

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030920\
 Data File : VU037132.D
 Acq On : 09 Mar 2020 13:53
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Quant Time: Mar 09 15:30:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U030920DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Mon Mar 09 15:28:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----	-----	-----	-----	-----	-----	-----
1) Fluorobenzene	6.15	96	16775	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.65	95	6402	1.01	ug/l	0.00
Spiked Amount 1.000			Recovery	=	101.00%	
68) 1,2-Dichlorobenzene-d4	12.21	152	6677	1.03	ug/l	0.00
Spiked Amount 1.000			Recovery	=	103.00%	
Target Compounds						
					Ovalue	
2) Dichlorodifluoromethane	1.39	85	40366	7.280	ug/l	100
3) Chloromethane	1.54	50	39034	6.566	ug/l	97
4) Vinyl Chloride	1.62	62	34596	5.138	ug/l	98
5) Bromomethane	1.87	94	11601	2.773	ug/l	98
6) Chloroethane	1.95	64	16131	4.044	ug/l	99
7) Trichlorofluoromethane	2.16	101	42662	6.413	ug/l	98
8) 1,1,2-Trichloro-1,2,2-trif	2.60	101	20852	5.032	ug/l	93
9) 1,1-Dichloroethene	2.60	96	18693	4.237	ug/l	75
10) Iodomethane	2.75	142	8888	1.878	ug/l #	77
11) Allyl Chloride	2.95	41	36357	5.961	ug/l #	62
12) Acrylonitrile	3.36	53	9633	8.903	ug/l	94
13) Acetone	2.66	43	23917	27.116	ug/l #	83
14) Carbon Disulfide	2.82	76	63810	4.177	ug/l	99
15) Methylene Chloride	3.07	84	21425	3.688	ug/l #	74
16) trans-1,2-Dichloroethene	3.38	96	20439	4.200	ug/l	87
17) 1,1-Dichloroethane	3.91	63	47248	5.958	ug/l	97
18) 2-Butanone	4.77	43	37384	32.183	ug/l	98
19) Cyclohexane	5.42	56	36482	5.033	ug/l	97
20) Methylcyclohexane	6.79	83	39227	4.847	ug/l #	87
21) 2,2-Dichloropropane	4.71	77	42691	6.306	ug/l	94
22) cis-1,2-Dichloroethene	4.71	96	26294	5.208	ug/l	84
23) Diethyl Ether	2.40	59	15646	4.592	ug/l #	85
24) tert-Butyl Alcohol	3.25	59	17812	58.488	ug/l	97
25) Methyl tert-Butyl Ether	3.41	73	56024	4.847	ug/l #	70
26) Bromochloromethane	5.02	128	11427	5.226	ug/l	82
27) Chloroform	5.13	83	49462	6.306	ug/l	100
28) 1,1,1-Trichloroethane	5.35	97	44116	6.708	ug/l	97
29) 1,1-Dichloropropene	5.56	75	37140	5.786	ug/l	96
30) Carbon Tetrachloride	5.56	117	38733	6.878	ug/l	99
31) Isopropyl Ether	4.05	45	75239	6.251	ug/l	85
32) Ethyl-t-butyl ether	4.56	59	71189	5.652	ug/l	94
33) Tert-Amyl methyl ether	5.99	73	62167	5.391	ug/l	100
34) Propionitrile	4.84	54	10342	30.887	ug/l #	88
35) Benzene	5.81	78	101860	5.480	ug/l	98
36) 1,2-Dichloroethane	5.84	62	36400	7.275	ug/l #	92
37) Trichloroethene	6.57	130	26296	5.124	ug/l	95
38) 1,2-Dichloropropane	6.82	63	27651	5.917	ug/l	98
39) Methacrylonitrile	5.03	41	9710	6.900	ug/l #	84
40) Methyl acrylate	4.90	55	13861	6.215	ug/l #	93
41) Tetrahydrofuran	5.11	42	9796	12.777	ug/l #	85
42) 1-Chlorobutane	5.49	56	51375	6.178	ug/l	80

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 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 VSTDIC005

Quant Time: Mar 09 15:30:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U030920DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Mon Mar 09 15:28:09 2020
 Response via : Initial Calibration

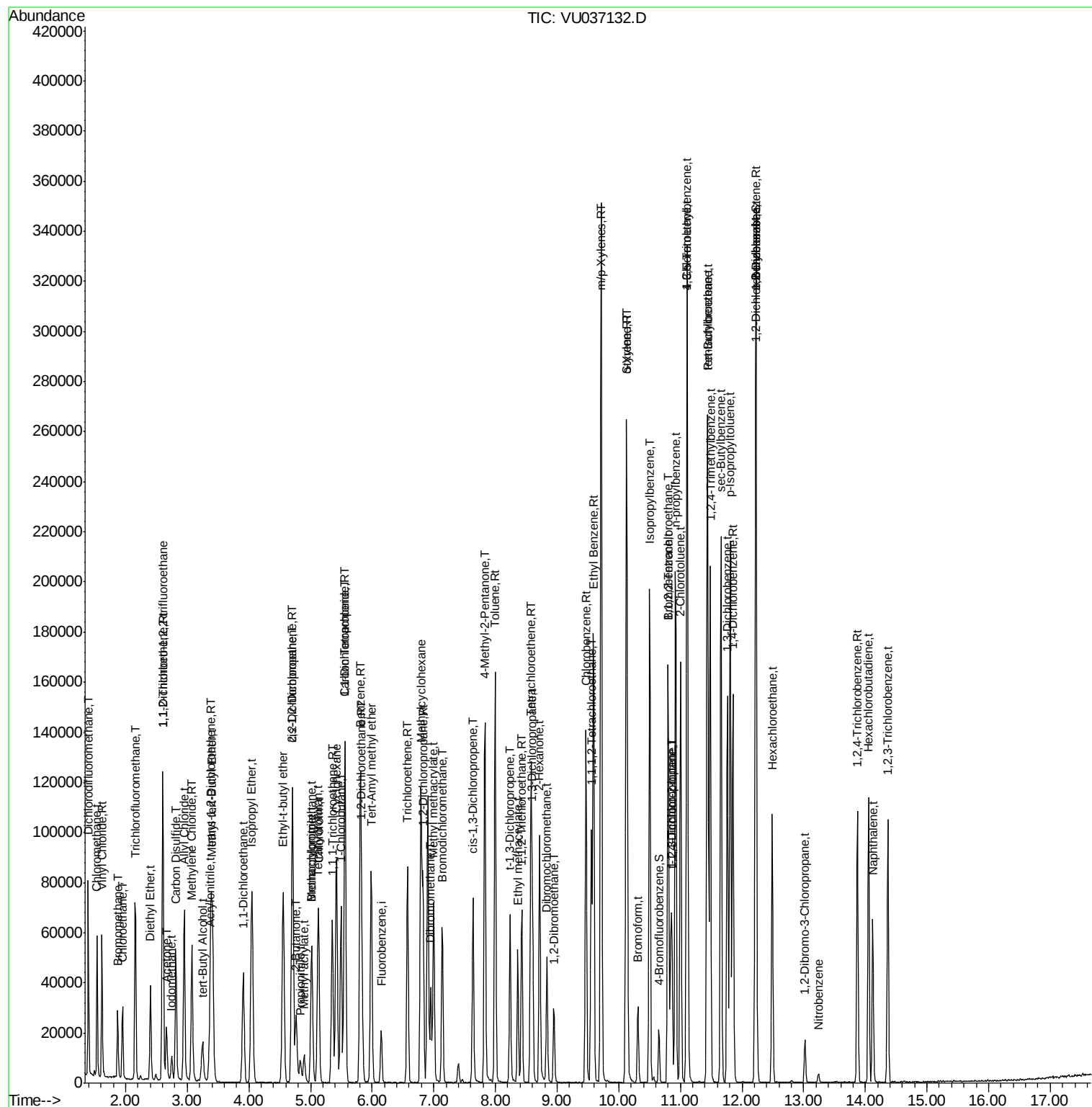
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.95	93	14511	5.949	ug/l	91
44) Bromodichloromethane	7.14	83	37197	6.447	ug/l	97
45) 4-Methyl-2-Pentanone	7.83	43	95664	34.810	ug/l #	86
46) t-1,4-Dichloro-2-butene	10.85	75	32644	26.972	ug/l #	66
47) Methyl methacrylate	7.00	69	24200	10.124	ug/l #	60
48) Ethyl methacrylate	8.36	69	23619	5.116	ug/l	70
49) Toluene	8.00	92	62087	5.233	ug/l	100
50) t-1,3-Dichloropropene	8.24	75	33865	5.890	ug/l	99
51) cis-1,3-Dichloropropene	7.64	75	38558	5.534	ug/l #	82
52) 1,1,2-Trichloroethane	8.43	97	19379	5.599	ug/l	98
53) 1,3-Dichloropropane	8.60	76	33100	5.580	ug/l	98
54) 2-Hexanone	8.72	43	66155	34.325	ug/l	85
55) Dibromochloromethane	8.83	129	23812	5.976	ug/l	98
56) 1,2-Dibromoethane	8.95	107	18228	5.470	ug/l	97
58) Tetrachloroethene	8.58	164	24226	4.723	ug/l	97
59) Chlorobenzene	9.47	112	66833	5.057	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.56	131	25467	6.033	ug/l	95
61) Pentachloroethane	11.45	117	19290	7.083	ug/l	93
62) Hexachloroethane	12.49	117	20569	5.926	ug/l	82
63) Ethyl Benzene	9.59	91	118214	5.337	ug/l	94
64) m/p-Xylenes	9.71	106	91510	10.437	ug/l	89
65) o-Xylene	10.12	106	43574	5.132	ug/l	89
66) Styrene	10.13	104	74182	5.217	ug/l	94
67) Bromoform	10.31	173	13001	5.699	ug/l #	97
69) Isopropylbenzene	10.50	105	118886	5.330	ug/l	97
70) 1,1,2,2-Tetrachloroethane	10.80	83	25863	5.923	ug/l	97
71) 1,2,3-Trichloropropane	10.85	75	32644	10.478	ug/l	65
72) Bromobenzene	10.80	156	27640	5.144	ug/l	89
73) n-propylbenzene	10.92	120	31879	5.094	ug/l	75
74) 2-Chlorotoluene	11.01	126	28353	5.275	ug/l	85
75) 1,3,5-Trimethylbenzene	11.10	105	106424	5.563	ug/l	93
76) 4-Chlorotoluene	11.11	126	29783	5.363	ug/l	77
77) tert-Butylbenzene	11.44	119	100712	5.556	ug/l	92
78) 1,2,4-Trimethylbenzene	11.48	105	108662	5.509	ug/l	95
79) sec-Butylbenzene	11.66	105	137770	5.478	ug/l	98
80) Nitrobenzene	13.24	77	2332	37.217	ug/l #	85
81) p-Isopropyltoluene	11.81	119	113297	5.390	ug/l	94
82) 1,3-Dichlorobenzene	11.76	146	57712	5.368	ug/l	98
83) 1,4-Dichlorobenzene	11.85	146	57317	5.334	ug/l	97
84) n-Butylbenzene	12.22	91	106875	5.498	ug/l	95
85) 1,2-Dichlorobenzene	12.23	146	54712	5.318	ug/l	97
86) 1,2-Dibromo-3-Chloropropan	13.02	75	4294	5.810	ug/l	81
87) 1,2,4-Trichlorobenzene	13.87	180	30141	4.580	ug/l	99
88) Hexachlorobutadiene	14.05	225	17106	4.743	ug/l	99
89) Naphthalene	14.12	128	50720	4.474	ug/l	99
90) 1,2,3-Trichlorobenzene	14.37	180	28988	4.684	ug/l	99

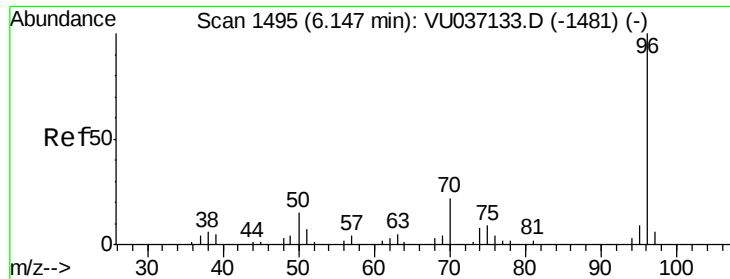
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VU037132.D
Acq On : 09 Mar 2020 13:53
Operator : JC/MD
Sample : VSTDIC005
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Quant Time: Mar 09 15:30:06 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA U\METHOD\524U030920DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Mon Mar 09 15:28:09 2020
Response via : Initial Calibration





#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 6.15 min Scan# 1495

Delta R.T. -0.00 min

Lab File: VU037132.D

Acq: 09 Mar 2020 13:53

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

Tot Ion: 96 Resp: 16775

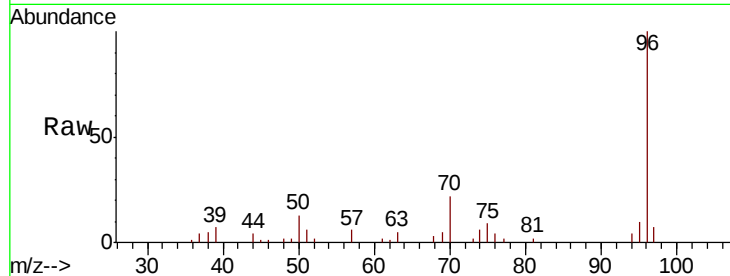
Ion Ratio Lower Upper

96 100

70 22.1 15.6 23.4

95 8.9 7.0 10.6

97 5.9 0.0 0.0#

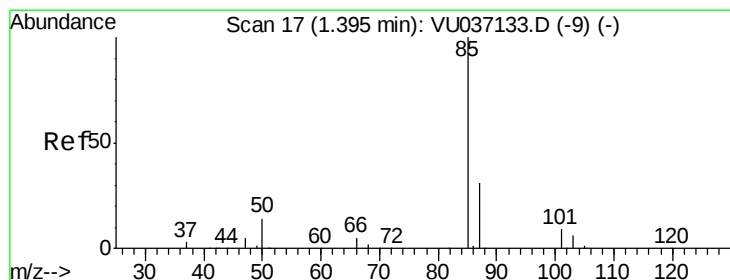
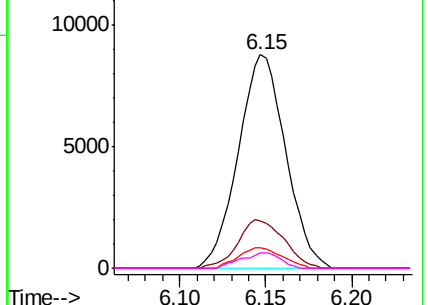
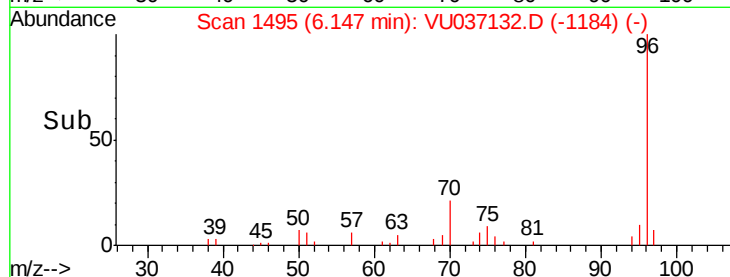


Abundance Ion 96.00 (95.70 to 96.70): VU0

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: 7.280 ug/l

RT: 1.39 min Scan# 17

Delta R.T. -0.00 min

Lab File: VU037132.D

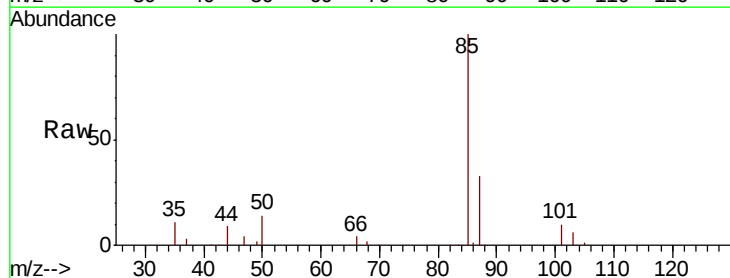
Acq: 09 Mar 2020 13:53

Tgt Ion: 85 Resp: 40366

Ion Ratio Lower Upper

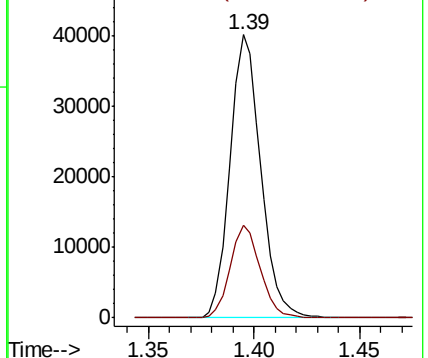
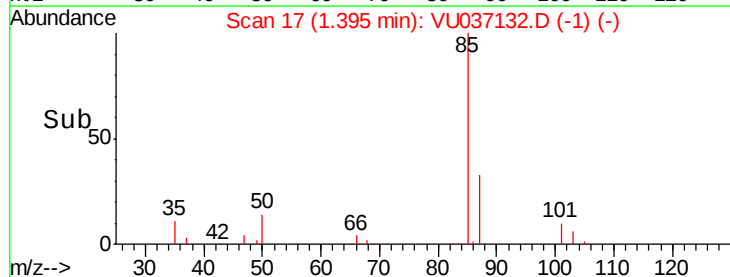
85 100

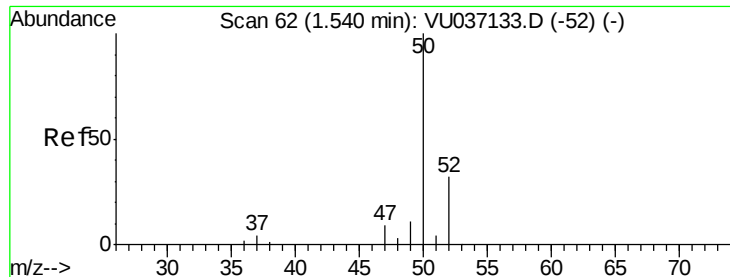
87 32.5 16.4 49.2



Abundance Ion 85.00 (84.70 to 85.70): VU0

Ion 87.00 (86.70 to 87.70): VU0

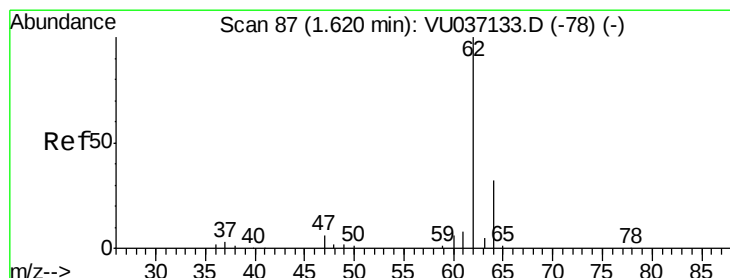
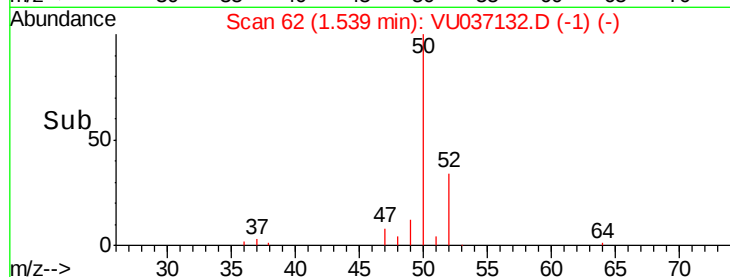
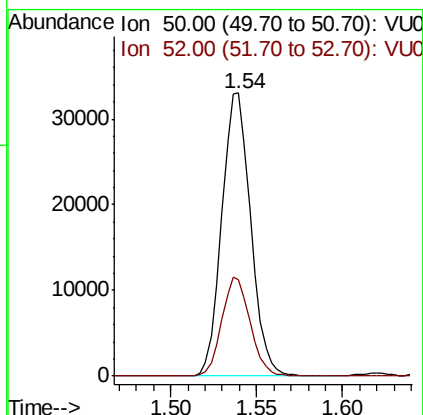
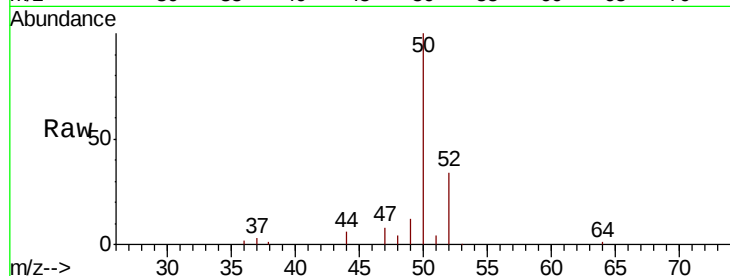




#3
Chloromethane
Concen: 6.566 ug/l
RT: 1.54 min Scan# 62
Delta R.T. -0.00 min
Lab File: VU037132.D
Acq: 09 Mar 2020 13:53

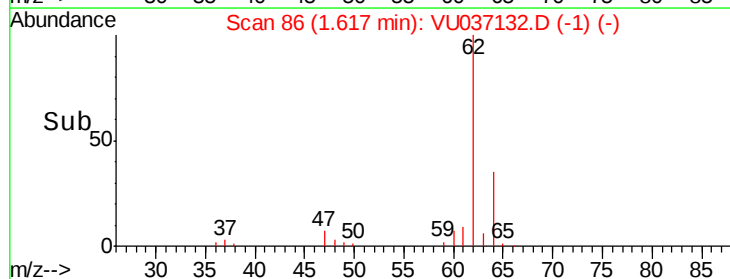
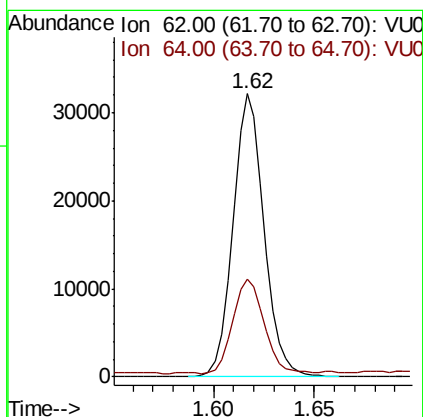
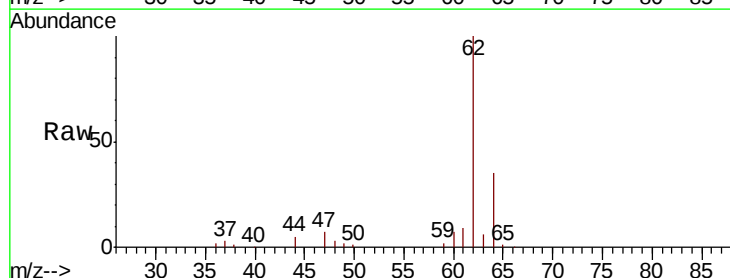
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

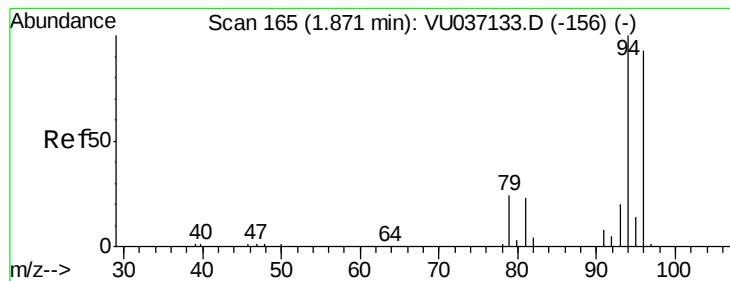
Tot Ion: 50 Resp: 39034
Ion Ratio Lower Upper
50 100
52 34.3 26.0 39.0



#4
Vinyl Chloride
Concen: 5.138 ug/l
RT: 1.62 min Scan# 86
Delta R.T. -0.00 min
Lab File: VU037132.D
Acq: 09 Mar 2020 13:53

Tgt Ion: 62 Resp: 34596
Ion Ratio Lower Upper
62 100
64 33.0 25.4 38.2





#5

Bromomethane

Concen: 2.773 ug/l

RT: 1.87 min Scan# 165

Delta R.T. -0.00 min

Lab File: VU037132.D

Acq: 09 Mar 2020 13:53

Instrument :

MSVOA_U

ClientSampleId :

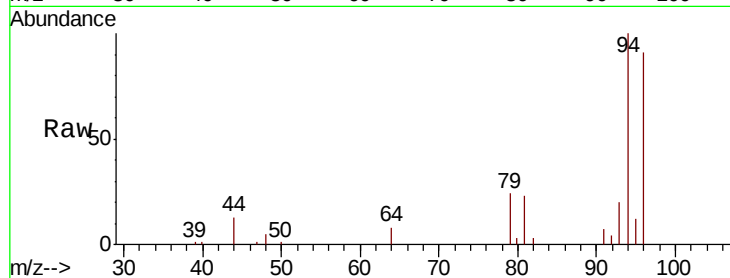
VSTDIC005

Tot Ion: 94 Resp: 11601

Ion Ratio Lower Upper

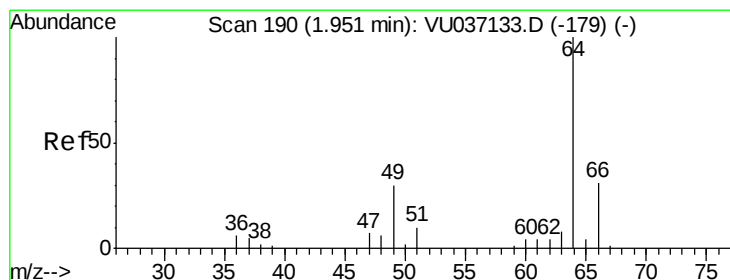
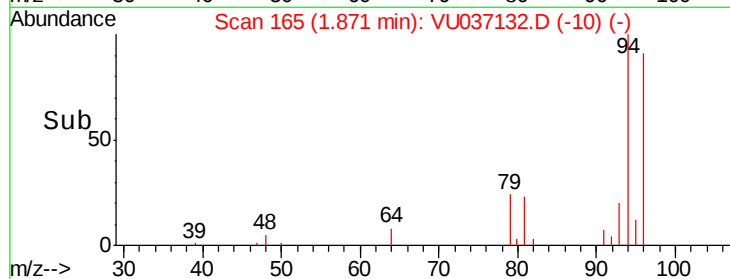
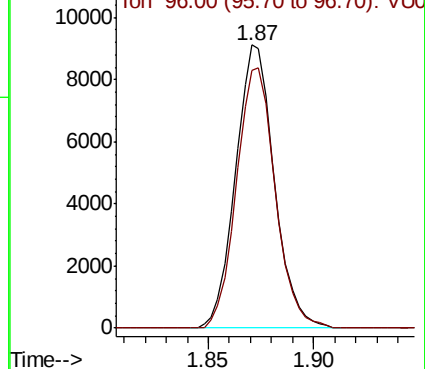
94 100

96 91.3 74.6 112.0



Abundance Ion 94.00 (93.70 to 94.70): VU037132.D (-156) (-)

Ion 96.00 (95.70 to 96.70): VU037132.D (-156) (-)



#6

Chloroethane

Concen: 4.044 ug/l

RT: 1.95 min Scan# 190

Delta R.T. -0.00 min

Lab File: VU037132.D

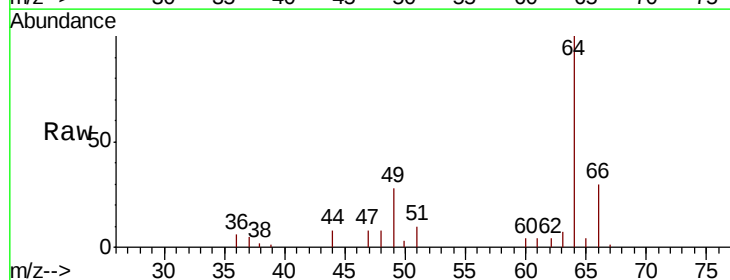
Acq: 09 Mar 2020 13:53

Tgt Ion: 64 Resp: 16131

Ion Ratio Lower Upper

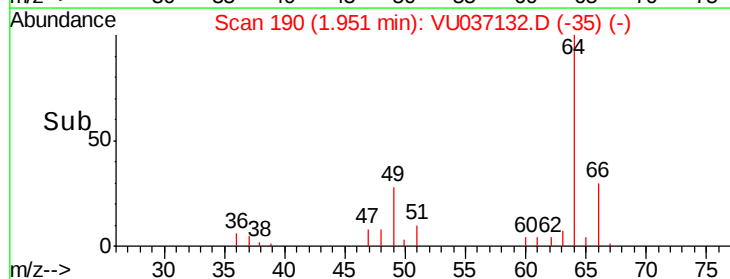
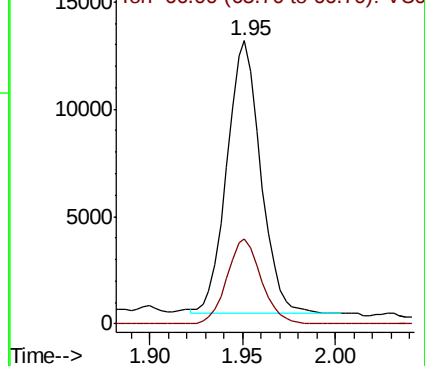
64 100

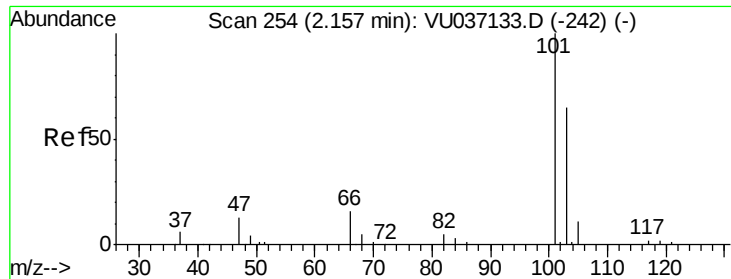
66 31.3 25.5 38.3



Abundance Ion 64.00 (63.70 to 64.70): VU037132.D (-179) (-)

Ion 66.00 (65.70 to 66.70): VU037132.D (-179) (-)



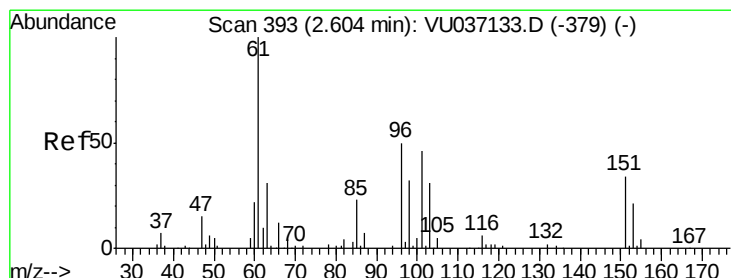
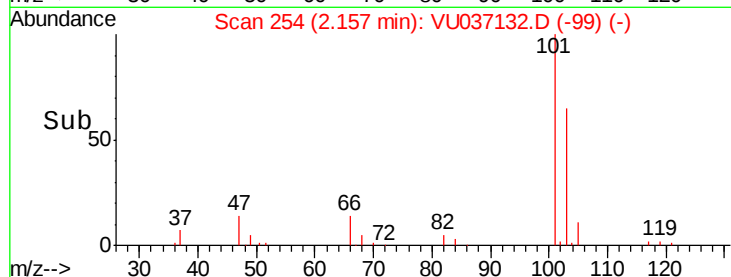
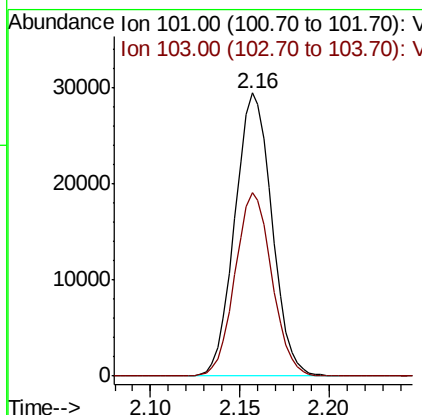
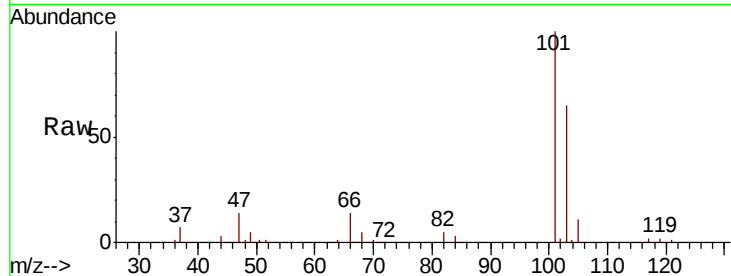


#7

Trichlorofluoromethane
Concen: 6.413 ug/l
RT: 2.16 min Scan# 254
Delta R.T. -0.00 min
Lab File: VU037132.D
Acq: 09 Mar 2020 13:53

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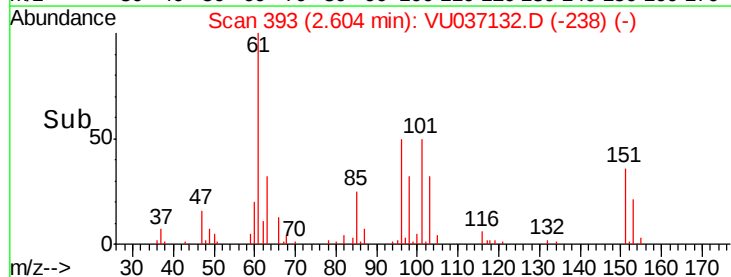
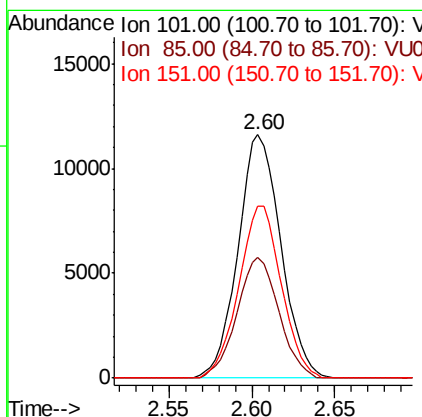
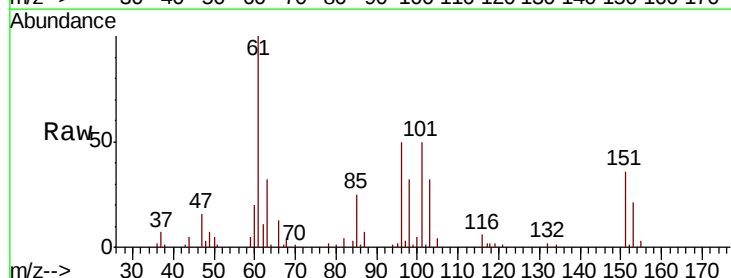
Tot Ion:101 Resp: 42662
Ion Ratio Lower Upper
101 100
103 64.7 53.0 79.6

