

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030920\
 Data File : VU037141.D
 Acq On : 09 Mar 2020 19:25
 Operator : JC/MD
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Quant Time: Mar 09 20:05:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U030920DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Mon Mar 09 18:12:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	6.15	96	16293	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.65	95	7024	1.11	ug/l	0.00
Spiked Amount	1.000		Recovery	=	111.00%	
68) 1,2-Dichlorobenzene-d4	12.21	152	6873	1.07	ug/l	0.00
Spiked Amount	1.000		Recovery	=	107.00%	

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	83097	10.447	ug/l 98
3) Chloromethane	1.54	50	82639	10.451	ug/l 98
4) Vinyl Chloride	1.62	62	72382	10.414	ug/l 99
5) Bromomethane	1.87	94	26285	10.843	ug/l 100
6) Chloroethane	1.95	64	33227	9.978	ug/l 99
7) Trichlorofluoromethane	2.16	101	88072	10.427	ug/l 96
8) 1,1,2-Trichloro-1,2,2-trif	2.60	101	41298	10.422	ug/l 95
9) 1,1-Dichloroethene	2.60	96	38282	10.160	ug/l 78
10) Iodomethane	2.75	142	22292	13.616	ug/l # 73
11) Allyl Chloride	2.95	41	74261	10.166	ug/l # 63
12) Acrylonitrile	3.35	53	18173	20.392	ug/l # 89
13) Acetone	2.66	43	47723	48.178	ug/l # 78
14) Carbon Disulfide	2.82	76	126843	10.108	ug/l 98
15) Methylene Chloride	3.07	84	48887	10.335	ug/l # 77
16) trans-1,2-Dichloroethene	3.38	96	41289	10.318	ug/l 87
17) 1,1-Dichloroethane	3.91	63	94476	10.185	ug/l 97
18) 2-Butanone	4.76	43	76881	50.779	ug/l 96
19) Cyclohexane	5.42	56	77210	9.773	ug/l 97
20) Methylcyclohexane	6.79	83	83492	10.700	ug/l 89
21) 2,2-Dichloropropane	4.71	77	81838	9.669	ug/l 95
22) cis-1,2-Dichloroethene	4.71	96	53457	10.786	ug/l 85
23) Diethyl Ether	2.40	59	32392	10.149	ug/l # 88
24) tert-Butyl Alcohol	3.24	59	37534	107.559	ug/l 98
25) Methyl tert-Butyl Ether	3.41	73	115369	10.450	ug/l # 72
26) Bromochloromethane	5.02	128	23043	10.564	ug/l 81
27) Chloroform	5.13	83	101120	10.123	ug/l 99
28) 1,1,1-Trichloroethane	5.35	97	88790	10.427	ug/l 97
29) 1,1-Dichloropropene	5.56	75	72492	10.476	ug/l 98
30) Carbon Tetrachloride	5.56	117	79262	10.636	ug/l 98
31) Isopropyl Ether	4.05	45	154668	10.445	ug/l 85
32) Ethyl-t-butyl ether	4.56	59	146988	10.514	ug/l 95
33) Tert-Amyl methyl ether	5.98	73	129299	10.777	ug/l 99
34) Propionitrile	4.83	54	21727	54.560	ug/l # 93
35) Benzene	5.81	78	204716	10.413	ug/l 100
36) 1,2-Dichloroethane	5.83	62	73439	10.305	ug/l # 93
37) Trichloroethene	6.57	130	51915	10.065	ug/l 93
38) 1,2-Dichloropropane	6.83	63	56027	10.383	ug/l 99
39) Methacrylonitrile	5.02	41	20171	10.498	ug/l # 84
40) Methyl acrylate	4.89	55	29164	10.977	ug/l # 95
41) Tetrahydrofuran	5.11	42	19948	20.810	ug/l # 85
42) 1-Chlorobutane	5.49	56	106639	10.699	ug/l 84

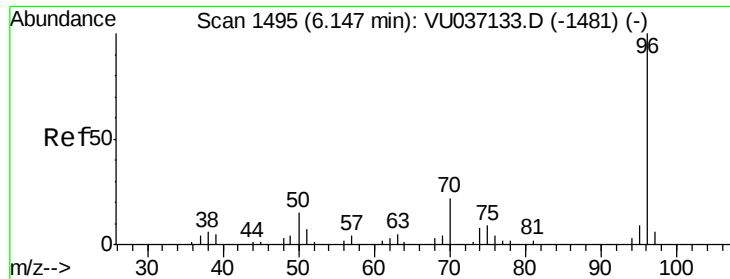
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030920\
 Data File : VU037141.D
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Quant Time: Mar 09 20:05:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U030920DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Mon Mar 09 18:12:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.95	93	29676	10.730	ug/l	90
44) Bromodichloromethane	7.14	83	76745	10.658	ug/l	99
45) 4-Methyl-2-Pentanone	7.83	43	195625	52.746	ug/l #	87
46) t-1,4-Dichloro-2-butene	10.85	75	67876	66.864	ug/l #	67
47) Methyl methacrylate	7.00	69	52703	23.056	ug/l #	67
48) Ethyl methacrylate	8.36	69	49976	11.066	ug/l	72
49) Toluene	8.00	92	131198	11.052	ug/l	99
50) t-1,3-Dichloropropene	8.24	75	70128	10.811	ug/l	98
51) cis-1,3-Dichloropropene	7.64	75	77615	10.477	ug/l #	79
52) 1,1,2-Trichloroethane	8.43	97	39192	10.622	ug/l	98
53) 1,3-Dichloropropane	8.60	76	68741	10.503	ug/l	99
54) 2-Hexanone	8.71	43	140309	54.915	ug/l	86
55) Dibromochloromethane	8.83	129	49128	10.756	ug/l	98
56) 1,2-Dibromoethane	8.95	107	38833	11.113	ug/l	96
58) Tetrachloroethene	8.58	164	51110	10.557	ug/l	95
59) Chlorobenzene	9.47	112	138152	10.427	ug/l	97
60) 1,1,1,2-Tetrachloroethane	9.56	131	50203	10.351	ug/l	95
61) Pentachloroethane	11.45	117	39294	10.620	ug/l	91
62) Hexachloroethane	12.49	117	43431	10.965	ug/l	82
63) Ethyl Benzene	9.59	91	251793	11.133	ug/l	96
64) m/p-Xylenes	9.72	106	193714	22.625	ug/l	90
65) o-Xylene	10.12	106	92453	11.191	ug/l	91
66) Styrene	10.13	104	158245	11.703	ug/l	95
67) Bromoform	10.31	173	27022	11.209	ug/l #	98
69) Isopropylbenzene	10.50	105	250660	11.131	ug/l	96
70) 1,1,2,2-Tetrachloroethane	10.80	83	51585	10.629	ug/l	98
71) 1,2,3-Trichloropropane	10.85	75	67876	17.107	ug/l	65
72) Bromobenzene	10.80	156	56960	10.453	ug/l	88
73) n-propylbenzene	10.92	120	68660	11.502	ug/l	79
74) 2-Chlorotoluene	11.01	126	60326	11.165	ug/l	86
75) 1,3,5-Trimethylbenzene	11.10	105	226380	11.611	ug/l	93
76) 4-Chlorotoluene	11.11	126	61920	11.384	ug/l	77
77) tert-Butylbenzene	11.44	119	210415	11.071	ug/l	93
78) 1,2,4-Trimethylbenzene	11.48	105	234651	11.923	ug/l	94
79) sec-Butylbenzene	11.66	105	292582	11.314	ug/l	98
80) Nitrobenzene	13.24	77	5849	55.059	ug/l	94
81) p-Isopropyltoluene	11.81	119	238421	11.697	ug/l	95
82) 1,3-Dichlorobenzene	11.76	146	116891	10.827	ug/l	98
83) 1,4-Dichlorobenzene	11.85	146	118122	10.799	ug/l	98
84) n-Butylbenzene	12.22	91	230362	11.931	ug/l	96
85) 1,2-Dichlorobenzene	12.23	146	110753	10.602	ug/l	97
86) 1,2-Dibromo-3-Chloropropan	13.02	75	9377	10.948	ug/l #	77
87) 1,2,4-Trichlorobenzene	13.87	180	64146	12.216	ug/l	97
88) Hexachlorobutadiene	14.05	225	33641	10.353	ug/l	96
89) Naphthalene	14.12	128	114300	12.819	ug/l	99
90) 1,2,3-Trichlorobenzene	14.37	180	61564	12.047	ug/l	97

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



#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 6.15 min Scan# 1495

Delta R.T. -0.00 min

Lab File: VU037141.D

Acq: 09 Mar 2020 19:25

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tot Ion: 96 Resp: 16293

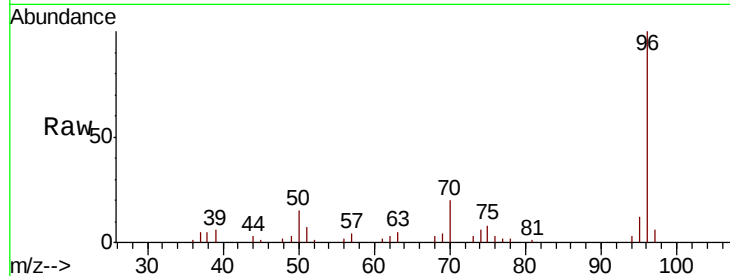
Ion Ratio Lower Upper

96 100

70 20.9 15.6 23.4

95 10.2 7.0 10.6

97 0.0 0.0 0.0

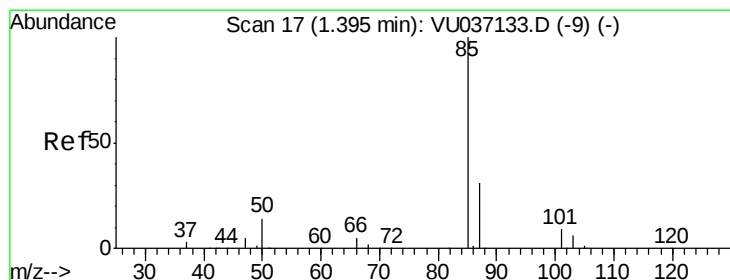
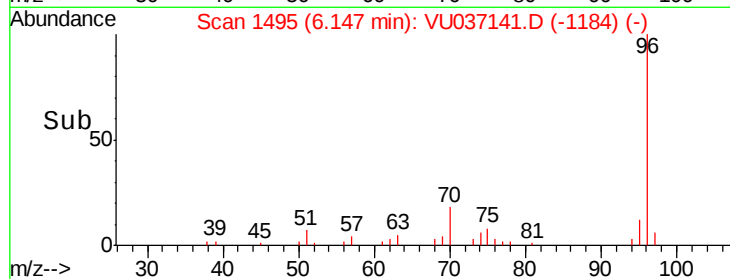
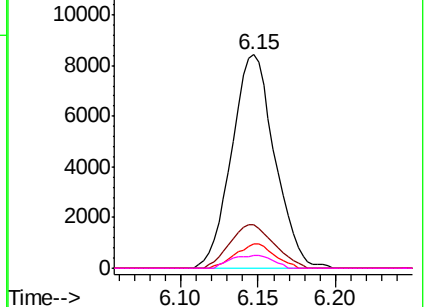


Abundance Ion 96.00 (95.70 to 96.70): VU0

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: 10.447 ug/l

RT: 1.39 min Scan# 17

Delta R.T. -0.00 min

Lab File: VU037141.D

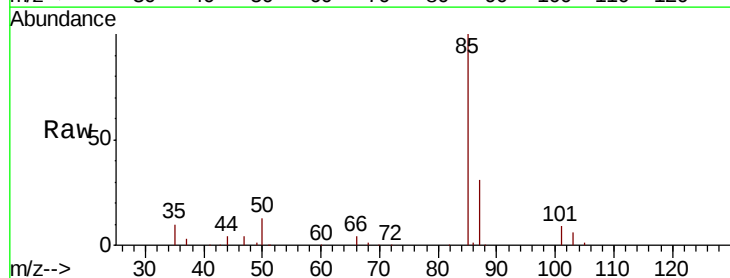
Acq: 09 Mar 2020 19:25

Tgt Ion: 85 Resp: 83097

Ion Ratio Lower Upper

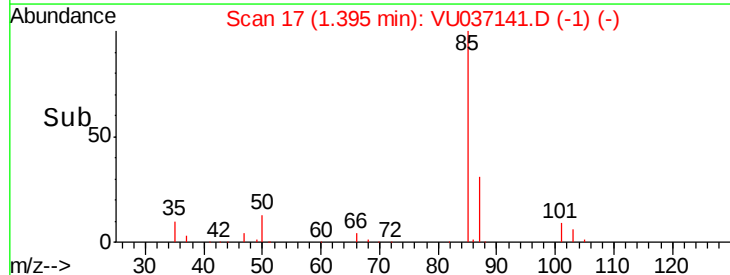
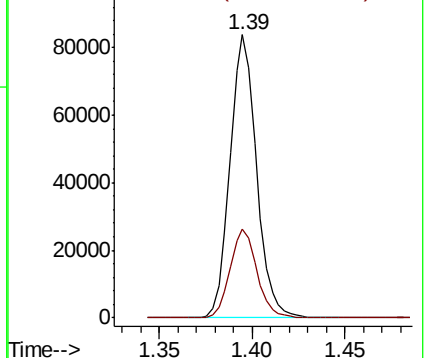
85 100

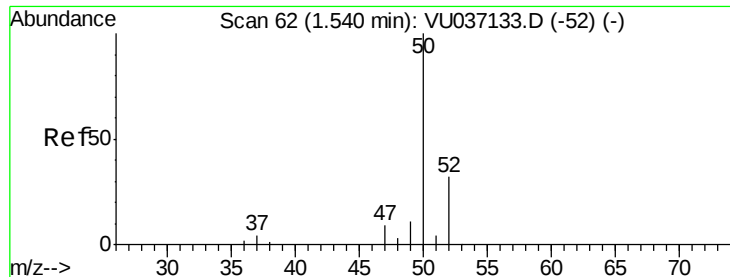
87 31.4 16.4 49.2



Abundance Ion 85.00 (84.70 to 85.70): VU0

Ion 87.00 (86.70 to 87.70): VU0





#3

Chloromethane

Concen: 10.451 ug/l

RT: 1.54 min Scan# 62

Delta R.T. -0.00 min

Lab File: VU037141.D

Acq: 09 Mar 2020 19:25

Instrument :

MSVOA_U

ClientSampleId :

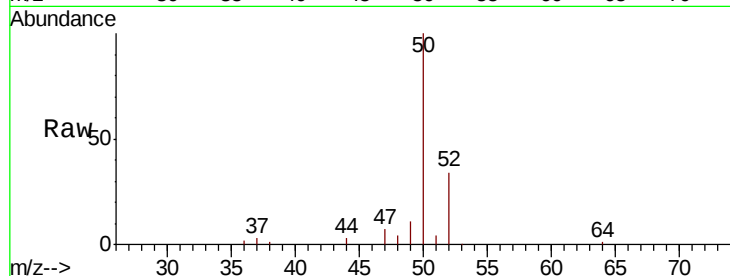
VSTDCCC010EC

Tot Ion: 50 Resp: 82639

Ion Ratio Lower Upper

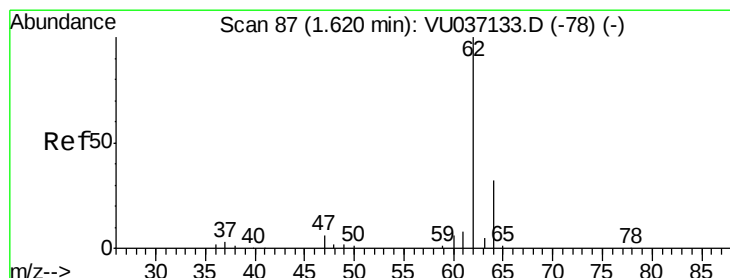
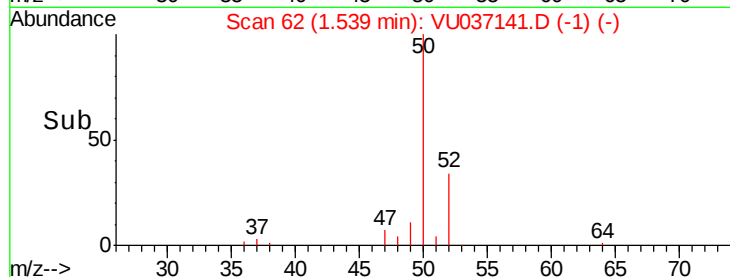
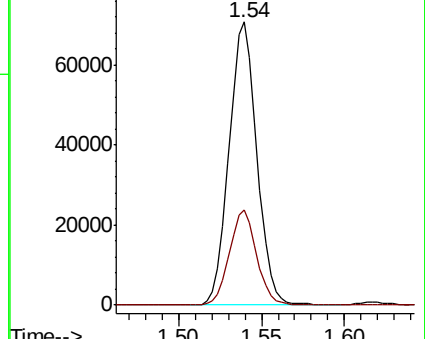
50 100

52 33.6 26.0 39.0



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

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



#4

Vinyl Chloride

Concen: 10.414 ug/l

RT: 1.62 min Scan# 86

Delta R.T. -0.00 min

Lab File: VU037141.D

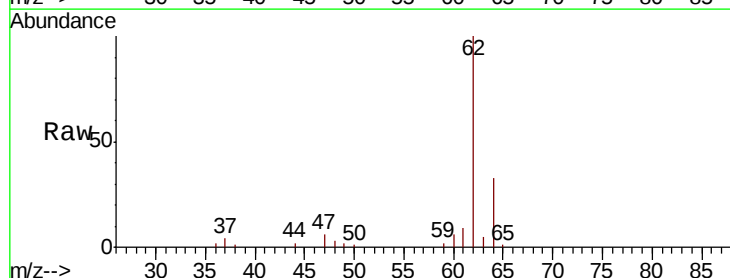
Acq: 09 Mar 2020 19:25

Tgt Ion: 62 Resp: 72382

Ion Ratio Lower Upper

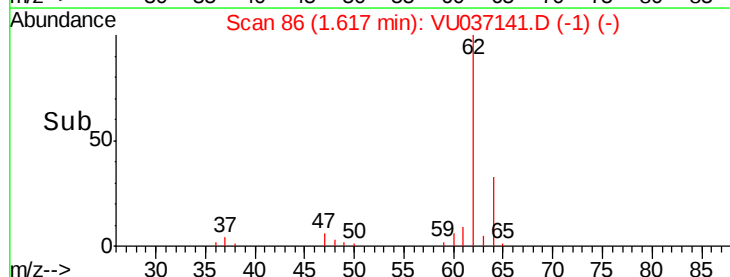
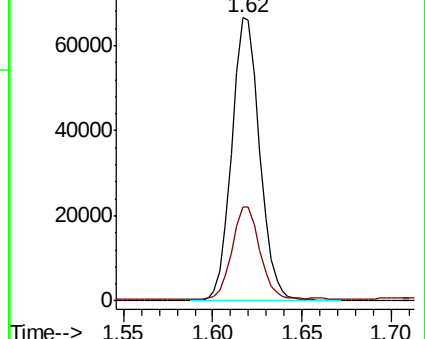
62 100

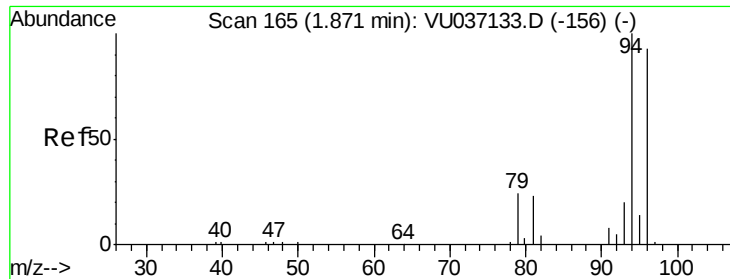
64 32.5 25.4 38.2



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

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

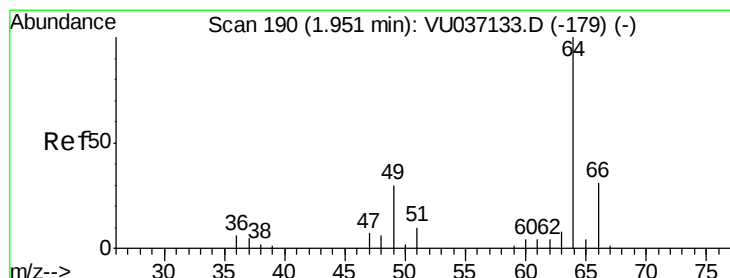
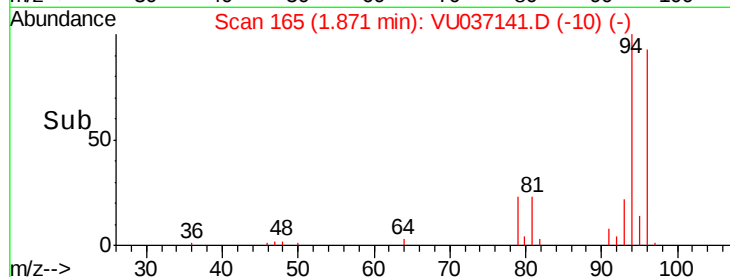
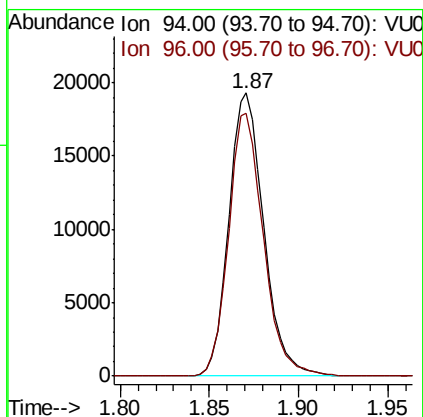
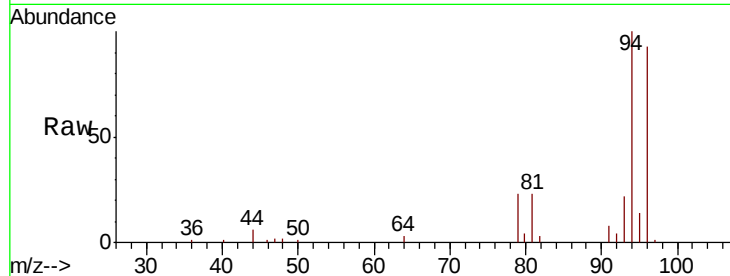




#5
Bromomethane
Concen: 10.843 ug/l
RT: 1.87 min Scan# 165
Delta R.T. -0.00 min
Lab File: VU037141.D
Acq: 09 Mar 2020 19:25

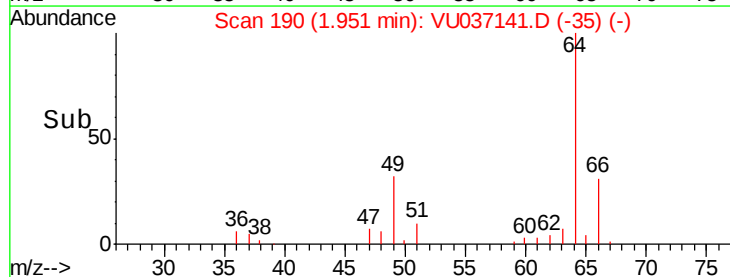
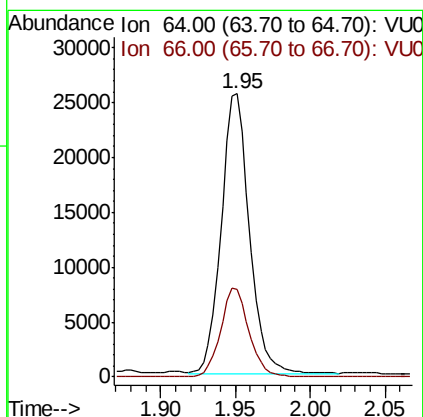
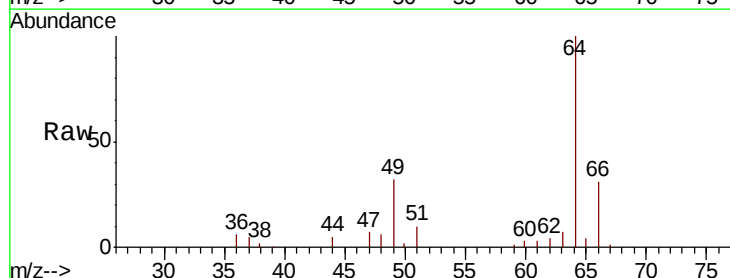
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

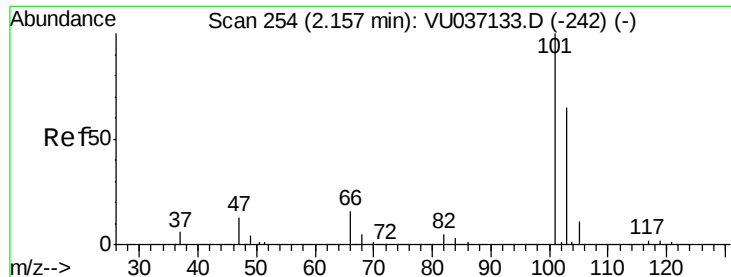
Tot Ion: 94 Resp: 26285
Ion Ratio Lower Upper
94 100
96 92.9 74.6 112.0



#6
Chloroethane
Concen: 9.978 ug/l
RT: 1.95 min Scan# 190
Delta R.T. -0.00 min
Lab File: VU037141.D
Acq: 09 Mar 2020 19:25

Tgt Ion: 64 Resp: 33227
Ion Ratio Lower Upper
64 100
66 31.5 25.5 38.3



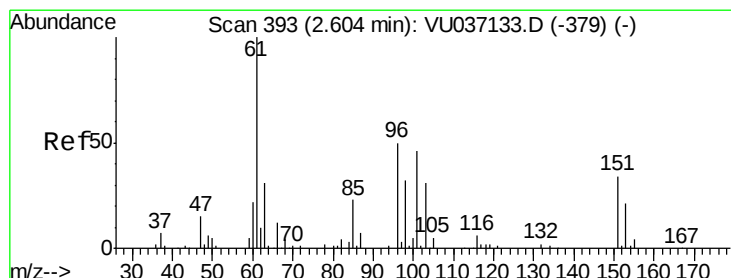
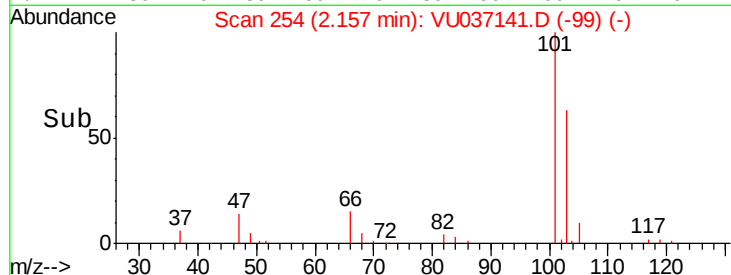
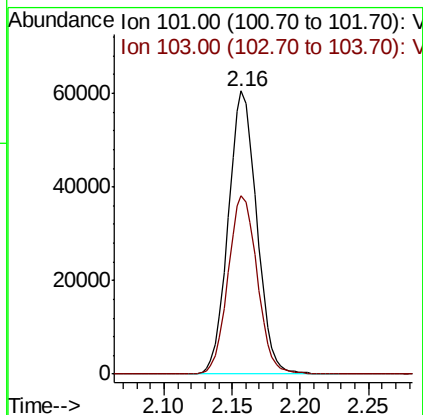
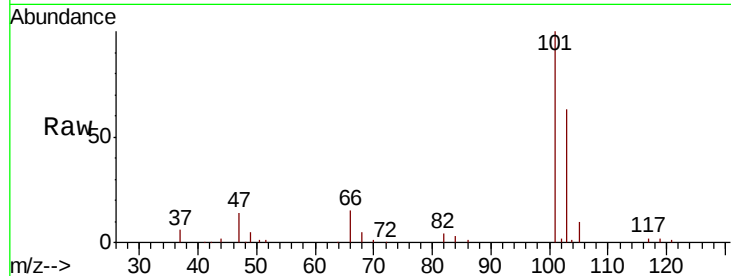


#7

Trichlorofluoromethane
Concen: 10.427 ug/l
RT: 2.16 min Scan# 254
Delta R.T. -0.00 min
Lab File: VU037141.D
Acq: 09 Mar 2020 19:25

Instrument :
MSVOA_U
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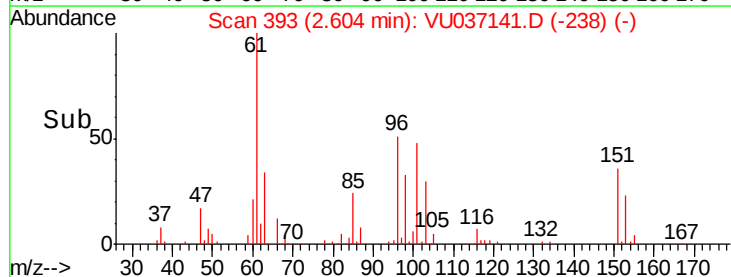
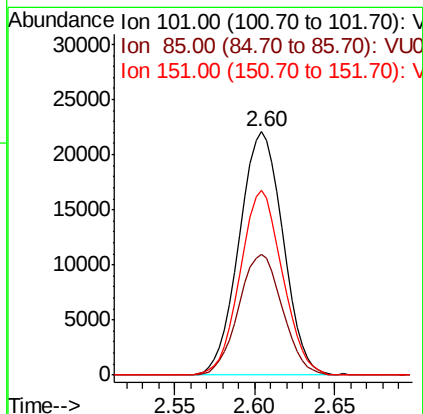
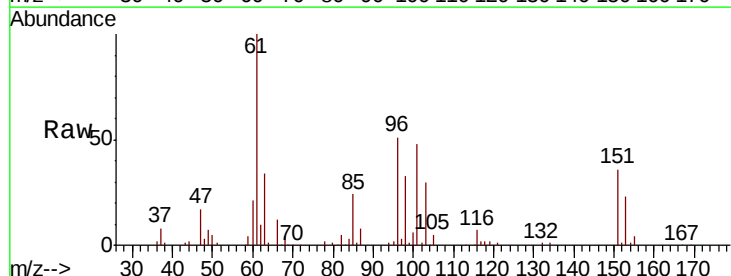
Tot Ion:101 Resp: 88072
Ion Ratio Lower Upper
101 100
103 63.1 53.0 79.6

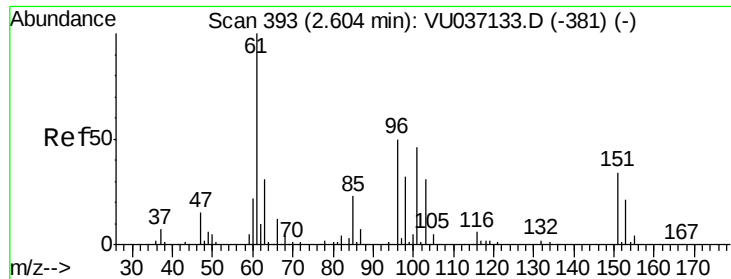


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 10.422 ug/l
RT: 2.60 min Scan# 393
Delta R.T. -0.00 min
Lab File: VU037141.D
Acq: 09 Mar 2020 19:25

Tgt Ion:101 Resp: 41298
Ion Ratio Lower Upper
101 100
85 49.3 33.9 50.9
151 73.3 59.8 89.8





#9

1,1-Dichloroethene

Concen: 10.160 ug/l

RT: 2.60 min Scan# 393

Delta R.T. -0.00 min

Lab File: VU037141.D

Acq: 09 Mar 2020 19:25

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

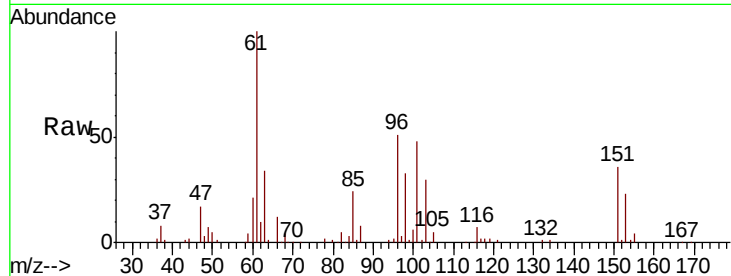
Tot Ion: 96 Resp: 38282

Ion Ratio Lower Upper

96 100

61 194.7 0.0 463.2

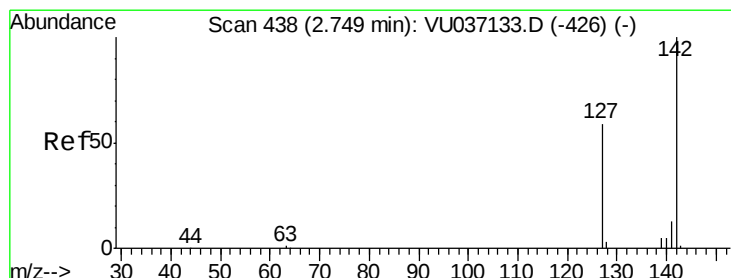
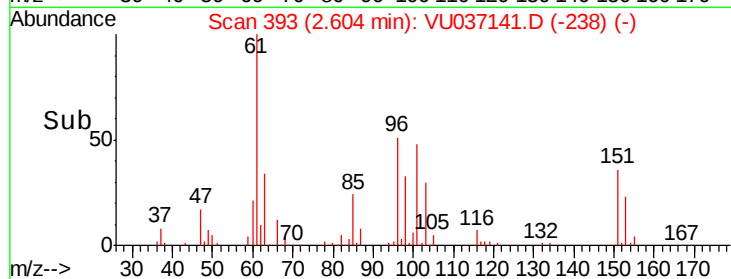
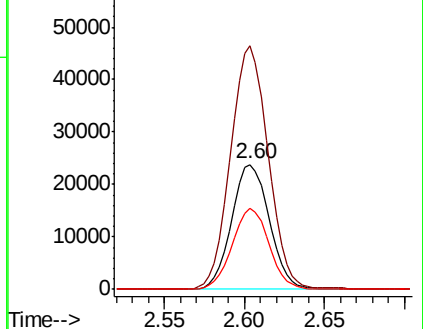
98 64.4 0.0 130.0



