 2957

Delta R.T. 0.00 min

Lab File: VU037133.D

Acq: 09 Mar 2020 14:20

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tot Ion: 75 Resp: 67223

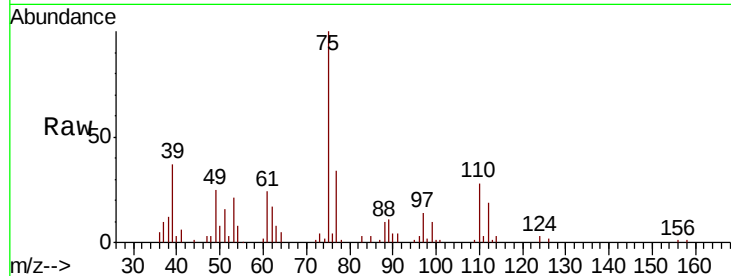
Ion Ratio Lower Upper

75 100

77 31.3 0.0 129.6

110 19.7 0.0 77.4

97 9.8 0.0 42.0

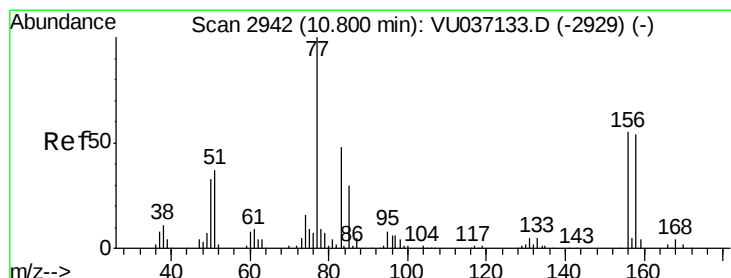
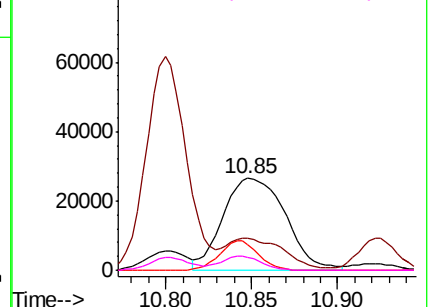
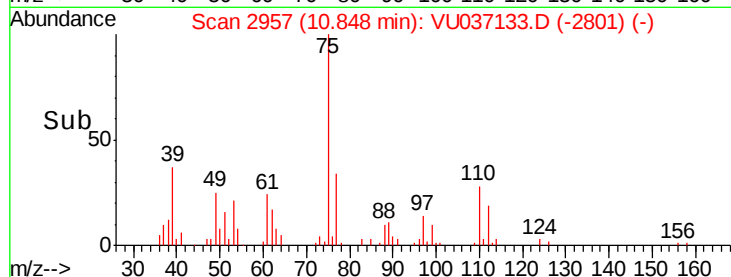


Abundance Ion 75.00 (74.70 to 75.70): VU0

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: 10.031 ug/l

RT: 10.80 min Scan# 2942

Delta R.T. 0.00 min

Lab File: VU037133.D

Acq: 09 Mar 2020 14:20

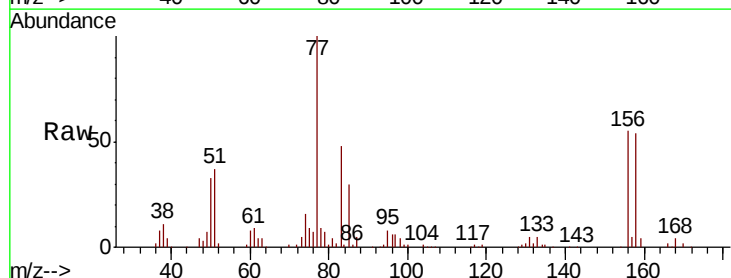
Tgt Ion: 156 Resp: 56176

Ion Ratio Lower Upper

156 100

77 177.1 0.0 306.6

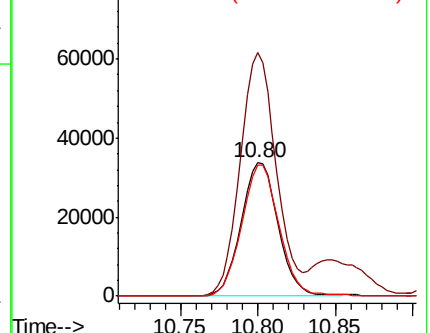
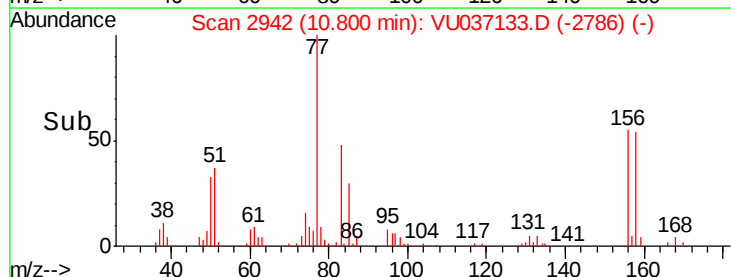
158 99.9 0.0 192.0

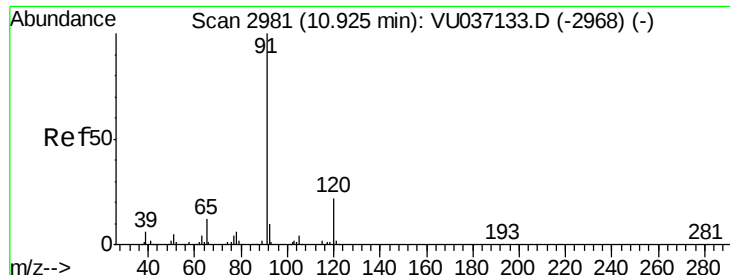


Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 158.00 (157.70 to 158.70): V

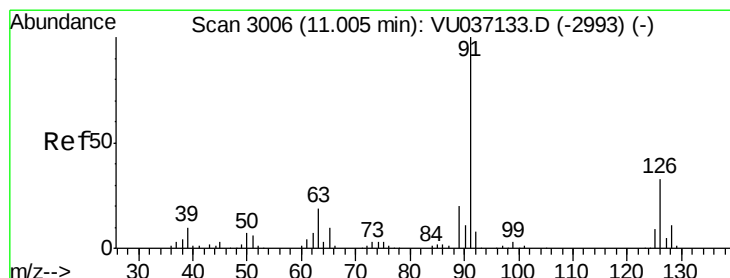
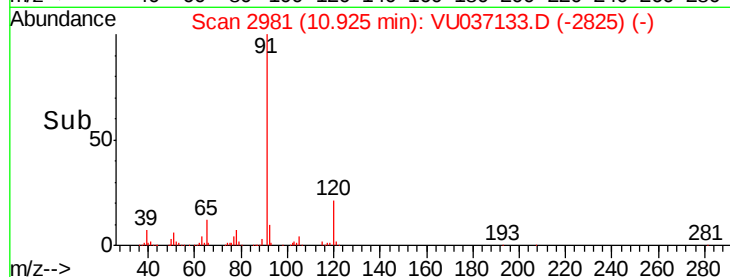
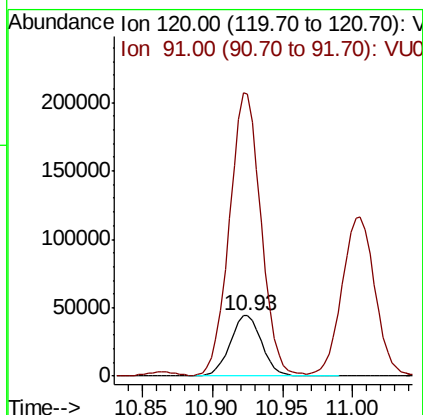
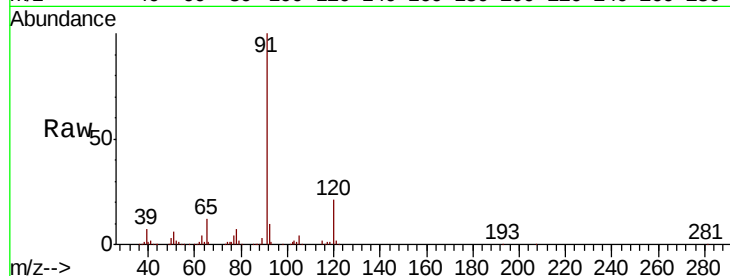