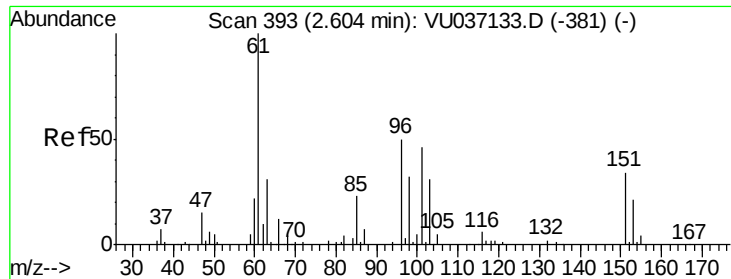


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.032 ug/l
RT: 2.60 min Scan# 393
Delta R.T. -0.00 min
Lab File: VU037132.D
Acq: 09 Mar 2020 13:53

Tgt Ion:101 Resp: 20852
Ion Ratio Lower Upper
101 100
85 48.4 33.9 50.9
151 70.0 59.8 89.8





#9

1,1-Dichloroethene

Concen: 4.237 ug/l

RT: 2.60 min Scan# 393

Delta R.T. -0.00 min

Lab File: VU037132.D

Acq: 09 Mar 2020 13:53

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

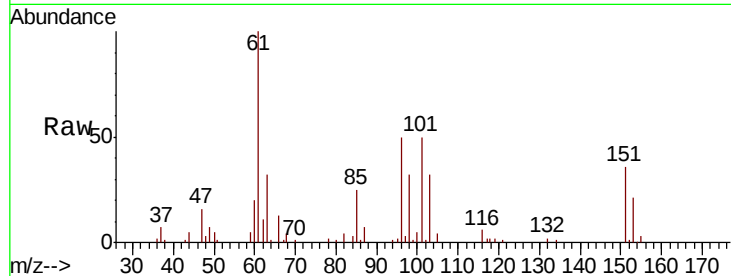
Tot Ion: 96 Resp: 18693

Ion Ratio Lower Upper

96 100

61 198.1 0.0 463.2

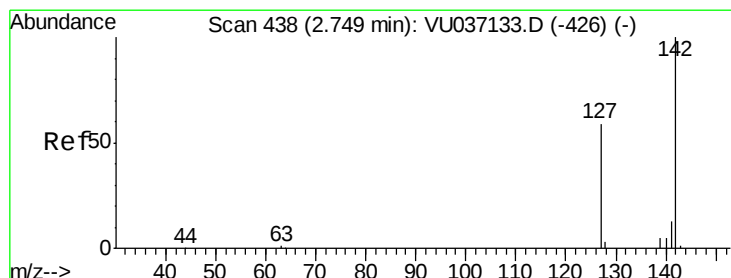
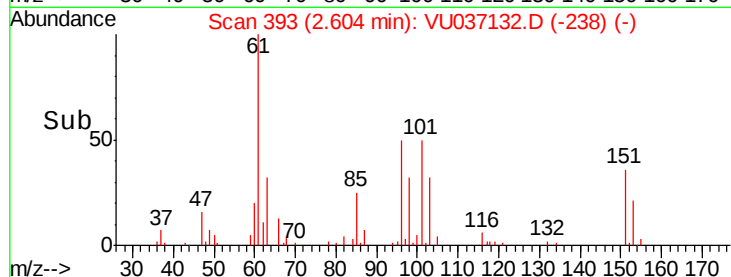
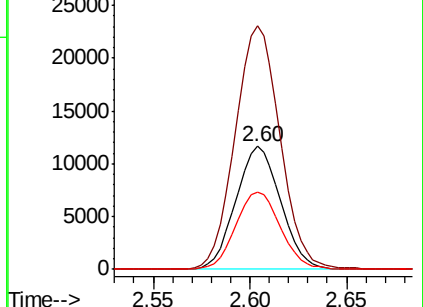
98 62.9 0.0 130.0



Abundance Ion 96.00 (95.70 to 96.70): VU037132.D (-238) (-)

Ion 61.00 (60.70 to 61.70): VU037132.D (-238) (-)

Ion 98.00 (97.70 to 98.70): VU037132.D (-238) (-)



#10

Iodomethane

Concen: 1.878 ug/l

RT: 2.75 min Scan# 438

Delta R.T. -0.00 min

Lab File: VU037132.D

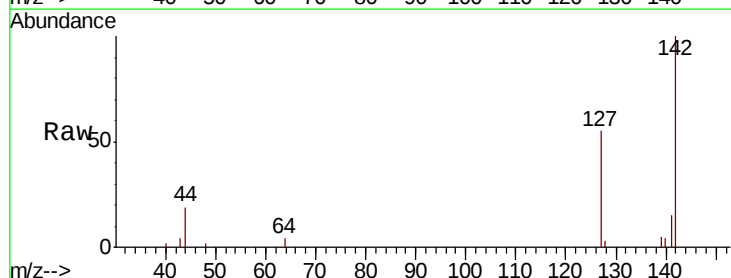
Acq: 09 Mar 2020 13:53

Tgt Ion: 142 Resp: 8888

Ion Ratio Lower Upper

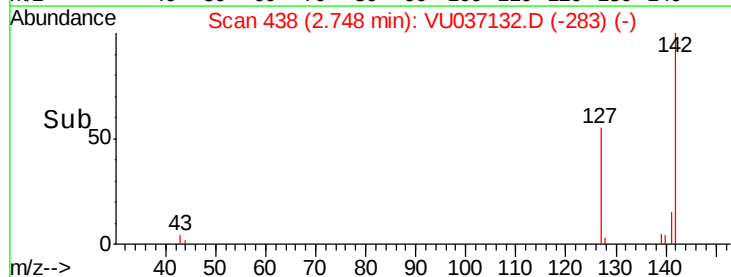
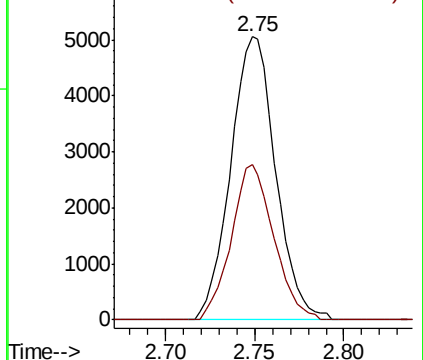
142 100

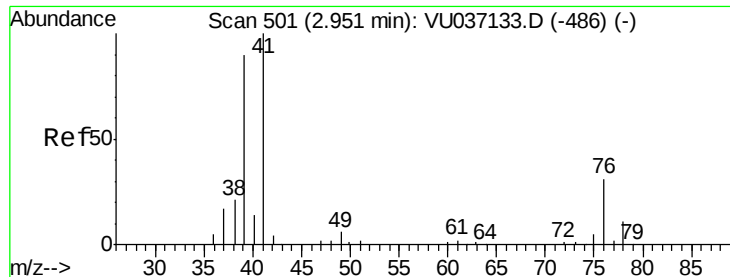
127 51.7 30.3 45.5#



Abundance Ion 142.00 (141.70 to 142.70): VU037132.D (-283) (-)

Ion 127.00 (126.70 to 127.70): VU037132.D (-283) (-)

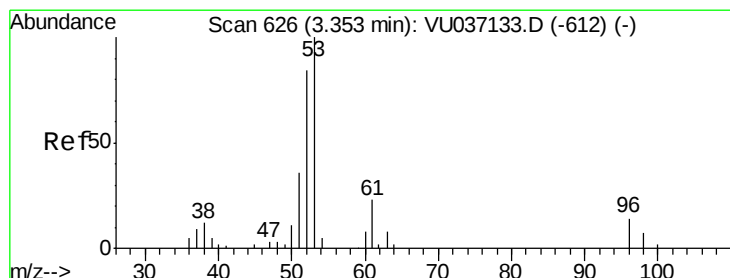
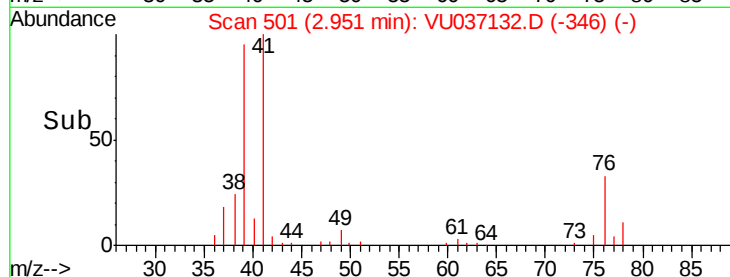
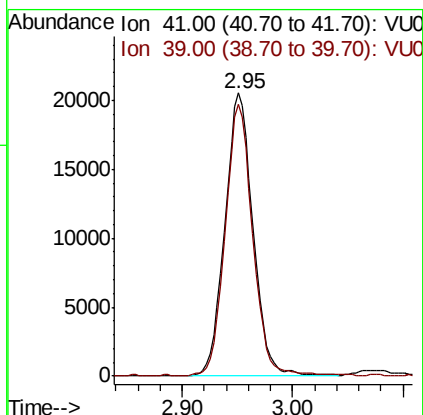
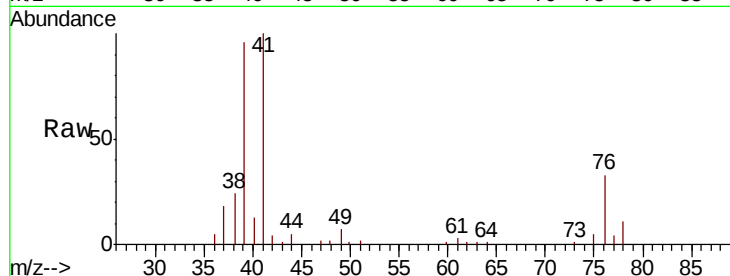




#11
Allvl Chloride
Concen: 5.961 ug/l
RT: 2.95 min Scan# 501
Delta R.T. -0.00 min
Lab File: VU037132.D
Acq: 09 Mar 2020 13:53

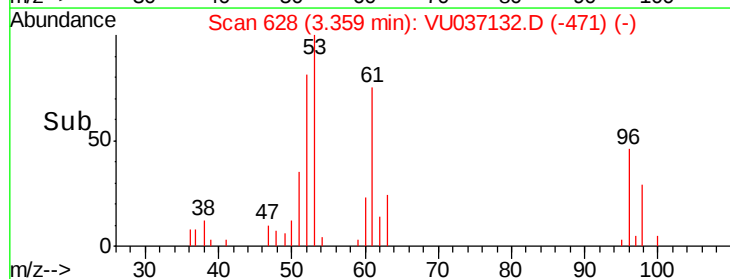
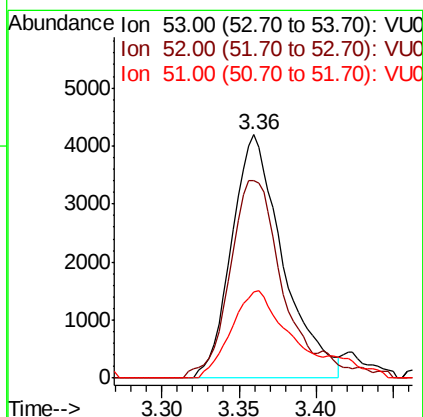
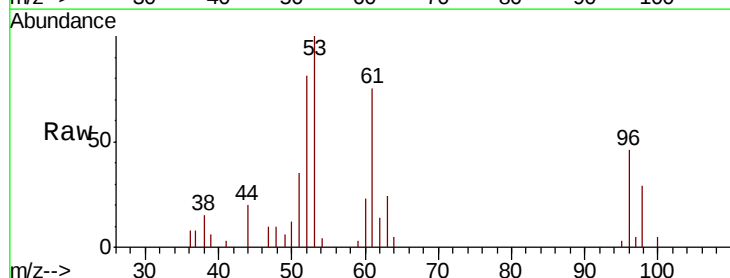
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

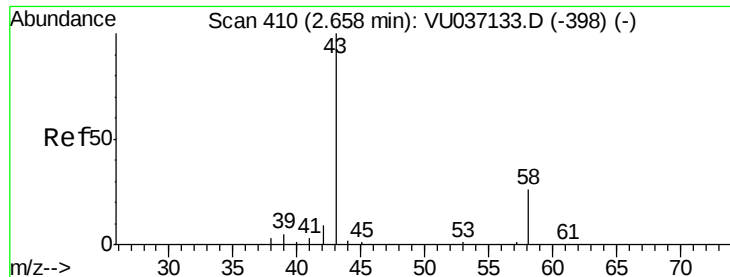
Tot Ion: 41 Resp: 36357
Ion Ratio Lower Upper
41 100
39 93.2 50.7 76.1#



#12
Acrylonitrile
Concen: 8.903 ug/l
RT: 3.36 min Scan# 628
Delta R.T. 0.01 min
Lab File: VU037132.D
Acq: 09 Mar 2020 13:53

Tgt Ion: 53 Resp: 9633
Ion Ratio Lower Upper
53 100
52 84.9 64.6 97.0
51 39.7 27.2 40.8





#13

Acetone

Concen: 27.116 ug/l

RT: 2.66 min Scan# 411

Delta R.T. 0.00 min

Lab File: VU037132.D

Acq: 09 Mar 2020 13:53

Instrument :

MSVOA_U

ClientSampleId :

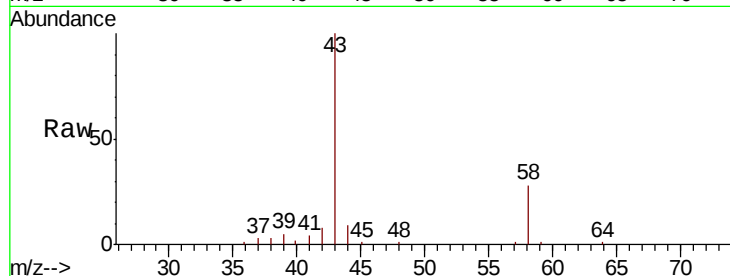
VSTDIC005

Tot Ion: 43 Resp: 23917

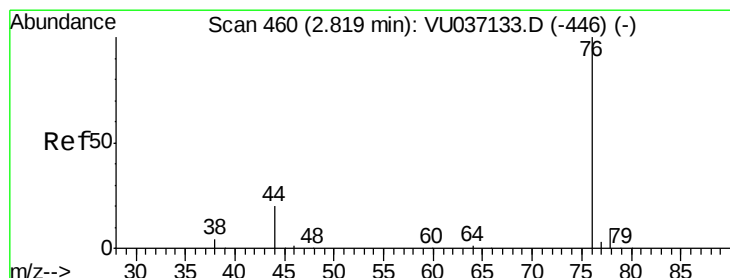
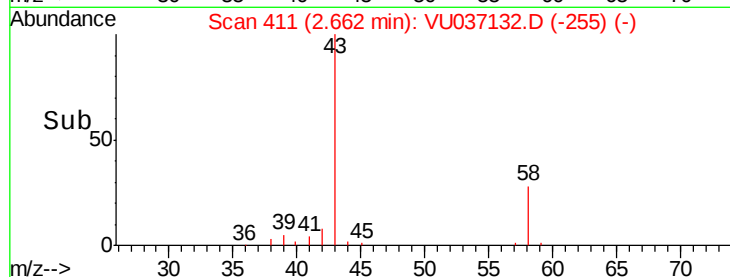
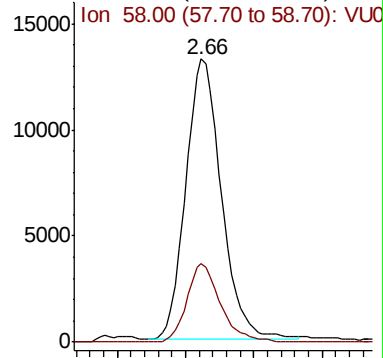
Ion Ratio Lower Upper

43 100

58 27.9 30.8 46.2#



Abundance Ion 43.00 (42.70 to 43.70): VU037132.D (-255) (-)



#14

Carbon Disulfide

Concen: 4.177 ug/l

RT: 2.82 min Scan# 459

Delta R.T. -0.00 min

Lab File: VU037132.D

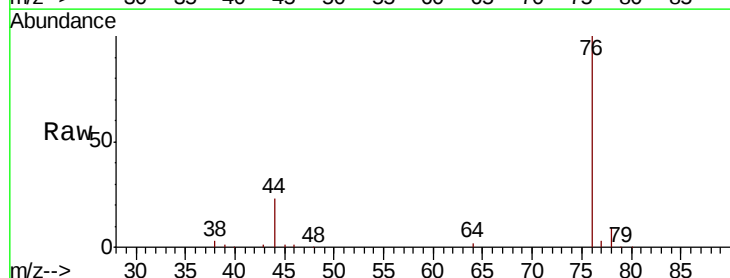
Acq: 09 Mar 2020 13:53

Tgt Ion: 76 Resp: 63810

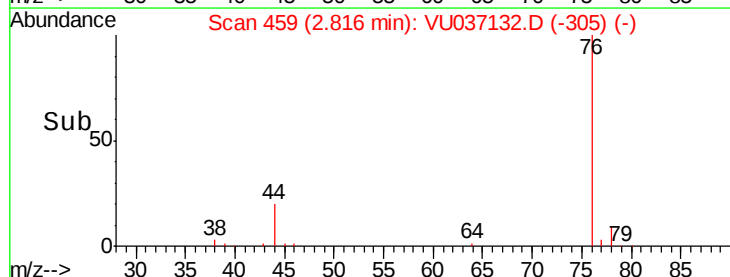
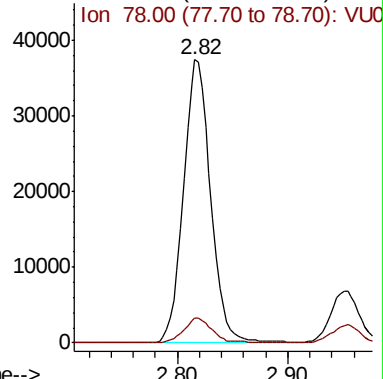
Ion Ratio Lower Upper

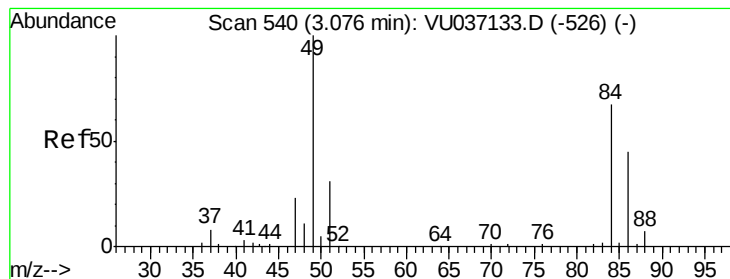
76 100

78 8.9 7.4 11.0



Abundance Ion 76.00 (75.70 to 76.70): VU037132.D (-305) (-)





#15

Methylene Chloride

Concen: 3.688 ug/l

RT: 3.07 min Scan# 539

Delta R.T. -0.00 min

Lab File: VU037132.D

Acq: 09 Mar 2020 13:53

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

Tot Ion: 84 Resp: 21425

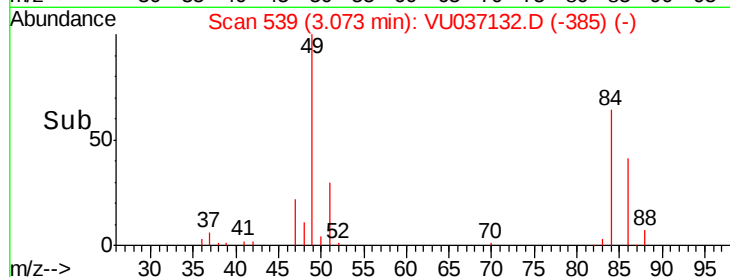
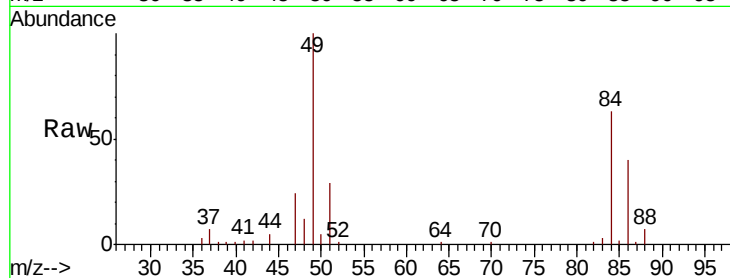
Ion Ratio Lower Upper

84 100

49 158.3 89.7 134.5#

51 46.5 0.0 71.6

86 64.1 51.4 77.2

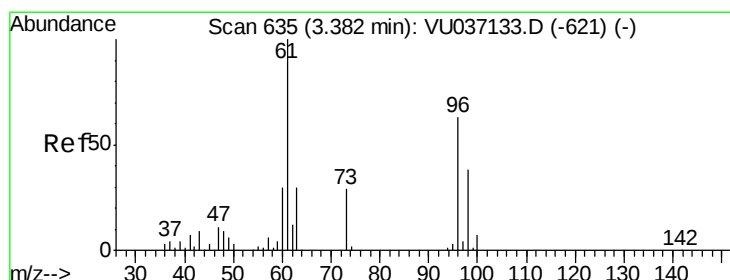
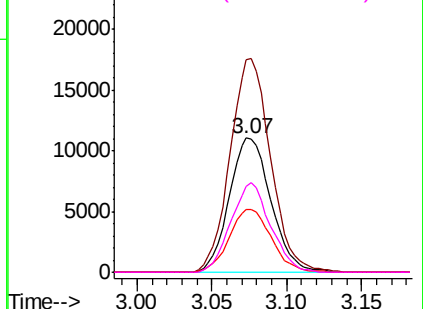


Abundance Ion 84.00 (83.70 to 84.70): VU0

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: 4.200 ug/l

RT: 3.38 min Scan# 635

Delta R.T. -0.00 min

Lab File: VU037132.D

Acq: 09 Mar 2020 13:53

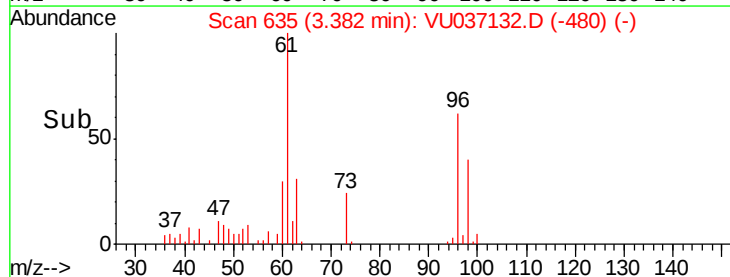
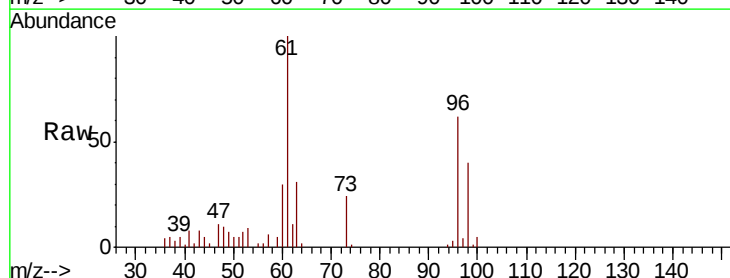
Tgt Ion: 96 Resp: 20439

Ion Ratio Lower Upper

96 100

61 160.2 110.8 166.2

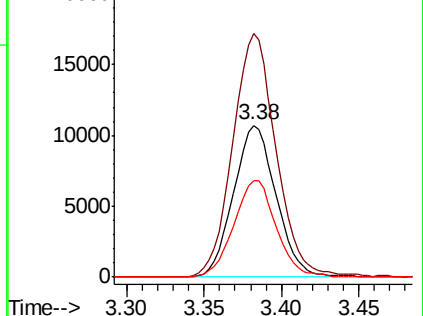
98 63.7 50.3 75.5

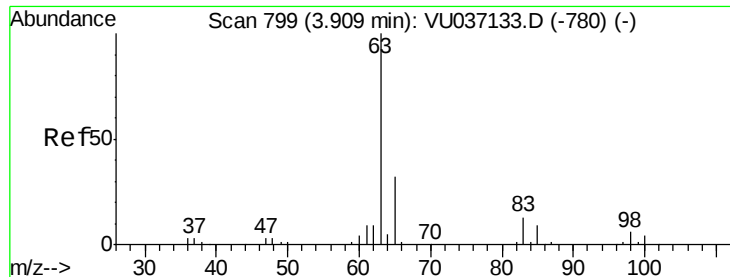


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

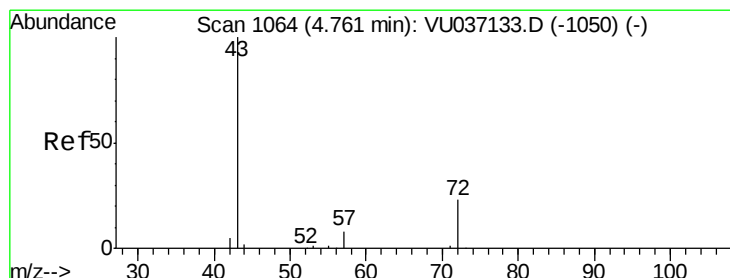
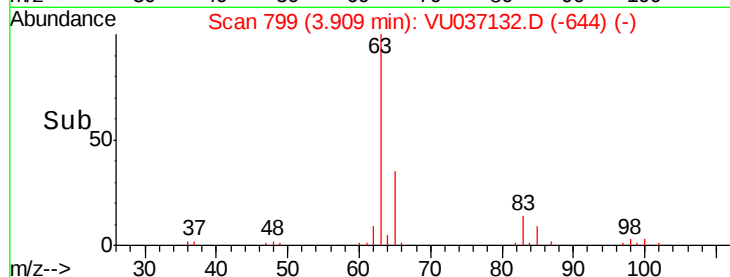
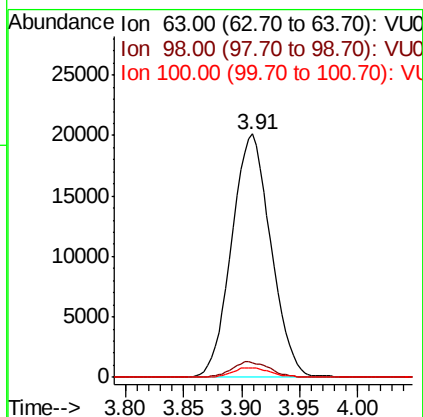
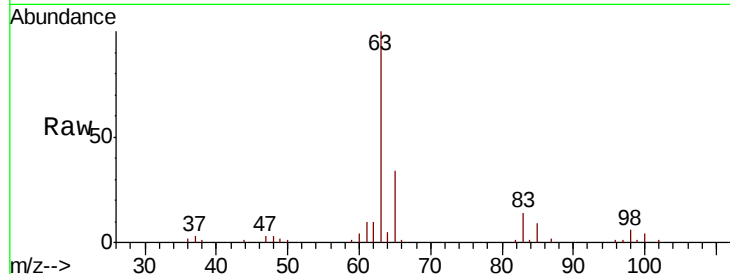




#17
 1,1-Dichloroethane
 Concen: 5.958 ug/l
 RT: 3.91 min Scan# 799
 Delta R.T. -0.00 min
 Lab File: VU037132.D
 Acq: 09 Mar 2020 13:53

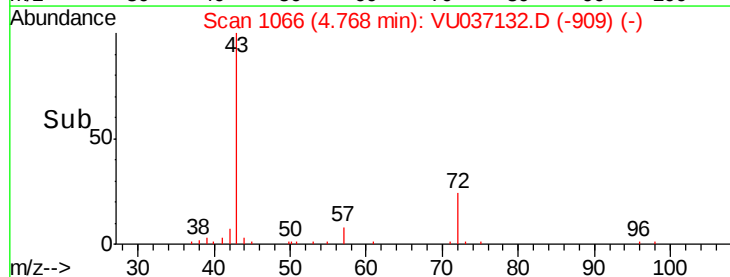
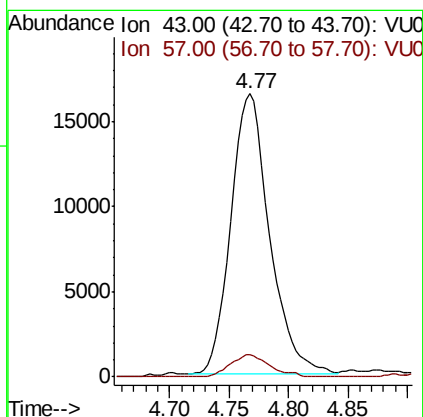
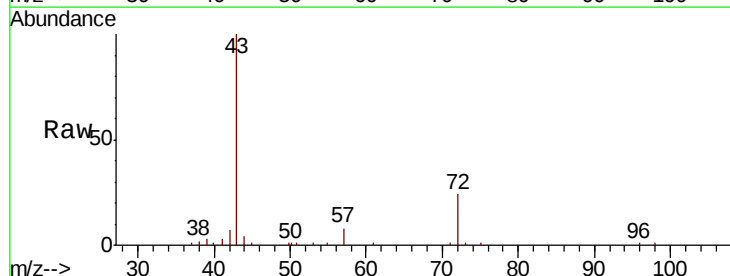
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

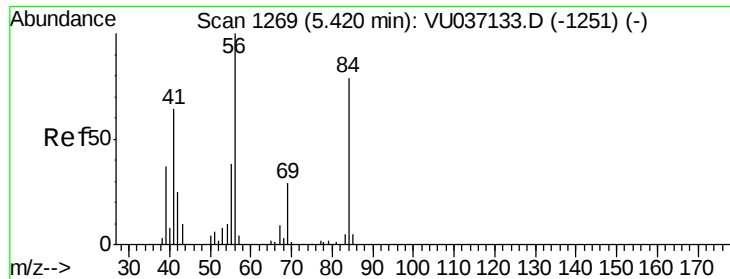
Tot Ion: 63 Resp: 47248
 Ion Ratio Lower Upper
 63 100
 98 6.0 3.5 10.5
 100 4.0 2.4 7.1



#18
 2-Butanone
 Concen: 32.183 ug/l
 RT: 4.77 min Scan# 1066
 Delta R.T. 0.01 min
 Lab File: VU037132.D
 Acq: 09 Mar 2020 13:53

Tgt Ion: 43 Resp: 37384
 Ion Ratio Lower Upper
 43 100
 57 8.1 0.0 17.8





#19

Cyclohexane

Concen: 5.033 ug/l

RT: 5.42 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VU037132.D

Acq: 09 Mar 2020 13:53

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

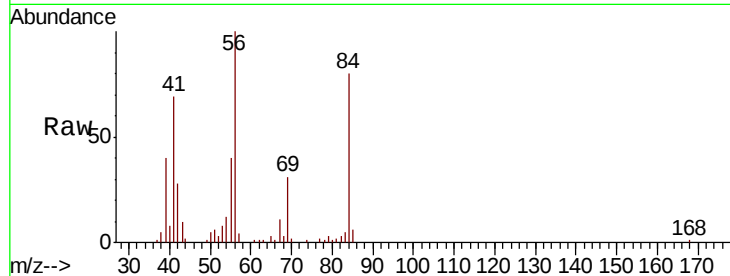
Tot Ion: 56 Resp: 36482

Ion Ratio Lower Upper

56 100

69 33.4 26.2 39.2

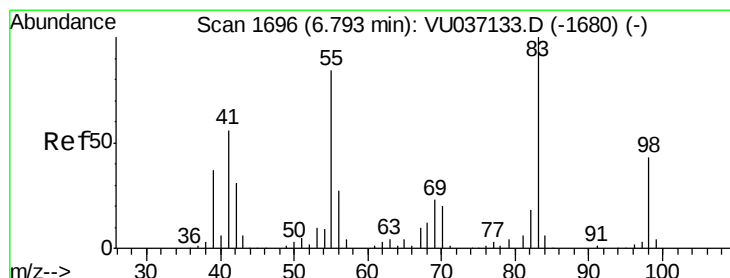
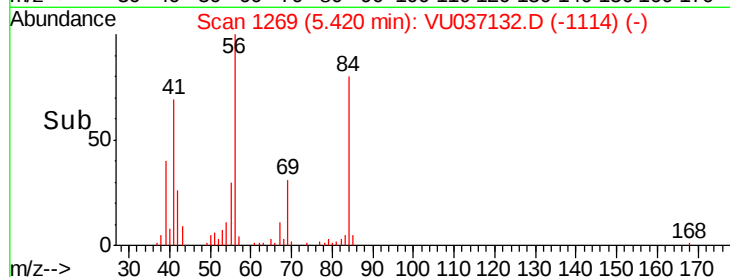
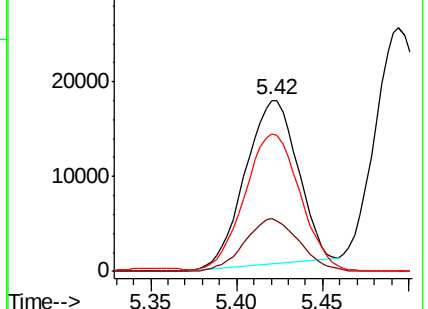
84 88.0 72.8 109.2