Abundance Ion 96.00 (95.70 to 96.70): VU037141.D (-238) (-)

Ion 61.00 (60.70 to 61.70): VU037141.D (-238) (-)

Ion 98.00 (97.70 to 98.70): VU037141.D (-238) (-)



#10

Iodomethane

Concen: 13.616 ug/l

RT: 2.75 min Scan# 438

Delta R.T. 0.00 min

Lab File: VU037141.D

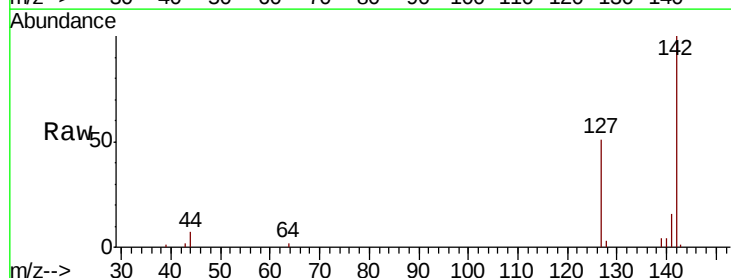
Acq: 09 Mar 2020 19:25

Tgt Ion: 142 Resp: 22292

Ion Ratio Lower Upper

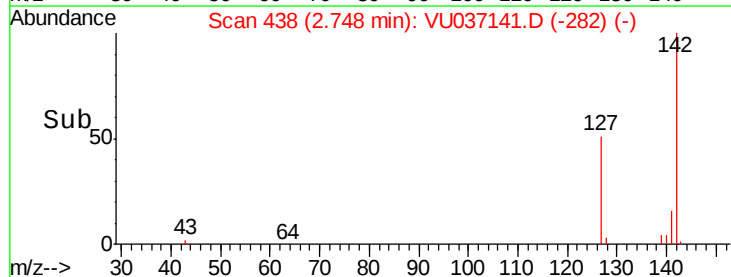
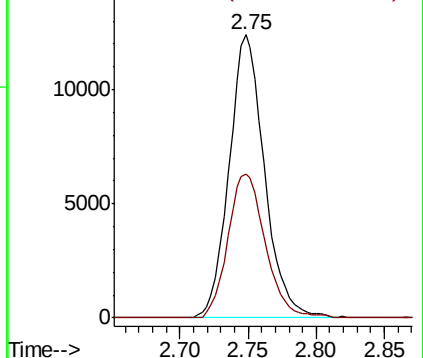
142 100

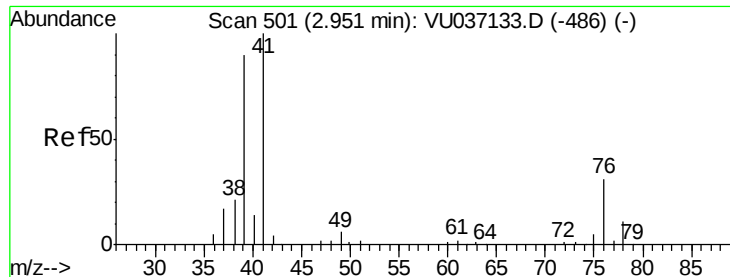
127 53.9 30.3 45.5#



Abundance Ion 142.00 (141.70 to 142.70): VU037141.D (-282) (-)

Ion 127.00 (126.70 to 127.70): VU037141.D (-282) (-)

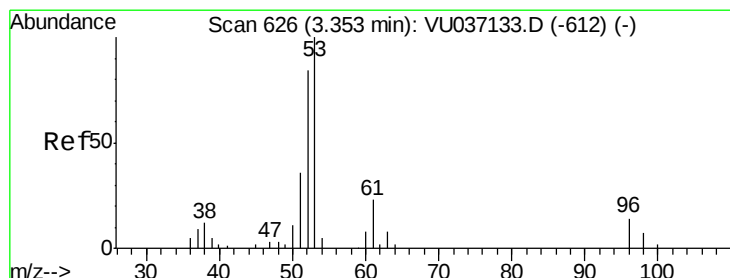
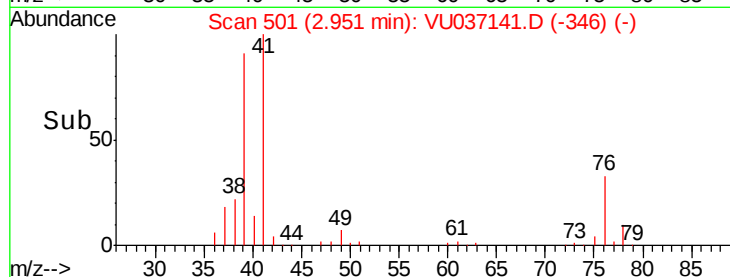
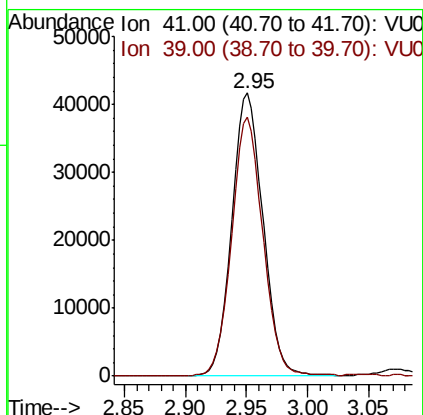
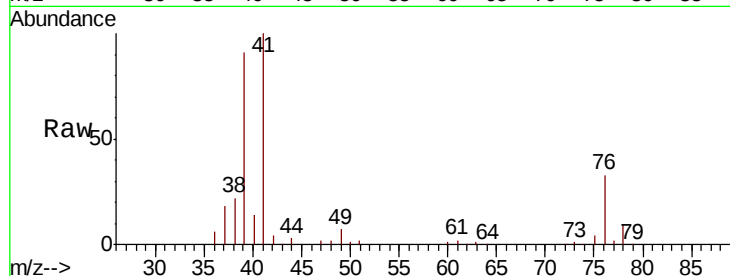




#11
Allvl Chloride
Concen: 10.166 ug/l
RT: 2.95 min Scan# 501
Delta R.T. -0.00 min
Lab File: VU037141.D
Acq: 09 Mar 2020 19:25

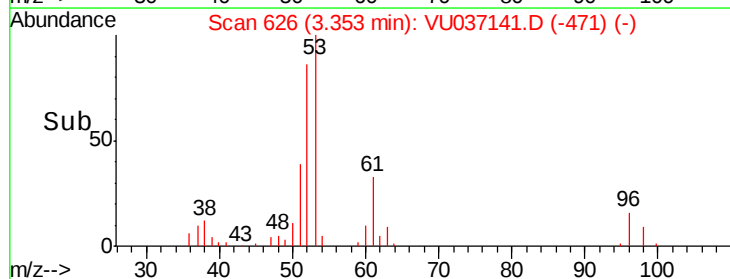
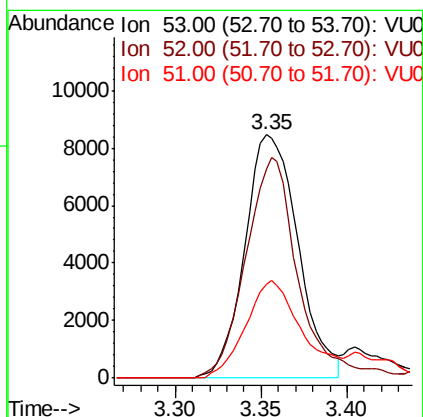
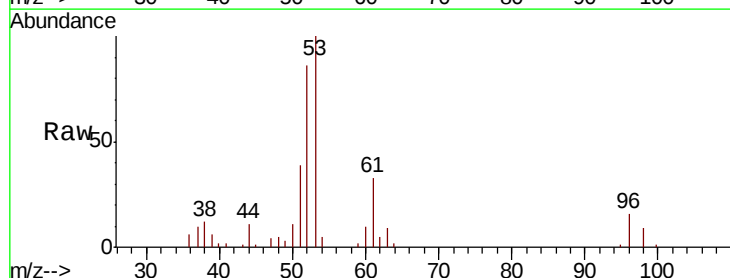
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

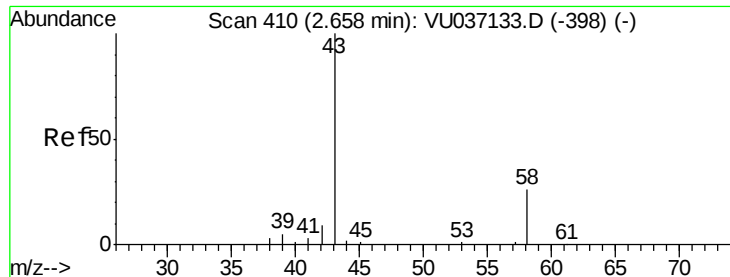
Tot Ion: 41 Resp: 74261
Ion Ratio Lower Upper
41 100
39 91.9 50.7 76.1#



#12
Acrylonitrile
Concen: 20.392 ug/l
RT: 3.35 min Scan# 626
Delta R.T. -0.00 min
Lab File: VU037141.D
Acq: 09 Mar 2020 19:25

Tgt Ion: 53 Resp: 18173
Ion Ratio Lower Upper
53 100
52 89.1 64.6 97.0
51 42.5 27.2 40.8#





#13

Acetone

Concen: 48.178 ug/l

RT: 2.66 min Scan# 410

Delta R.T. -0.00 min

Lab File: VU037141.D

Acq: 09 Mar 2020 19:25

Instrument :

MSVOA_U

ClientSampleId :

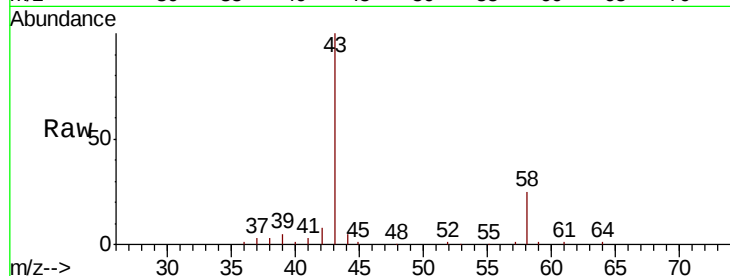
VSTDCCC010EC

Tot Ion: 43 Resp: 47723

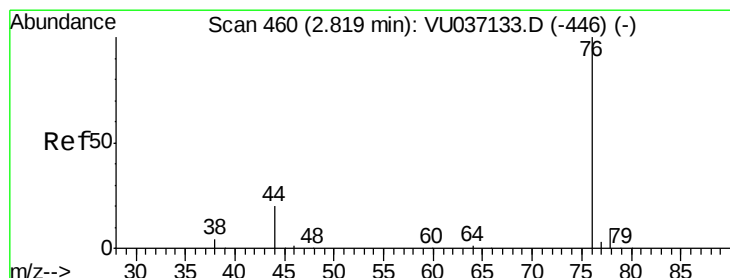
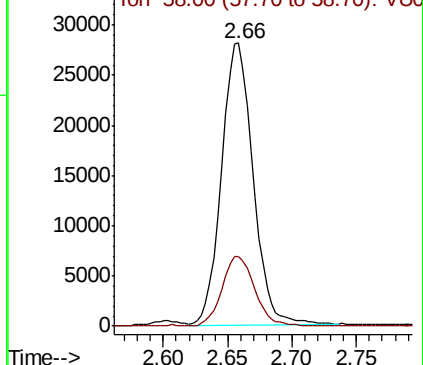
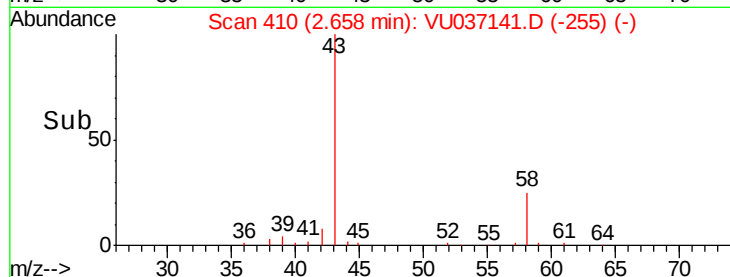
Ion Ratio Lower Upper

43 100

58 25.0 30.8 46.2#



Abundance Ion 43.00 (42.70 to 43.70): VU037141.D (-255) (-)



#14

Carbon Disulfide

Concen: 10.108 ug/l

RT: 2.82 min Scan# 459

Delta R.T. -0.00 min

Lab File: VU037141.D

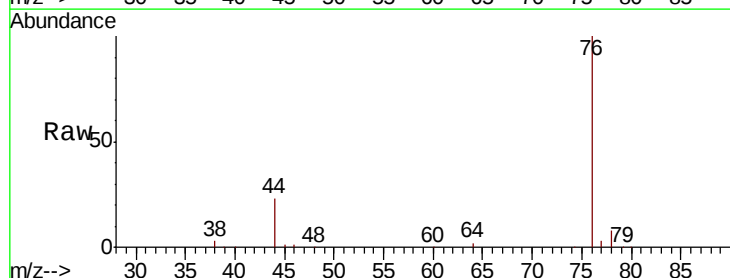
Acq: 09 Mar 2020 19:25

Tgt Ion: 76 Resp: 126843

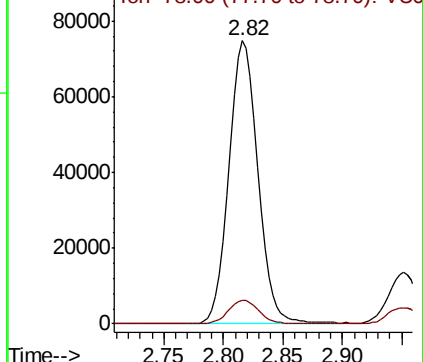
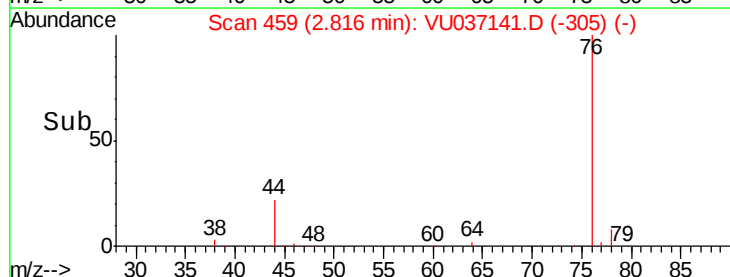
Ion Ratio Lower Upper

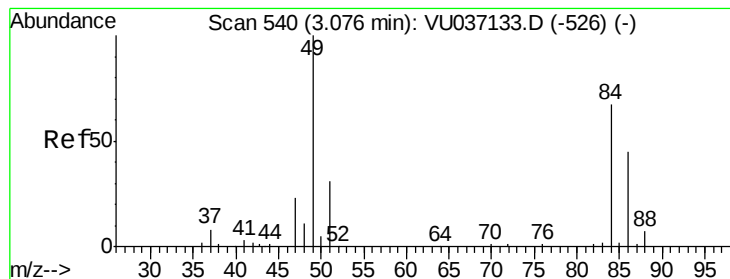
76 100

78 8.5 7.4 11.0



Abundance Ion 76.00 (75.70 to 76.70): VU037141.D (-305) (-)





#15

Methylene Chloride

Concen: 10.335 ug/l

RT: 3.07 min Scan# 539

Delta R.T. -0.00 min

Lab File: VU037141.D

Acq: 09 Mar 2020 19:25

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tot Ion: 84 Resp: 48887

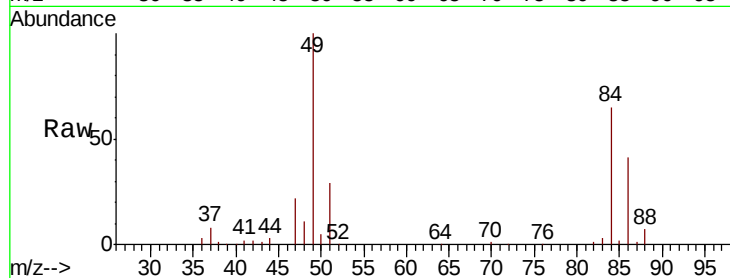
Ion Ratio Lower Upper

84 100

49 153.4 89.7 134.5#

51 45.2 0.0 71.6

86 63.4 51.4 77.2

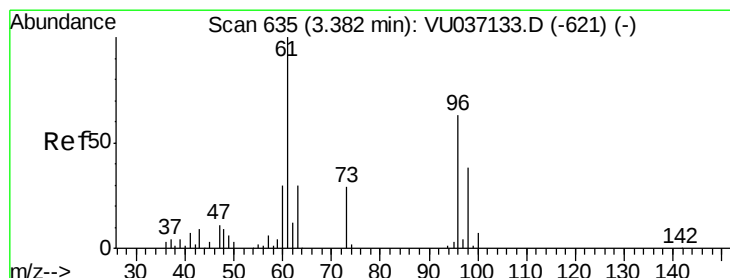
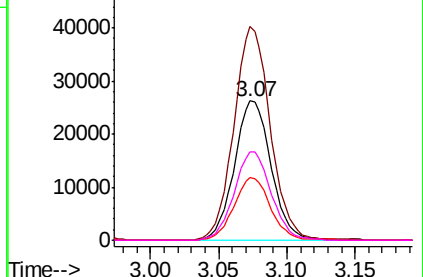
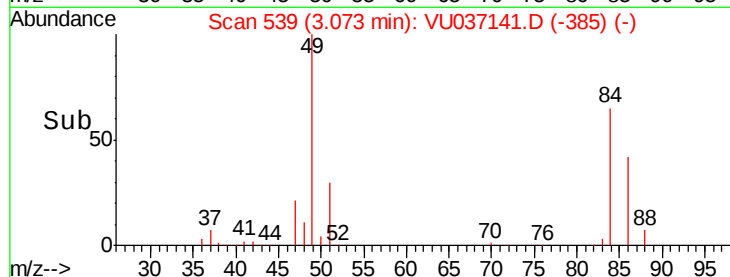


Abundance Ion 84.00 (83.70 to 84.70): VU0

Ion 49.00 (48.70 to 49.70): VU0

Ion 51.00 (50.70 to 51.70): VU0

Ion 86.00 (85.70 to 86.70): VU0



#16

trans-1,2-Dichloroethene

Concen: 10.318 ug/l

RT: 3.38 min Scan# 635

Delta R.T. -0.00 min

Lab File: VU037141.D

Acq: 09 Mar 2020 19:25

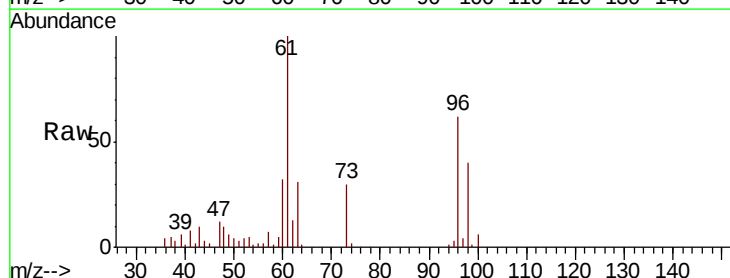
Tgt Ion: 96 Resp: 41289

Ion Ratio Lower Upper

96 100

61 160.4 110.8 166.2

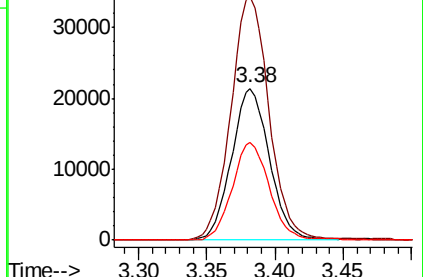
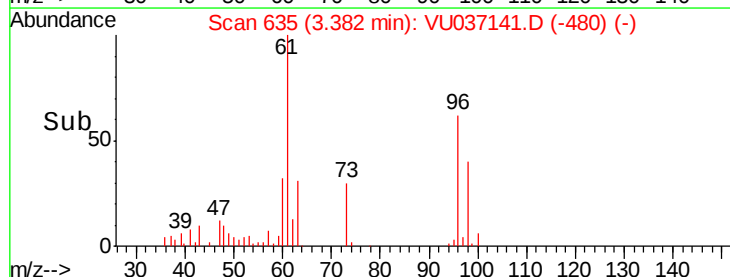
98 64.4 50.3 75.5

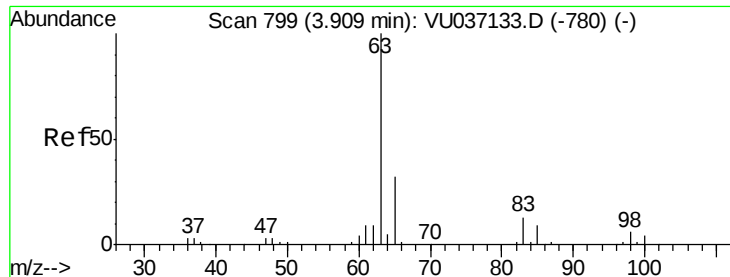


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

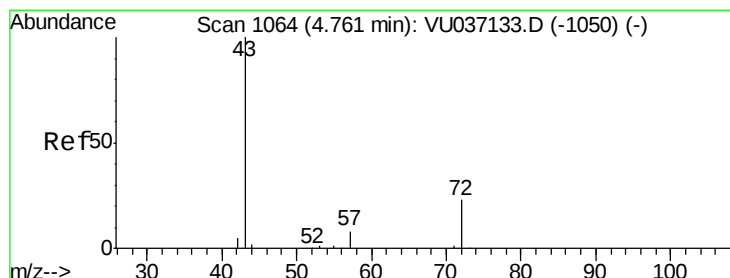
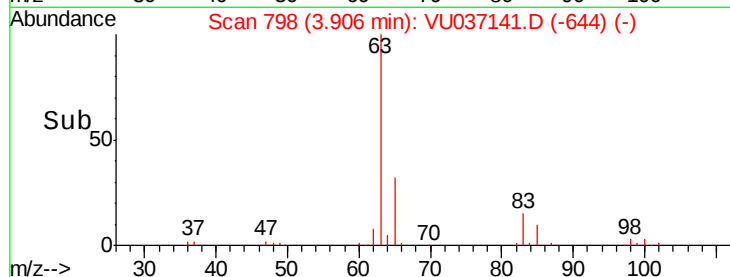
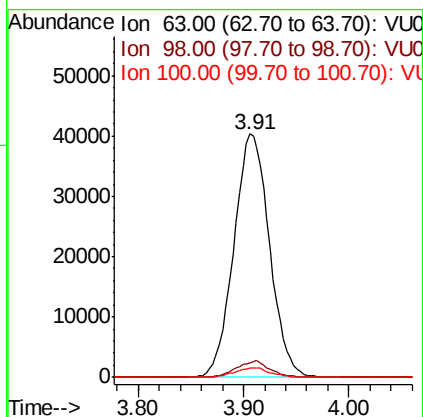
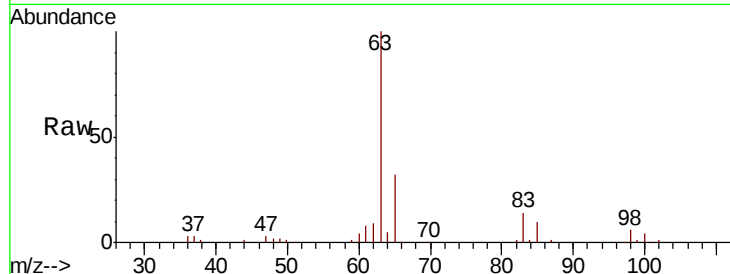




#17
 1,1-Dichloroethane
 Concen: 10.185 ug/l
 RT: 3.91 min Scan# 798
 Delta R.T. -0.00 min
 Lab File: VU037141.D
 Acq: 09 Mar 2020 19:25

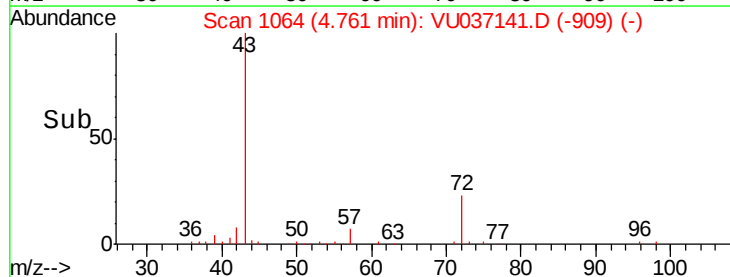
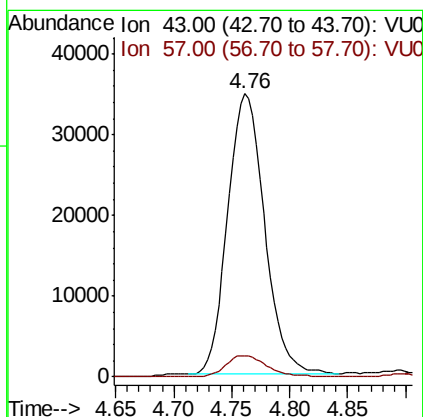
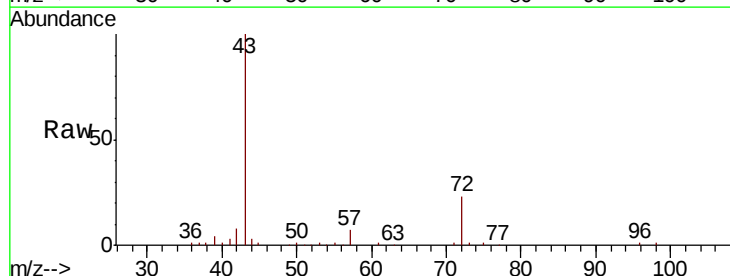
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

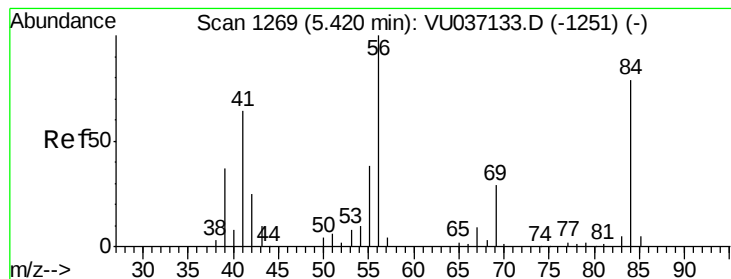
Tot Ion: 63 Resp: 94476
 Ion Ratio Lower Upper
 63 100
 98 6.0 3.5 10.5
 100 3.8 2.4 7.1



#18
 2-Butanone
 Concen: 50.779 ug/l
 RT: 4.76 min Scan# 1064
 Delta R.T. -0.00 min
 Lab File: VU037141.D
 Acq: 09 Mar 2020 19:25

Tgt Ion: 43 Resp: 76881
 Ion Ratio Lower Upper
 43 100
 57 7.6 0.0 17.8





#19

Cyclohexane

Concen: 9.773 ug/l

RT: 5.42 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VU037141.D

Acq: 09 Mar 2020 19:25

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

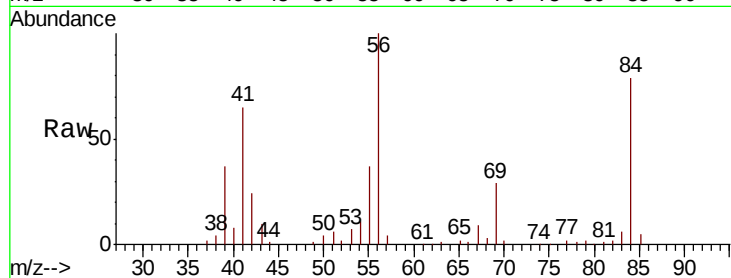
Tot Ion: 56 Resp: 77210

Ion Ratio Lower Upper

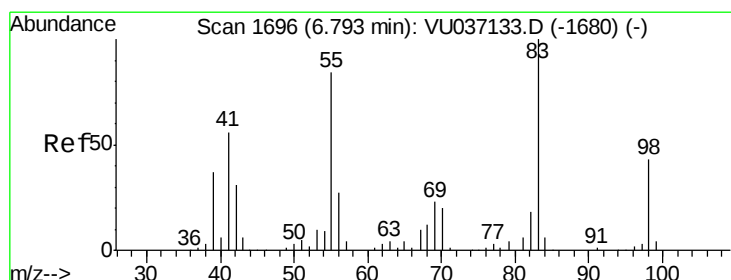
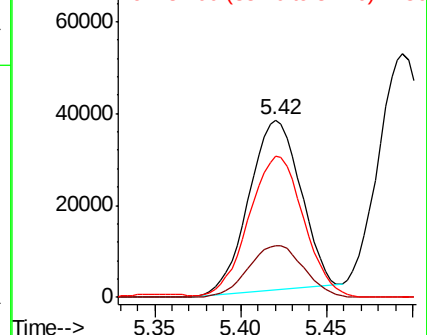
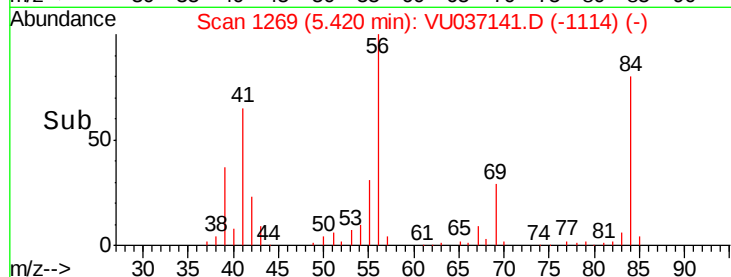
56 100

69 33.0 26.2 39.2

84 86.9 72.8 109.2



Abundance Ion 56.00 (55.70 to 56.70): VU037141.D (-1114) (-)



#20

Methylcyclohexane

Concen: 10.700 ug/l

RT: 6.79 min Scan# 1695

Delta R.T. -0.00 min

Lab File: VU037141.D

Acq: 09 Mar 2020 19:25

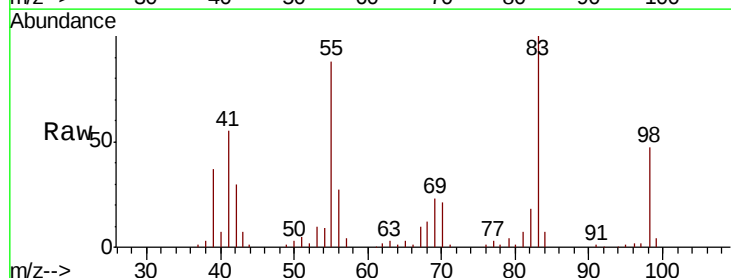
Tgt Ion: 83 Resp: 83492

Ion Ratio Lower Upper

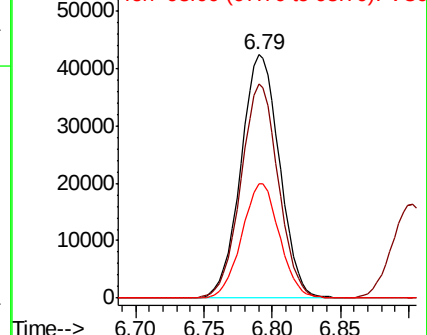
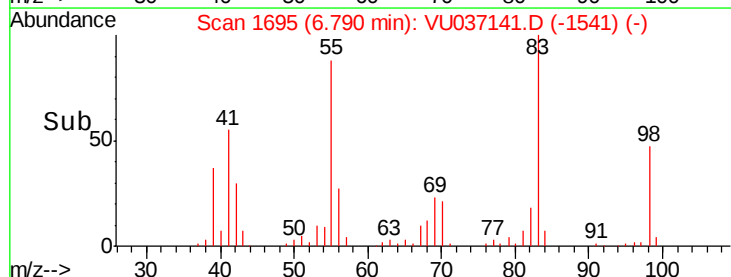
83 100

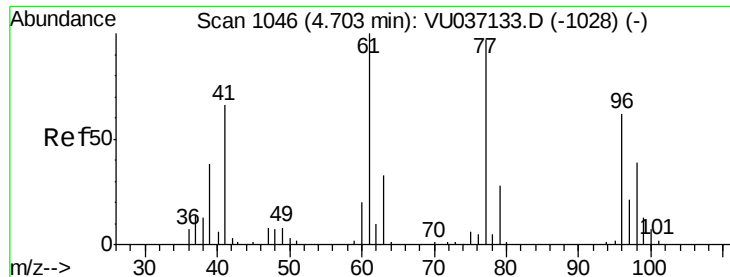
55 84.7 56.6 85.0

98 45.9 37.5 56.3



Abundance Ion 83.00 (82.70 to 83.70): VU037141.D (-1541) (-)

