

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030920\
 Data File : VU037134.D
 Acq On : 09 Mar 2020 14:48
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

Quant Time: Mar 09 15:30:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U030920DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Mon Mar 09 15:28:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	6.15	96	17464	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.65	95	7389	1.12	ug/l	0.00
Spiked Amount	1.000		Recovery	=	112.00%	
68) 1,2-Dichlorobenzene-d4	12.21	152	7149	1.06	ug/l	0.00
Spiked Amount	1.000		Recovery	=	106.00%	

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	164168	28.438	ug/l 99
3) Chloromethane	1.54	50	167736	27.102	ug/l 100
4) Vinyl Chloride	1.62	62	151228	21.573	ug/l 98
5) Bromomethane	1.86	94	54613	12.538	ug/l 98
6) Chloroethane	1.95	64	67557	16.268	ug/l 100
7) Trichlorofluoromethane	2.16	101	173797	25.094	ug/l 99
8) 1,1,2-Trichloro-1,2,2-trif	2.60	101	81241	18.830	ug/l 94
9) 1,1-Dichloroethene	2.60	96	76431	16.642	ug/l 77
10) Iodomethane	2.75	142	57803	11.734	ug/l # 75
11) Allyl Chloride	2.95	41	149979	23.619	ug/l # 65
12) Acrylonitrile	3.36	53	35692	31.686	ug/l # 88
13) Acetone	2.66	43	92612	100.858	ug/l # 77
14) Carbon Disulfide	2.82	76	258452	16.250	ug/l 100
15) Methylene Chloride	3.08	84	84224	13.924	ug/l # 78
16) trans-1,2-Dichloroethene	3.38	96	81069	16.003	ug/l 84
17) 1,1-Dichloroethane	3.91	63	182687	22.129	ug/l 98
18) 2-Butanone	4.76	43	158515	131.077	ug/l 97
19) Cyclohexane	5.42	56	157140	20.825	ug/l 96
20) Methylcyclohexane	6.79	83	176390	20.937	ug/l 90
21) 2,2-Dichloropropane	4.70	77	169488	24.049	ug/l 96
22) cis-1,2-Dichloroethene	4.71	96	105852	20.139	ug/l 84
23) Diethyl Ether	2.40	59	66466	18.736	ug/l 88
24) tert-Butyl Alcohol	3.24	59	77133	243.284	ug/l 98
25) Methyl tert-Butyl Ether	3.41	73	224229	18.633	ug/l # 73
26) Bromochloromethane	5.02	128	43322	19.030	ug/l 79
27) Chloroform	5.13	83	195874	23.987	ug/l 97
28) 1,1,1-Trichloroethane	5.35	97	175593	25.644	ug/l 97
29) 1,1-Dichloropropene	5.56	75	147485	22.070	ug/l 96
30) Carbon Tetrachloride	5.56	117	157264	26.823	ug/l 97
31) Isopropyl Ether	4.05	45	316709	25.273	ug/l 88
32) Ethyl-t-butyl ether	4.56	59	301338	22.983	ug/l 93
33) Tert-Amyl methyl ether	5.98	73	261252	21.761	ug/l 99
34) Propionitrile	4.83	54	42068	120.680	ug/l # 92
35) Benzene	5.81	78	404458	20.901	ug/l 98
36) 1,2-Dichloroethane	5.83	62	141975	27.255	ug/l # 93
37) Trichloroethene	6.57	130	104595	19.578	ug/l 93
38) 1,2-Dichloropropane	6.83	63	110486	22.709	ug/l 100
39) Methacrylonitrile	5.02	41	40650	27.747	ug/l # 84
40) Methyl acrylate	4.89	55	55103	23.730	ug/l # 94
41) Tetrahydrofuran	5.11	42	39911	50.003	ug/l # 86
42) 1-Chlorobutane	5.49	56	214262	24.748	ug/l 84

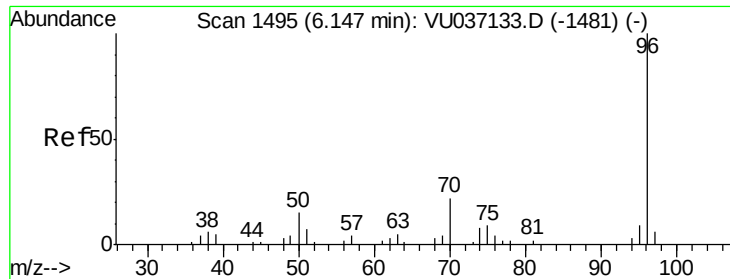
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030920\
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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Mon Mar 09 15:28:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.95	93	56715	22.334	ug/l	90
44) Bromodichloromethane	7.14	83	149694	24.920	ug/l	100
45) 4-Methyl-2-Pentanone	7.83	43	397830	139.049	ug/l #	87
46) t-1,4-Dichloro-2-butene	10.85	75	139419	110.651	ug/l #	69
47) Methyl methacrylate	7.00	69	105971	42.584	ug/l #	66
48) Ethyl methacrylate	8.36	69	104844	21.812	ug/l	68
49) Toluene	8.00	92	263279	21.314	ug/l	100
50) t-1,3-Dichloropropene	8.24	75	145521	24.311	ug/l	99
51) cis-1,3-Dichloropropene	7.64	75	162072	22.342	ug/l #	81
52) 1,1,2-Trichloroethane	8.43	97	77450	21.496	ug/l	98
53) 1,3-Dichloropropane	8.60	76	136232	22.059	ug/l	100
54) 2-Hexanone	8.71	43	286606	142.839	ug/l	87
55) Dibromochloromethane	8.84	129	97475	23.498	ug/l	100
56) 1,2-Dibromoethane	8.95	107	74105	21.360	ug/l	97
58) Tetrachloroethene	8.58	164	97045	18.174	ug/l	95
59) Chlorobenzene	9.47	112	283401	20.597	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.56	131	104073	23.683	ug/l	96
61) Pentachloroethane	11.45	117	81457	28.730	ug/l	96
62) Hexachloroethane	12.49	117	90812	25.133	ug/l	84
63) Ethyl Benzene	9.59	91	529663	22.969	ug/l	95
64) m/p-Xylenes	9.71	106	390508	42.783	ug/l	88
65) o-Xylene	10.12	106	189505	21.440	ug/l	89
66) Styrene	10.13	104	323422	21.850	ug/l	94
67) Bromoform	10.31	173	55078	23.189	ug/l #	98
69) Isopropylbenzene	10.50	105	523202	22.533	ug/l	97
70) 1,1,2,2-Tetrachloroethane	10.80	83	103367	22.739	ug/l	97
71) 1,2,3-Trichloropropane	10.85	75	139419	42.984	ug/l	64
72) Bromobenzene	10.80	156	117440	20.993	ug/l	89
73) n-propylbenzene	10.92	120	142335	21.847	ug/l	78
74) 2-Chlorotoluene	11.01	126	123681	22.102	ug/l	87
75) 1,3,5-Trimethylbenzene	11.11	105	463863	23.293	ug/l	93
76) 4-Chlorotoluene	11.11	126	126520	21.882	ug/l	79
77) tert-Butylbenzene	11.44	119	435406	23.073	ug/l	93
78) 1,2,4-Trimethylbenzene	11.48	105	475743	23.168	ug/l	95
79) sec-Butylbenzene	11.66	105	600517	22.938	ug/l	98
80) Nitrobenzene	13.24	77	16285	249.645	ug/l	94
81) p-Isopropyltoluene	11.81	119	495834	22.659	ug/l	95
82) 1,3-Dichlorobenzene	11.76	146	239347	21.385	ug/l	98
83) 1,4-Dichlorobenzene	11.85	146	238699	21.338	ug/l	98
84) n-Butylbenzene	12.22	91	482800	23.857	ug/l	97
85) 1,2-Dichlorobenzene	12.23	146	220053	20.546	ug/l	98
86) 1,2-Dibromo-3-Chloropropan	13.02	75	19339	25.133	ug/l #	79
87) 1,2,4-Trichlorobenzene	13.87	180	139356	20.342	ug/l	98
88) Hexachlorobutadiene	14.05	225	69041	18.387	ug/l	99
89) Naphthalene	14.12	128	265538	22.497	ug/l	100
90) 1,2,3-Trichlorobenzene	14.37	180	126034	19.561	ug/l	98

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



#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 6.15 min Scan# 1495

Delta R.T. -0.00 min

Lab File: VU037134.D

Acq: 09 Mar 2020 14:48

Instrument :

MSVOA_U

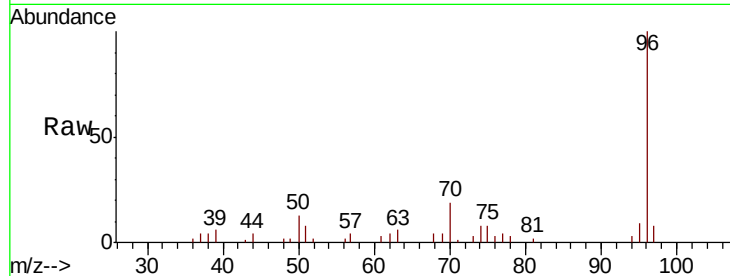
ClientSampleId :

VSTDIC020

Tot Ion: 96 Resp: 17464

Ion Ratio Lower Upper

96	100		
70	20.6	15.6	23.4
95	0.0	7.0	10.6#
97	0.0	0.0	0.0

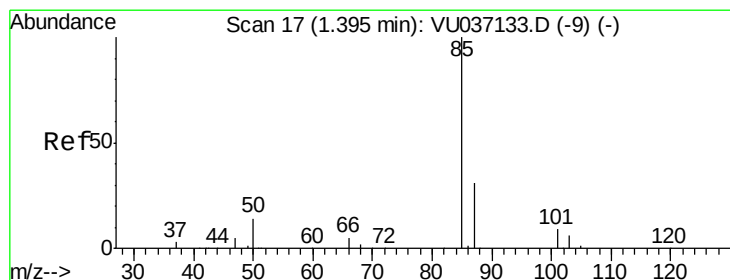
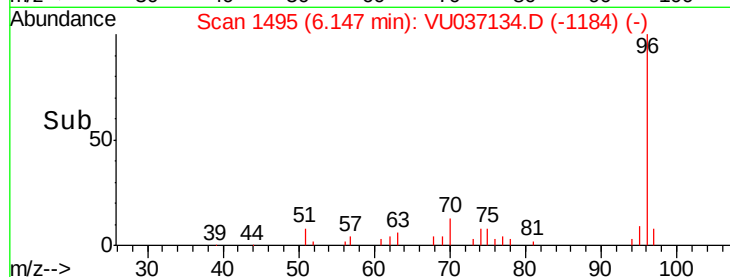
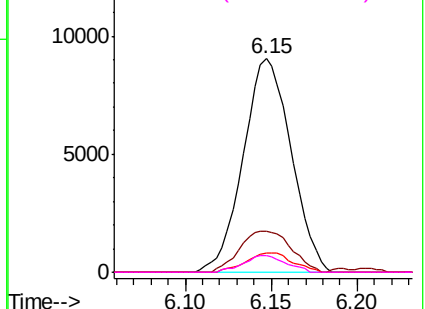


Abundance Ion 96.00 (95.70 to 96.70): VU0

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: 28.438 ug/l

RT: 1.39 min Scan# 17

Delta R.T. -0.00 min

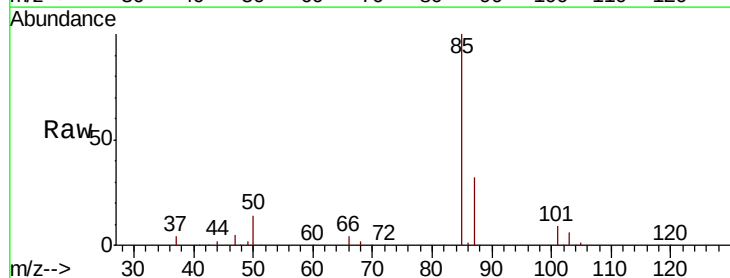
Lab File: VU037134.D

Acq: 09 Mar 2020 14:48

Tgt Ion: 85 Resp: 164168

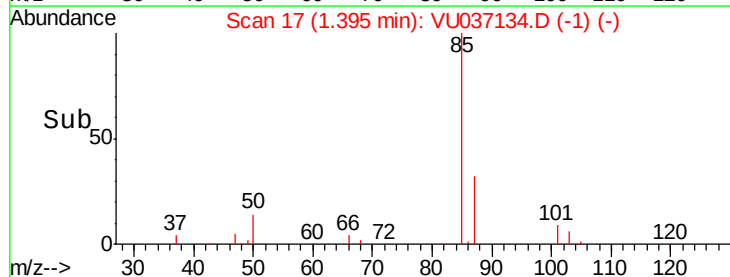
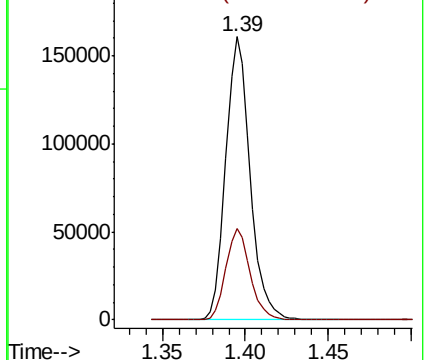
Ion Ratio Lower Upper

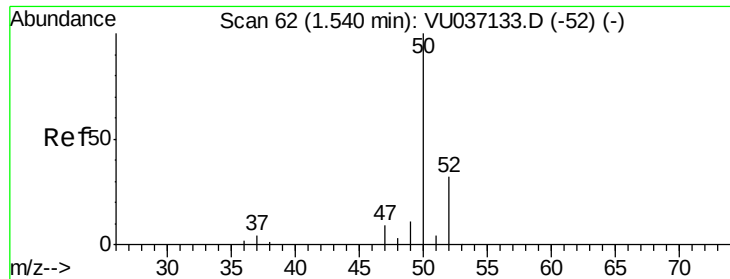
85	100		
87	32.3	16.4	49.2



Abundance Ion 85.00 (84.70 to 85.70): VU0

Ion 87.00 (86.70 to 87.70): VU0





#3

Chloromethane

Concen: 27.102 ug/l

RT: 1.54 min Scan# 62

Delta R.T. -0.00 min

Lab File: VU037134.D

Acq: 09 Mar 2020 14:48

Instrument :

MSVOA_U

ClientSampleId :

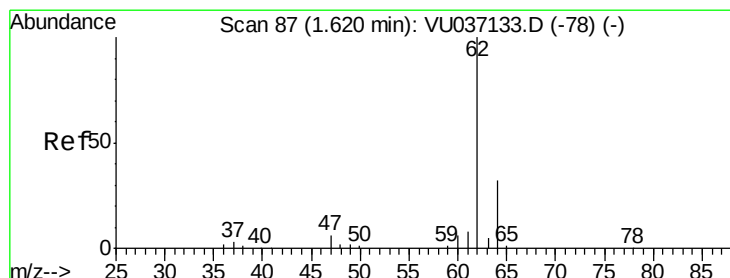
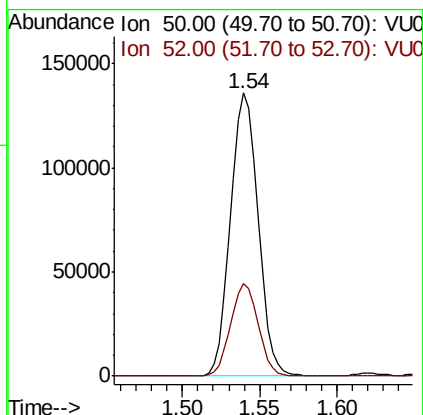
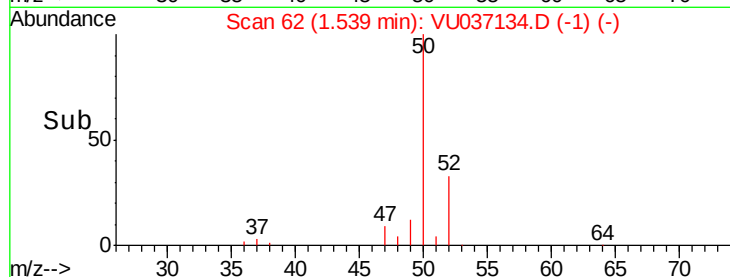
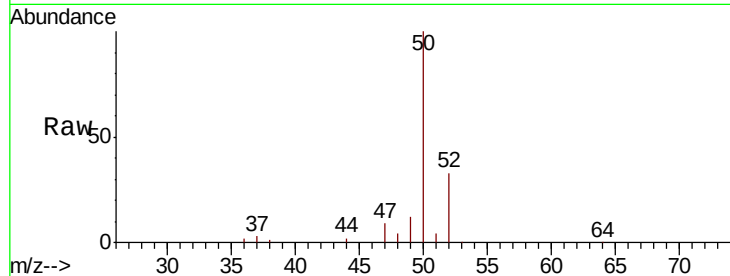
VSTDIC020

Tot Ion: 50 Resp: 167736

Ion Ratio Lower Upper

50 100

52 32.8 26.0 39.0



#4

Vinyl Chloride

Concen: 21.573 ug/l

RT: 1.62 min Scan# 87

Delta R.T. -0.00 min

Lab File: VU037134.D

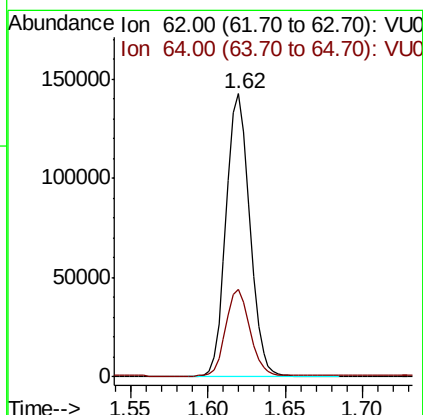
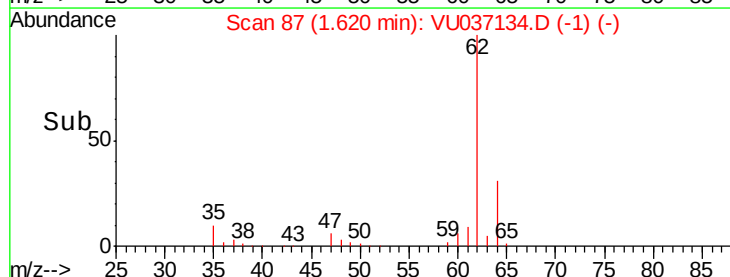
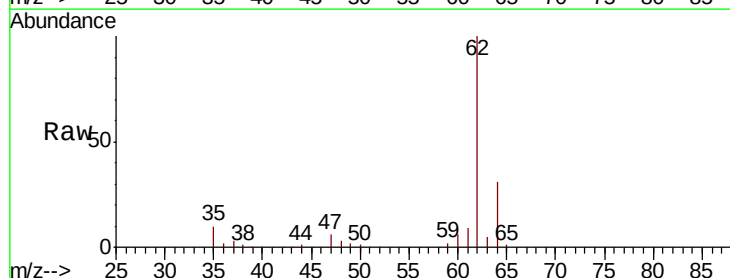
Acq: 09 Mar 2020 14:48

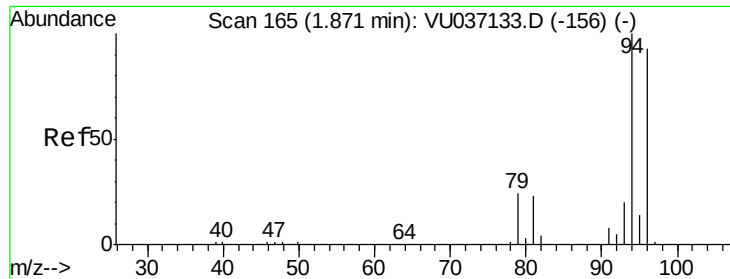
Tgt Ion: 62 Resp: 151228

Ion Ratio Lower Upper

62 100

64 30.6 25.4 38.2

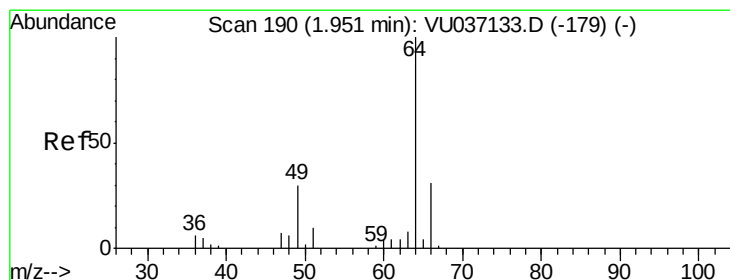
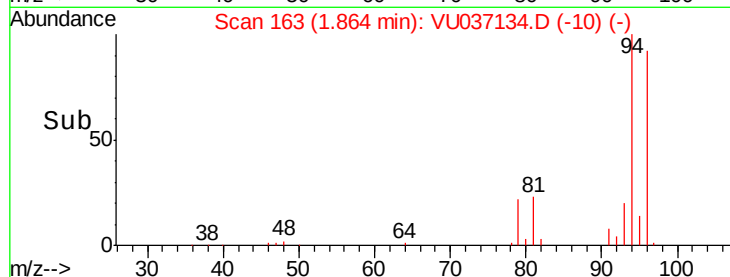
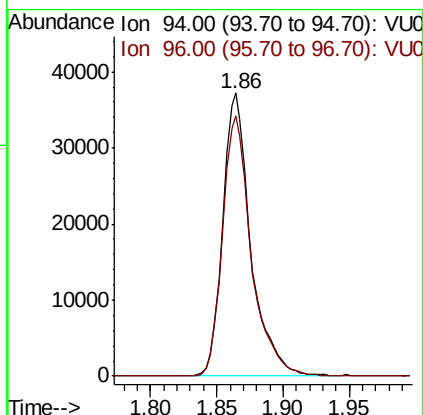
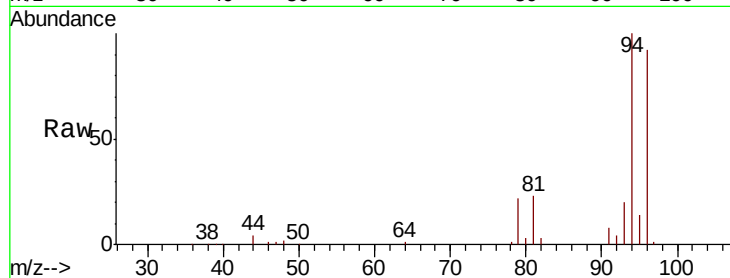




#5
Bromomethane
Concen: 12.538 ug/l
RT: 1.86 min Scan# 163
Delta R.T. -0.01 min
Lab File: VU037134.D
Acq: 09 Mar 2020 14:48

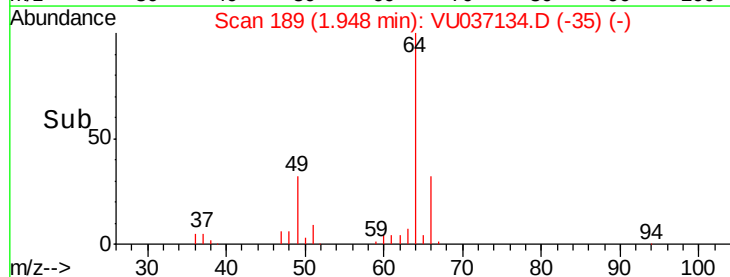
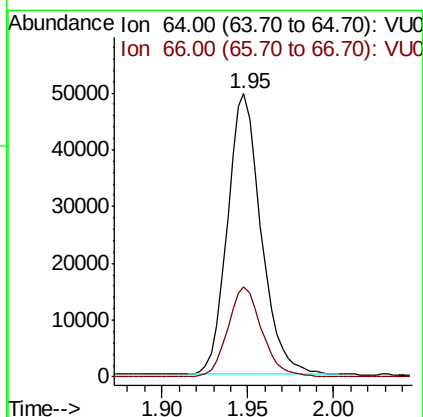
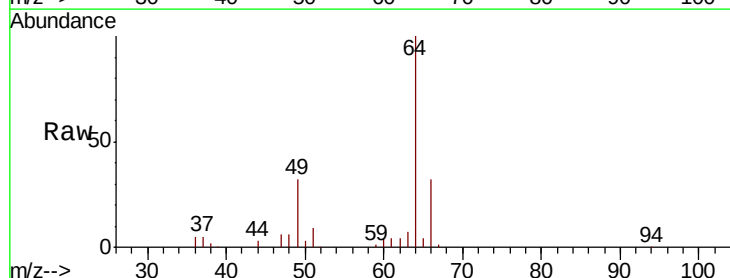
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

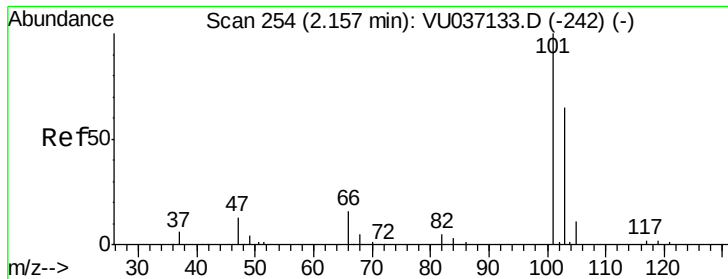
Tot Ion: 94 Resp: 54613
Ion Ratio Lower Upper
94 100
96 91.8 74.6 112.0



#6
Chloroethane
Concen: 16.268 ug/l
RT: 1.95 min Scan# 189
Delta R.T. -0.00 min
Lab File: VU037134.D
Acq: 09 Mar 2020 14:48

Tgt Ion: 64 Resp: 67557
Ion Ratio Lower Upper
64 100
66 32.0 25.5 38.3



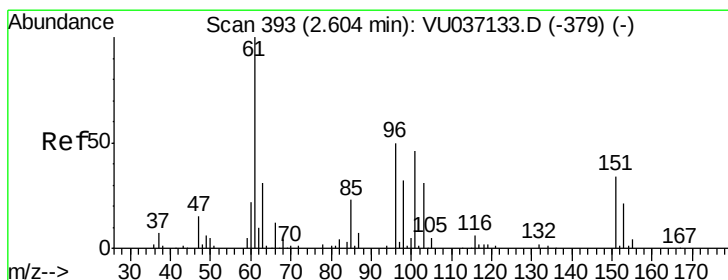
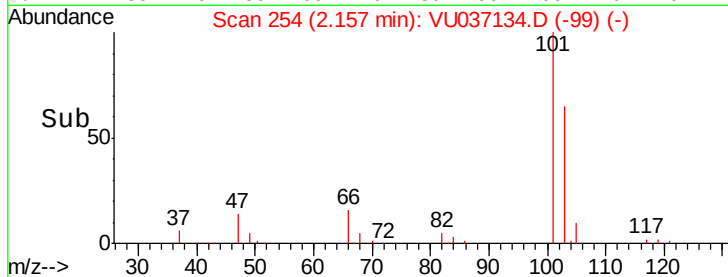
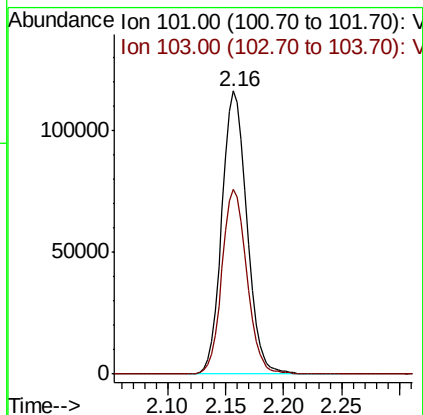
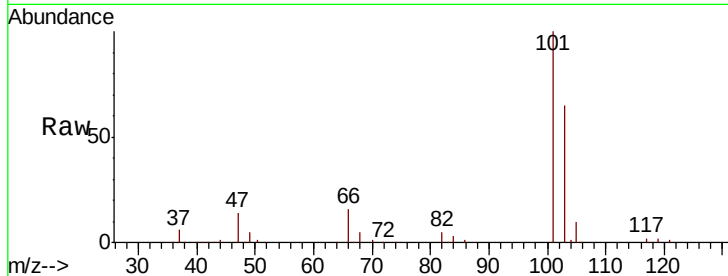


#7

Trichlorofluoromethane
 Concen: 25.094 ug/l
 RT: 2.16 min Scan# 254
 Delta R.T. -0.00 min
 Lab File: VU037134.D
 Acq: 09 Mar 2020 14:48

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

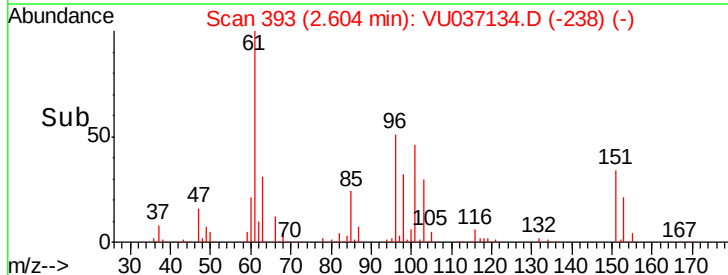
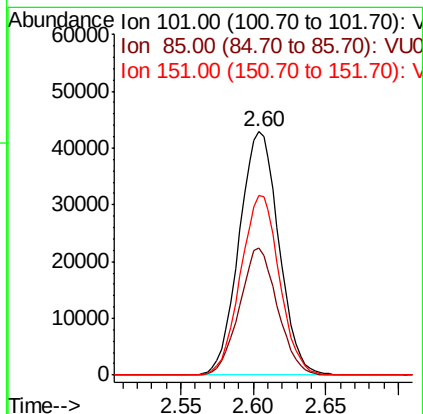
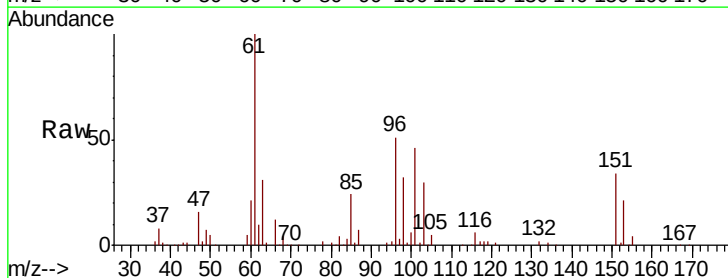
Tot Ion:101 Resp: 173797
 Ion Ratio Lower Upper
 101 100
 103 65.5 53.0 79.6

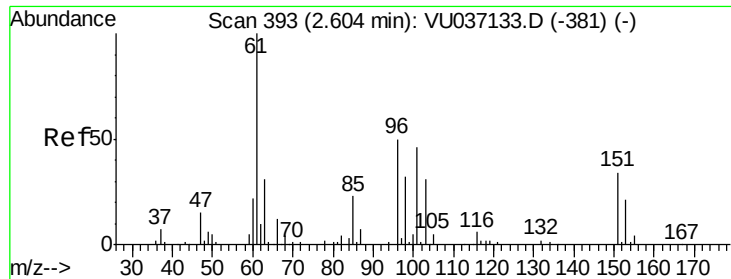


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 18.830 ug/l
 RT: 2.60 min Scan# 393
 Delta R.T. -0.00 min
 Lab File: VU037134.D
 Acq: 09 Mar 2020 14:48

Tgt Ion:101 Resp: 81241
 Ion Ratio Lower Upper
 101 100
 85 50.0 33.9 50.9
 151 72.7 59.8 89.8





#9

1,1-Dichloroethene

Concen: 16.642 ug/l

RT: 2.60 min Scan# 393

Delta R.T. -0.00 min

Lab File: VU037134.D

Acq: 09 Mar 2020 14:48

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

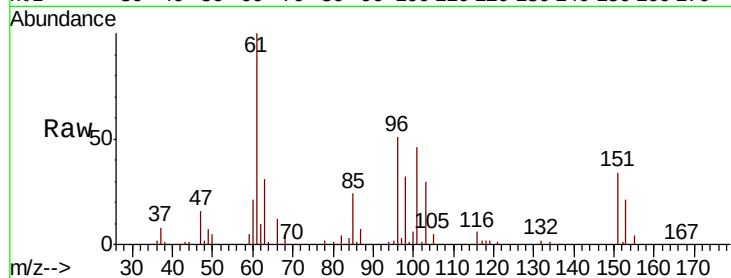
Tot Ion: 96 Resp: 76431

Ion Ratio Lower Upper

96 100

61 196.1 0.0 463.2

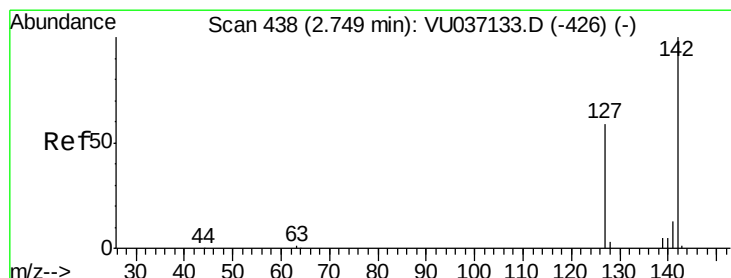
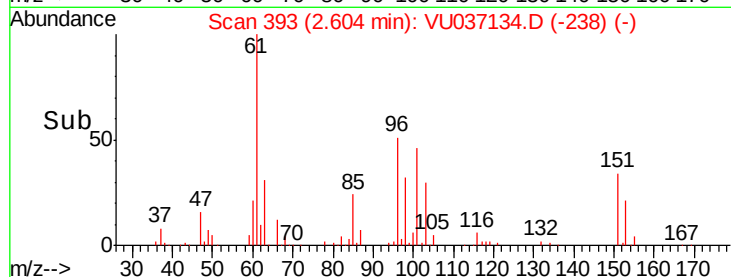
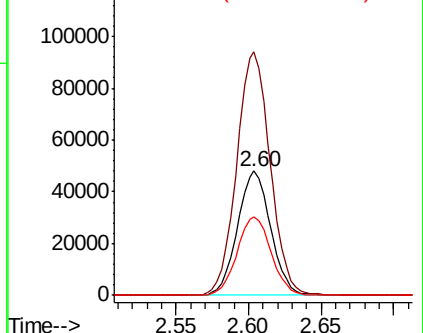
98 63.4 0.0 130.0