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

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

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



#20

Methylcyclohexane

Concen: 4.847 ug/l

RT: 6.79 min Scan# 1695

Delta R.T. -0.00 min

Lab File: VU037132.D

Acq: 09 Mar 2020 13:53

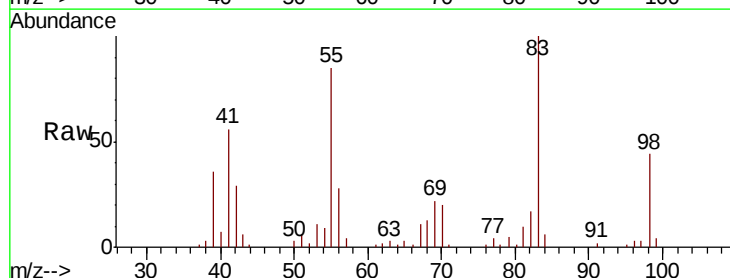
Tgt Ion: 83 Resp: 39227

Ion Ratio Lower Upper

83 100

55 87.5 56.6 85.0#

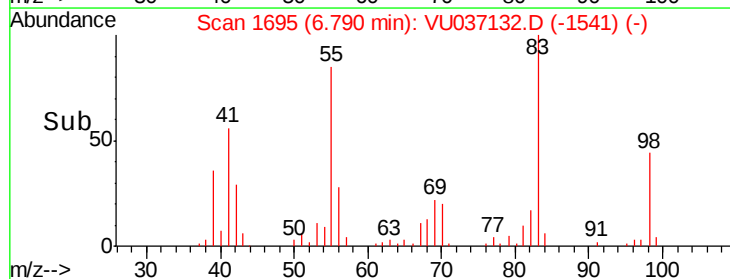
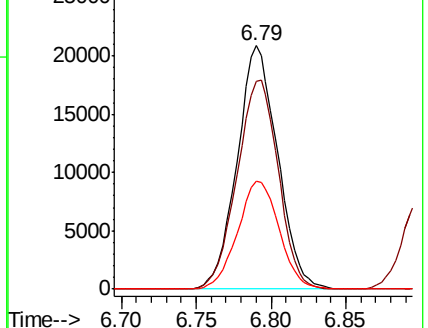
98 45.4 37.5 56.3

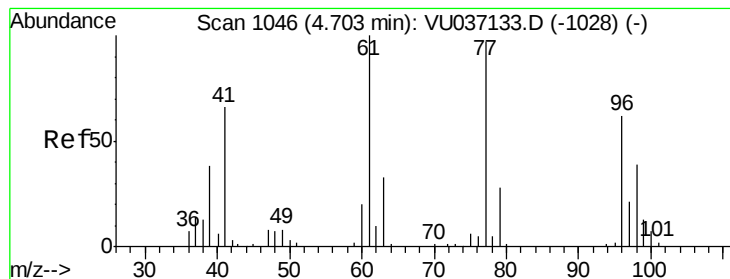


Abundance Ion 83.00 (82.70 to 83.70): VU037133.D (-1680) (-)

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

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





#21

2,2-Dichloropropane

Concen: 6.306 ug/l

RT: 4.71 min Scan# 1047

Delta R.T. 0.00 min

Lab File: VU037132.D

Acq: 09 Mar 2020 13:53

Instrument :

MSVOA_U

ClientSampleId :

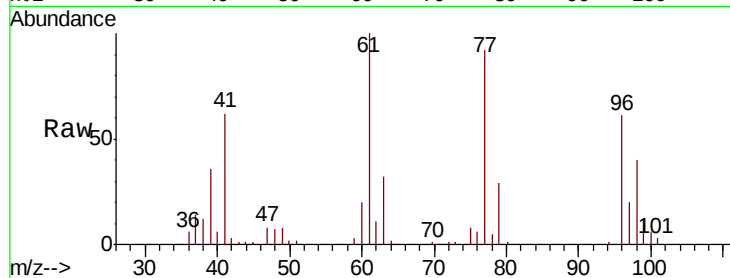
VSTDIC005

Tot Ion: 77 Resp: 42691

Ion Ratio Lower Upper

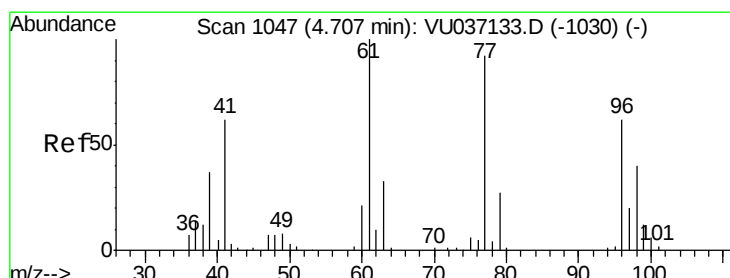
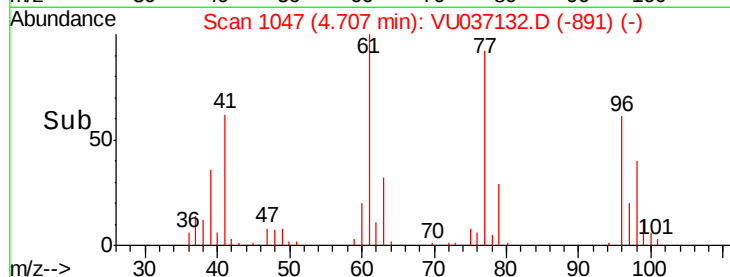
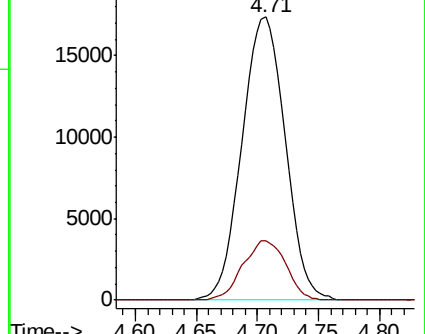
77 100

97 20.8 19.0 28.4



Abundance Ion 77.00 (76.70 to 77.70): VU0

Ion 97.00 (96.70 to 97.70): VU0



#22

cis-1,2-Dichloroethene

Concen: 5.208 ug/l

RT: 4.71 min Scan# 1047

Delta R.T. -0.00 min

Lab File: VU037132.D

Acq: 09 Mar 2020 13:53

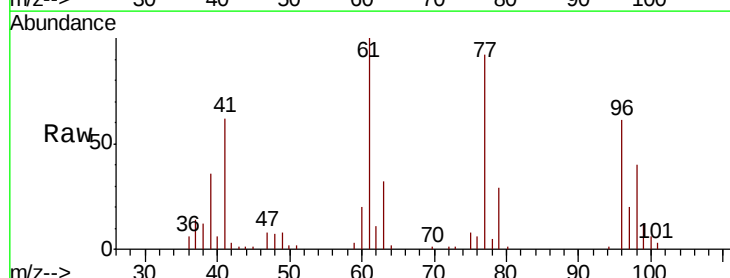
Tgt Ion: 96 Resp: 26294

Ion Ratio Lower Upper

96 100

61 164.7 0.0 342.0

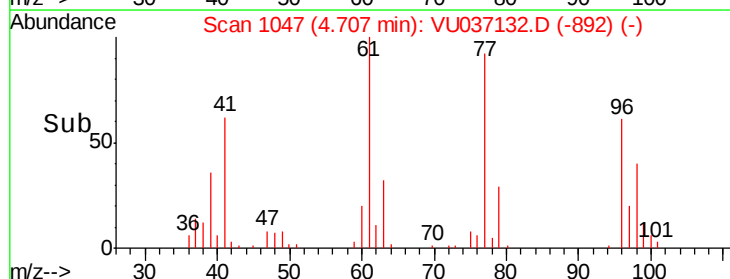
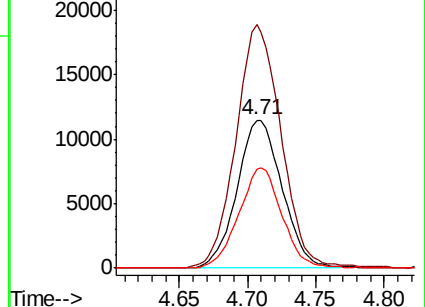
98 64.7 32.0 96.0

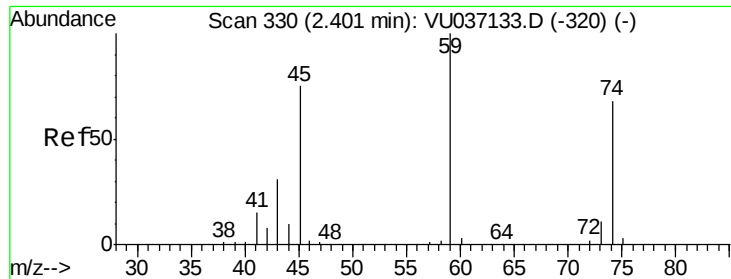


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

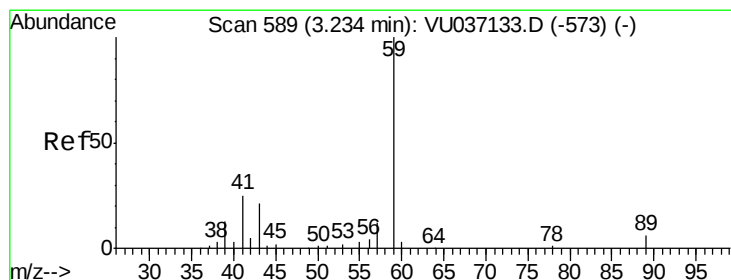
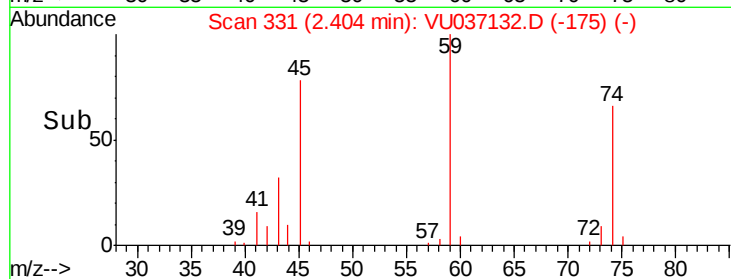
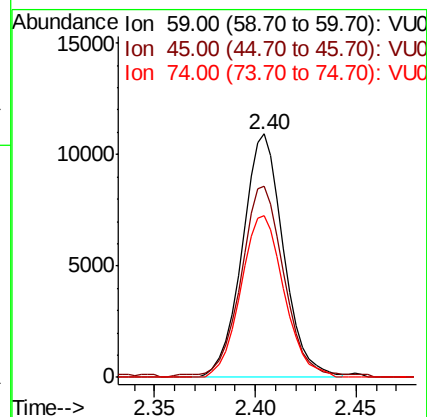
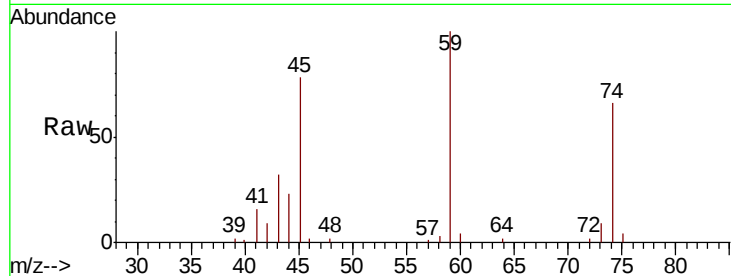




#23
 Diethyl Ether
 Concen: 4.592 ug/l
 RT: 2.40 min Scan# 331
 Delta R.T. 0.00 min
 Lab File: VU037132.D
 Acq: 09 Mar 2020 13:53

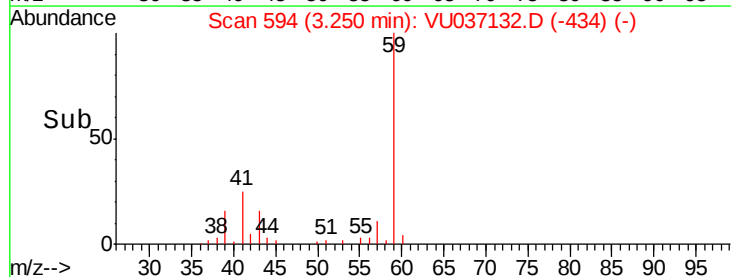
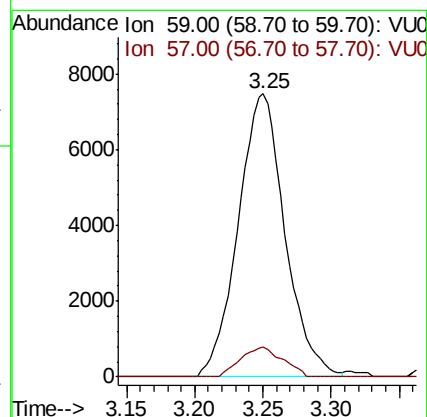
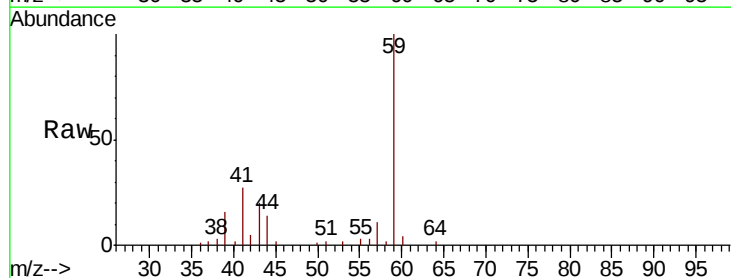
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

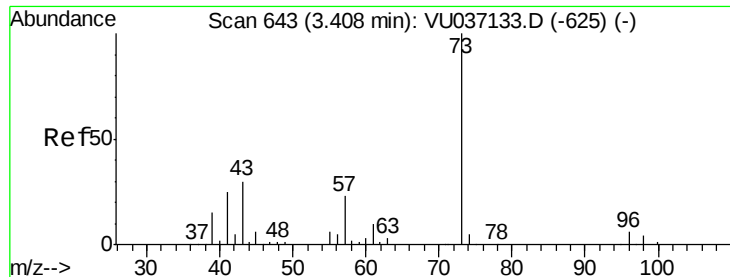
Tot Ion: 59 Resp: 15646
 Ion Ratio Lower Upper
 59 100
 45 82.3 52.4 78.6#
 74 69.6 62.1 93.1



#24
 tert-Butyl Alcohol
 Concen: 58.488 ug/l
 RT: 3.25 min Scan# 594
 Delta R.T. 0.02 min
 Lab File: VU037132.D
 Acq: 09 Mar 2020 13:53

Tgt Ion: 59 Resp: 17812
 Ion Ratio Lower Upper
 59 100
 57 9.6 8.4 12.6





#25

Methyl tert-Butyl Ether

Concen: 4.847 ug/l

RT: 3.41 min Scan# 644

Delta R.T. 0.00 min

Lab File: VU037132.D

Acq: 09 Mar 2020 13:53

Instrument :

MSVOA_U

ClientSampleId :

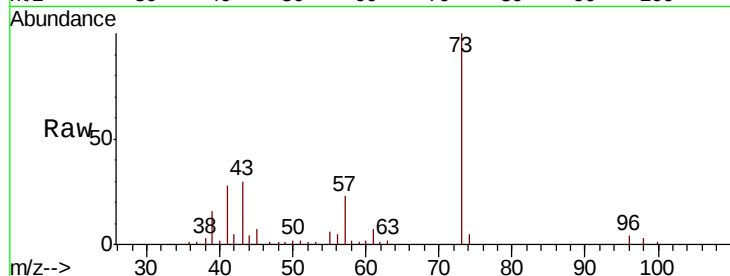
VSTDIC005

Tot Ion: 73 Resp: 56024

Ion Ratio Lower Upper

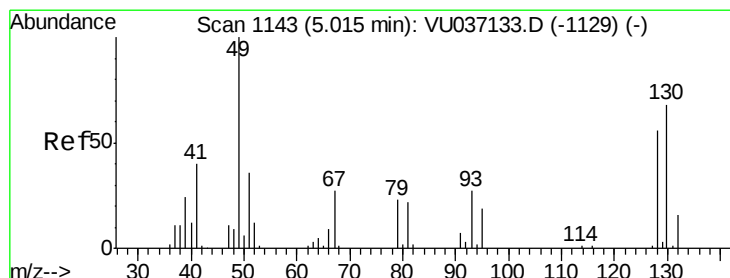
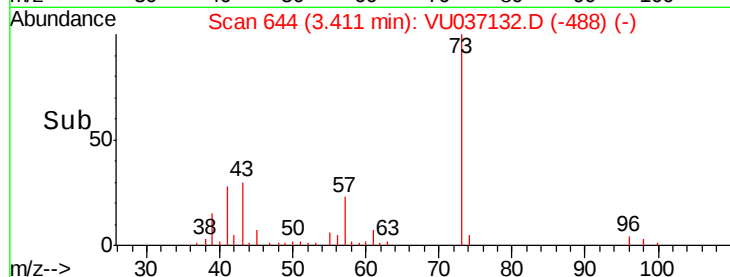
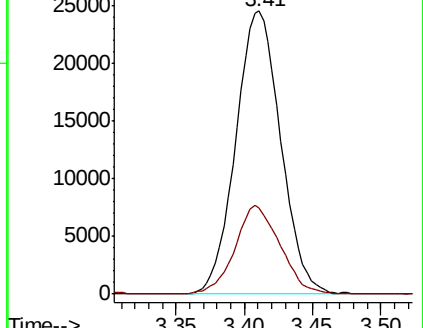
73 100

43 31.4 14.5 21.7#



Abundance Ion 73.00 (72.70 to 73.70): VU037132.D (-625) (-)

Ion 43.00 (42.70 to 43.70): VU037132.D (-625) (-)



#26

Bromochloromethane

Concen: 5.226 ug/l

RT: 5.02 min Scan# 1143

Delta R.T. -0.00 min

Lab File: VU037132.D

Acq: 09 Mar 2020 13:53

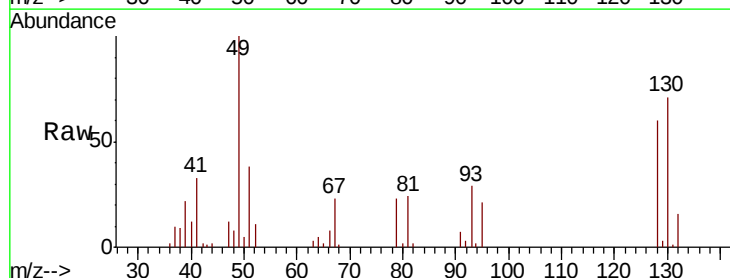
Tgt Ion: 128 Resp: 11427

Ion Ratio Lower Upper

128 100

49 184.5 0.0 286.2

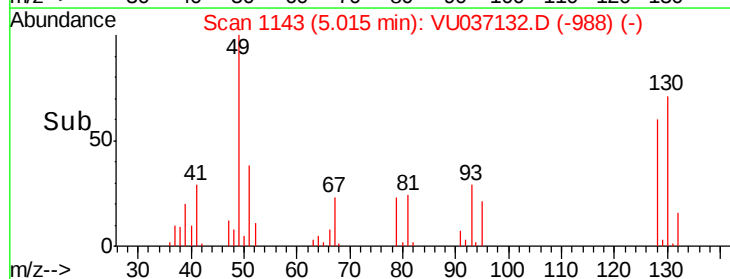
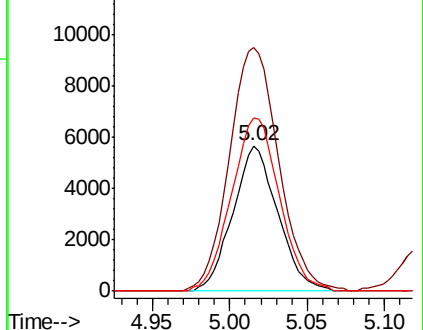
130 128.2 104.3 156.5

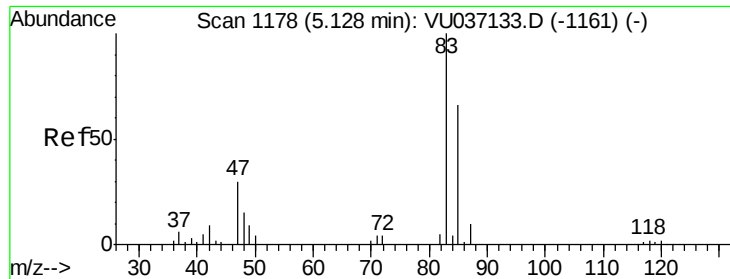


Abundance Ion 128.00 (127.70 to 128.70): VU037132.D (-988) (-)

Ion 49.00 (48.70 to 49.70): VU037132.D (-988) (-)

Ion 130.00 (129.70 to 130.70): VU037132.D (-988) (-)

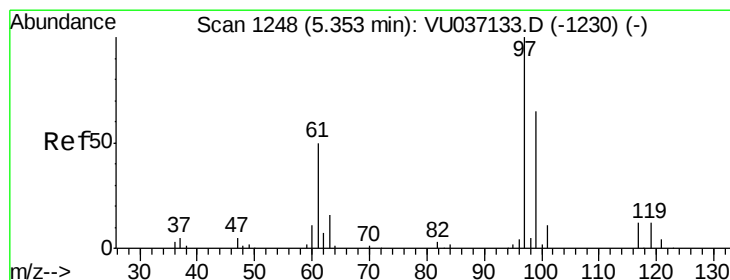
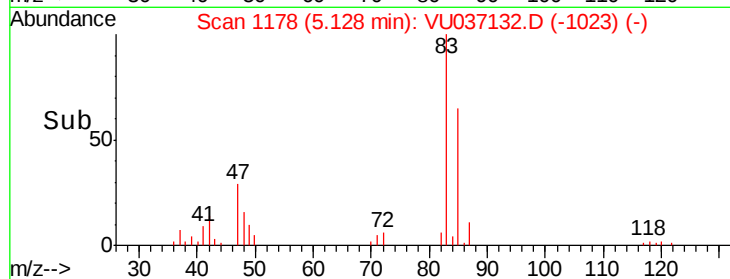
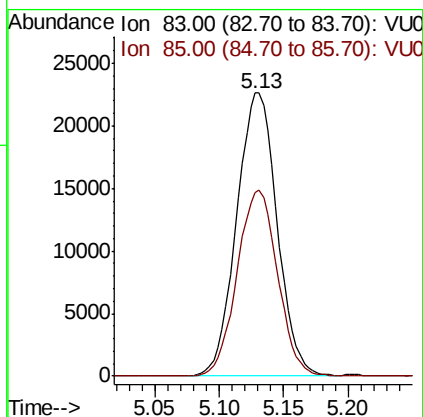
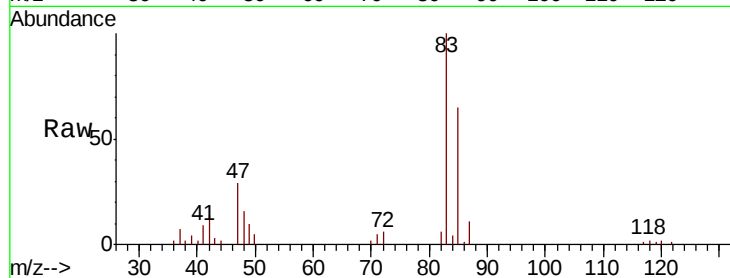




#27
Chloroform
Concen: 6.306 ug/l
RT: 5.13 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VU037132.D
Acq: 09 Mar 2020 13:53

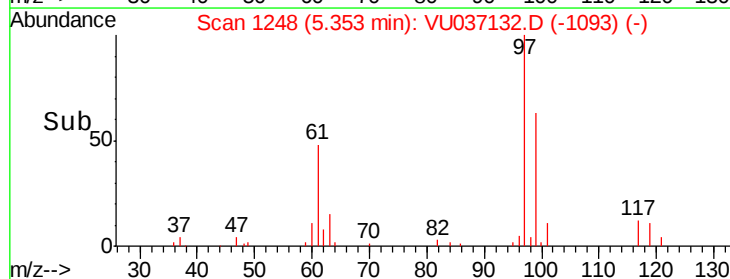
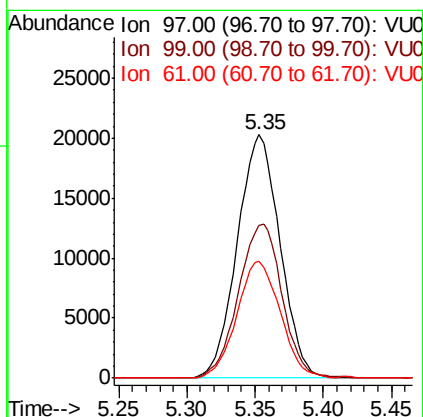
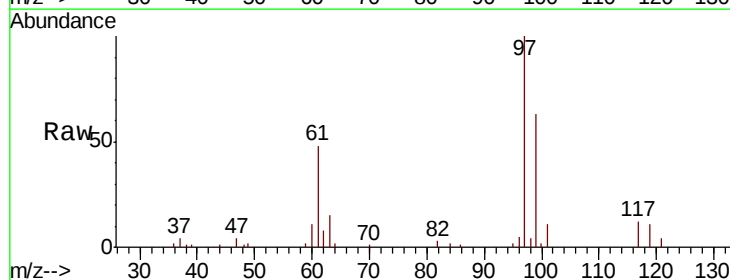
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

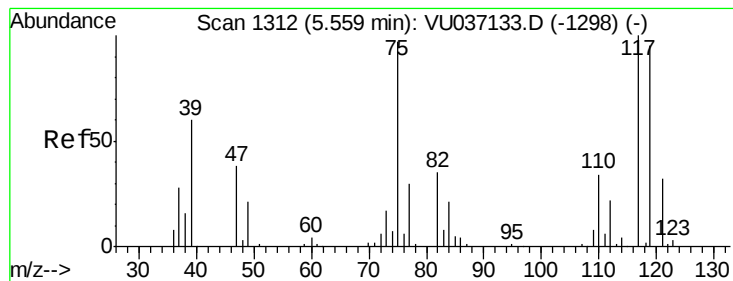
Tot Ion: 83 Resp: 49462
Ion Ratio Lower Upper
83 100
85 64.7 0.0 129.0



#28
1,1,1-Trichloroethane
Concen: 6.708 ug/l
RT: 5.35 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VU037132.D
Acq: 09 Mar 2020 13:53

Tgt Ion: 97 Resp: 44116
Ion Ratio Lower Upper
97 100
99 64.7 32.1 96.3
61 48.7 22.7 68.0





#29

1,1-Dichloropropene

Concen: 5.786 ug/l

RT: 5.56 min Scan# 1313

Delta R.T. 0.00 min

Lab File: VU037132.D

Acq: 09 Mar 2020 13:53

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

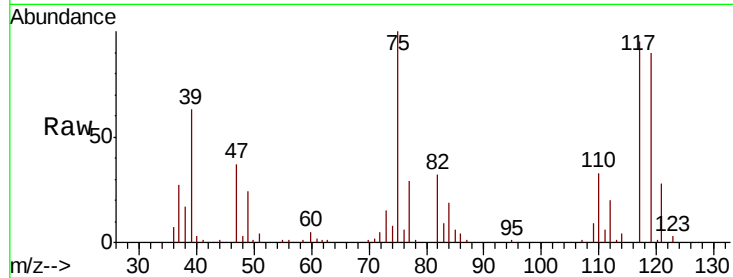
Tot Ion: 75 Resp: 37140

Ion Ratio Lower Upper

75 100

110 33.9 18.6 55.8

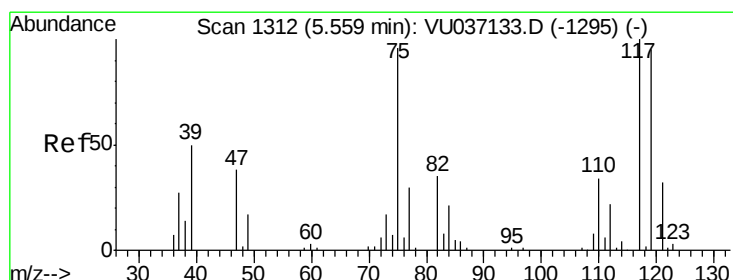
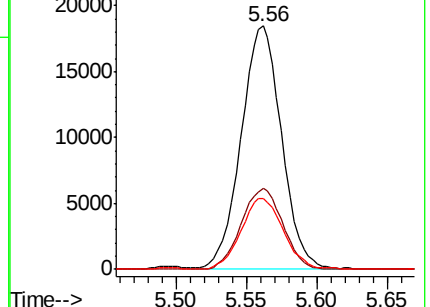
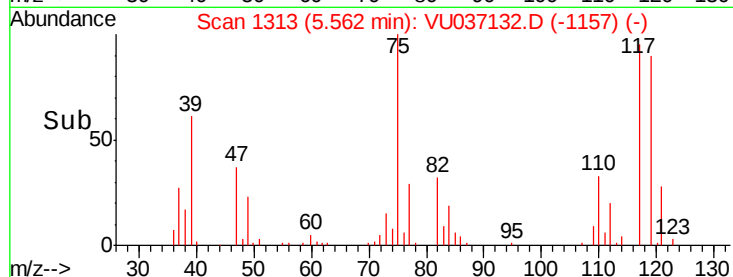
77 30.4 25.0 37.4



Abundance Ion 75.00 (74.70 to 75.70): VU037132.D (-1298) (-)

Ion 110.00 (109.70 to 110.70): VU037132.D (-1298) (-)

Ion 77.00 (76.70 to 77.70): VU037132.D (-1298) (-)



#30

Carbon Tetrachloride

Concen: 6.878 ug/l

RT: 5.56 min Scan# 1312

Delta R.T. -0.00 min

Lab File: VU037132.D

Acq: 09 Mar 2020 13:53

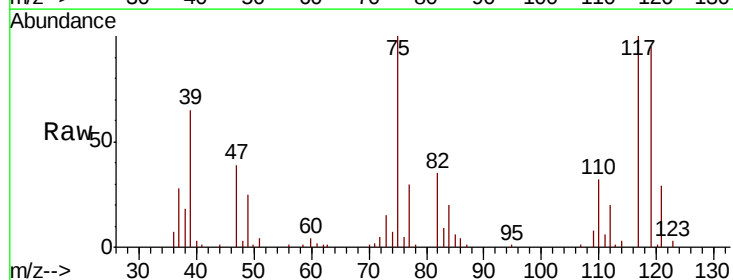
Tgt Ion: 117 Resp: 38733

Ion Ratio Lower Upper

117 100

119 94.6 77.0 115.6

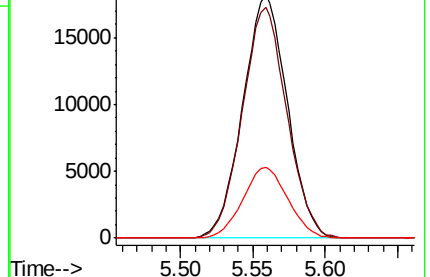
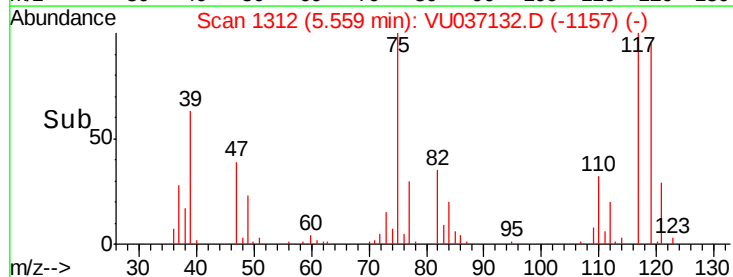
121 28.9 23.3 34.9

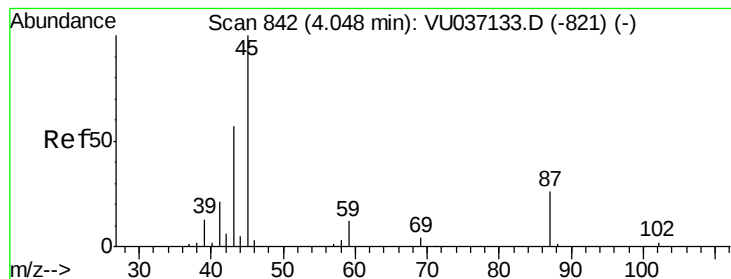


Abundance Ion 117.00 (116.70 to 117.70): VU037132.D (-1295) (-)

Ion 119.00 (118.70 to 119.70): VU037132.D (-1295) (-)

Ion 121.00 (120.70 to 121.70): VU037132.D (-1295) (-)





#31

Isopropyl Ether

Concen: 6.251 ug/l

RT: 4.05 min Scan# 842

Delta R.T. -0.00 min

Lab File: VU037132.D

Acq: 09 Mar 2020 13:53

Instrument :

MSVOA_U

ClientSampleId :

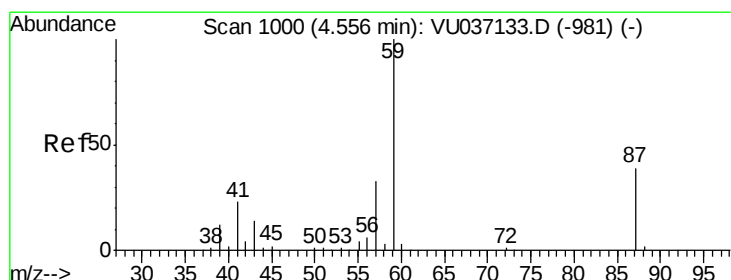
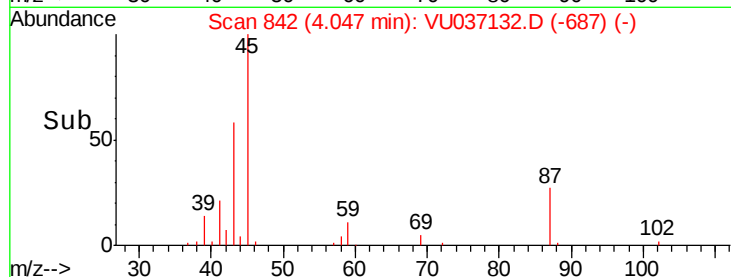
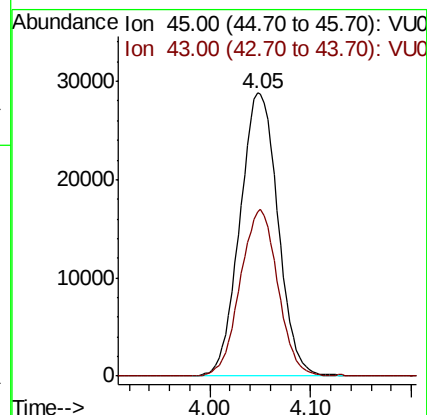
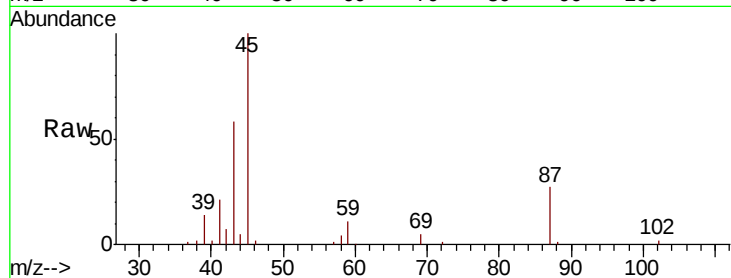
VSTDIC005