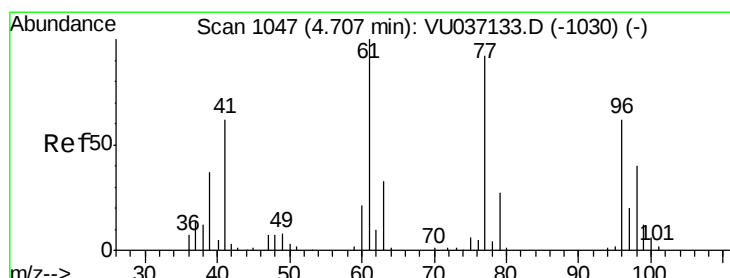
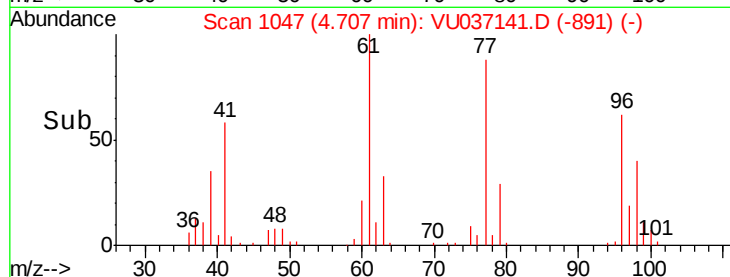
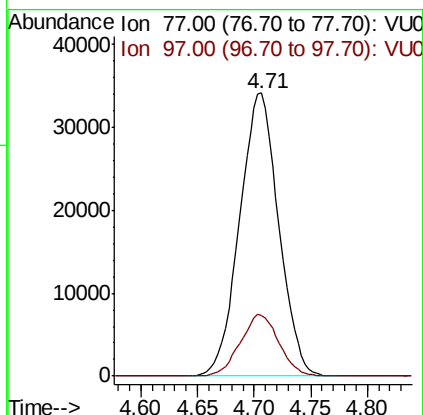
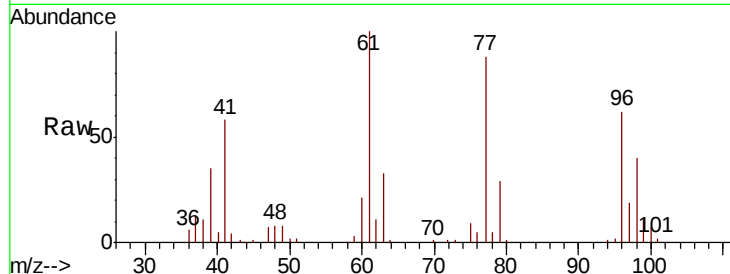




#21
 2,2-Dichloropropane
 Concen: 9.669 ug/l
 RT: 4.71 min Scan# 1047
 Delta R.T. 0.00 min
 Lab File: VU037141.D
 Acq: 09 Mar 2020 19:25

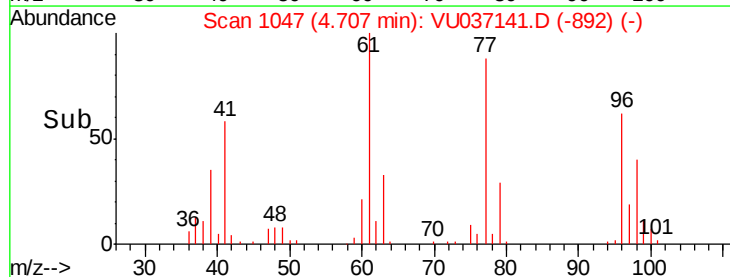
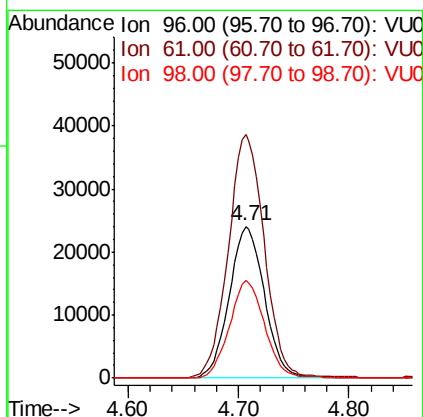
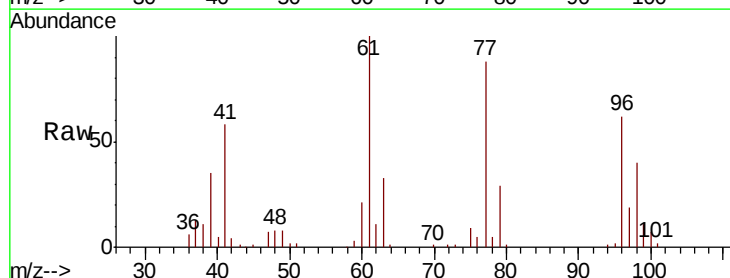
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

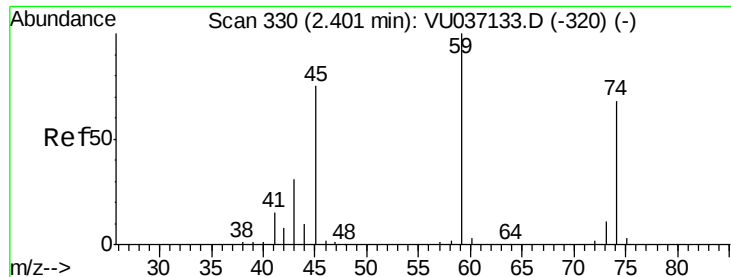
Tot Ion: 77 Resp: 81838
 Ion Ratio Lower Upper
 77 100
 97 21.5 19.0 28.4



#22
 cis-1,2-Dichloroethene
 Concen: 10.786 ug/l
 RT: 4.71 min Scan# 1047
 Delta R.T. -0.00 min
 Lab File: VU037141.D
 Acq: 09 Mar 2020 19:25

Tgt Ion: 96 Resp: 53457
 Ion Ratio Lower Upper
 96 100
 61 163.5 0.0 342.0
 98 63.7 32.0 96.0

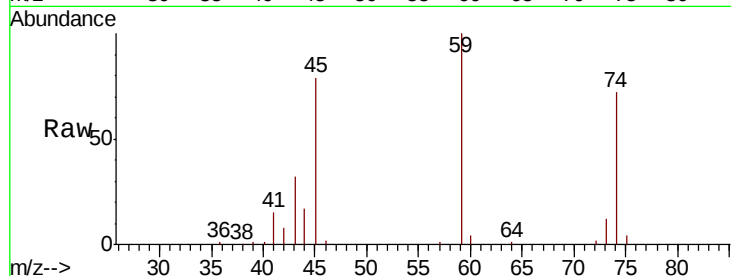




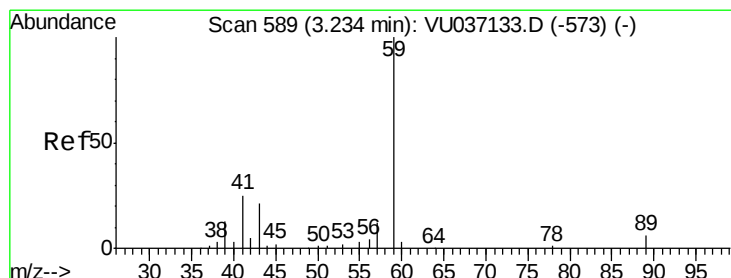
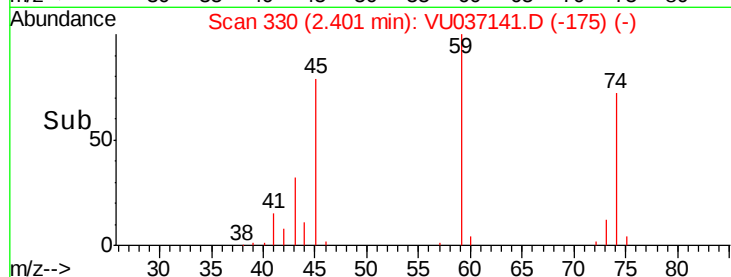
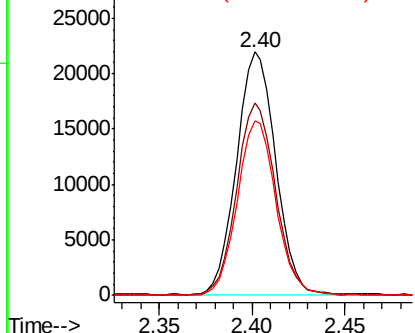
#23
Diethyl Ether
Concen: 10.149 ug/l
RT: 2.40 min Scan# 330
Delta R.T. -0.00 min
Lab File: VU037141.D
Acq: 09 Mar 2020 19:25

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tot Ion: 59 Resp: 32392
Ion Ratio Lower Upper
59 100
45 78.8 52.4 78.6#
74 70.6 62.1 93.1

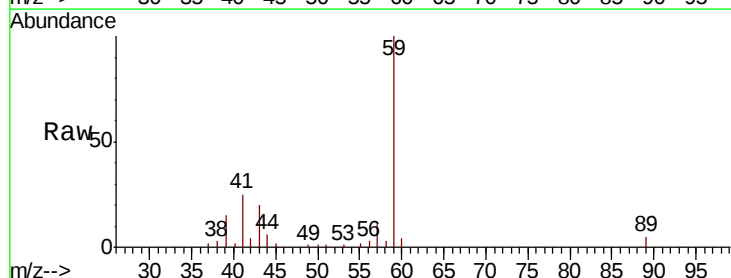


Abundance Ion 59.00 (58.70 to 59.70): VU0
Ion 45.00 (44.70 to 45.70): VU0
Ion 74.00 (73.70 to 74.70): VU0

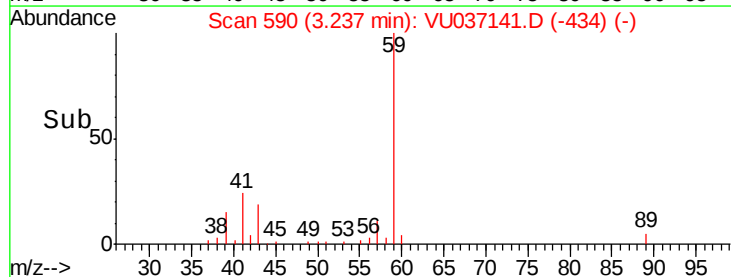
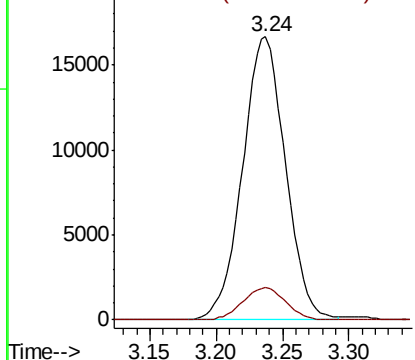


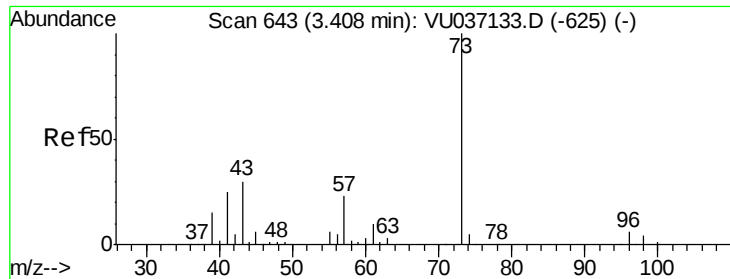
#24
tert-Butyl Alcohol
Concen: 107.559 ug/l
RT: 3.24 min Scan# 590
Delta R.T. 0.00 min
Lab File: VU037141.D
Acq: 09 Mar 2020 19:25

Tgt Ion: 59 Resp: 37534
Ion Ratio Lower Upper
59 100
57 11.2 8.4 12.6



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



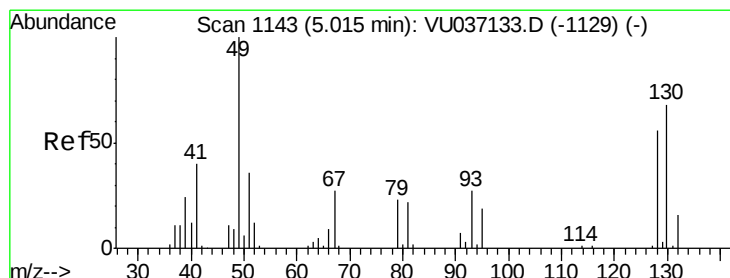
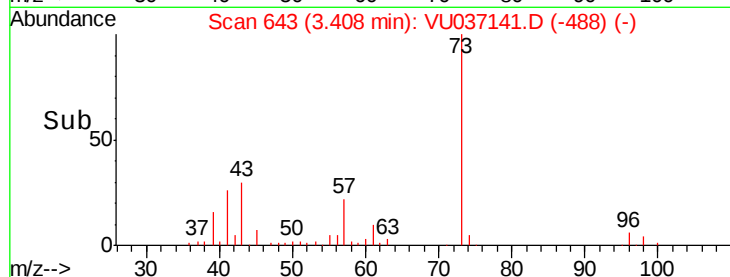
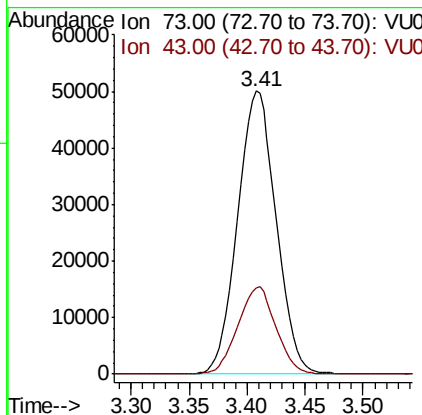
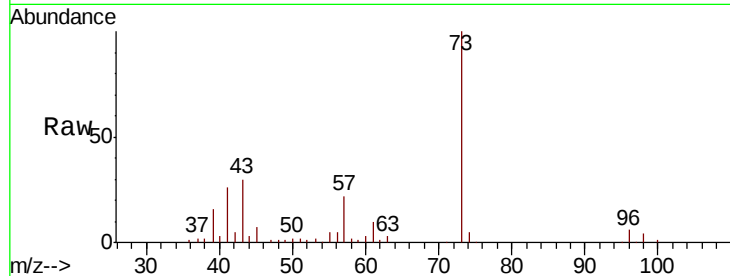


#25

Methyl tert-Butyl Ether
 Concen: 10.450 ug/l
 RT: 3.41 min Scan# 643
 Delta R.T. -0.00 min
 Lab File: VU037141.D
 Acq: 09 Mar 2020 19:25

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

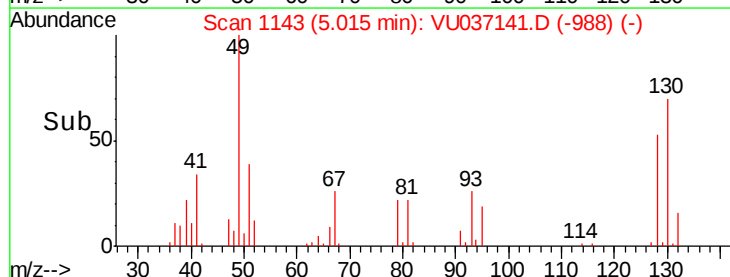
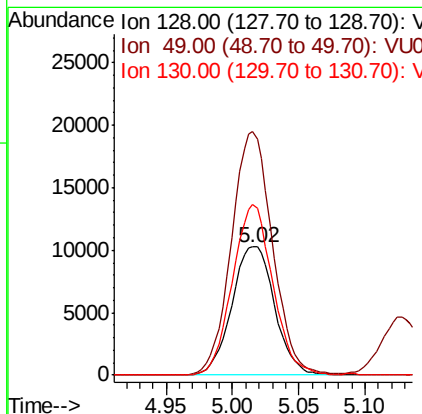
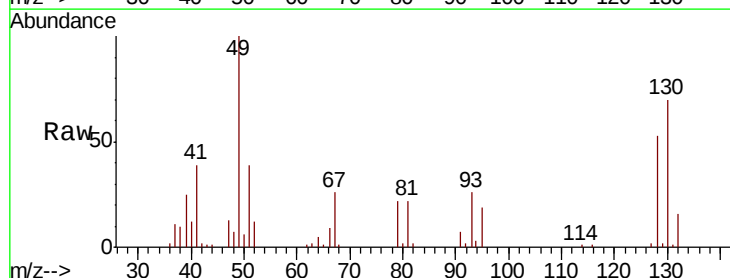
Tot Ion: 73 Resp: 115369
 Ion Ratio Lower Upper
 73 100
 43 30.7 14.5 21.7#

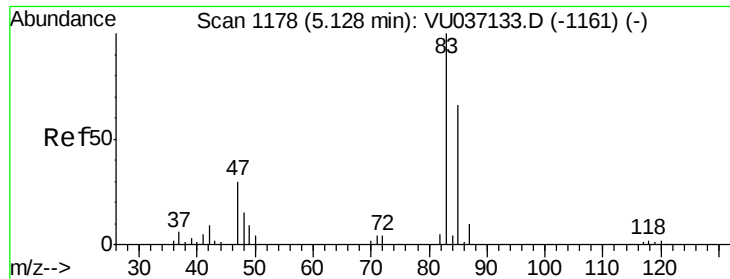


#26

Bromochloromethane
 Concen: 10.564 ug/l
 RT: 5.02 min Scan# 1143
 Delta R.T. -0.00 min
 Lab File: VU037141.D
 Acq: 09 Mar 2020 19:25

Tgt Ion: 128 Resp: 23043
 Ion Ratio Lower Upper
 128 100
 49 182.4 0.0 286.2
 130 125.3 104.3 156.5

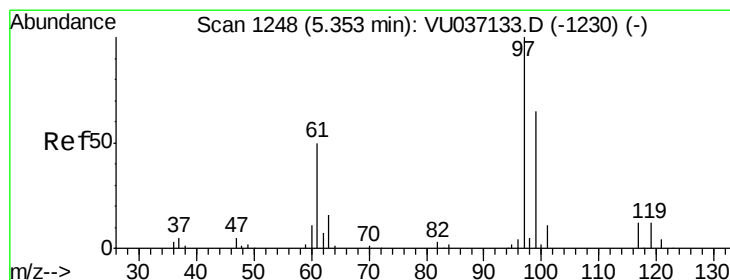
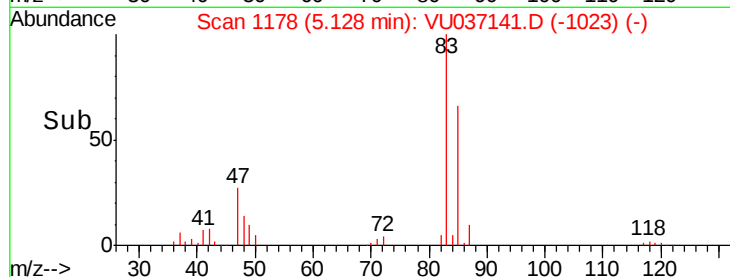
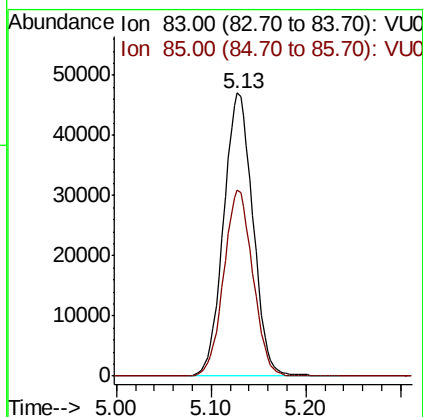
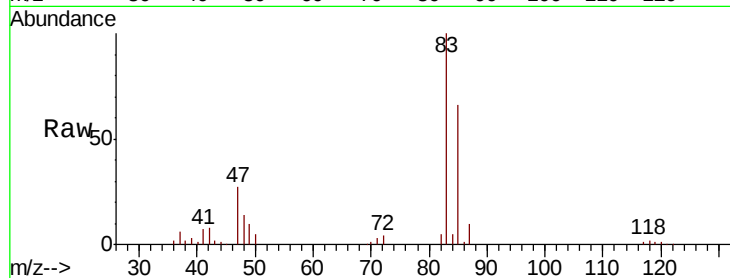




#27
Chloroform
Concen: 10.123 ug/l
RT: 5.13 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VU037141.D
Acq: 09 Mar 2020 19:25

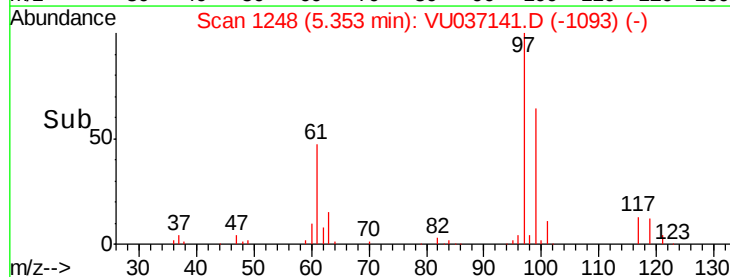
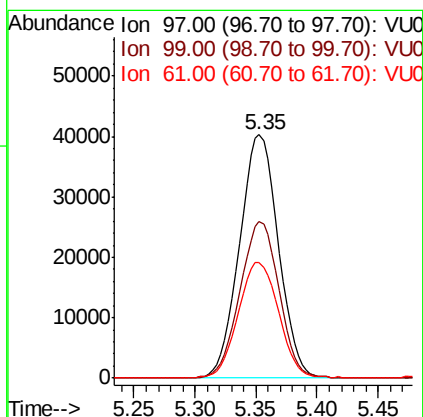
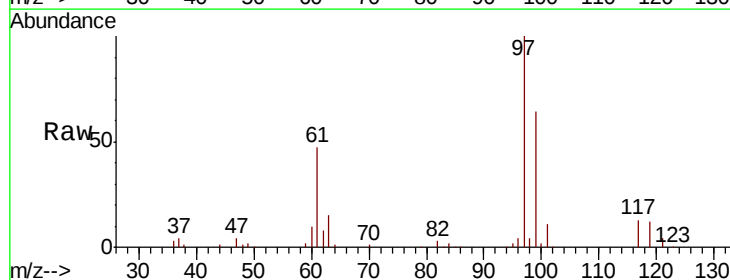
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

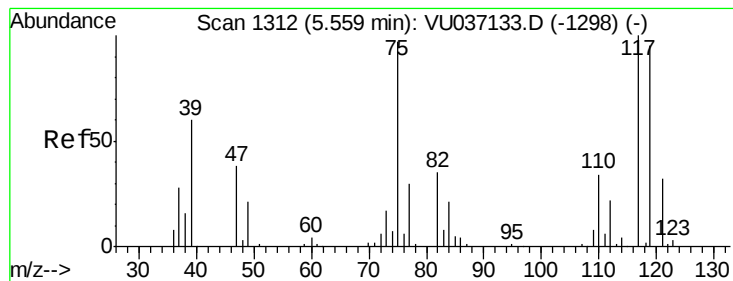
Tot Ion: 83 Resp: 101120
Ion Ratio Lower Upper
83 100
85 65.6 0.0 129.0



#28
1,1,1-Trichloroethane
Concen: 10.427 ug/l
RT: 5.35 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VU037141.D
Acq: 09 Mar 2020 19:25

Tgt Ion: 97 Resp: 88790
Ion Ratio Lower Upper
97 100
99 64.7 32.1 96.3
61 49.8 22.7 68.0





#29

1,1-Dichloropropene

Concen: 10.476 ug/l

RT: 5.56 min Scan# 1313

Delta R.T. 0.00 min

Lab File: VU037141.D

Acq: 09 Mar 2020 19:25

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

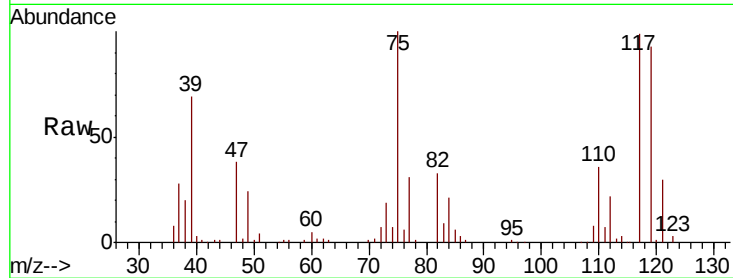
Tot Ion: 75 Resp: 72492

Ion Ratio Lower Upper

75 100

110 35.0 18.6 55.8

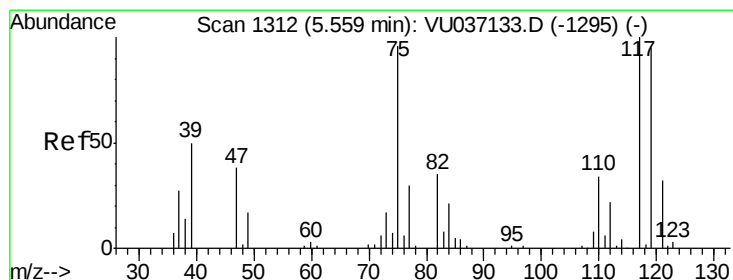
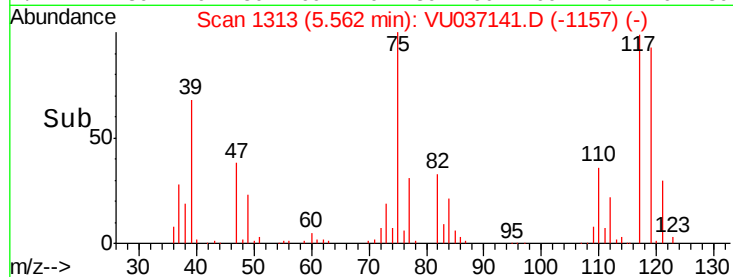
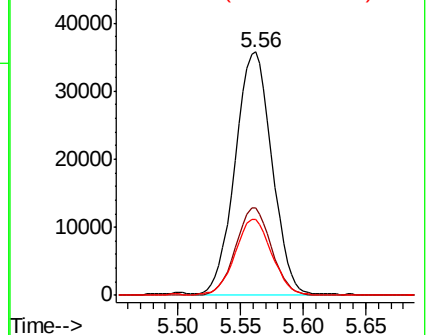
77 31.6 25.0 37.4



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

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

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



#30

Carbon Tetrachloride

Concen: 10.636 ug/l

RT: 5.56 min Scan# 1312

Delta R.T. -0.00 min

Lab File: VU037141.D

Acq: 09 Mar 2020 19:25

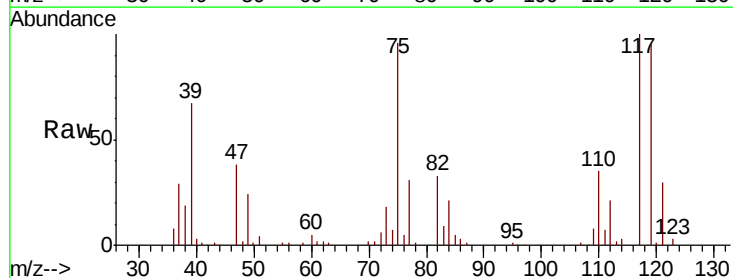
Tgt Ion: 117 Resp: 79262

Ion Ratio Lower Upper

117 100

119 94.9 77.0 115.6

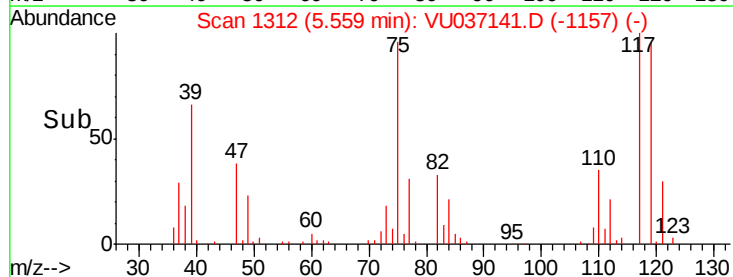
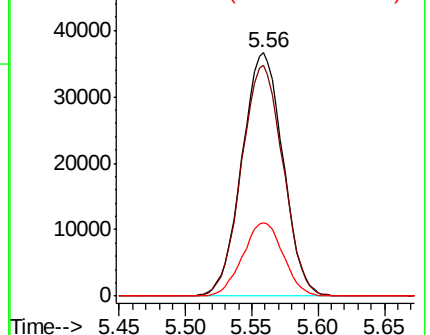
121 30.1 23.3 34.9

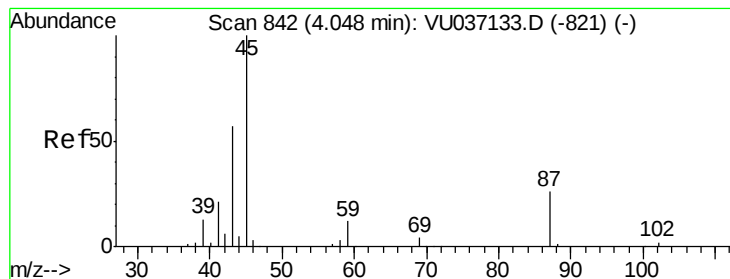


Abundance Ion 117.00 (116.70 to 117.70): VU037133.D (-1295) (-)

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

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





#31

Isopropyl Ether

Concen: 10.445 ug/l

RT: 4.05 min Scan# 842

Delta R.T. -0.00 min

Lab File: VU037141.D

Acq: 09 Mar 2020 19:25

Instrument :

MSVOA_U

ClientSampleId :

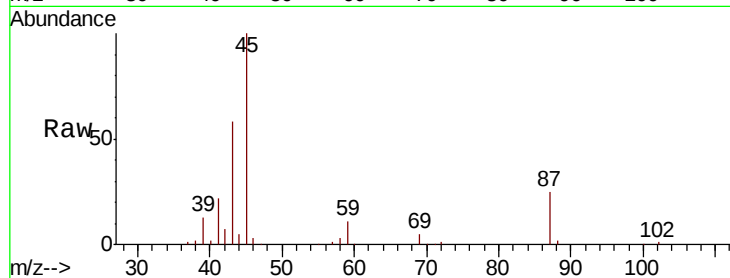
VSTDCCC010EC

Tot Ion: 45 Resp: 154668

Ion Ratio Lower Upper

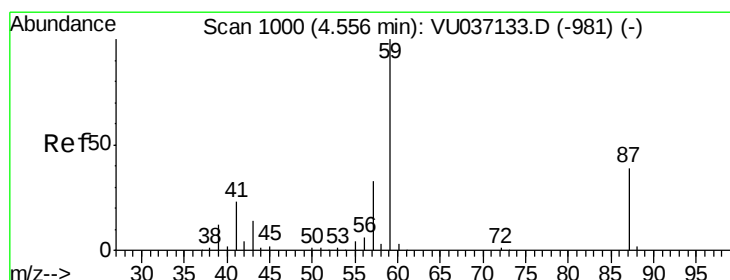
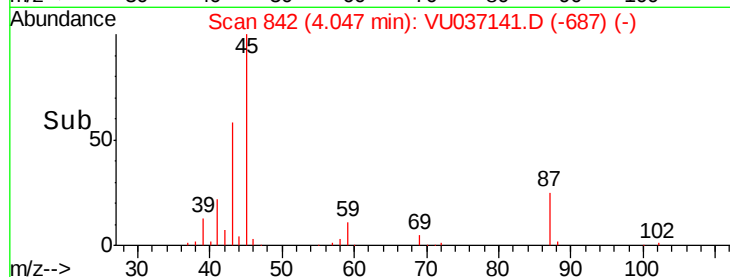
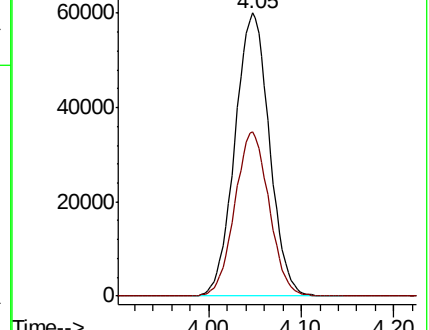
45 100

43 58.0 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) (-)



#32

Ethyl-t-butyl ether

Concen: 10.514 ug/l

RT: 4.56 min Scan# 1000

Delta R.T. -0.00 min

Lab File: VU037141.D

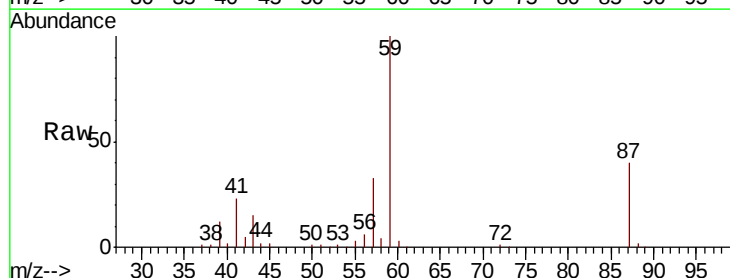
Acq: 09 Mar 2020 19:25

Tgt Ion: 59 Resp: 146988

Ion Ratio Lower Upper

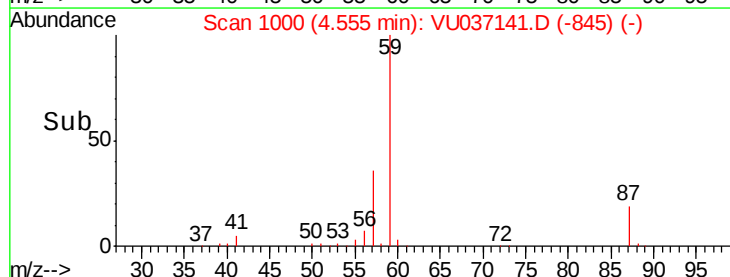
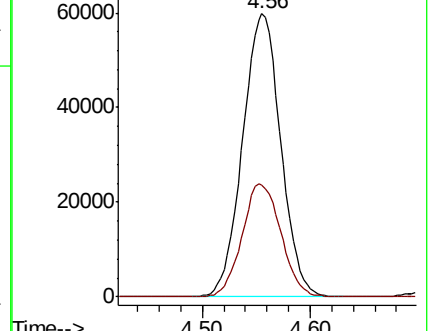
59 100