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: 11.734 ug/l

RT: 2.75 min Scan# 438

Delta R.T. -0.00 min

Lab File: VU037134.D

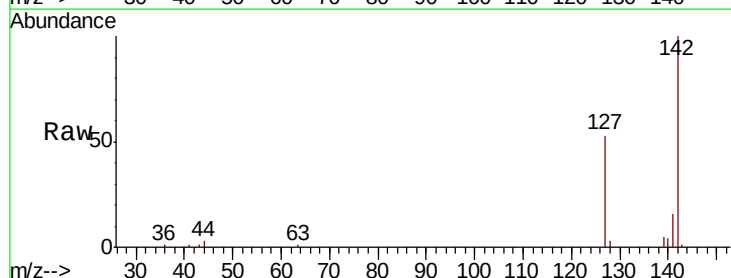
Acq: 09 Mar 2020 14:48

Tgt Ion: 142 Resp: 57803

Ion Ratio Lower Upper

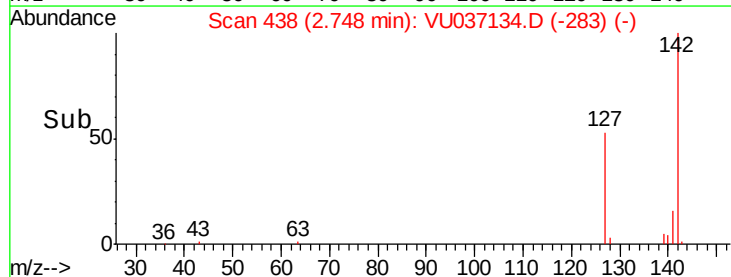
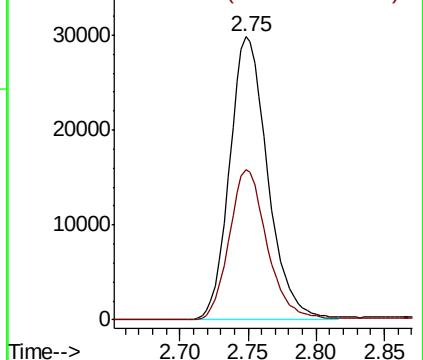
142 100

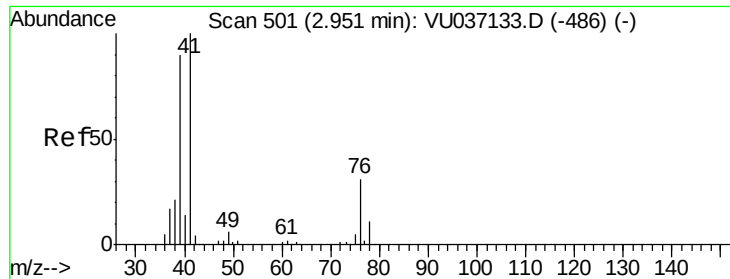
127 53.1 30.3 45.5#



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

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

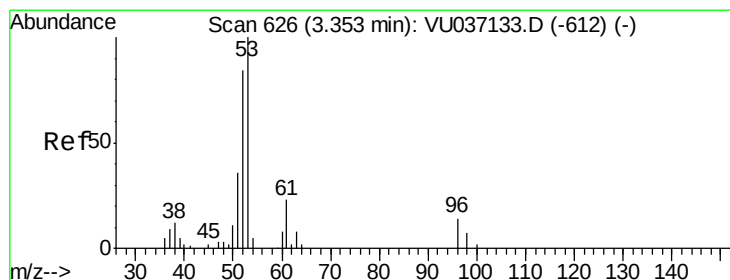
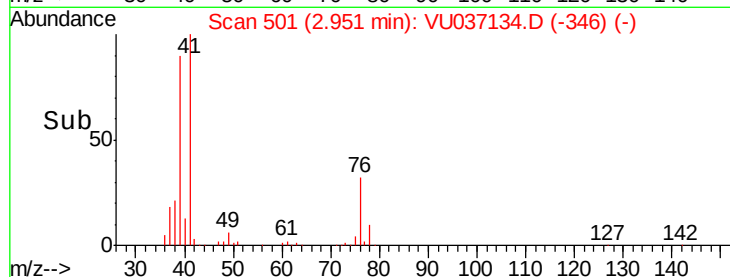
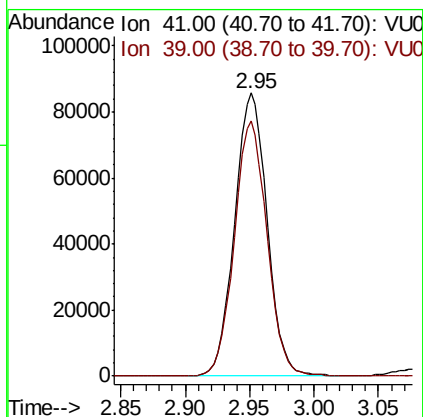
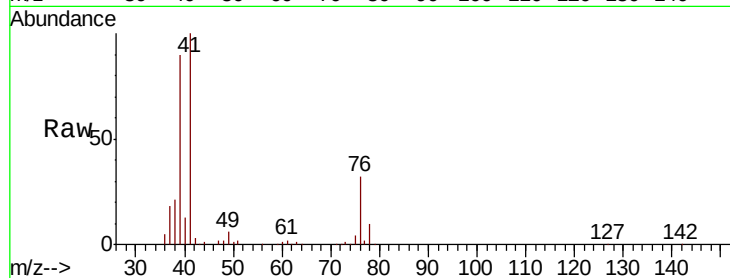




#11
 Allvl Chloride
 Concen: 23.619 ug/l
 RT: 2.95 min Scan# 501
 Delta R.T. -0.00 min
 Lab File: VU037134.D
 Acq: 09 Mar 2020 14:48

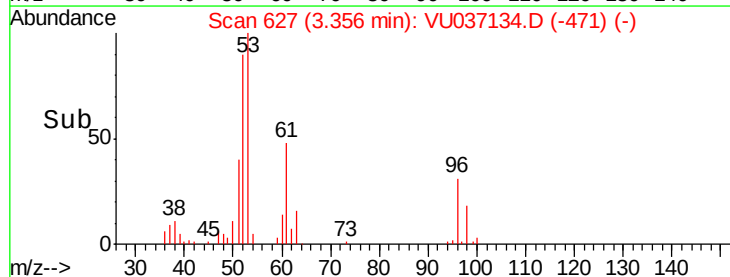
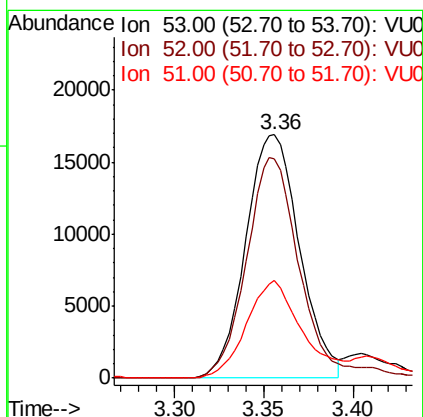
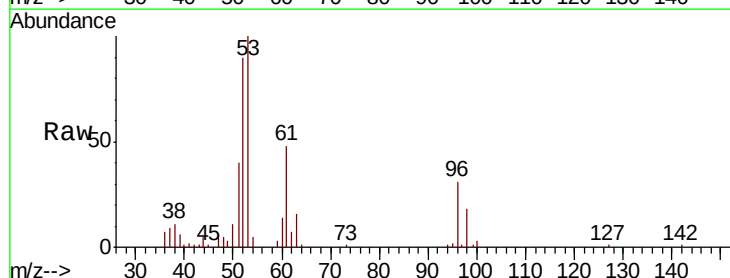
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

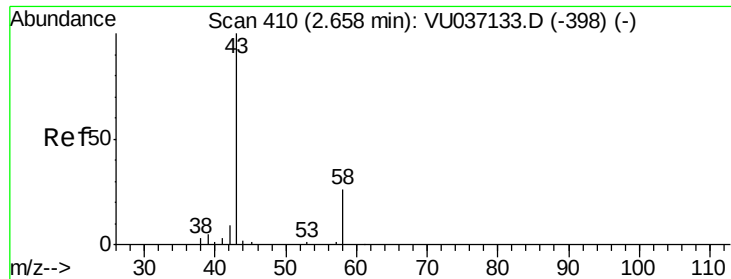
Tot Ion: 41 Resp: 149979
 Ion Ratio Lower Upper
 41 100
 39 90.9 50.7 76.1#



#12
 Acrylonitrile
 Concen: 31.686 ug/l
 RT: 3.36 min Scan# 627
 Delta R.T. 0.00 min
 Lab File: VU037134.D
 Acq: 09 Mar 2020 14:48

Tgt Ion: 53 Resp: 35692
 Ion Ratio Lower Upper
 53 100
 52 90.7 64.6 97.0
 51 41.2 27.2 40.8#





#13

Acetone

Concen: 100.858 ug/l

RT: 2.66 min Scan# 410

Delta R.T. -0.00 min

Lab File: VU037134.D

Acq: 09 Mar 2020 14:48

Instrument :

MSVOA_U

ClientSampleId :

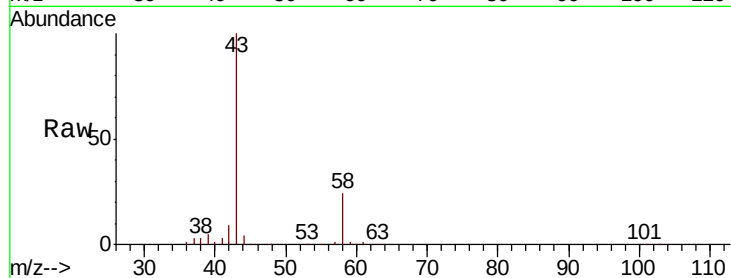
VSTDIC020

Tot Ion: 43 Resp: 92612

Ion Ratio Lower Upper

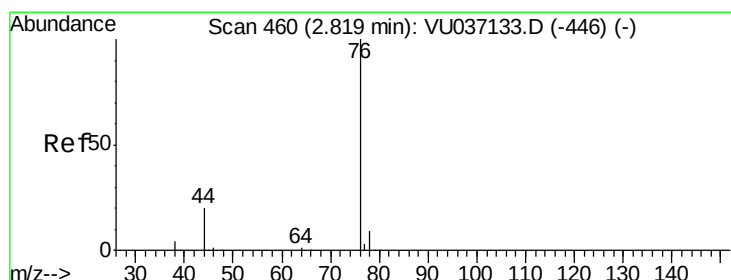
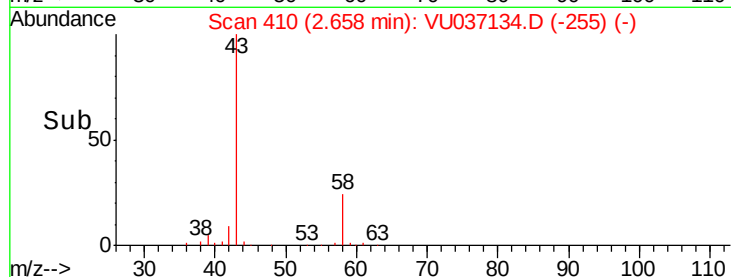
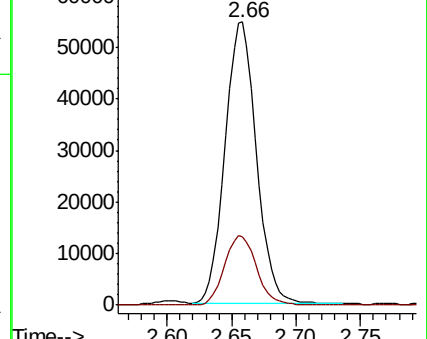
43 100

58 24.4 30.8 46.2#



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

Ion 58.00 (57.70 to 58.70): VU037133.D (-398) (-)



#14

Carbon Disulfide

Concen: 16.250 ug/l

RT: 2.82 min Scan# 459

Delta R.T. -0.00 min

Lab File: VU037134.D

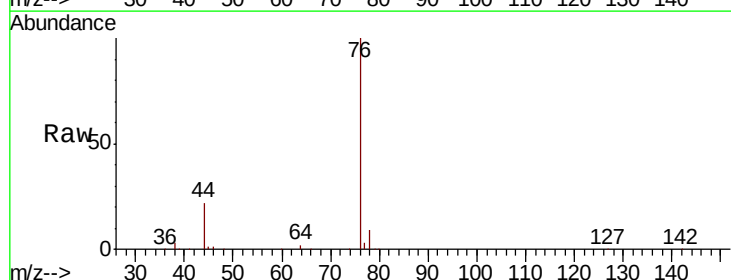
Acq: 09 Mar 2020 14:48

Tgt Ion: 76 Resp: 258452

Ion Ratio Lower Upper

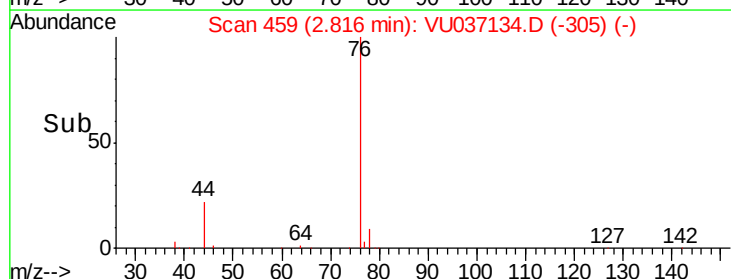
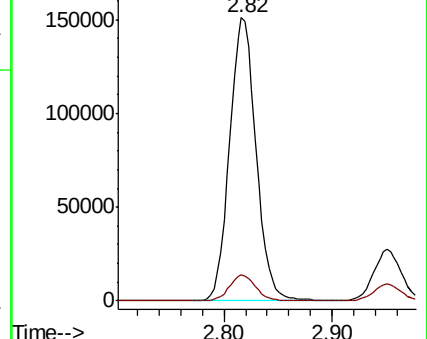
76 100

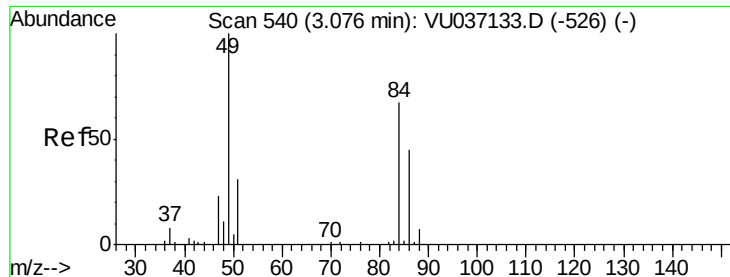
78 9.0 7.4 11.0



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

Ion 78.00 (77.70 to 78.70): VU037133.D (-446) (-)

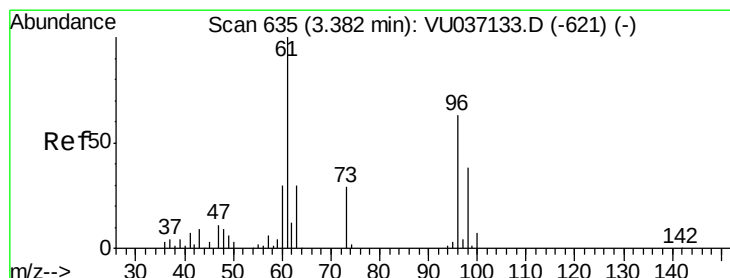
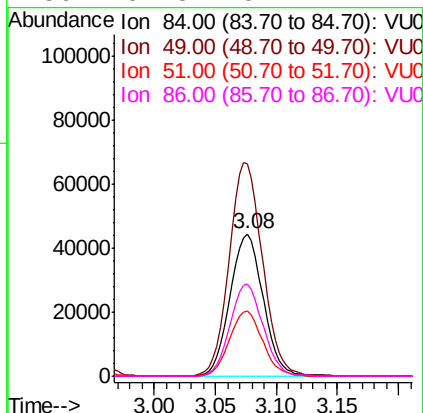
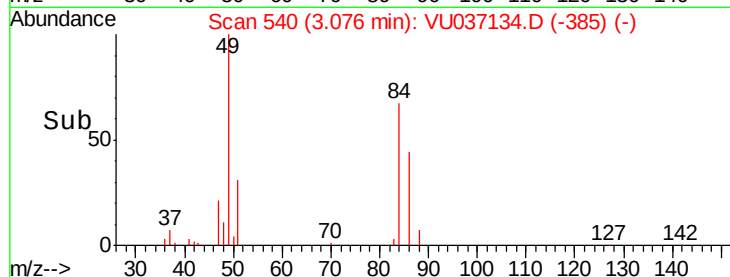
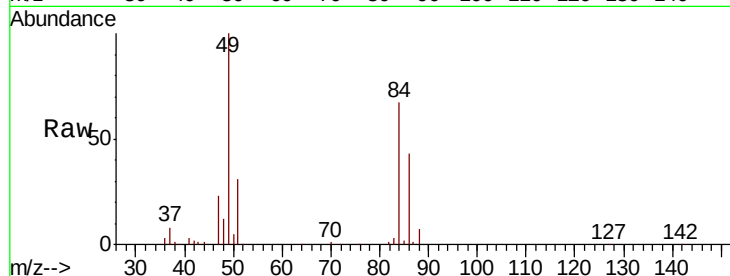




#15
Methylene Chloride
Concen: 13.924 ug/l
RT: 3.08 min Scan# 540
Delta R.T. -0.00 min
Lab File: VU037134.D
Acq: 09 Mar 2020 14:48

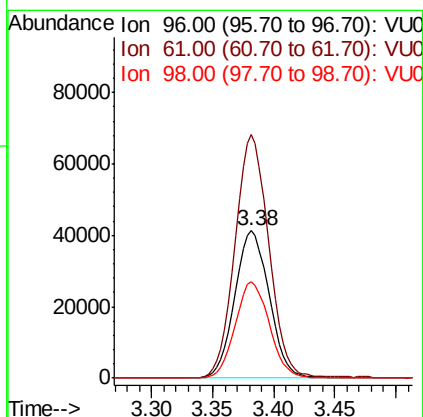
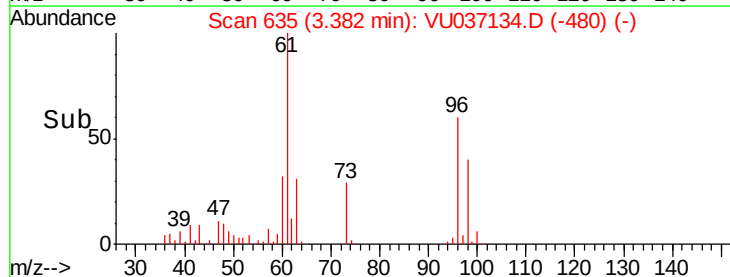
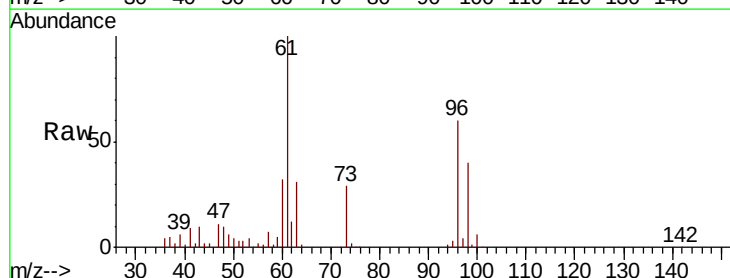
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

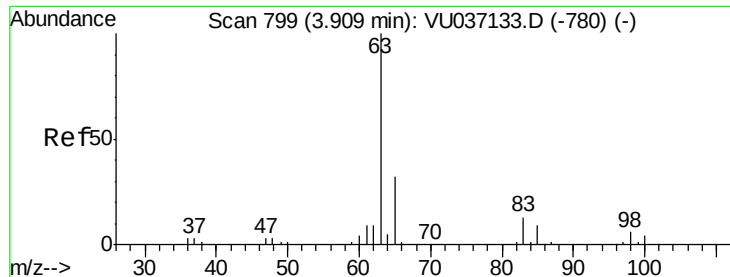
Tot Ion: 84 Resp: 84224
Ion Ratio Lower Upper
84 100
49 149.7 89.7 134.5#
51 46.0 0.0 71.6
86 64.8 51.4 77.2



#16
trans-1,2-Dichloroethene
Concen: 16.003 ug/l
RT: 3.38 min Scan# 635
Delta R.T. -0.00 min
Lab File: VU037134.D
Acq: 09 Mar 2020 14:48

Tgt Ion: 96 Resp: 81069
Ion Ratio Lower Upper
96 100
61 165.3 110.8 166.2
98 65.5 50.3 75.5

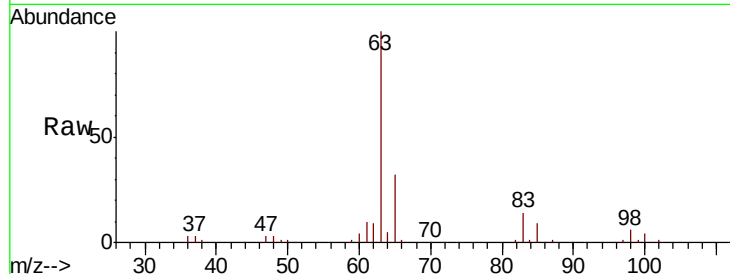




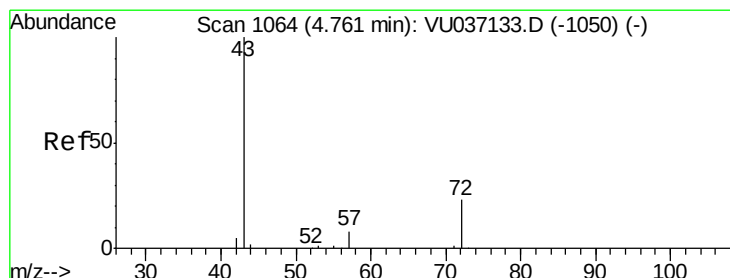
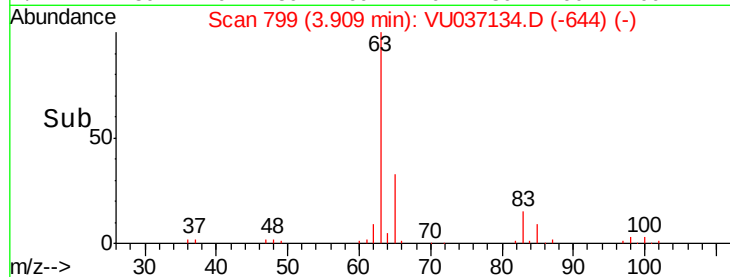
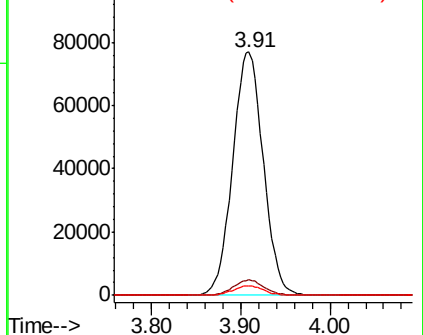
#17
 1,1-Dichloroethane
 Concen: 22.129 ug/l
 RT: 3.91 min Scan# 799
 Delta R.T. -0.00 min
 Lab File: VU037134.D
 Acq: 09 Mar 2020 14:48

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

Tot Ion: 63 Resp: 182687
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.5 10.5
 100 3.8 2.4 7.1

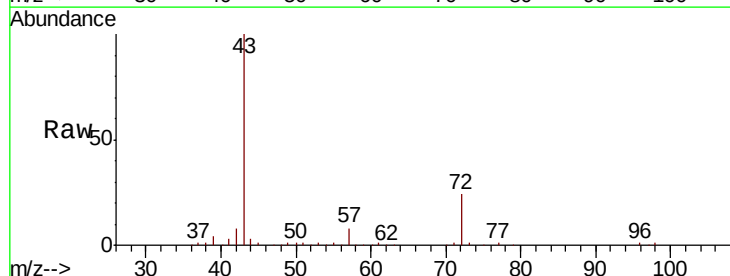


Abundance Ion 63.00 (62.70 to 63.70): VU0
 Ion 98.00 (97.70 to 98.70): VU0
 Ion 100.00 (99.70 to 100.70): VU0

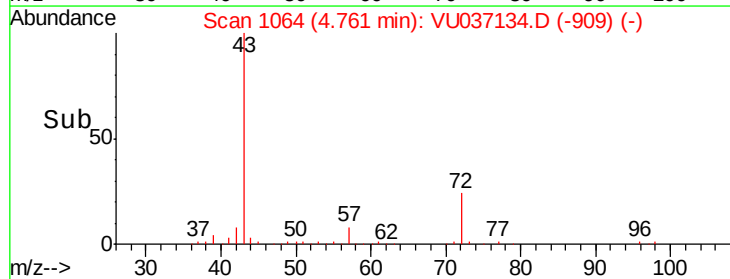
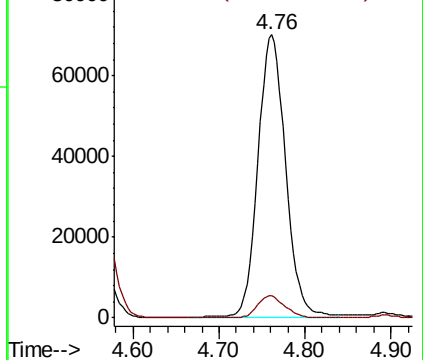


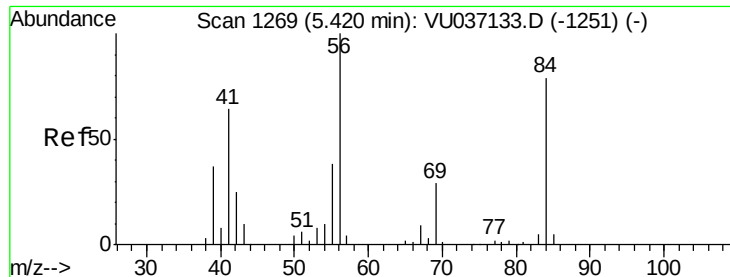
#18
 2-Butanone
 Concen: 131.077 ug/l
 RT: 4.76 min Scan# 1064
 Delta R.T. -0.00 min
 Lab File: VU037134.D
 Acq: 09 Mar 2020 14:48

Tgt Ion: 43 Resp: 158515
 Ion Ratio Lower Upper
 43 100
 57 7.9 0.0 17.8



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

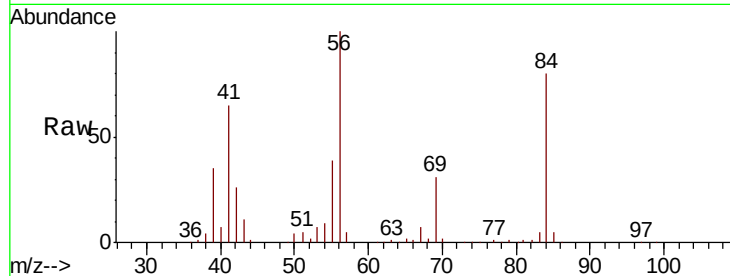




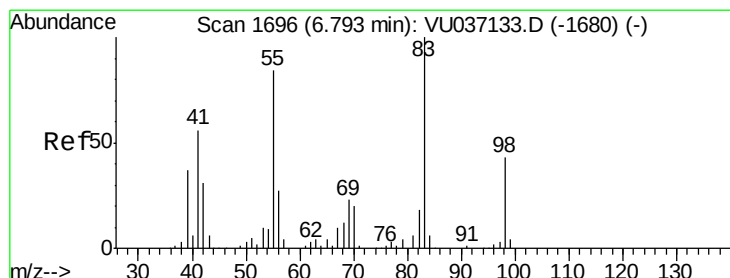
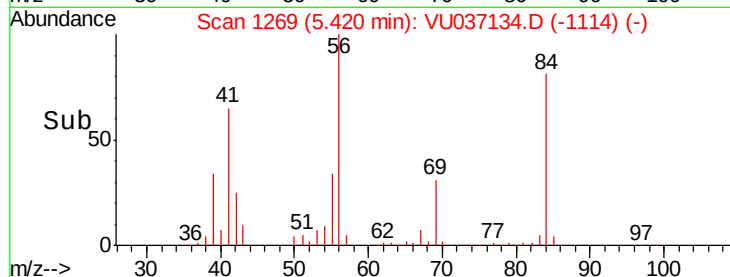
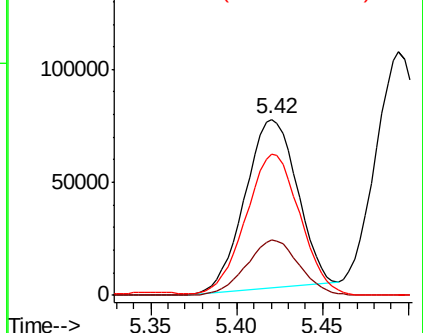
#19
Cyclohexane
Concen: 20.825 ug/l
RT: 5.42 min Scan# 1269
Delta R.T. -0.00 min
Lab File: VU037134.D
Acq: 09 Mar 2020 14:48

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

Tot Ion: 56 Resp: 157140
Ion Ratio Lower Upper
56 100
69 33.2 26.2 39.2
84 86.3 72.8 109.2

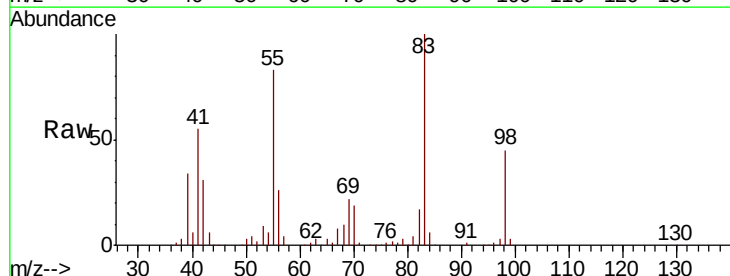


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

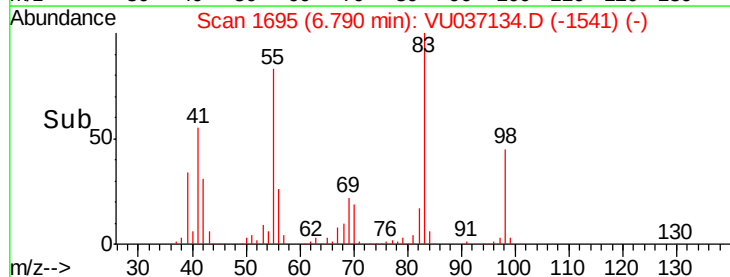
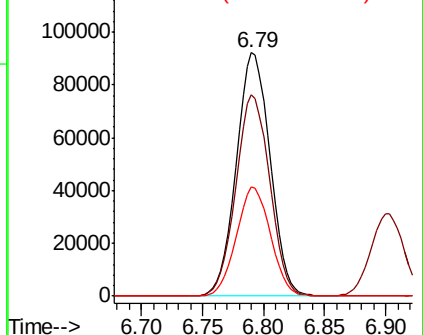


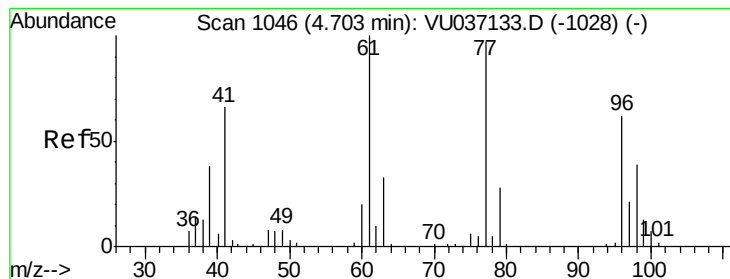
#20
Methylcyclohexane
Concen: 20.937 ug/l
RT: 6.79 min Scan# 1695
Delta R.T. -0.00 min
Lab File: VU037134.D
Acq: 09 Mar 2020 14:48

Tgt Ion: 83 Resp: 176390
Ion Ratio Lower Upper
83 100
55 82.9 56.6 85.0
98 45.3 37.5 56.3



Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0





#21

2,2-Dichloropropane

Concen: 24.049 ug/l

RT: 4.70 min Scan# 1046

Delta R.T. -0.00 min

Lab File: VU037134.D

Acq: 09 Mar 2020 14:48

Instrument :

MSVOA_U

ClientSampleId :

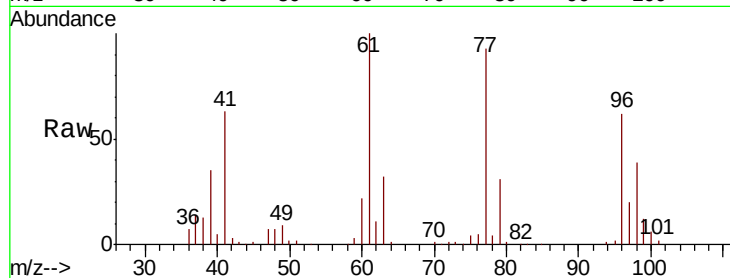
VSTDIC020

Tot Ion: 77 Resp: 169488

Ion Ratio Lower Upper

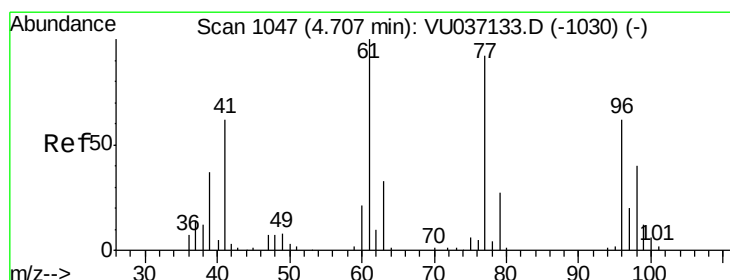
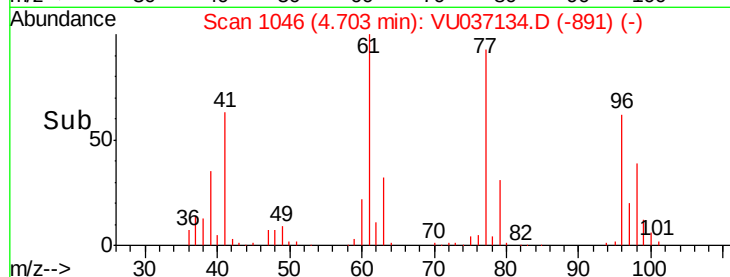
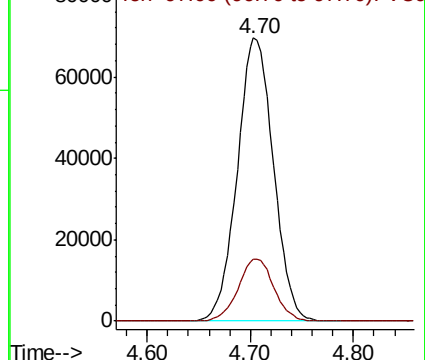
77 100

97 21.6 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) (-)



#22

cis-1,2-Dichloroethene

Concen: 20.139 ug/l

RT: 4.71 min Scan# 1047

Delta R.T. -0.00 min

Lab File: VU037134.D

Acq: 09 Mar 2020 14:48

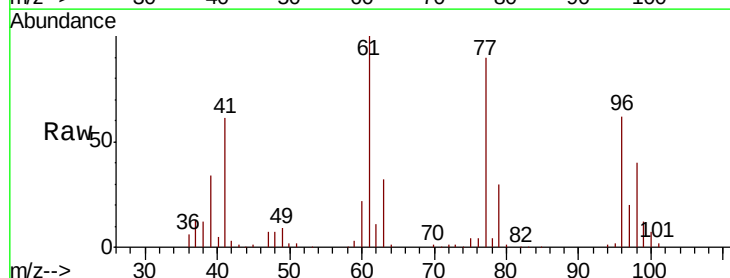
Tgt Ion: 96 Resp: 105852

Ion Ratio Lower Upper

96 100

61 165.1 0.0 342.0

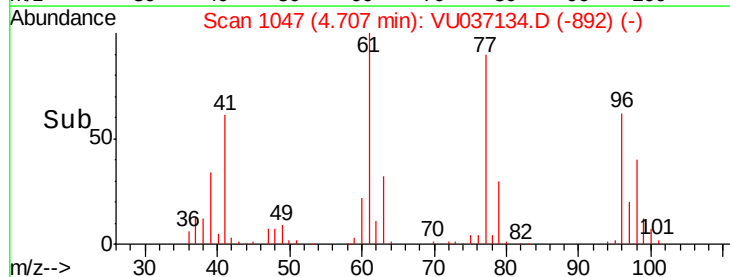
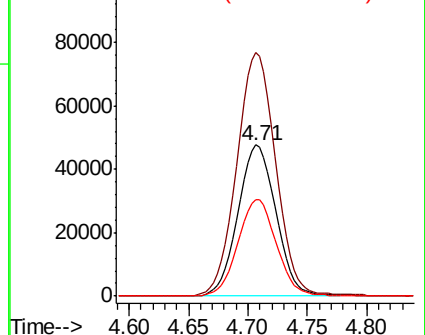
98 64.5 32.0 96.0

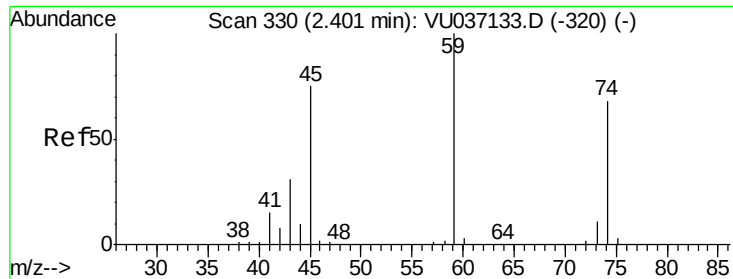


Abundance Ion 96.00 (95.70 to 96.70): VU037133.D (-1030) (-)

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

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

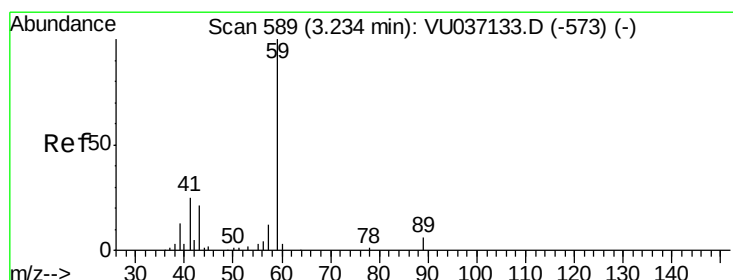
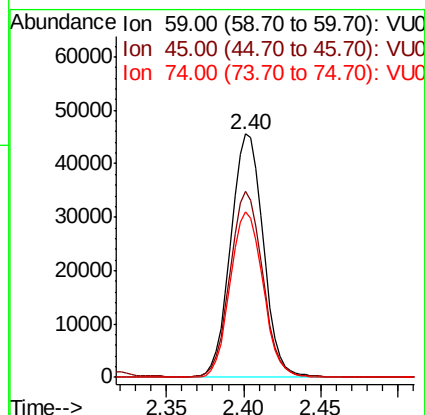
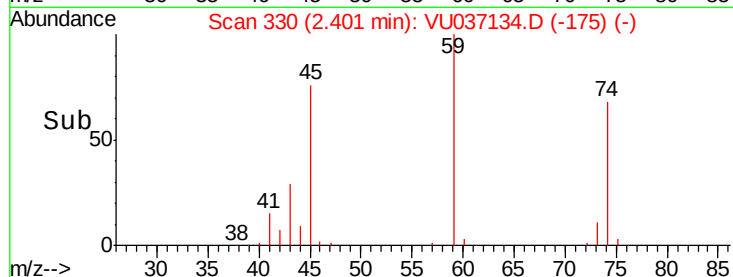
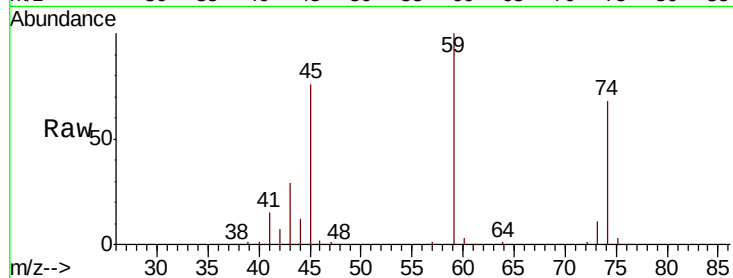




#23
Diethyl Ether
Concen: 18.736 ug/l
RT: 2.40 min Scan# 330
Delta R.T. -0.00 min
Lab File: VU037134.D
Acq: 09 Mar 2020 14:48

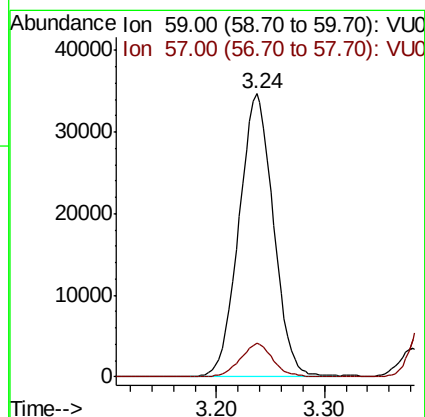
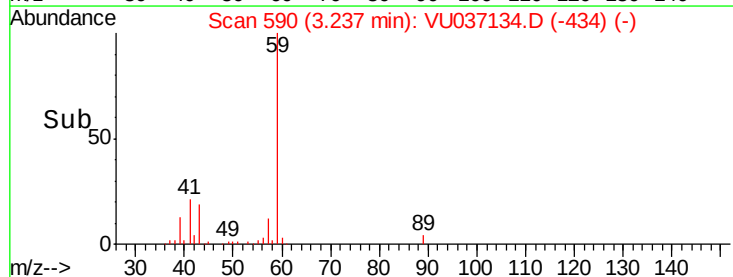
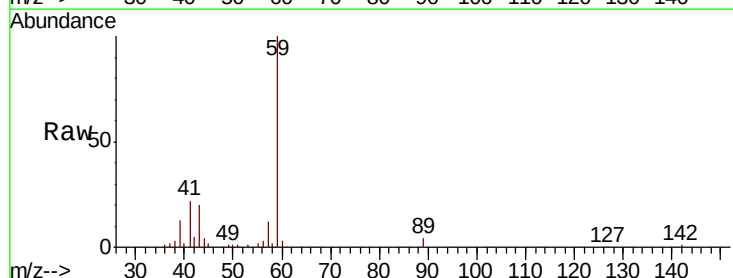
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

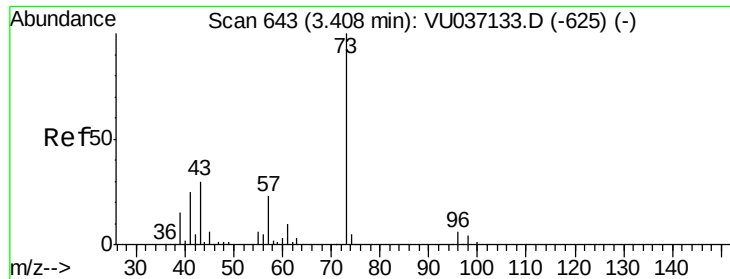
Tot Ion: 59 Resp: 66466
Ion Ratio Lower Upper
59 100
45 75.8 52.4 78.6
74 68.5 62.1 93.1



#24
tert-Butyl Alcohol
Concen: 243.284 ug/l
RT: 3.24 min Scan# 590
Delta R.T. 0.00 min
Lab File: VU037134.D
Acq: 09 Mar 2020 14:48

Tgt Ion: 59 Resp: 77133
Ion Ratio Lower Upper
59 100
57 11.2 8.4 12.6





#25

Methyl tert-Butyl Ether

Concen: 18.633 ug/l

RT: 3.41 min Scan# 643

Delta R.T. -0.00 min

Lab File: VU037134.D

Acq: 09 Mar 2020 14:48

Instrument :

MSVOA_U

ClientSampleId :

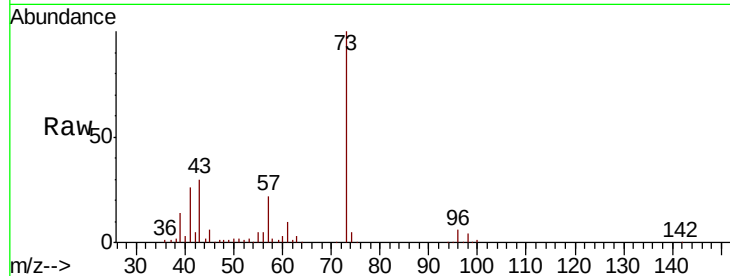
VSTDIC020

Tot Ion: 73 Resp: 224229

Ion Ratio Lower Upper

73 100

43 30.0 14.5 21.7#



Abundance Ion 73.00 (72.70 to 73.70): VU037134.D (-488) (-)

Ion 43.00 (42.70 to 43.70): VU037134.D (-488) (-)

3.41

100000

80000

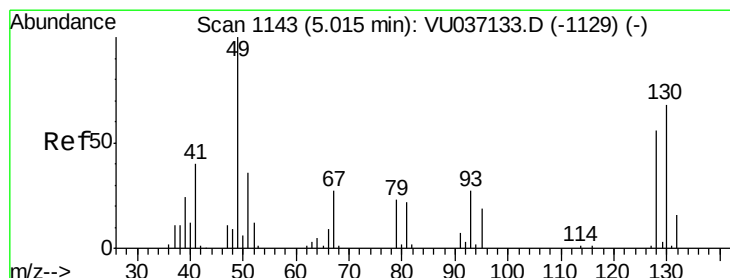
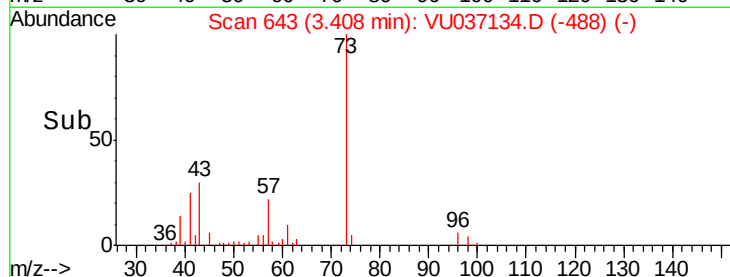
60000

40000

20000

0

Time--> 3.30 3.35 3.40 3.45 3.50



#26

Bromochloromethane

Concen: 19.030 ug/l

RT: 5.02 min Scan# 1143

Delta R.T. -0.00 min

Lab File: VU037134.D

Acq: 09 Mar 2020 14:48

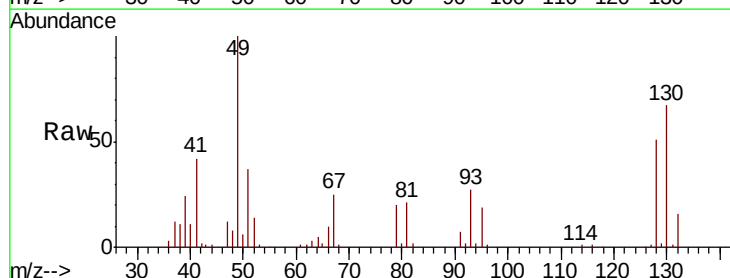
Tgt Ion: 128 Resp: 43322

Ion Ratio Lower Upper

128 100

49 190.5 0.0 286.2

130 128.2 104.3 156.5



Abundance Ion 128.00 (127.70 to 128.70): VU037134.D (-988) (-)

Ion 49.00 (48.70 to 49.70): VU037134.D (-988) (-)

Ion 130.00 (129.70 to 130.70): VU037134.D (-988) (-)

5.02

50000

40000

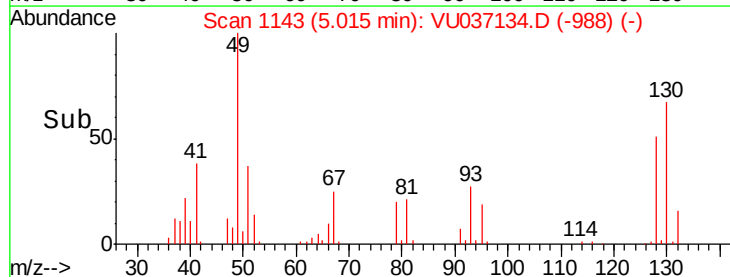
30000

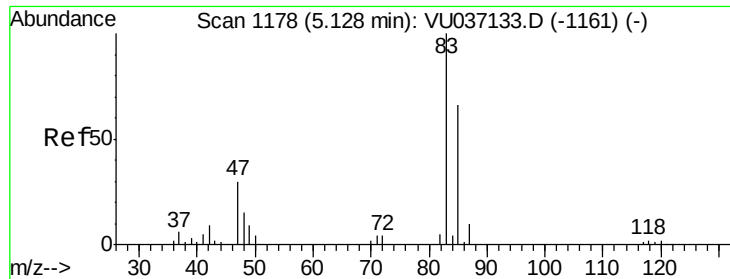
20000

10000

0

Time--> 4.95 5.00 5.05 5.10

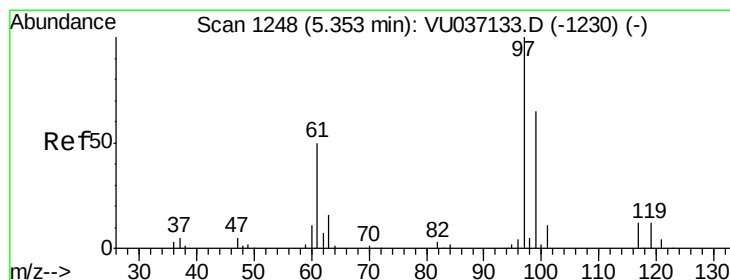
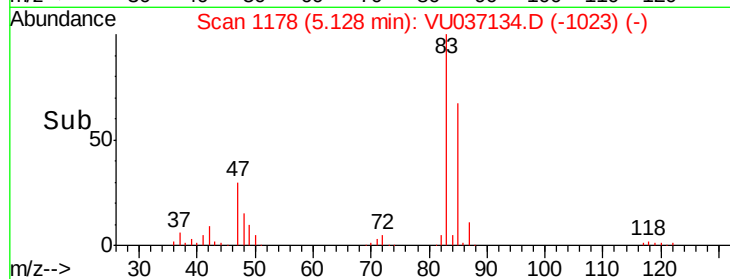
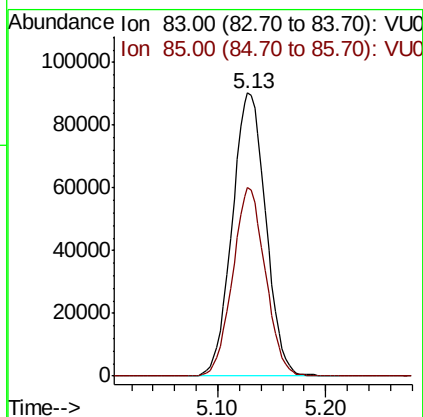
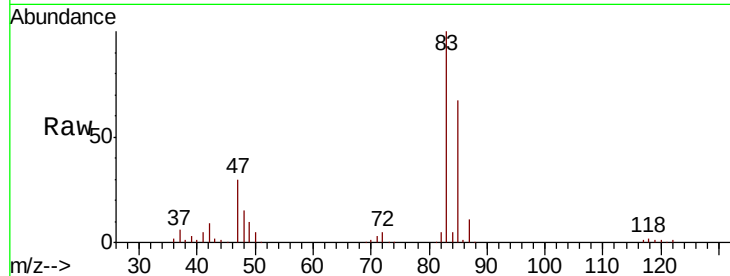




#27
Chloroform
Concen: 23.987 ug/l
RT: 5.13 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VU037134.D
Acq: 09 Mar 2020 14:48

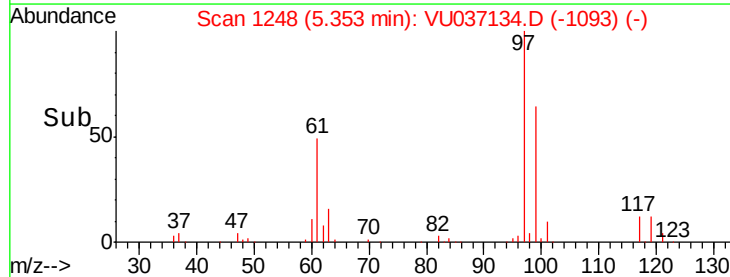
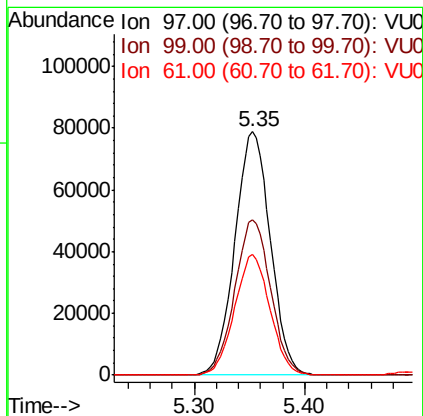
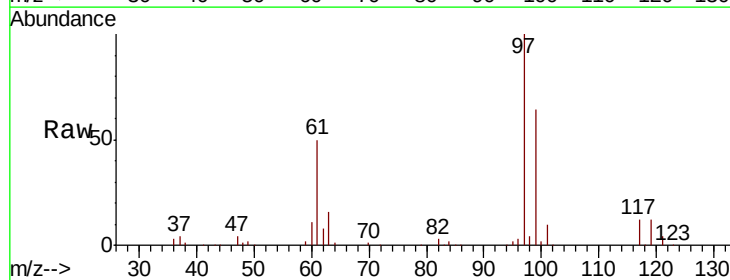
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

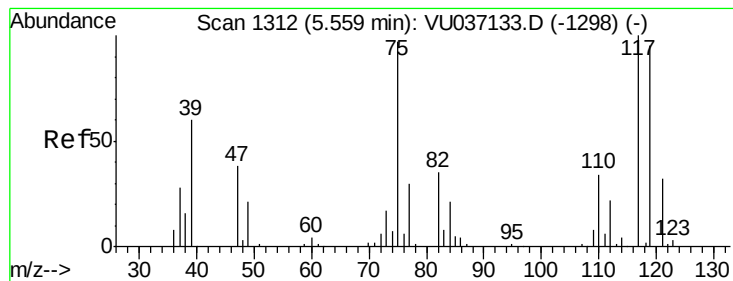
Tot Ion: 83 Resp: 195874
Ion Ratio Lower Upper
83 100
85 66.6 0.0 129.0



#28
1,1,1-Trichloroethane
Concen: 25.644 ug/l
RT: 5.35 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VU037134.D
Acq: 09 Mar 2020 14:48

Tgt Ion: 97 Resp: 175593
Ion Ratio Lower Upper
97 100
99 64.6 32.1 96.3
61 49.5 22.7 68.0





#29

1,1-Dichloropropene

Concen: 22.070 ug/l

RT: 5.56 min Scan# 1313

Delta R.T. 0.00 min

Lab File: VU037134.D

Acq: 09 Mar 2020 14:48

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

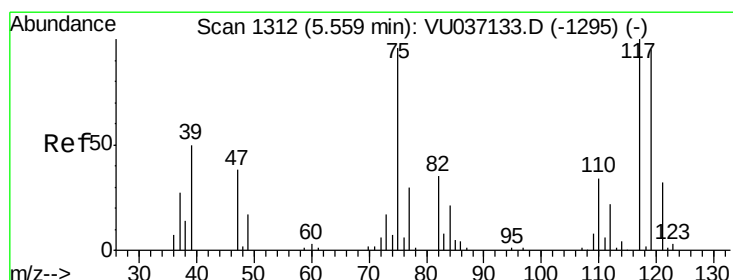
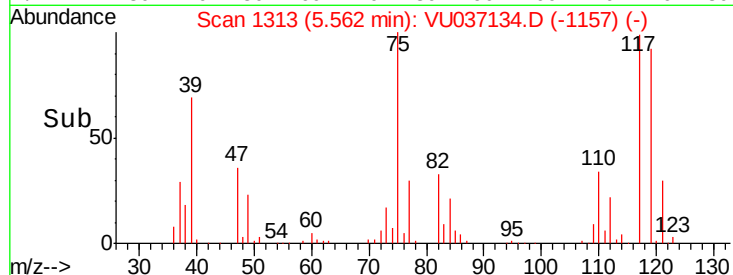
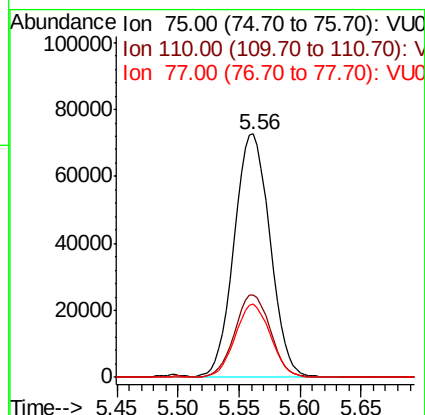
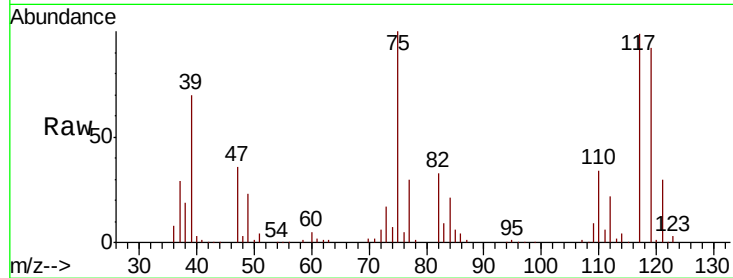
Tot Ion: 75 Resp: 147485

Ion Ratio Lower Upper

75 100

110 33.9 18.6 55.8

77 30.0 25.0 37.4



#30

Carbon Tetrachloride

Concen: 26.823 ug/l

RT: 5.56 min Scan# 1312

Delta R.T. -0.00 min

Lab File: VU037134.D

Acq: 09 Mar 2020 14:48

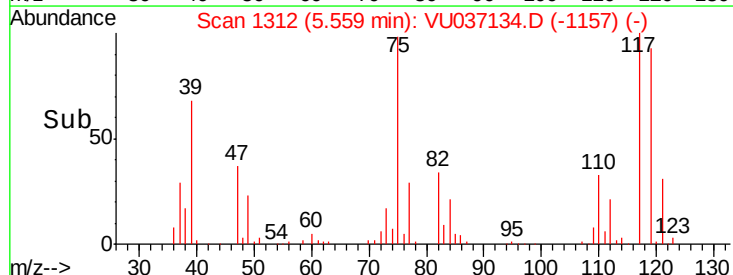
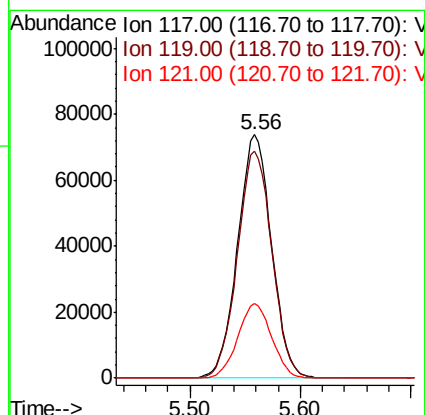
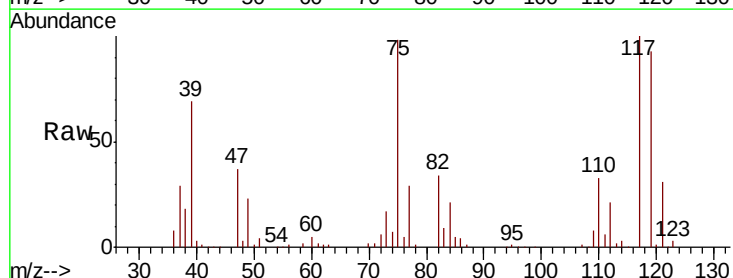
Tgt Ion: 117 Resp: 157264

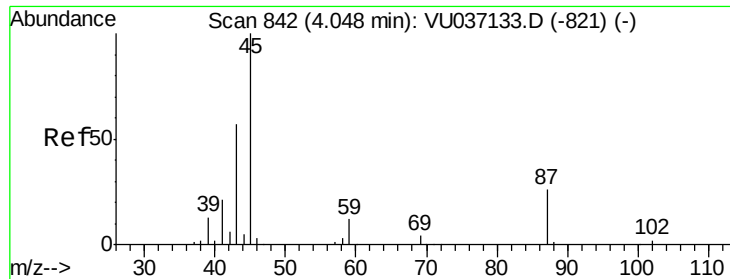
Ion Ratio Lower Upper

117 100

119 93.2 77.0 115.6

121 30.6 23.3 34.9





#31

Isopropyl Ether

Concen: 25.273 ug/l

RT: 4.05 min Scan# 842

Delta R.T. -0.00 min

Lab File: VU037134.D

Acq: 09 Mar 2020 14:48

Instrument :

MSVOA_U

ClientSampleId :

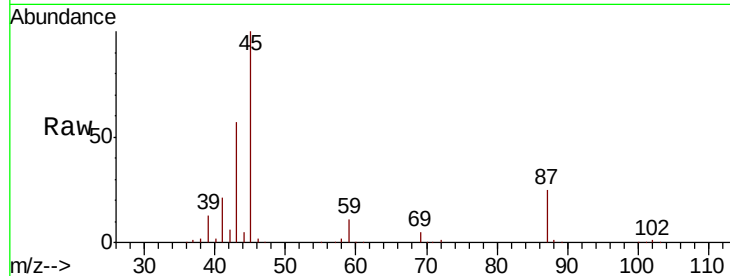
VSTDIC020

Tot Ion: 45 Resp: 316709

Ion Ratio Lower Upper

45 100

43 56.1 24.0 72.0



Abundance Ion 45.00 (44.70 to 45.70): VU037133.D (-821) (-)

Ion 43.00 (42.70 to 43.70): VU037133.D (-821) (-)

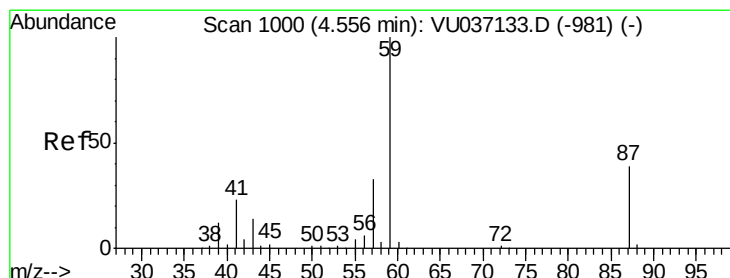
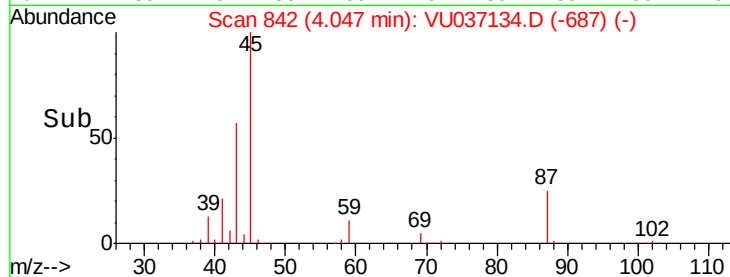
4.05

100000

50000

0

Time-->



#32

Ethyl-t-butyl ether

Concen: 22.983 ug/l

RT: 4.56 min Scan# 1000

Delta R.T. -0.00 min

Lab File: VU037134.D

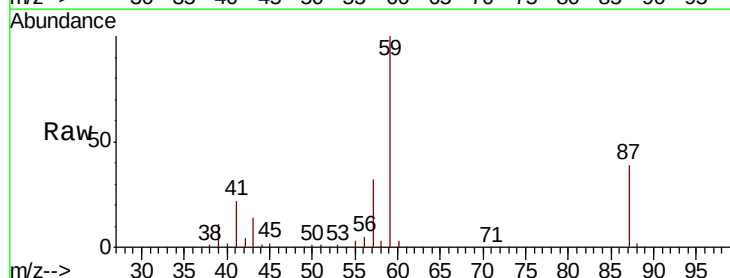
Acq: 09 Mar 2020 14:48

Tgt Ion: 59 Resp: 301338

Ion Ratio Lower Upper

59 100

87 39.6 35.1 52.7



Abundance Ion 59.00 (58.70 to 59.70): VU037133.D (-981) (-)

Ion 87.00 (86.70 to 87.70): VU037133.D (-981) (-)