Tot Ion: 45 Resp: 75239

Ion Ratio Lower Upper

45 100

43 58.3 24.0 72.0



#32

Ethyl-t-butyl ether

Concen: 5.652 ug/l

RT: 4.56 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VU037132.D

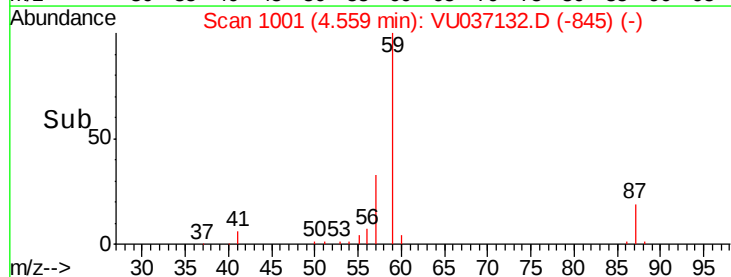
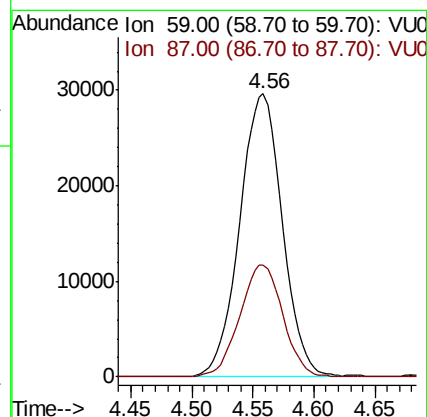
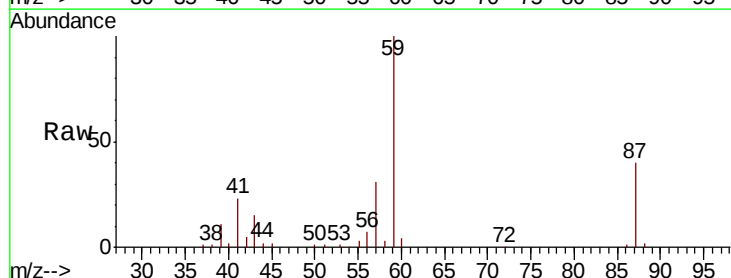
Acq: 09 Mar 2020 13:53

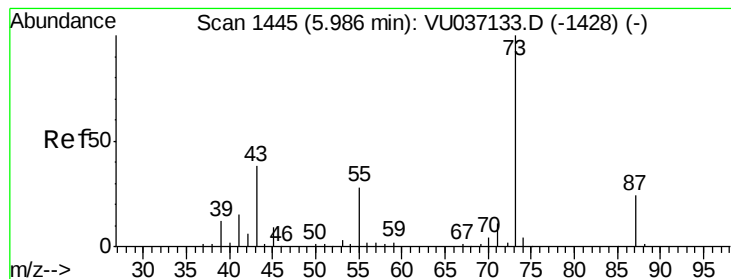
Tgt Ion: 59 Resp: 71189

Ion Ratio Lower Upper

59 100

87 40.1 35.1 52.7



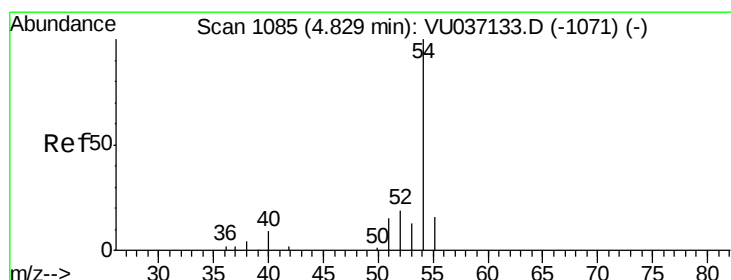
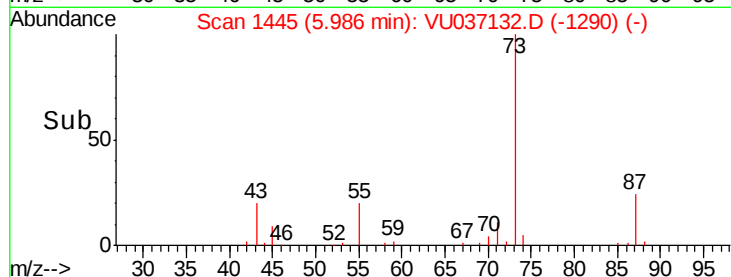
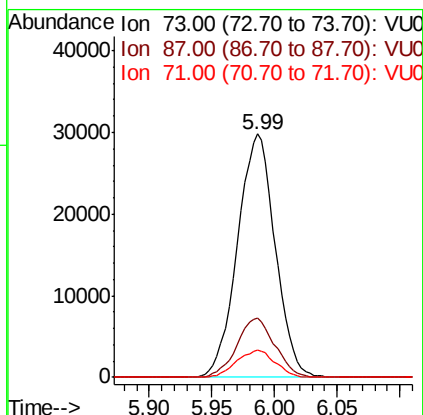
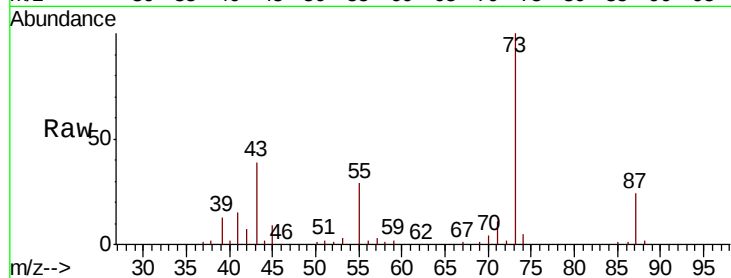


#33

Tert-Butyl methyl ether
 Concen: 5.391 ug/l
 RT: 5.99 min Scan# 1445
 Delta R.T. -0.00 min
 Lab File: VU037132.D
 Acq: 09 Mar 2020 13:53

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

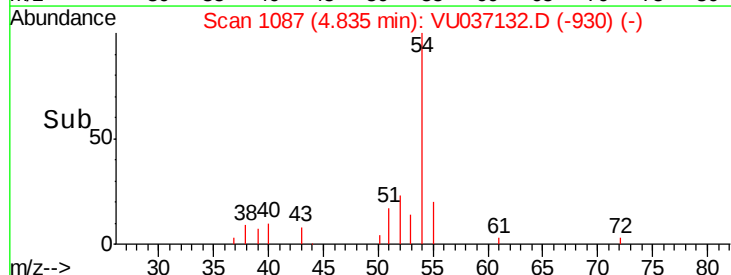
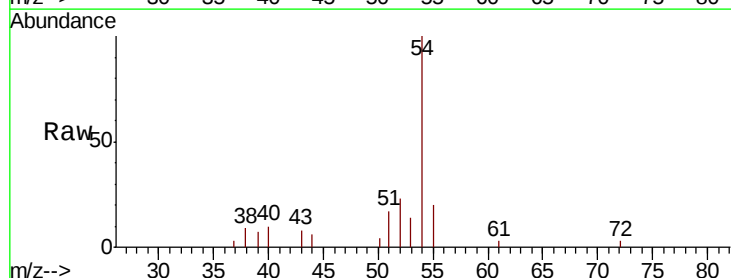
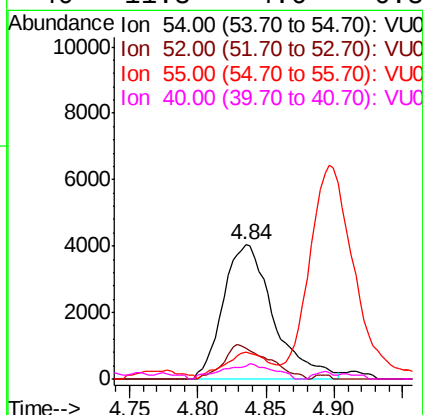
Tot Ion	Ratio	Lower	Upper
73	100		
87	24.5	19.8	29.6
71	11.4	9.1	13.7

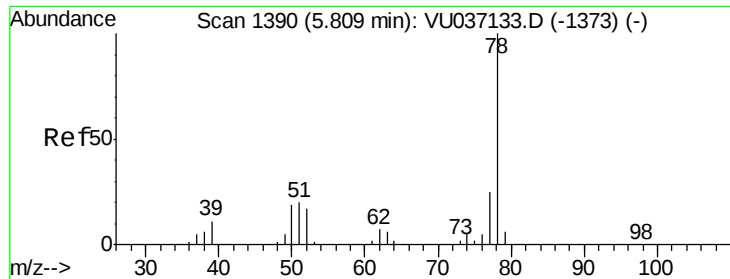


#34

Propionitrile
 Concen: 30.887 ug/l
 RT: 4.84 min Scan# 1087
 Delta R.T. 0.01 min
 Lab File: VU037132.D
 Acq: 09 Mar 2020 13:53

Tgt Ion	Ratio	Lower	Upper
54	100		
52	22.7	15.2	22.8
55	17.9	9.5	14.3#
40	11.3	4.6	6.8#





#35

Benzene

Concen: 5.480 ug/l

RT: 5.81 min Scan# 1390

Delta R.T. -0.00 min

Lab File: VU037132.D

Acq: 09 Mar 2020 13:53

Instrument :

MSVOA_U

ClientSampleId :

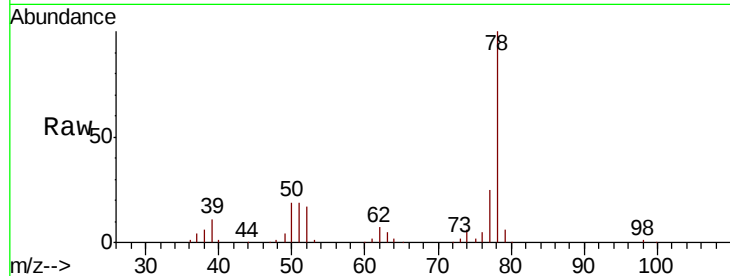
VSTDIC005

Tot Ion: 78 Resp: 101860

Ion Ratio Lower Upper

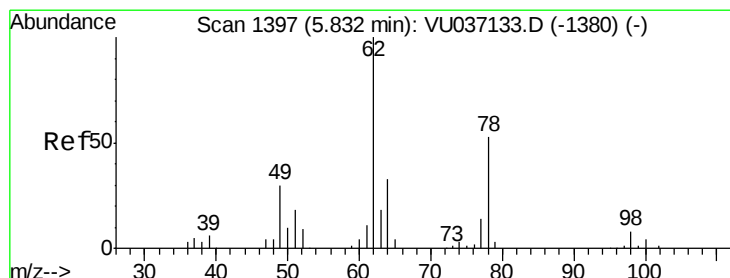
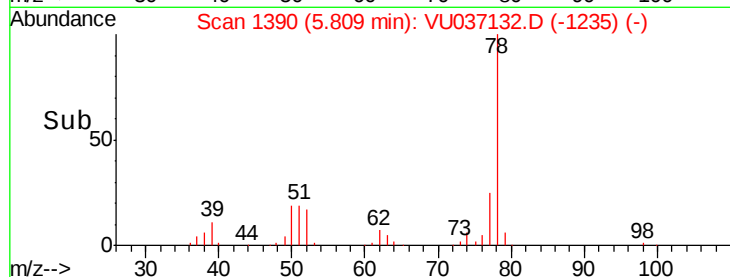
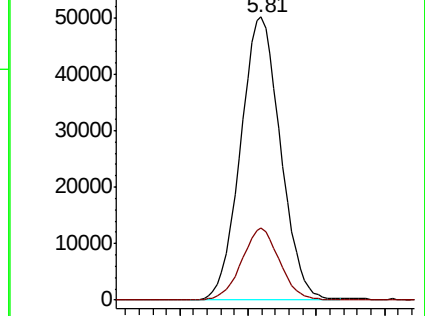
78 100

77 25.4 19.4 29.0



Abundance Ion 78.10 (77.80 to 78.80): VU037132.D (-1373) (-)

Ion 77.00 (76.70 to 77.70): VU037132.D (-1373) (-)



#36

1,2-Dichloroethane

Concen: 7.275 ug/l

RT: 5.84 min Scan# 1398

Delta R.T. 0.00 min

Lab File: VU037132.D

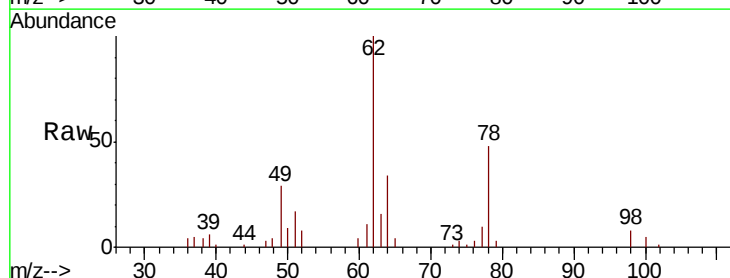
Acq: 09 Mar 2020 13:53

Tgt Ion: 62 Resp: 36400

Ion Ratio Lower Upper

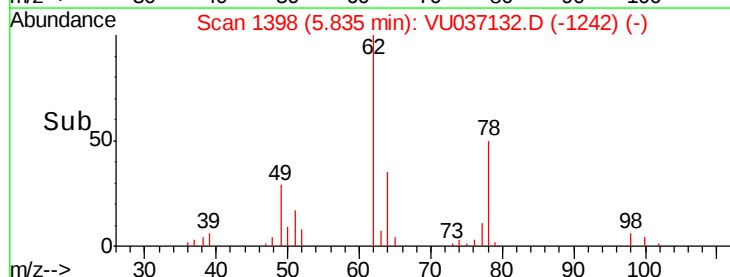
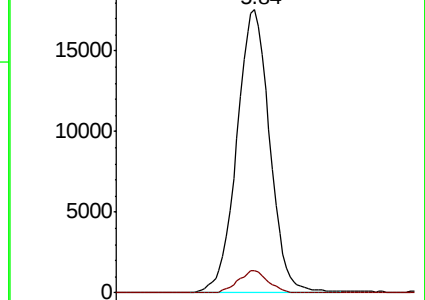
62 100

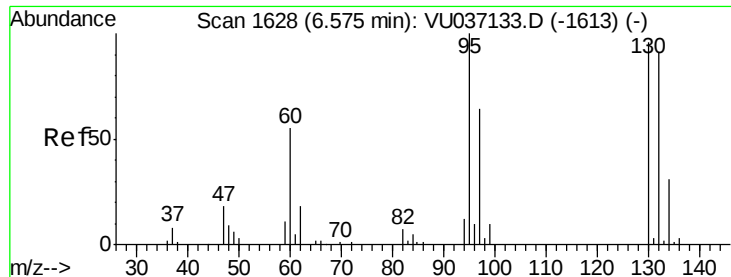
98 7.0 7.8 11.8#



Abundance Ion 62.00 (61.70 to 62.70): VU037132.D (-1380) (-)

Ion 98.00 (97.70 to 98.70): VU037132.D (-1380) (-)

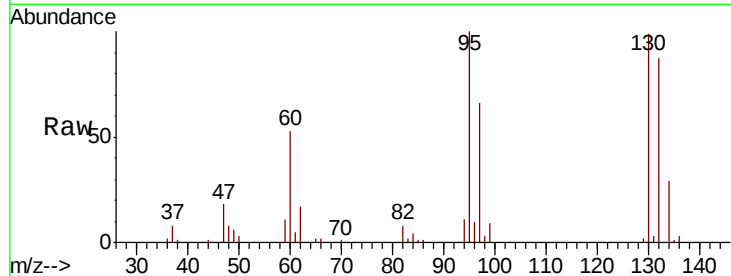




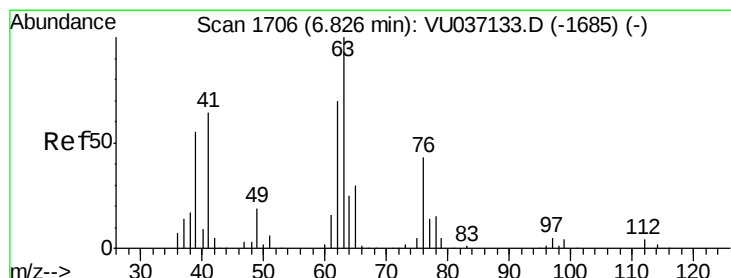
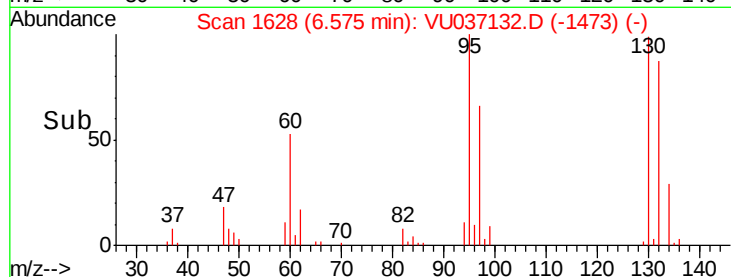
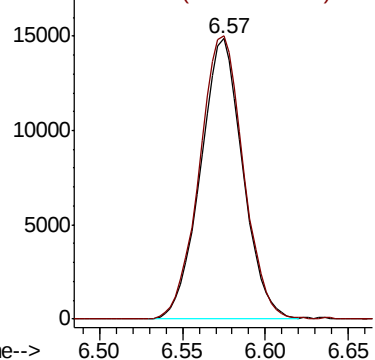
#37
 Trichloroethene
 Concen: 5.124 ug/l
 RT: 6.57 min Scan# 1628
 Delta R.T. -0.00 min
 Lab File: VU037132.D
 Acq: 09 Mar 2020 13:53

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Tot Ion:130 Resp: 26296
 Ion Ratio Lower Upper
 130 100
 95 100.9 77.0 115.4

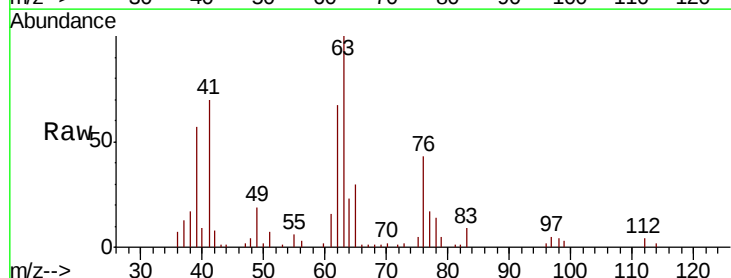


Abundance Ion 129.90 (129.60 to 130.60): VU037132.D (-1613) (-)
 Ion 94.90 (94.60 to 95.60): VU037132.D (-1613) (-)

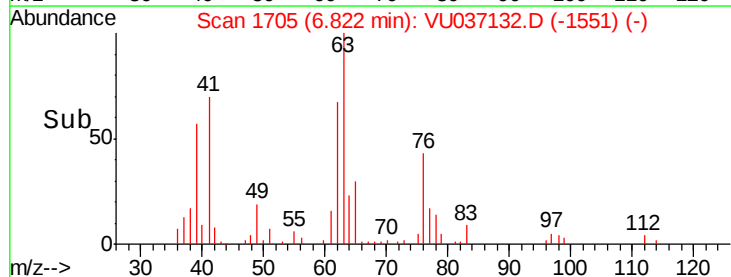
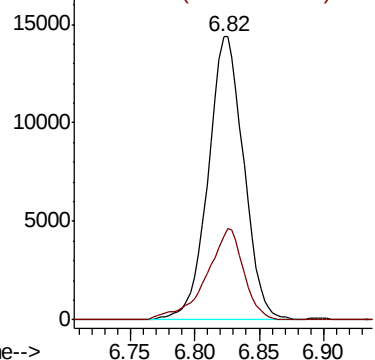


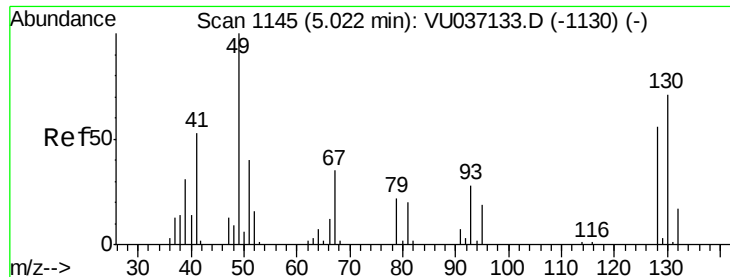
#38
 1,2-Dichloropropane
 Concen: 5.917 ug/l
 RT: 6.82 min Scan# 1705
 Delta R.T. -0.00 min
 Lab File: VU037132.D
 Acq: 09 Mar 2020 13:53

Tgt Ion: 63 Resp: 27651
 Ion Ratio Lower Upper
 63 100
 65 29.7 24.7 37.1



Abundance Ion 63.00 (62.70 to 63.70): VU037132.D (-1551) (-)
 Ion 65.00 (64.70 to 65.70): VU037132.D (-1551) (-)

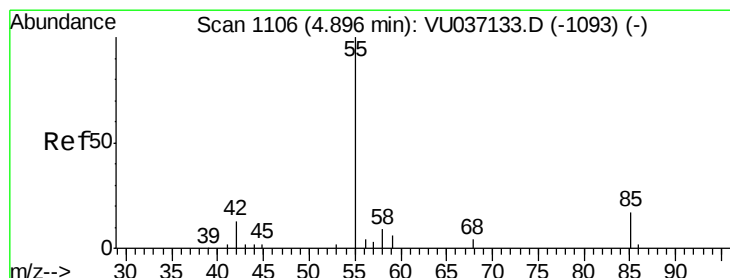
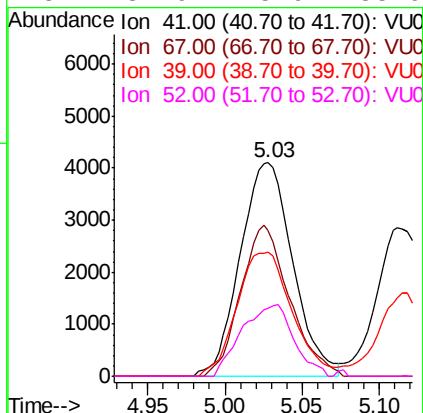
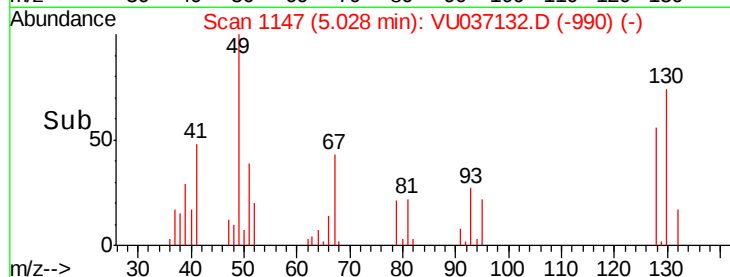
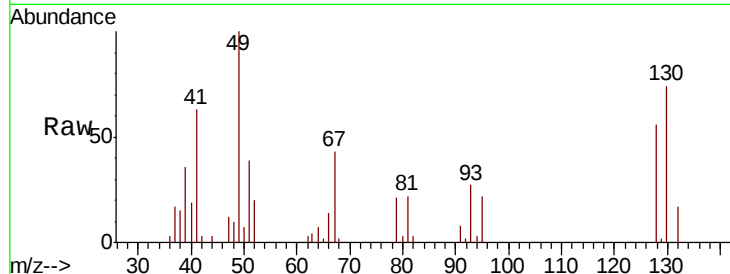




#39
Methacrylonitrile
Concen: 6.900 ug/l
RT: 5.03 min Scan# 1147
Delta R.T. 0.01 min
Lab File: VU037132.D
Acq: 09 Mar 2020 13:53

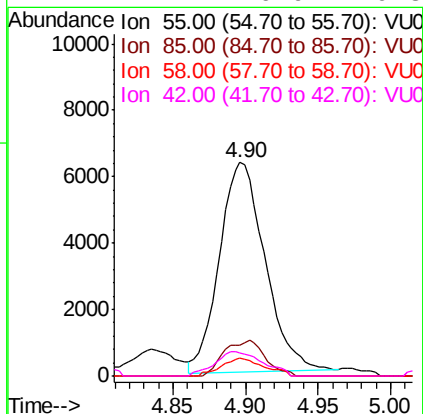
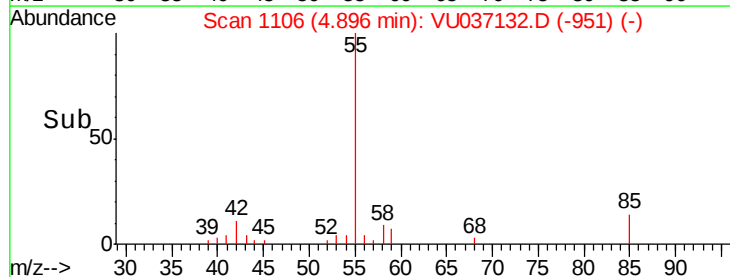
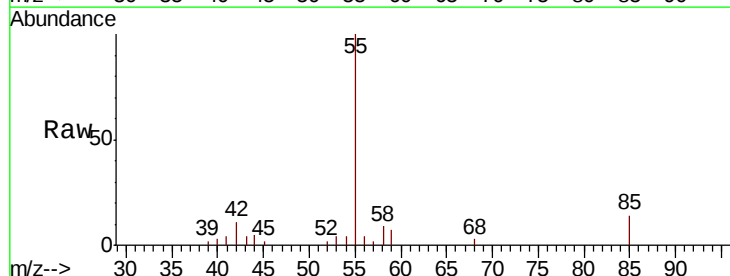
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

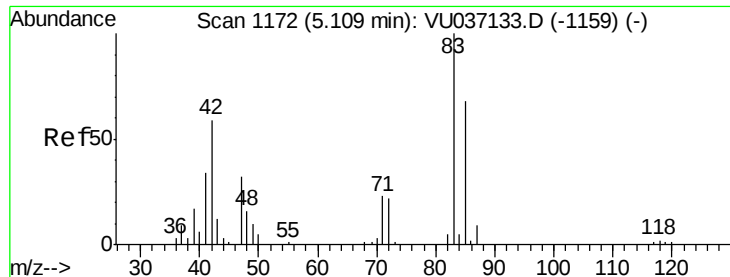
Tot Ion: 41 Resp: 9710
Ion Ratio Lower Upper
41 100
67 65.5 69.6 104.4#
39 60.7 41.6 62.4
52 32.9 25.9 38.9



#40
Methyl acrylate
Concen: 6.215 ug/l
RT: 4.90 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VU037132.D
Acq: 09 Mar 2020 13:53

Tgt Ion: 55 Resp: 13861
Ion Ratio Lower Upper
55 100
85 15.2 14.7 22.1
58 7.9 7.1 10.7
42 12.2 6.9 10.3#





#41

Tetrahydrofuran

Concen: 12.777 ug/l

RT: 5.11 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VU037132.D

Acq: 09 Mar 2020 13:53

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

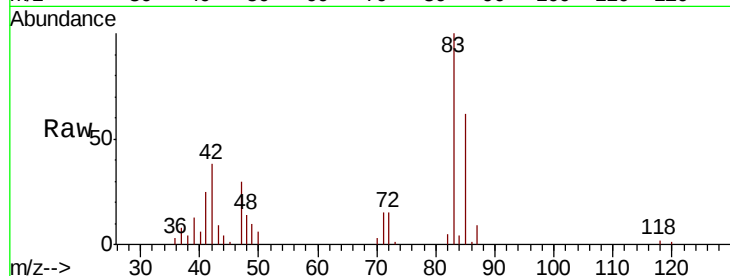
Tot Ion: 42 Resp: 9796

Ion Ratio Lower Upper

42 100

72 42.2 42.5 63.7#

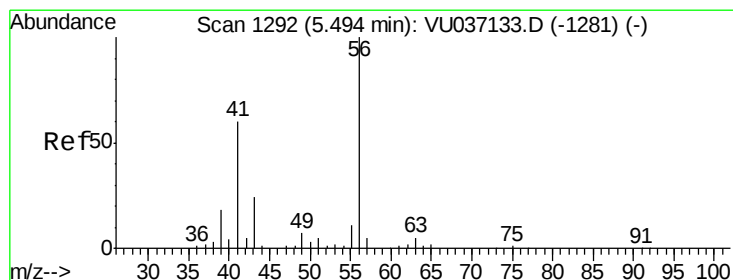
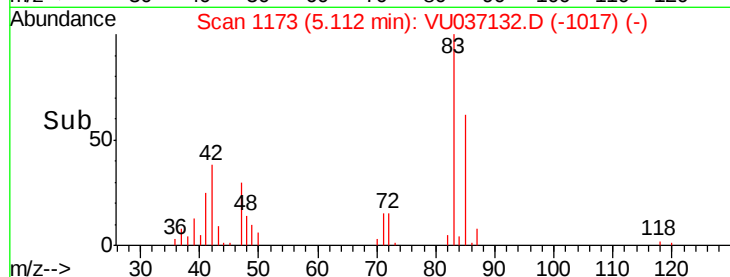
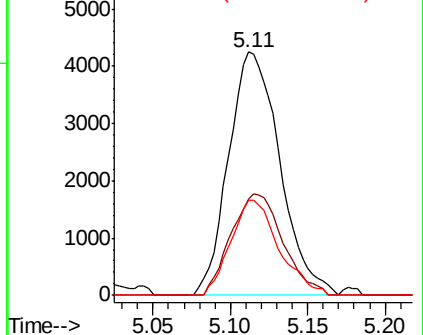
71 36.8 37.3 55.9#



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: 6.178 ug/l

RT: 5.49 min Scan# 1292

Delta R.T. -0.00 min

Lab File: VU037132.D

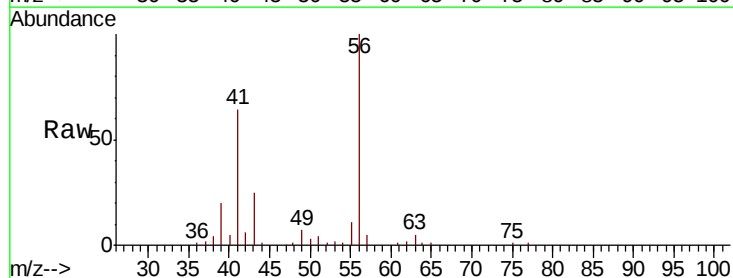
Acq: 09 Mar 2020 13:53

Tgt Ion: 56 Resp: 51375

Ion Ratio Lower Upper

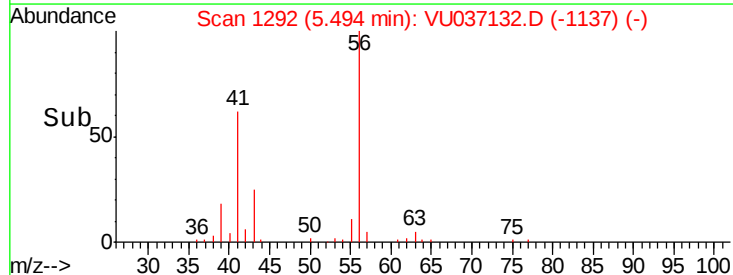
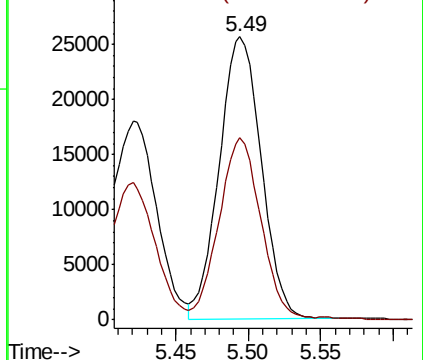
56 100

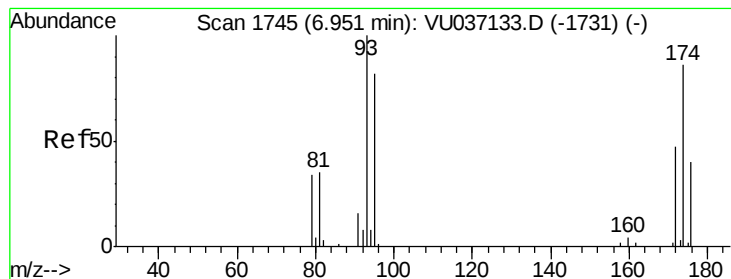
41 63.0 24.8 74.3



Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 41.00 (40.70 to 41.70): VU0