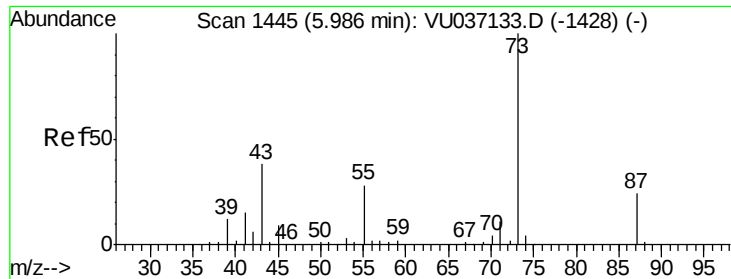
87 40.8 35.1 52.7



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

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

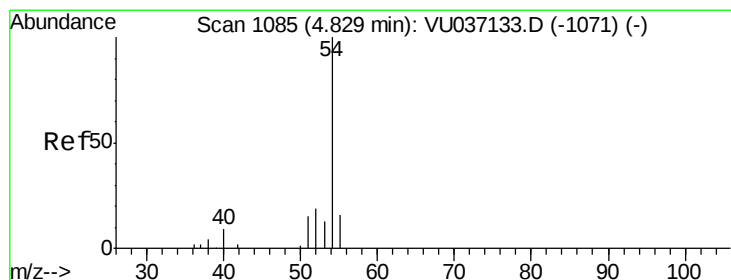
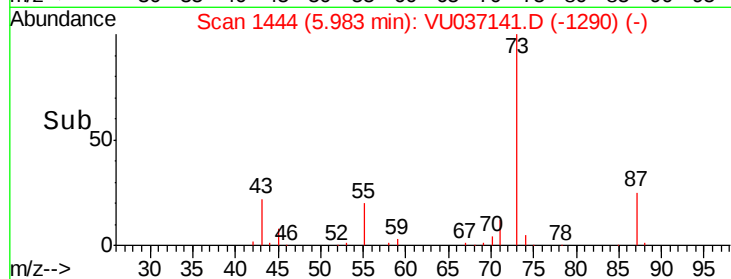
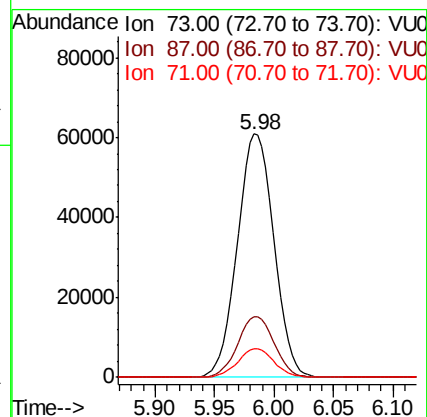
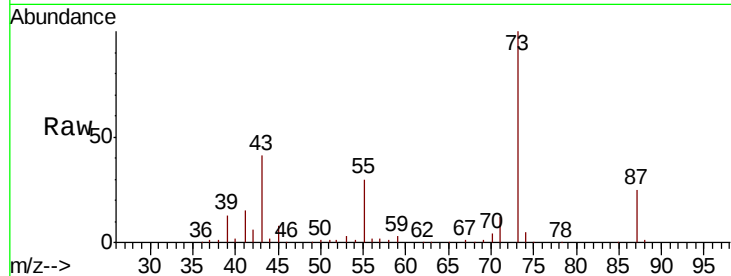




#33
Tert-Butyl methyl ether
Concen: 10.777 ug/l
RT: 5.98 min Scan# 1444
Delta R.T. -0.00 min
Lab File: VU037141.D
Acq: 09 Mar 2020 19:25

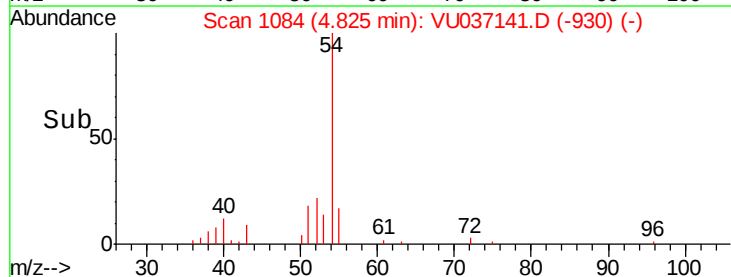
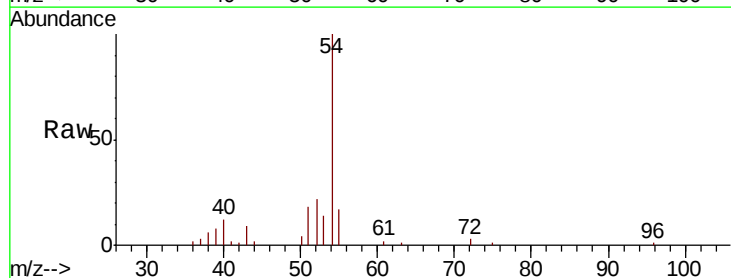
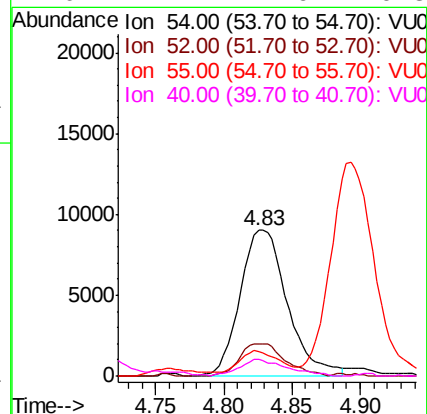
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

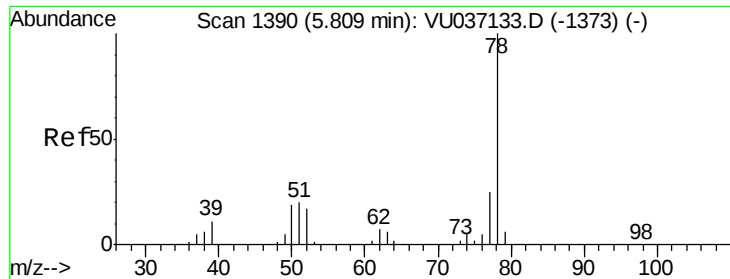
Tot Ion: 73 Resp: 129299
Ion Ratio Lower Upper
73 100
87 24.9 19.8 29.6
71 11.6 9.1 13.7



#34
Propionitrile
Concen: 54.560 ug/l
RT: 4.83 min Scan# 1084
Delta R.T. -0.00 min
Lab File: VU037141.D
Acq: 09 Mar 2020 19:25

Tgt Ion: 54 Resp: 21727
Ion Ratio Lower Upper
54 100
52 21.4 15.2 22.8
55 14.1 9.5 14.3
40 11.4 4.6 6.8#





#35

Benzene

Concen: 10.413 ug/l

RT: 5.81 min Scan# 1390

Delta R.T. -0.00 min

Lab File: VU037141.D

Acq: 09 Mar 2020 19:25

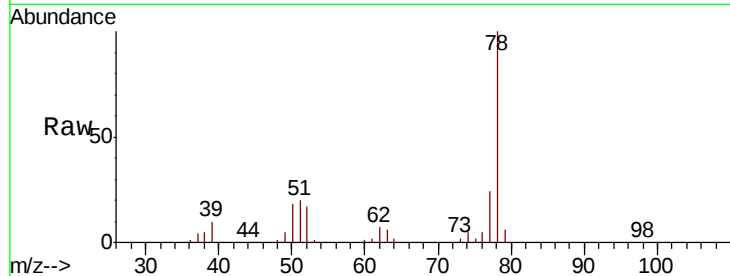
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tot Ion: 78 Resp: 204716

Ion Ratio Lower Upper

78 100

77 24.3 19.4 29.0



Abundance Ion 78.10 (77.80 to 78.80): VU037141.D (-1235) (-)

Ion 77.00 (76.70 to 77.70): VU037141.D (-1235) (-)

5.81

100000

80000

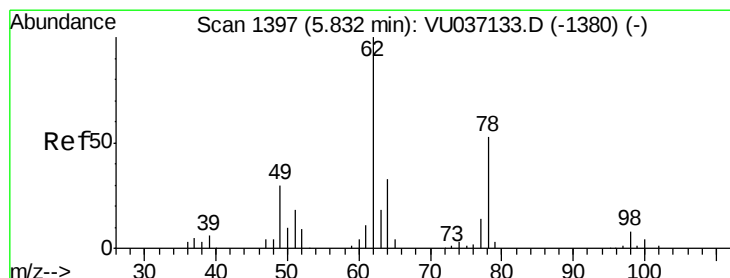
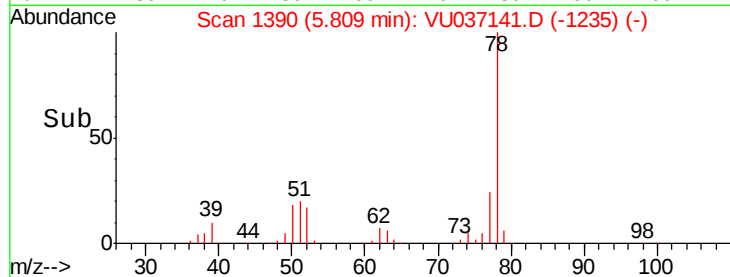
60000

40000

20000

0

Time--> 5.70 5.75 5.80 5.85 5.90



#36

1,2-Dichloroethane

Concen: 10.305 ug/l

RT: 5.83 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VU037141.D

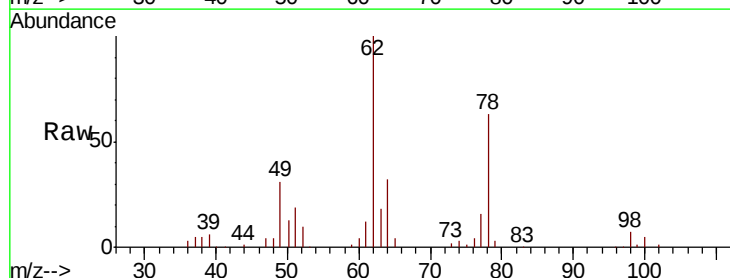
Acq: 09 Mar 2020 19:25

Tgt Ion: 62 Resp: 73439

Ion Ratio Lower Upper

62 100

98 7.1 7.8 11.8#



Abundance Ion 62.00 (61.70 to 62.70): VU037141.D (-1242) (-)

Ion 98.00 (97.70 to 98.70): VU037141.D (-1242) (-)

5.83

40000

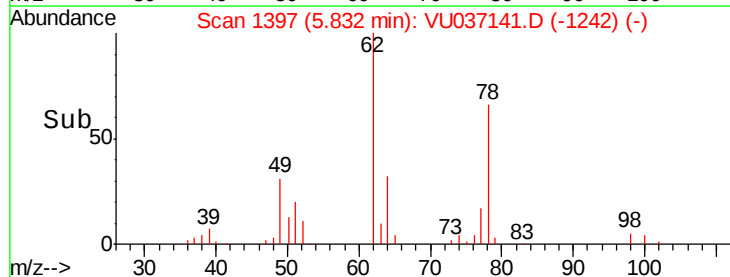
30000

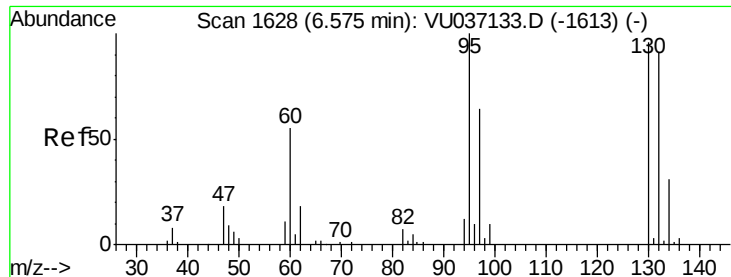
20000

10000

0

Time--> 5.80 5.90

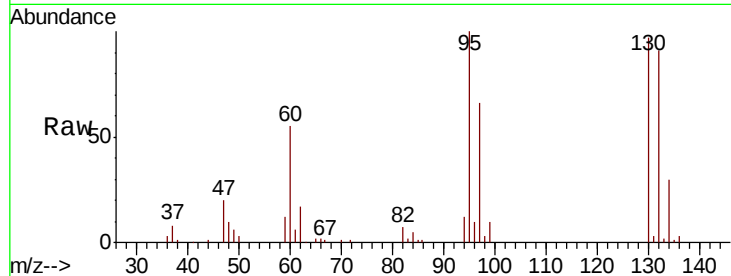




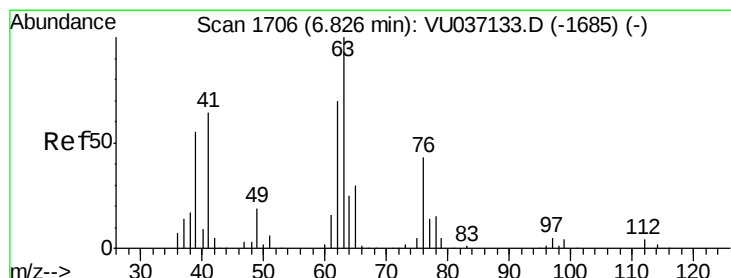
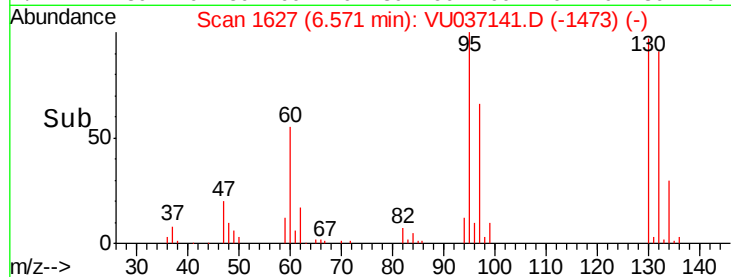
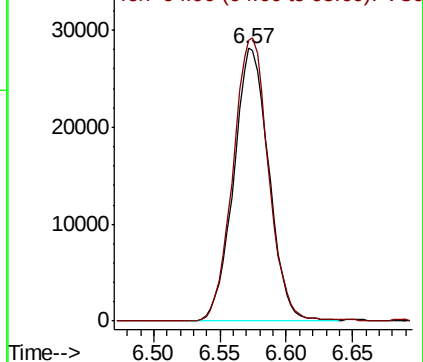
#37
 Trichloroethene
 Concen: 10.065 ug/l
 RT: 6.57 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: VU037141.D
 Acq: 09 Mar 2020 19:25

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Tot Ion:130 Resp: 51915
 Ion Ratio Lower Upper
 130 100
 95 103.0 77.0 115.4

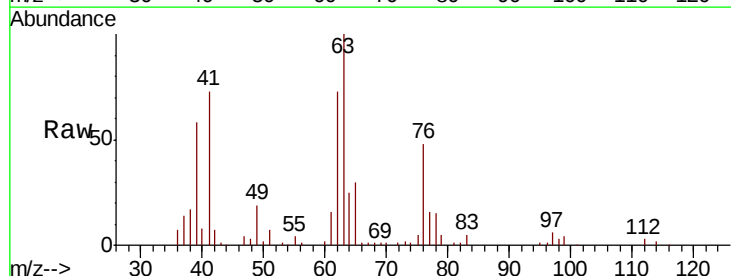


Abundance Ion 129.90 (129.60 to 130.60): VU037133.D (-1613) (-)
 Ion 94.90 (94.60 to 95.60): VU037133.D (-1613) (-)

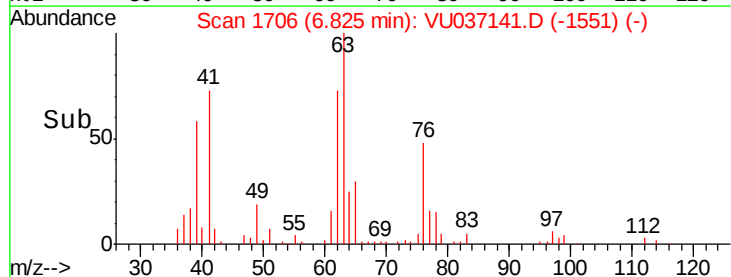
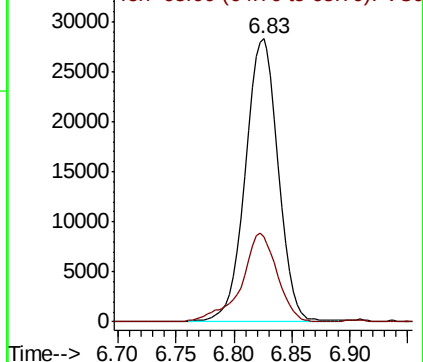


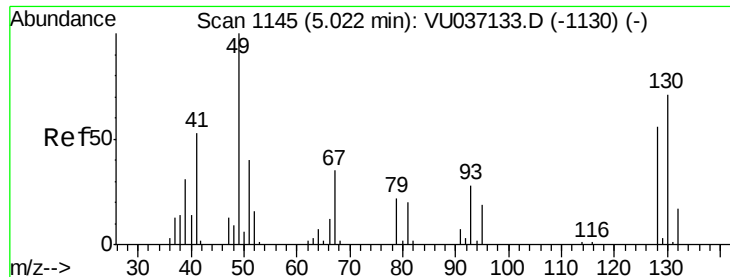
#38
 1,2-Dichloropropane
 Concen: 10.383 ug/l
 RT: 6.83 min Scan# 1706
 Delta R.T. -0.00 min
 Lab File: VU037141.D
 Acq: 09 Mar 2020 19:25

Tgt Ion: 63 Resp: 56027
 Ion Ratio Lower Upper
 63 100
 65 30.1 24.7 37.1



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

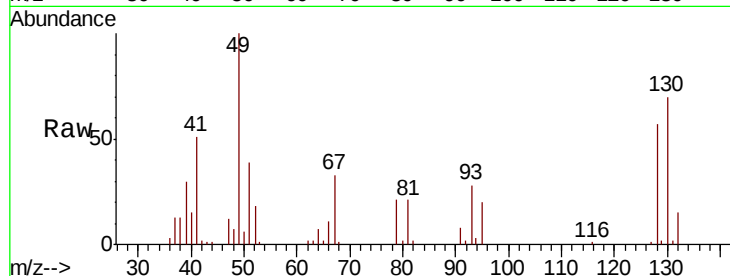




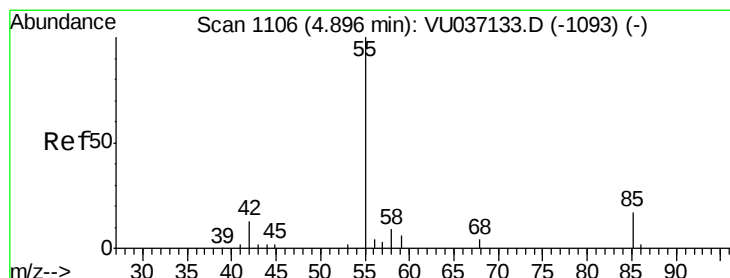
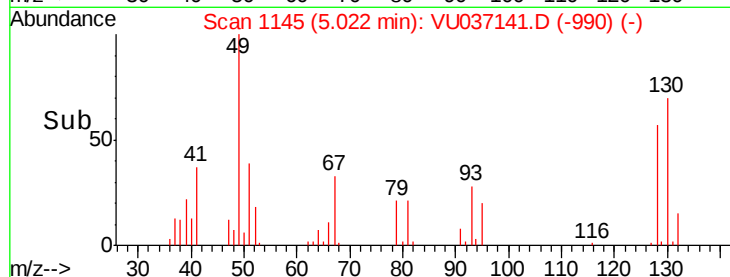
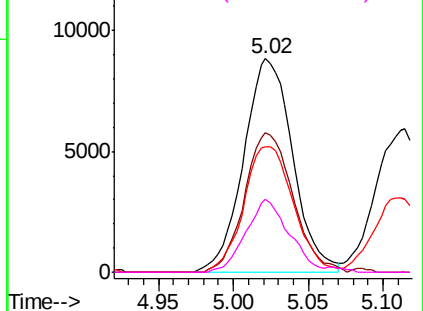
#39
Methacrylonitrile
Concen: 10.498 ug/l
RT: 5.02 min Scan# 1145
Delta R.T. -0.00 min
Lab File: VU037141.D
Acq: 09 Mar 2020 19:25

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tot Ion: 41 Resp: 20171
Ion Ratio Lower Upper
41 100
67 64.3 69.6 104.4#
39 59.5 41.6 62.4
52 30.9 25.9 38.9

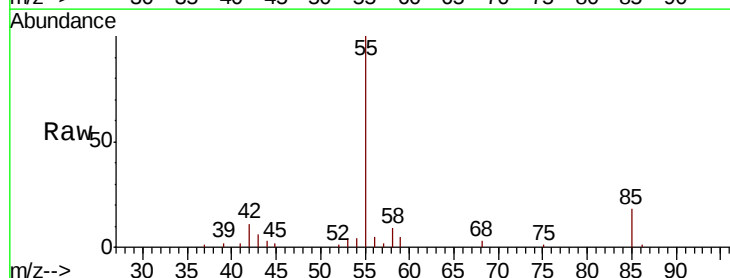


Abundance Ion 41.00 (40.70 to 41.70): VU0
Ion 67.00 (66.70 to 67.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 52.00 (51.70 to 52.70): VU0

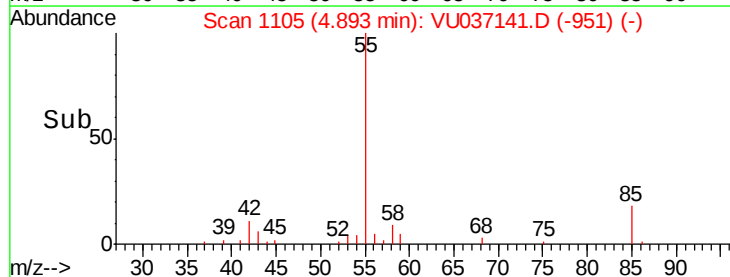
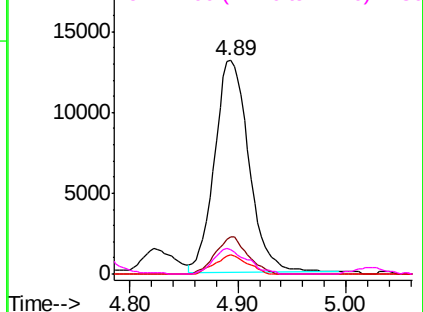


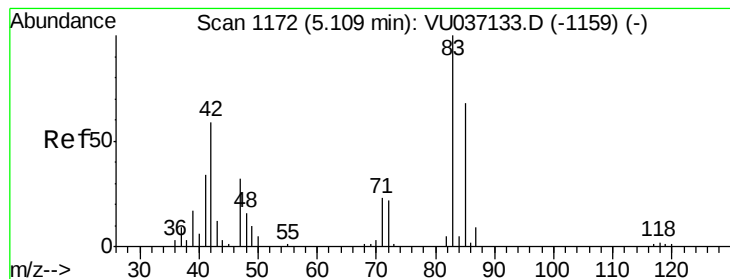
#40
Methyl acrylate
Concen: 10.977 ug/l
RT: 4.89 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VU037141.D
Acq: 09 Mar 2020 19:25

Tgt Ion: 55 Resp: 29164
Ion Ratio Lower Upper
55 100
85 16.2 14.7 22.1
58 8.3 7.1 10.7
42 11.8 6.9 10.3#



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





#41

Tetrahydrofuran

Concen: 20.810 ug/l

RT: 5.11 min Scan# 1172

Delta R.T. -0.00 min

Lab File: VU037141.D

Acq: 09 Mar 2020 19:25

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

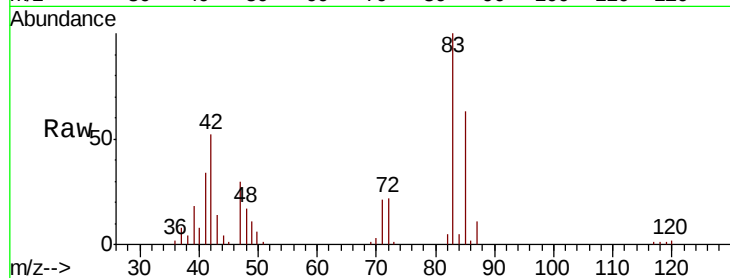
Tot Ion: 42 Resp: 19948

Ion Ratio Lower Upper

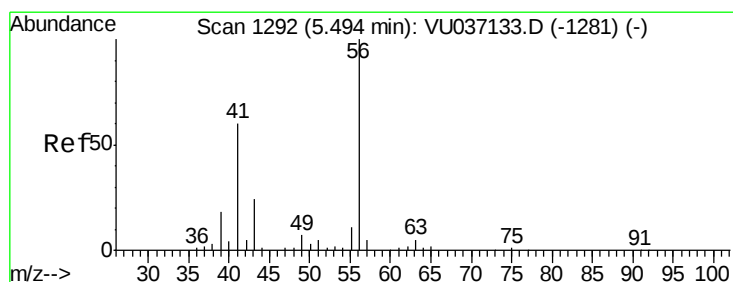
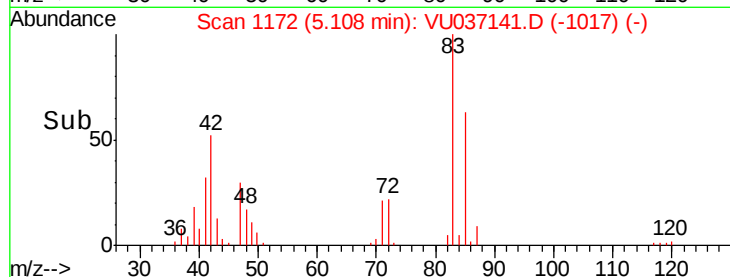
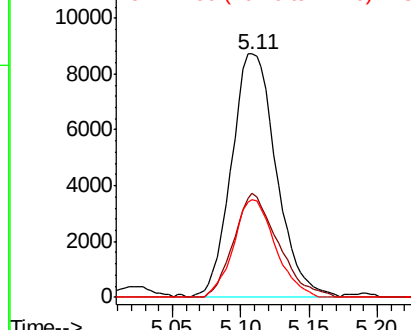
42 100

72 41.9 42.5 63.7#

71 37.3 37.3 55.9#



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



#42

1-Chlorobutane

Concen: 10.699 ug/l

RT: 5.49 min Scan# 1292

Delta R.T. -0.00 min

Lab File: VU037141.D

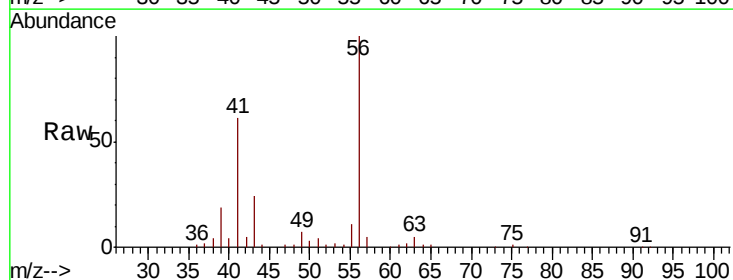
Acq: 09 Mar 2020 19:25

Tgt Ion: 56 Resp: 106639

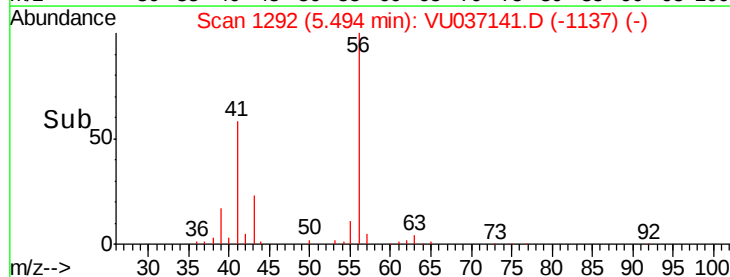
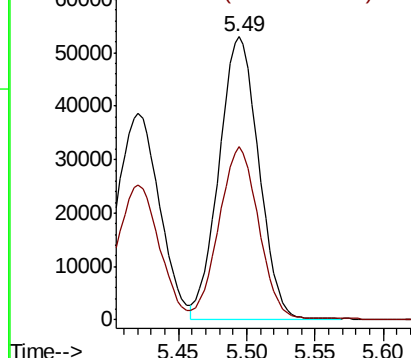
Ion Ratio Lower Upper

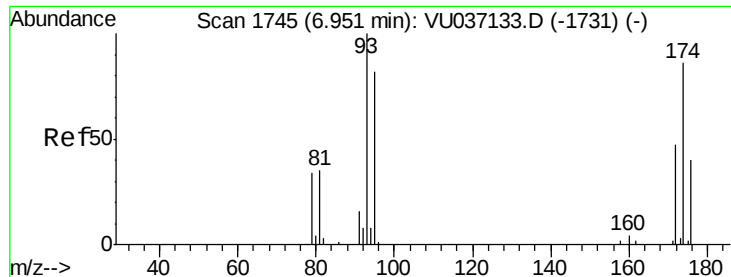
56 100

41 60.2 24.8 74.3



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





#43

Dibromomethane

Concen: 10.730 ug/l

RT: 6.95 min Scan# 1745

Delta R.T. -0.00 min

Lab File: VU037141.D

Acq: 09 Mar 2020 19:25

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

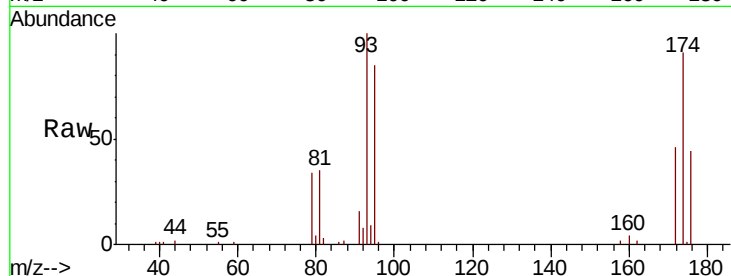
Tot Ion: 93 Resp: 29676

Ion Ratio Lower Upper

93 100

95 82.4 67.9 101.9

174 87.6 83.4 125.0

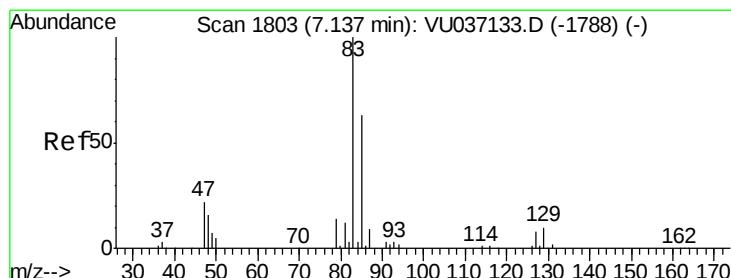
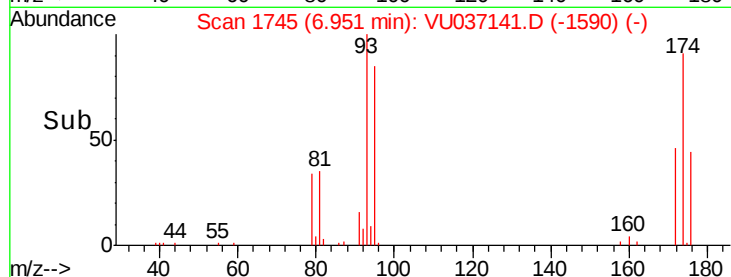
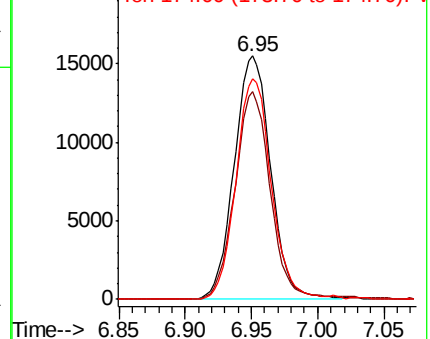