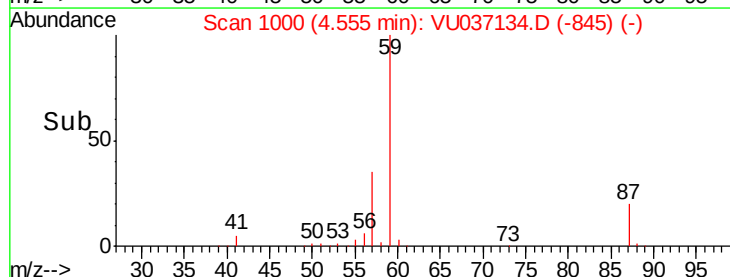
4.56

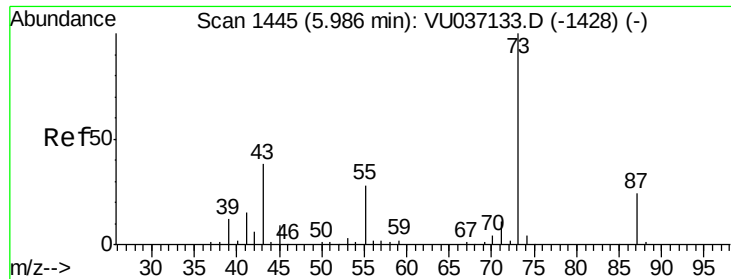
100000

50000

0

Time-->



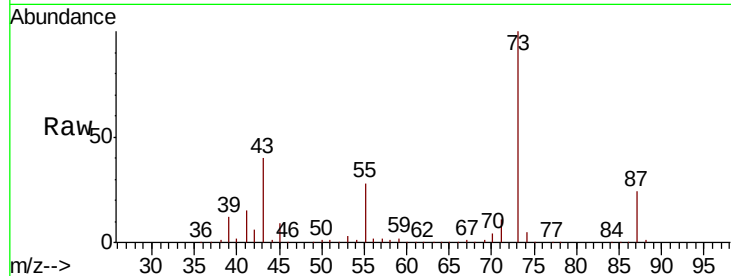


#33

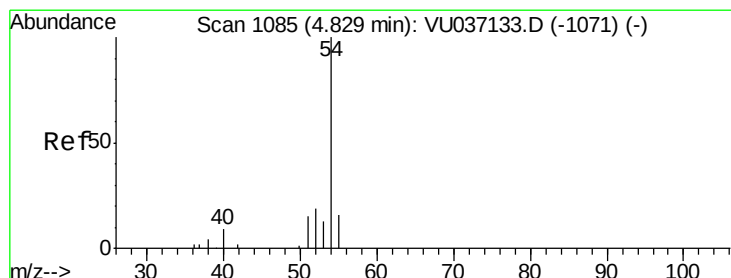
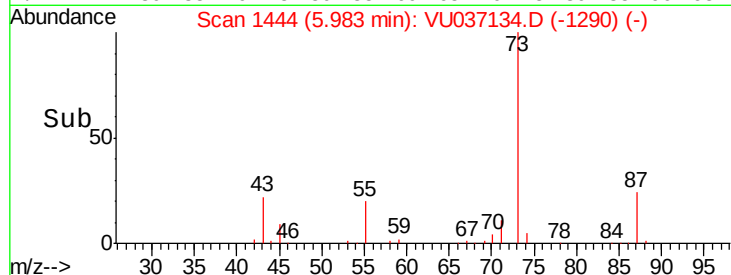
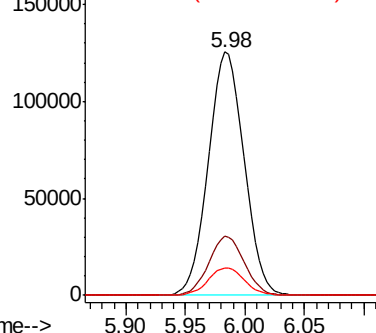
Tert-Butyl methyl ether
 Concen: 21.761 ug/l
 RT: 5.98 min Scan# 1444
 Delta R.T. -0.00 min
 Lab File: VU037134.D
 Acq: 09 Mar 2020 14:48

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

Tot Ion: 73 Resp: 261252
 Ion Ratio Lower Upper
 73 100
 87 24.1 19.8 29.6
 71 11.5 9.1 13.7



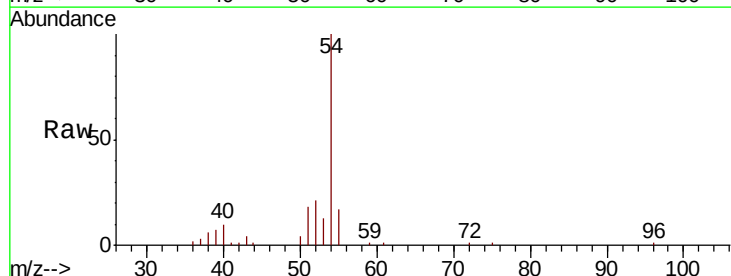
Abundance Ion 73.00 (72.70 to 73.70): VU0
 Ion 87.00 (86.70 to 87.70): VU0
 Ion 71.00 (70.70 to 71.70): VU0



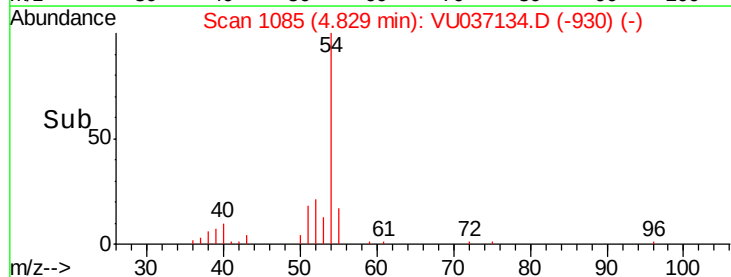
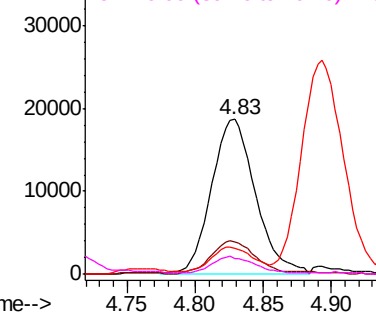
#34

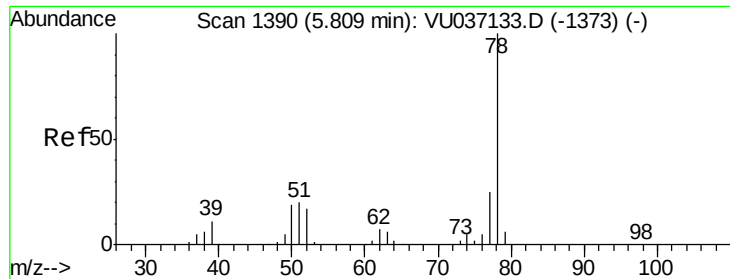
Propionitrile
 Concen: 120.680 ug/l
 RT: 4.83 min Scan# 1085
 Delta R.T. -0.00 min
 Lab File: VU037134.D
 Acq: 09 Mar 2020 14:48

Tgt Ion: 54 Resp: 42068
 Ion Ratio Lower Upper
 54 100
 52 21.3 15.2 22.8
 55 16.4 9.5 14.3#
 40 10.2 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: 20.901 ug/l

RT: 5.81 min Scan# 1390

Delta R.T. -0.00 min

Lab File: VU037134.D

Acq: 09 Mar 2020 14:48

Instrument :

MSVOA_U

ClientSampleId :

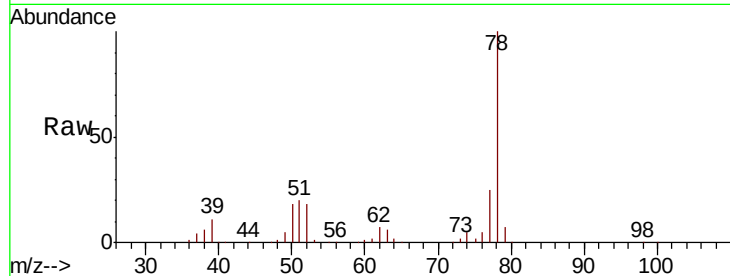
VSTDIC020

Tot Ion: 78 Resp: 404458

Ion Ratio Lower Upper

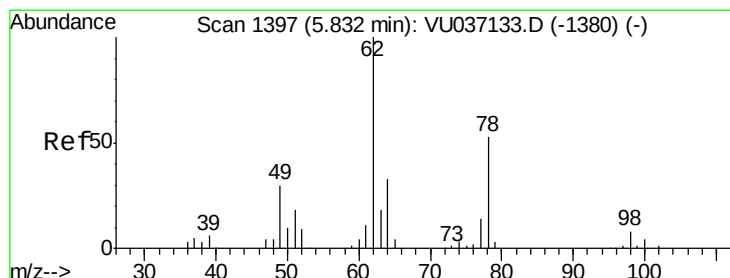
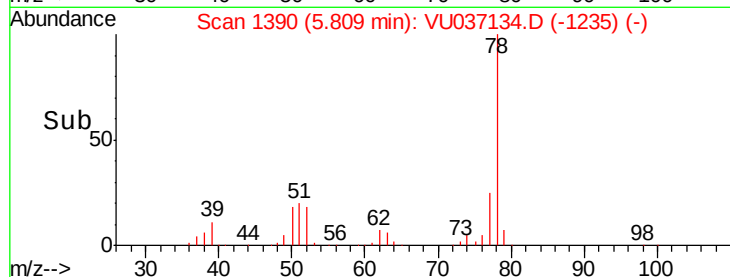
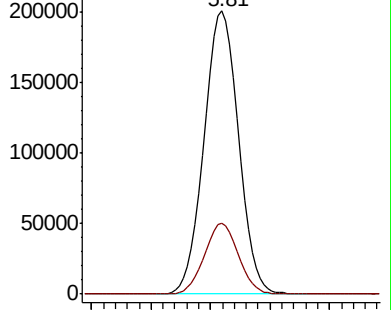
78 100

77 25.1 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) (-)



#36

1,2-Dichloroethane

Concen: 27.255 ug/l

RT: 5.83 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VU037134.D

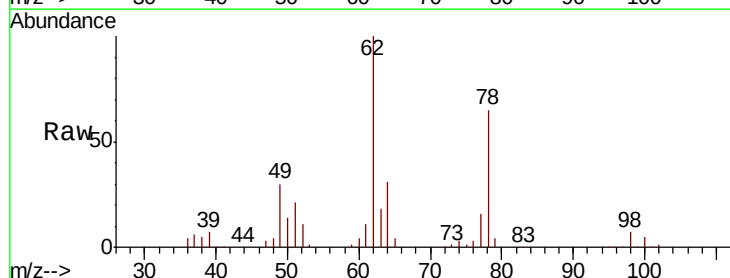
Acq: 09 Mar 2020 14:48

Tgt Ion: 62 Resp: 141975

Ion Ratio Lower Upper

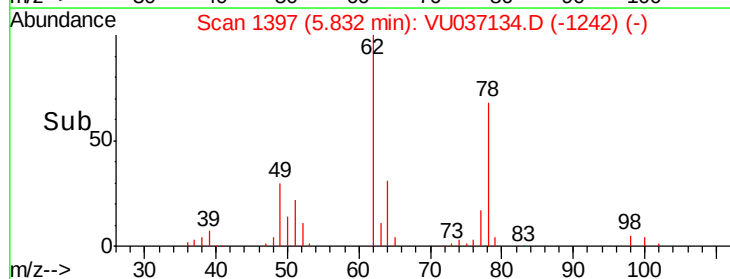
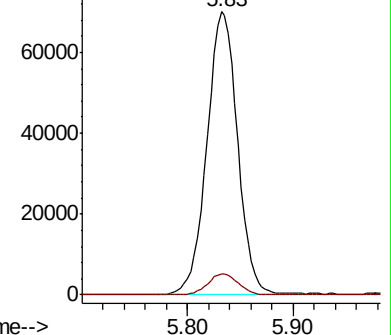
62 100

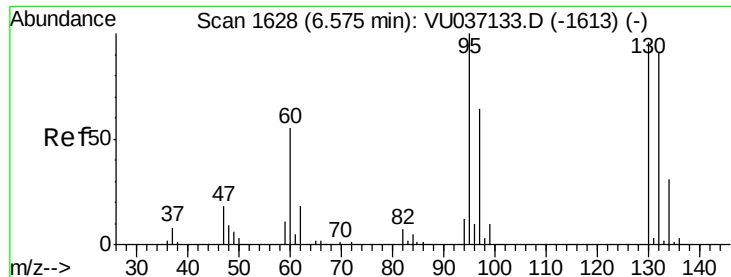
98 7.3 7.8 11.8#



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

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

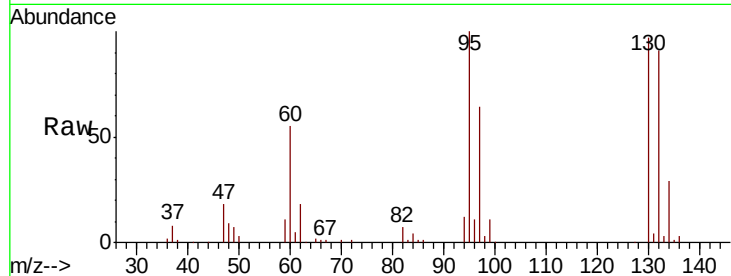




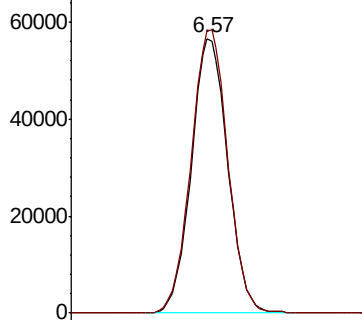
#37
 Trichloroethene
 Concen: 19.578 ug/l
 RT: 6.57 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: VU037134.D
 Acq: 09 Mar 2020 14:48

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

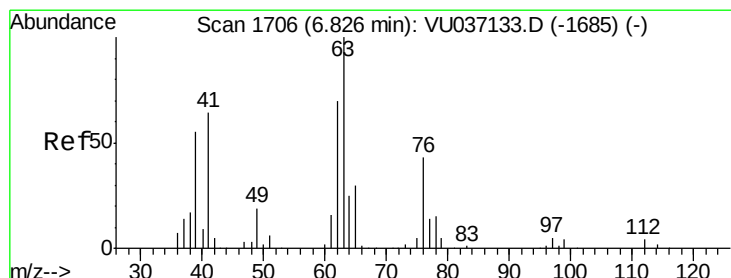
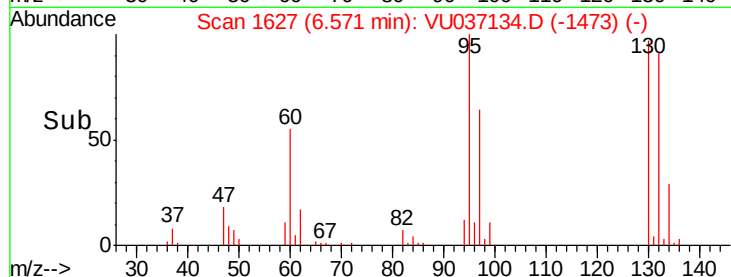
Tot Ion:130 Resp: 104595
 Ion Ratio Lower Upper
 130 100
 95 102.6 77.0 115.4



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

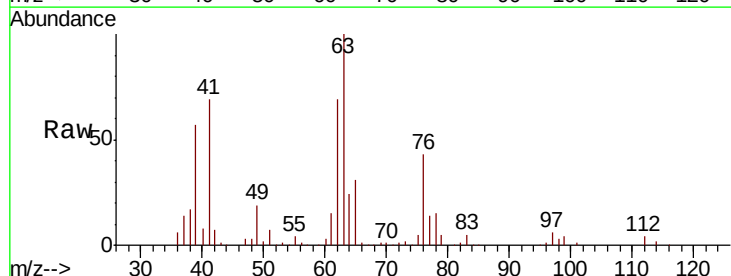


Time-->

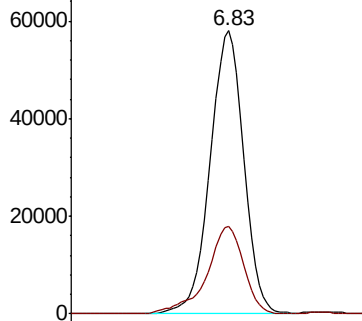


#38
 1,2-Dichloropropane
 Concen: 22.709 ug/l
 RT: 6.83 min Scan# 1706
 Delta R.T. -0.00 min
 Lab File: VU037134.D
 Acq: 09 Mar 2020 14:48

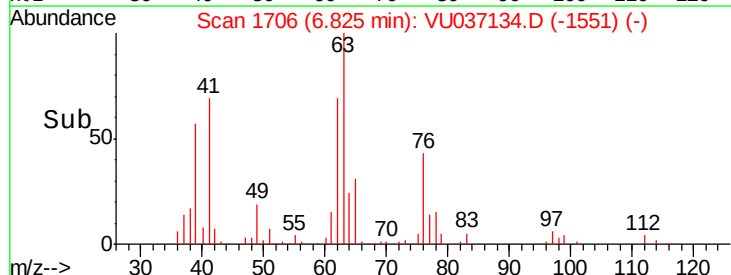
Tgt Ion: 63 Resp: 110486
 Ion Ratio Lower Upper
 63 100
 65 30.7 24.7 37.1

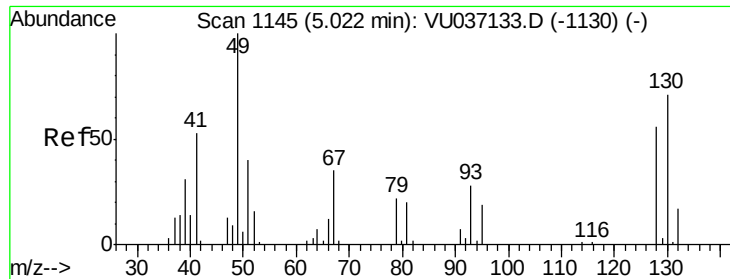


Abundance Ion 63.00 (62.70 to 63.70): VU037133.D (-1685) (-)
 Ion 65.00 (64.70 to 65.70): VU037133.D (-1685) (-)



Time-->

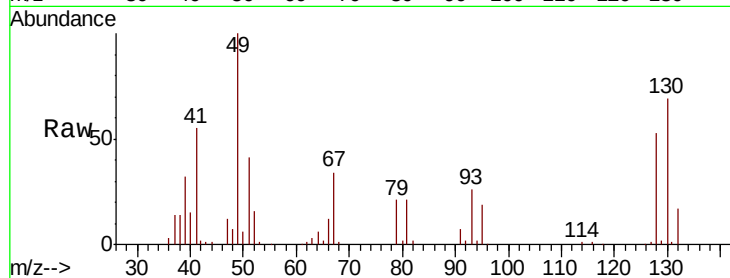




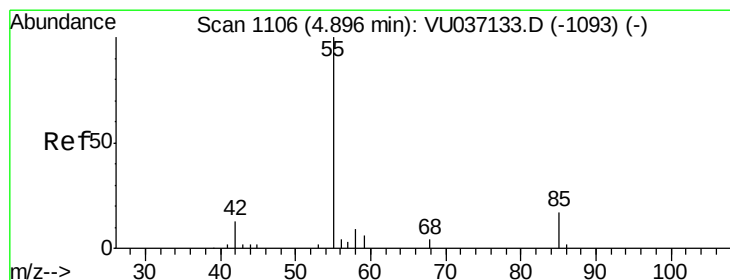
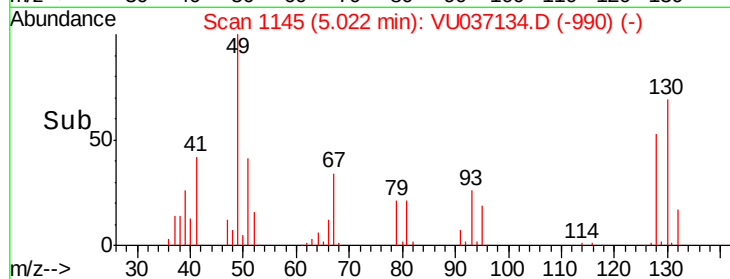
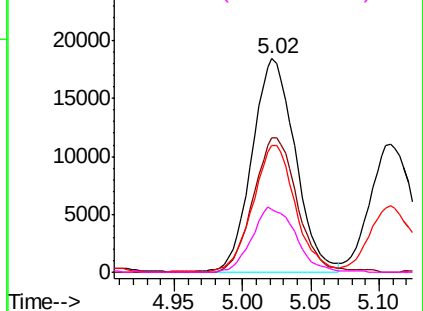
#39
Methacrylonitrile
Concen: 27.747 ug/l
RT: 5.02 min Scan# 1145
Delta R.T. -0.00 min
Lab File: VU037134.D
Acq: 09 Mar 2020 14:48

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

Tot Ion: 41 Resp: 40650
Ion Ratio Lower Upper
41 100
67 64.0 69.6 104.4#
39 58.3 41.6 62.4
52 30.9 25.9 38.9

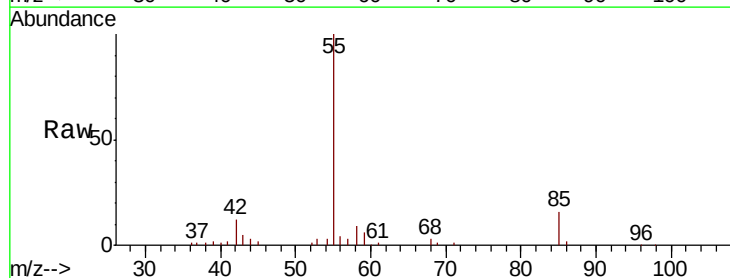


Abundance Ion 41.00 (40.70 to 41.70): VU0
Ion 67.00 (66.70 to 67.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 52.00 (51.70 to 52.70): VU0

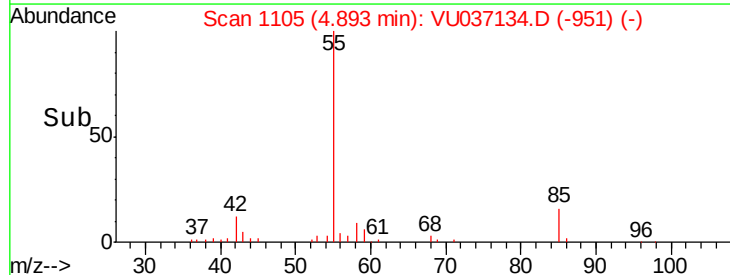
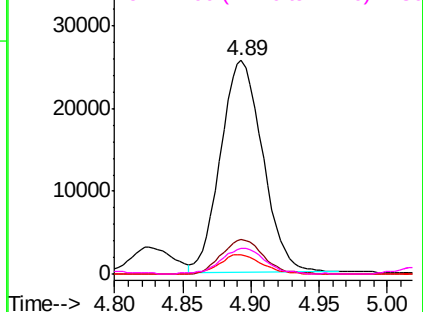


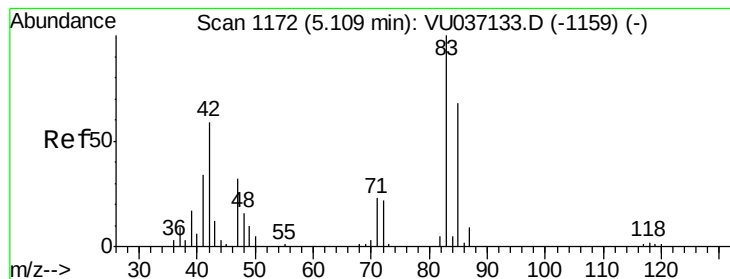
#40
Methyl acrylate
Concen: 23.730 ug/l
RT: 4.89 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VU037134.D
Acq: 09 Mar 2020 14:48

Tgt Ion: 55 Resp: 55103
Ion Ratio Lower Upper
55 100
85 16.0 14.7 22.1
58 9.2 7.1 10.7
42 12.5 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: 50.003 ug/l

RT: 5.11 min Scan# 1171

Delta R.T. -0.00 min

Lab File: VU037134.D

Acq: 09 Mar 2020 14:48

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

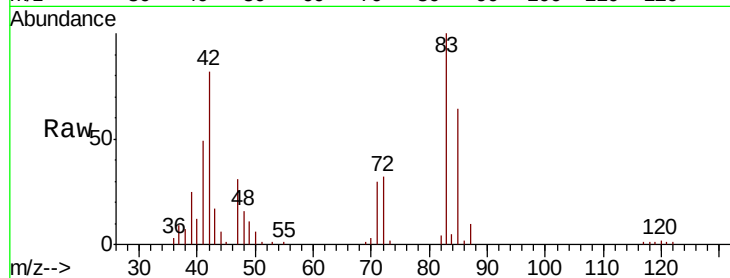
Tot Ion: 42 Resp: 39911

Ion Ratio Lower Upper

42 100

72 44.0 42.5 63.7

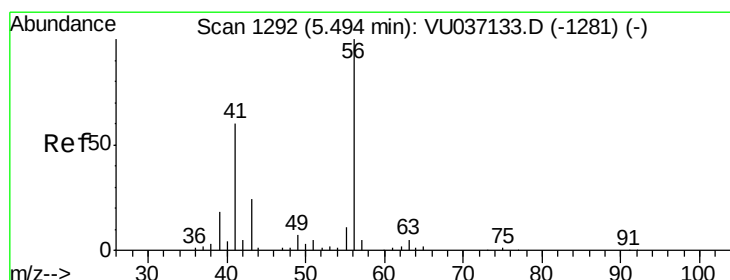
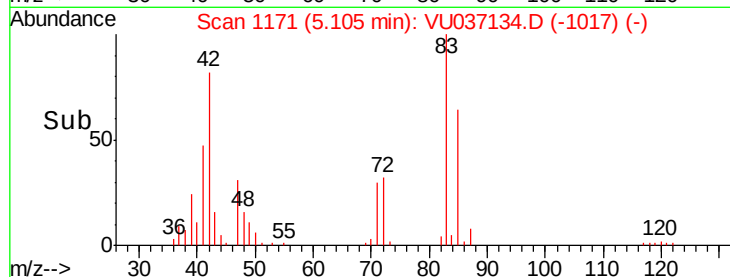
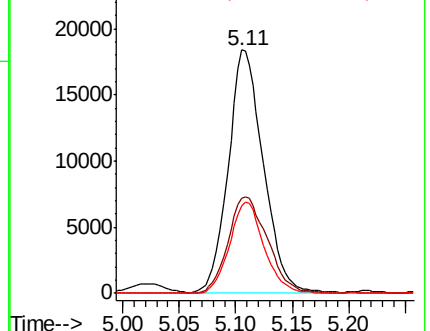
71 36.6 37.3 55.9#



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) (-)



#42

1-Chlorobutane

Concen: 24.748 ug/l

RT: 5.49 min Scan# 1292

Delta R.T. -0.00 min

Lab File: VU037134.D

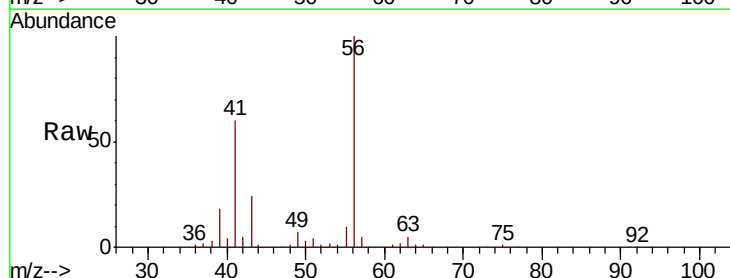
Acq: 09 Mar 2020 14:48

Tgt Ion: 56 Resp: 214262

Ion Ratio Lower Upper

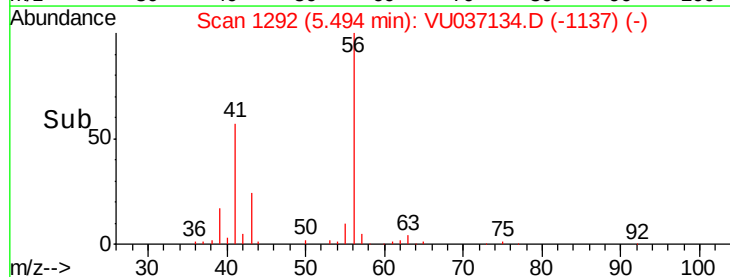
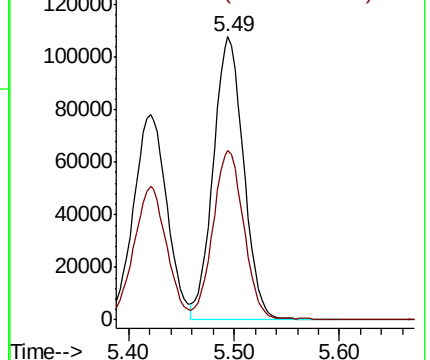
56 100

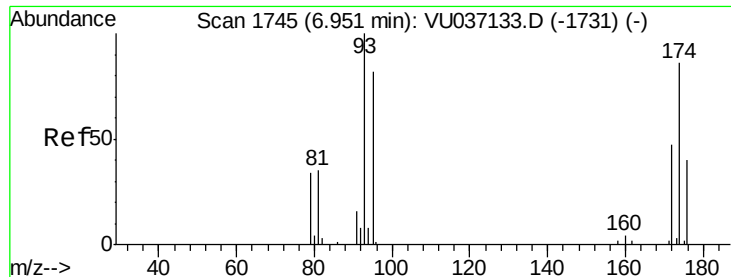
41 60.3 24.8 74.3



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

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





#43

Dibromomethane

Concen: 22.334 ug/l

RT: 6.95 min Scan# 1745

Delta R.T. -0.00 min

Lab File: VU037134.D

Acq: 09 Mar 2020 14:48

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

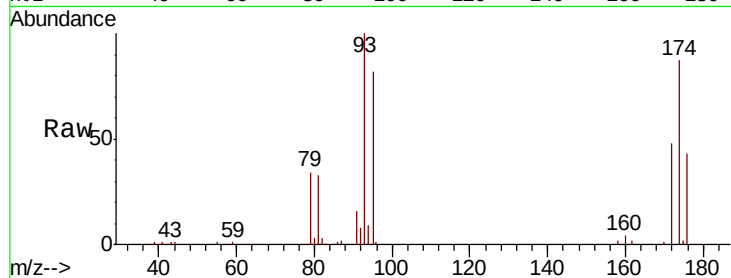
Tot Ion: 93 Resp: 56715

Ion Ratio Lower Upper

93 100

95 81.5 67.9 101.9

174 89.2 83.4 125.0

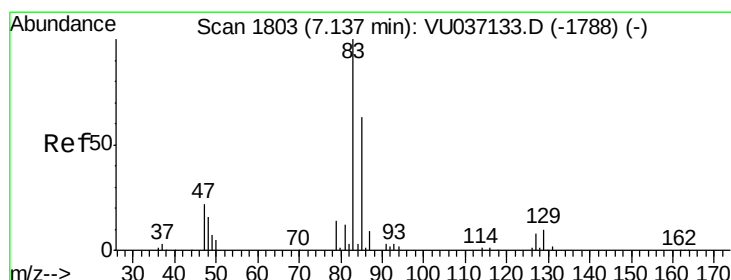
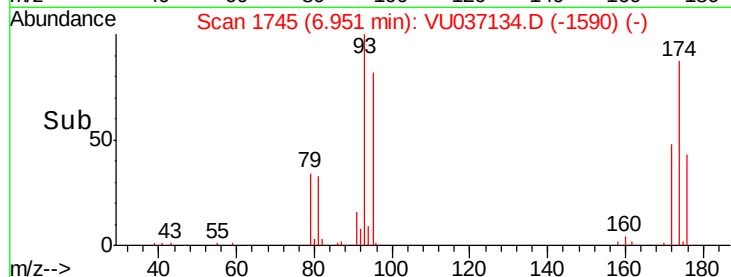
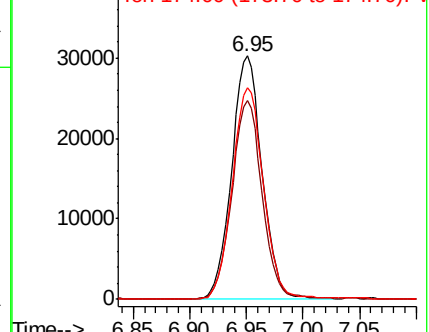


Abundance

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: 24.920 ug/l

RT: 7.14 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VU037134.D

Acq: 09 Mar 2020 14:48

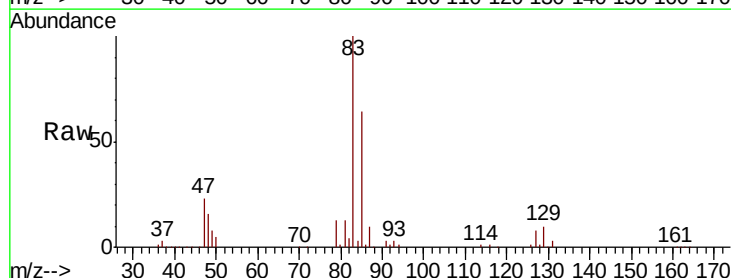
Tgt Ion: 83 Resp: 149694

Ion Ratio Lower Upper

83 100

85 64.4 51.8 77.6

127 8.2 6.8 10.2

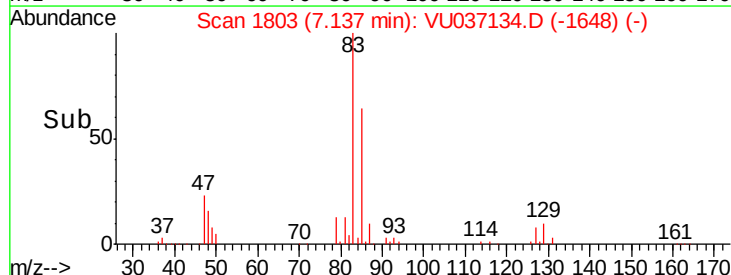
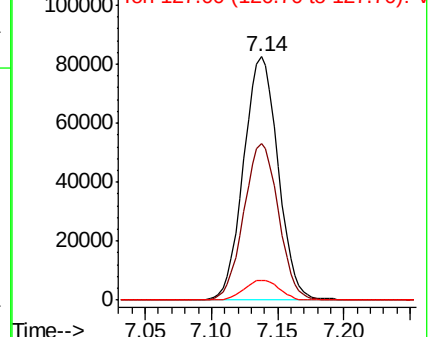