#43

Dibromomethane

Concen: 5.949 ug/l

RT: 6.95 min Scan# 1745

Delta R.T. -0.00 min

Lab File: VU037132.D

Acq: 09 Mar 2020 13:53

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

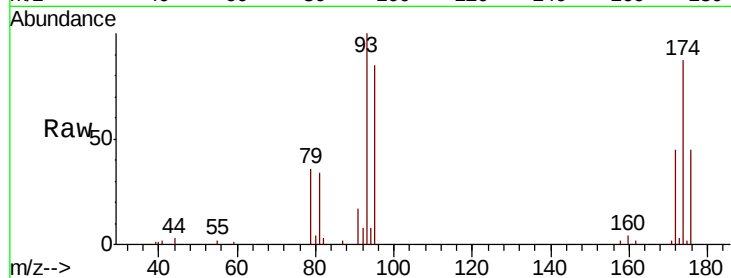
Tot Ion: 93 Resp: 14511

Ion Ratio Lower Upper

93 100

95 82.5 67.9 101.9

174 89.3 83.4 125.0

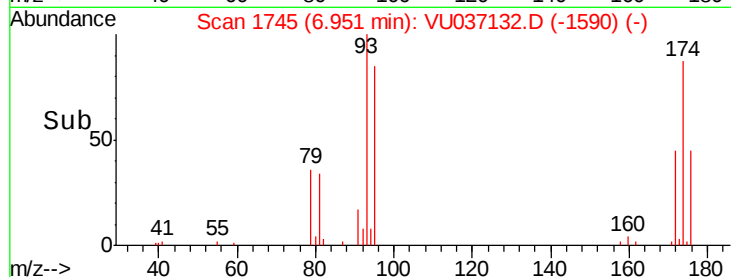


Abundance Ion 93.00 (92.70 to 93.70): VU037133.D (-1731) (-)

Ion 95.00 (94.70 to 95.70): VU037133.D (-1731) (-)

Ion 174.00 (173.70 to 174.70): VU037133.D (-1731) (-)

Time-->



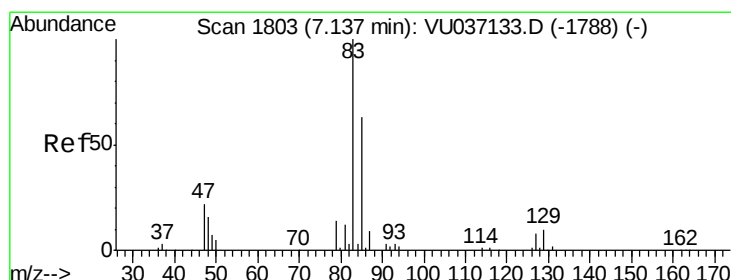
Abundance

Ion 93.00 (92.70 to 93.70): VU037133.D (-1731) (-)

Ion 95.00 (94.70 to 95.70): VU037133.D (-1731) (-)

Ion 174.00 (173.70 to 174.70): VU037133.D (-1731) (-)

Time-->



#44

Bromodichloromethane

Concen: 6.447 ug/l

RT: 7.14 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VU037132.D

Acq: 09 Mar 2020 13:53

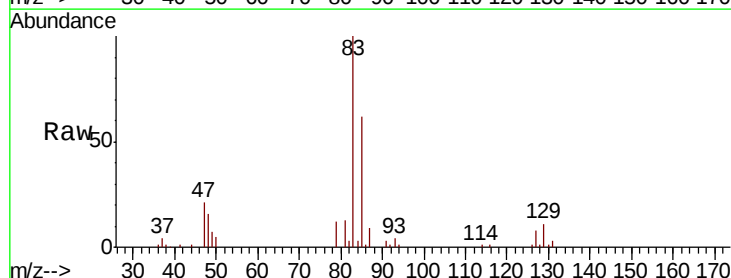
Tgt Ion: 83 Resp: 37197

Ion Ratio Lower Upper

83 100

85 62.2 51.8 77.6

127 7.6 6.8 10.2

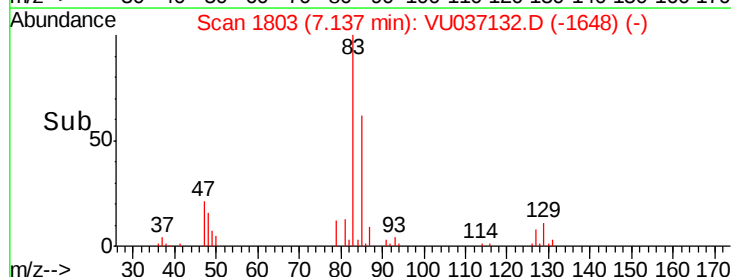


Abundance Ion 83.00 (82.70 to 83.70): VU037133.D (-1788) (-)

Ion 85.00 (84.70 to 85.70): VU037133.D (-1788) (-)

Ion 127.00 (126.70 to 127.70): VU037133.D (-1788) (-)

Time-->



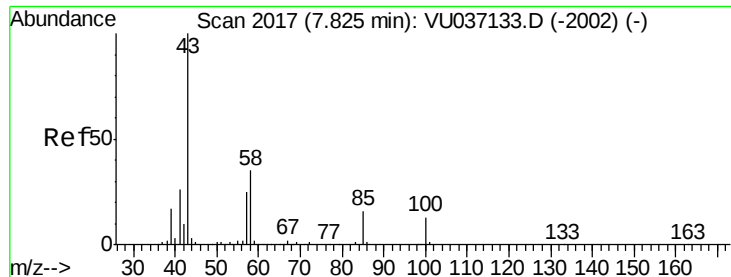
Abundance

Ion 83.00 (82.70 to 83.70): VU037133.D (-1788) (-)

Ion 85.00 (84.70 to 85.70): VU037133.D (-1788) (-)

Ion 127.00 (126.70 to 127.70): VU037133.D (-1788) (-)

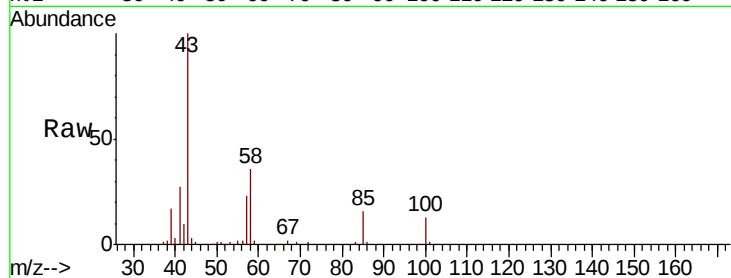
Time-->



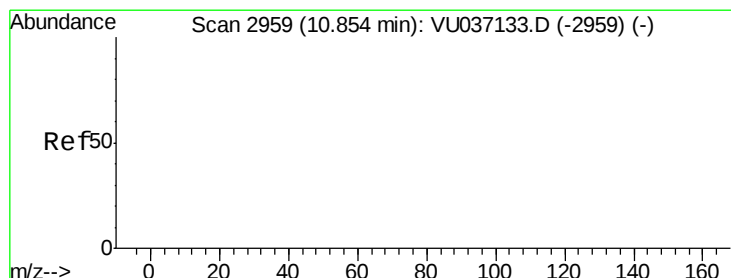
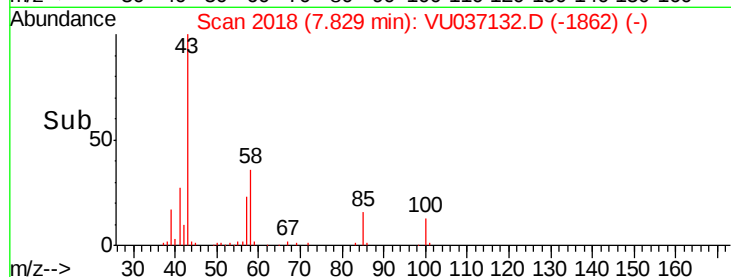
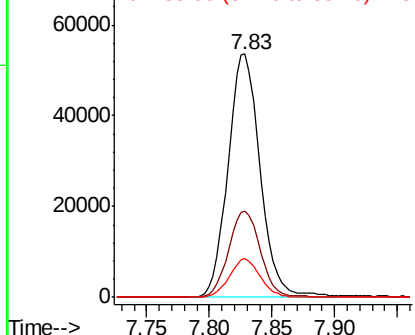
#45
4-Methyl-2-Pentanone
Concen: 34.810 ug/l
RT: 7.83 min Scan# 2018
Delta R.T. 0.00 min
Lab File: VU037132.D
Acq: 09 Mar 2020 13:53

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tot Ion: 43 Resp: 95664
Ion Ratio Lower Upper
43 100
58 35.3 22.1 66.1
85 15.1 17.4 26.0#

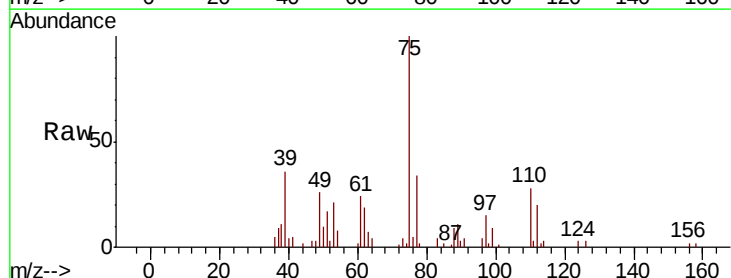


Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0
Ion 85.00 (84.70 to 85.70): VU0

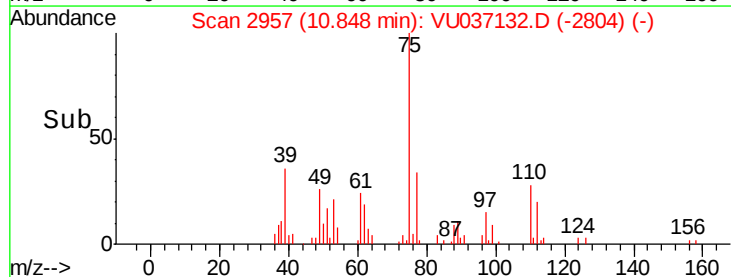
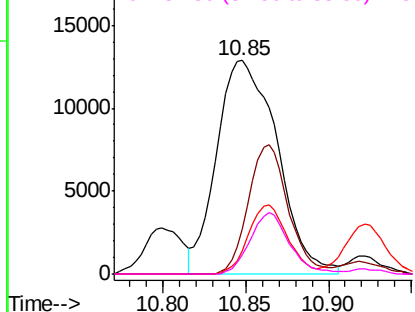


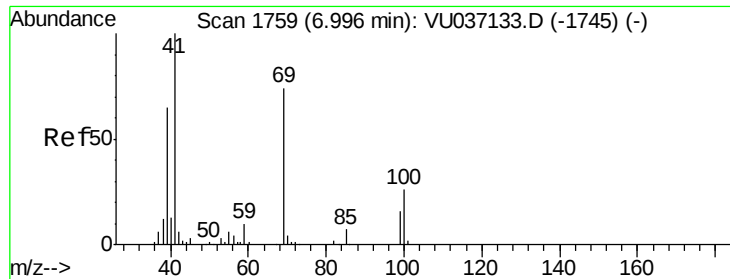
#46
t-1,4-Dichloro-2-butene
Concen: 26.972 ug/l
RT: 10.85 min Scan# 2957
Delta R.T. -0.01 min
Lab File: VU037132.D
Acq: 09 Mar 2020 13:53

Tgt Ion: 75 Resp: 32644
Ion Ratio Lower Upper
75 100
53 40.2 52.2 78.2#
89 20.9 39.8 59.6#
88 18.7 27.4 41.2#



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

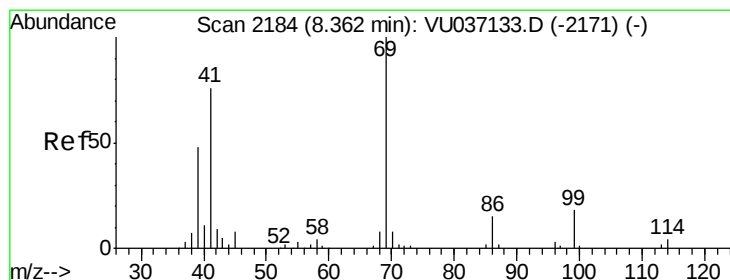
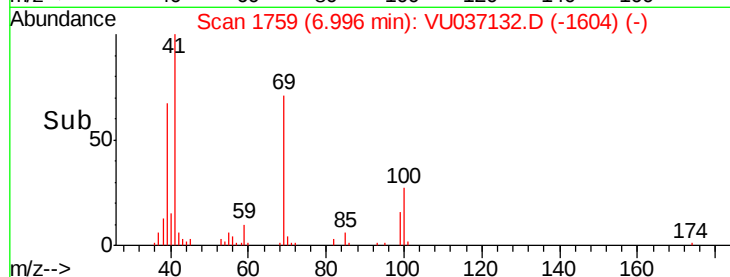
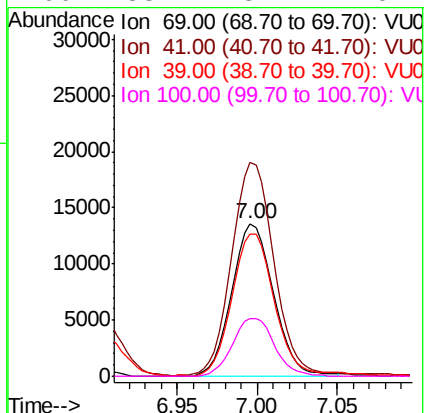
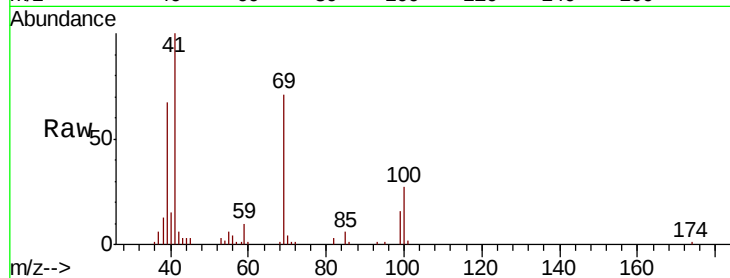




#47
Methvl methacrylate
Concen: 10.124 ug/l
RT: 7.00 min Scan# 1759
Delta R.T. -0.00 min
Lab File: VU037132.D
Acq: 09 Mar 2020 13:53

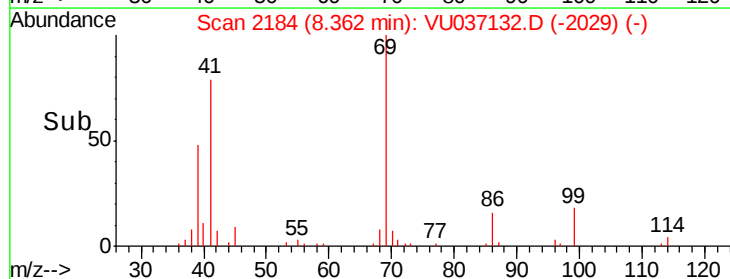
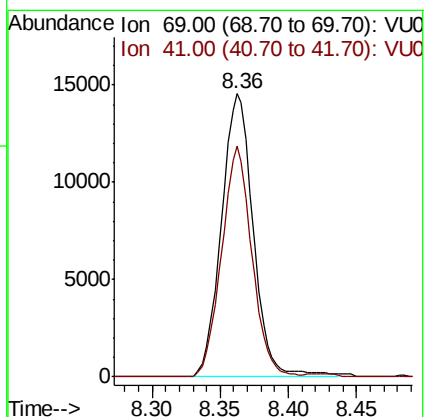
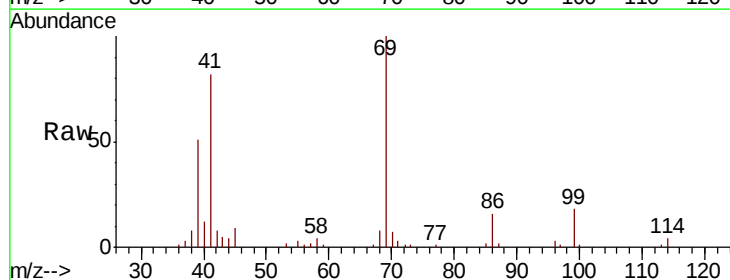
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

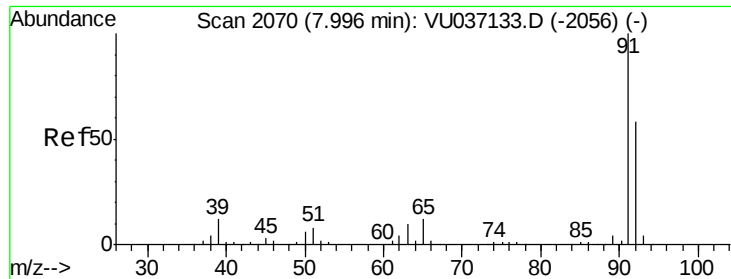
Tot Ion: 69 Resp: 24200
Ion Ratio Lower Upper
69 100
41 145.1 0.0 200.8
39 96.6 43.5 65.3#
100 38.2 31.1 46.7



#48
Ethyl methacrylate
Concen: 5.116 ug/l
RT: 8.36 min Scan# 2184
Delta R.T. -0.00 min
Lab File: VU037132.D
Acq: 09 Mar 2020 13:53

Tgt Ion: 69 Resp: 23619
Ion Ratio Lower Upper
69 100
41 77.5 27.9 83.6





#49

Toluene

Concen: 5.233 ug/l

RT: 8.00 min Scan# 2070

Delta R.T. -0.00 min

Lab File: VU037132.D

Acq: 09 Mar 2020 13:53

Instrument :

MSVOA_U

ClientSampleId :

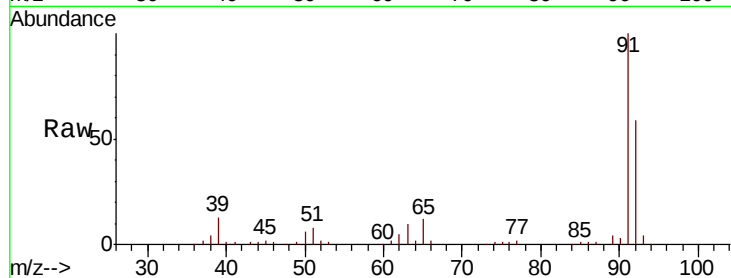
VSTDIC005

Tot Ion: 92 Resp: 62087

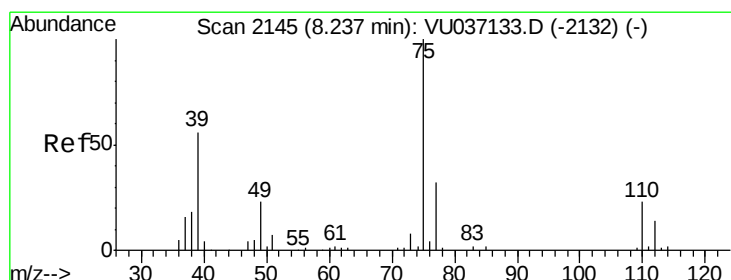
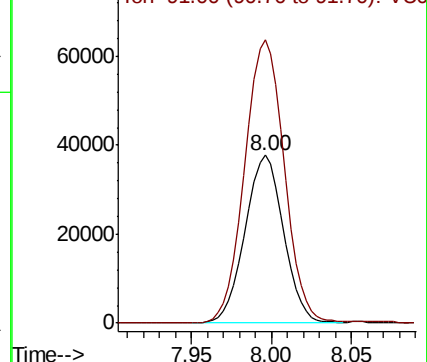
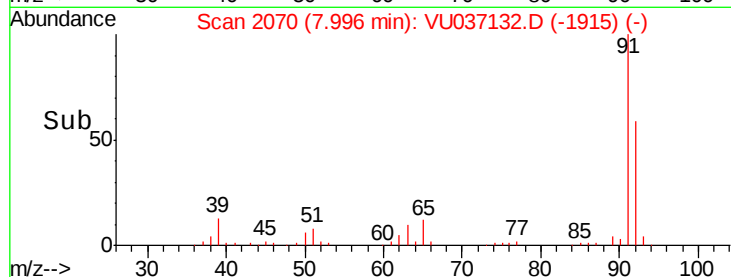
Ion Ratio Lower Upper

92 100

91 173.6 139.1 208.7



Abundance Ion 92.00 (91.70 to 92.70): VU037132.D (-1915) (-)



#50

t-1,3-Dichloropropene

Concen: 5.890 ug/l

RT: 8.24 min Scan# 2145

Delta R.T. -0.00 min

Lab File: VU037132.D

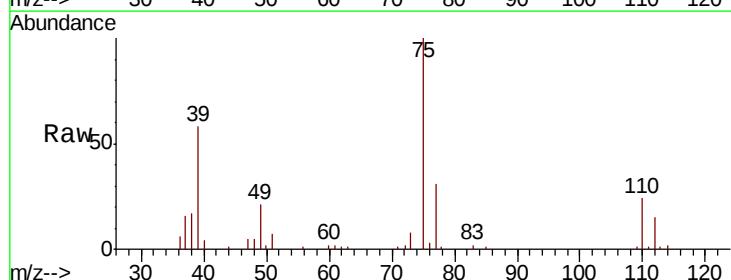
Acq: 09 Mar 2020 13:53

Tgt Ion: 75 Resp: 33865

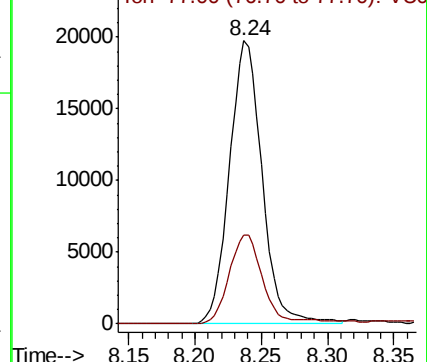
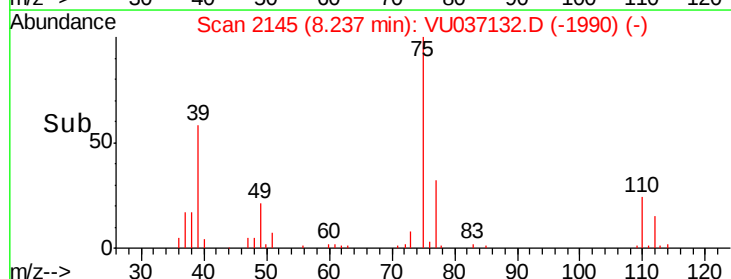
Ion Ratio Lower Upper

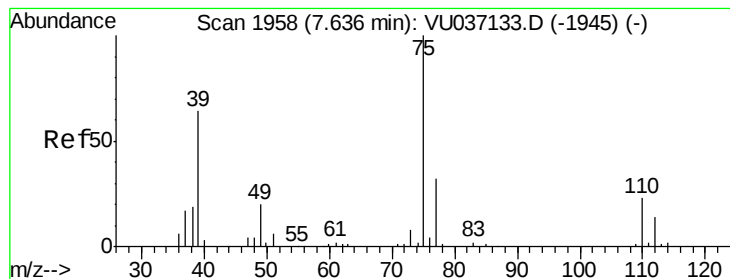
75 100

77 31.5 25.4 38.2



Abundance Ion 75.00 (74.70 to 75.70): VU037132.D (-1990) (-)



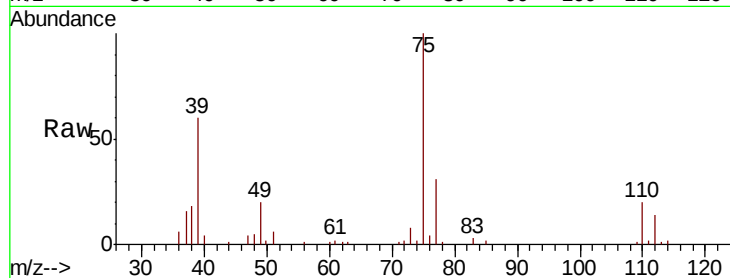


#51

cis-1,3-Dichloropropene
Concen: 5.534 ug/l
RT: 7.64 min Scan# 1958
Delta R.T. -0.00 min
Lab File: VU037132.D
Acq: 09 Mar 2020 13:53

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tot Ion	75	Resp	38558
Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.3	37.9
39	59.7	31.8	47.6#

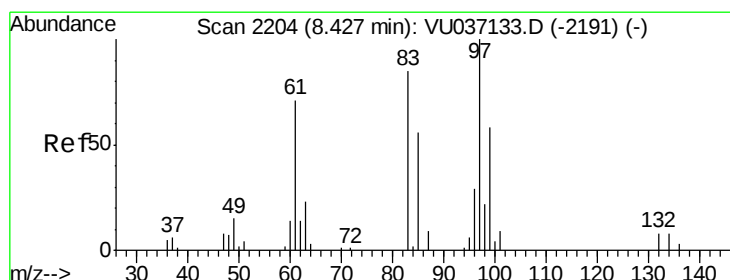
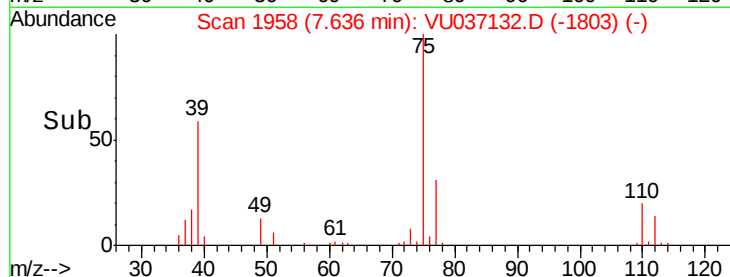
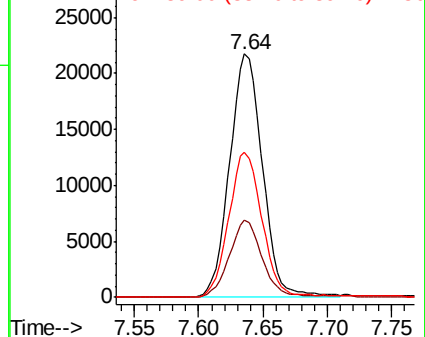


Abundance

Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

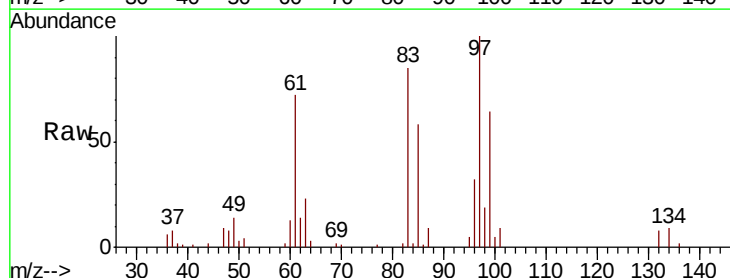
Ion 39.00 (38.70 to 39.70): VU0



#52

1,1,2-Trichloroethane
Concen: 5.599 ug/l
RT: 8.43 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VU037132.D
Acq: 09 Mar 2020 13:53

Tgt Ion	97	Resp	19379
Ion	Ratio	Lower	Upper
97	100		
83	84.8	70.9	106.3
85	58.2	45.6	68.4
99	64.0	51.0	76.4



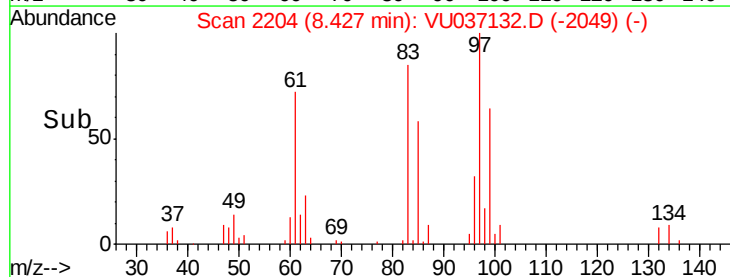
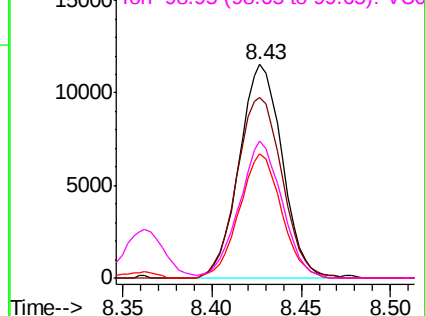
Abundance

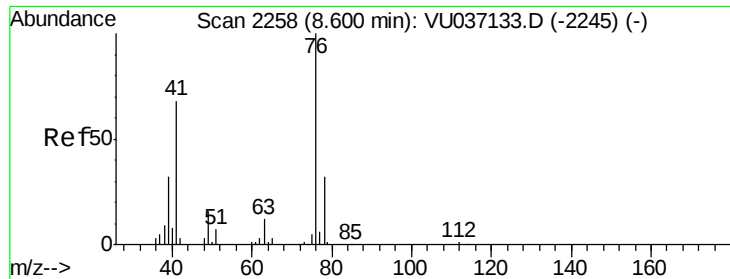
Ion 97.00 (96.70 to 97.70): VU0

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: 5.580 ug/l

RT: 8.60 min Scan# 2258

Delta R.T. -0.00 min

Lab File: VU037132.D

Acq: 09 Mar 2020 13:53

Instrument :

MSVOA_U

ClientSampleId :

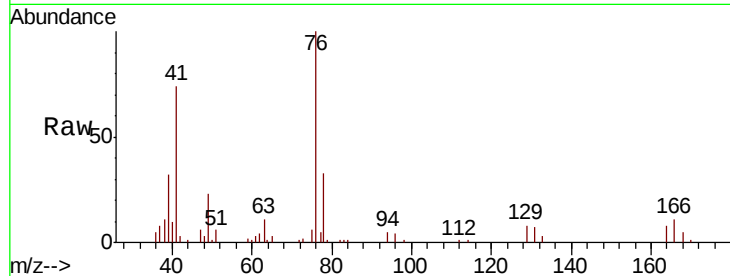
VSTDIC005

Tot Ion: 76 Resp: 33100

Ion Ratio Lower Upper

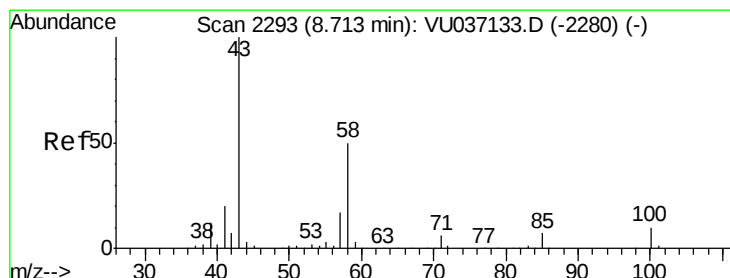
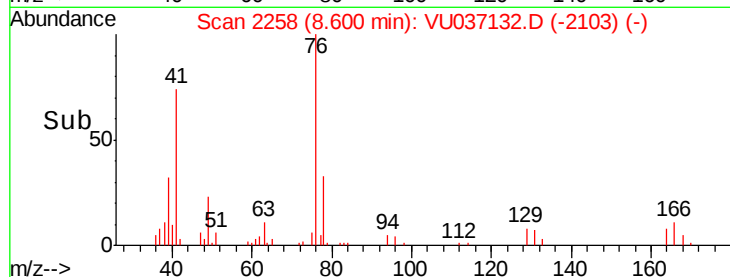
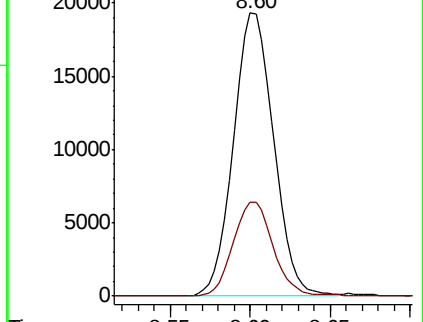
76 100

78 32.7 25.4 38.2



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

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



#54

2-Hexanone

Concen: 34.325 ug/l

RT: 8.72 min Scan# 2294

Delta R.T. 0.00 min

Lab File: VU037132.D

Acq: 09 Mar 2020 13:53

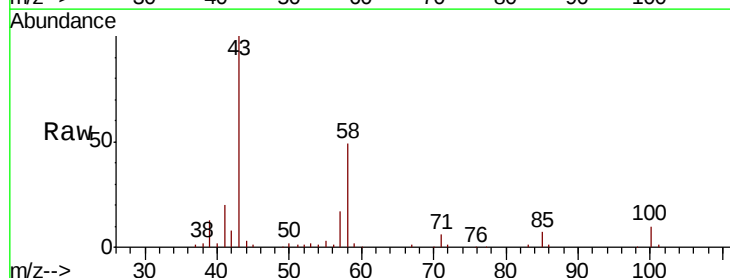
Tgt Ion: 43 Resp: 66155

Ion Ratio Lower Upper

43 100

58 47.9 40.6 80.6

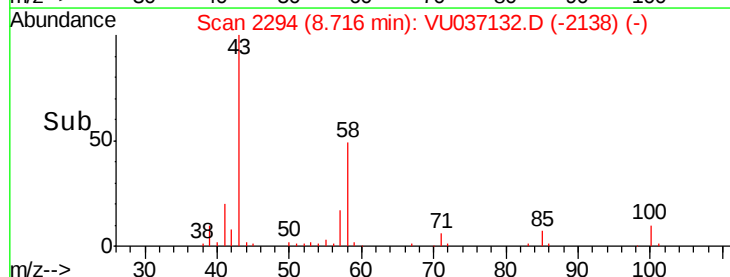
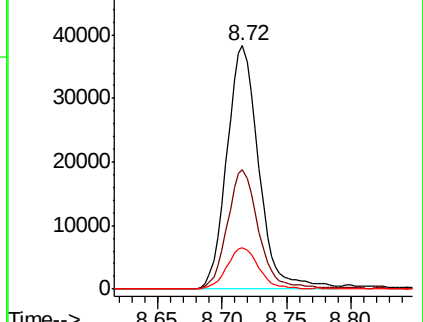
57 17.0 1.2 41.2

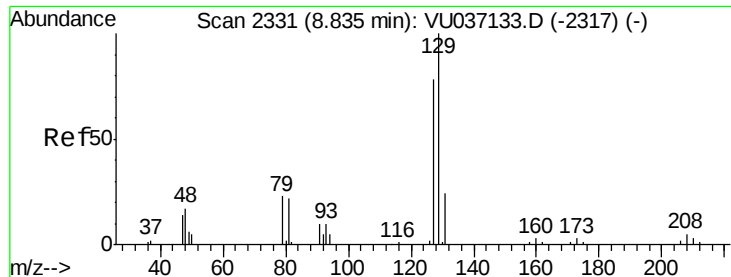


Abundance Ion 43.00 (42.70 to 43.70): VU037133.D (-2280) (-)