#73
n-propylbenzene
Concen: 10.641 ug/l
RT: 10.93 min Scan# 2981
Delta R.T. 0.00 min
Lab File: VU037133.D
Acq: 09 Mar 2020 14:20

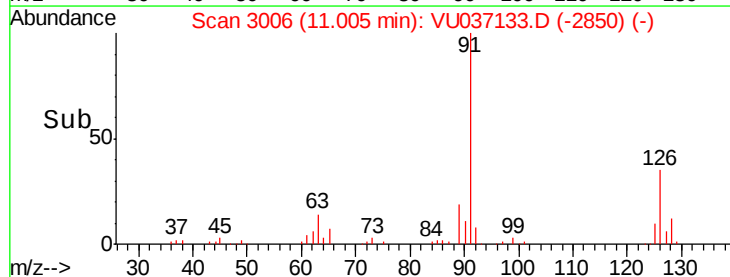
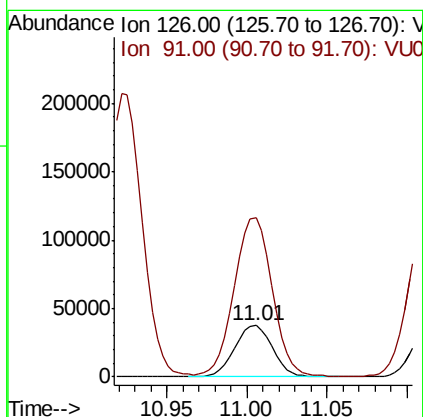
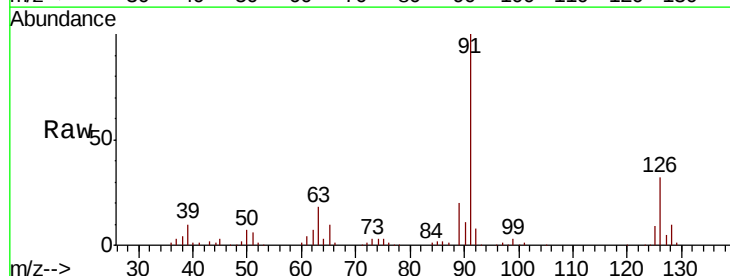
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

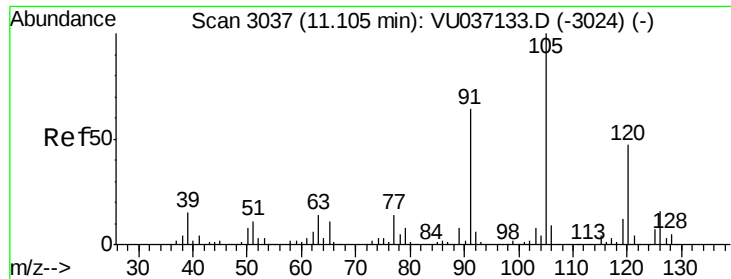
Tot Ion:120 Resp: 69405
Ion Ratio Lower Upper
120 100
91 463.4 329.5 494.3



#74
2-Chlorotoluene
Concen: 10.784 ug/l
RT: 11.01 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VU037133.D
Acq: 09 Mar 2020 14:20

Tgt Ion:126 Resp: 60410
Ion Ratio Lower Upper
126 100
91 311.0 0.0 567.4





#75

1,3,5-Trimethylbenzene

Concen: 11.214 ug/l

RT: 11.11 min Scan# 3037

Delta R.T. 0.00 min

Lab File: VU037133.D

Acq: 09 Mar 2020 14:20

Instrument :

MSVOA_U

ClientSampleId :

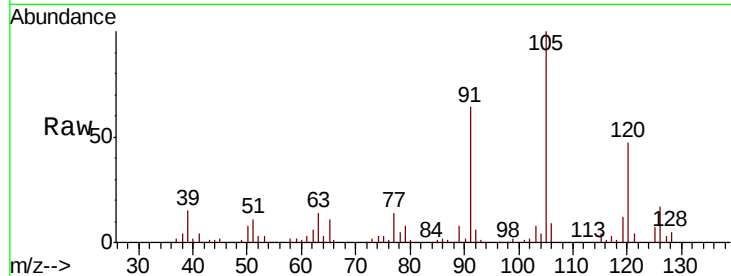
VSTDICCC010

Tot Ion:105 Resp: 223569

Ion Ratio Lower Upper

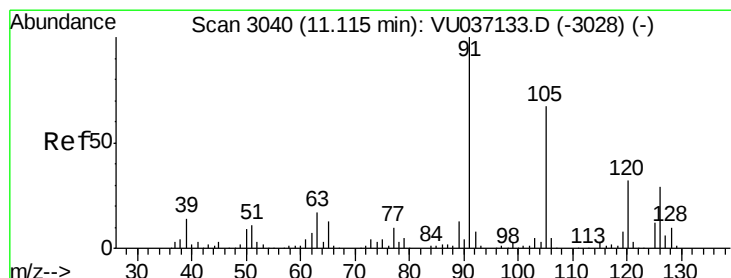
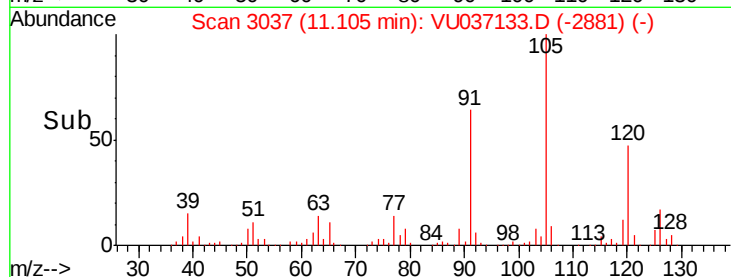
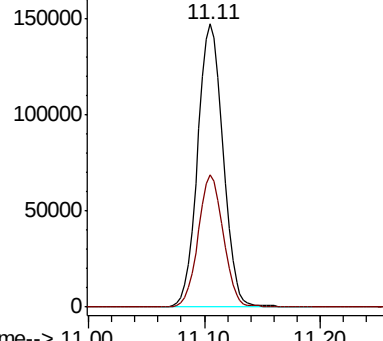
105 100