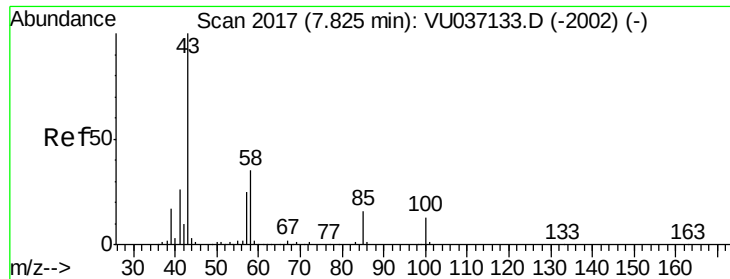
Abundance

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

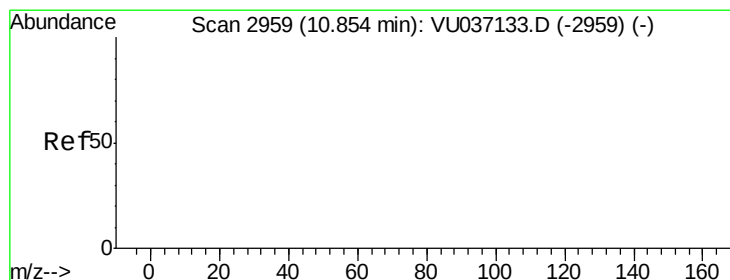
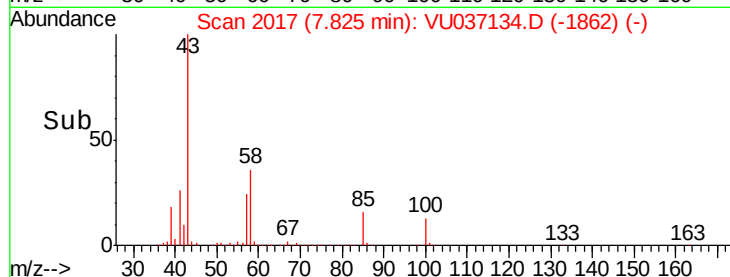
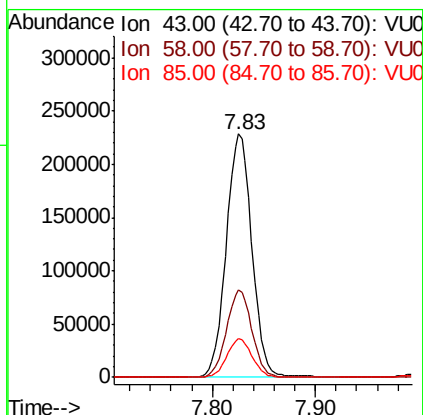
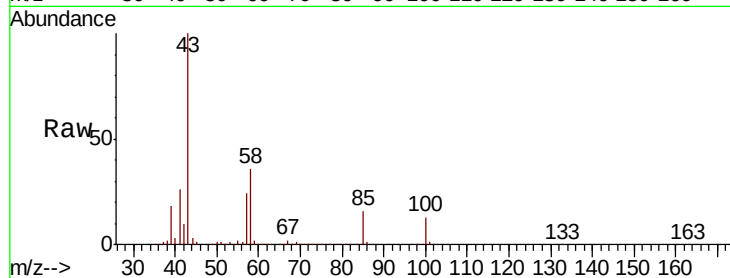




#45
 4-Methyl-2-Pentanone
 Concen: 139.049 ug/l
 RT: 7.83 min Scan# 2017
 Delta R.T. -0.00 min
 Lab File: VU037134.D
 Acq: 09 Mar 2020 14:48

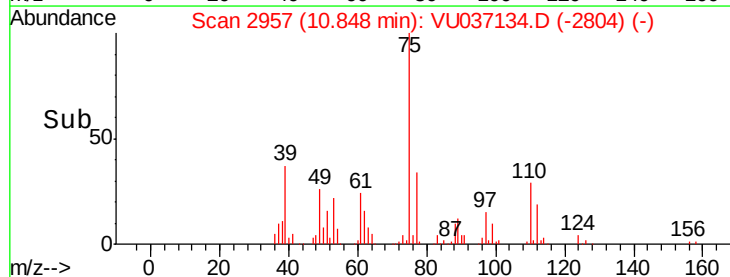
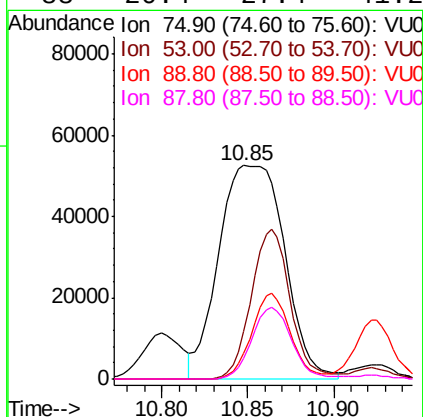
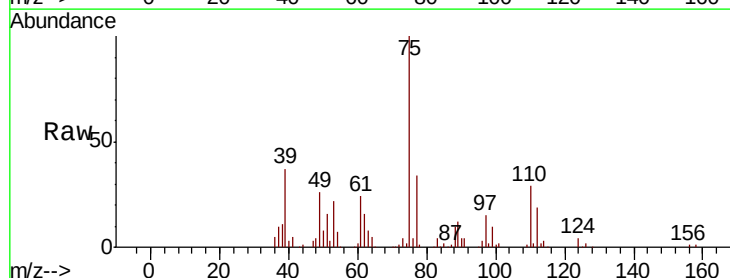
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

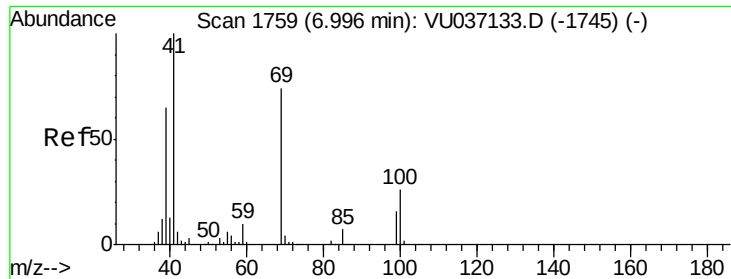
Tot Ion: 43 Resp: 397830
 Ion Ratio Lower Upper
 43 100
 58 35.4 22.1 66.1
 85 15.6 17.4 26.0#



#46
 t-1,4-Dichloro-2-butene
 Concen: 110.651 ug/l
 RT: 10.85 min Scan# 2957
 Delta R.T. -0.01 min
 Lab File: VU037134.D
 Acq: 09 Mar 2020 14:48

Tgt Ion: 75 Resp: 139419
 Ion Ratio Lower Upper
 75 100
 53 41.7 52.2 78.2#
 89 23.6 39.8 59.6#
 88 20.4 27.4 41.2#

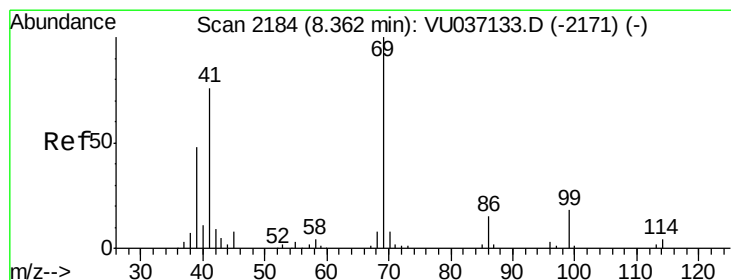
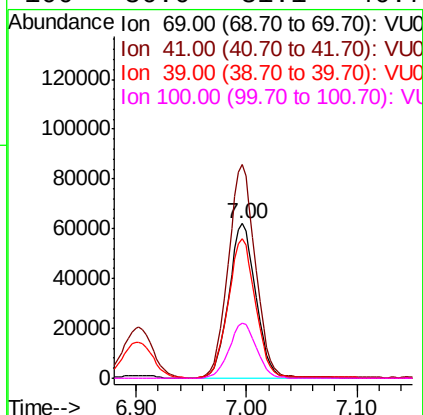
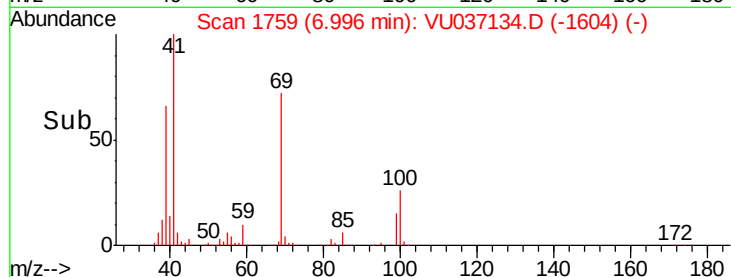
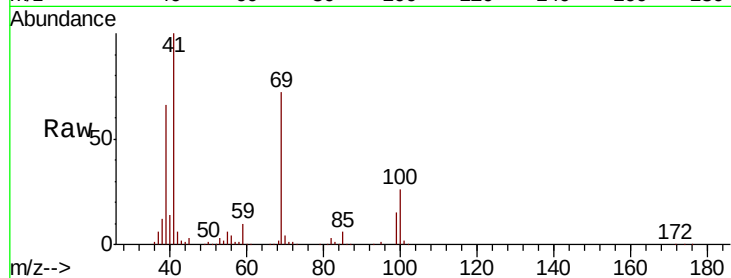




#47
Methyl methacrylate
Concen: 42.584 ug/l
RT: 7.00 min Scan# 1759
Delta R.T. -0.00 min
Lab File: VU037134.D
Acq: 09 Mar 2020 14:48

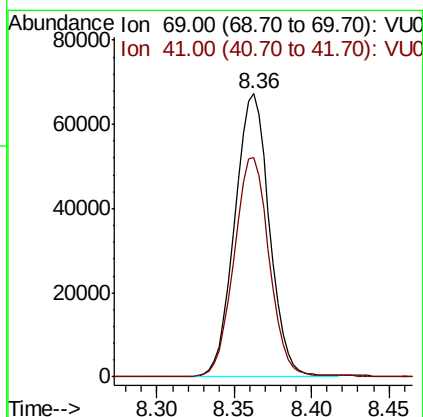
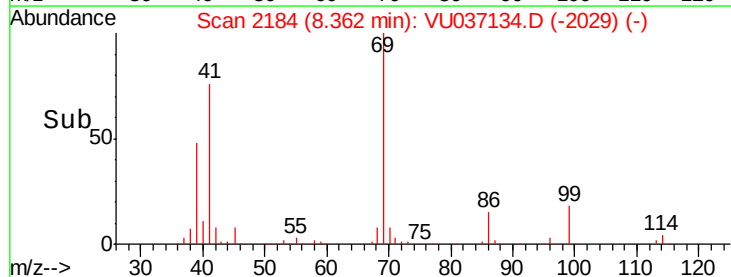
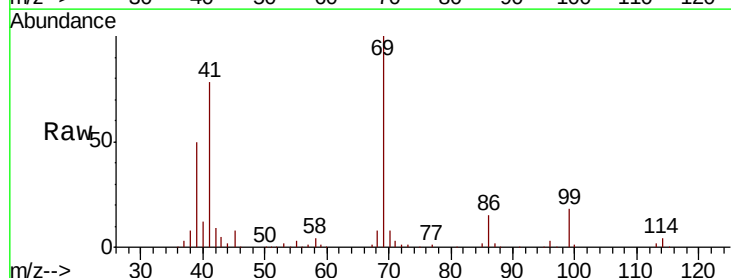
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

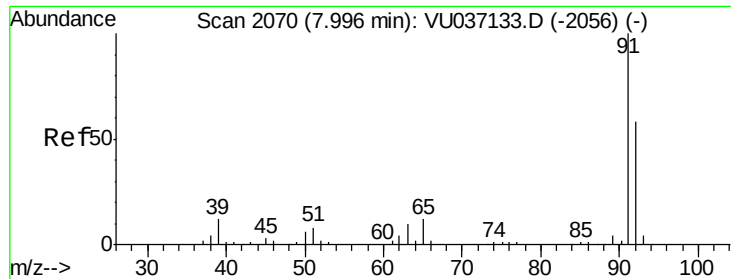
Tot Ion: 69 Resp: 105971
Ion Ratio Lower Upper
69 100
41 137.1 0.0 200.8
39 89.9 43.5 65.3#
100 36.0 31.1 46.7



#48
Ethyl methacrylate
Concen: 21.812 ug/l
RT: 8.36 min Scan# 2184
Delta R.T. -0.00 min
Lab File: VU037134.D
Acq: 09 Mar 2020 14:48

Tgt Ion: 69 Resp: 104844
Ion Ratio Lower Upper
69 100
41 79.2 27.9 83.6





#49

Toluene

Concen: 21.314 ug/l

RT: 8.00 min Scan# 2070

Delta R.T. -0.00 min

Lab File: VU037134.D

Acq: 09 Mar 2020 14:48

Instrument :

MSVOA_U

ClientSampleId :

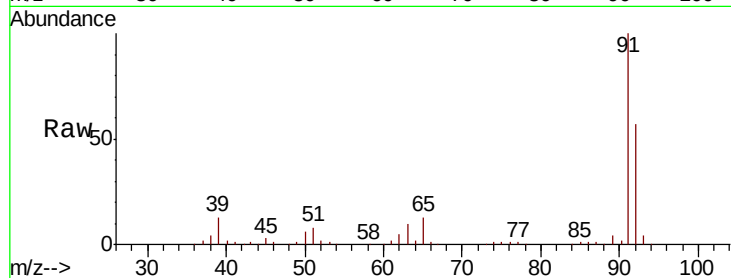
VSTDIC020

Tot Ion: 92 Resp: 263279

Ion Ratio Lower Upper

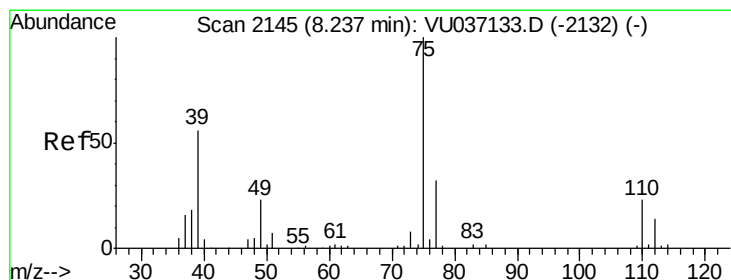
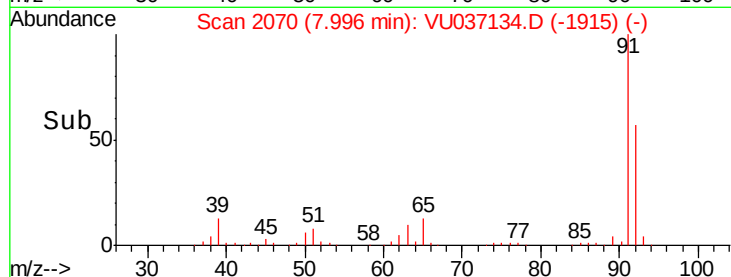
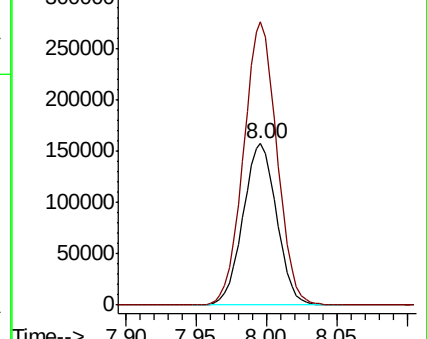
92 100

91 173.7 139.1 208.7



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

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



#50

t-1,3-Dichloropropene

Concen: 24.311 ug/l

RT: 8.24 min Scan# 2145

Delta R.T. -0.00 min

Lab File: VU037134.D

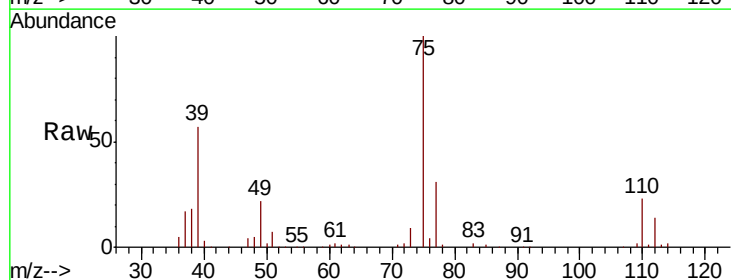
Acq: 09 Mar 2020 14:48

Tgt Ion: 75 Resp: 145521

Ion Ratio Lower Upper

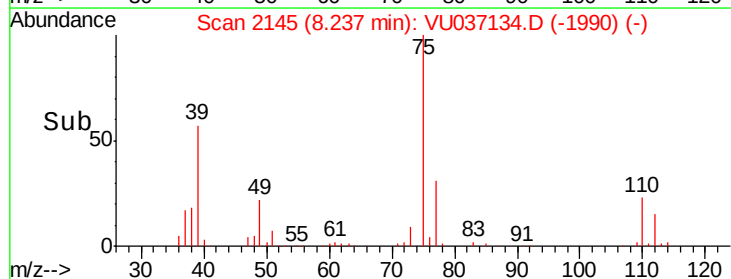
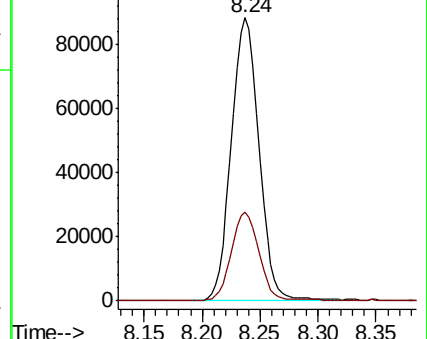
75 100

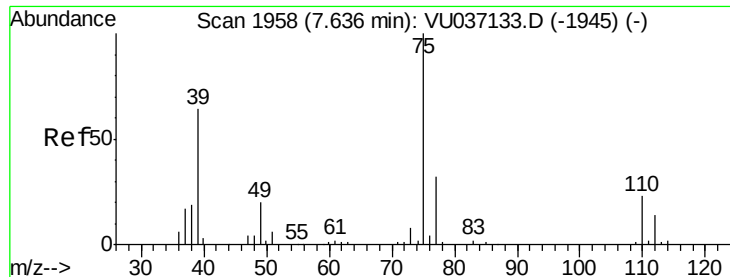
77 31.1 25.4 38.2



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

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



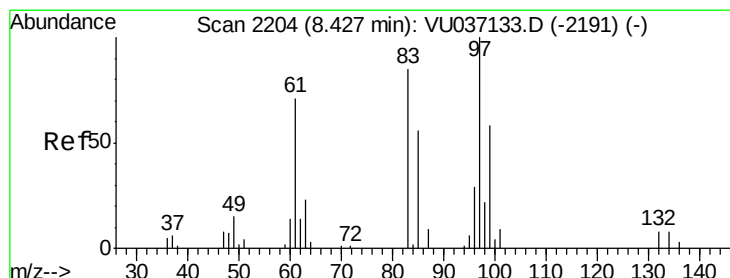
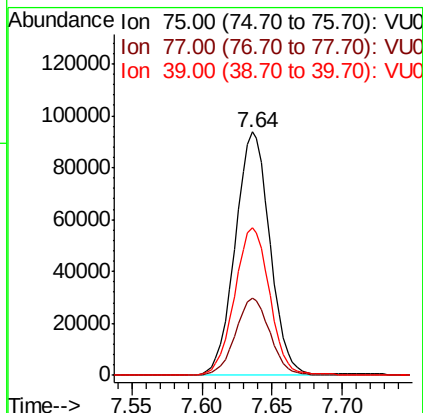
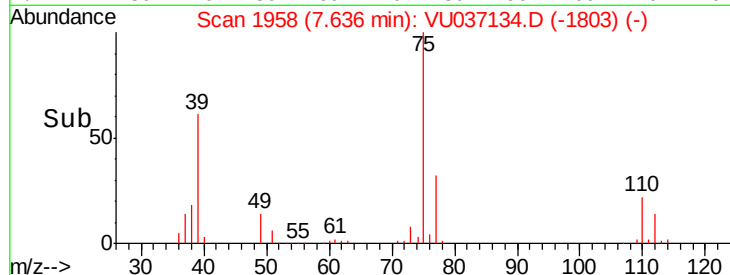
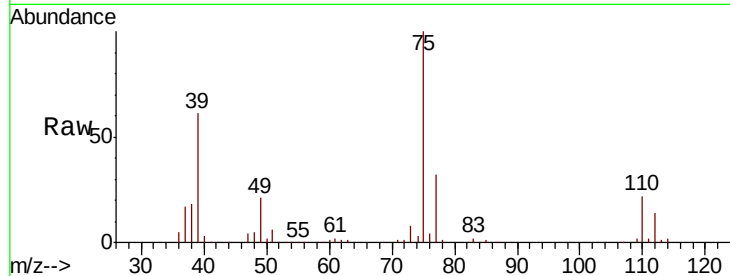


#51

cis-1,3-Dichloropropene
 Concen: 22.342 ug/l
 RT: 7.64 min Scan# 1958
 Delta R.T. -0.00 min
 Lab File: VU037134.D
 Acq: 09 Mar 2020 14:48

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

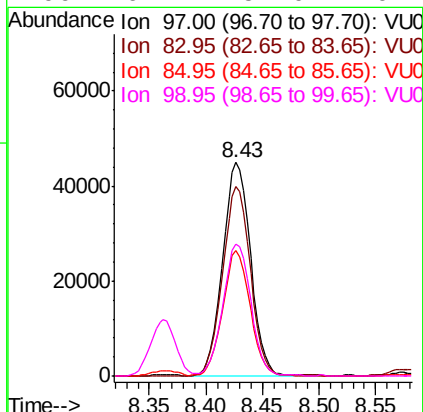
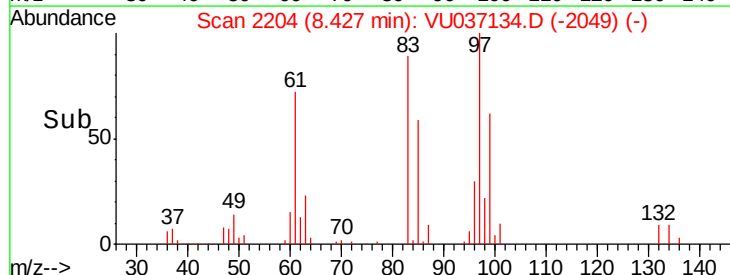
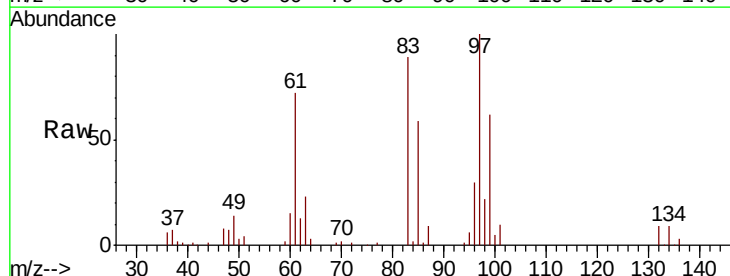
Tot Ion: 75 Resp: 162072
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.3 37.9
 39 60.8 31.8 47.6#

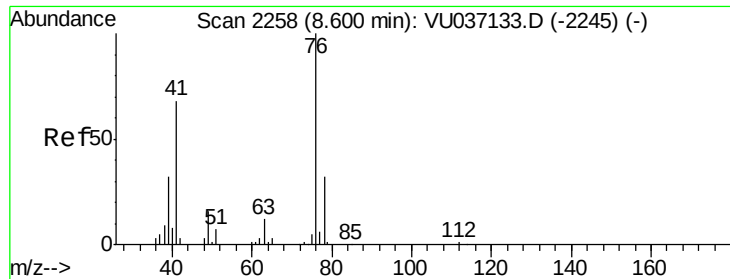


#52

1,1,2-Trichloroethane
 Concen: 21.496 ug/l
 RT: 8.43 min Scan# 2204
 Delta R.T. -0.00 min
 Lab File: VU037134.D
 Acq: 09 Mar 2020 14:48

Tgt Ion: 97 Resp: 77450
 Ion Ratio Lower Upper
 97 100
 83 88.8 70.9 106.3
 85 58.8 45.6 68.4
 99 61.7 51.0 76.4





#53

1,3-Dichloropropane

Concen: 22.059 ug/l

RT: 8.60 min Scan# 2258

Delta R.T. -0.00 min

Lab File: VU037134.D

Acq: 09 Mar 2020 14:48

Instrument :

MSVOA_U

ClientSampleId :

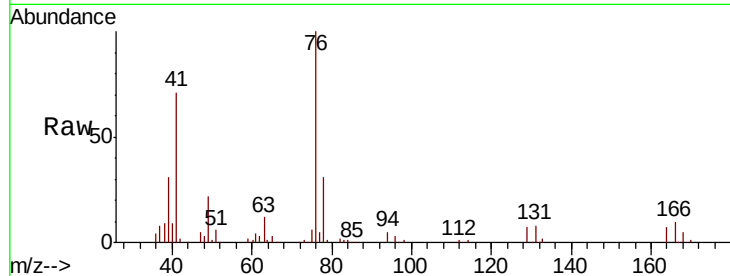
VSTDIC020

Tot Ion: 76 Resp: 136232

Ion Ratio Lower Upper

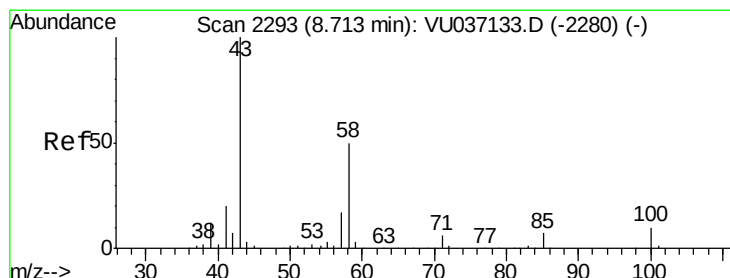
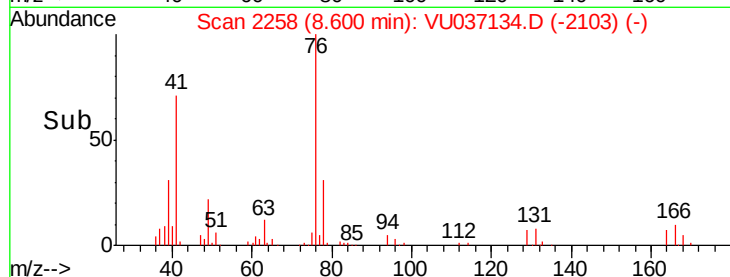
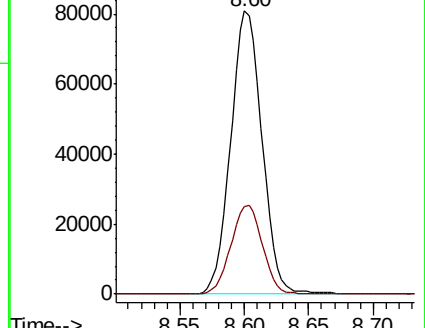
76 100

78 31.7 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: 142.839 ug/l

RT: 8.71 min Scan# 2293

Delta R.T. -0.00 min

Lab File: VU037134.D

Acq: 09 Mar 2020 14:48

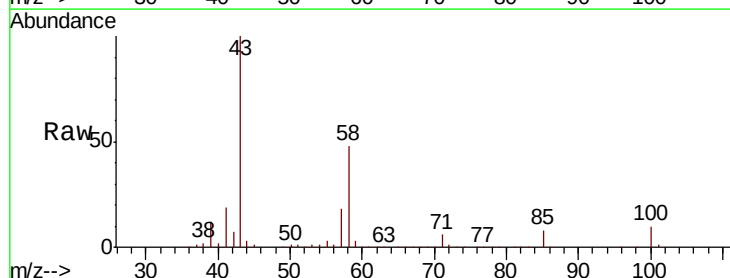
Tgt Ion: 43 Resp: 286606

Ion Ratio Lower Upper

43 100

58 48.8 40.6 80.6

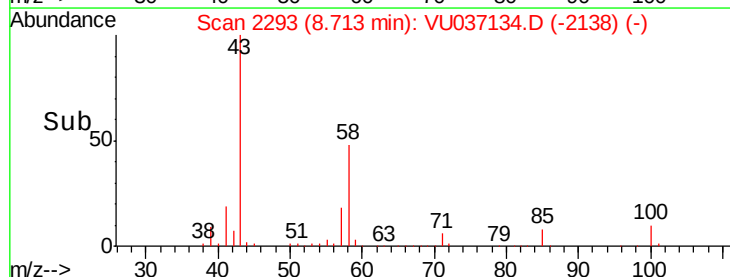
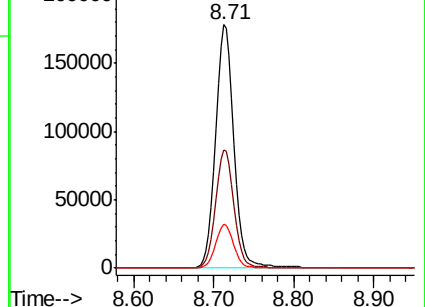
57 17.9 1.2 41.2

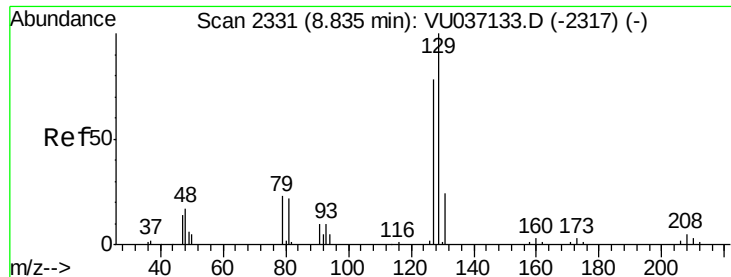


Abundance Ion 43.00 (42.70 to 43.70): VU037133.D (-2280) (-)

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: 23.498 ug/l

RT: 8.84 min Scan# 2331

Delta R.T. -0.00 min

Lab File: VU037134.D

Acq: 09 Mar 2020 14:48

Instrument :

MSVOA_U

ClientSampleId :

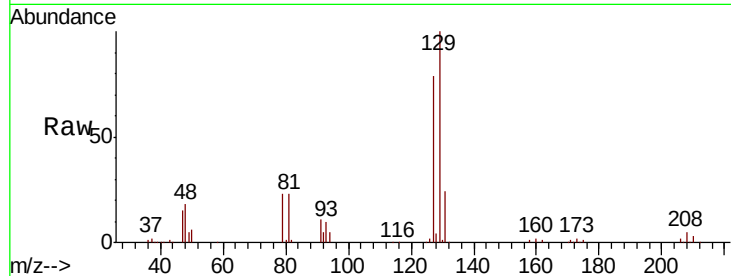
VSTDIC020

Tot Ion:129 Resp: 97475

Ion Ratio Lower Upper

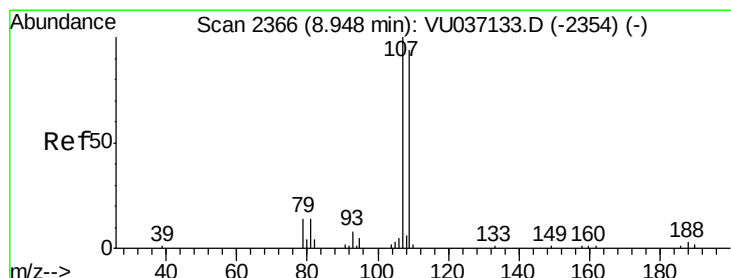
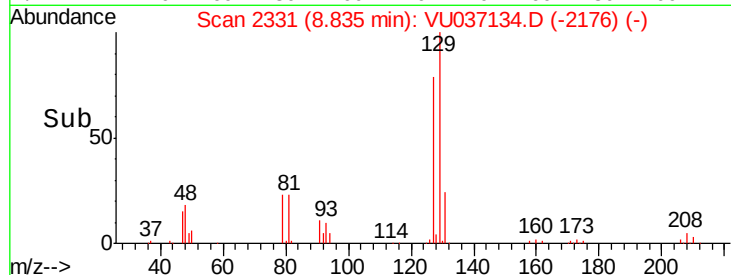
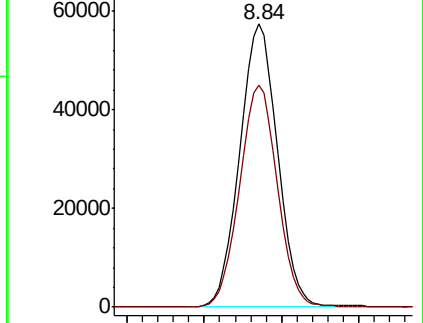
129 100