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

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

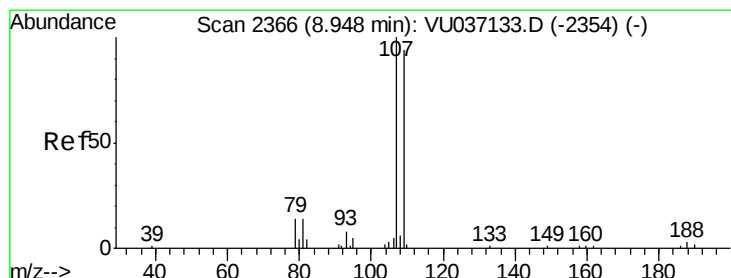
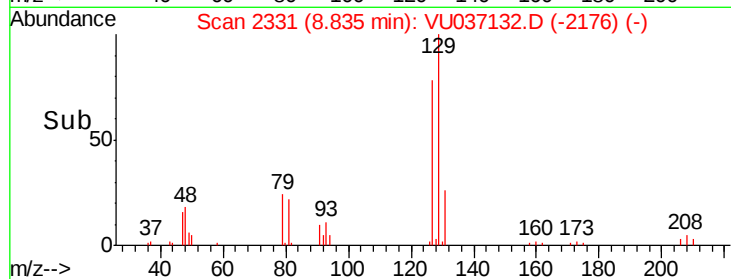
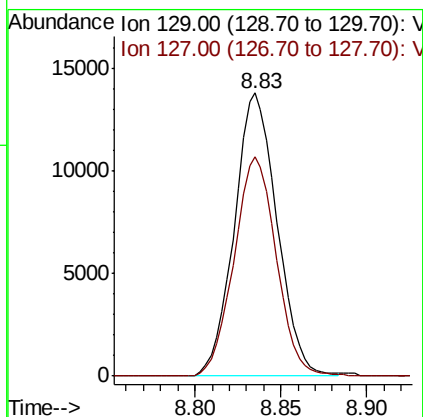
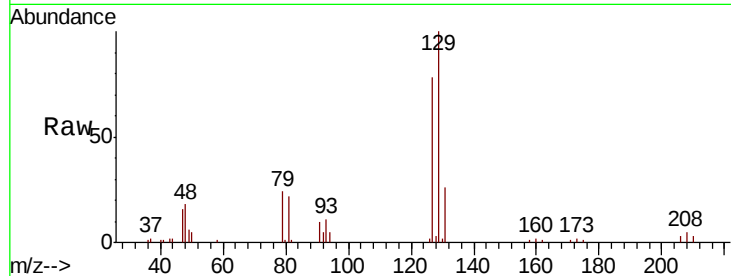




#55
 Dibromochloromethane
 Concen: 5.976 ug/l
 RT: 8.83 min Scan# 2331
 Delta R.T. -0.00 min
 Lab File: VU037132.D
 Acq: 09 Mar 2020 13:53

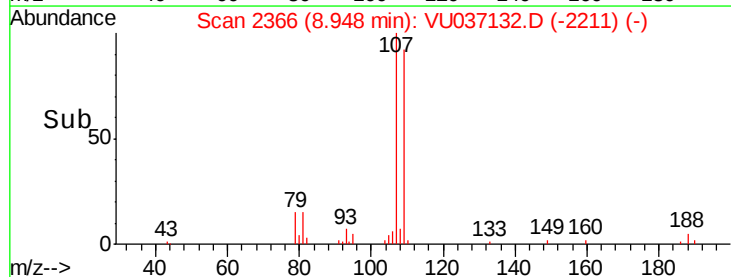
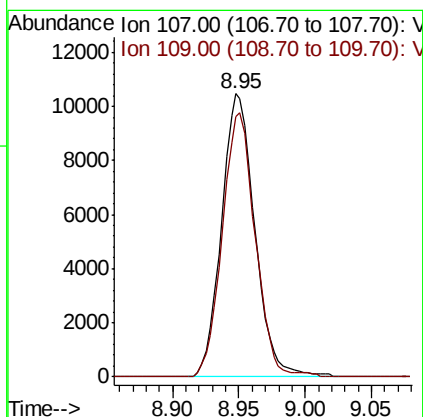
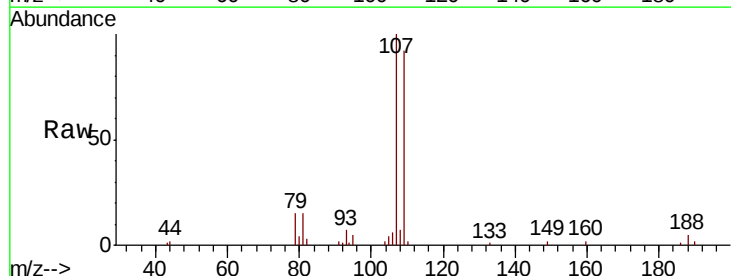
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

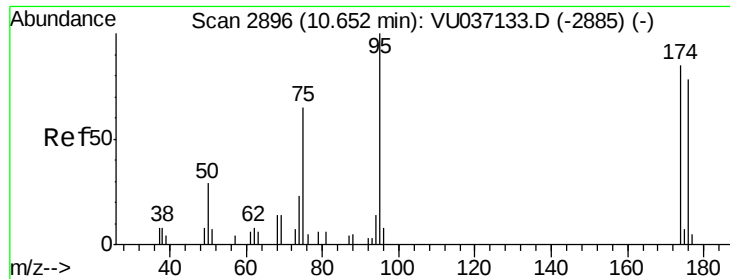
Tot Ion:129 Resp: 23812
 Ion Ratio Lower Upper
 129 100
 127 76.6 62.6 94.0



#56
 1,2-Dibromoethane
 Concen: 5.470 ug/l
 RT: 8.95 min Scan# 2366
 Delta R.T. -0.00 min
 Lab File: VU037132.D
 Acq: 09 Mar 2020 13:53

Tgt Ion:107 Resp: 18228
 Ion Ratio Lower Upper
 107 100
 109 92.3 0.0 190.8

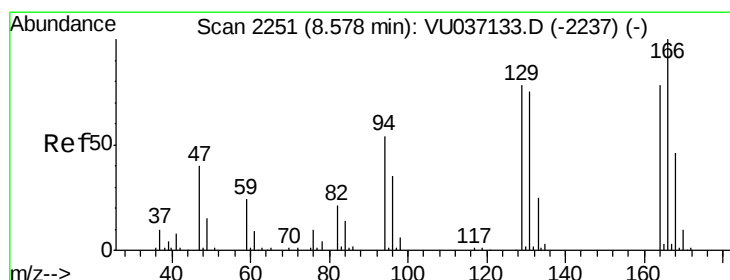
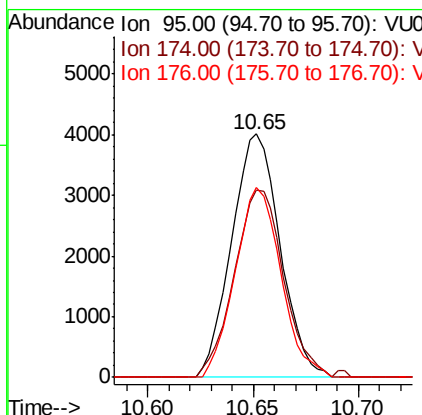
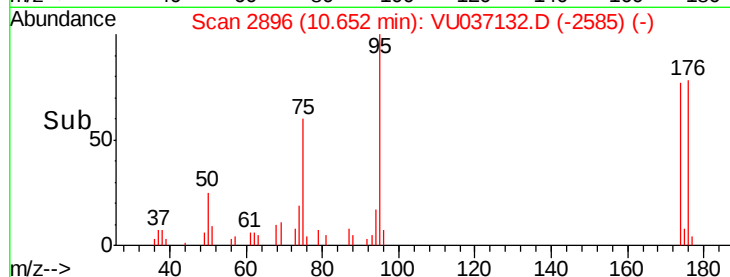
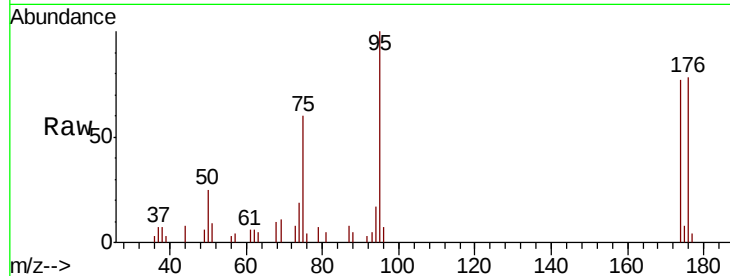




#57
4-Bromofluorobenzene
Concen: 1.011 ug/l
RT: 10.65 min Scan# 2896
Delta R.T. -0.00 min
Lab File: VU037132.D
Acq: 09 Mar 2020 13:53

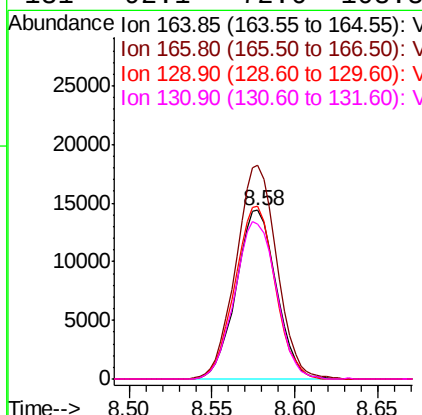
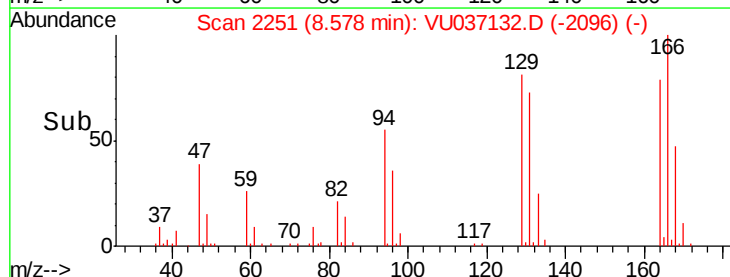
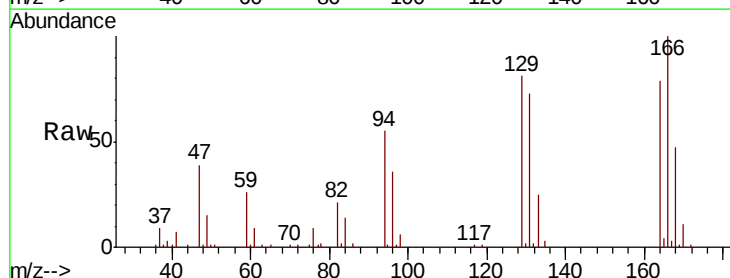
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

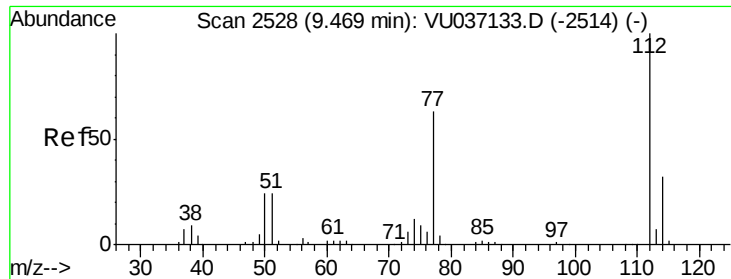
Tot Ion: 95 Resp: 6402
Ion Ratio Lower Upper
95 100
174 78.8 64.7 97.1
176 73.9 60.6 91.0



#58
Tetrachloroethene
Concen: 4.723 ug/l
RT: 8.58 min Scan# 2251
Delta R.T. -0.00 min
Lab File: VU037132.D
Acq: 09 Mar 2020 13:53

Tgt Ion: 164 Resp: 24226
Ion Ratio Lower Upper
164 100
166 126.6 102.0 153.0
129 102.1 74.9 112.3
131 92.1 72.6 108.8





#59

Chlorobenzene

Concen: 5.057 ug/l

RT: 9.47 min Scan# 2528

Delta R.T. -0.00 min

Lab File: VU037132.D

Acq: 09 Mar 2020 13:53

Instrument :

MSVOA_U

ClientSampleId :

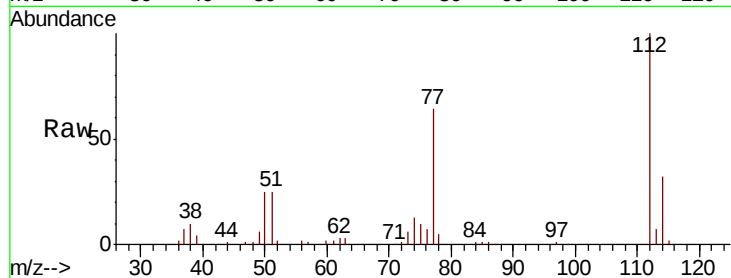
VSTDIC005

Tot Ion:112 Resp: 66833

Ion Ratio Lower Upper

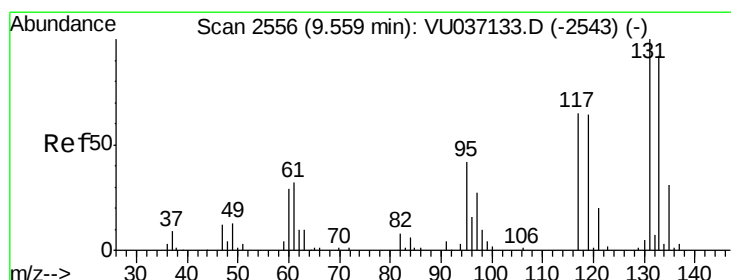
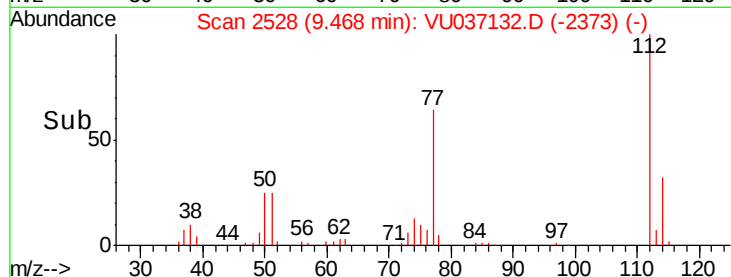
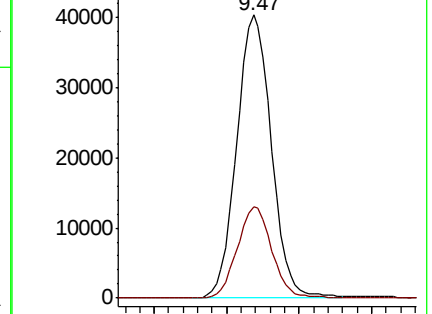
112 100

114 32.5 25.8 38.8



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V



#60

1,1,1,2-Tetrachloroethane

Concen: 6.033 ug/l

RT: 9.56 min Scan# 2555

Delta R.T. -0.00 min

Lab File: VU037132.D

Acq: 09 Mar 2020 13:53

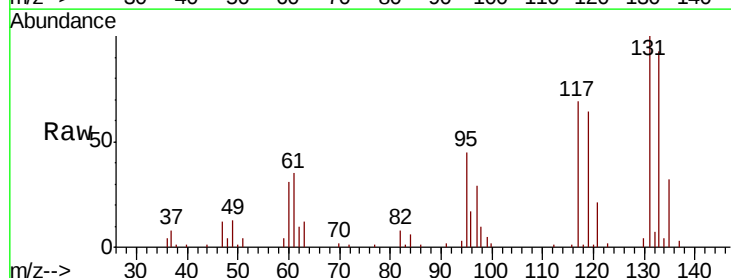
Tgt Ion:131 Resp: 25467

Ion Ratio Lower Upper

131 100

133 92.5 76.4 114.6

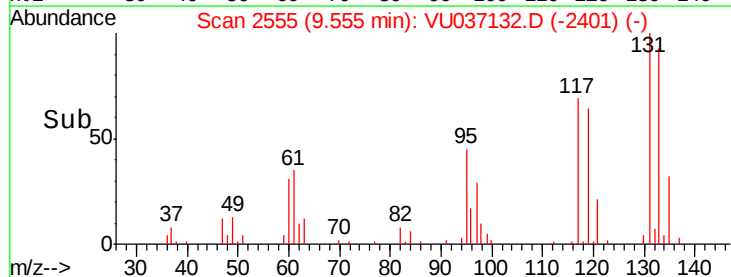
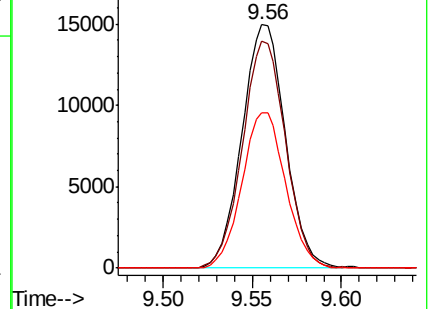
119 64.0 56.6 85.0

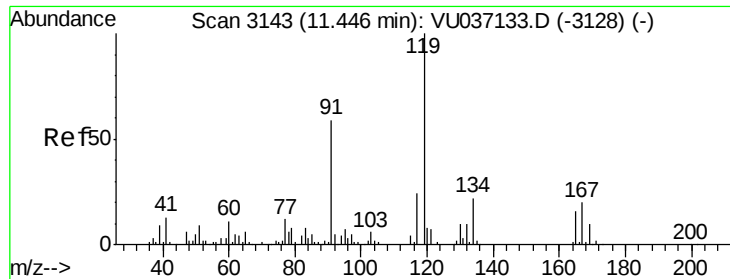


Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V

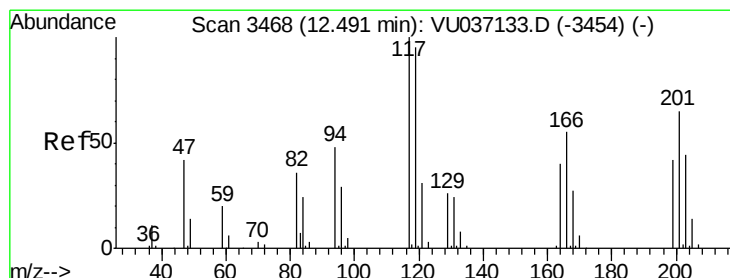
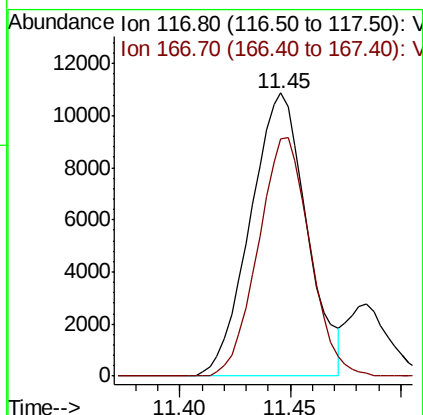
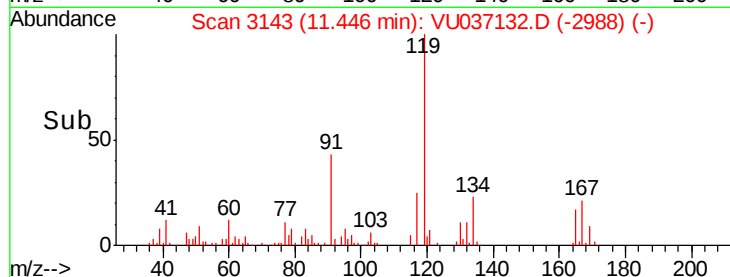
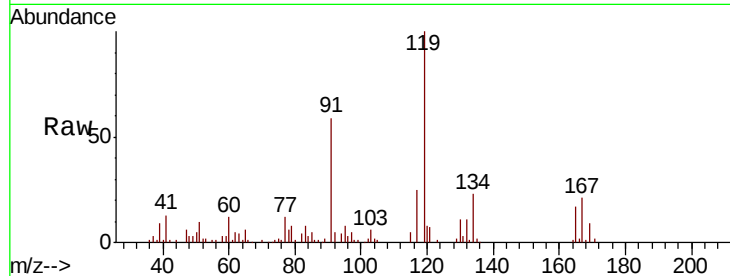




#61
 Pentachloroethane
 Concen: 7.083 ug/l
 RT: 11.45 min Scan# 3143
 Delta R.T. -0.00 min
 Lab File: VU037132.D
 Acq: 09 Mar 2020 13:53

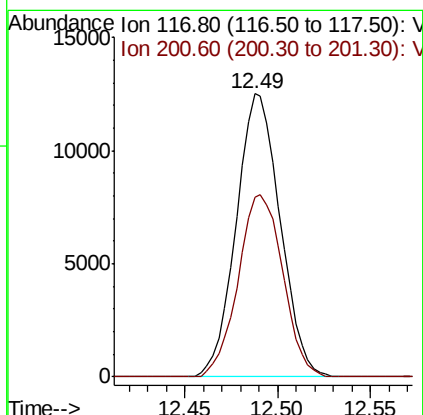
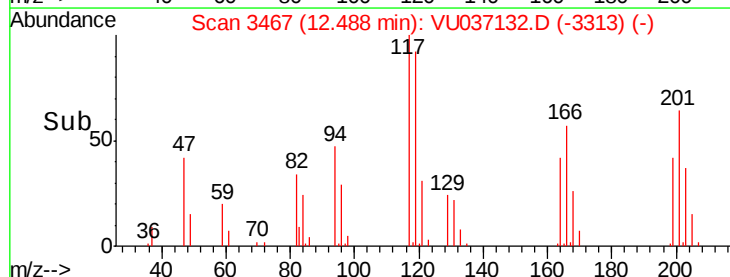
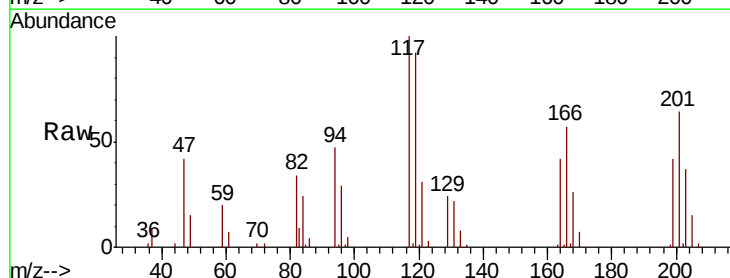
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

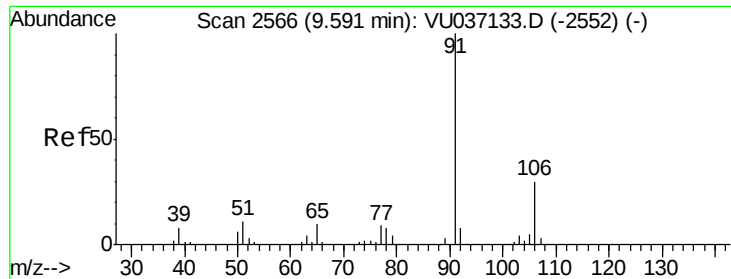
Tot Ion:117 Resp: 19290
 Ion Ratio Lower Upper
 117 100
 167 77.0 66.7 100.1



#62
 Hexachloroethane
 Concen: 5.926 ug/l
 RT: 12.49 min Scan# 3467
 Delta R.T. -0.00 min
 Lab File: VU037132.D
 Acq: 09 Mar 2020 13:53

Tgt Ion:117 Resp: 20569
 Ion Ratio Lower Upper
 117 100
 201 65.4 65.0 97.4

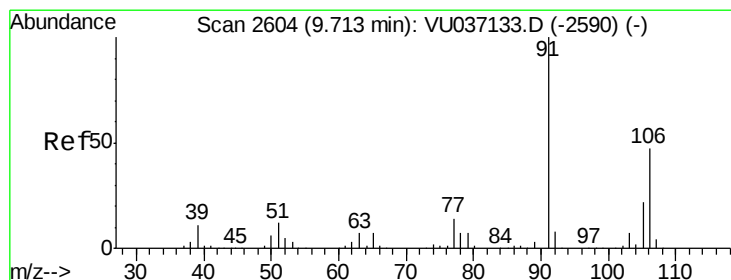
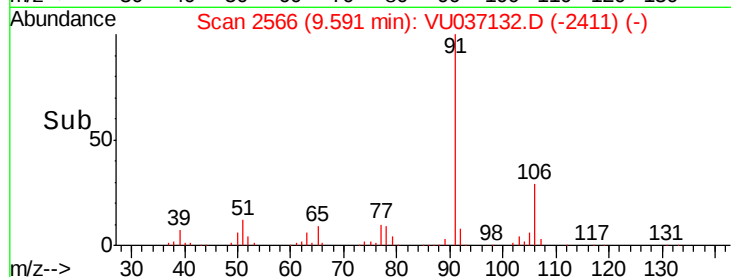
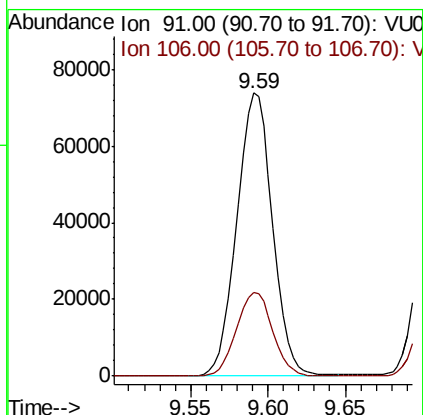
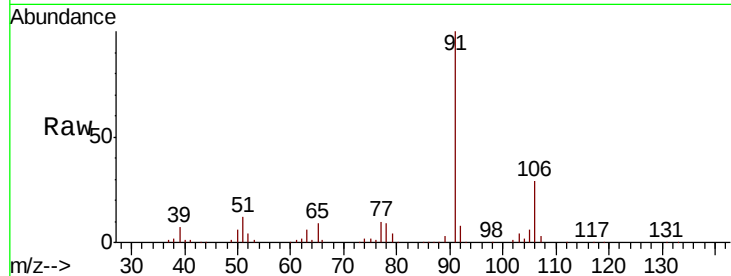




#63
Ethyl Benzene
Concen: 5.337 ug/l
RT: 9.59 min Scan# 2566
Delta R.T. -0.00 min
Lab File: VU037132.D
Acq: 09 Mar 2020 13:53

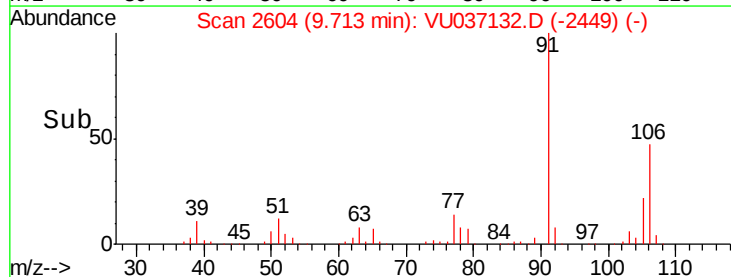
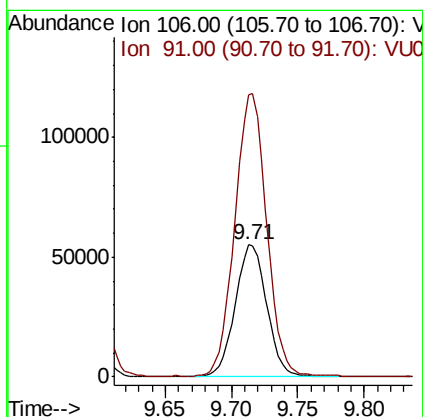
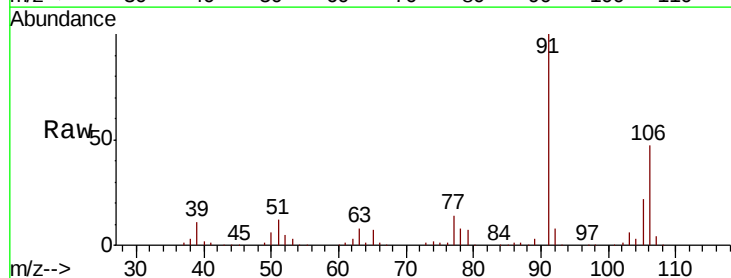
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

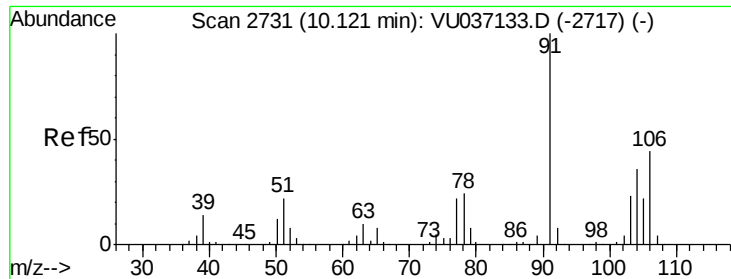
Tot Ion: 91 Resp: 118214
Ion Ratio Lower Upper
91 100
106 29.4 26.0 39.0



#64
m/p-Xylenes
Concen: 10.437 ug/l
RT: 9.71 min Scan# 2604
Delta R.T. -0.00 min
Lab File: VU037132.D
Acq: 09 Mar 2020 13:53

Tgt Ion: 106 Resp: 91510
Ion Ratio Lower Upper
106 100
91 214.4 158.2 237.4

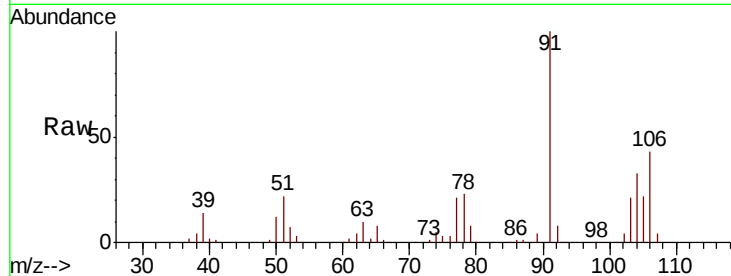




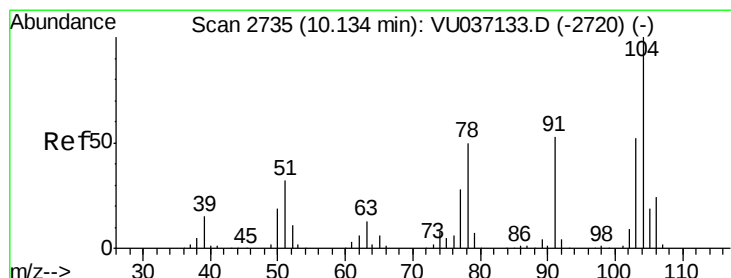
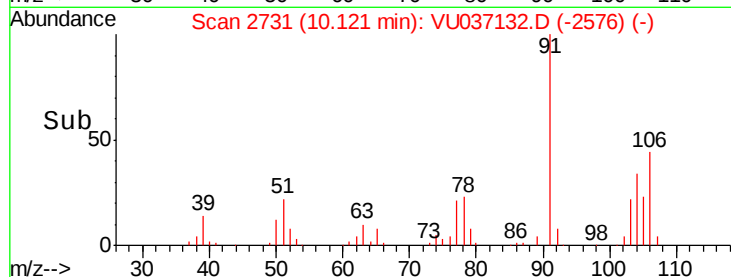
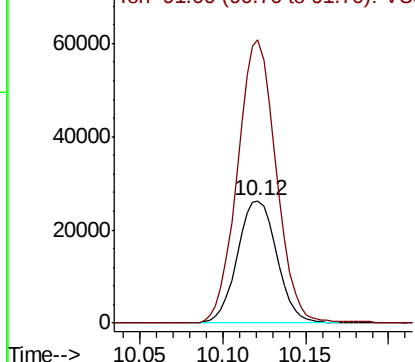
#65
o-Xylene
Concen: 5.132 ug/l
RT: 10.12 min Scan# 2731
Delta R.T. -0.00 min
Lab File: VU037132.D
Acq: 09 Mar 2020 13:53

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tot Ion:106 Resp: 43574
Ion Ratio Lower Upper
106 100
91 225.7 104.3 312.9

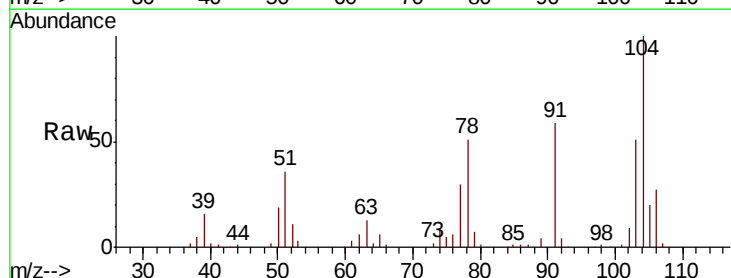


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

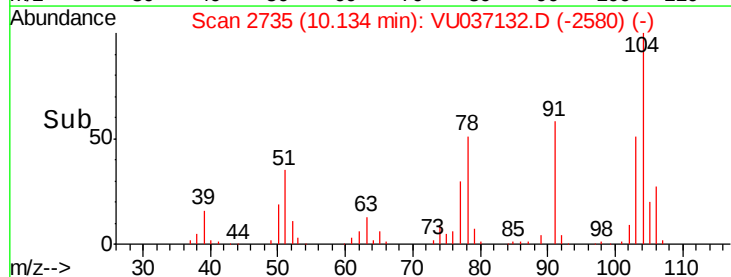
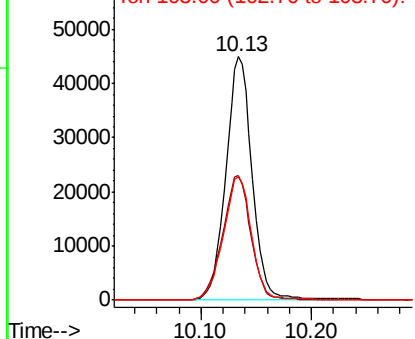