120 46.3 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: 10.628 ug/l

RT: 11.11 min Scan# 3040

Delta R.T. 0.00 min

Lab File: VU037133.D

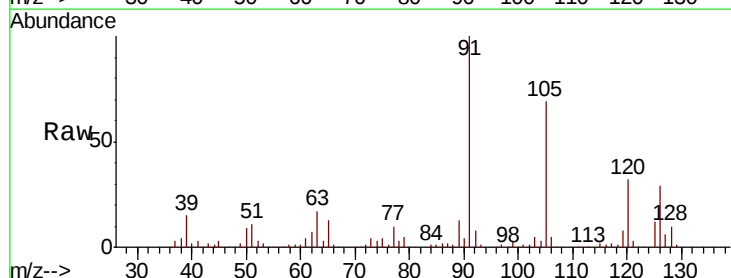
Acq: 09 Mar 2020 14:20

Tgt Ion:126 Resp: 61514

Ion Ratio Lower Upper

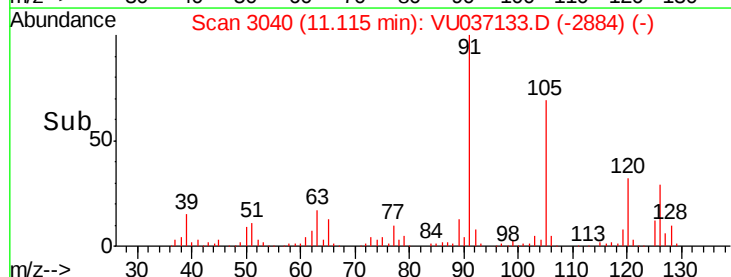
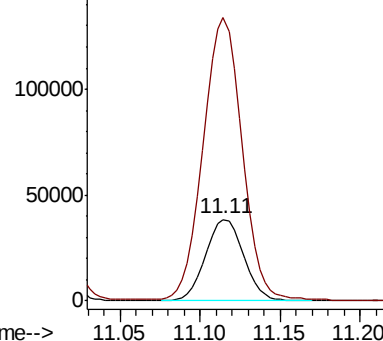
126 100

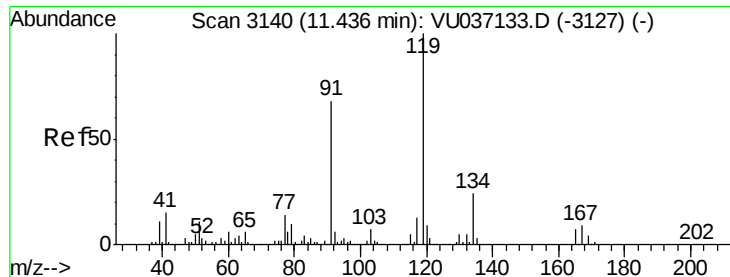
91 363.6 0.0 633.0



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU





#77

tert-Butylbenzene

Concen: 11.165 ug/l

RT: 11.44 min Scan# 3140

Delta R.T. 0.00 min

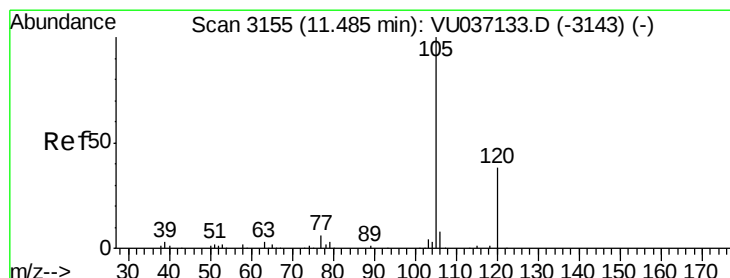
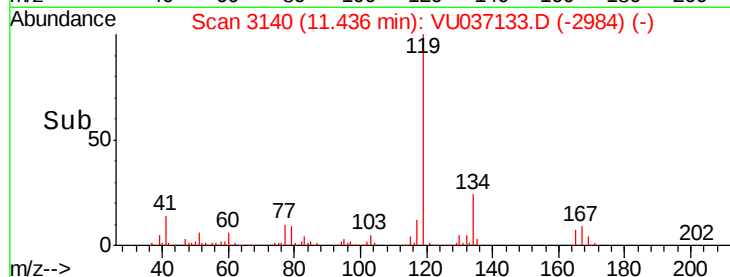
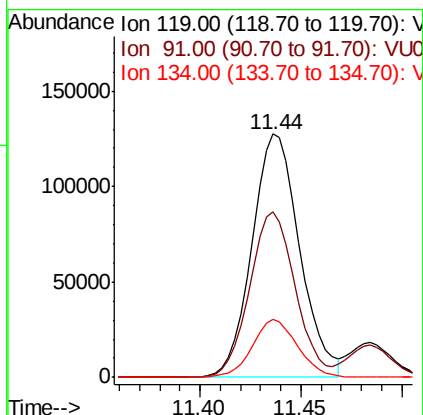
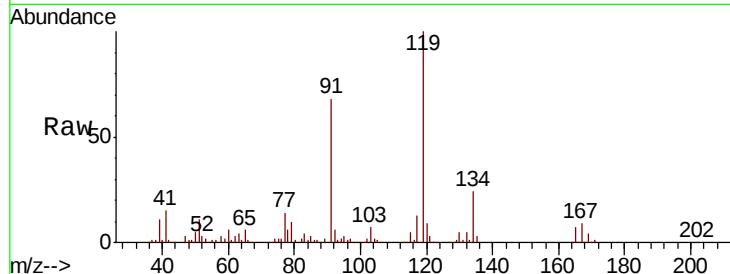
Lab File: VU037133.D