127 78.6 62.6 94.0



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#56

1,2-Dibromoethane

Concen: 21.360 ug/l

RT: 8.95 min Scan# 2367

Delta R.T. 0.00 min

Lab File: VU037134.D

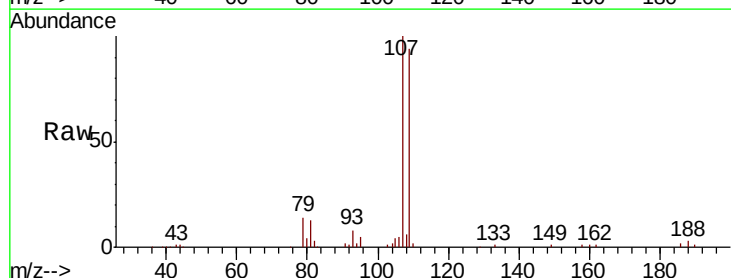
Acq: 09 Mar 2020 14:48

Tgt Ion:107 Resp: 74105

Ion Ratio Lower Upper

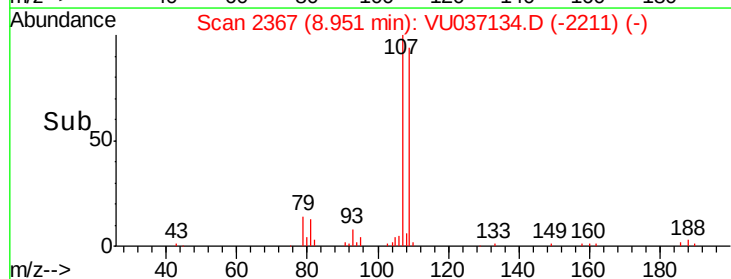
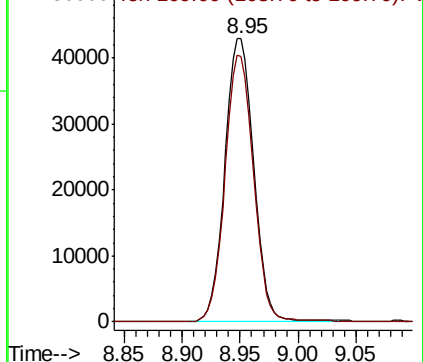
107 100

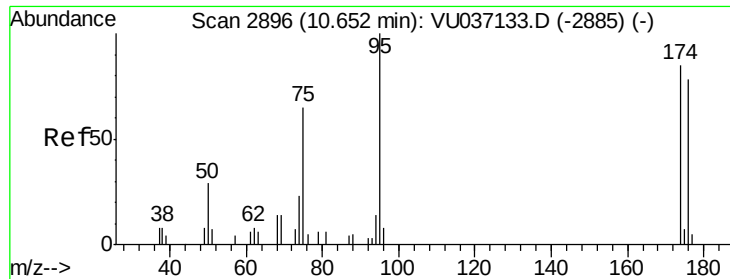
109 92.8 0.0 190.8



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

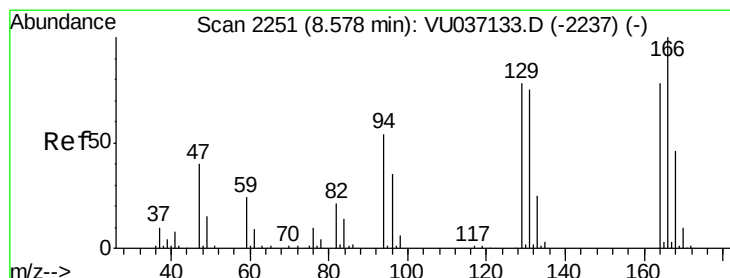
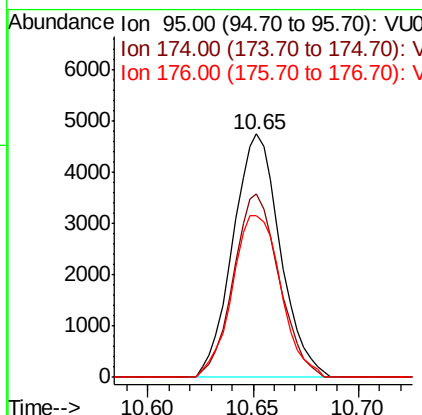
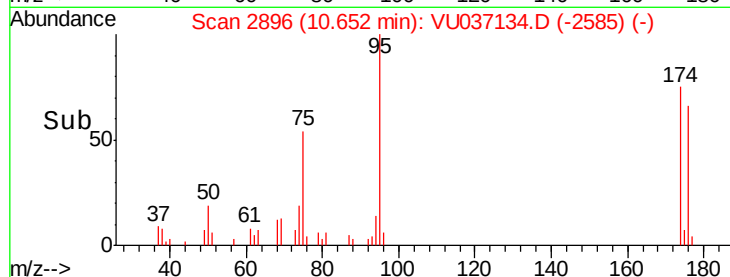
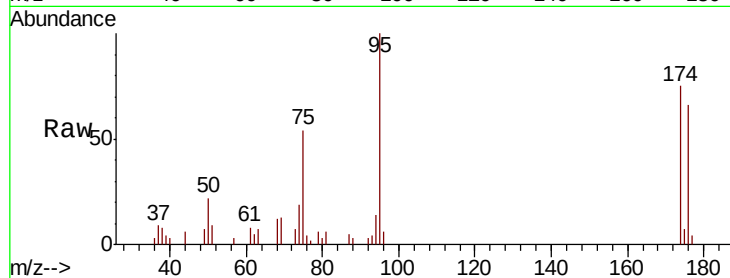




#57
4-Bromofluorobenzene
Concen: 1.121 ug/l
RT: 10.65 min Scan# 2896
Delta R.T. -0.00 min
Lab File: VU037134.D
Acq: 09 Mar 2020 14:48

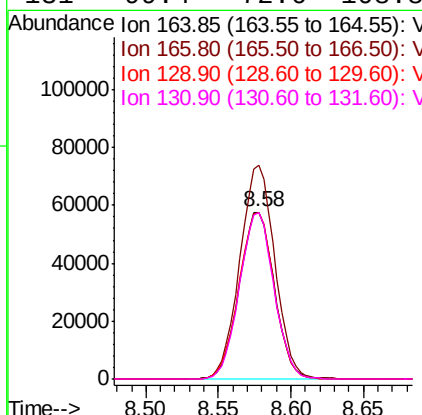
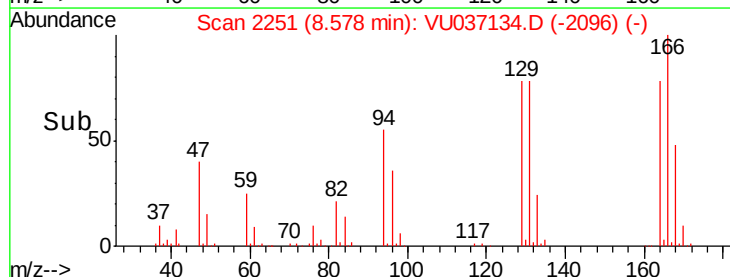
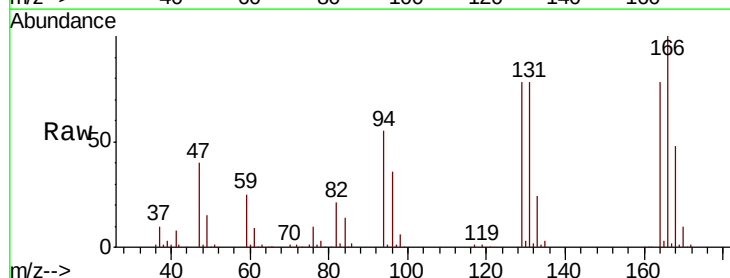
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

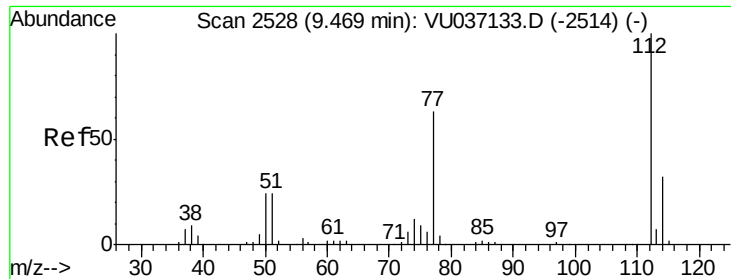
Tot Ion: 95 Resp: 7389
Ion Ratio Lower Upper
95 100
174 72.5 64.7 97.1
176 68.5 60.6 91.0



#58
Tetrachloroethene
Concen: 18.174 ug/l
RT: 8.58 min Scan# 2251
Delta R.T. -0.00 min
Lab File: VU037134.D
Acq: 09 Mar 2020 14:48

Tgt Ion: 164 Resp: 97045
Ion Ratio Lower Upper
164 100
166 127.9 102.0 153.0
129 99.7 74.9 112.3
131 99.4 72.6 108.8





#59

Chlorobenzene

Concen: 20.597 ug/l

RT: 9.47 min Scan# 2528

Delta R.T. -0.00 min

Lab File: VU037134.D

Acq: 09 Mar 2020 14:48

Instrument :

MSVOA_U

ClientSampleId :

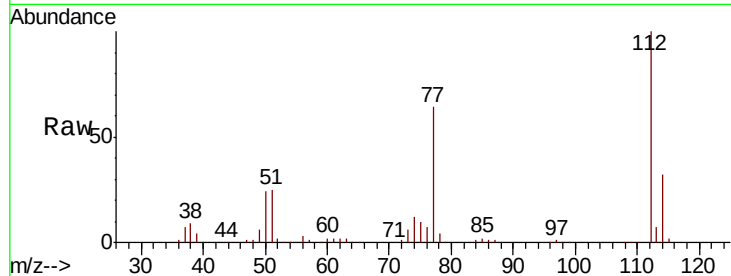
VSTDIC020

Tot Ion:112 Resp: 283401

Ion Ratio Lower Upper

112 100

114 32.2 25.8 38.8



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

200000

150000

100000

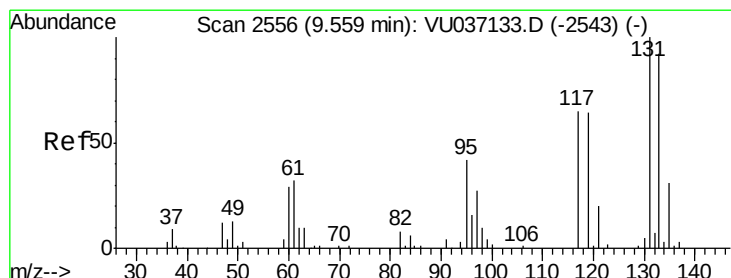
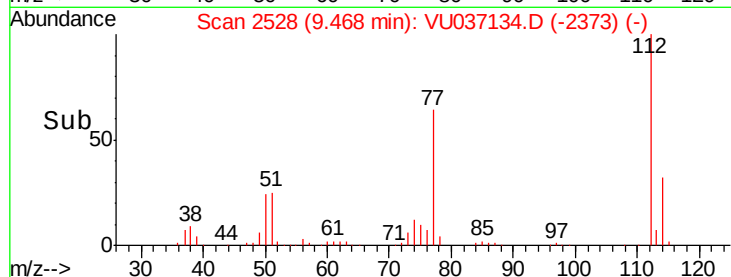
50000

0

9.47

9.40 9.45 9.50 9.55

Time-->



#60

1,1,1,2-Tetrachloroethane

Concen: 23.683 ug/l

RT: 9.56 min Scan# 2556

Delta R.T. -0.00 min

Lab File: VU037134.D

Acq: 09 Mar 2020 14:48

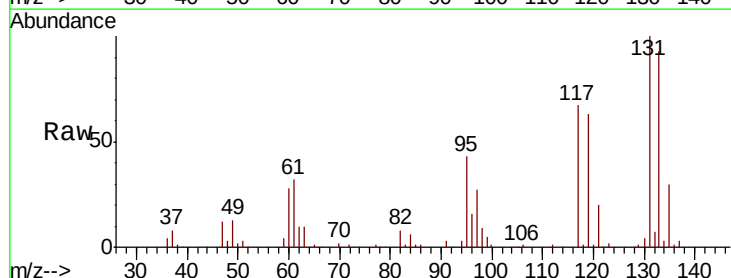
Tgt Ion:131 Resp: 104073

Ion Ratio Lower Upper

131 100

133 94.3 76.4 114.6

119 63.5 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

80000

60000

40000

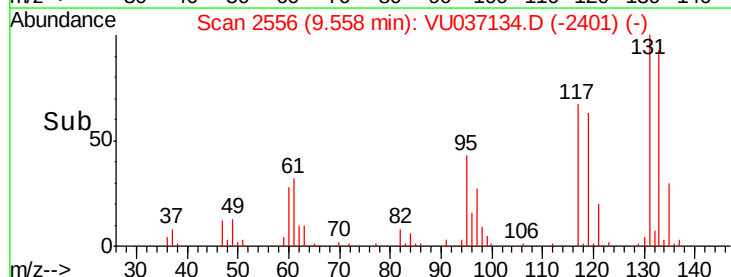
20000

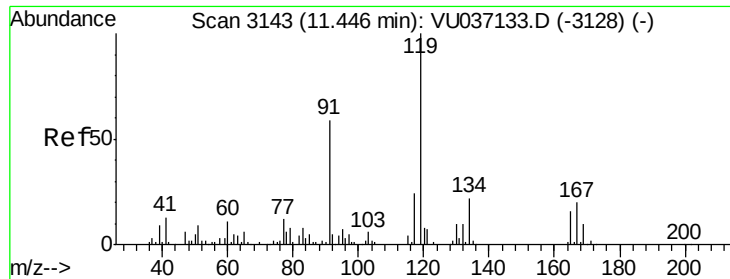
0

9.56

9.50 9.55 9.60 9.65

Time-->





#61

Pentachloroethane

Concen: 28.730 ug/l

RT: 11.45 min Scan# 3143

Delta R.T. -0.00 min

Lab File: VU037134.D

Acq: 09 Mar 2020 14:48

Instrument :

MSVOA_U

ClientSampleId :

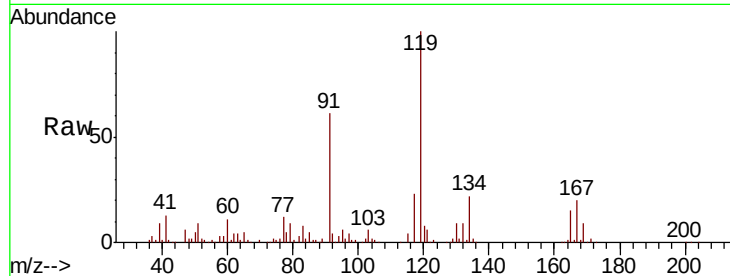
VSTDIC020

Tot Ion:117 Resp: 81457

Ion Ratio Lower Upper

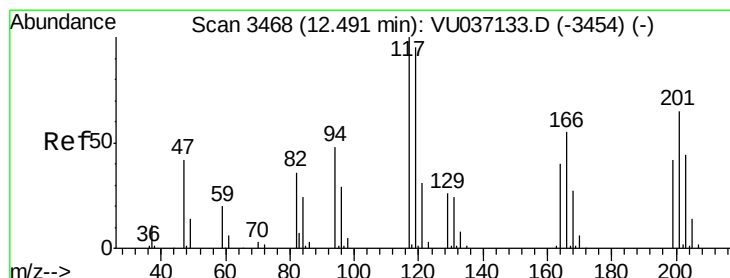
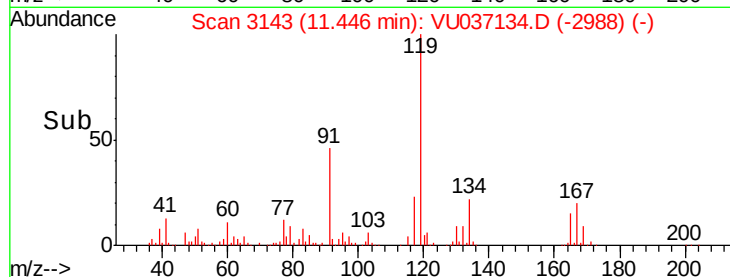
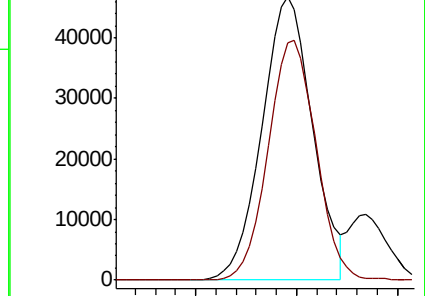
117 100

167 79.9 66.7 100.1



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 166.70 (166.40 to 167.40): V



#62

Hexachloroethane

Concen: 25.133 ug/l

RT: 12.49 min Scan# 3468

Delta R.T. -0.00 min

Lab File: VU037134.D

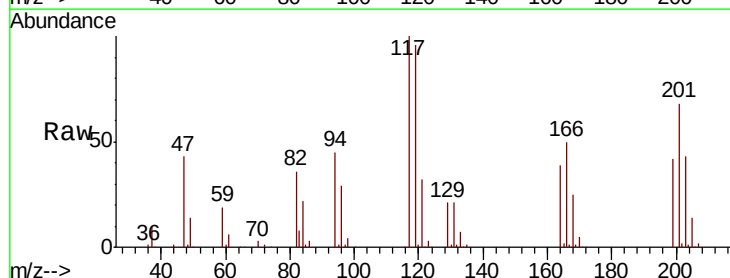
Acq: 09 Mar 2020 14:48

Tgt Ion:117 Resp: 90812

Ion Ratio Lower Upper

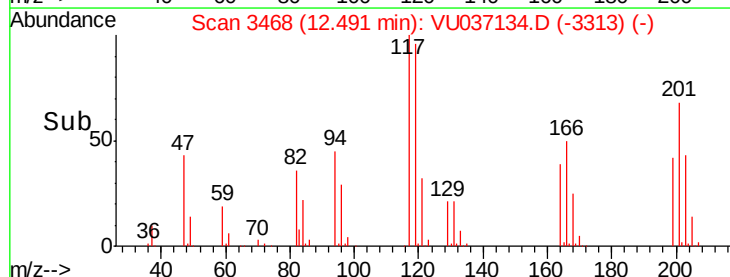
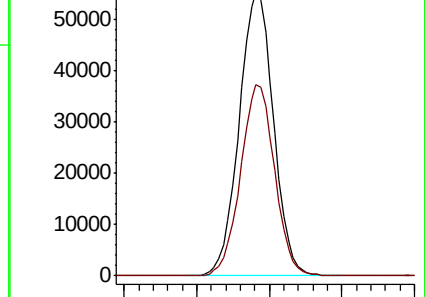
117 100

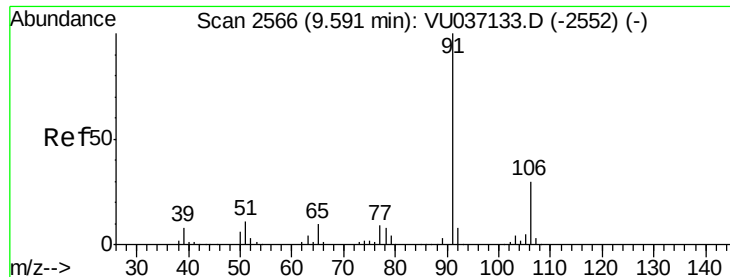
201 67.1 65.0 97.4



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.60 (200.30 to 201.30): V

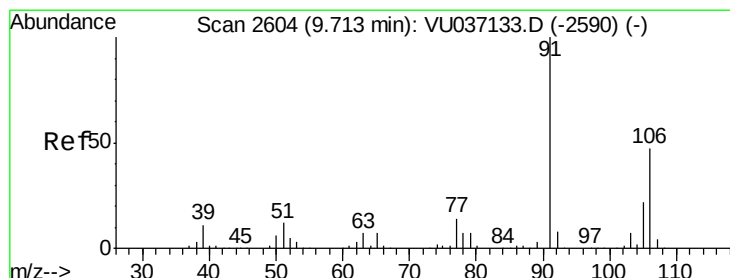
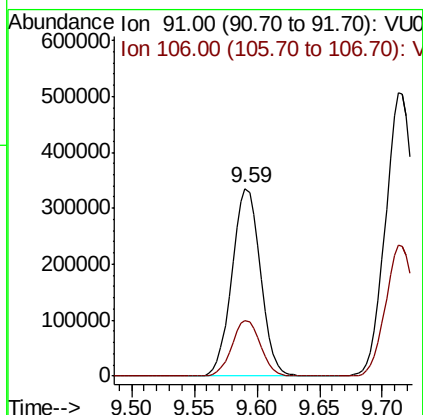
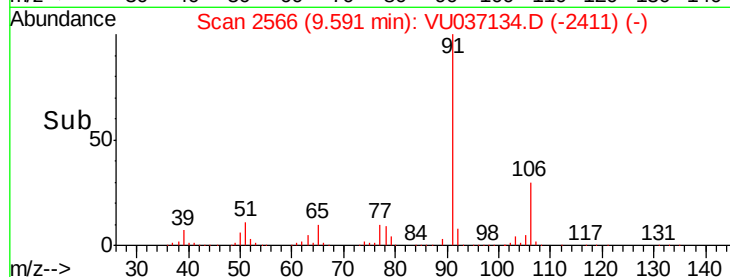
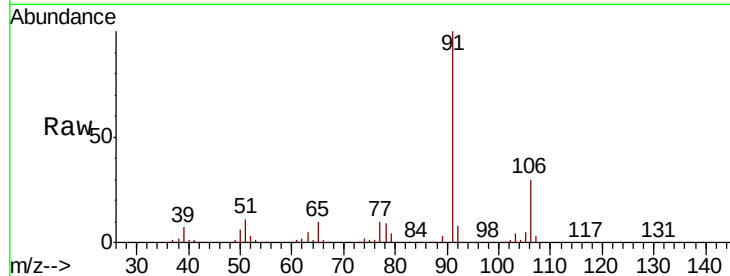




#63
Ethyl Benzene
Concen: 22.969 ug/l
RT: 9.59 min Scan# 2566
Delta R.T. -0.00 min
Lab File: VU037134.D
Acq: 09 Mar 2020 14:48

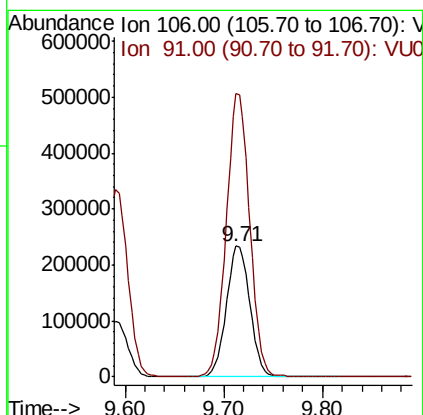
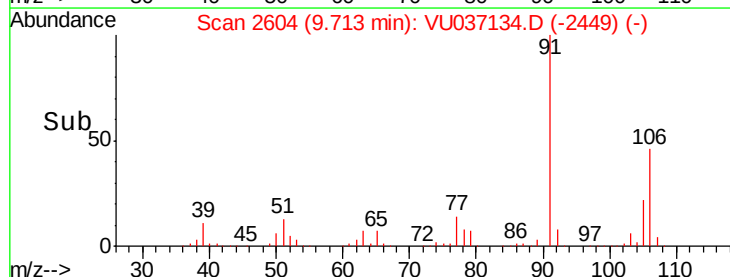
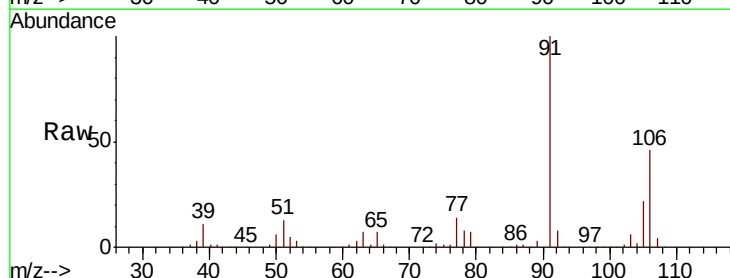
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

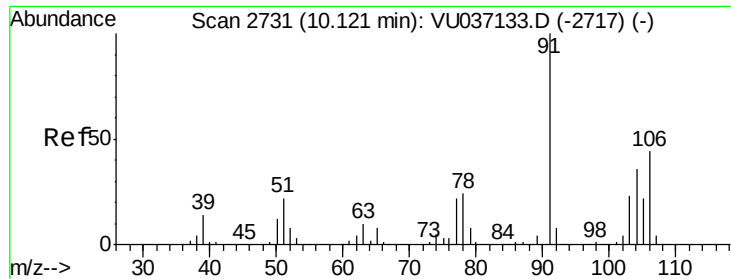
Tot Ion: 91 Resp: 529663
Ion Ratio Lower Upper
91 100
106 29.9 26.0 39.0



#64
m/p-Xylenes
Concen: 42.783 ug/l
RT: 9.71 min Scan# 2604
Delta R.T. -0.00 min
Lab File: VU037134.D
Acq: 09 Mar 2020 14:48

Tgt Ion: 106 Resp: 390508
Ion Ratio Lower Upper
106 100
91 215.2 158.2 237.4

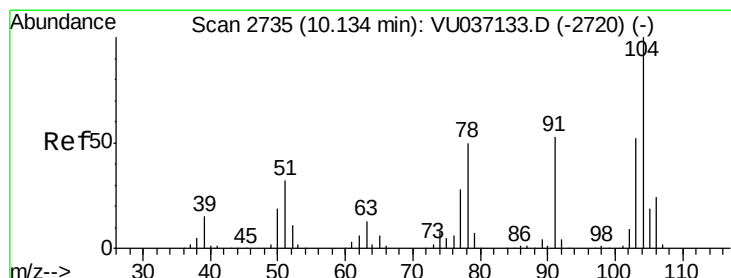
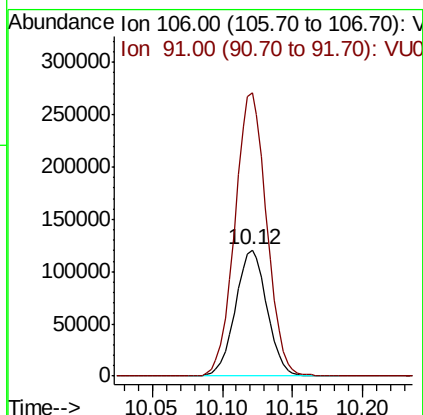
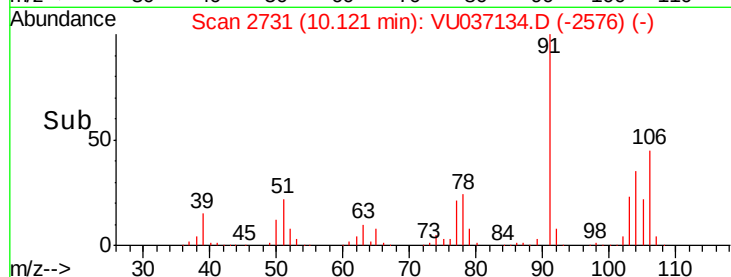
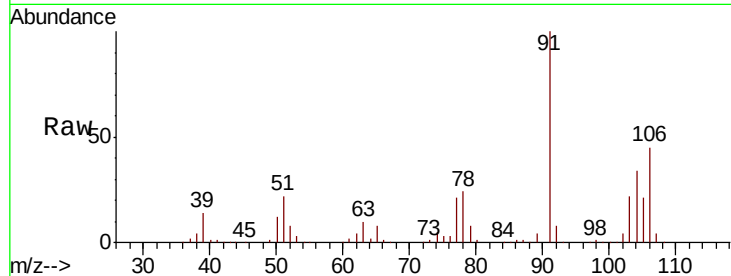




#65
o-Xylene
Concen: 21.440 ug/l
RT: 10.12 min Scan# 2731
Delta R.T. -0.00 min
Lab File: VU037134.D
Acq: 09 Mar 2020 14:48

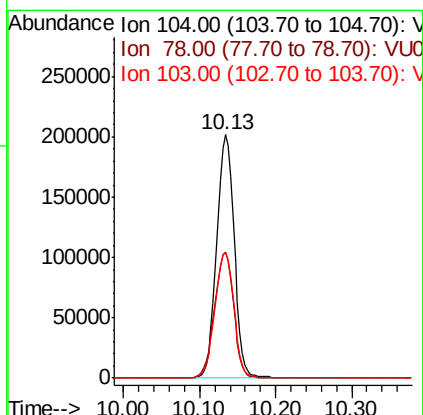
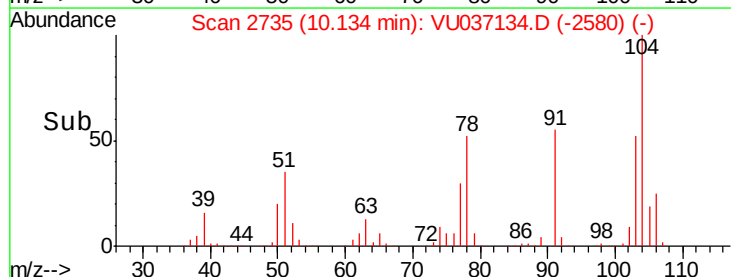
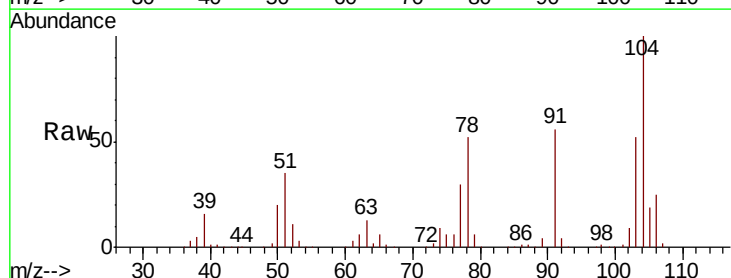
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

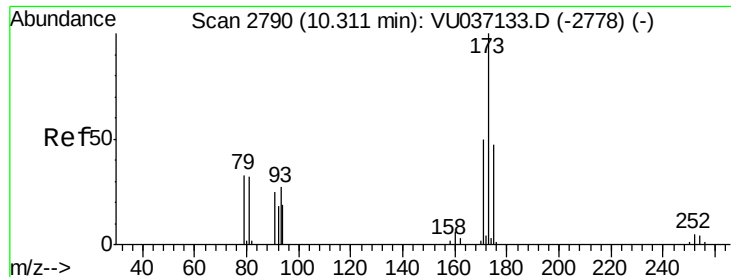
Tot Ion:106 Resp: 189505
Ion Ratio Lower Upper
106 100
91 225.4 104.3 312.9



#66
Styrene
Concen: 21.850 ug/l
RT: 10.13 min Scan# 2735
Delta R.T. -0.00 min
Lab File: VU037134.D
Acq: 09 Mar 2020 14:48

Tgt Ion:104 Resp: 323422
Ion Ratio Lower Upper
104 100
78 56.2 38.6 57.8
103 56.0 44.4 66.6

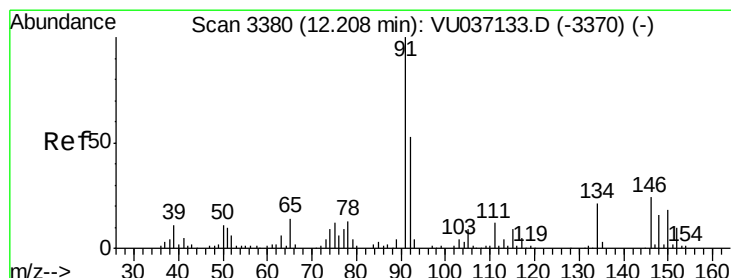
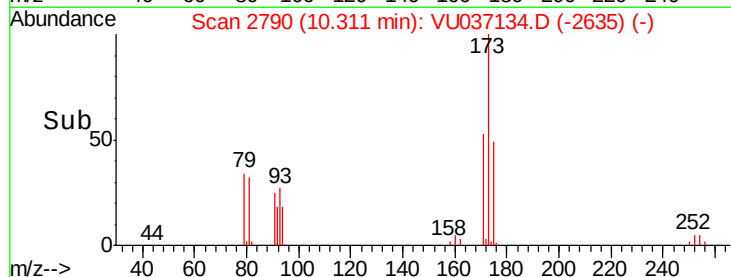
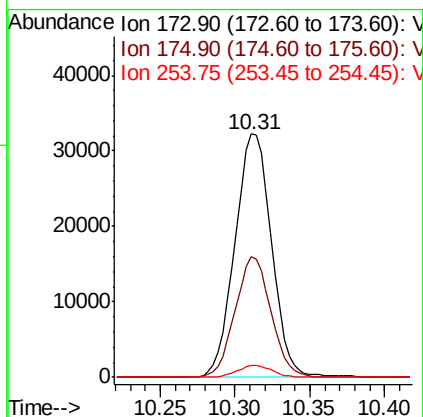
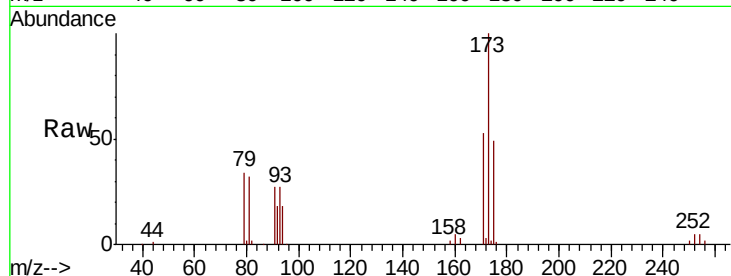