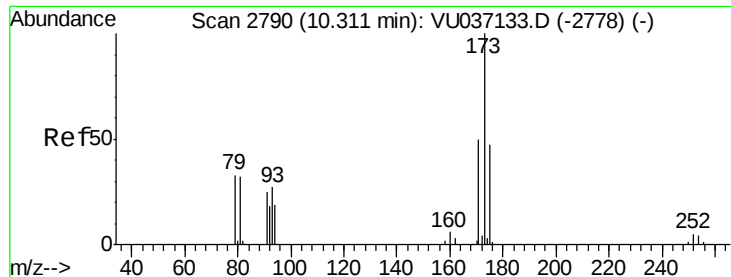
#66
Styrene
Concen: 5.217 ug/l
RT: 10.13 min Scan# 2735
Delta R.T. -0.00 min
Lab File: VU037132.D
Acq: 09 Mar 2020 13:53

Tgt Ion:104 Resp: 74182
Ion Ratio Lower Upper
104 100
78 55.2 38.6 57.8
103 54.2 44.4 66.6



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





#67

Bromoform

Concen: 5.699 ug/l

RT: 10.31 min Scan# 2790

Delta R.T. -0.00 min

Lab File: VU037132.D

Acq: 09 Mar 2020 13:53

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

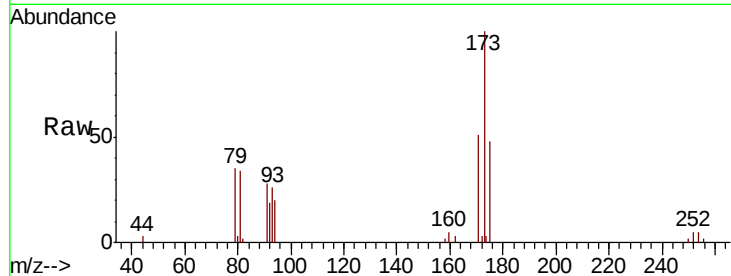
Tot Ion:173 Resp: 13001

Ion Ratio Lower Upper

173 100

175 46.5 38.3 57.5

254 4.3 6.6 9.8#

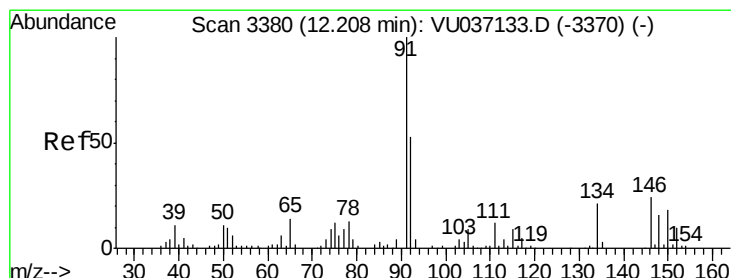
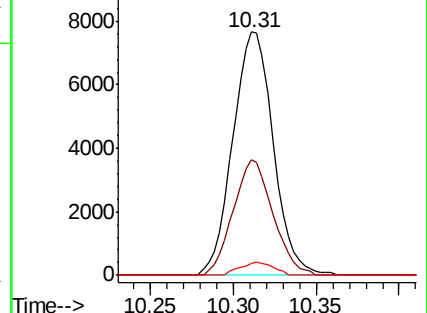
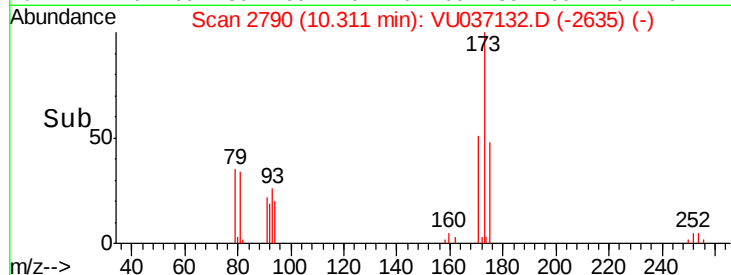


Abundance

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: 1.030 ug/l

RT: 12.21 min Scan# 3380

Delta R.T. -0.00 min

Lab File: VU037132.D

Acq: 09 Mar 2020 13:53

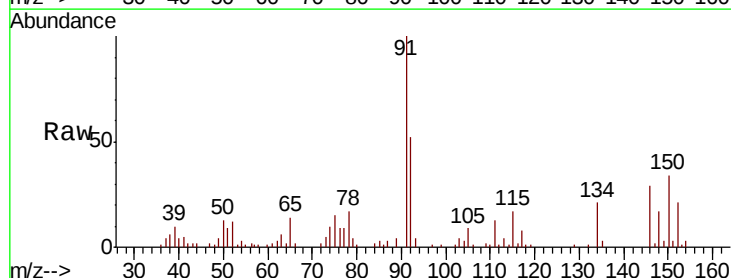
Tgt Ion:152 Resp: 6677

Ion Ratio Lower Upper

152 100

115 113.4 0.0 241.8

150 241.3 0.0 652.4

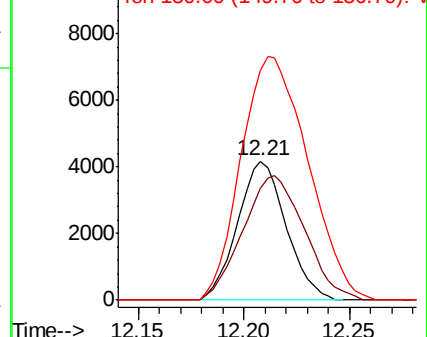
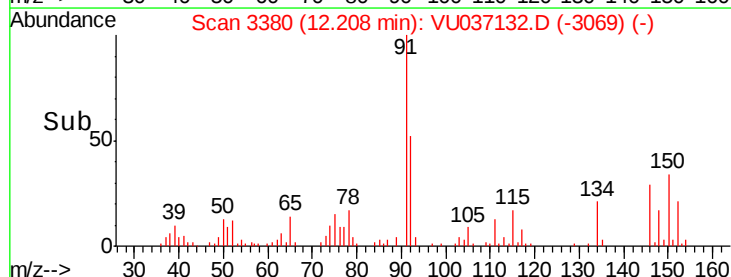


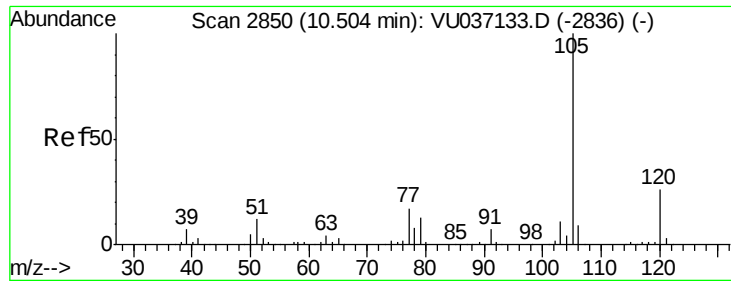
Abundance

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: 5.330 ug/l

RT: 10.50 min Scan# 2850

Delta R.T. -0.00 min

Lab File: VU037132.D

Acq: 09 Mar 2020 13:53

Instrument :

MSVOA_U

ClientSampleId :

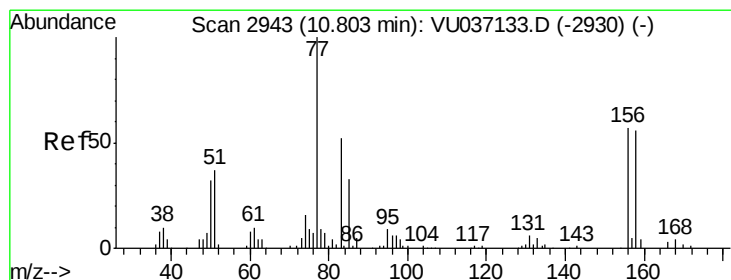
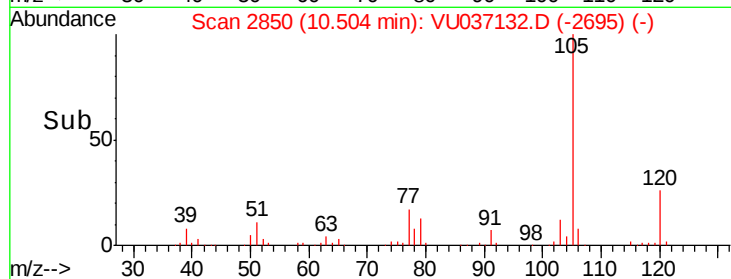
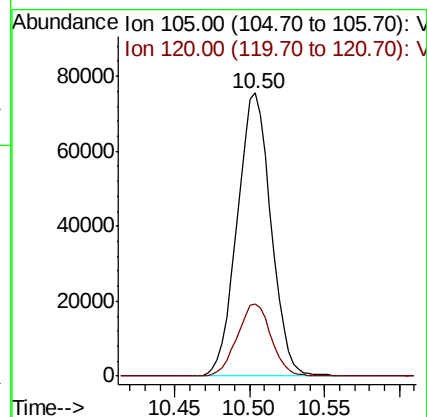
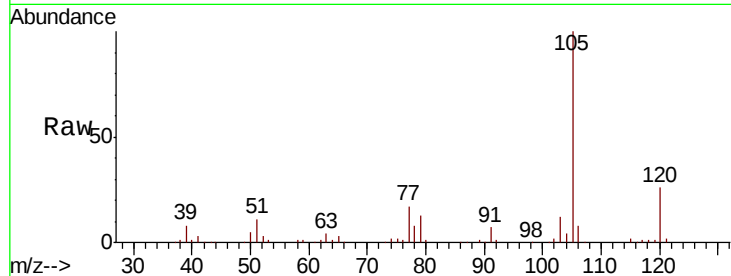
VSTDIC005

Tot Ion:105 Resp: 118886

Ion Ratio Lower Upper

105 100

120 25.7 13.6 40.7



#70

1,1,2,2-Tetrachloroethane

Concen: 5.923 ug/l

RT: 10.80 min Scan# 2942

Delta R.T. -0.00 min

Lab File: VU037132.D

Acq: 09 Mar 2020 13:53

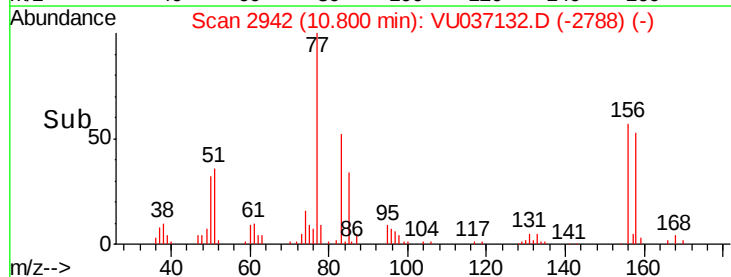
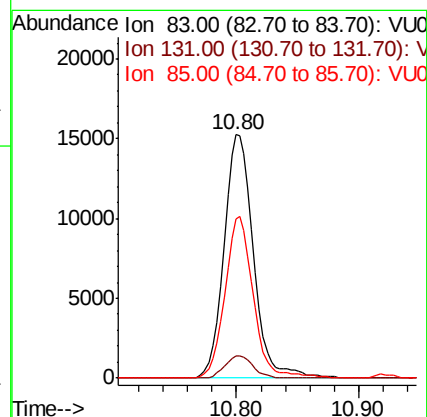
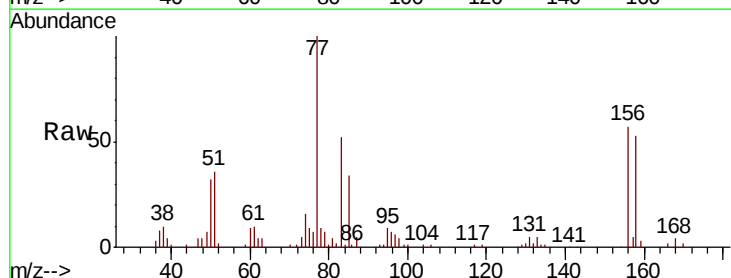
Tgt Ion: 83 Resp: 25863

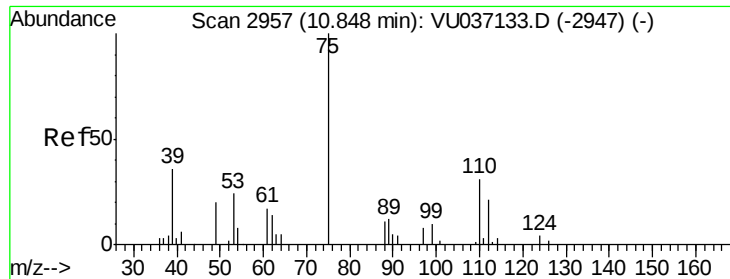
Ion Ratio Lower Upper

83 100

131 8.6 7.8 11.8

85 63.8 53.2 79.8

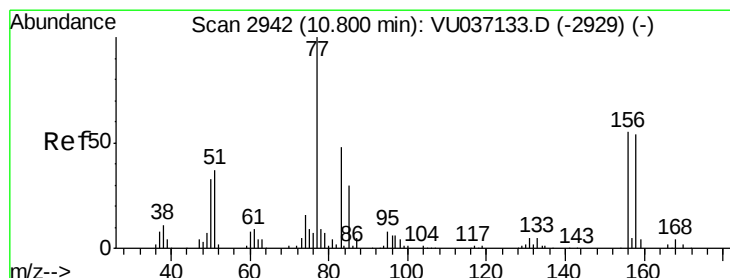
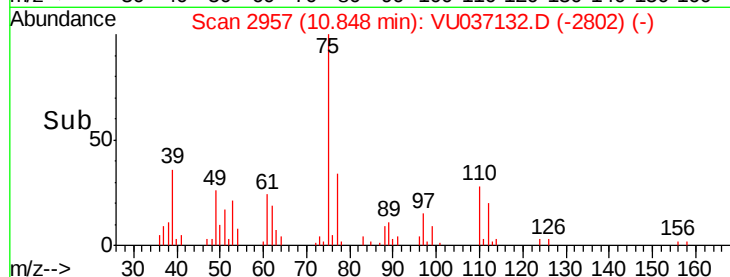
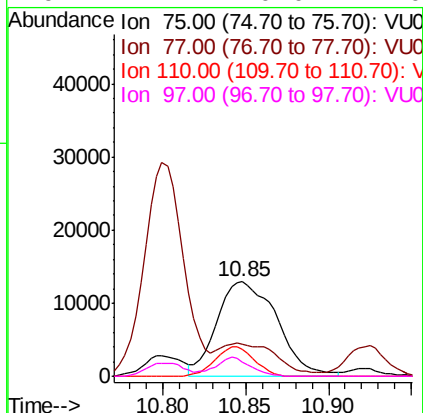
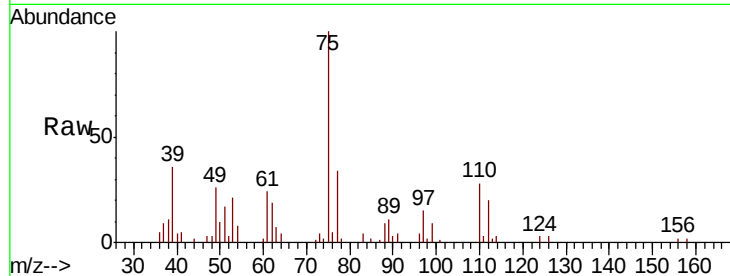




#71
 1,2,3-Trichloropropane
 Concen: 10.478 ug/l
 RT: 10.85 min Scan# 2957
 Delta R.T. -0.00 min
 Lab File: VU037132.D
 Acq: 09 Mar 2020 13:53

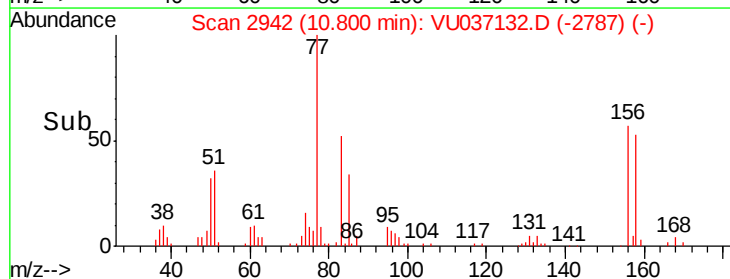
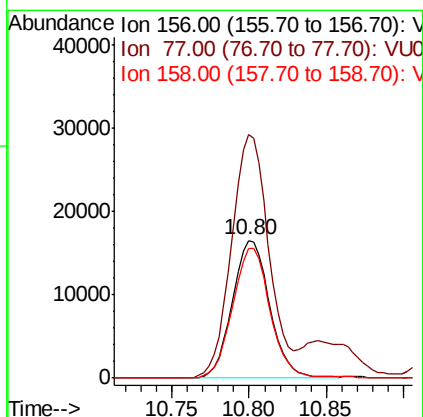
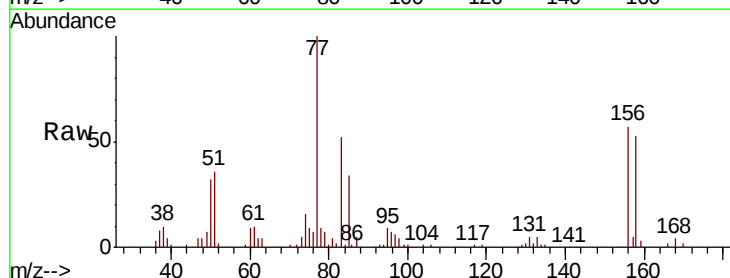
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

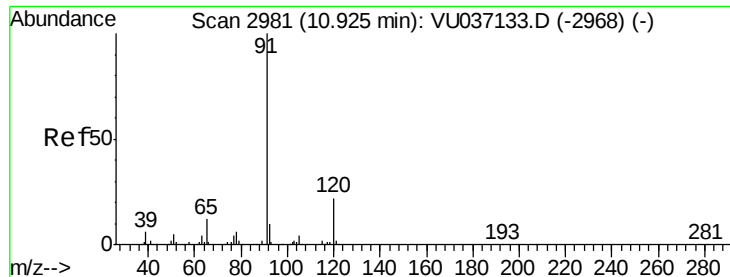
Tot Ion:	75	Resp:	32644
Ion	Ratio	Lower	Upper
75	100		
77	31.9	0.0	129.6
110	20.1	0.0	77.4
97	11.2	0.0	42.0



#72
 Bromobenzene
 Concen: 5.144 ug/l
 RT: 10.80 min Scan# 2942
 Delta R.T. -0.00 min
 Lab File: VU037132.D
 Acq: 09 Mar 2020 13:53

Tgt Ion:	156	Resp:	27640
Ion	Ratio	Lower	Upper
156	100		
77	176.4	0.0	306.6
158	95.1	0.0	192.0





#73

n-propylbenzene

Concen: 5.094 ug/l

RT: 10.92 min Scan# 2981

Delta R.T. -0.00 min

Lab File: VU037132.D

Acq: 09 Mar 2020 13:53

Instrument :

MSVOA_U

ClientSampleId :

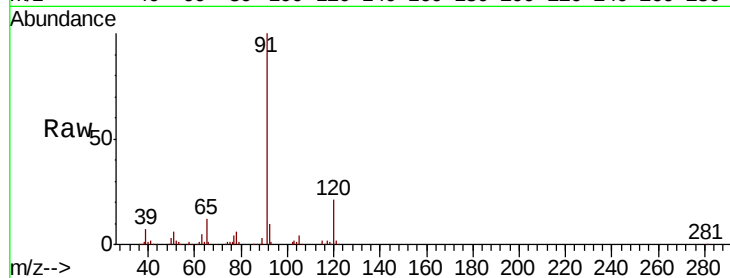
VSTDIC005

Tot Ion:120 Resp: 31879

Ion Ratio Lower Upper

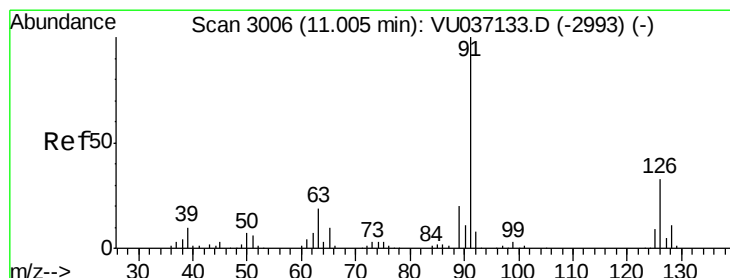
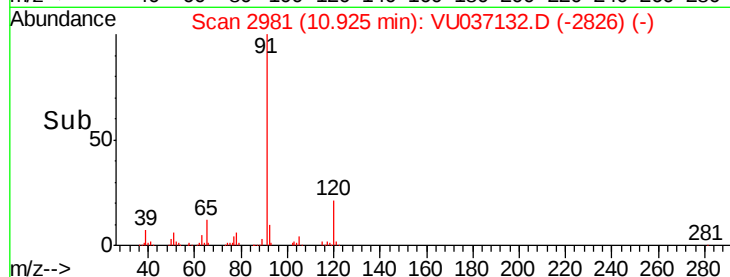
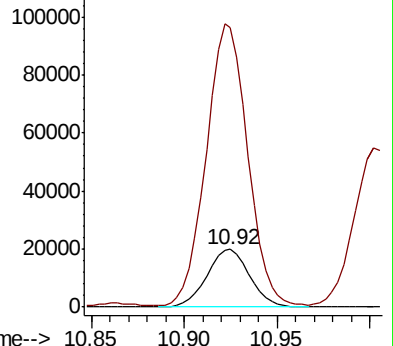
120 100

91 473.3 329.5 494.3



Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0



#74

2-Chlorotoluene

Concen: 5.275 ug/l

RT: 11.01 min Scan# 3006

Delta R.T. -0.00 min

Lab File: VU037132.D

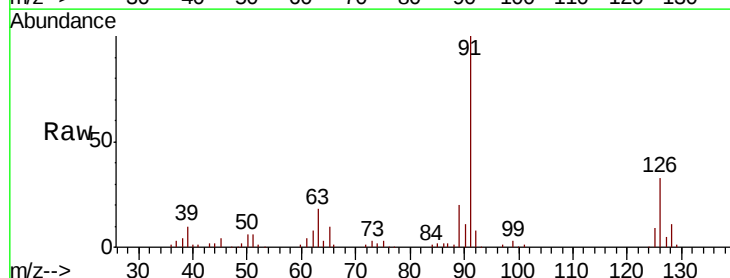
Acq: 09 Mar 2020 13:53

Tgt Ion:126 Resp: 28353

Ion Ratio Lower Upper

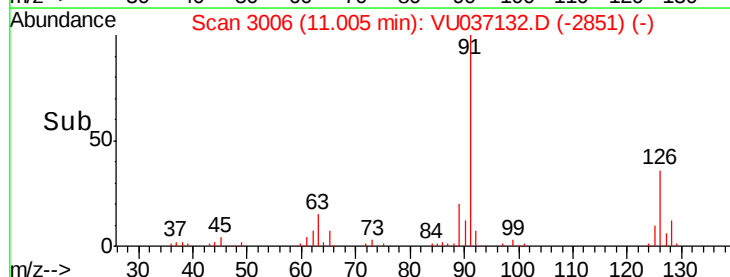
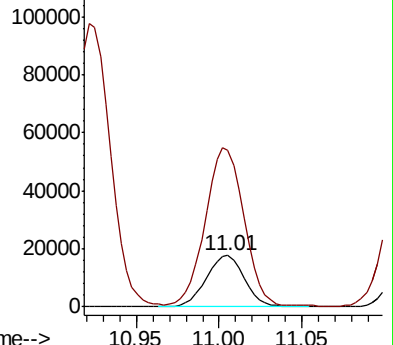
126 100

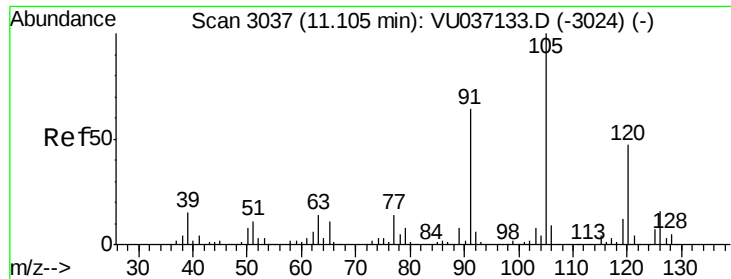
91 312.8 0.0 567.4



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: 5.563 ug/l

RT: 11.10 min Scan# 3037

Delta R.T. -0.00 min

Lab File: VU037132.D

Acq: 09 Mar 2020 13:53

Instrument :

MSVOA_U

ClientSampleId :

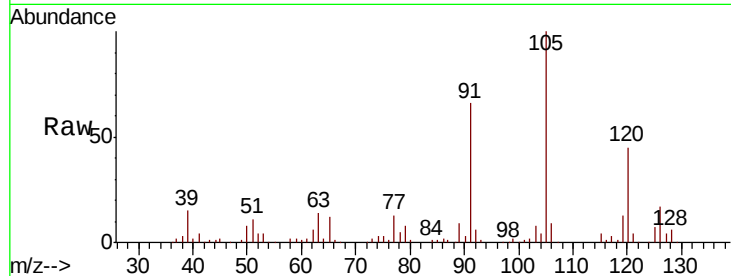
VSTDIC005

Tot Ion:105 Resp: 106424

Ion Ratio Lower Upper

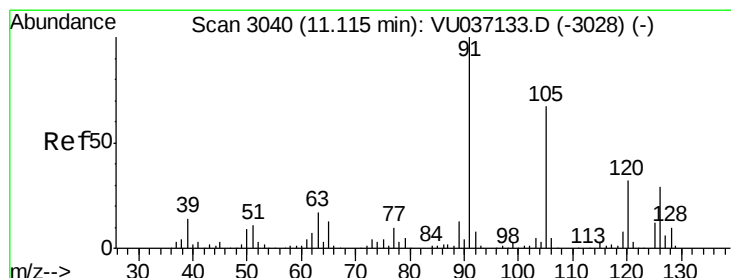
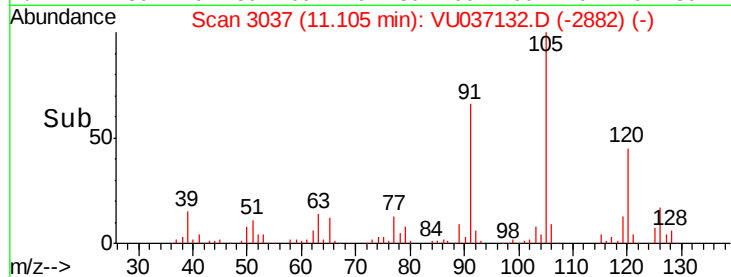
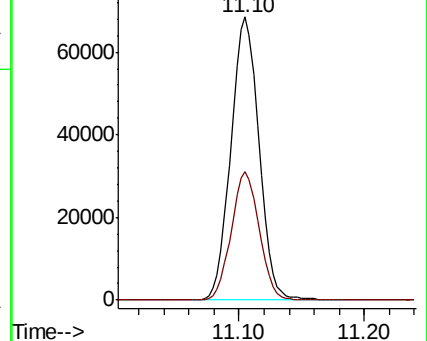
105 100

120 45.1 39.8 59.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#76

4-Chlorotoluene

Concen: 5.363 ug/l

RT: 11.11 min Scan# 3040

Delta R.T. -0.00 min

Lab File: VU037132.D

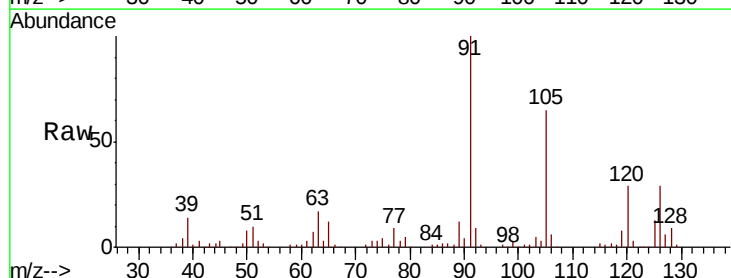
Acq: 09 Mar 2020 13:53

Tgt Ion:126 Resp: 29783

Ion Ratio Lower Upper

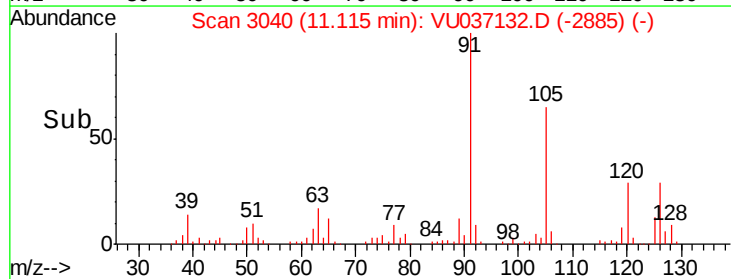
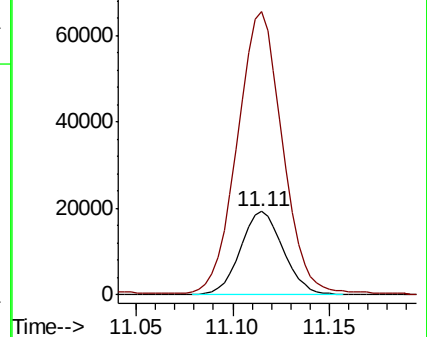
126 100

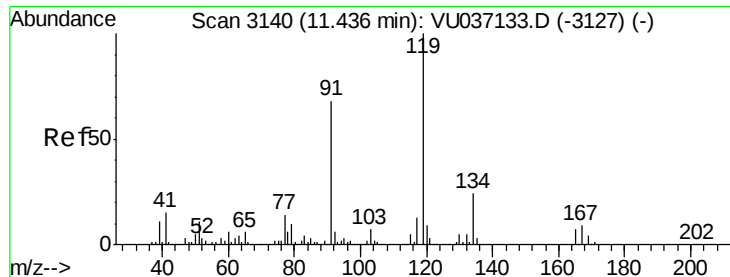
91 363.1 0.0 633.0



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0





#77

tert-Butylbenzene

Concen: 5.556 ug/l

RT: 11.44 min Scan# 3140

Delta R.T. -0.00 min

Lab File: VU037132.D

Acq: 09 Mar 2020 13:53

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

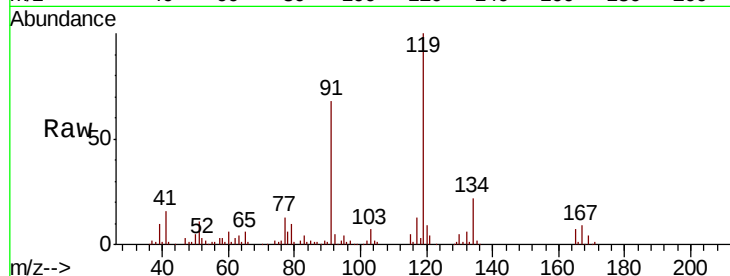
Tot Ion:119 Resp: 100712

Ion Ratio Lower Upper

119 100

91 65.6 29.3 87.8

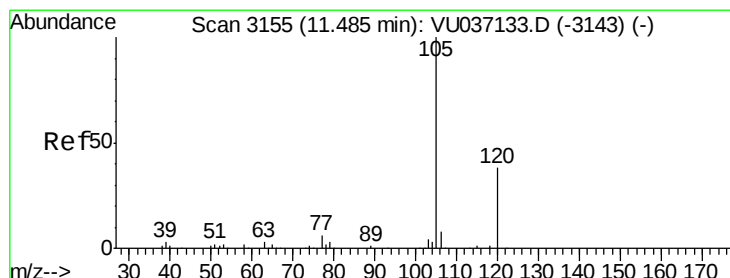
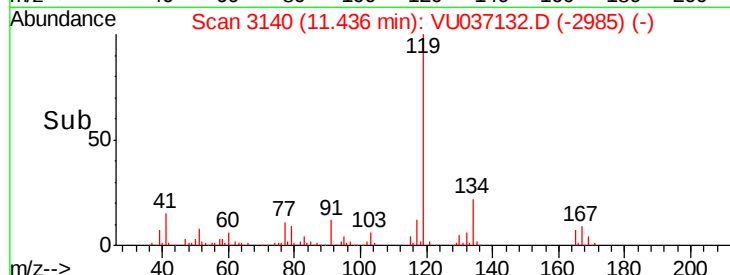
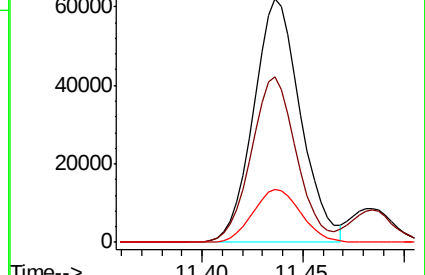
134 22.3 19.0 28.4



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: 5.509 ug/l

RT: 11.48 min Scan# 3155

Delta R.T. -0.00 min

Lab File: VU037132.D

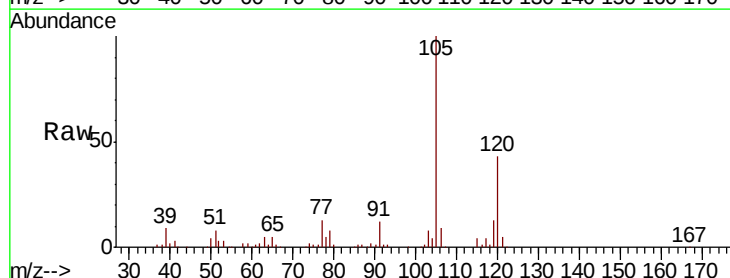
Acq: 09 Mar 2020 13:53

Tgt Ion:105 Resp: 108662

Ion Ratio Lower Upper

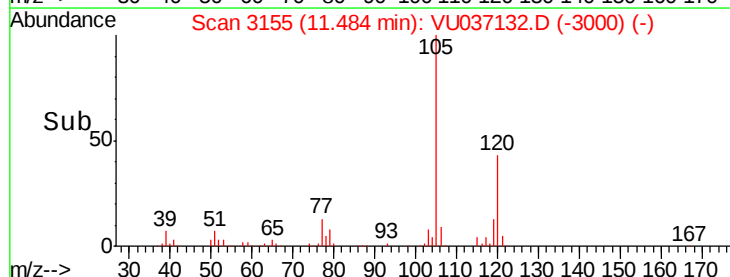
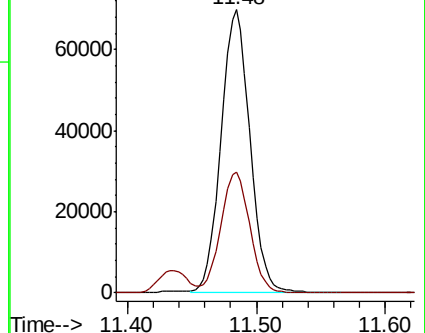
105 100