Acq: 09 Mar 2020 14:20

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tot Ion:119 Resp: 210928

Ion	Ratio	Lower	Upper
119	100		
91	65.1	29.3	87.8
134	22.6	19.0	28.4



#78

1,2,4-Trimethylbenzene

Concen: 11.278 ug/l

RT: 11.48 min Scan# 3155

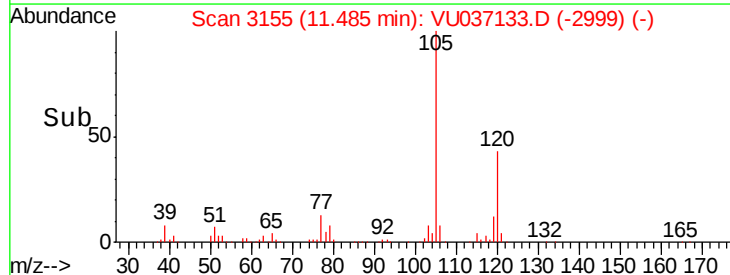
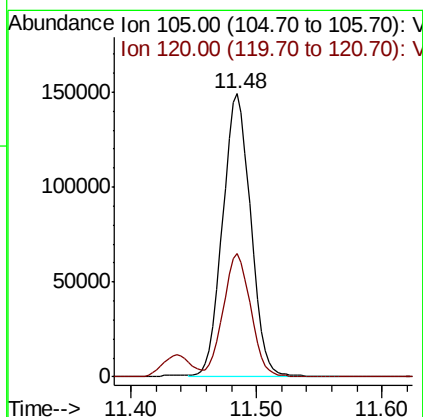
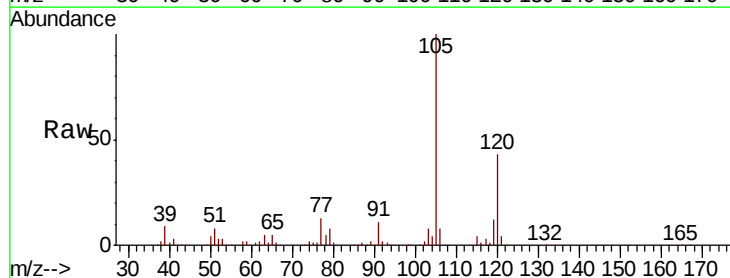
Delta R.T. 0.00 min

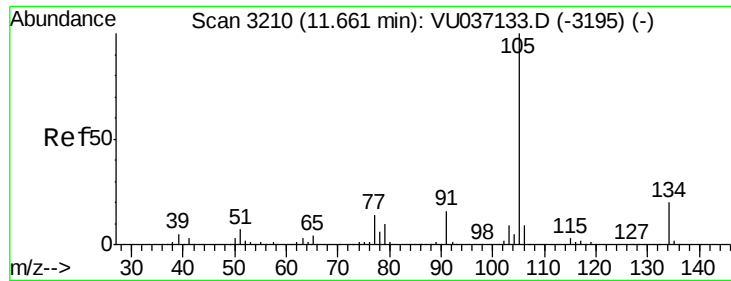
Lab File: VU037133.D

Acq: 09 Mar 2020 14:20

Tgt Ion:105 Resp: 231838

Ion	Ratio	Lower	Upper
105	100		
120	42.9	23.3	69.8

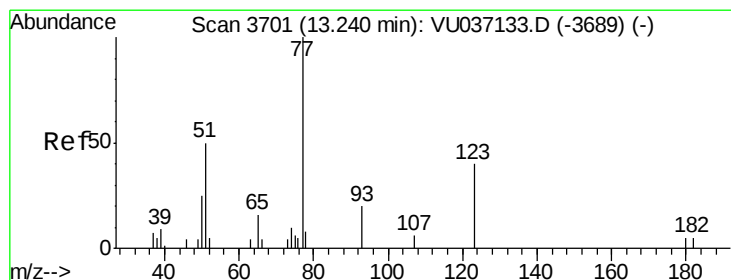
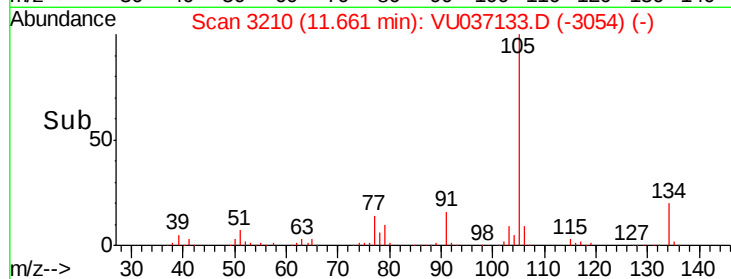
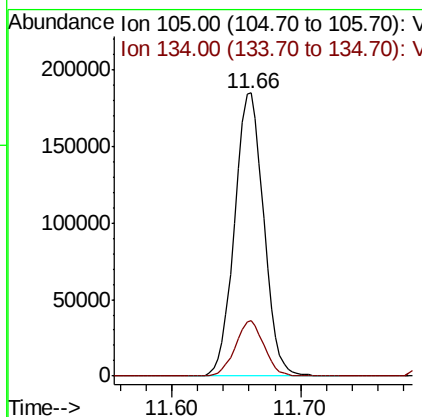
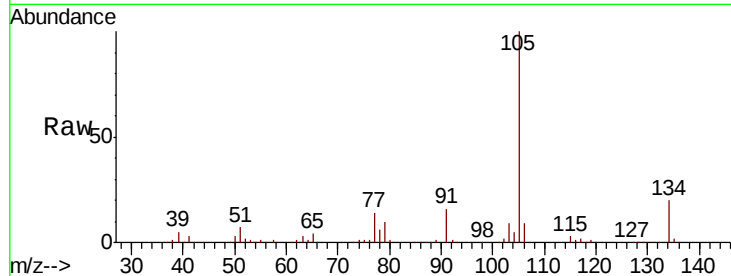




#79
 sec-Butylbenzene
 Concen: 11.053 ug/l
 RT: 11.66 min Scan# 3210
 Delta R.T. 0.00 min
 Lab File: VU037133.D
 Acq: 09 Mar 2020 14:20

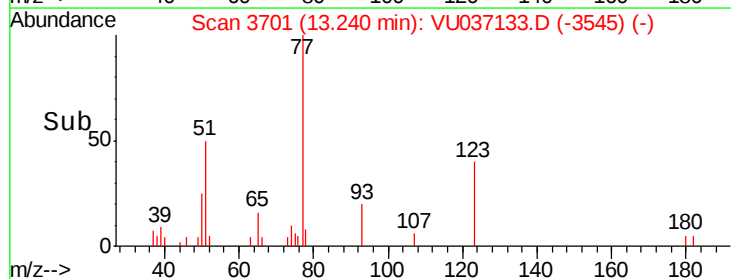
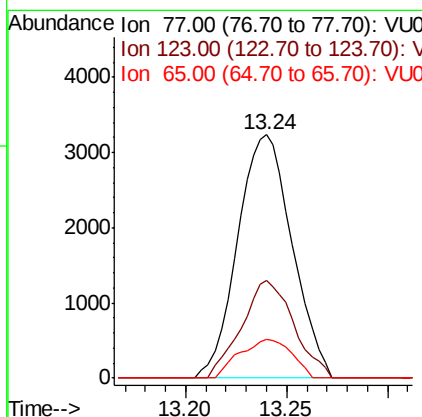
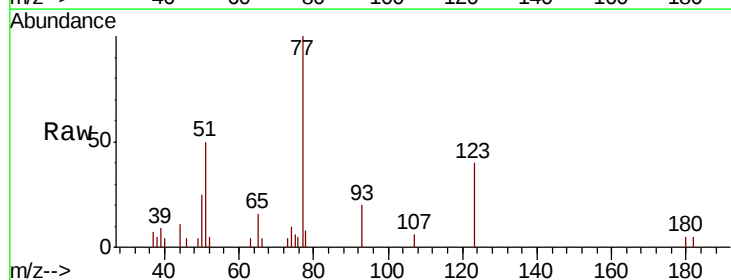
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