Abundance

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: 10.658 ug/l

RT: 7.14 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VU037141.D

Acq: 09 Mar 2020 19:25

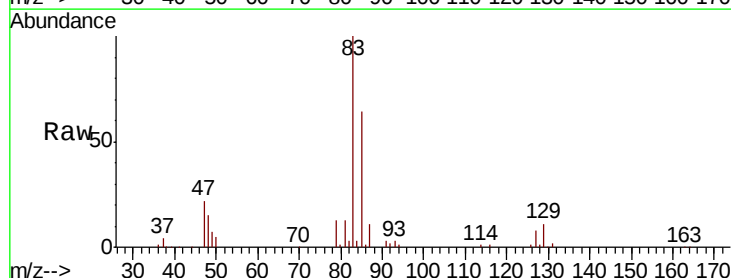
Tgt Ion: 83 Resp: 76745

Ion Ratio Lower Upper

83 100

85 63.8 51.8 77.6

127 7.8 6.8 10.2

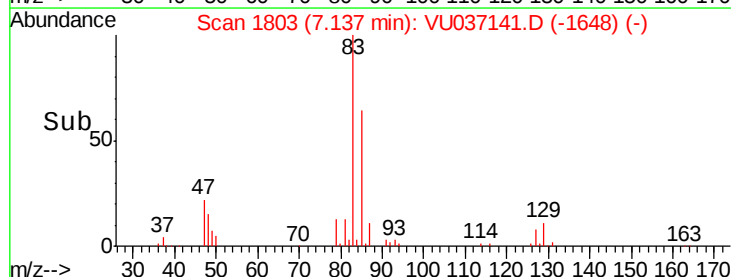
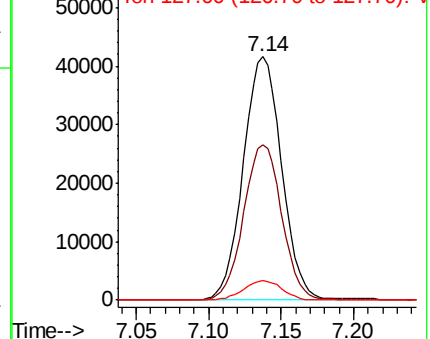


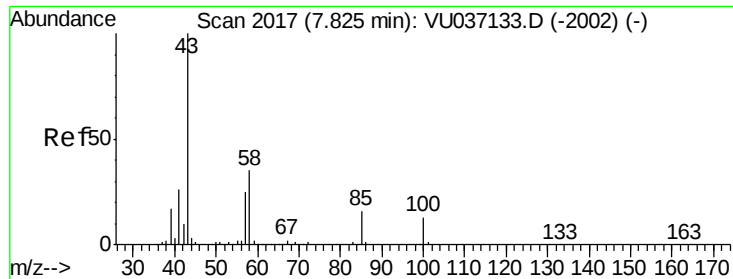
Abundance

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

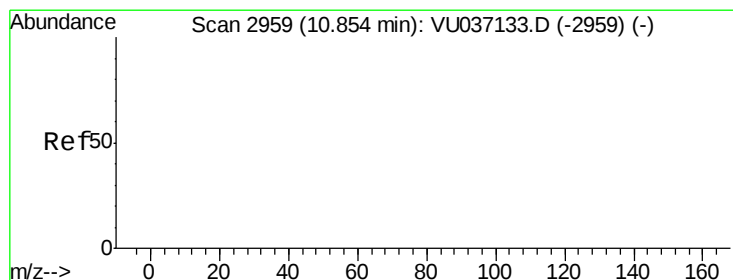
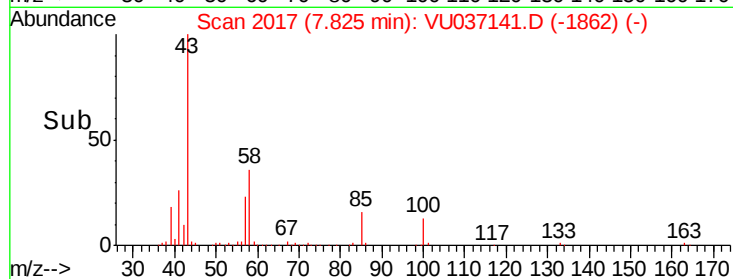
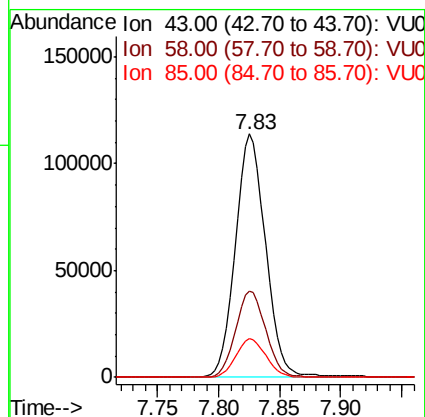
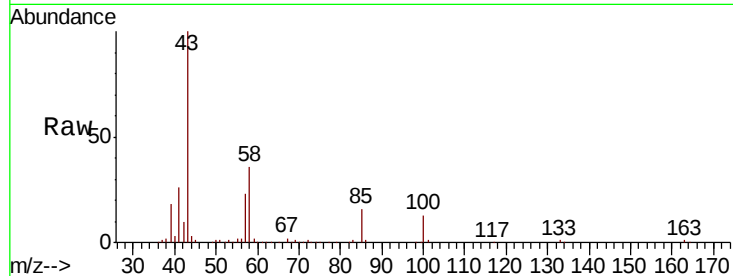




#45
4-Methyl-2-Pentanone
Concen: 52.746 ug/l
RT: 7.83 min Scan# 2017
Delta R.T. -0.00 min
Lab File: VU037141.D
Acq: 09 Mar 2020 19:25

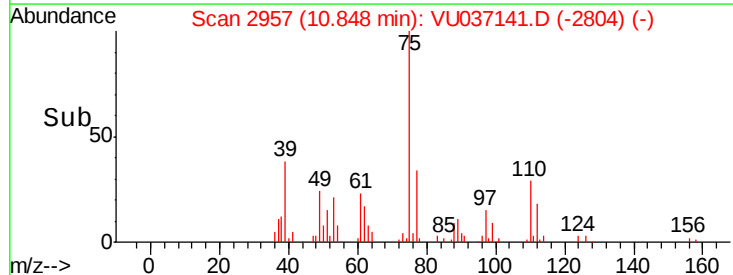
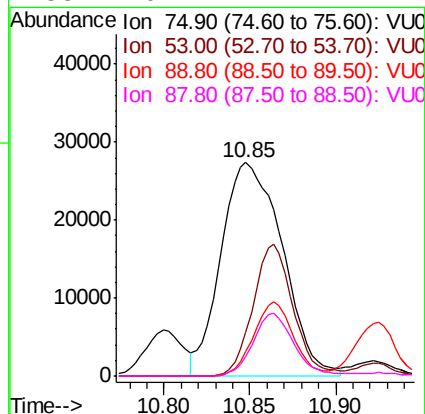
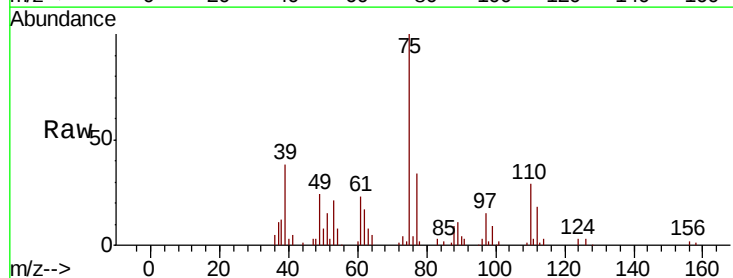
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

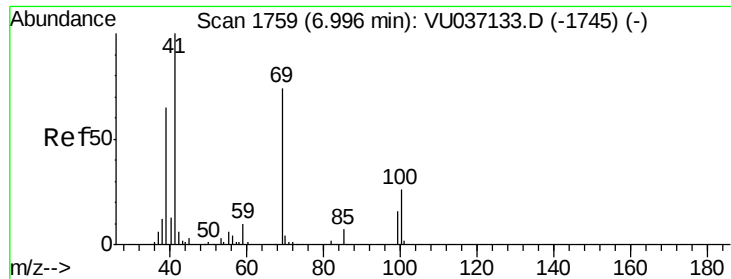
Tot Ion: 43 Resp: 195625
Ion Ratio Lower Upper
43 100
58 35.5 22.1 66.1
85 16.0 17.4 26.0#



#46
t-1,4-Dichloro-2-butene
Concen: 66.864 ug/l
RT: 10.85 min Scan# 2957
Delta R.T. -0.01 min
Lab File: VU037141.D
Acq: 09 Mar 2020 19:25

Tgt Ion: 75 Resp: 67876
Ion Ratio Lower Upper
75 100
53 40.4 52.2 78.2#
89 22.4 39.8 59.6#
88 19.4 27.4 41.2#

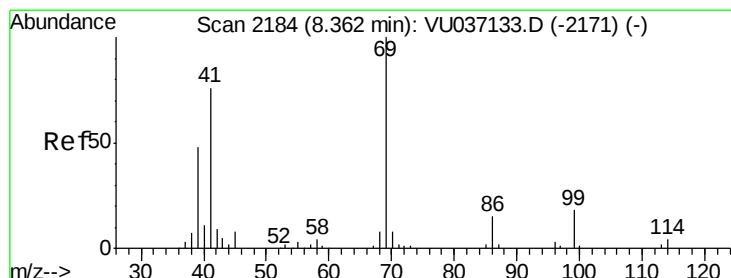
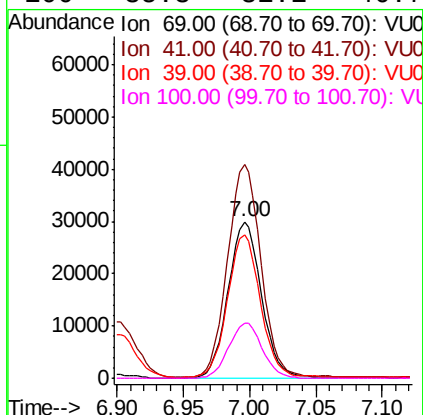
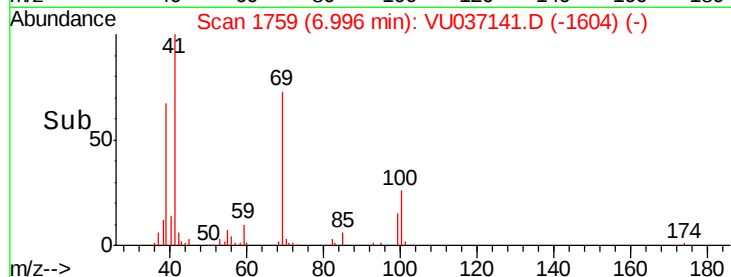
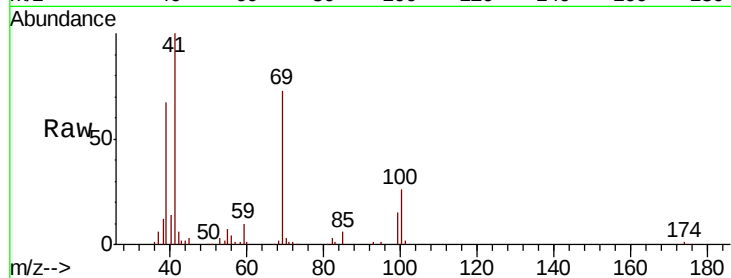




#47
Methyl methacrylate
Concen: 23.056 ug/l
RT: 7.00 min Scan# 1759
Delta R.T. -0.00 min
Lab File: VU037141.D
Acq: 09 Mar 2020 19:25

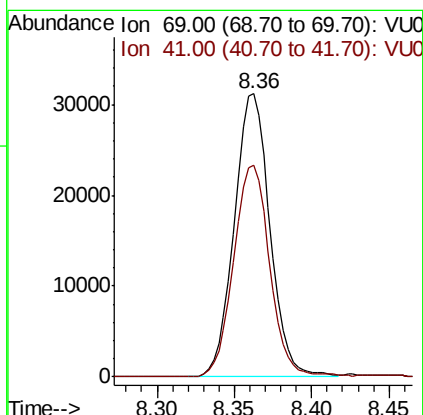
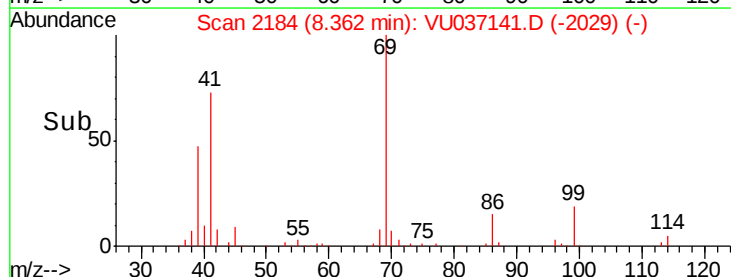
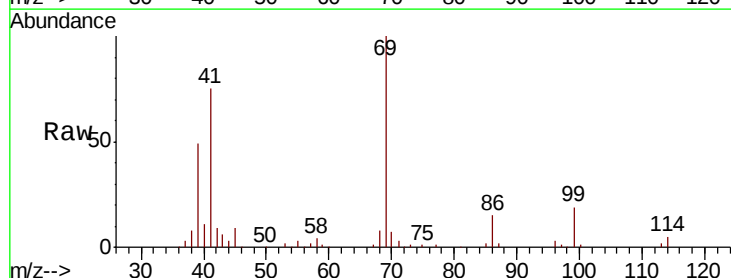
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

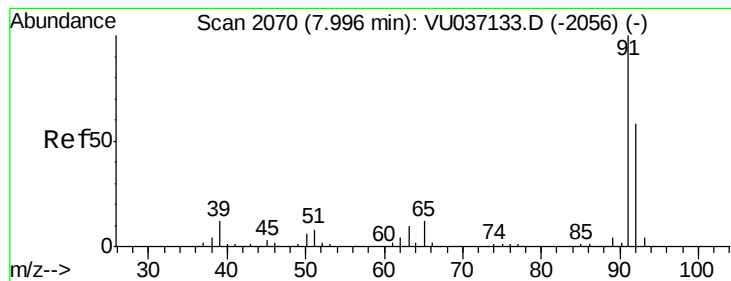
Tot Ion: 69 Resp: 52703
Ion Ratio Lower Upper
69 100
41 134.8 0.0 200.8
39 90.0 43.5 65.3#
100 35.3 31.1 46.7



#48
Ethyl methacrylate
Concen: 11.066 ug/l
RT: 8.36 min Scan# 2184
Delta R.T. -0.00 min
Lab File: VU037141.D
Acq: 09 Mar 2020 19:25

Tgt Ion: 69 Resp: 49976
Ion Ratio Lower Upper
69 100
41 75.9 27.9 83.6





#49

Toluene

Concen: 11.052 ug/l

RT: 8.00 min Scan# 2070

Delta R.T. -0.00 min

Lab File: VU037141.D

Acq: 09 Mar 2020 19:25

Instrument :

MSVOA_U

ClientSampleId :

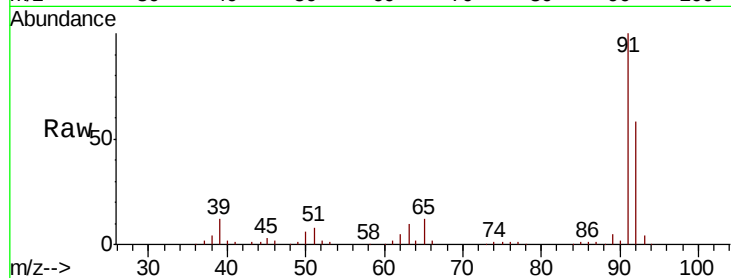
VSTDCCC010EC

Tot Ion: 92 Resp: 131198

Ion Ratio Lower Upper

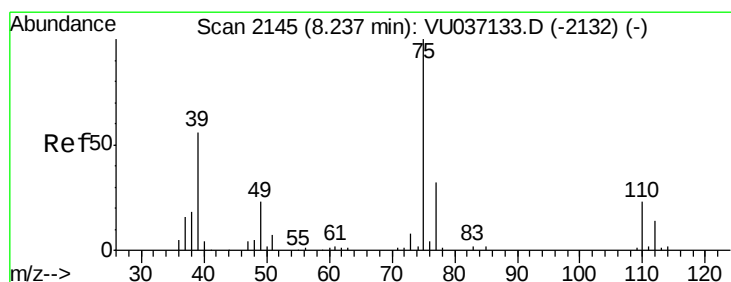
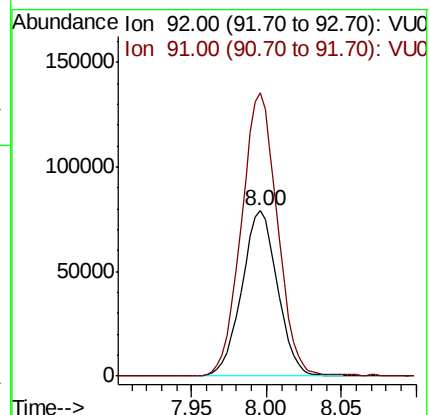
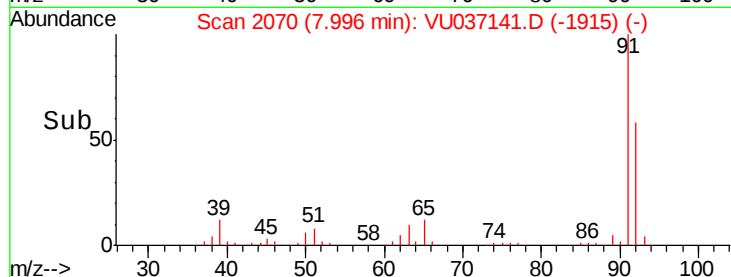
92 100

91 173.1 139.1 208.7



Abundance Ion 92.00 (91.70 to 92.70): VU037141.D (-1915) (-)

Ion 91.00 (90.70 to 91.70): VU037141.D (-1915) (-)



#50

t-1,3-Dichloropropene

Concen: 10.811 ug/l

RT: 8.24 min Scan# 2145

Delta R.T. -0.00 min

Lab File: VU037141.D

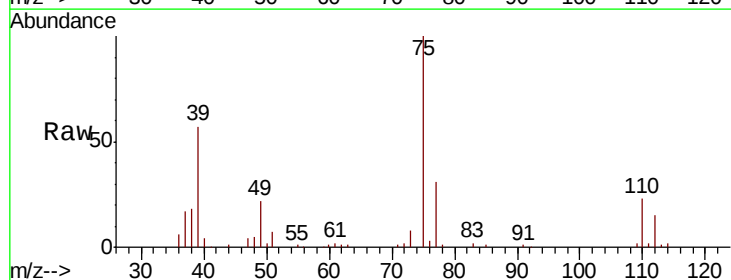
Acq: 09 Mar 2020 19:25

Tgt Ion: 75 Resp: 70128

Ion Ratio Lower Upper

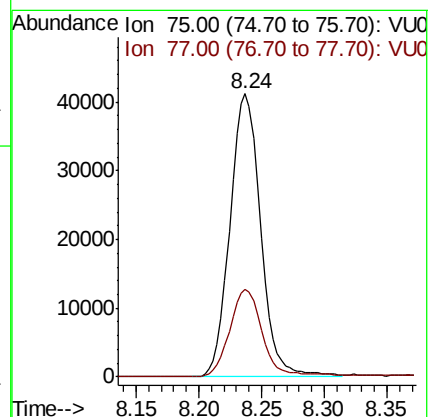
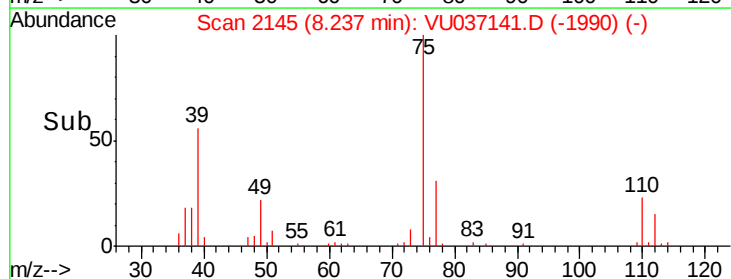
75 100

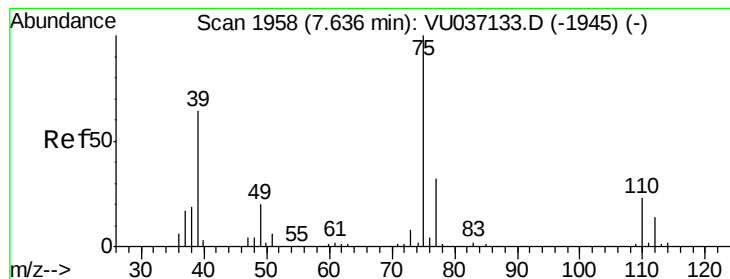
77 30.8 25.4 38.2



Abundance Ion 75.00 (74.70 to 75.70): VU037141.D (-1990) (-)

Ion 77.00 (76.70 to 77.70): VU037141.D (-1990) (-)





#51

cis-1,3-Dichloropropene

Concen: 10.477 ug/l

RT: 7.64 min Scan# 1958

Delta R.T. -0.00 min

Lab File: VU037141.D

Acq: 09 Mar 2020 19:25

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

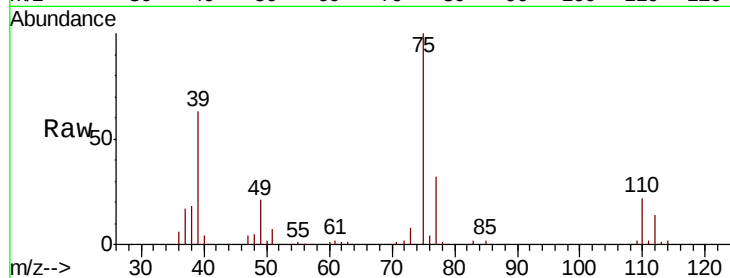
Tot Ion: 75 Resp: 77615

Ion Ratio Lower Upper

75 100

77 32.4 25.3 37.9

39 62.6 31.8 47.6#

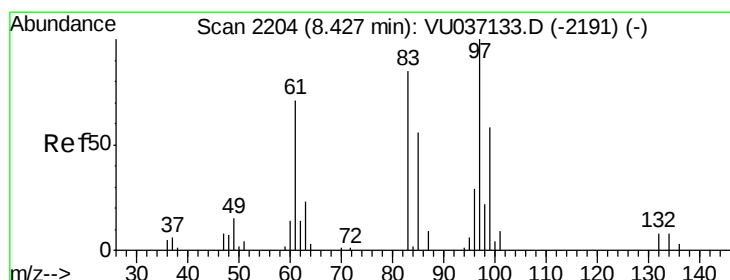
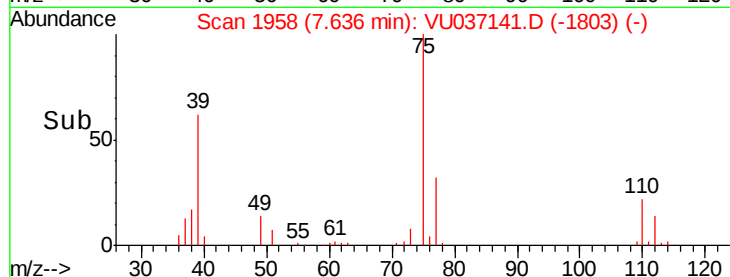
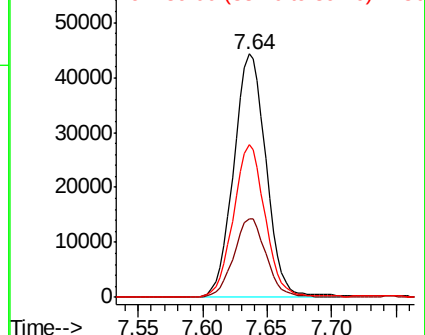


Abundance

Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

Ion 39.00 (38.70 to 39.70): VU0



#52

1,1,2-Trichloroethane

Concen: 10.622 ug/l

RT: 8.43 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VU037141.D

Acq: 09 Mar 2020 19:25

Tgt Ion: 97 Resp: 39192

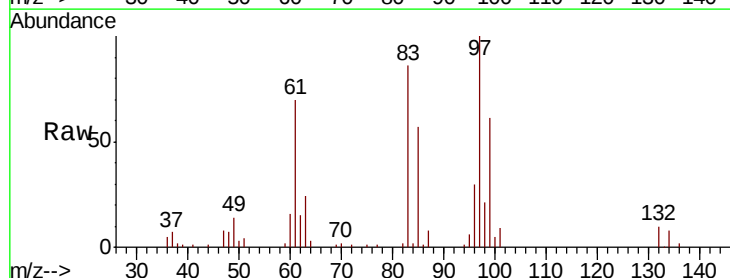
Ion Ratio Lower Upper

97 100

83 86.0 70.9 106.3

85 57.0 45.6 68.4

99 60.8 51.0 76.4



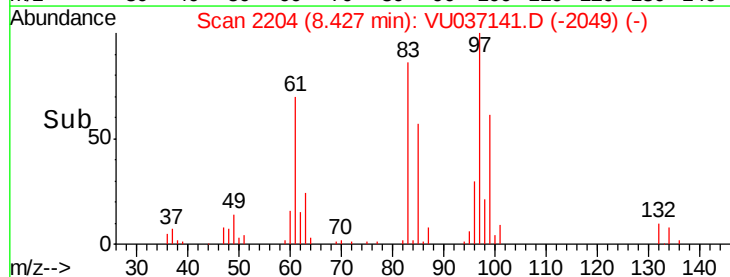
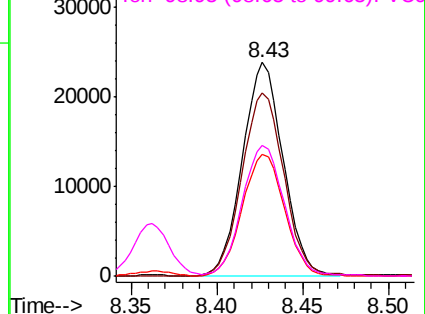
Abundance

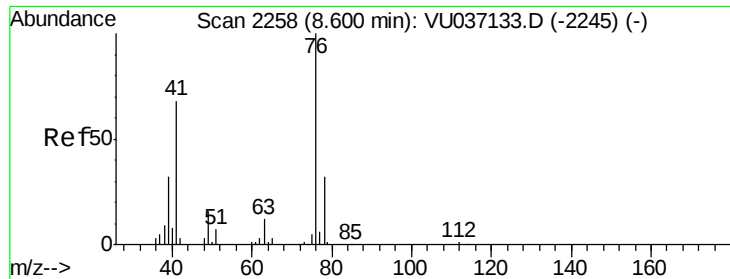
Ion 97.00 (96.70 to 97.70): VU0

Ion 82.95 (82.65 to 83.65): VU0

Ion 84.95 (84.65 to 85.65): VU0

Ion 98.95 (98.65 to 99.65): VU0





#53

1,3-Dichloropropane

Concen: 10.503 ug/l

RT: 8.60 min Scan# 2258

Delta R.T. -0.00 min

Lab File: VU037141.D

Acq: 09 Mar 2020 19:25

Instrument :

MSVOA_U

ClientSampleId :

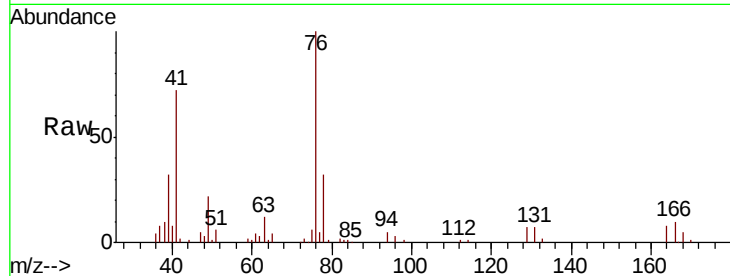
VSTDCCC010EC

Tot Ion: 76 Resp: 68741

Ion Ratio Lower Upper

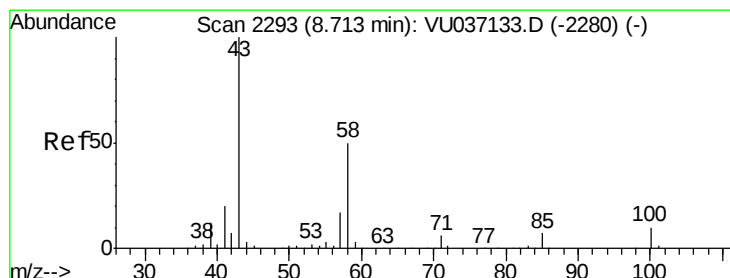
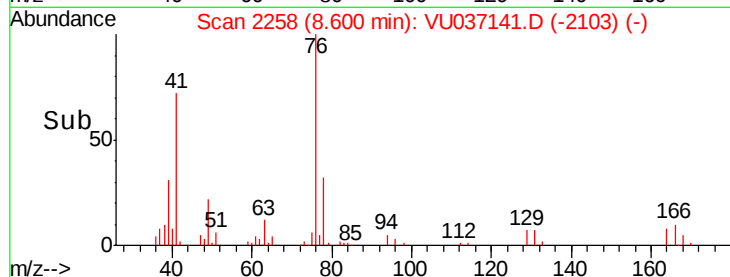
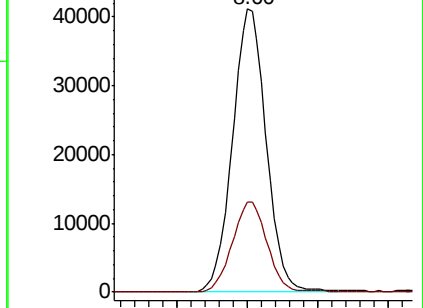
76 100

78 32.6 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: 54.915 ug/l

RT: 8.71 min Scan# 2293

Delta R.T. -0.00 min

Lab File: VU037141.D

Acq: 09 Mar 2020 19:25

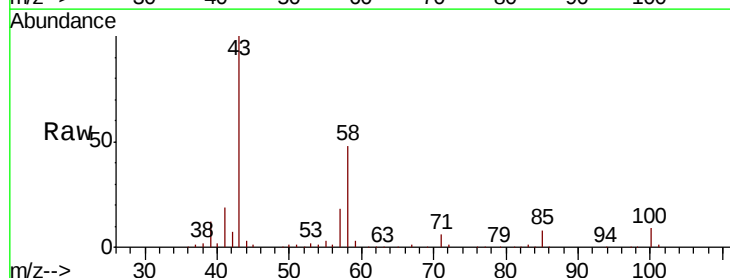
Tgt Ion: 43 Resp: 140309

Ion Ratio Lower Upper

43 100

58 48.0 40.6 80.6

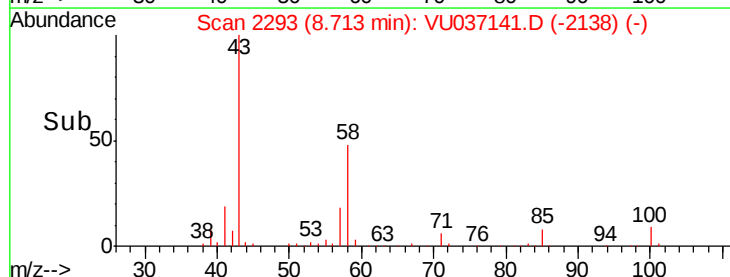
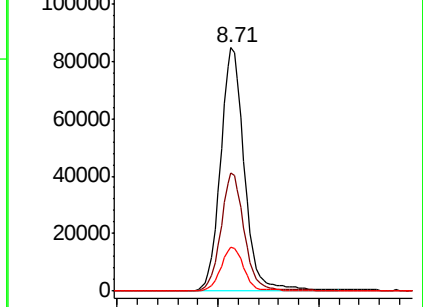
57 17.7 1.2 41.2

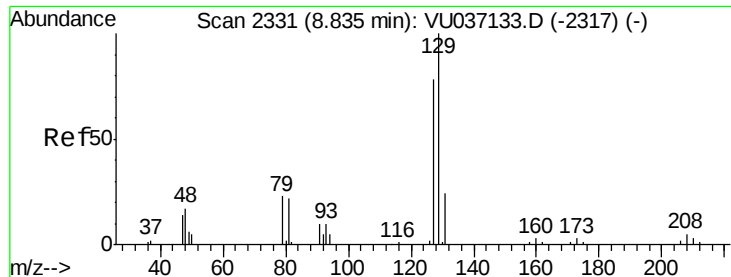


Abundance Ion 43.00 (42.70 to 43.70): VU037133.D (-2280) (-)

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: 10.756 ug/l

RT: 8.83 min Scan# 2331

Delta R.T. -0.00 min

Lab File: VU037141.D

Acq: 09 Mar 2020 19:25

Instrument :

MSVOA_U

ClientSampleId :