#67
Bromoform
Concen: 23.189 ug/l
RT: 10.31 min Scan# 2790
Delta R.T. -0.00 min
Lab File: VU037134.D
Acq: 09 Mar 2020 14:48

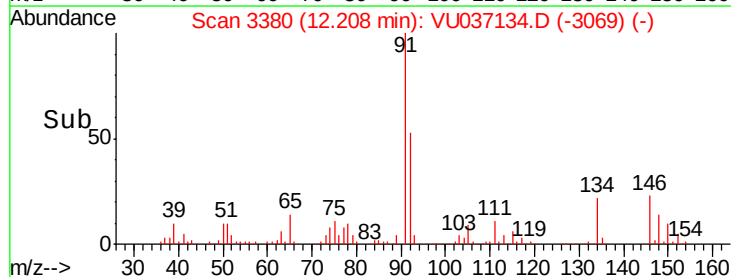
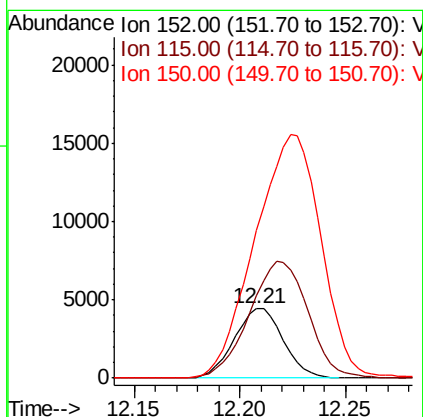
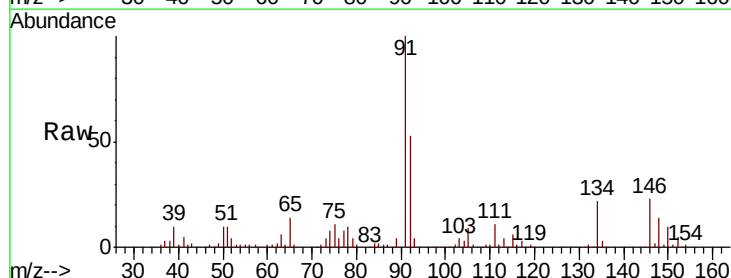
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

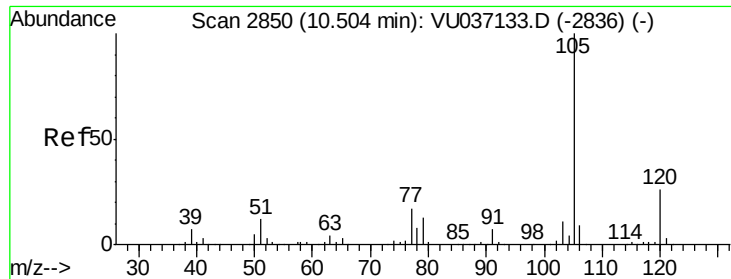
Tot Ion:173 Resp: 55078
Ion Ratio Lower Upper
173 100
175 48.2 38.3 57.5
254 4.5 6.6 9.8#



#68
1,2-Dichlorobenzene-d4
Concen: 1.059 ug/l
RT: 12.21 min Scan# 3380
Delta R.T. -0.00 min
Lab File: VU037134.D
Acq: 09 Mar 2020 14:48

Tgt Ion:152 Resp: 7149
Ion Ratio Lower Upper
152 100
115 201.8 0.0 241.8
150 474.2 0.0 652.4





#69

Isopropylbenzene

Concen: 22.533 ug/l

RT: 10.50 min Scan# 2850

Delta R.T. -0.00 min

Lab File: VU037134.D

Acq: 09 Mar 2020 14:48

Instrument :

MSVOA_U

ClientSampleId :

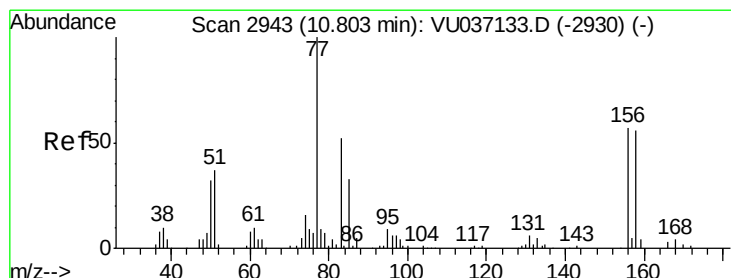
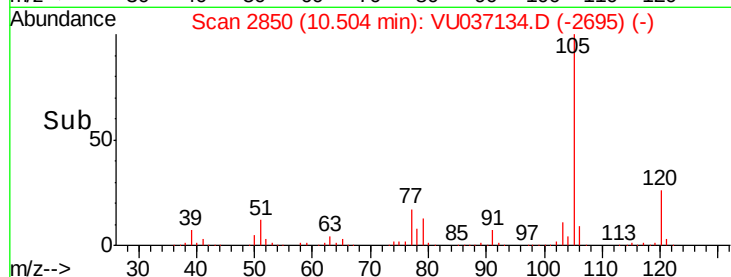
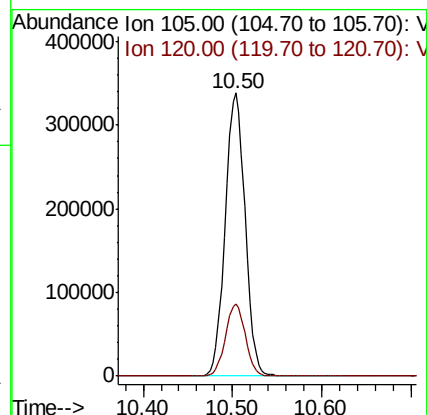
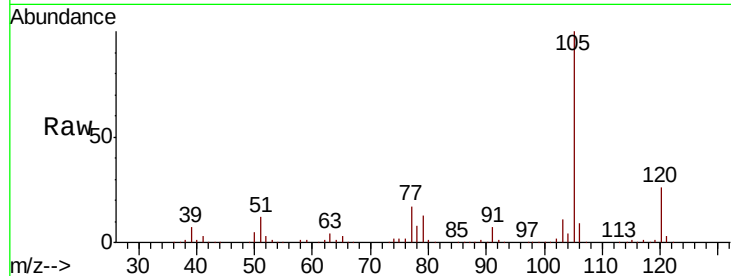
VSTDIC020

Tot Ion:105 Resp: 523202

Ion Ratio Lower Upper

105 100

120 25.5 13.6 40.7



#70

1,1,2,2-Tetrachloroethane

Concen: 22.739 ug/l

RT: 10.80 min Scan# 2943

Delta R.T. -0.00 min

Lab File: VU037134.D

Acq: 09 Mar 2020 14:48

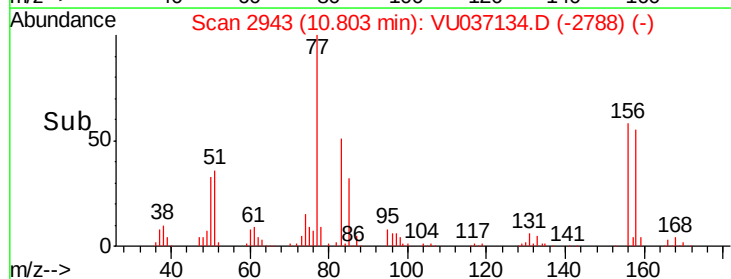
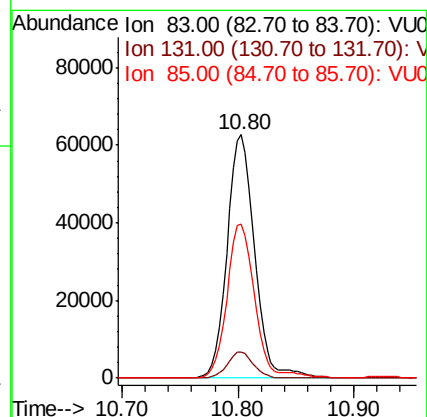
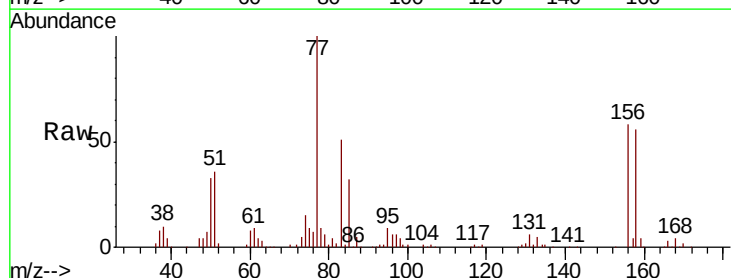
Tgt Ion: 83 Resp: 103367

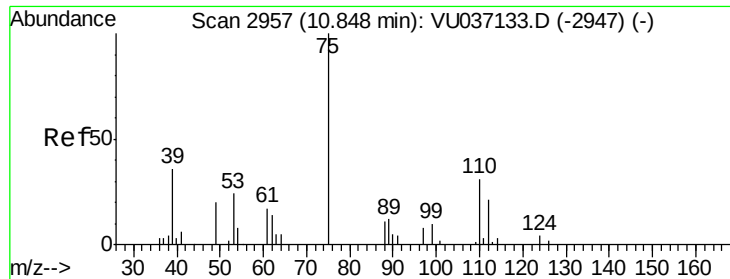
Ion Ratio Lower Upper

83 100

131 10.1 7.8 11.8

85 64.1 53.2 79.8

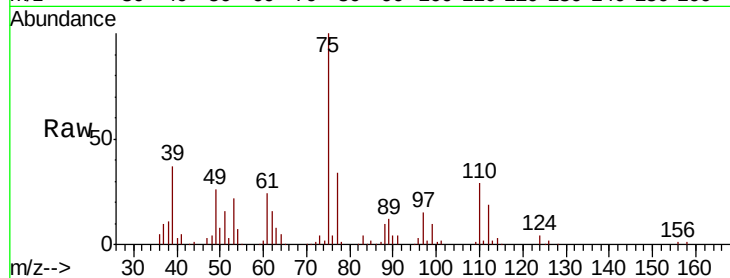




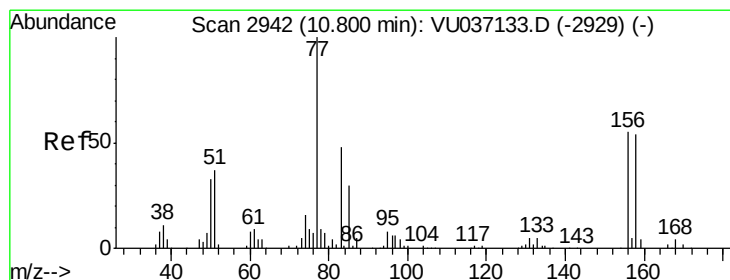
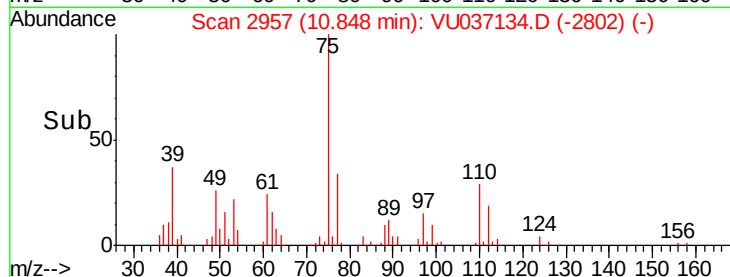
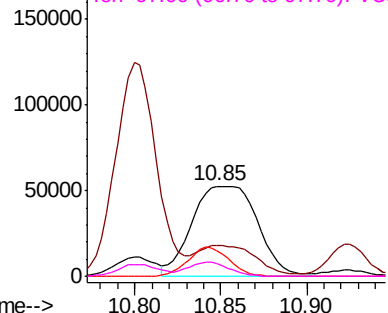
#71
 1,2,3-Trichloropropane
 Concen: 42.984 ug/l
 RT: 10.85 min Scan# 2957
 Delta R.T. -0.00 min
 Lab File: VU037134.D
 Acq: 09 Mar 2020 14:48

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

Tot Ion:	75	Resp:	139419
Ion	Ratio	Lower	Upper
75	100		
77	30.0	0.0	129.6
110	20.1	0.0	77.4
97	10.1	0.0	42.0

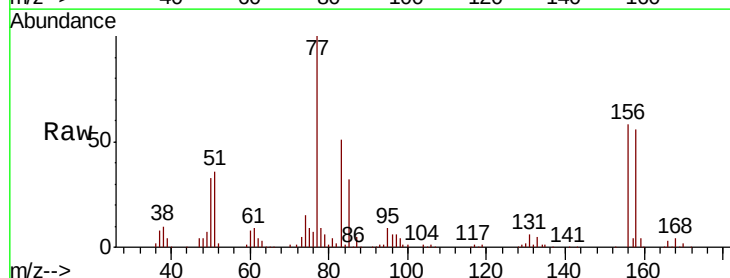


Abundance Ion 75.00 (74.70 to 75.70): VU037133.D (-2947) (-)
 Ion 77.00 (76.70 to 77.70): VU037133.D (-2947) (-)
 Ion 110.00 (109.70 to 110.70): VU037133.D (-2947) (-)
 Ion 97.00 (96.70 to 97.70): VU037133.D (-2947) (-)

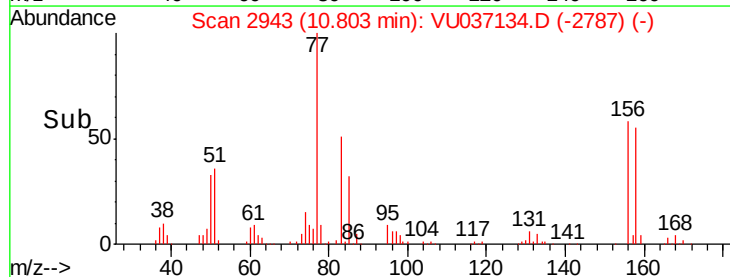
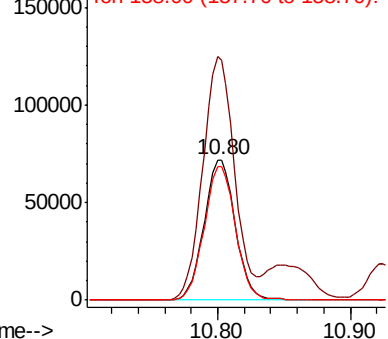


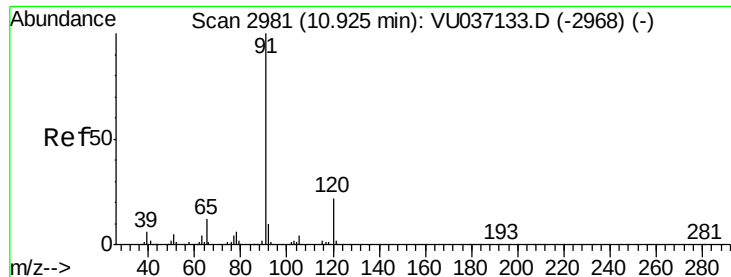
#72
 Bromobenzene
 Concen: 20.993 ug/l
 RT: 10.80 min Scan# 2943
 Delta R.T. 0.00 min
 Lab File: VU037134.D
 Acq: 09 Mar 2020 14:48

Tgt Ion:	156	Resp:	117440
Ion	Ratio	Lower	Upper
156	100		
77	175.5	0.0	306.6
158	95.7	0.0	192.0



Abundance Ion 156.00 (155.70 to 156.70): VU037133.D (-2929) (-)
 Ion 77.00 (76.70 to 77.70): VU037133.D (-2929) (-)
 Ion 158.00 (157.70 to 158.70): VU037133.D (-2929) (-)





#73

n-propylbenzene

Concen: 21.847 ug/l

RT: 10.92 min Scan# 2981

Delta R.T. -0.00 min

Lab File: VU037134.D

Acq: 09 Mar 2020 14:48

Instrument :

MSVOA_U

ClientSampleId :

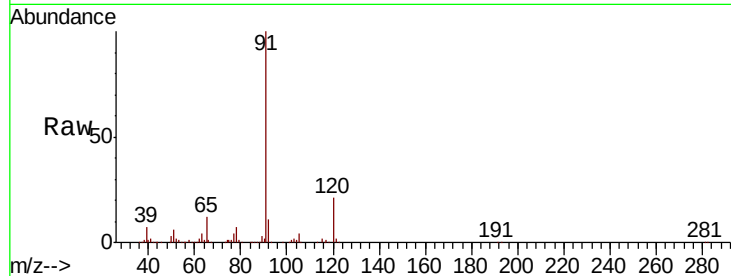
VSTDIC020

Tot Ion:120 Resp: 142335

Ion Ratio Lower Upper

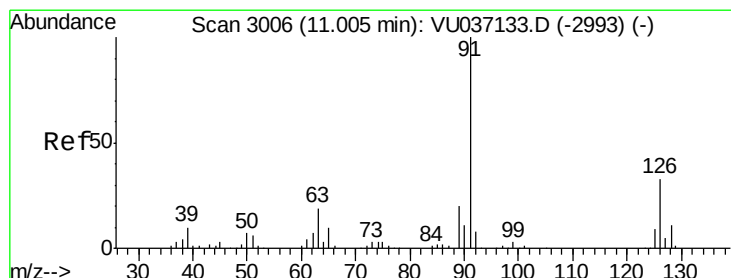
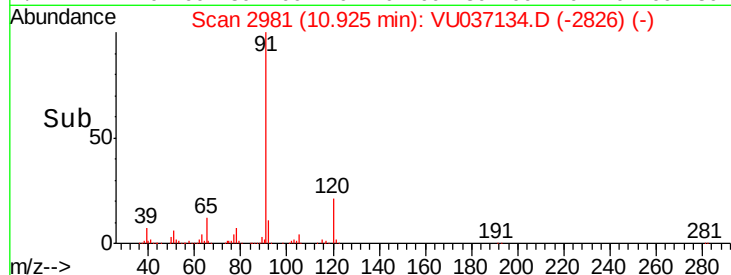
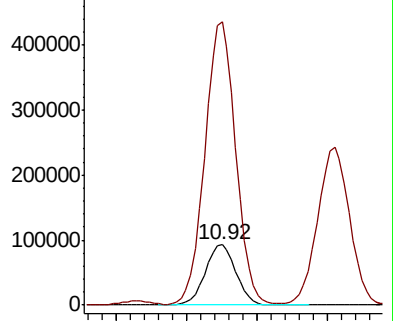
120 100

91 464.7 329.5 494.3



Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0



#74

2-Chlorotoluene

Concen: 22.102 ug/l

RT: 11.01 min Scan# 3006

Delta R.T. -0.00 min

Lab File: VU037134.D

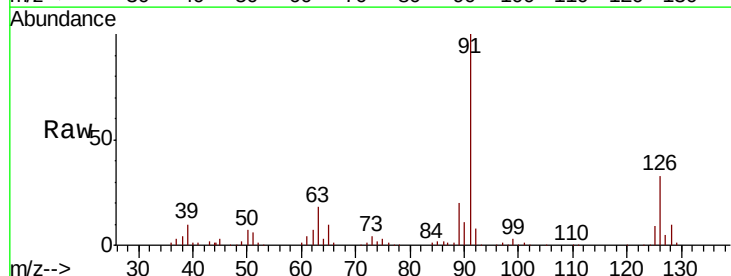
Acq: 09 Mar 2020 14:48

Tgt Ion:126 Resp: 123681

Ion Ratio Lower Upper

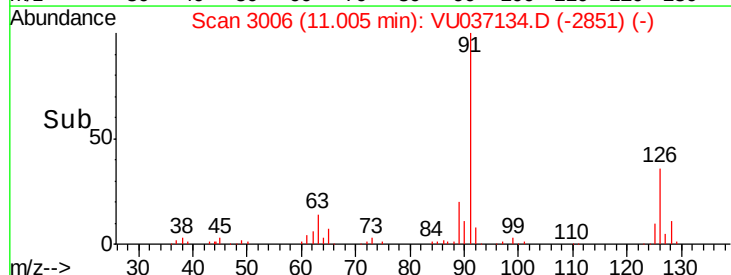
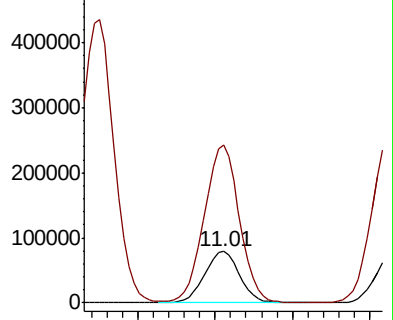
126 100

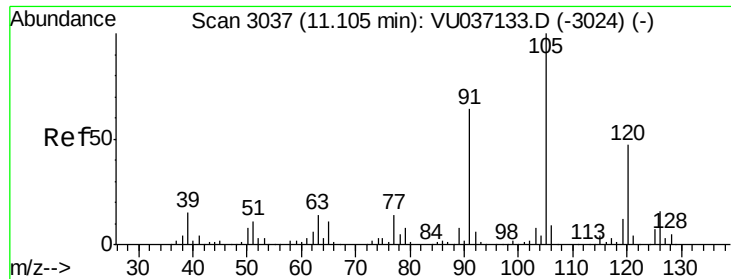
91 307.4 0.0 567.4



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0





#75

1,3,5-Trimethylbenzene

Concen: 23.293 ug/l

RT: 11.11 min Scan# 3037

Delta R.T. -0.00 min

Lab File: VU037134.D

Acq: 09 Mar 2020 14:48

Instrument :

MSVOA_U

ClientSampleId :

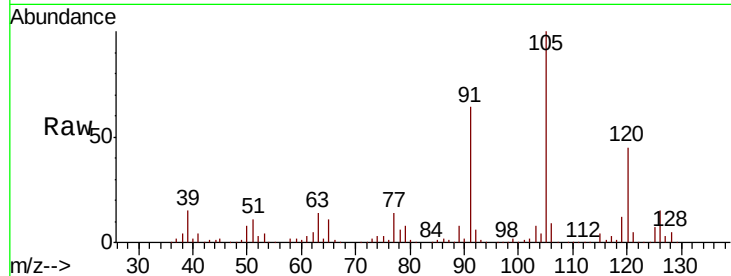
VSTDIC020

Tot Ion:105 Resp: 463863

Ion Ratio Lower Upper

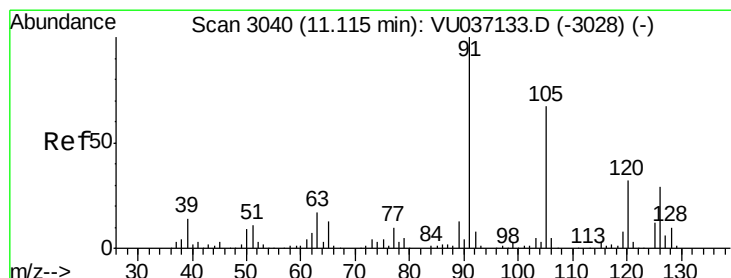
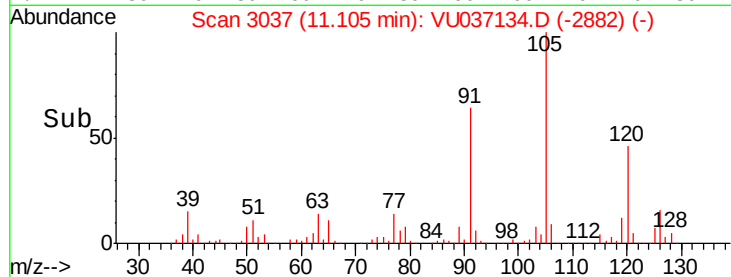
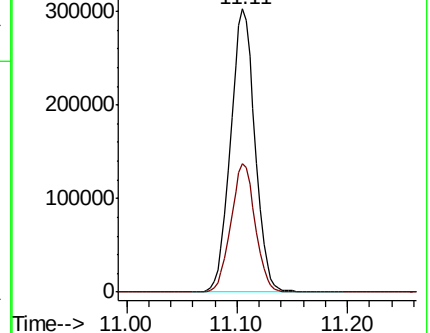
105 100

120 45.3 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: 21.882 ug/l

RT: 11.11 min Scan# 3040

Delta R.T. -0.00 min

Lab File: VU037134.D

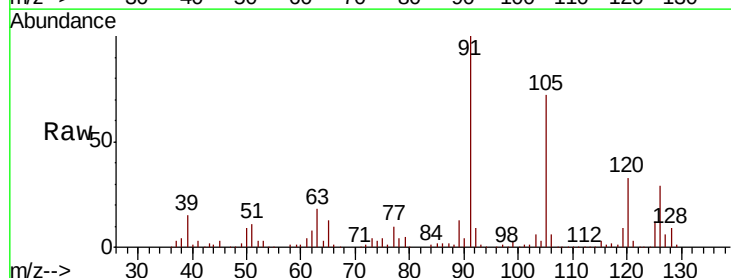
Acq: 09 Mar 2020 14:48

Tgt Ion:126 Resp: 126520

Ion Ratio Lower Upper

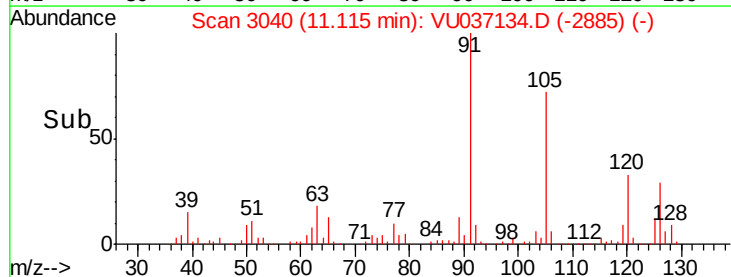
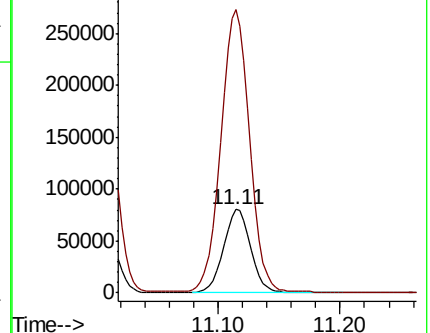
126 100

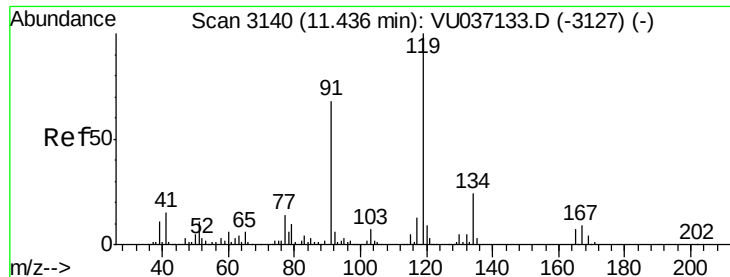
91 358.9 0.0 633.0



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0





#77

tert-Butylbenzene

Concen: 23.073 ug/l

RT: 11.44 min Scan# 3140

Delta R.T. -0.00 min

Lab File: VU037134.D

Acq: 09 Mar 2020 14:48

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

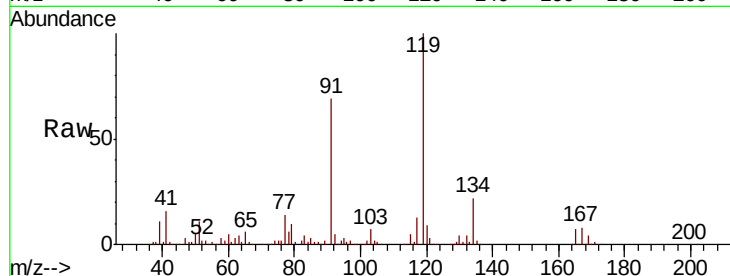
Tot Ion:119 Resp: 435406

Ion Ratio Lower Upper

119 100

91 65.1 29.3 87.8

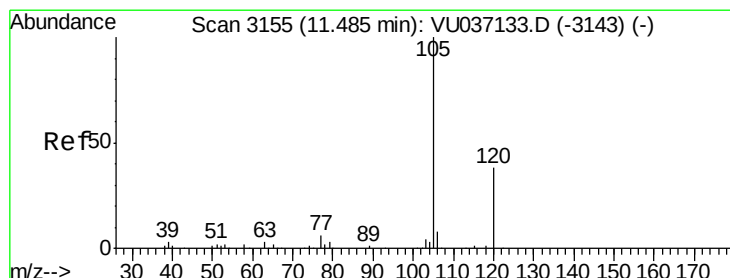
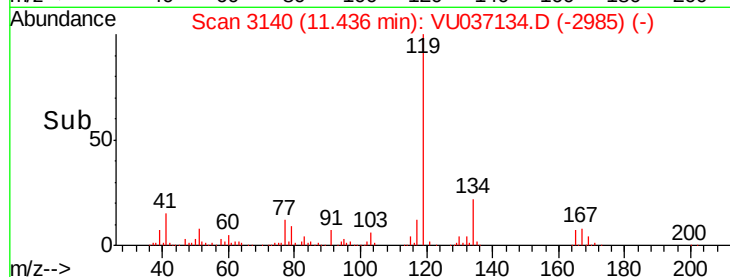
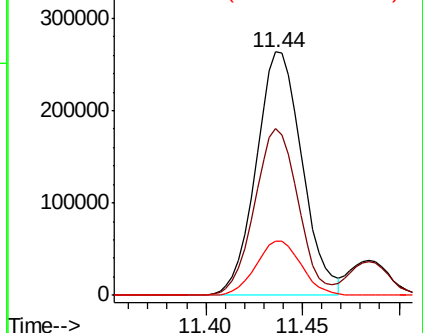
134 22.2 19.0 28.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VU0

Ion 134.00 (133.70 to 134.70): V



#78

1,2,4-Trimethylbenzene

Concen: 23.168 ug/l

RT: 11.48 min Scan# 3155

Delta R.T. -0.00 min

Lab File: VU037134.D

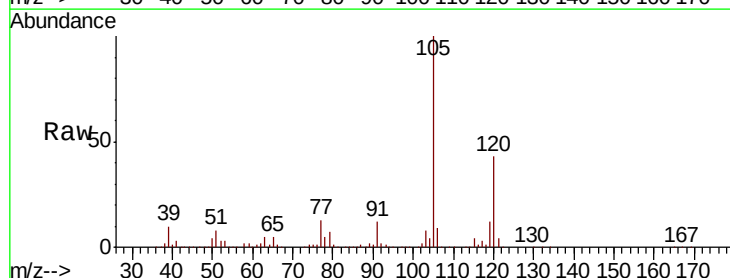
Acq: 09 Mar 2020 14:48

Tgt Ion:105 Resp: 475743

Ion Ratio Lower Upper

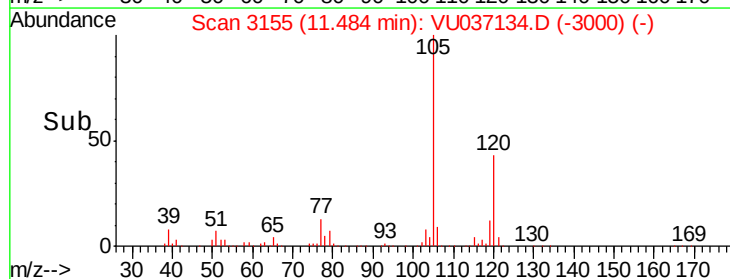
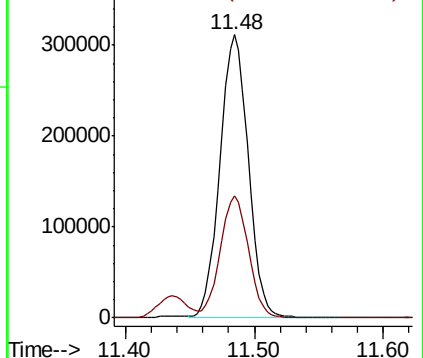
105 100