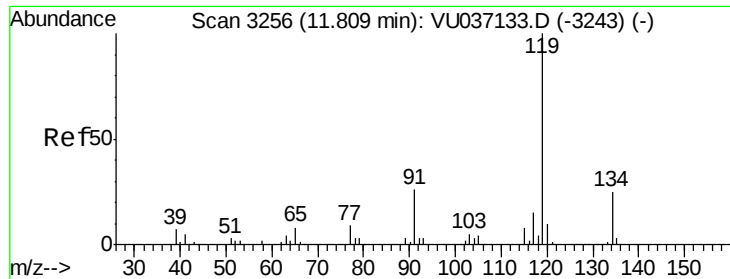
Tot Ion: 105 Resp: 289700
 Ion Ratio Lower Upper
 105 100
 134 19.3 16.0 24.0



#80
 Nitrobenzene
 Concen: 93.318 ug/l
 RT: 13.24 min Scan# 3701
 Delta R.T. 0.00 min
 Lab File: VU037133.D
 Acq: 09 Mar 2020 14:20

Tgt Ion: 77 Resp: 6094
 Ion Ratio Lower Upper
 77 100
 123 38.4 19.6 69.6
 65 15.3 12.7 16.1

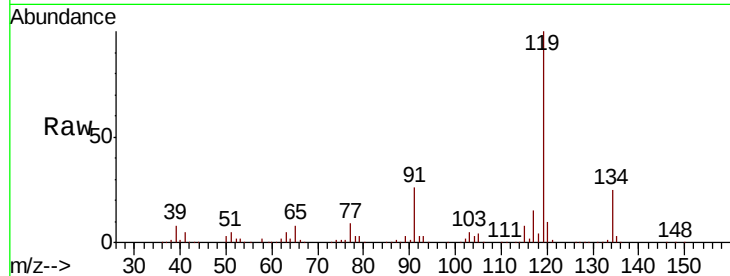




#81
 p-Isopropyltoluene
 Concen: 10.908 ug/l
 RT: 11.81 min Scan# 3256
 Delta R.T. 0.00 min
 Lab File: VU037133.D
 Acq: 09 Mar 2020 14:20

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

Tot Ion	Ratio	Lower	Upper
119	100		
134	25.5	21.4	32.0
91	26.5	18.3	27.5

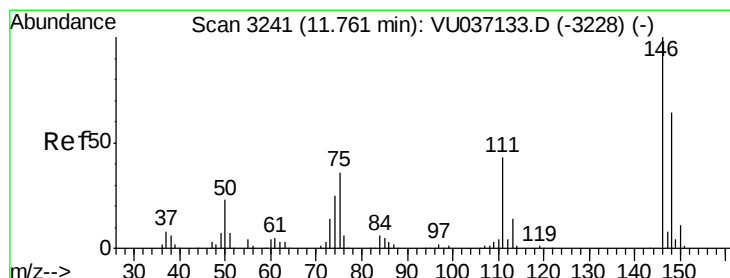
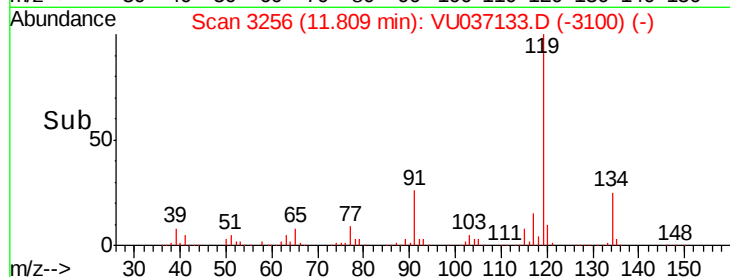
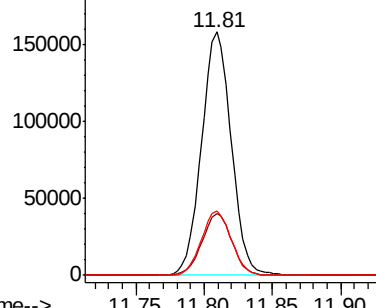


Abundance

Ion 119.00 (118.70 to 119.70): V

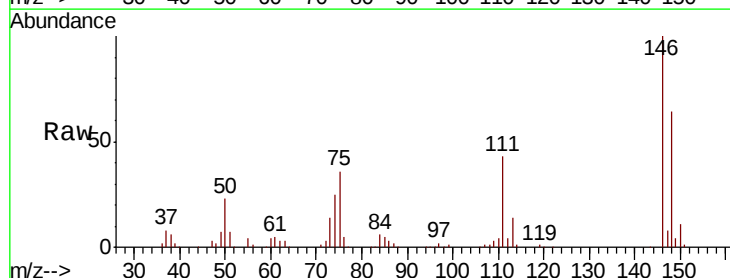
Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



#82
 1,3-Dichlorobenzene
 Concen: 10.375 ug/l
 RT: 11.76 min Scan# 3241
 Delta R.T. 0.00 min
 Lab File: VU037133.D
 Acq: 09 Mar 2020 14:20

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.6	32.2	48.2
148	63.7	51.4	77.2

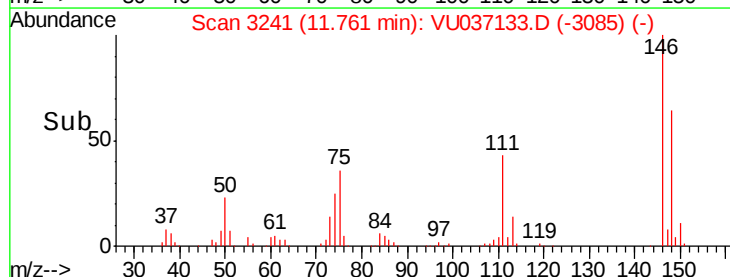
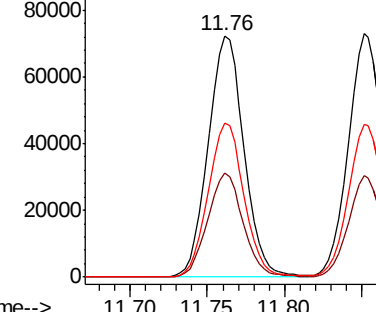