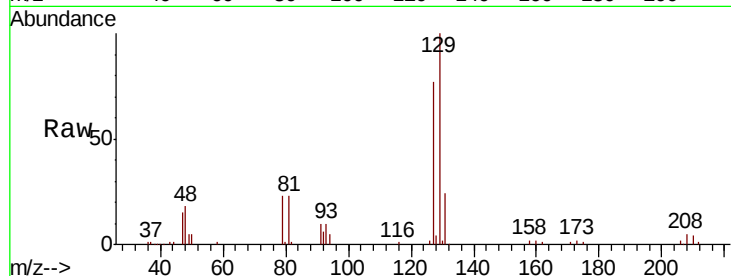
VSTDCCC010EC

Tot Ion:129 Resp: 49128

Ion Ratio Lower Upper

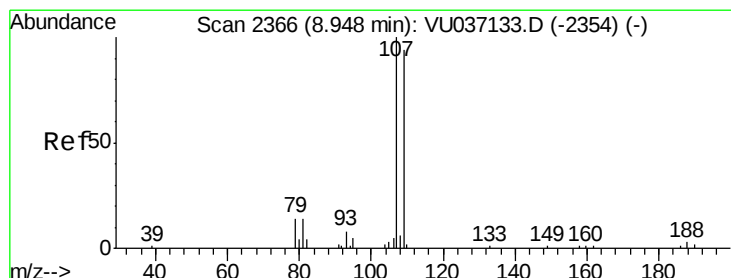
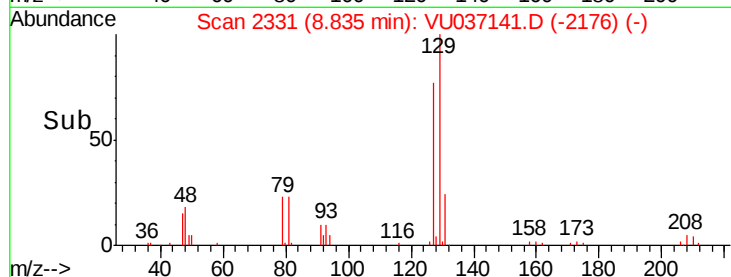
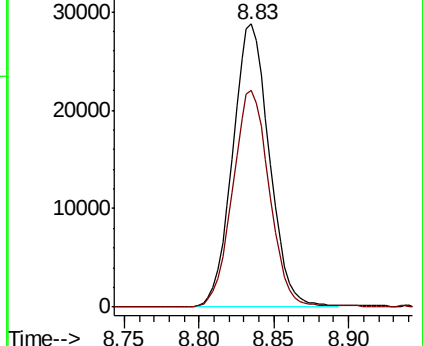
129 100

127 76.7 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: 11.113 ug/l

RT: 8.95 min Scan# 2366

Delta R.T. -0.00 min

Lab File: VU037141.D

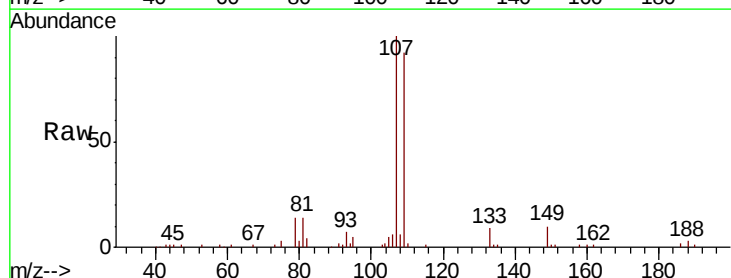
Acq: 09 Mar 2020 19:25

Tgt Ion:107 Resp: 38833

Ion Ratio Lower Upper

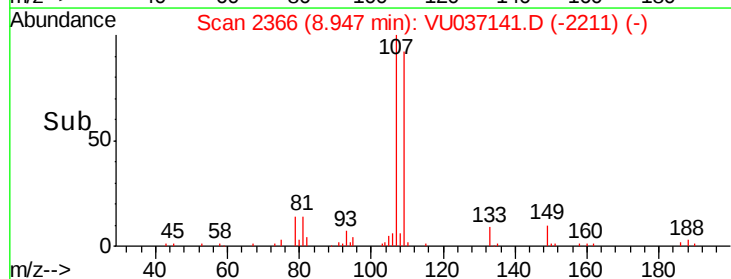
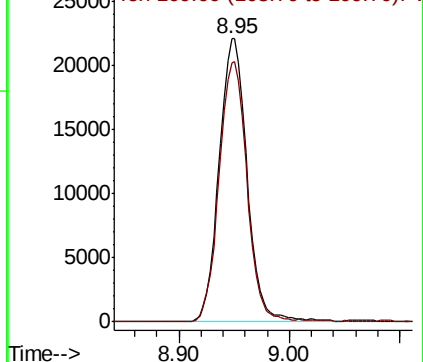
107 100

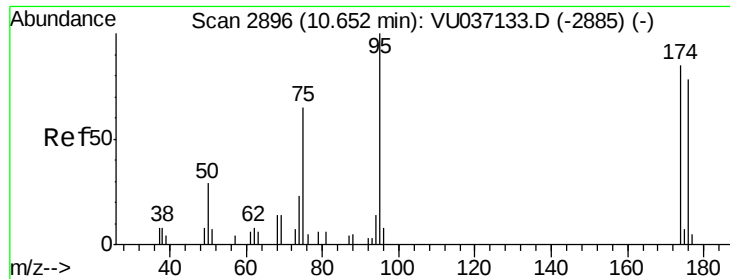
109 91.5 0.0 190.8



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

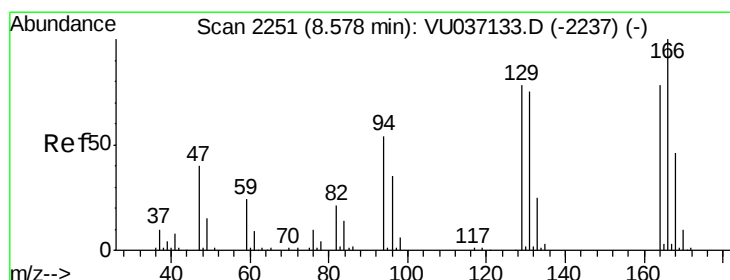
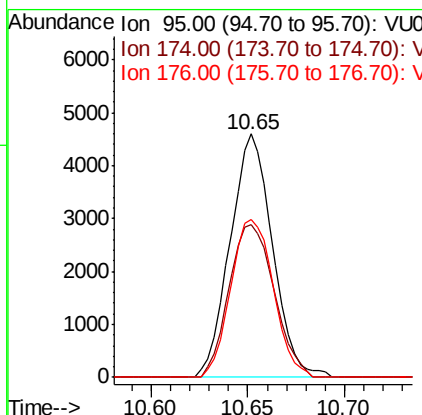
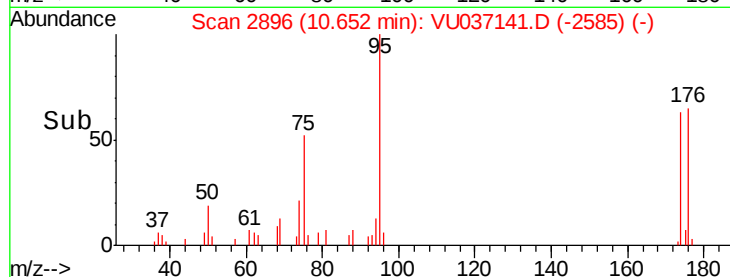
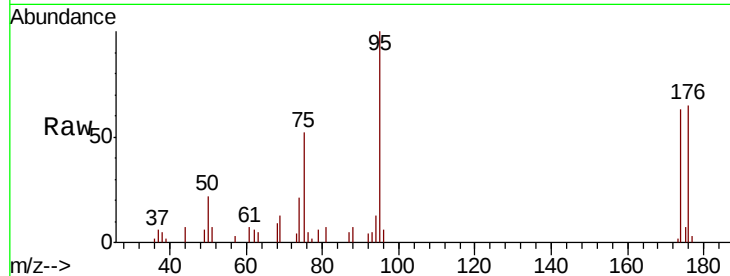




#57
4-Bromofluorobenzene
Concen: 1.114 ug/l
RT: 10.65 min Scan# 2896
Delta R.T. -0.00 min
Lab File: VU037141.D
Acq: 09 Mar 2020 19:25

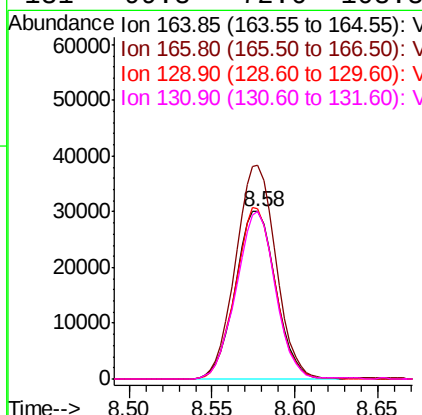
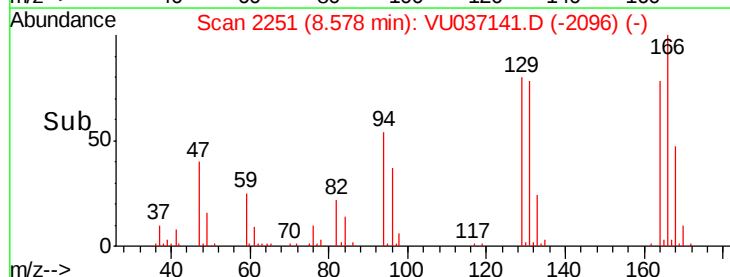
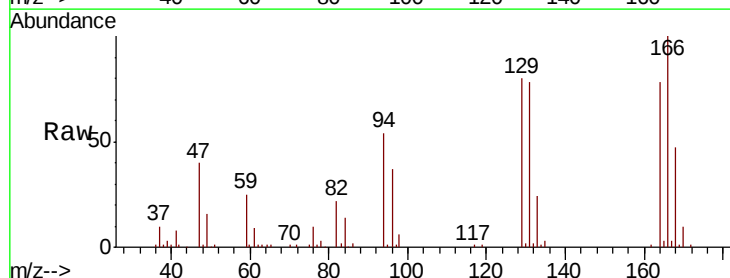
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

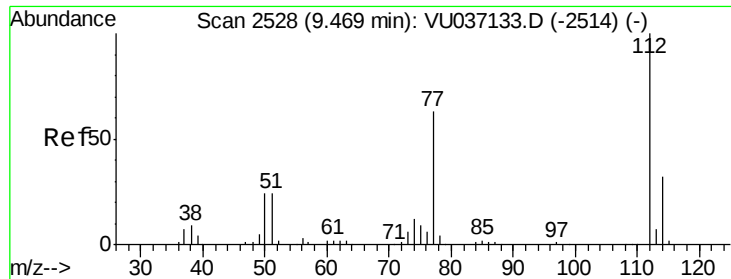
Tot Ion: 95 Resp: 7024
Ion Ratio Lower Upper
95 100
174 66.6 64.7 97.1
176 65.1 60.6 91.0



#58
Tetrachloroethene
Concen: 10.557 ug/l
RT: 8.58 min Scan# 2251
Delta R.T. -0.00 min
Lab File: VU037141.D
Acq: 09 Mar 2020 19:25

Tgt Ion: 164 Resp: 51110
Ion Ratio Lower Upper
164 100
166 127.5 102.0 153.0
129 101.5 74.9 112.3
131 99.8 72.6 108.8





#59

Chlorobenzene

Concen: 10.427 ug/l

RT: 9.47 min Scan# 2528

Delta R.T. -0.00 min

Lab File: VU037141.D

Acq: 09 Mar 2020 19:25

Instrument :

MSVOA_U

ClientSampleId :

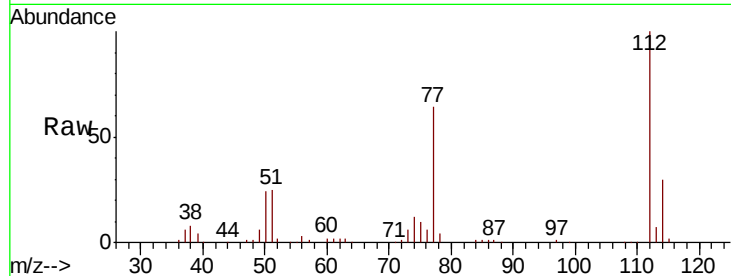
VSTDCCC010EC

Tot Ion:112 Resp: 138152

Ion Ratio Lower Upper

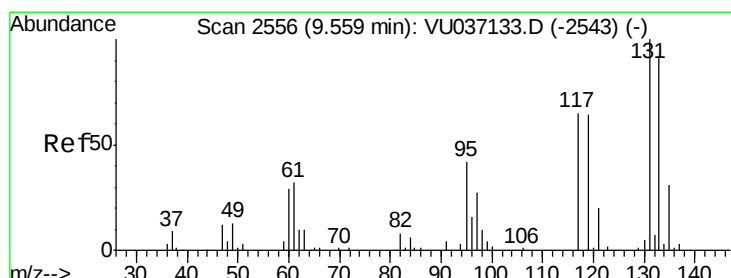
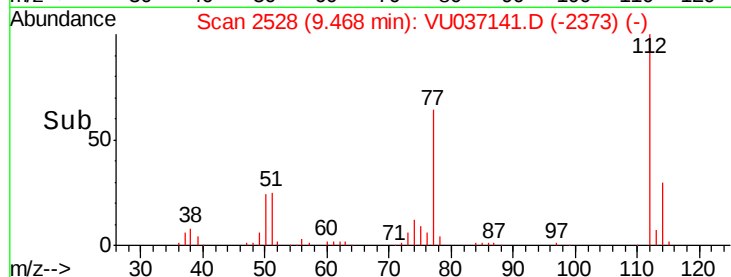
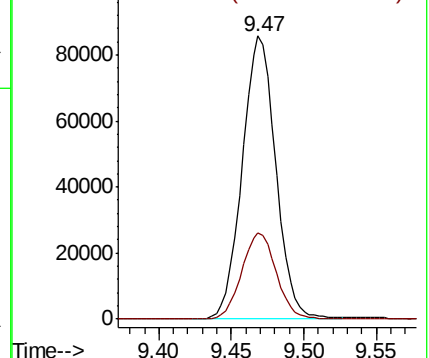
112 100

114 30.4 25.8 38.8



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V



#60

1,1,1,2-Tetrachloroethane

Concen: 10.351 ug/l

RT: 9.56 min Scan# 2555

Delta R.T. -0.00 min

Lab File: VU037141.D

Acq: 09 Mar 2020 19:25

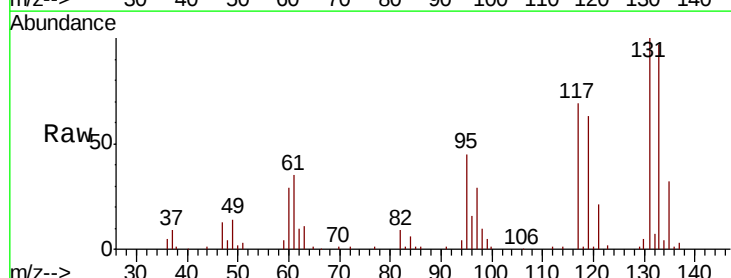
Tgt Ion:131 Resp: 50203

Ion Ratio Lower Upper

131 100

133 99.5 76.4 114.6

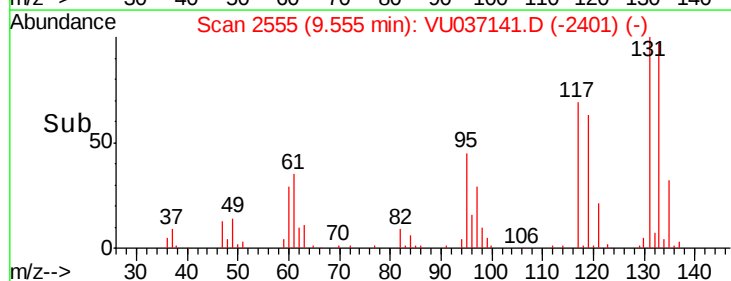
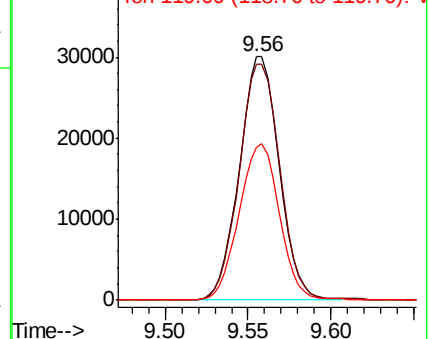
119 65.1 56.6 85.0

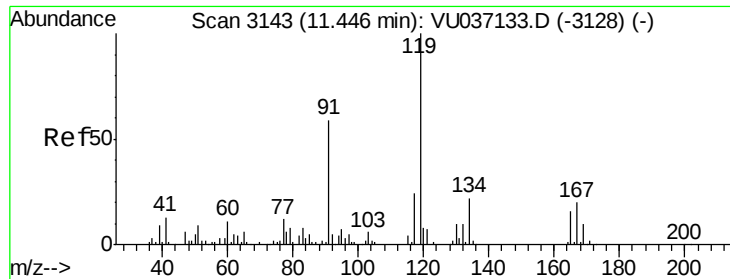


Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V

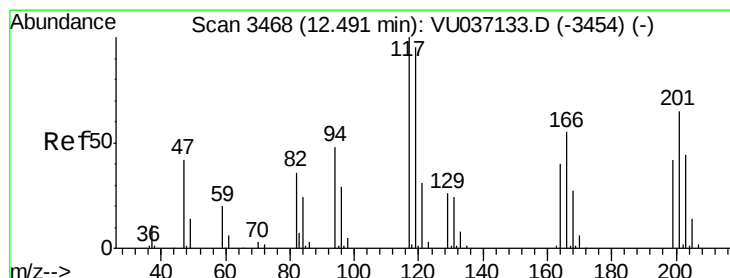
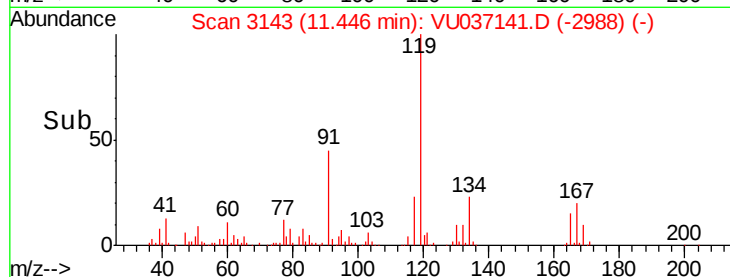
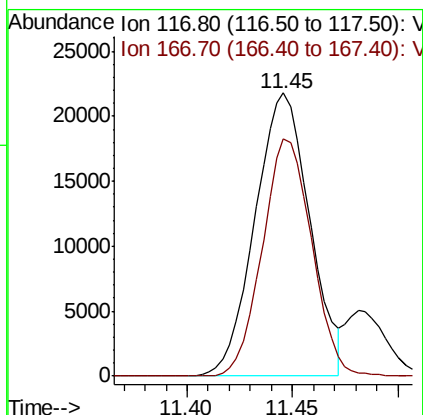
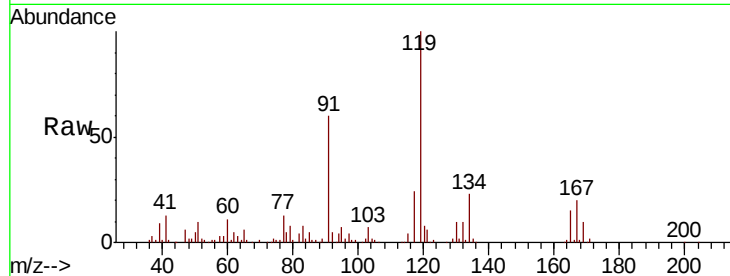




#61
 Pentachloroethane
 Concen: 10.620 ug/l
 RT: 11.45 min Scan# 3143
 Delta R.T. -0.00 min
 Lab File: VU037141.D
 Acq: 09 Mar 2020 19:25

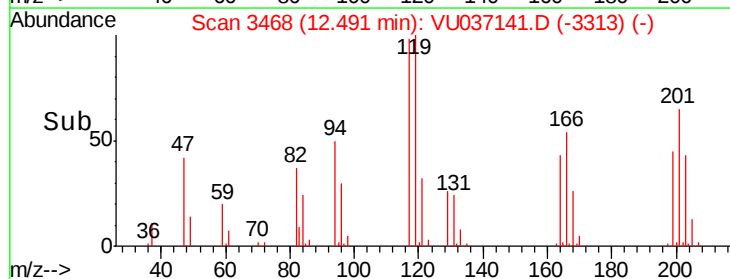
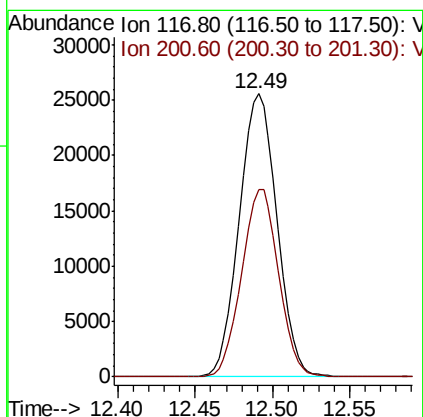
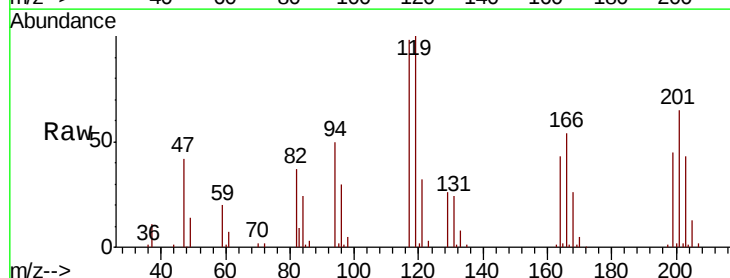
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

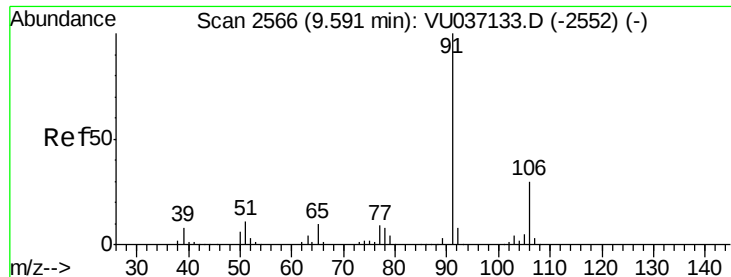
Tot Ion:117 Resp: 39294
 Ion Ratio Lower Upper
 117 100
 167 75.7 66.7 100.1



#62
 Hexachloroethane
 Concen: 10.965 ug/l
 RT: 12.49 min Scan# 3468
 Delta R.T. -0.00 min
 Lab File: VU037141.D
 Acq: 09 Mar 2020 19:25

Tgt Ion:117 Resp: 43431
 Ion Ratio Lower Upper
 117 100
 201 65.0 65.0 97.4

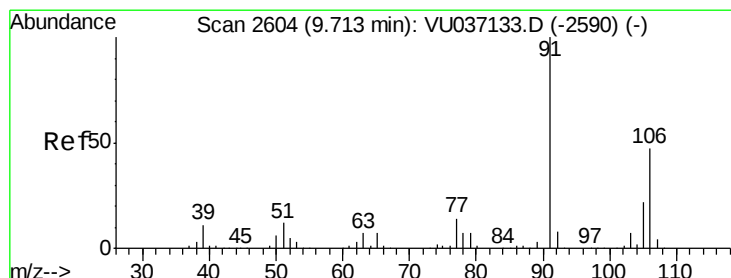
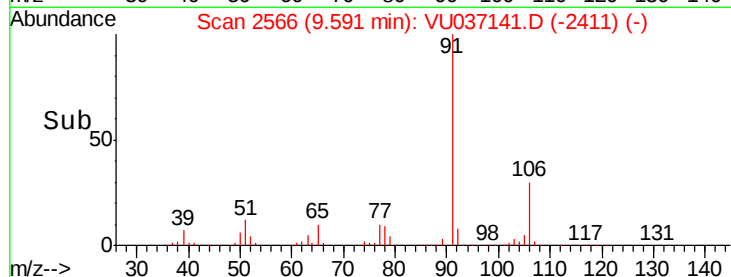
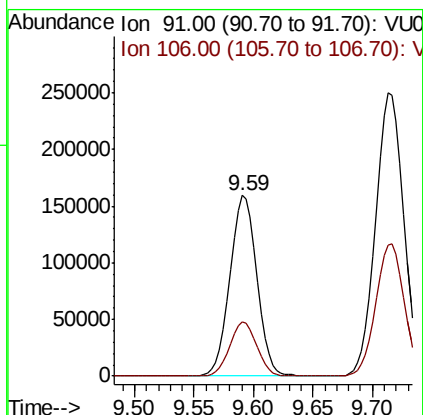
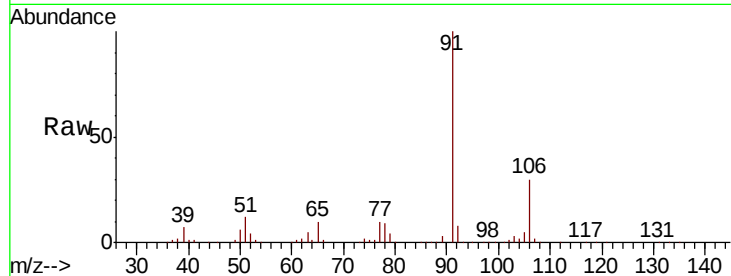




#63
Ethyl Benzene
Concen: 11.133 ug/l
RT: 9.59 min Scan# 2566
Delta R.T. -0.00 min
Lab File: VU037141.D
Acq: 09 Mar 2020 19:25

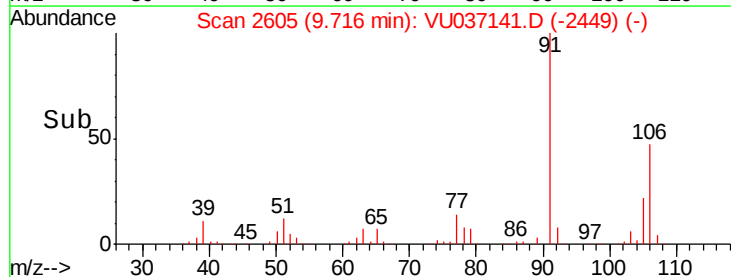
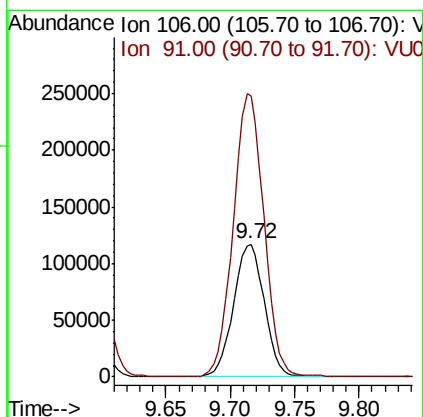
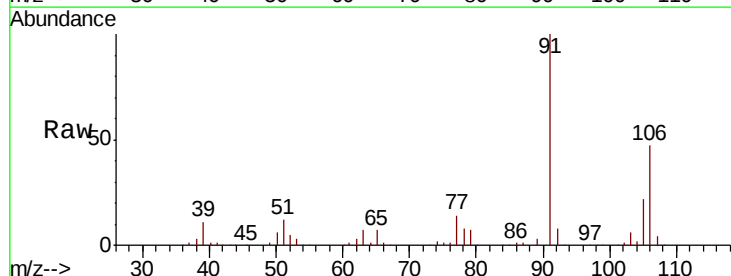
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

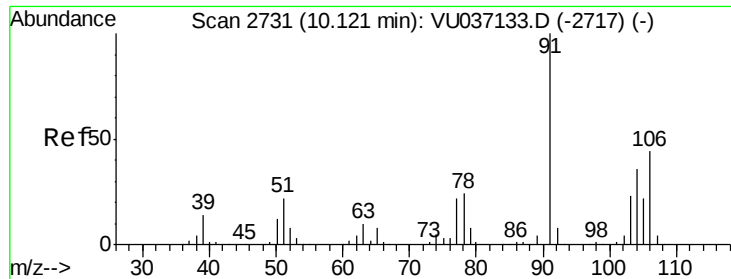
Tot Ion: 91 Resp: 251793
Ion Ratio Lower Upper
91 100
106 30.1 26.0 39.0



#64
m/p-Xylenes
Concen: 22.625 ug/l
RT: 9.72 min Scan# 2605
Delta R.T. 0.00 min
Lab File: VU037141.D
Acq: 09 Mar 2020 19:25

Tgt Ion: 106 Resp: 193714
Ion Ratio Lower Upper
106 100
91 212.5 158.2 237.4

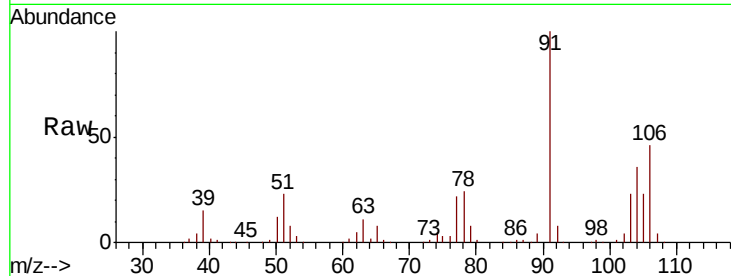




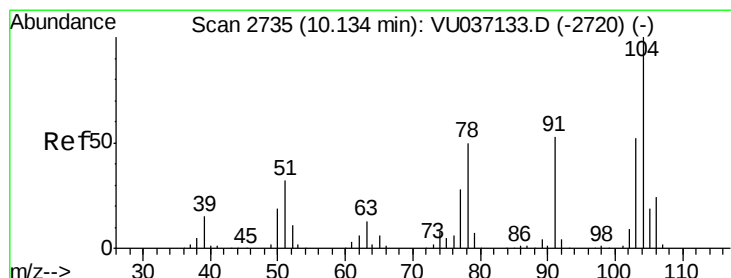
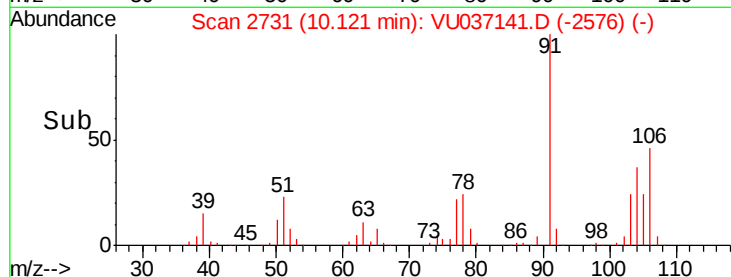
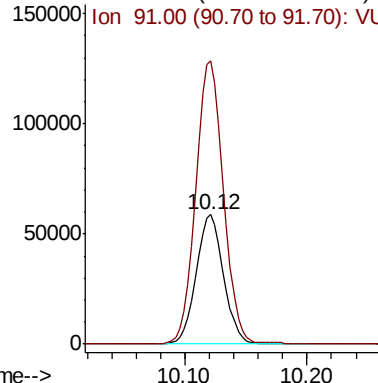
#65
o-Xylene
Concen: 11.191 ug/l
RT: 10.12 min Scan# 2731
Delta R.T. -0.00 min
Lab File: VU037141.D
Acq: 09 Mar 2020 19:25

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tot Ion:106 Resp: 92453
Ion Ratio Lower Upper
106 100
91 222.0 104.3 312.9

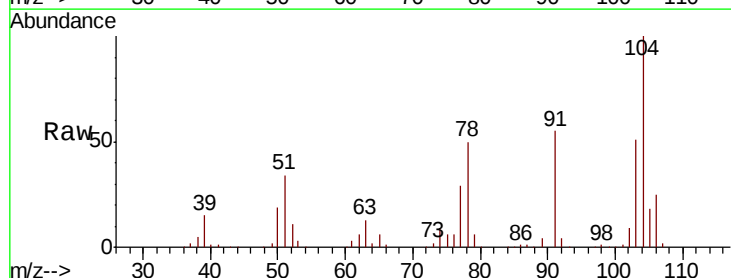


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

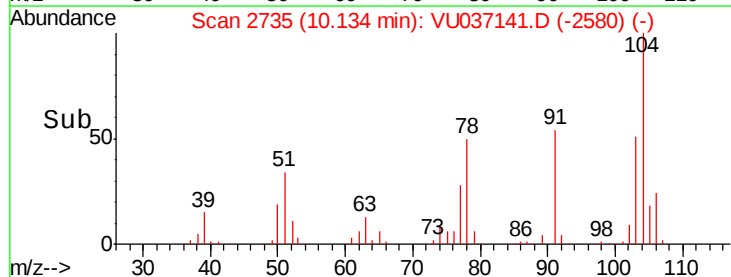
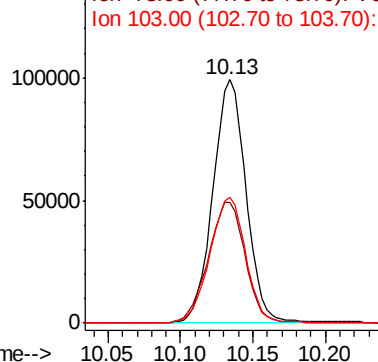


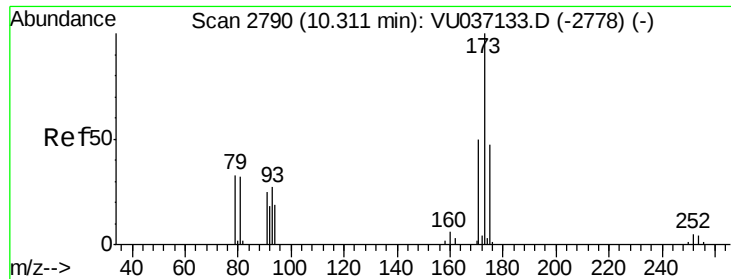
#66
Styrene
Concen: 11.703 ug/l
RT: 10.13 min Scan# 2735
Delta R.T. -0.00 min
Lab File: VU037141.D
Acq: 09 Mar 2020 19:25