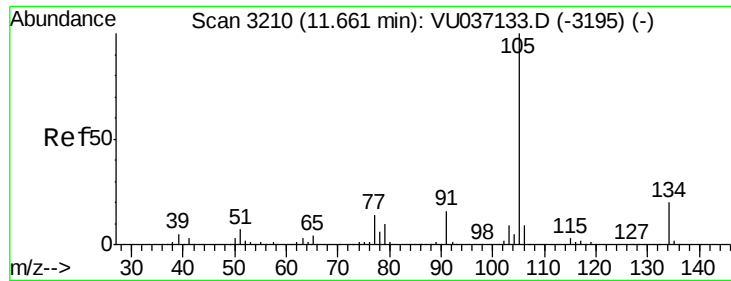
120 43.0 23.3 69.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

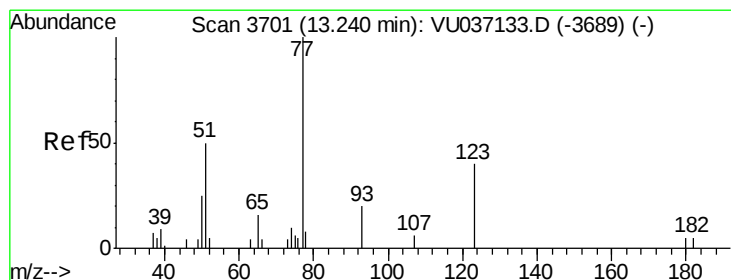
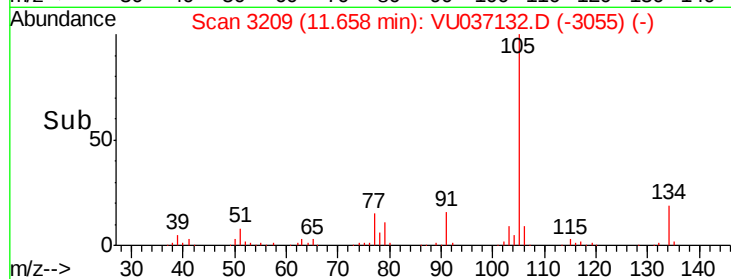
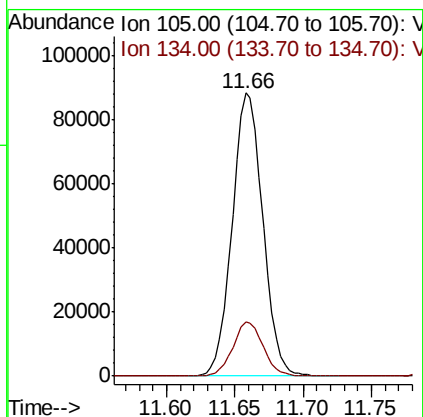
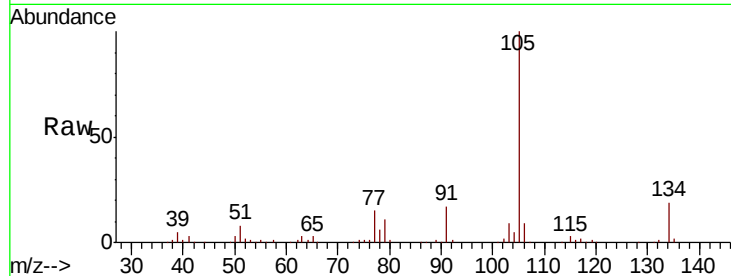




#79
 sec-Butylbenzene
 Concen: 5.478 ug/l
 RT: 11.66 min Scan# 3209
 Delta R.T. -0.00 min
 Lab File: VU037132.D
 Acq: 09 Mar 2020 13:53

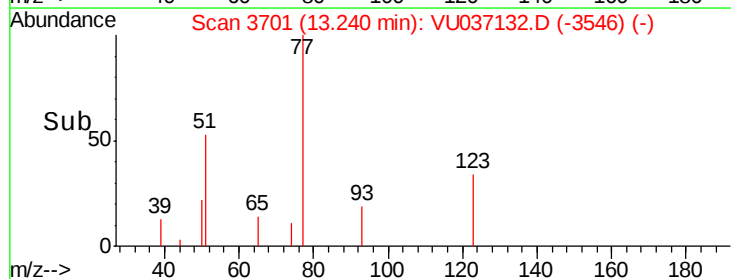
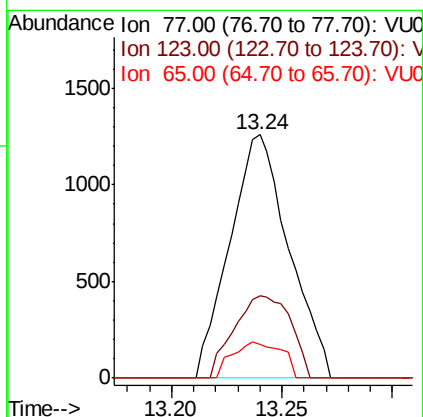
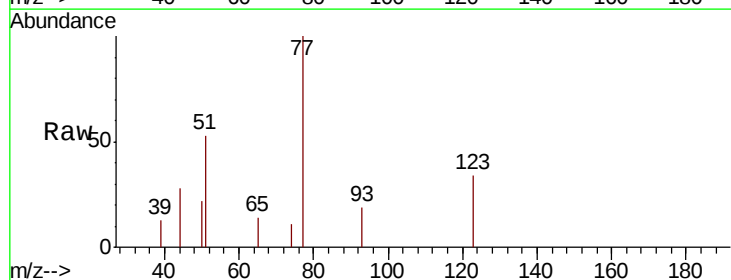
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

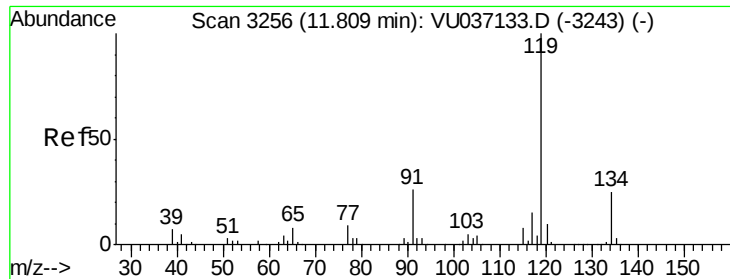
Tot Ion:105 Resp: 137770
 Ion Ratio Lower Upper
 105 100
 134 18.9 16.0 24.0



#80
 Nitrobenzene
 Concen: 37.217 ug/l
 RT: 13.24 min Scan# 3701
 Delta R.T. -0.00 min
 Lab File: VU037132.D
 Acq: 09 Mar 2020 13:53

Tgt Ion: 77 Resp: 2332
 Ion Ratio Lower Upper
 77 100
 123 32.3 19.6 69.6
 65 12.4 12.7 16.1#

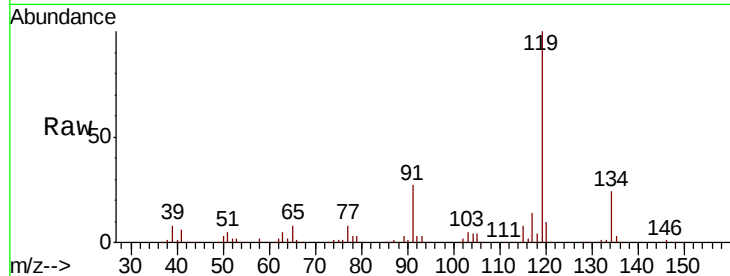




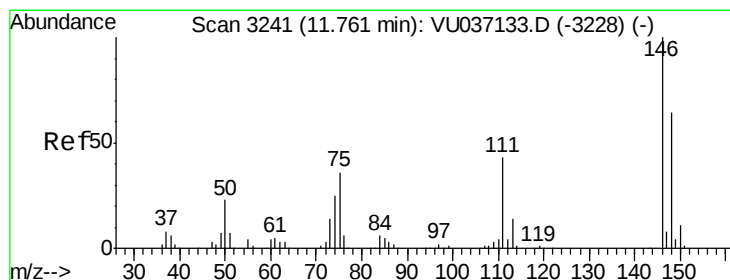
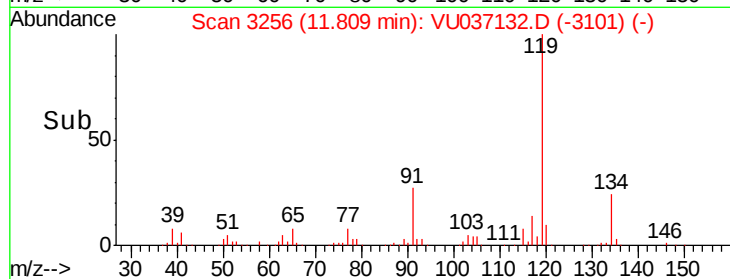
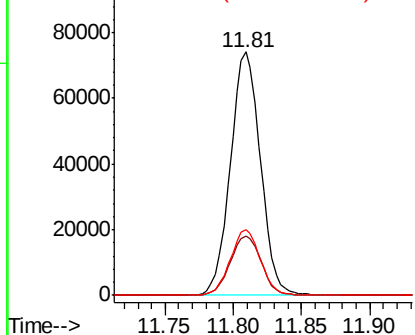
#81
 p-Isopropyltoluene
 Concen: 5.390 ug/l
 RT: 11.81 min Scan# 3256
 Delta R.T. -0.00 min
 Lab File: VU037132.D
 Acq: 09 Mar 2020 13:53

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Tot Ion:119 Resp: 113297
 Ion Ratio Lower Upper
 119 100
 134 25.2 21.4 32.0
 91 27.1 18.3 27.5

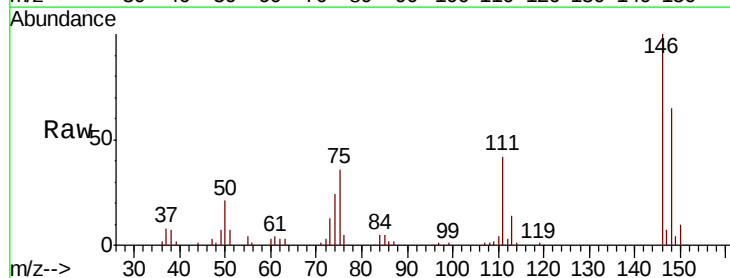


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V

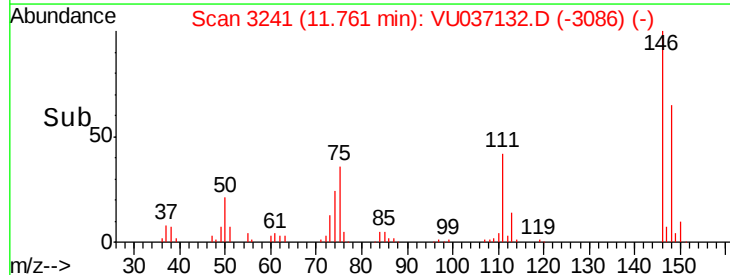
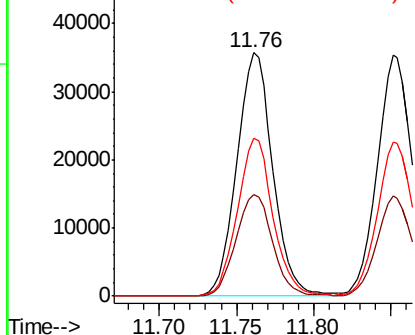


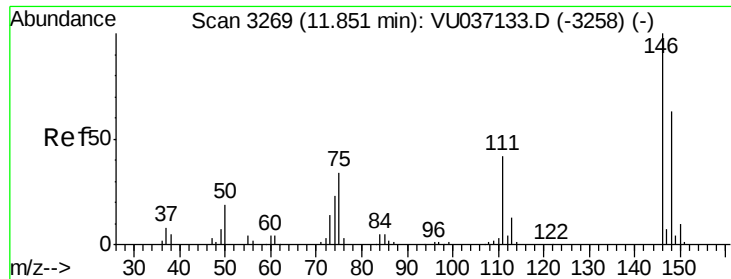
#82
 1,3-Dichlorobenzene
 Concen: 5.368 ug/l
 RT: 11.76 min Scan# 3241
 Delta R.T. -0.00 min
 Lab File: VU037132.D
 Acq: 09 Mar 2020 13:53

Tgt Ion:146 Resp: 57712
 Ion Ratio Lower Upper
 146 100
 111 42.6 32.2 48.2
 148 64.2 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

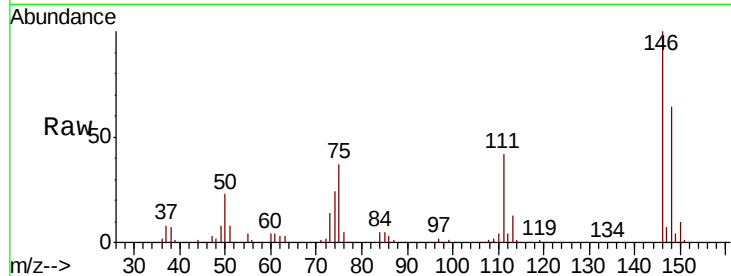




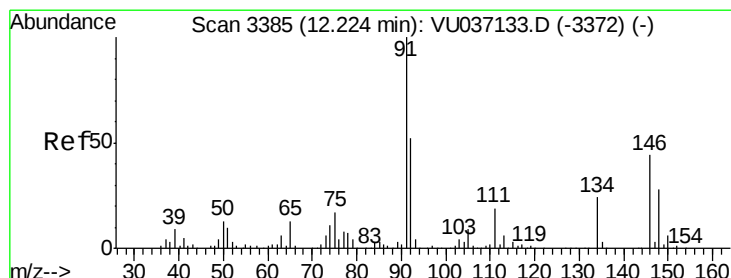
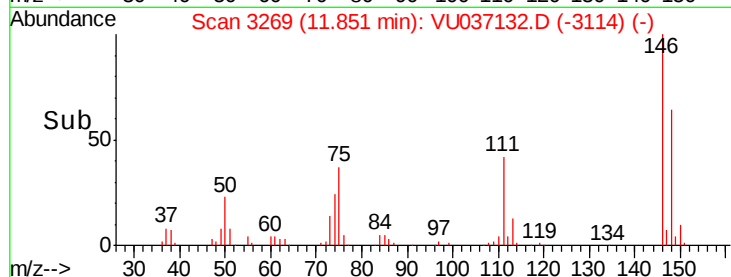
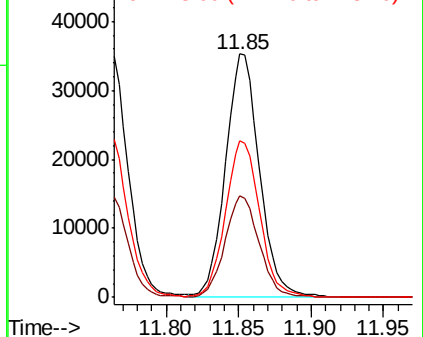
#83
1,4-Dichlorobenzene
Concen: 5.334 ug/l
RT: 11.85 min Scan# 3269
Delta R.T. -0.00 min
Lab File: VU037132.D
Acq: 09 Mar 2020 13:53

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tot Ion:146 Resp: 57317
Ion Ratio Lower Upper
146 100
111 41.8 30.5 45.7
148 64.6 51.0 76.4

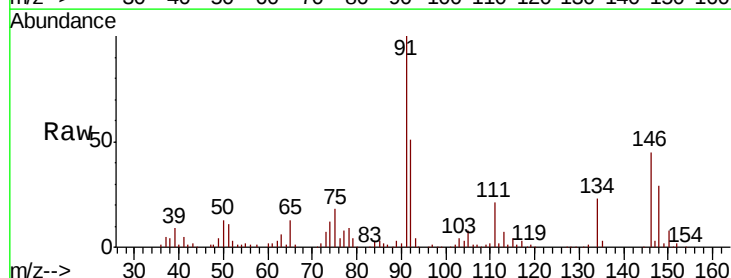


Abundance Ion 146.00 (145.70 to 146.70): V
Ion 111.00 (110.70 to 111.70): V
Ion 148.00 (147.70 to 148.70): V

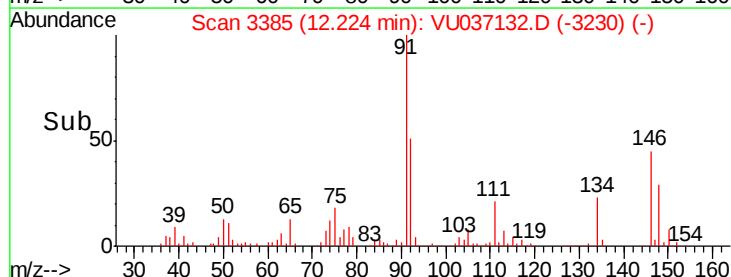
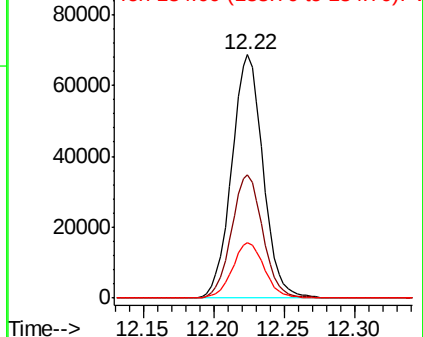


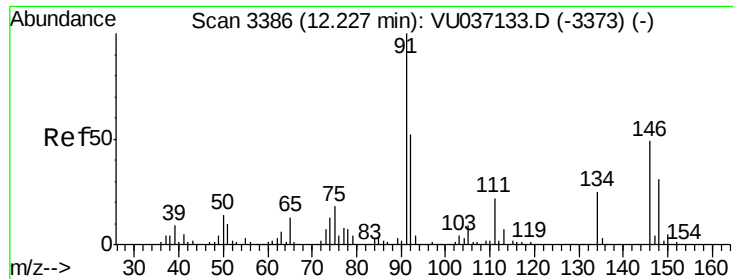
#84
n-Butylbenzene
Concen: 5.498 ug/l
RT: 12.22 min Scan# 3385
Delta R.T. -0.00 min
Lab File: VU037132.D
Acq: 09 Mar 2020 13:53

Tgt Ion: 91 Resp: 106875
Ion Ratio Lower Upper
91 100
92 50.7 42.9 64.3
134 23.2 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

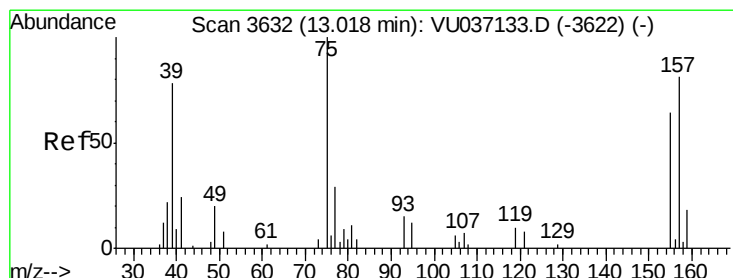
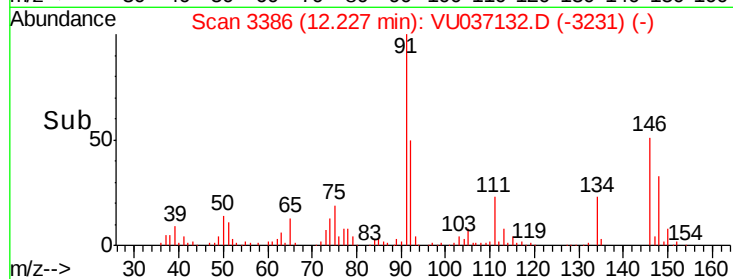
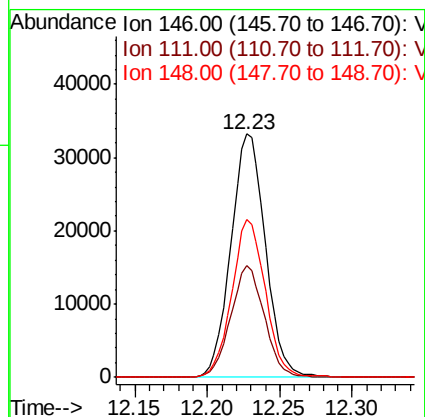
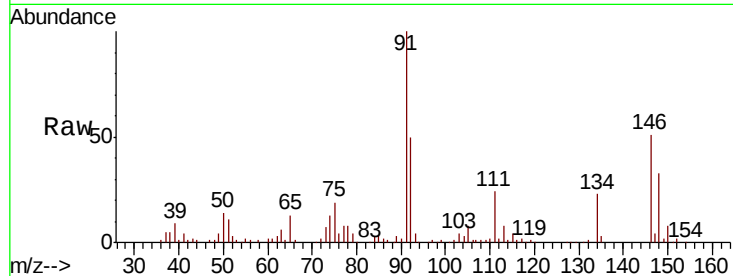




#85
 1,2-Dichlorobenzene
 Concen: 5.318 ug/l
 RT: 12.23 min Scan# 3386
 Delta R.T. -0.00 min
 Lab File: VU037132.D
 Acq: 09 Mar 2020 13:53

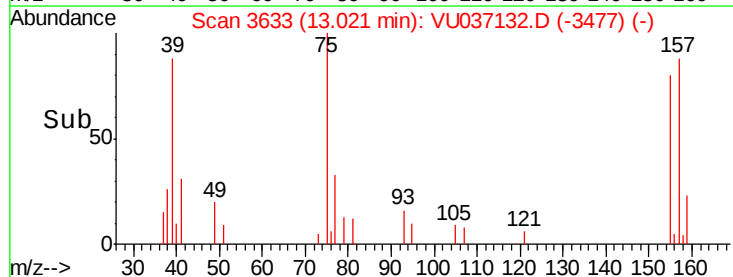
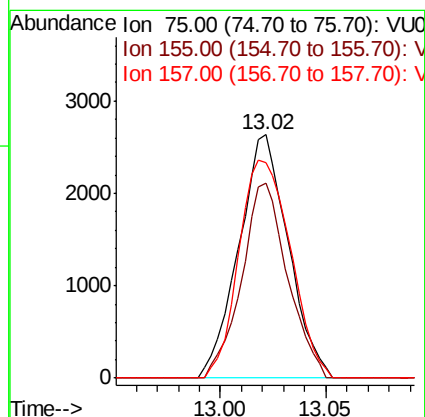
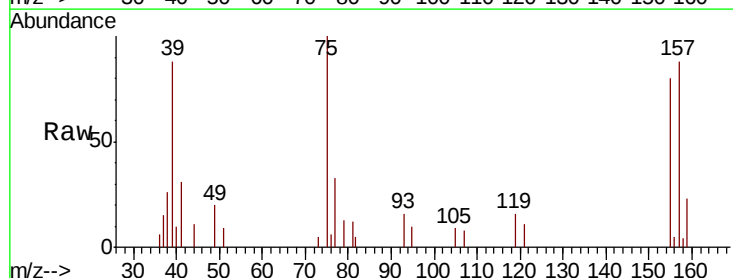
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

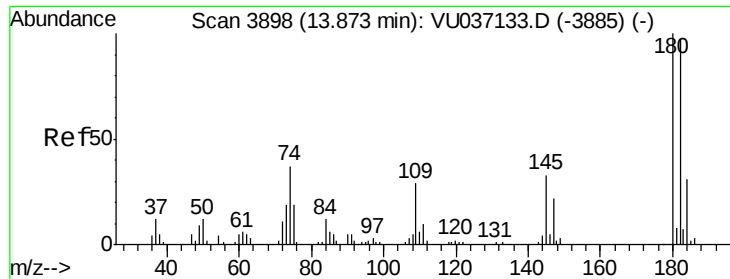
Tot Ion:146 Resp: 54712
 Ion Ratio Lower Upper
 146 100
 111 44.5 20.8 62.4
 148 63.2 32.0 96.2



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 5.810 ug/l
 RT: 13.02 min Scan# 3633
 Delta R.T. 0.00 min
 Lab File: VU037132.D
 Acq: 09 Mar 2020 13:53

Tgt Ion: 75 Resp: 4294
 Ion Ratio Lower Upper
 75 100
 155 74.3 71.8 107.8
 157 93.6 92.4 138.6

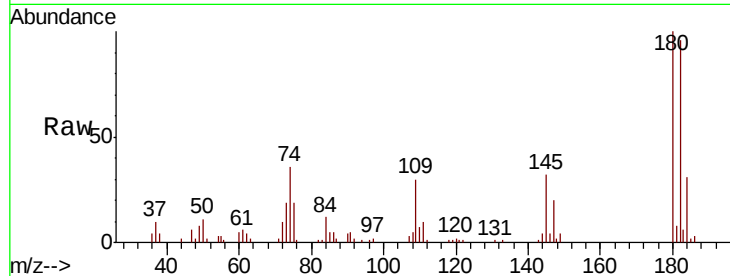




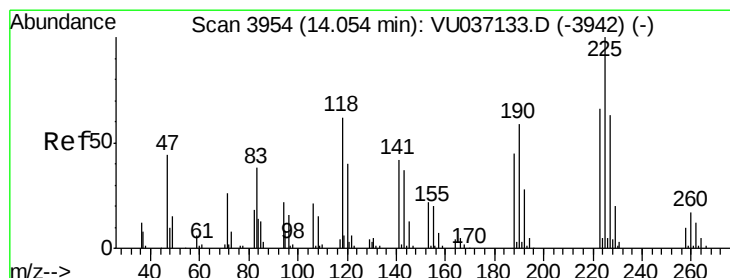
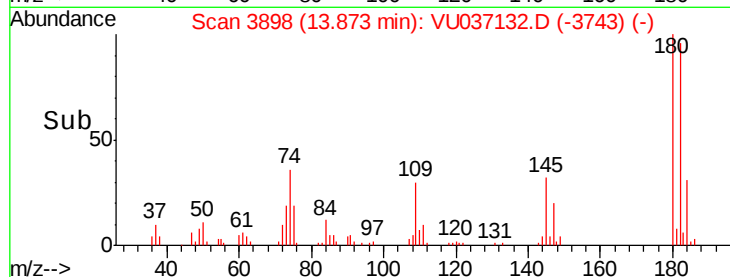
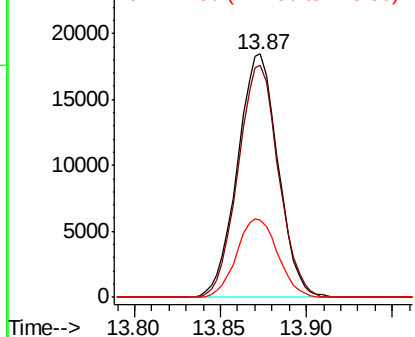
#87
 1,2,4-Trichlorobenzene
 Concen: 4.580 ug/l
 RT: 13.87 min Scan# 3898
 Delta R.T. -0.00 min
 Lab File: VU037132.D
 Acq: 09 Mar 2020 13:53

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Tot Ion:180 Resp: 30141
 Ion Ratio Lower Upper
 180 100
 182 95.0 75.9 113.9
 145 32.5 23.4 35.2

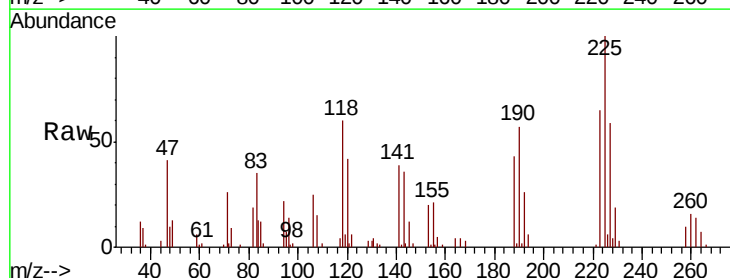


Abundance Ion 179.70 (179.40 to 180.40): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

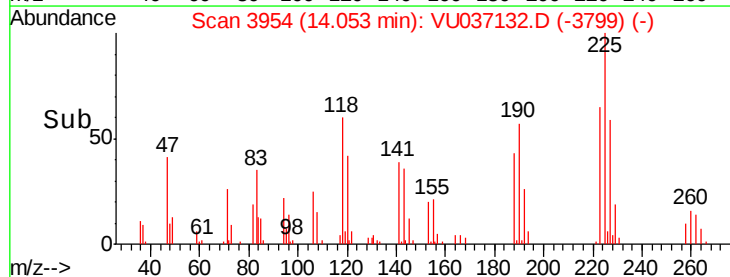
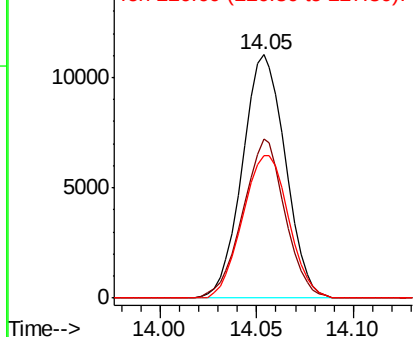


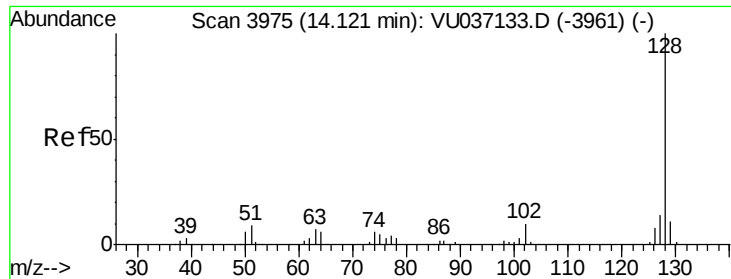
#88
 Hexachlorobutadiene
 Concen: 4.743 ug/l
 RT: 14.05 min Scan# 3954
 Delta R.T. -0.00 min
 Lab File: VU037132.D
 Acq: 09 Mar 2020 13:53

Tgt Ion:225 Resp: 17106
 Ion Ratio Lower Upper
 225 100
 223 64.1 51.7 77.5
 227 62.5 50.6 75.8



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

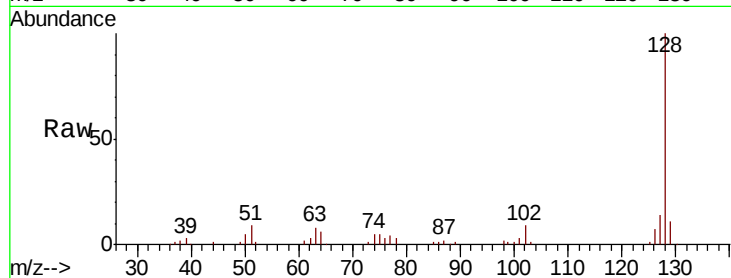




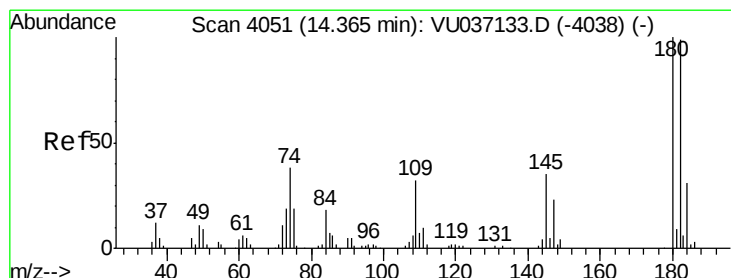
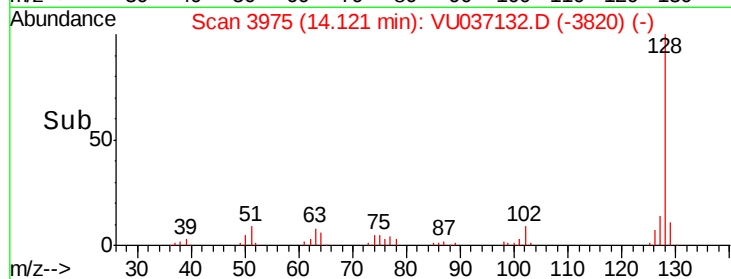
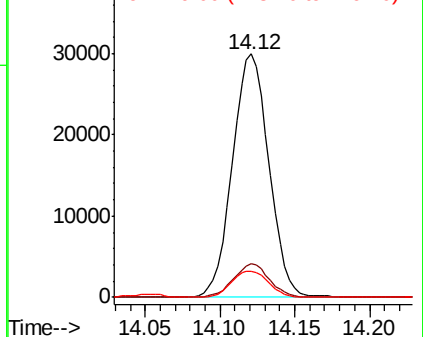
#89
Naphthalene
Concen: 4.474 ug/l
RT: 14.12 min Scan# 3975
Delta R.T. -0.00 min
Lab File: VU037132.D
Acq: 09 Mar 2020 13:53

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tot Ion:128 Resp: 50720
Ion Ratio Lower Upper
128 100
127 13.5 10.5 15.7
129 10.7 8.7 13.1

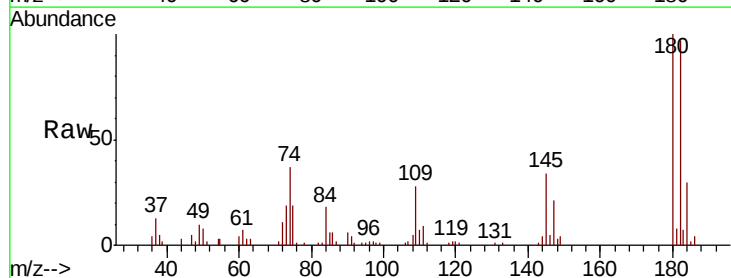


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#90
1,2,3-Trichlorobenzene
Concen: 4.684 ug/l
RT: 14.37 min Scan# 4051
Delta R.T. -0.00 min
Lab File: VU037132.D
Acq: 09 Mar 2020 13:53

Tgt Ion:180 Resp: 28988
Ion Ratio Lower Upper
180 100
182 95.5 76.2 114.4
145 33.9 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