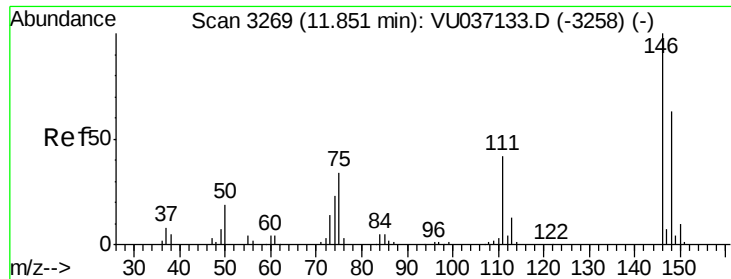
Abundance

Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

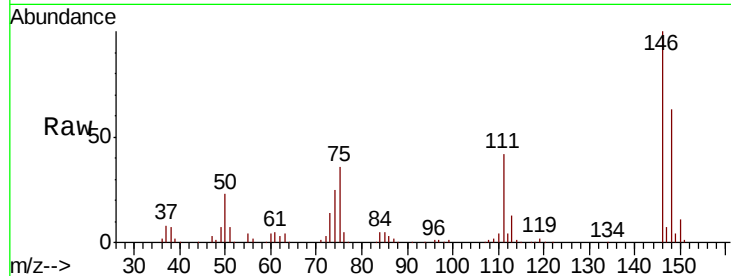




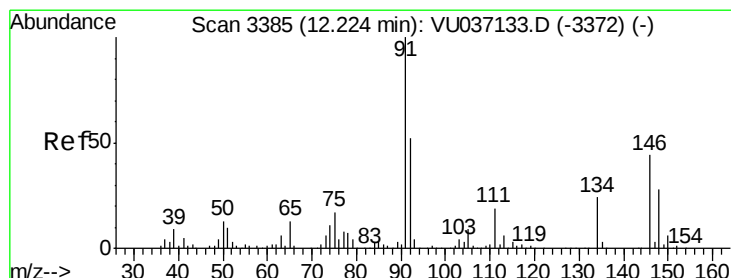
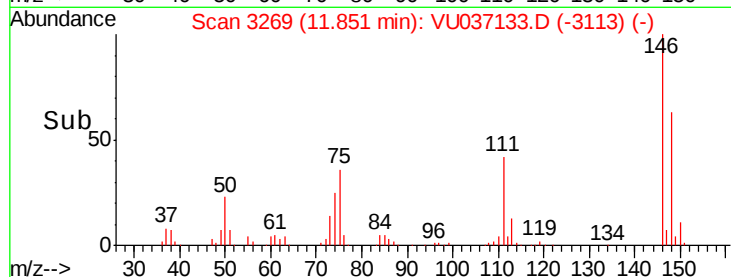
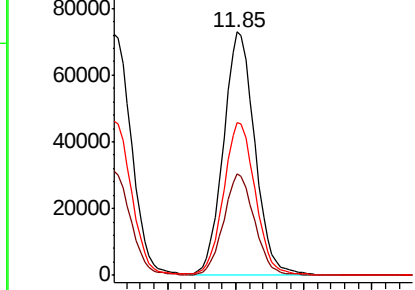
#83
1,4-Dichlorobenzene
Concen: 10.426 ug/l
RT: 11.85 min Scan# 3269
Delta R.T. 0.00 min
Lab File: VU037133.D
Acq: 09 Mar 2020 14:20

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tot Ion:146 Resp: 116762
Ion Ratio Lower Upper
146 100
111 41.0 30.5 45.7
148 63.4 51.0 76.4

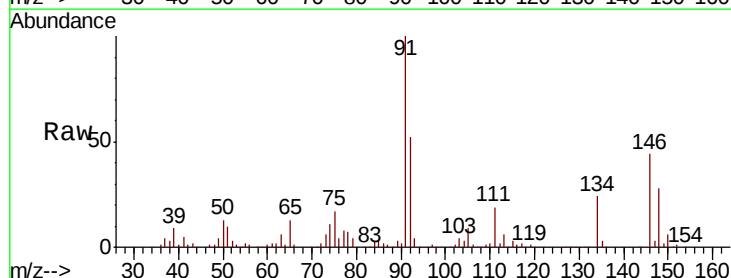


Abundance Ion 146.00 (145.70 to 146.70): V
Ion 111.00 (110.70 to 111.70): V
Ion 148.00 (147.70 to 148.70): V

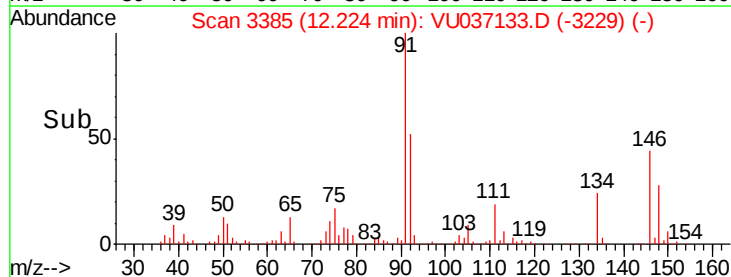
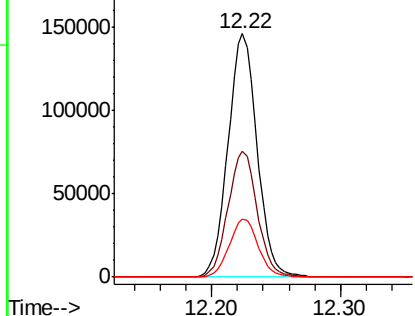


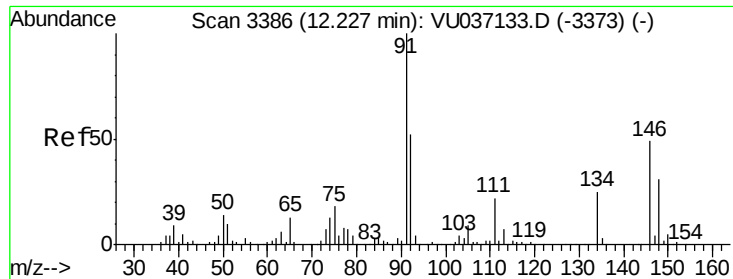
#84
n-Butylbenzene
Concen: 11.245 ug/l
RT: 12.22 min Scan# 3385
Delta R.T. 0.00 min
Lab File: VU037133.D
Acq: 09 Mar 2020 14:20

Tgt Ion: 91 Resp: 227823
Ion Ratio Lower Upper
91 100
92 52.0 42.9 64.3
134 23.8 21.4 32.0



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

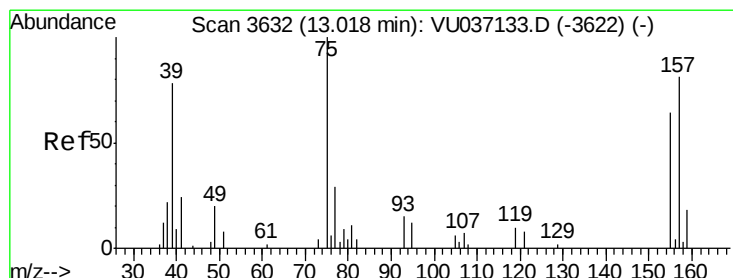
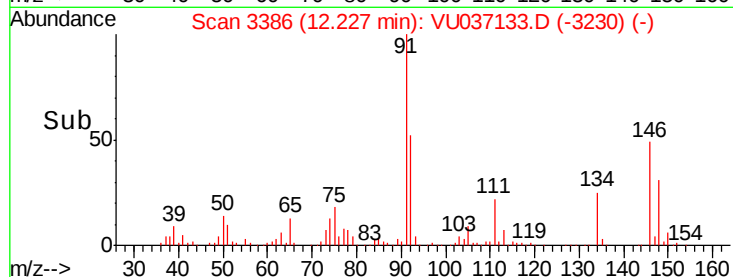
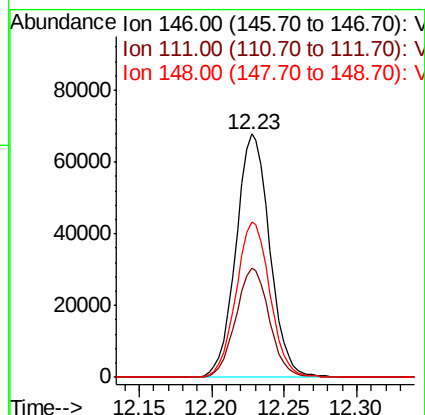
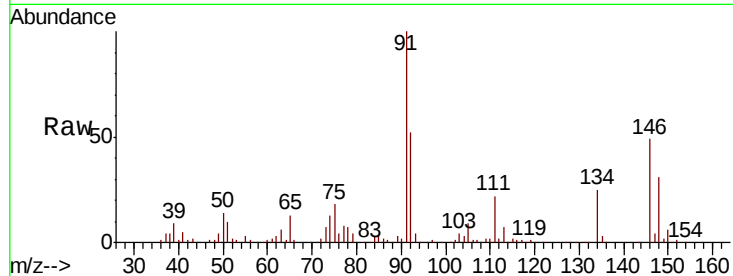