Tgt Ion:104 Resp: 158245
Ion Ratio Lower Upper
104 100
78 55.6 38.6 57.8
103 55.9 44.4 66.6



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





#67

Bromoform

Concen: 11.209 ug/l

RT: 10.31 min Scan# 2790

Delta R.T. -0.00 min

Lab File: VU037141.D

Acq: 09 Mar 2020 19:25

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

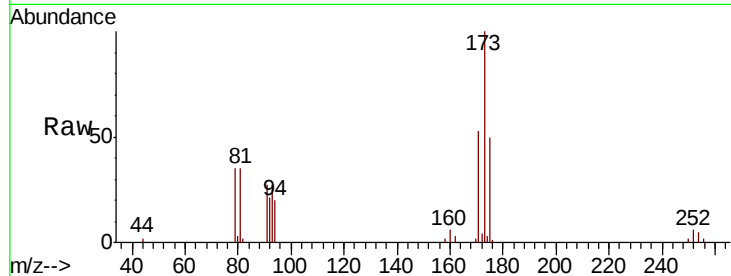
Tot Ion:173 Resp: 27022

Ion Ratio Lower Upper

173 100

175 47.7 38.3 57.5

254 4.9 6.6 9.8#

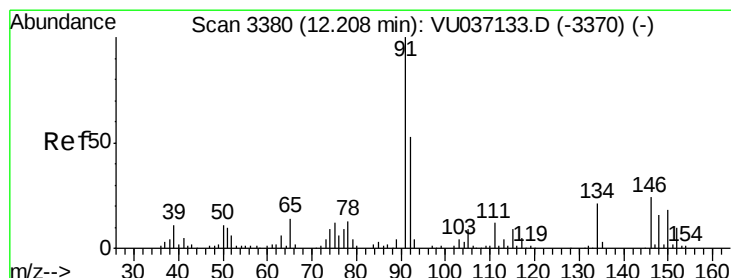
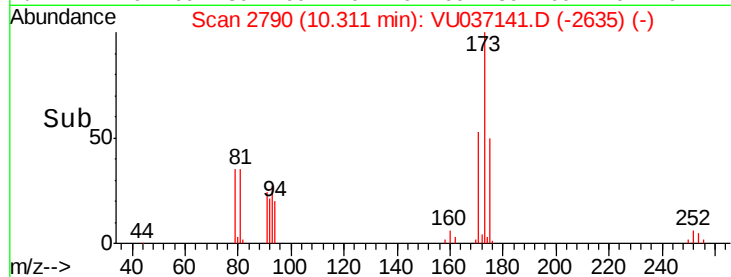
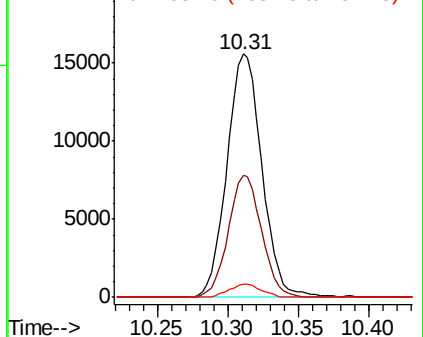


Abundance

Ion 172.90 (172.60 to 173.60): V

Ion 174.90 (174.60 to 175.60): V

Ion 253.75 (253.45 to 254.45): V



#68

1,2-Dichlorobenzene-d4

Concen: 1.070 ug/l

RT: 12.21 min Scan# 3381

Delta R.T. 0.00 min

Lab File: VU037141.D

Acq: 09 Mar 2020 19:25

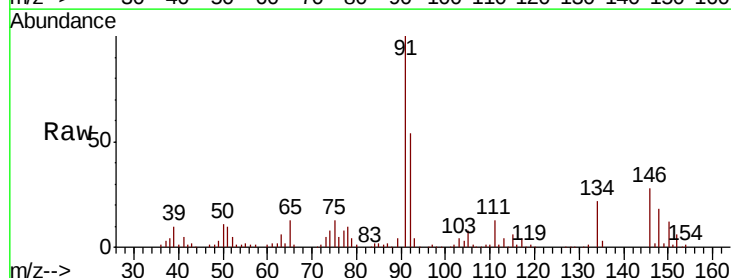
Tgt Ion:152 Resp: 6873

Ion Ratio Lower Upper

152 100

115 135.3 0.0 241.8

150 312.0 0.0 652.4

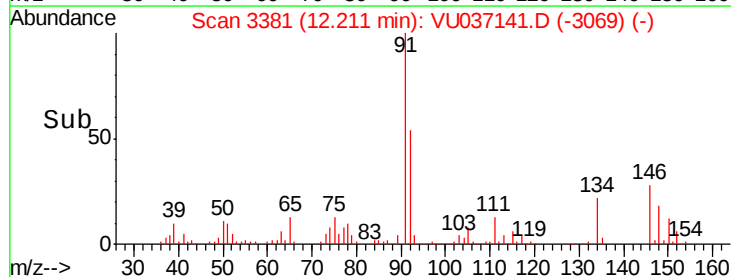
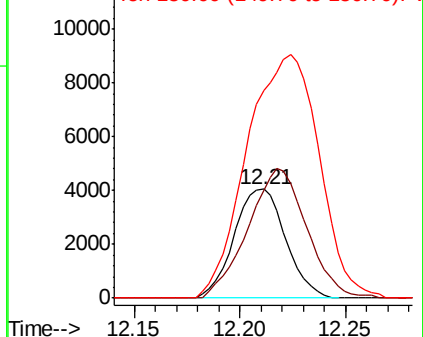


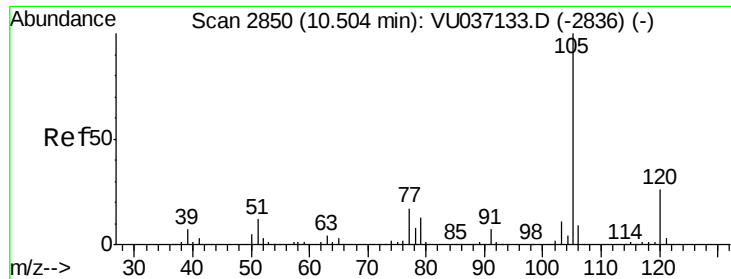
Abundance

Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V





#69

Isopropylbenzene

Concen: 11.131 ug/l

RT: 10.50 min Scan# 2850

Delta R.T. -0.00 min

Lab File: VU037141.D

Acq: 09 Mar 2020 19:25

Instrument :

MSVOA_U

ClientSampleId :

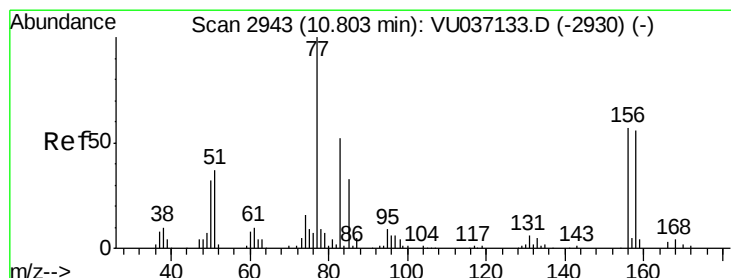
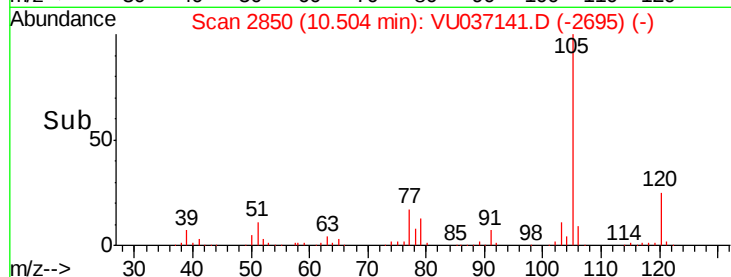
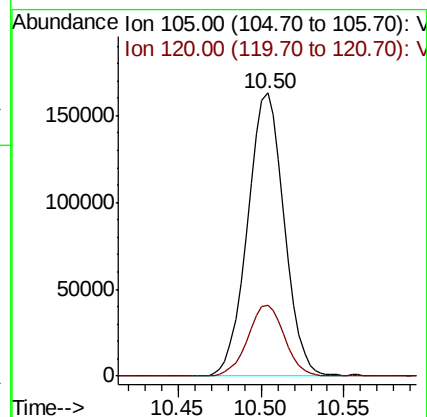
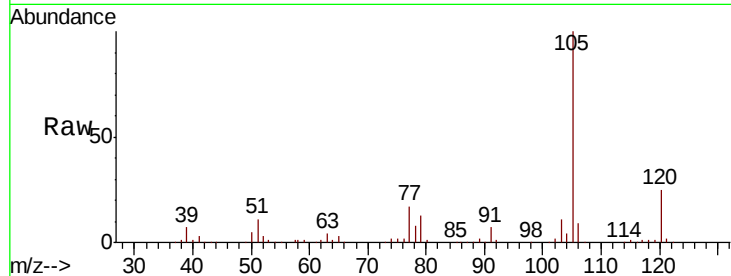
VSTDCCC010EC

Tot Ion:105 Resp: 250660

Ion Ratio Lower Upper

105 100

120 25.3 13.6 40.7



#70

1,1,2,2-Tetrachloroethane

Concen: 10.629 ug/l

RT: 10.80 min Scan# 2943

Delta R.T. -0.00 min

Lab File: VU037141.D

Acq: 09 Mar 2020 19:25

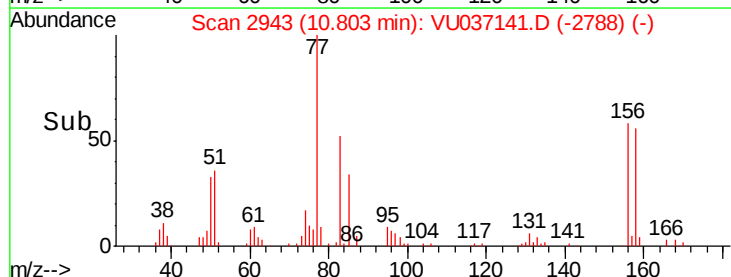
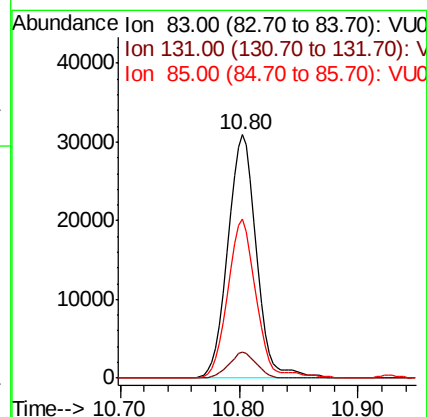
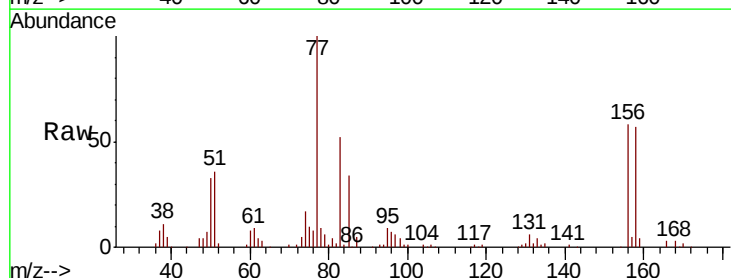
Tgt Ion: 83 Resp: 51585

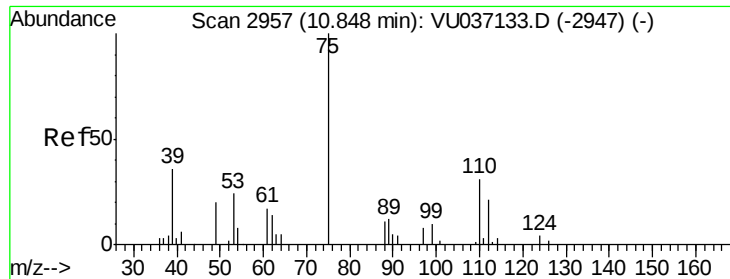
Ion Ratio Lower Upper

83 100

131 10.1 7.8 11.8

85 64.8 53.2 79.8

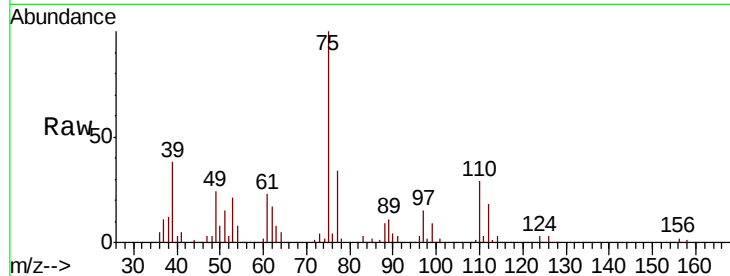




#71
 1,2,3-Trichloropropane
 Concen: 17.107 ug/l
 RT: 10.85 min Scan# 2957
 Delta R.T. -0.00 min
 Lab File: VU037141.D
 Acq: 09 Mar 2020 19:25

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Tot Ion:	75	Resp:	67876
Ion	Ratio	Lower	Upper
75	100		
77	31.3	0.0	129.6
110	20.7	0.0	77.4
97	10.9	0.0	42.0



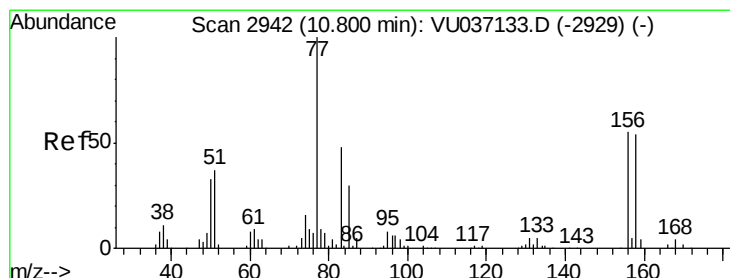
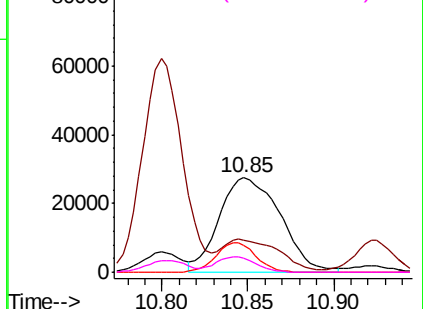
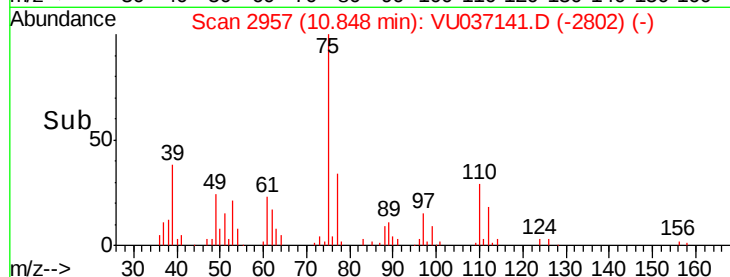
Abundance

Ion 75.00 (74.70 to 75.70): VU037141.D (-2802) (-)

Ion 77.00 (76.70 to 77.70): VU037141.D (-2802) (-)

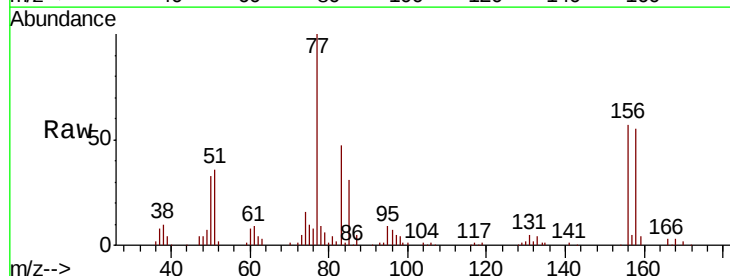
Ion 110.00 (109.70 to 110.70): VU037141.D (-2802) (-)

Ion 97.00 (96.70 to 97.70): VU037141.D (-2802) (-)



#72
 Bromobenzene
 Concen: 10.453 ug/l
 RT: 10.80 min Scan# 2942
 Delta R.T. -0.00 min
 Lab File: VU037141.D
 Acq: 09 Mar 2020 19:25

Tgt Ion:	156	Resp:	56960
Ion	Ratio	Lower	Upper
156	100		
77	176.7	0.0	306.6
158	97.1	0.0	192.0

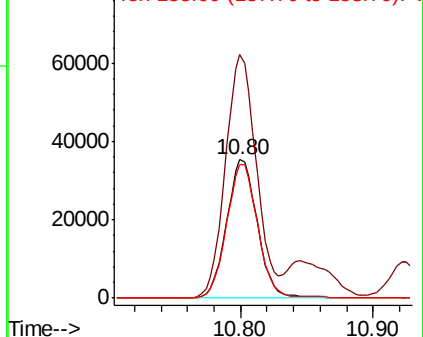
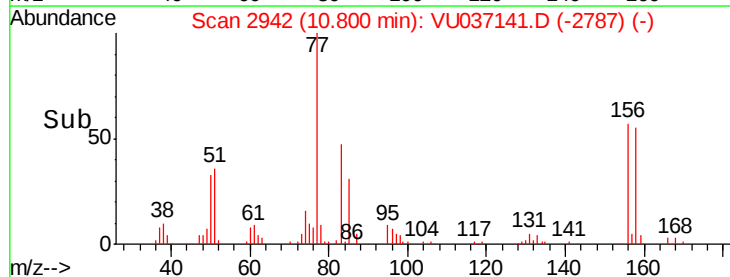


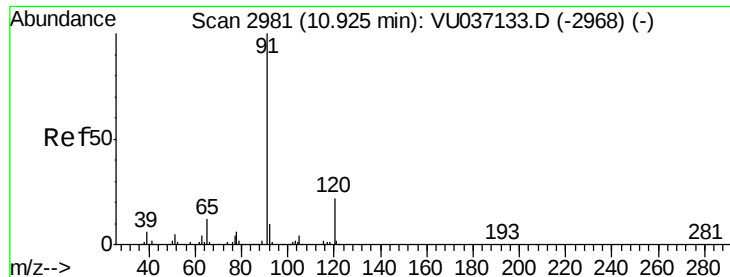
Abundance

Ion 156.00 (155.70 to 156.70): VU037141.D (-2787) (-)

Ion 77.00 (76.70 to 77.70): VU037141.D (-2787) (-)

Ion 158.00 (157.70 to 158.70): VU037141.D (-2787) (-)





#73

n-propylbenzene

Concen: 11.502 ug/l

RT: 10.92 min Scan# 2981

Delta R.T. -0.00 min

Lab File: VU037141.D

Acq: 09 Mar 2020 19:25

Instrument :

MSVOA_U

ClientSampleId :

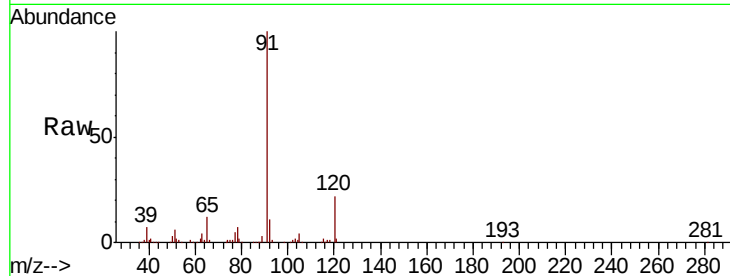
VSTDCCC010EC

Tot Ion:120 Resp: 68660

Ion Ratio Lower Upper

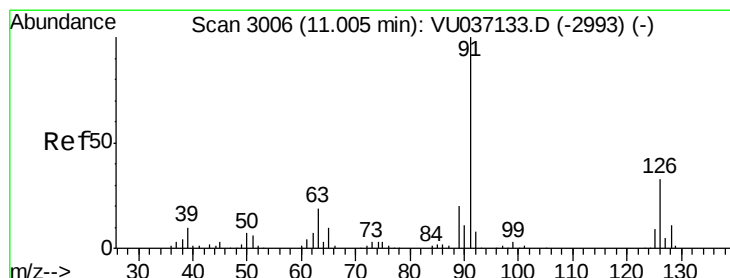
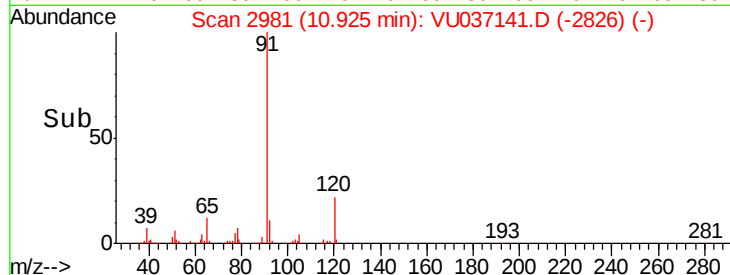
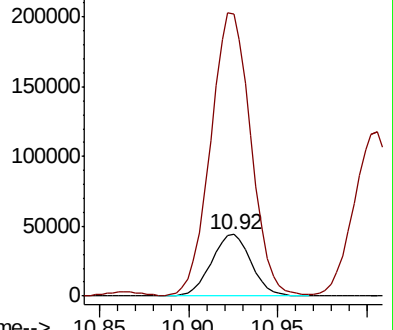
120 100

91 461.7 329.5 494.3



Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0



#74

2-Chlorotoluene

Concen: 11.165 ug/l

RT: 11.01 min Scan# 3006

Delta R.T. -0.00 min

Lab File: VU037141.D

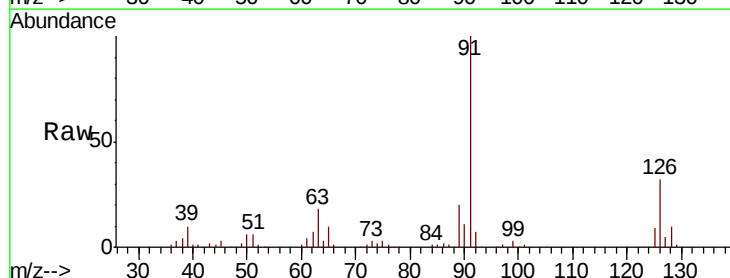
Acq: 09 Mar 2020 19:25

Tgt Ion:126 Resp: 60326

Ion Ratio Lower Upper

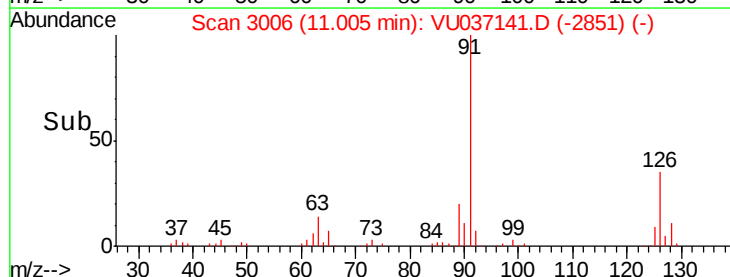
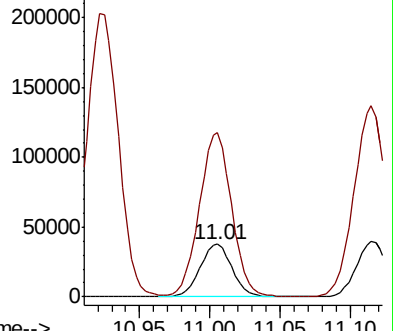
126 100

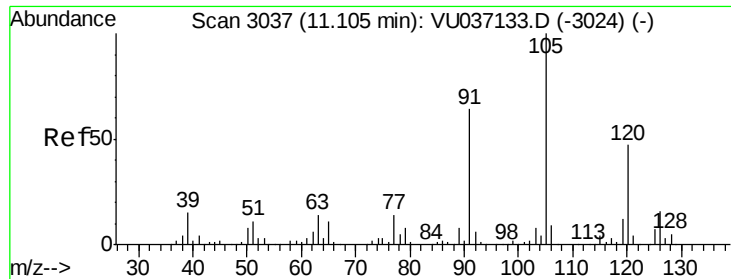
91 310.8 0.0 567.4



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0





#75

1,3,5-Trimethylbenzene

Concen: 11.611 ug/l

RT: 11.10 min Scan# 3037

Delta R.T. -0.00 min

Lab File: VU037141.D

Acq: 09 Mar 2020 19:25

Instrument :

MSVOA_U

ClientSampleId :

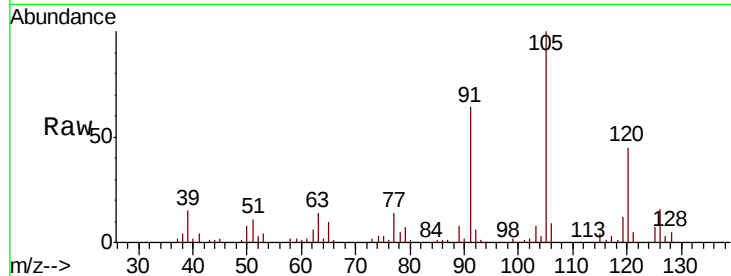
VSTDCCC010EC

Tot Ion:105 Resp: 226380

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

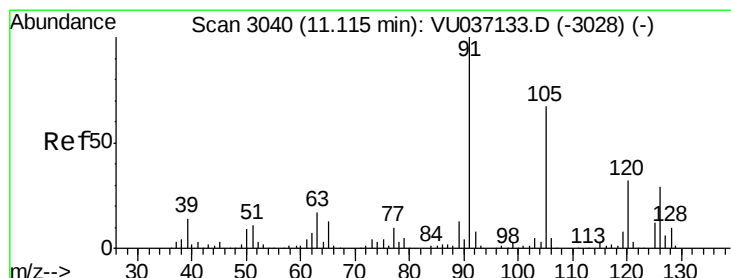
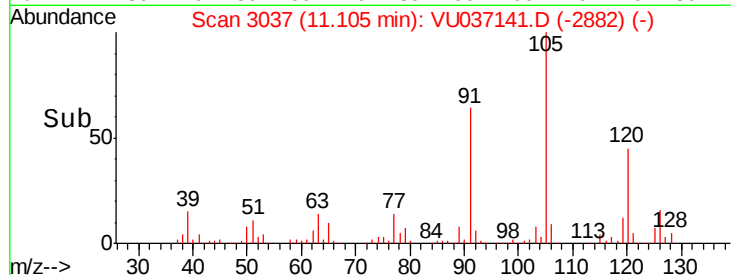
150000

100000

50000

0

Time--> 11.00 11.10 11.20



#76

4-Chlorotoluene

Concen: 11.384 ug/l

RT: 11.11 min Scan# 3040

Delta R.T. -0.00 min

Lab File: VU037141.D

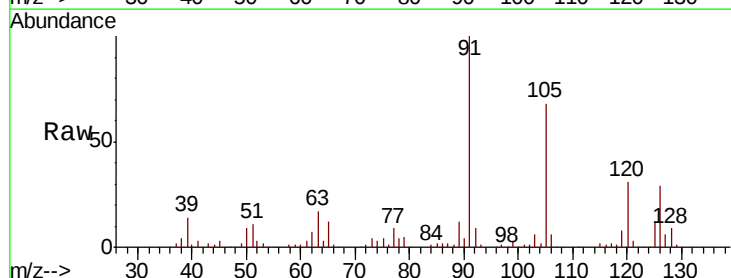
Acq: 09 Mar 2020 19:25

Tgt Ion:126 Resp: 61920

Ion Ratio Lower Upper

126 100

91 363.3 0.0 633.0



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0

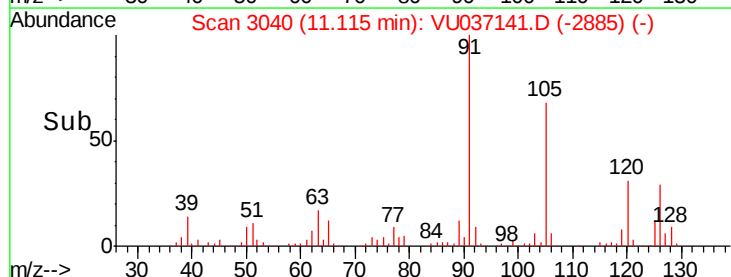
150000

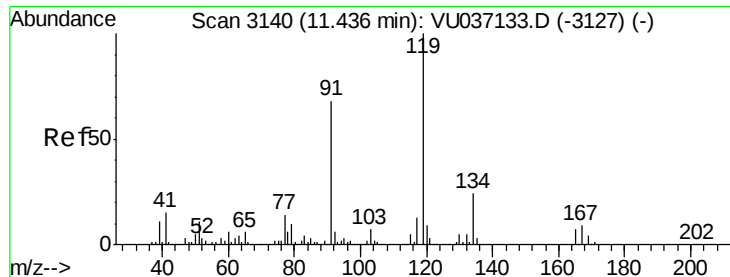
100000

50000

0

Time--> 11.05 11.10 11.15





#77

tert-Butylbenzene

Concen: 11.071 ug/l

RT: 11.44 min Scan# 3140

Delta R.T. -0.00 min

Lab File: VU037141.D

Acq: 09 Mar 2020 19:25

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

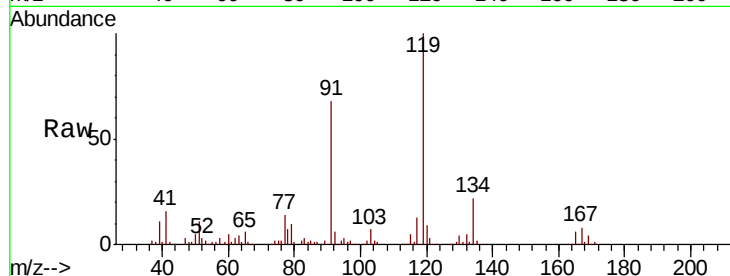
Tot Ion:119 Resp: 210415

Ion Ratio Lower Upper

119 100

91 64.8 29.3 87.8

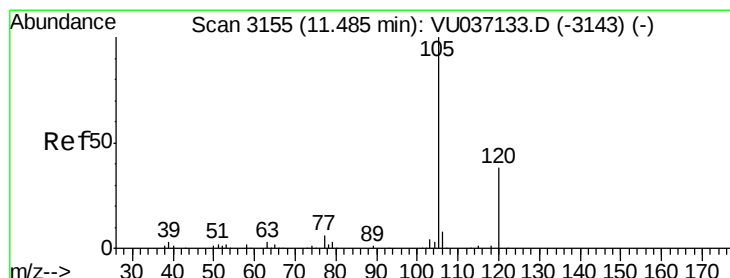
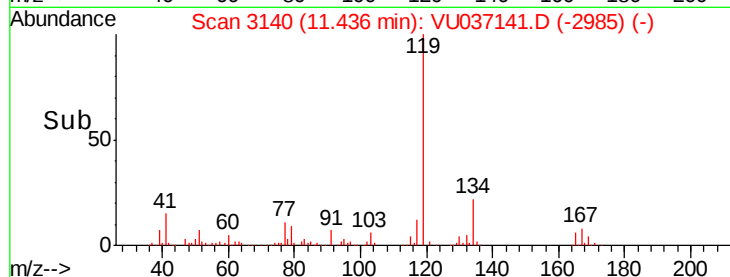
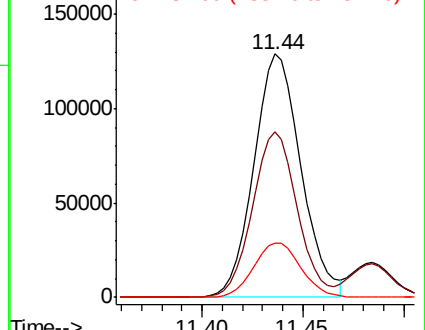
134 22.6 19.0 28.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VU0

Ion 134.00 (133.70 to 134.70): V



#78

1,2,4-Trimethylbenzene

Concen: 11.923 ug/l

RT: 11.48 min Scan# 3155

Delta R.T. -0.00 min

Lab File: VU037141.D

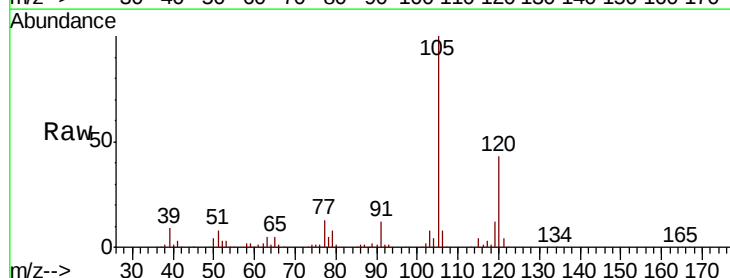
Acq: 09 Mar 2020 19:25

Tgt Ion:105 Resp: 234651

Ion Ratio Lower Upper

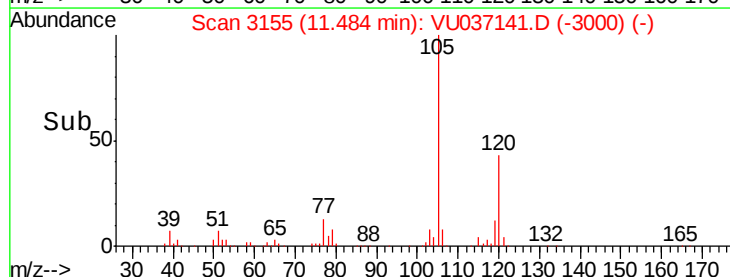
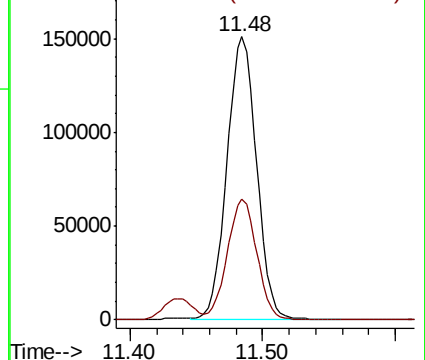
105 100