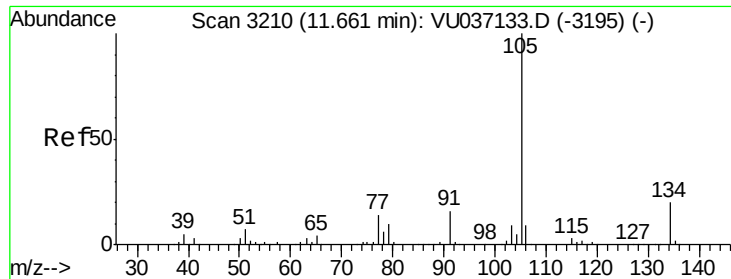
120 43.3 23.3 69.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#79

sec-Butylbenzene

Concen: 22.938 ug/l

RT: 11.66 min Scan# 3210

Delta R.T. -0.00 min

Lab File: VU037134.D

Acq: 09 Mar 2020 14:48

Instrument :

MSVOA_U

ClientSampleId :

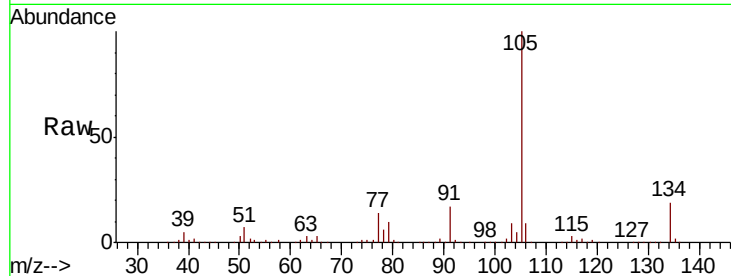
VSTDIC020

Tot Ion:105 Resp: 600517

Ion Ratio Lower Upper

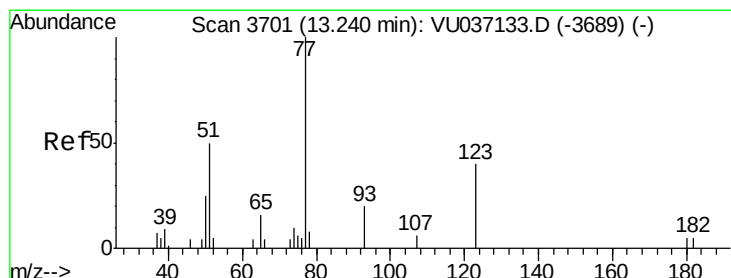
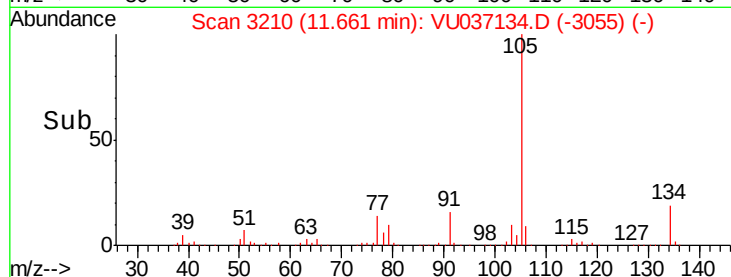
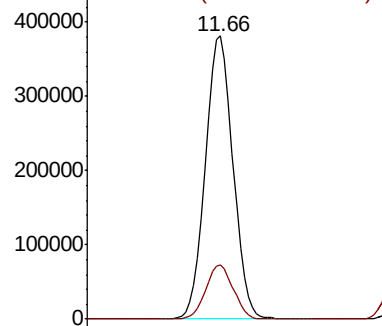
105 100

134 19.1 16.0 24.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#80

Nitrobenzene

Concen: 249.645 ug/l

RT: 13.24 min Scan# 3700

Delta R.T. -0.00 min

Lab File: VU037134.D

Acq: 09 Mar 2020 14:48

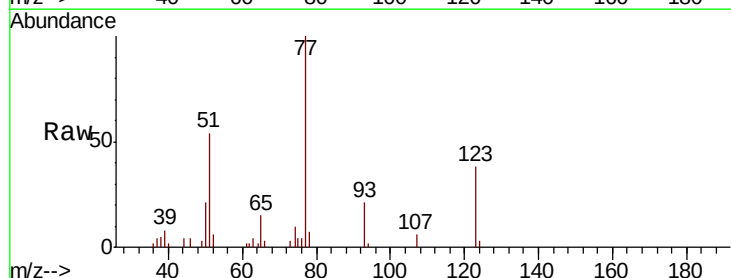
Tgt Ion: 77 Resp: 16285

Ion Ratio Lower Upper

77 100

123 39.8 19.6 69.6

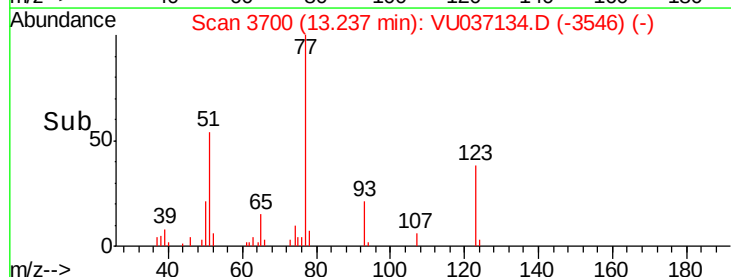
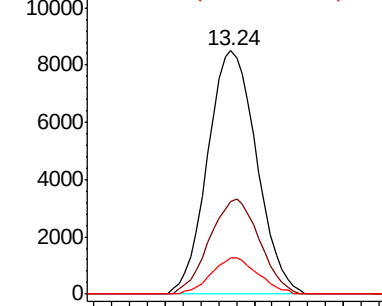
65 14.4 12.7 16.1

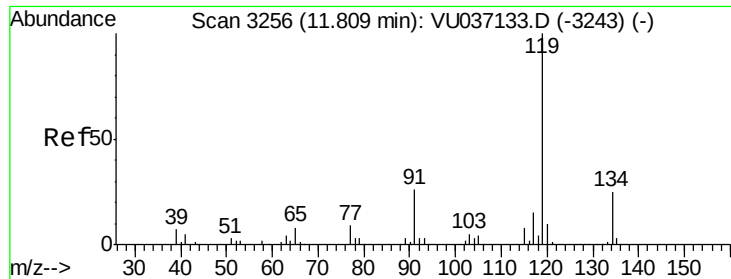


Abundance Ion 77.00 (76.70 to 77.70): VU0

Ion 123.00 (122.70 to 123.70): V

Ion 65.00 (64.70 to 65.70): VU0

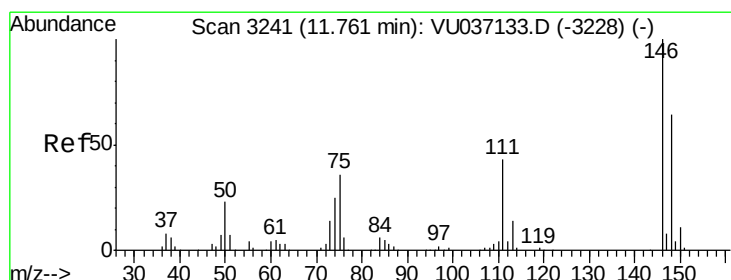
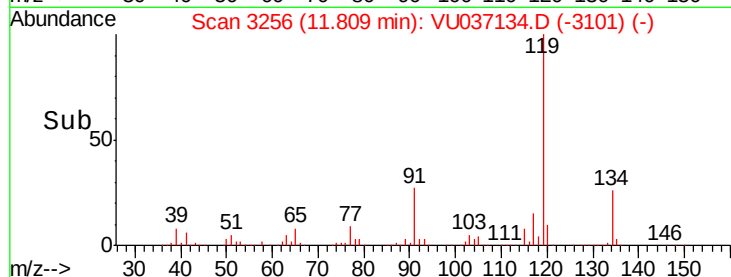
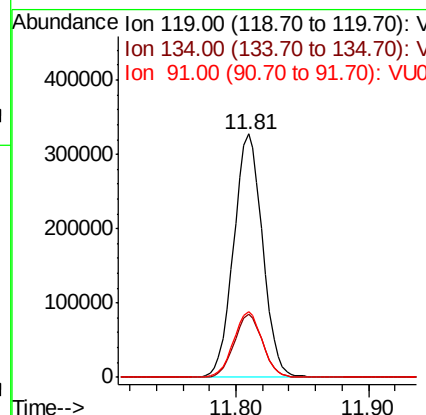
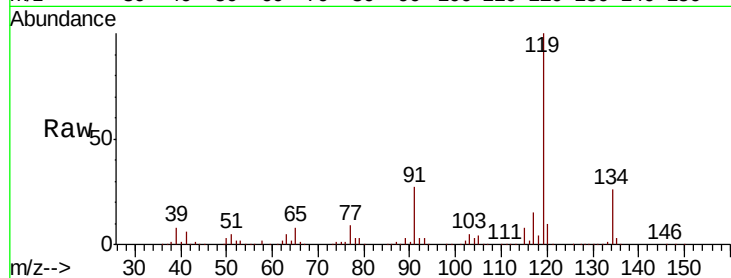




#81
 p-Isopropyltoluene
 Concen: 22.659 ug/l
 RT: 11.81 min Scan# 3256
 Delta R.T. -0.00 min
 Lab File: VU037134.D
 Acq: 09 Mar 2020 14:48

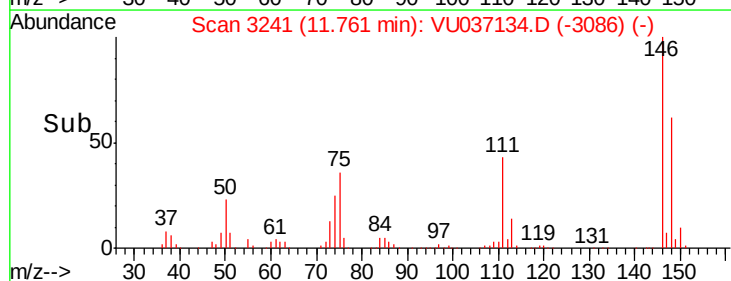
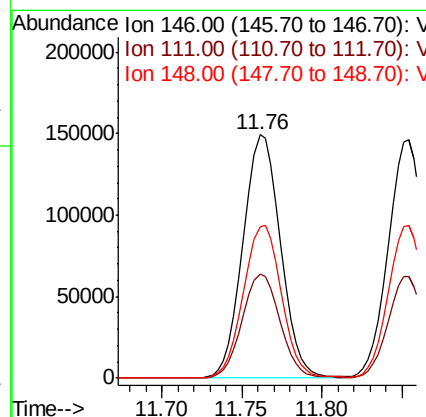
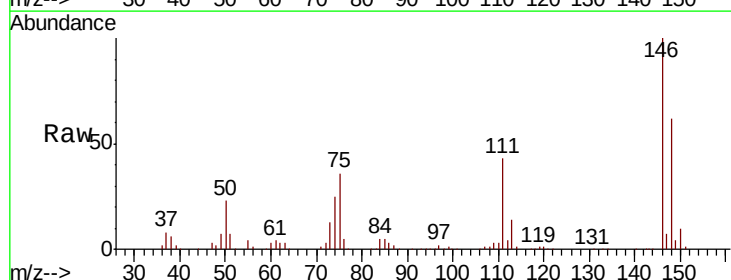
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

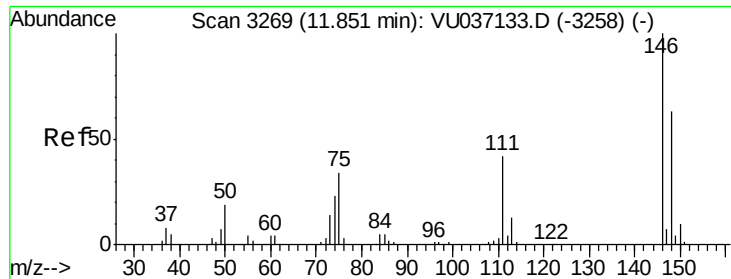
Tot Ion	Ratio	Lower	Upper
119	100		
134	25.5	21.4	32.0
91	26.9	18.3	27.5



#82
 1,3-Dichlorobenzene
 Concen: 21.385 ug/l
 RT: 11.76 min Scan# 3241
 Delta R.T. -0.00 min
 Lab File: VU037134.D
 Acq: 09 Mar 2020 14:48

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.1	32.2	48.2
148	63.5	51.4	77.2

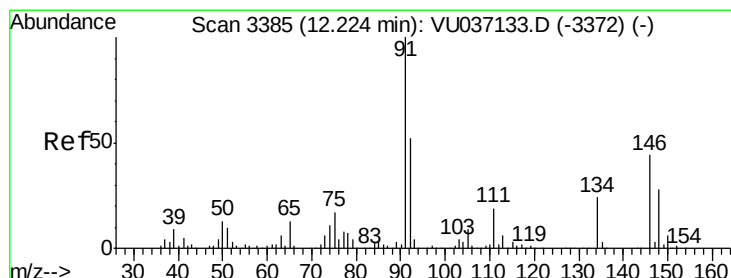
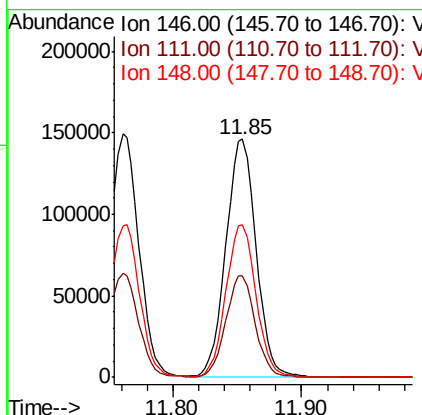
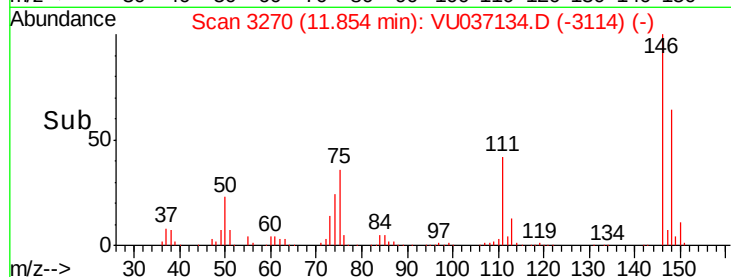
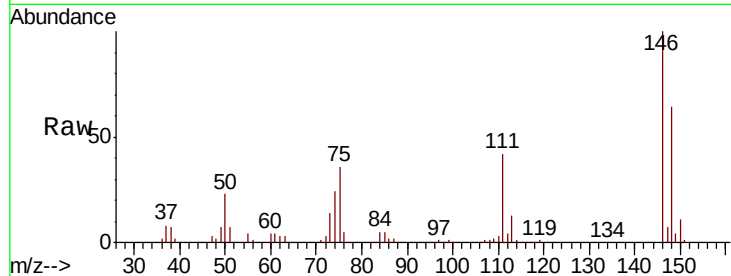




#83
 1,4-Dichlorobenzene
 Concen: 21.338 ug/l
 RT: 11.85 min Scan# 3270
 Delta R.T. 0.00 min
 Lab File: VU037134.D
 Acq: 09 Mar 2020 14:48

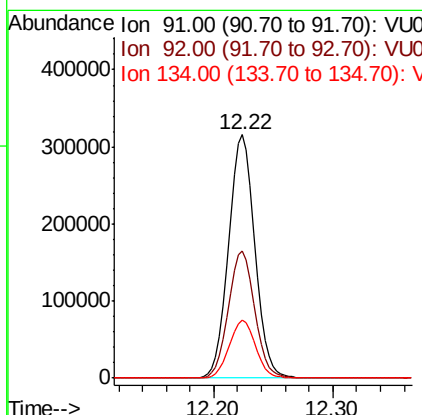
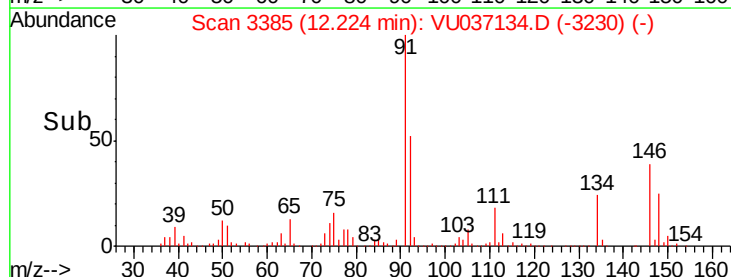
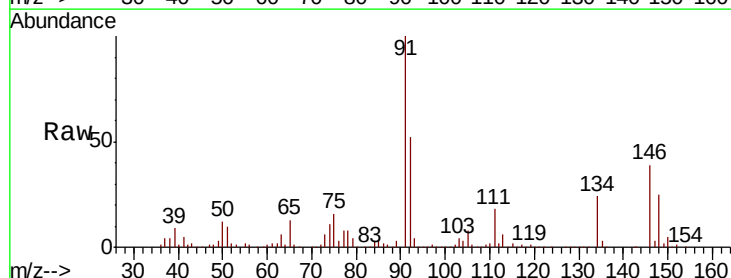
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

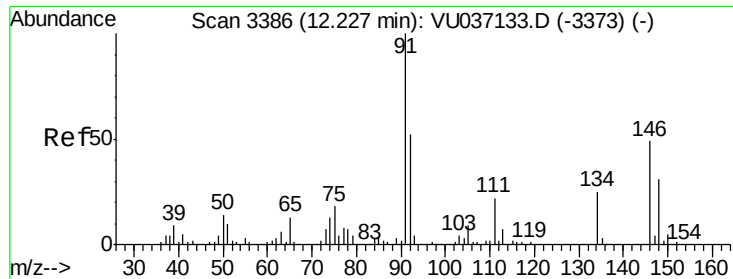
Tot Ion:146 Resp: 238699
 Ion Ratio Lower Upper
 146 100
 111 41.5 30.5 45.7
 148 63.8 51.0 76.4



#84
 n-Butylbenzene
 Concen: 23.857 ug/l
 RT: 12.22 min Scan# 3385
 Delta R.T. -0.00 min
 Lab File: VU037134.D
 Acq: 09 Mar 2020 14:48

Tgt Ion: 91 Resp: 482800
 Ion Ratio Lower Upper
 91 100
 92 52.2 42.9 64.3
 134 23.9 21.4 32.0

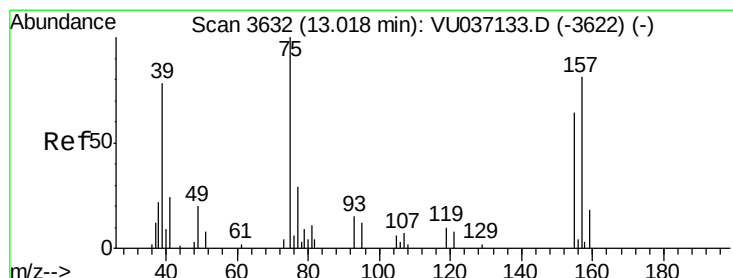
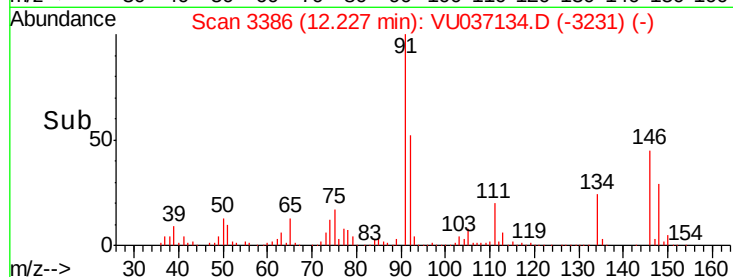
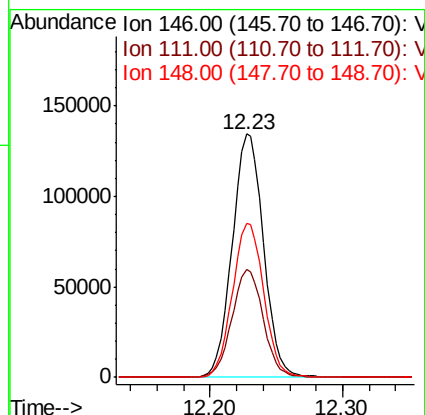
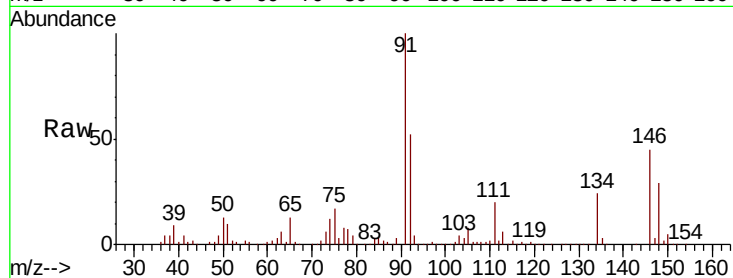




#85
 1,2-Dichlorobenzene
 Concen: 20.546 ug/l
 RT: 12.23 min Scan# 3386
 Delta R.T. -0.00 min
 Lab File: VU037134.D
 Acq: 09 Mar 2020 14:48

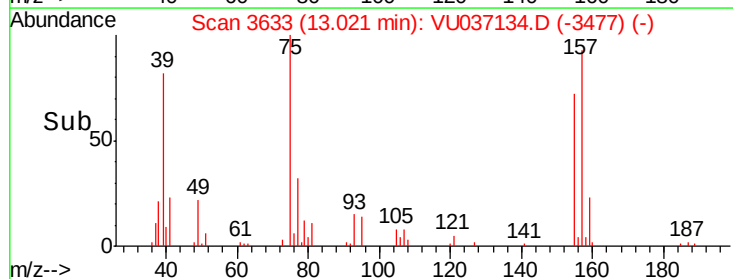
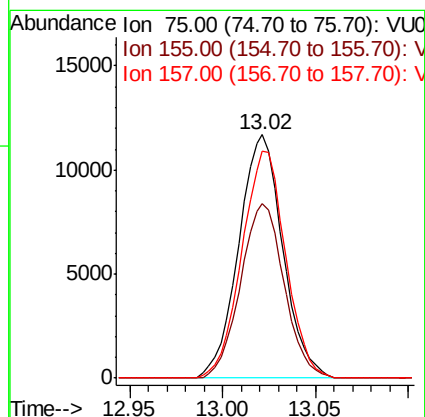
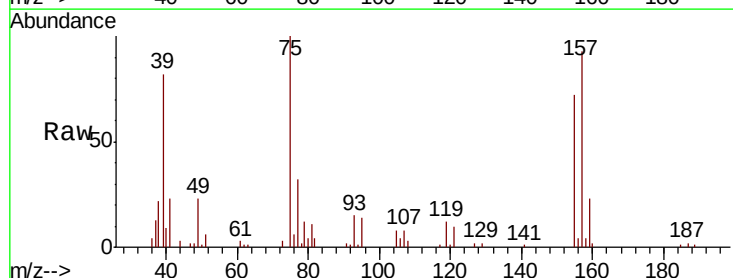
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

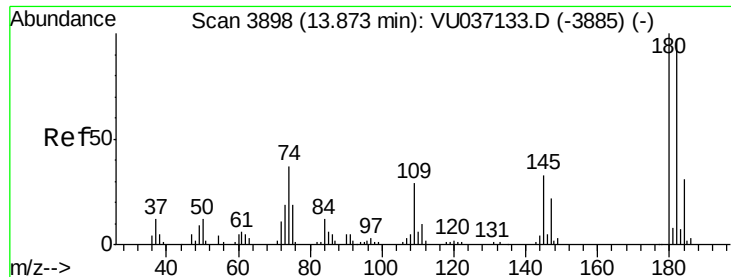
Tot Ion:146 Resp: 220053
 Ion Ratio Lower Upper
 146 100
 111 44.3 20.8 62.4
 148 63.5 32.0 96.2



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 25.133 ug/l
 RT: 13.02 min Scan# 3633
 Delta R.T. 0.00 min
 Lab File: VU037134.D
 Acq: 09 Mar 2020 14:48

Tgt Ion: 75 Resp: 19339
 Ion Ratio Lower Upper
 75 100
 155 70.9 71.8 107.8#
 157 92.8 92.4 138.6

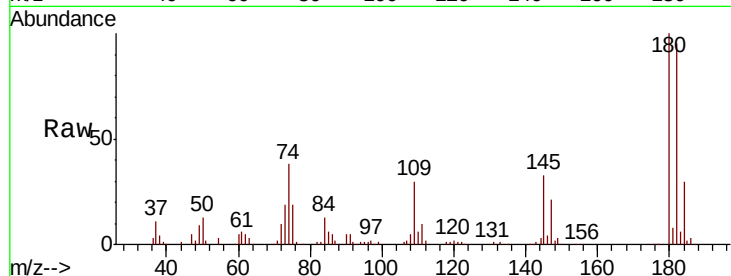




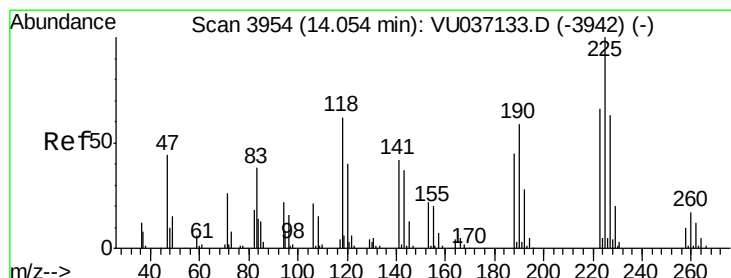
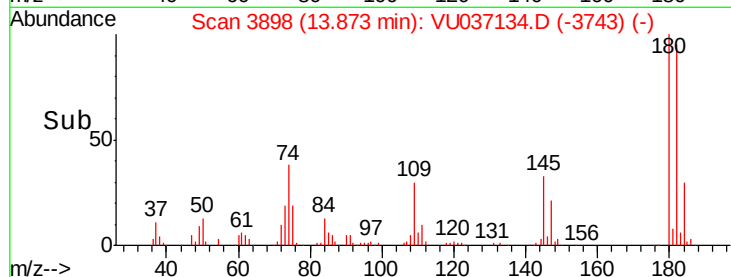
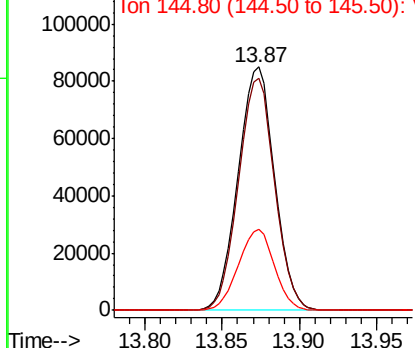
#87
 1,2,4-Trichlorobenzene
 Concen: 20.342 ug/l
 RT: 13.87 min Scan# 3898
 Delta R.T. -0.00 min
 Lab File: VU037134.D
 Acq: 09 Mar 2020 14:48

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.5	75.9	113.9
145	32.9	23.4	35.2

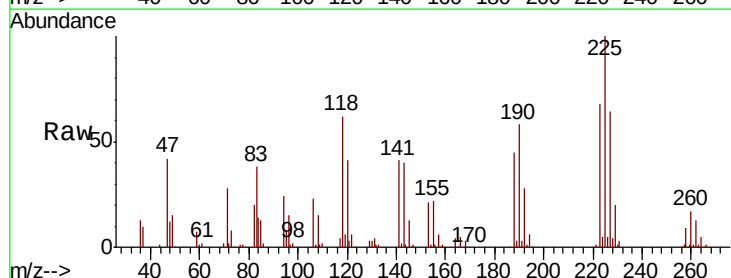


Abundance Ion 179.70 (179.40 to 180.40): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

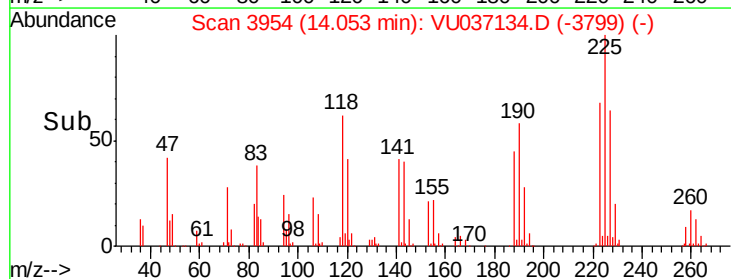
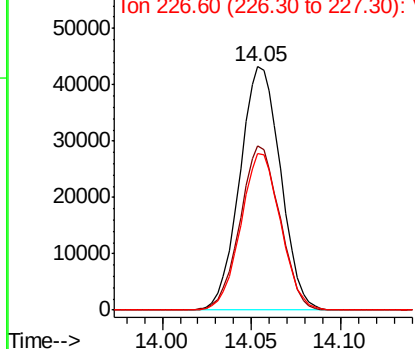


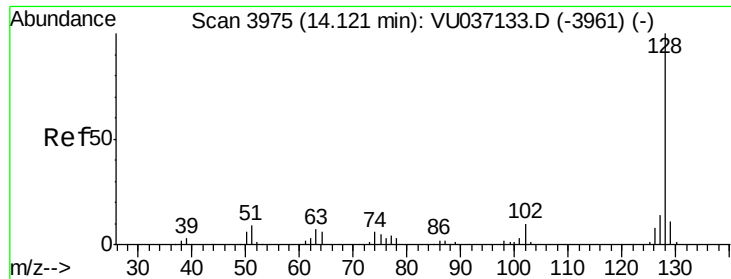
#88
 Hexachlorobutadiene
 Concen: 18.387 ug/l
 RT: 14.05 min Scan# 3954
 Delta R.T. -0.00 min
 Lab File: VU037134.D
 Acq: 09 Mar 2020 14:48

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.9	51.7	77.5
227	62.9	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: 22.497 ug/l

RT: 14.12 min Scan# 3975

Delta R.T. -0.00 min

Lab File: VU037134.D

Acq: 09 Mar 2020 14:48

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

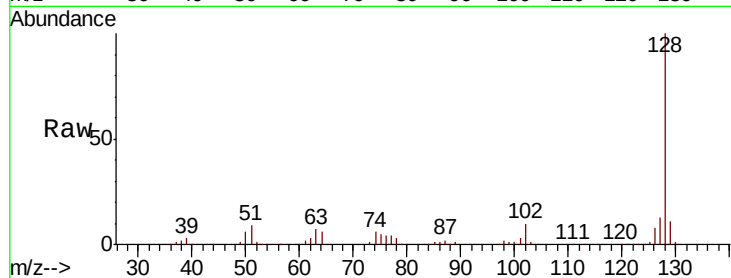
Tot Ion:128 Resp: 265538

Ion Ratio Lower Upper

128 100

127 13.0 10.5 15.7

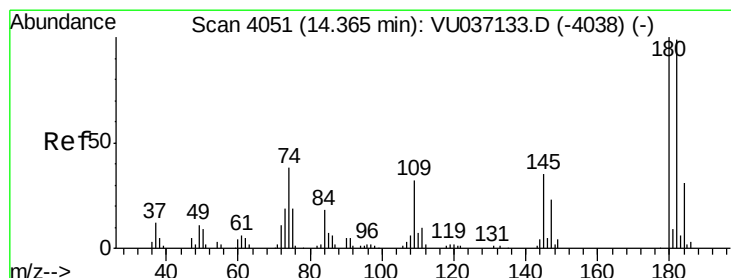
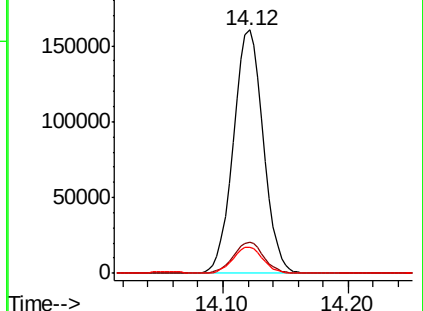
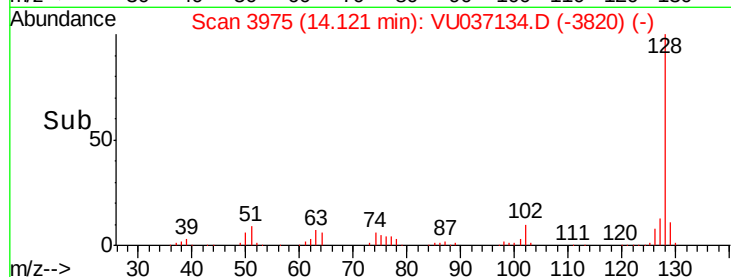
129 10.9 8.7 13.1



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: 19.561 ug/l

RT: 14.37 min Scan# 4051

Delta R.T. -0.00 min

Lab File: VU037134.D

Acq: 09 Mar 2020 14:48

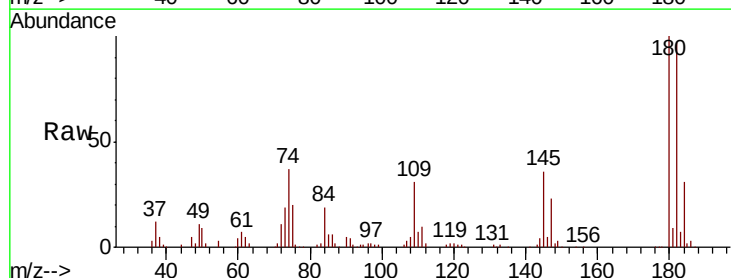
Tgt Ion:180 Resp: 126034

Ion Ratio Lower Upper

180 100

182 96.6 76.2 114.4

145 34.3 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