#85
 1,2-Dichlorobenzene
 Concen: 10.211 ug/l
 RT: 12.23 min Scan# 3386
 Delta R.T. 0.00 min
 Lab File: VU037133.D
 Acq: 09 Mar 2020 14:20

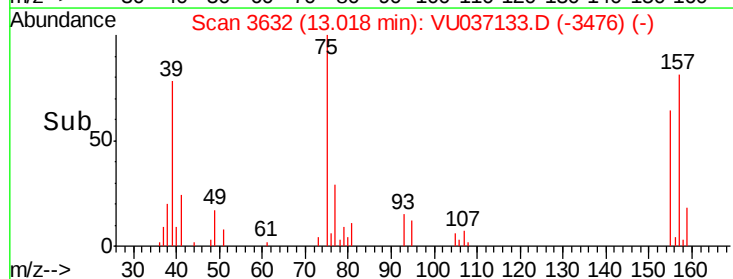
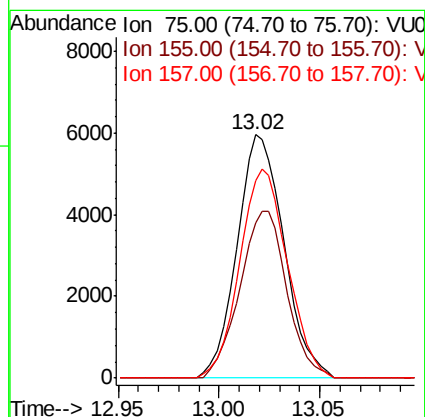
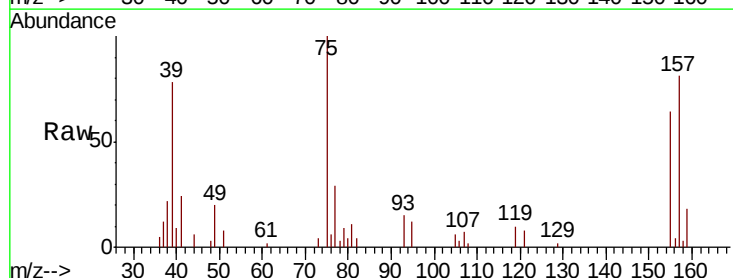
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

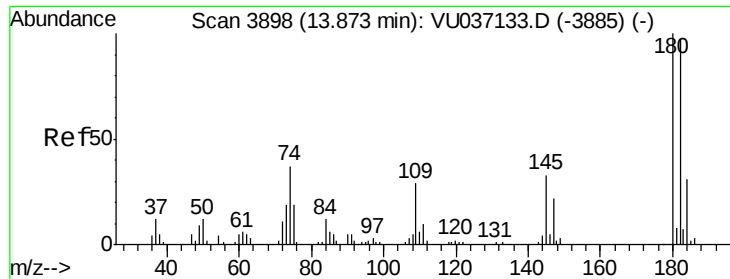
Tot Ion:146 Resp: 109486
 Ion Ratio Lower Upper
 146 100
 111 44.7 20.8 62.4
 148 64.2 32.0 96.2



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 12.547 ug/l
 RT: 13.02 min Scan# 3632
 Delta R.T. 0.00 min
 Lab File: VU037133.D
 Acq: 09 Mar 2020 14:20

Tgt Ion: 75 Resp: 9665
 Ion Ratio Lower Upper
 75 100
 155 68.8 71.8 107.8#
 157 87.5 92.4 138.6#

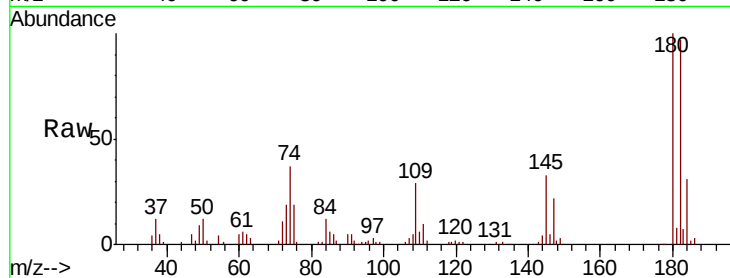




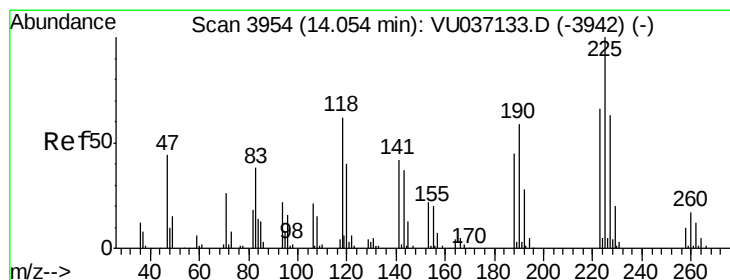
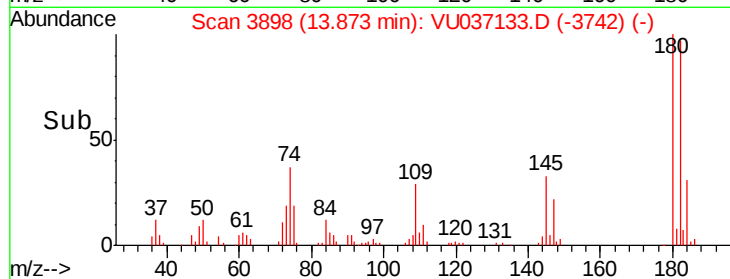
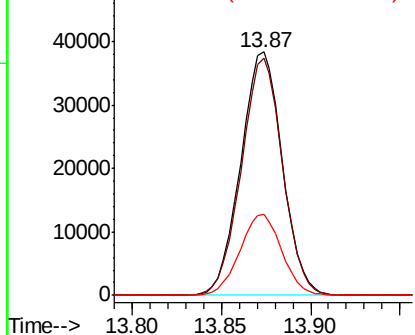
#87
 1,2,4-Trichlorobenzene
 Concen: 9.085 ug/l
 RT: 13.87 min Scan# 3898
 Delta R.T. 0.00 min
 Lab File: VU037133.D
 Acq: 09 Mar 2020 14:20