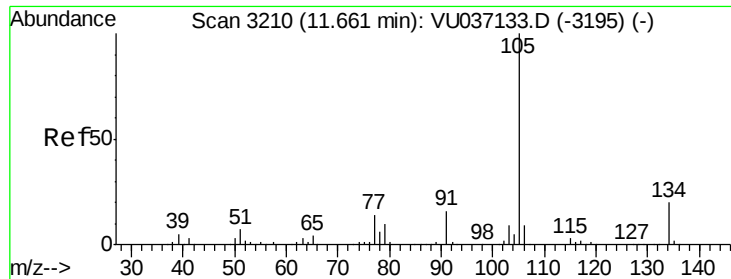
120 42.8 23.3 69.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#79

sec-Butylbenzene

Concen: 11.314 ug/l

RT: 11.66 min Scan# 3210

Delta R.T. -0.00 min

Lab File: VU037141.D

Acq: 09 Mar 2020 19:25

Instrument :

MSVOA_U

ClientSampleId :

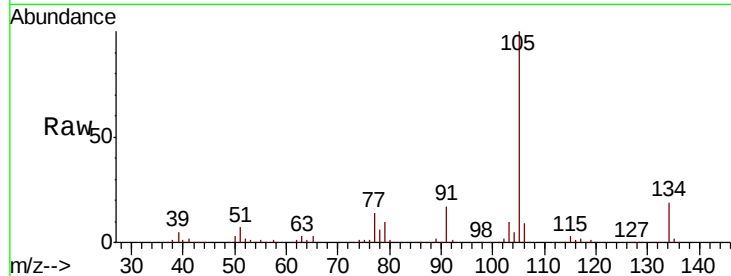
VSTDCCC010EC

Tot Ion:105 Resp: 292582

Ion Ratio Lower Upper

105 100

134 19.2 16.0 24.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

200000

150000

100000

50000

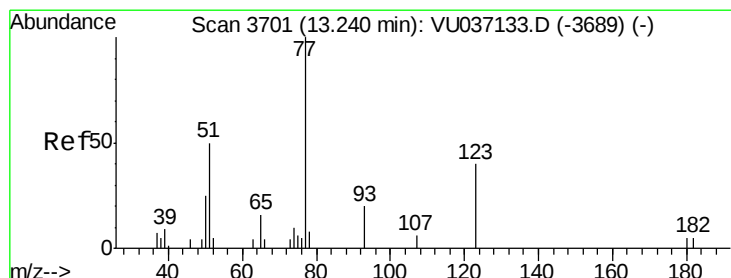
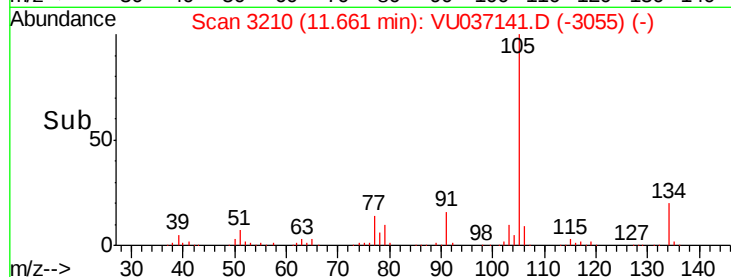
0

11.66

11.60

11.70

Time-->



#80

Nitrobenzene

Concen: 55.059 ug/l

RT: 13.24 min Scan# 3701

Delta R.T. -0.00 min

Lab File: VU037141.D

Acq: 09 Mar 2020 19:25

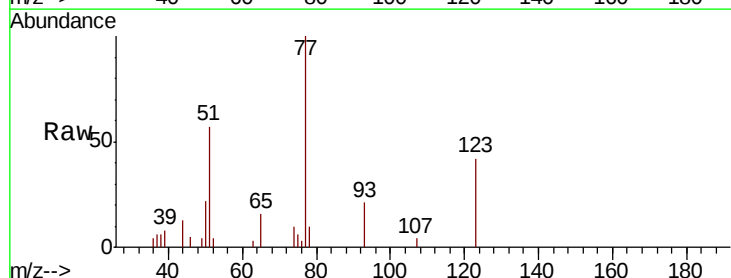
Tgt Ion: 77 Resp: 5849

Ion Ratio Lower Upper

77 100

123 40.2 19.6 69.6

65 15.3 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

4000

3000

2000

1000

0

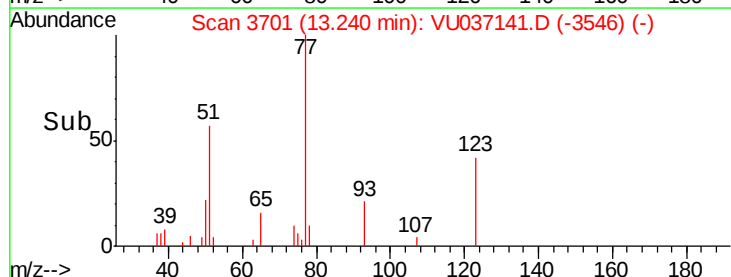
13.24

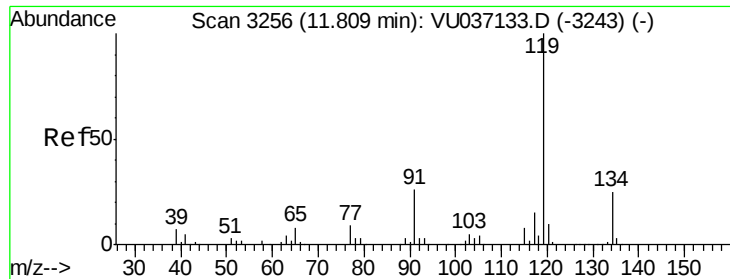
13.20

13.25

13.30

Time-->

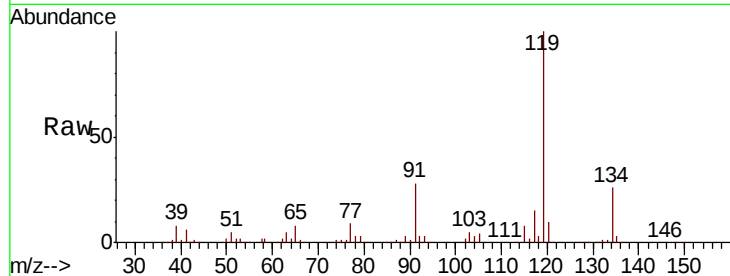




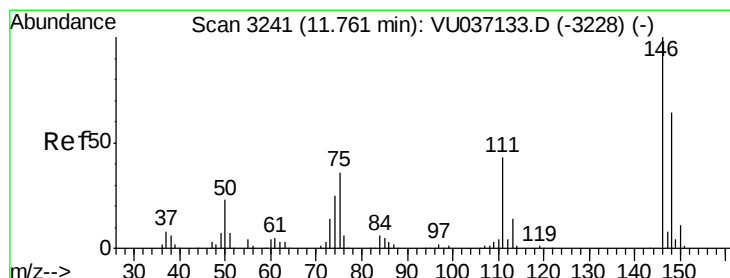
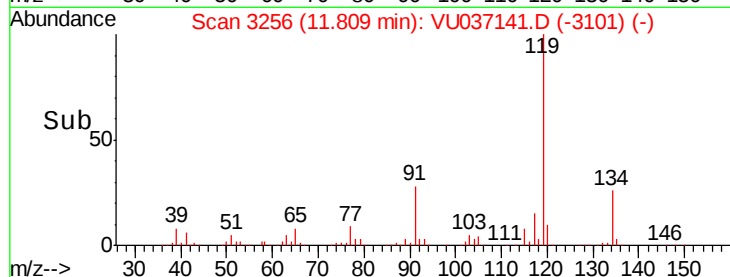
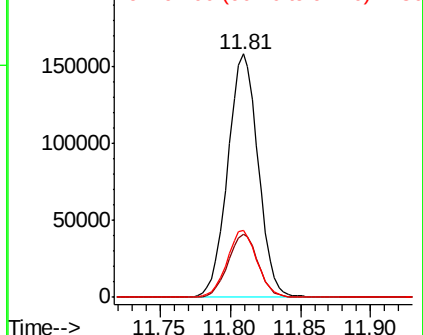
#81
 p-Isopropyltoluene
 Concen: 11.697 ug/l
 RT: 11.81 min Scan# 3256
 Delta R.T. -0.00 min
 Lab File: VU037141.D
 Acq: 09 Mar 2020 19:25

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Tot Ion:119 Resp: 238421
 Ion Ratio Lower Upper
 119 100
 134 25.7 21.4 32.0
 91 27.3 18.3 27.5

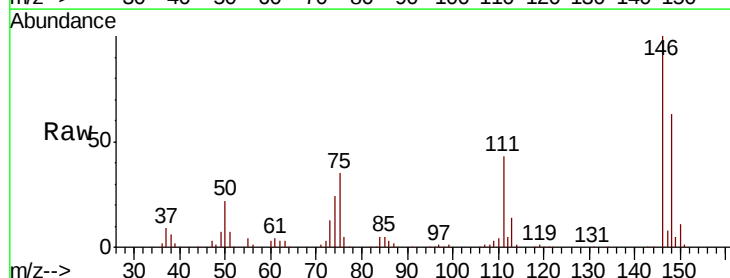


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V

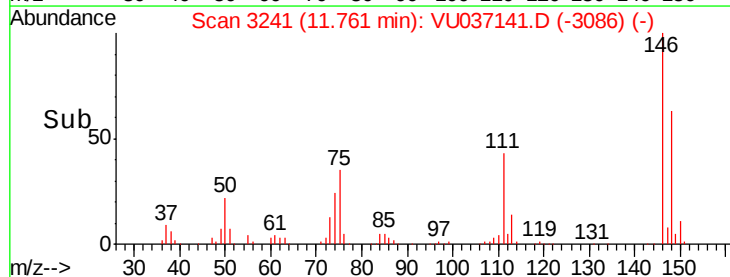
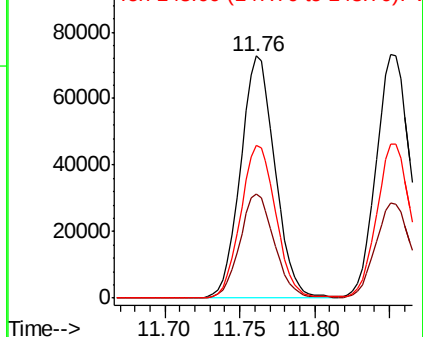


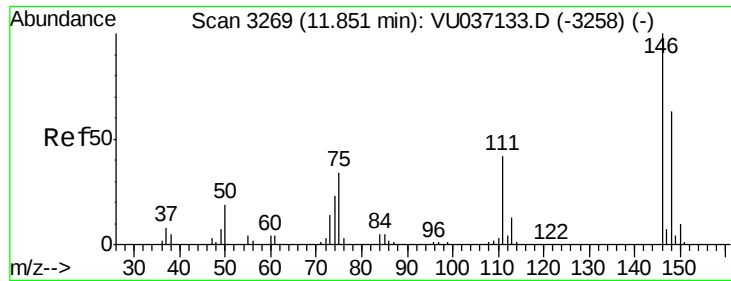
#82
 1,3-Dichlorobenzene
 Concen: 10.827 ug/l
 RT: 11.76 min Scan# 3241
 Delta R.T. -0.00 min
 Lab File: VU037141.D
 Acq: 09 Mar 2020 19:25

Tgt Ion:146 Resp: 116891
 Ion Ratio Lower Upper
 146 100
 111 43.2 32.2 48.2
 148 64.4 51.4 77.2



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

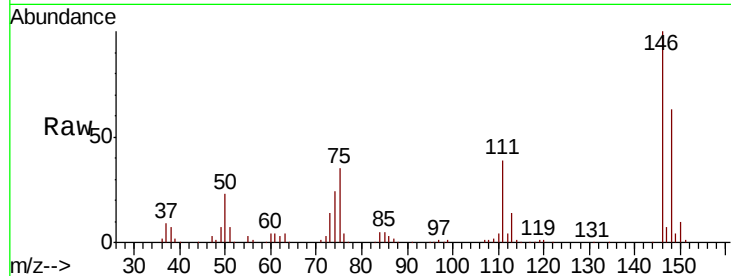




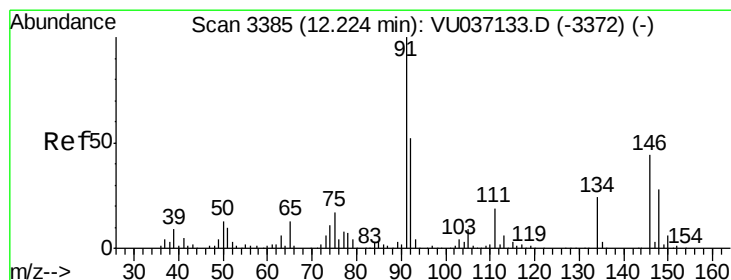
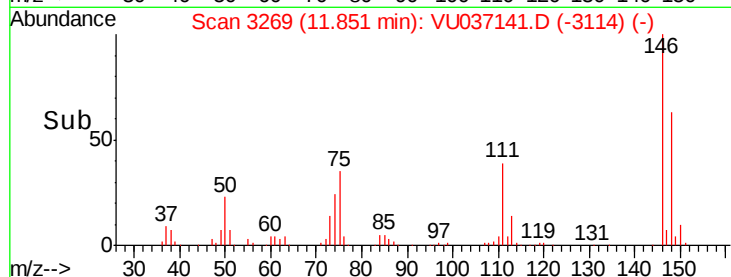
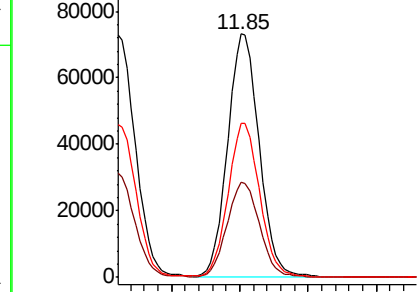
#83
 1,4-Dichlorobenzene
 Concen: 10.799 ug/l
 RT: 11.85 min Scan# 3269
 Delta R.T. -0.00 min
 Lab File: VU037141.D
 Acq: 09 Mar 2020 19:25

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Tot Ion:146 Resp: 118122
 Ion Ratio Lower Upper
 146 100
 111 40.3 30.5 45.7
 148 63.3 51.0 76.4

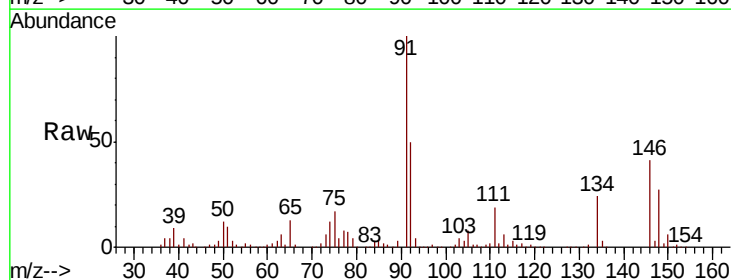


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

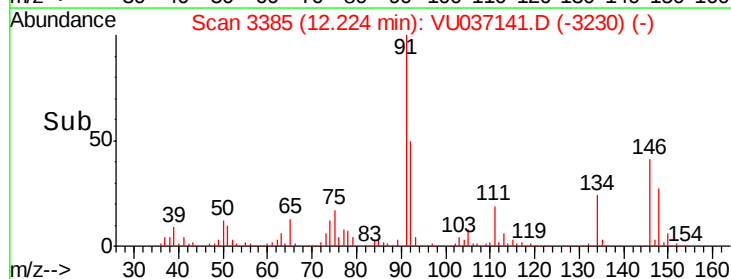
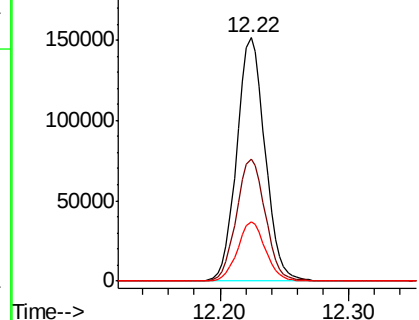


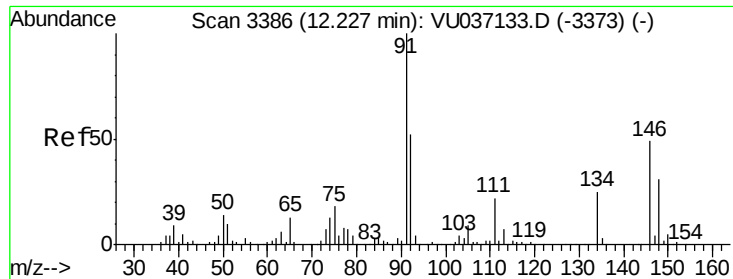
#84
 n-Butylbenzene
 Concen: 11.931 ug/l
 RT: 12.22 min Scan# 3385
 Delta R.T. -0.00 min
 Lab File: VU037141.D
 Acq: 09 Mar 2020 19:25

Tgt Ion: 91 Resp: 230362
 Ion Ratio Lower Upper
 91 100
 92 51.2 42.9 64.3
 134 24.0 21.4 32.0



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

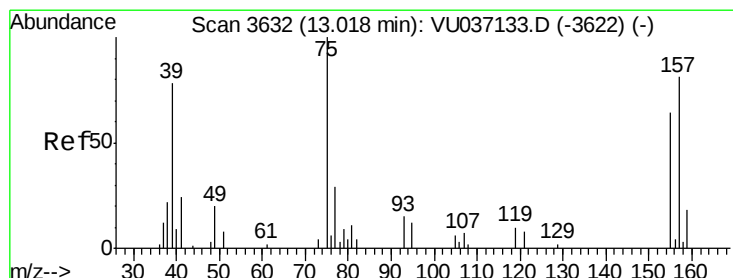
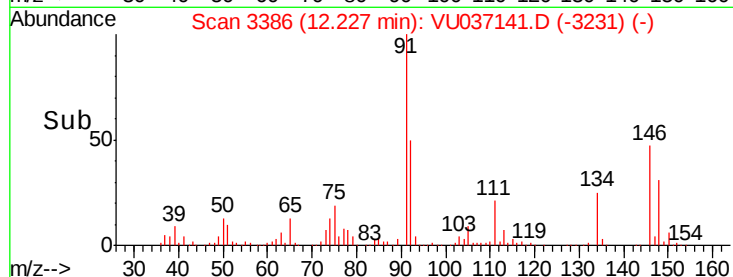
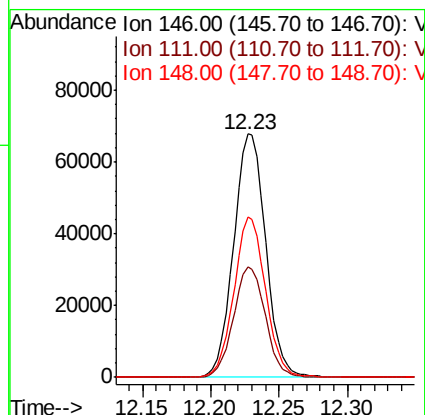
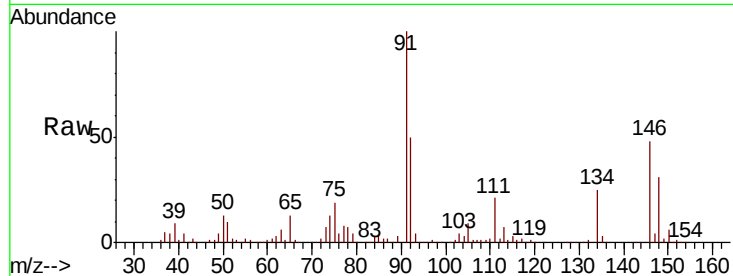




#85
 1,2-Dichlorobenzene
 Concen: 10.602 ug/l
 RT: 12.23 min Scan# 3386
 Delta R.T. -0.00 min
 Lab File: VU037141.D
 Acq: 09 Mar 2020 19:25

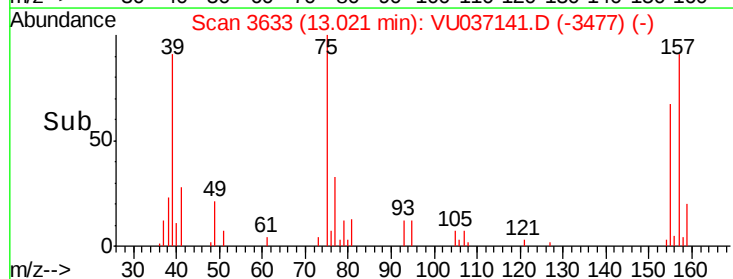
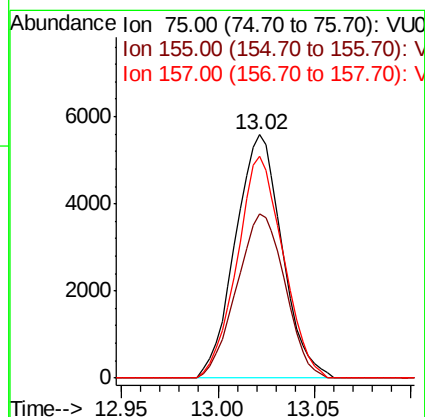
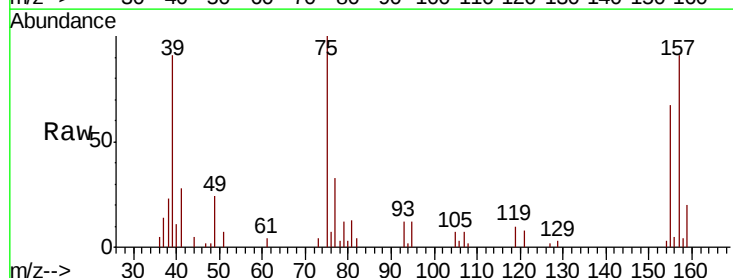
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

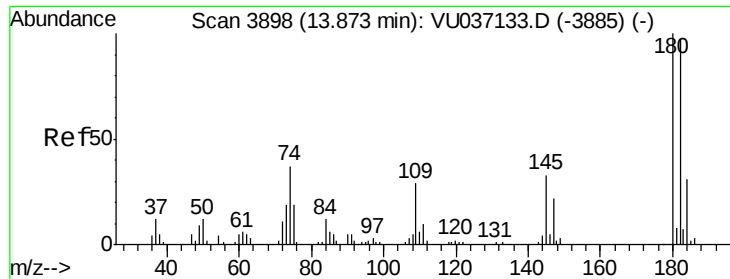
Tot Ion:146 Resp: 110753
 Ion Ratio Lower Upper
 146 100
 111 45.1 20.8 62.4
 148 64.8 32.0 96.2



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 10.948 ug/l
 RT: 13.02 min Scan# 3633
 Delta R.T. 0.00 min
 Lab File: VU037141.D
 Acq: 09 Mar 2020 19:25

Tgt Ion: 75 Resp: 9377
 Ion Ratio Lower Upper
 75 100
 155 69.8 71.8 107.8#
 157 90.0 92.4 138.6#

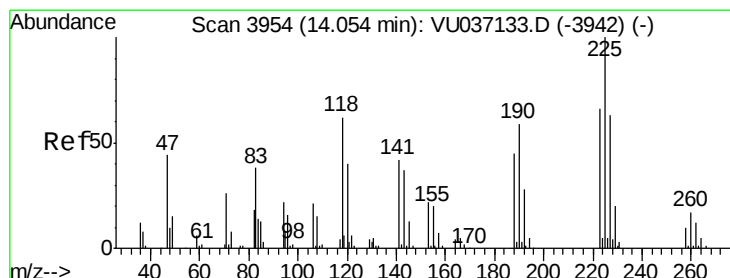
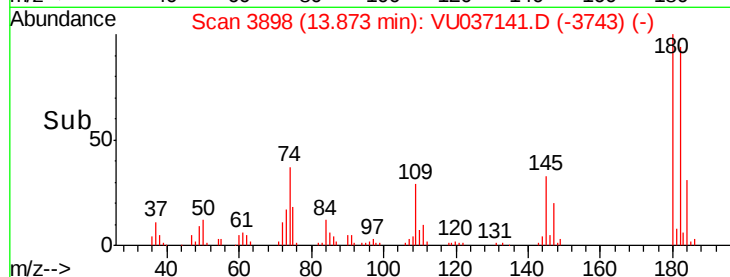
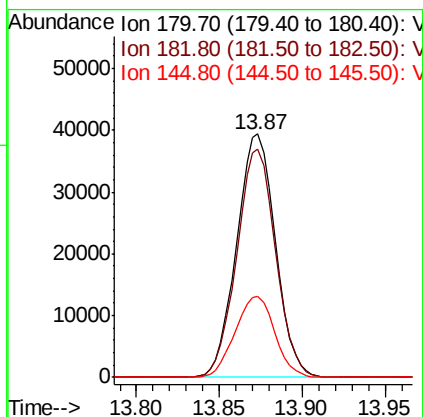
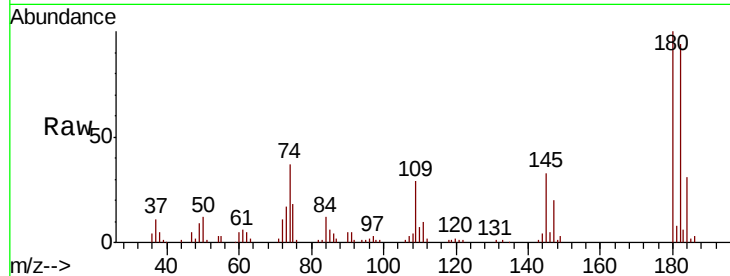




#87
 1,2,4-Trichlorobenzene
 Concen: 12.216 ug/l
 RT: 13.87 min Scan# 3898
 Delta R.T. -0.00 min
 Lab File: VU037141.D
 Acq: 09 Mar 2020 19:25

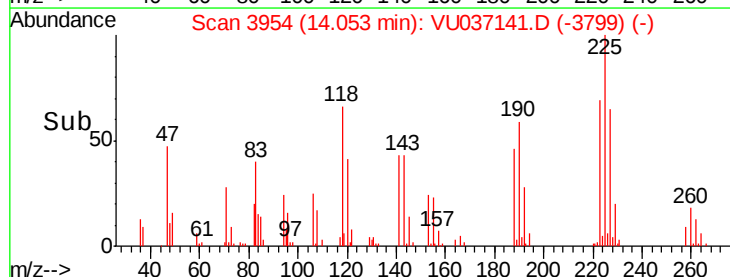
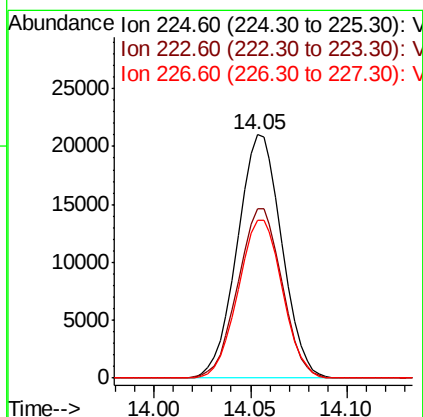
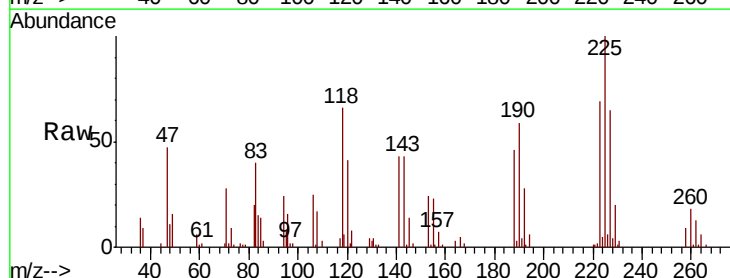
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

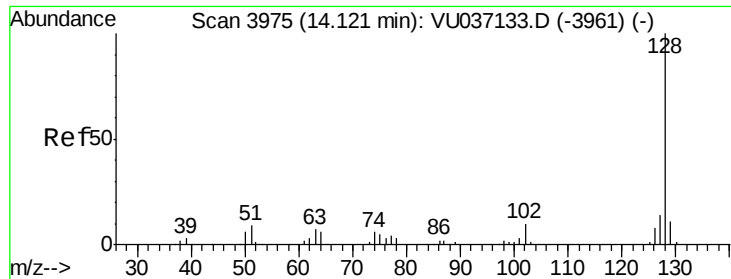
Tot Ion:180 Resp: 64146
 Ion Ratio Lower Upper
 180 100
 182 93.6 75.9 113.9
 145 33.9 23.4 35.2



#88
 Hexachlorobutadiene
 Concen: 10.353 ug/l
 RT: 14.05 min Scan# 3954
 Delta R.T. -0.00 min
 Lab File: VU037141.D
 Acq: 09 Mar 2020 19:25

Tgt Ion:225 Resp: 33641
 Ion Ratio Lower Upper
 225 100
 223 68.8 51.7 77.5
 227 64.6 50.6 75.8





#89

Naphthalene

Concen: 12.819 ug/l

RT: 14.12 min Scan# 3975

Delta R.T. -0.00 min

Lab File: VU037141.D

Acq: 09 Mar 2020 19:25

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

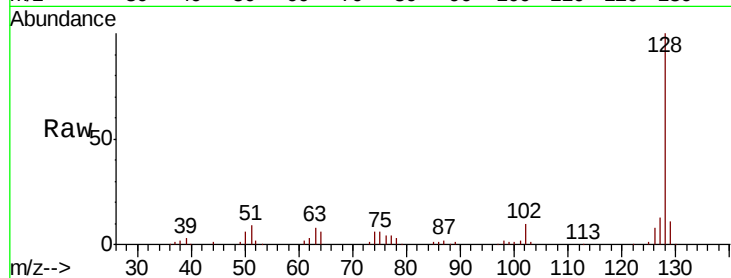
Tot Ion:128 Resp: 114300

Ion Ratio Lower Upper

128 100

127 13.7 10.5 15.7

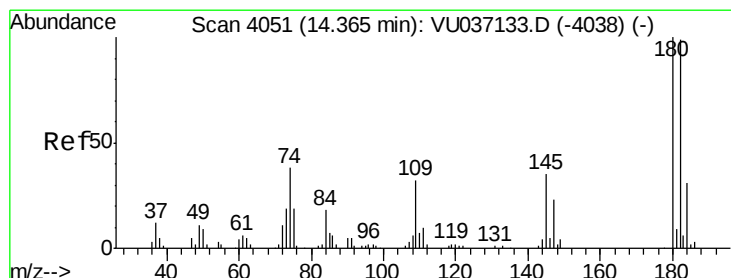
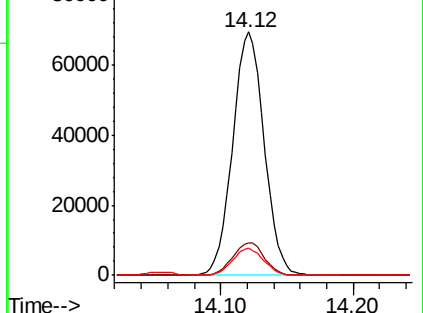
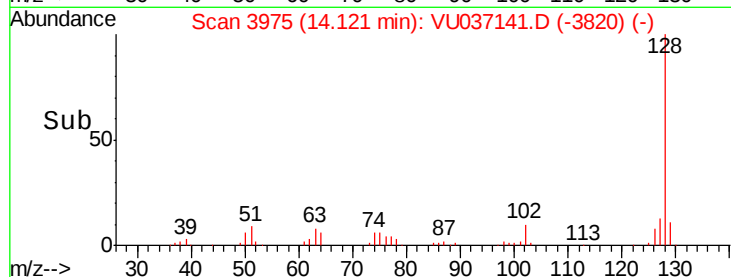
129 11.1 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#90

1,2,3-Trichlorobenzene

Concen: 12.047 ug/l

RT: 14.37 min Scan# 4051

Delta R.T. -0.00 min

Lab File: VU037141.D

Acq: 09 Mar 2020 19:25

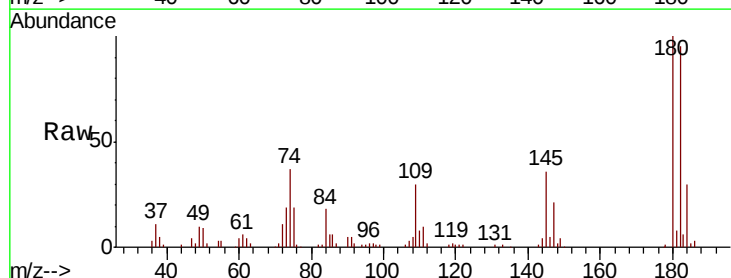
Tgt Ion:180 Resp: 61564

Ion Ratio Lower Upper

180 100

182 94.0 76.2 114.4

145 35.0 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