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

Tot Ion:180 Resp: 62305
 Ion Ratio Lower Upper
 180 100
 182 96.4 75.9 113.9
 145 33.4 23.4 35.2

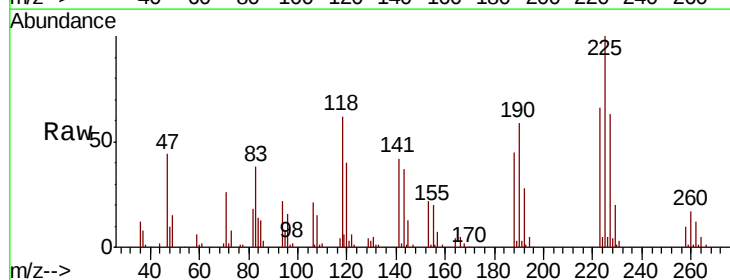


Abundance Ion 179.70 (179.40 to 180.40): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

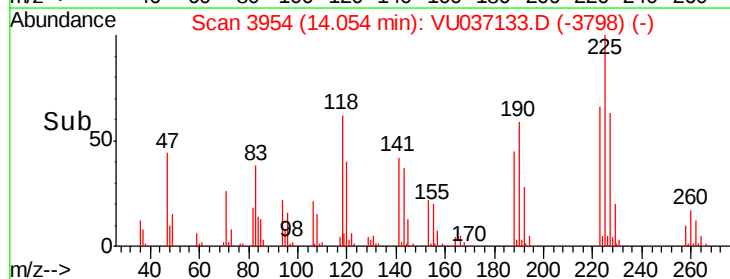
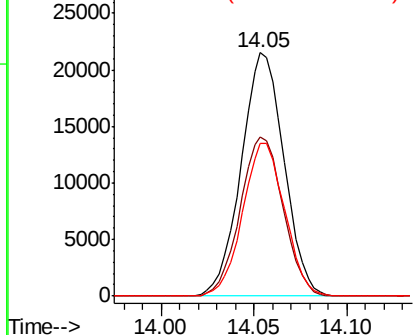


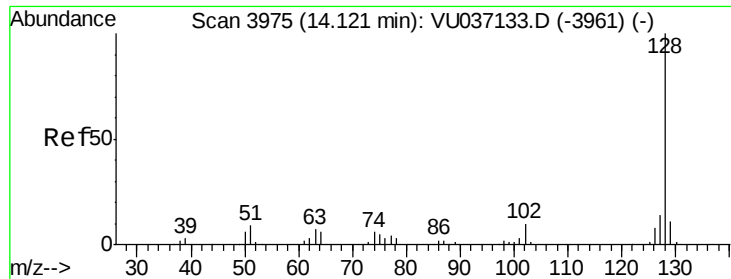
#88
 Hexachlorobutadiene
 Concen: 9.161 ug/l
 RT: 14.05 min Scan# 3954
 Delta R.T. 0.00 min
 Lab File: VU037133.D
 Acq: 09 Mar 2020 14:20

Tgt Ion:225 Resp: 34435
 Ion Ratio Lower Upper
 225 100
 223 65.3 51.7 77.5
 227 61.8 50.6 75.8



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





#89

Naphthalene

Concen: 9.614 ug/l

RT: 14.12 min Scan# 3975

Delta R.T. 0.00 min

Lab File: VU037133.D

Acq: 09 Mar 2020 14:20

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

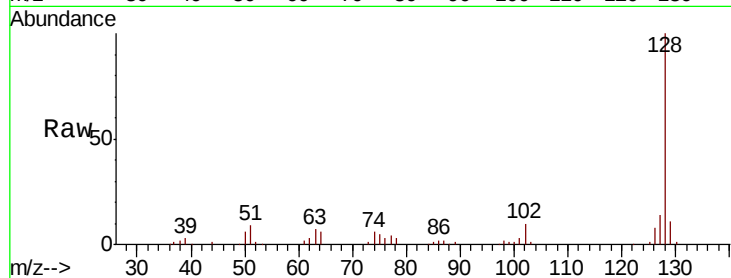
Tot Ion:128 Resp: 113600

Ion Ratio Lower Upper

128 100

127 13.6 10.5 15.7

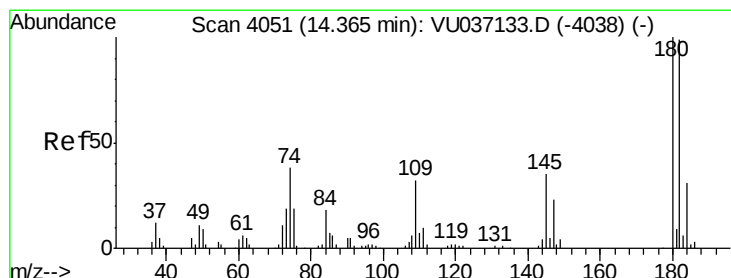
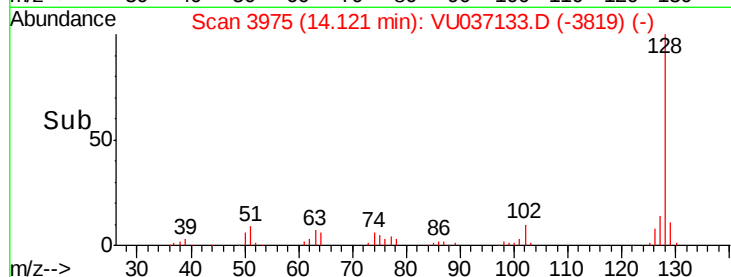
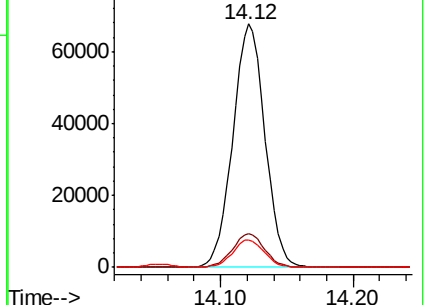
129 11.1 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#90

1,2,3-Trichlorobenzene

Concen: 9.172 ug/l

RT: 14.37 min Scan# 4051

Delta R.T. 0.00 min

Lab File: VU037133.D

Acq: 09 Mar 2020 14:20

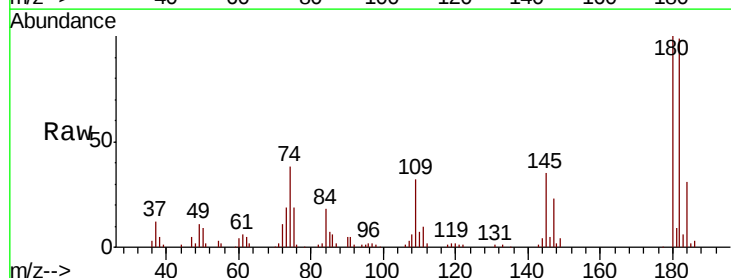
Tgt Ion:180 Resp: 59162

Ion Ratio Lower Upper

180 100

182 97.3 76.2 114.4

145 34.2 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

