

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU081220\
 Data File : VU039841.D
 Acq On : 12 Aug 2020 13:01
 Operator : SY/MD
 Sample : VU0812WBSD01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 13 02:50:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U072920DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Jul 31 07:12:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----	-----	-----	-----	-----	-----	-----
1) Fluorobenzene	6.13	96	21833	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.63	95	7238	0.85	ug/l	0.00
Spiked Amount 1.000			Recovery	=	85.00%	
68) 1,2-Dichlorobenzene-d4	12.19	152	7527	0.90	ug/l	0.00
Spiked Amount 1.000			Recovery	=	90.00%	
Target Compounds						
					Ovalue	
2) Dichlorodifluoromethane	1.39	85	13306	1.754	ug/l	99
3) Chloromethane	1.53	50	14810	1.571	ug/l	97
4) Vinyl Chloride	1.61	62	15308	1.762	ug/l	97
5) Bromomethane	1.86	94	7696	1.296	ug/l	100
6) Chloroethane	1.94	64	10720	1.779	ug/l	93
7) Trichlorofluoromethane	2.15	101	20341	1.771	ug/l	93
8) 1,1,2-Trichloro-1,2,2-trif	2.59	101	12272	1.861	ug/l	98
9) 1,1-Dichloroethene	2.59	96	10602	1.748	ug/l	97
10) Iodomethane	2.74	142	4923	0.805	ug/l	95
11) Allyl Chloride	2.94	41	24591	1.879	ug/l	99
12) Acrylonitrile	3.33	53	7676	3.605	ug/l	98
13) Acetone	2.64	43	19314	9.640	ug/l	98
14) Carbon Disulfide	2.81	76	31122	1.399	ug/l	99
15) Methylene Chloride	3.06	84	13996	1.655	ug/l	91
16) trans-1,2-Dichloroethene	3.37	96	12025	1.744	ug/l	99
17) 1,1-Dichloroethane	3.89	63	28561	1.886	ug/l	98
18) 2-Butanone	4.75	43	29446	8.740	ug/l	99
19) Cyclohexane	5.40	56	21497	1.467	ug/l	91
20) Methylcyclohexane	6.77	83	16037	1.476	ug/l	93
21) 2,2-Dichloropropane	4.68	77	22641	1.833	ug/l	99
22) cis-1,2-Dichloroethene	4.68	96	13524	1.819	ug/l	94
23) Diethyl Ether	2.39	59	11346	1.829	ug/l	95
24) tert-Butyl Alcohol	3.21	59	17049	16.096	ug/l #	88
25) Methyl tert-Butyl Ether	3.39	73	35979	1.818	ug/l	94
26) Bromochloromethane	4.99	128	5354	1.760	ug/l	96
27) Chloroform	5.11	83	27093	1.911	ug/l	96
28) 1,1,1-Trichloroethane	5.33	97	21166	1.846	ug/l	99
29) 1,1-Dichloropropene	5.54	75	20139	1.824	ug/l	98
30) Carbon Tetrachloride	5.53	117	17221	1.836	ug/l	99
31) Isopropyl Ether	4.03	45	51946	1.881	ug/l	99
32) Ethyl-t-butyl ether	4.54	59	43089	1.833	ug/l	99
33) Tert-Amyl methyl ether	5.97	73	34890	2.059	ug/l	98
34) Propionitrile	4.81	54	7313	8.799	ug/l #	91
35) Benzene	5.79	78	55298	2.024	ug/l	100
36) 1,2-Dichloroethane	5.81	62	21057	2.056	ug/l	98
37) Trichloroethene	6.55	130	10652	1.704	ug/l	97
38) 1,2-Dichloropropane	6.81	63	14604	1.940	ug/l	98
39) Methacrylonitrile	5.01	41	7036	1.606	ug/l	96
40) Methyl acrylate	4.88	55	9457	1.674	ug/l #	95
41) Tetrahydrofuran	5.09	42	7022	3.187	ug/l	97
42) 1-Chlorobutane	5.47	56	31248	1.803	ug/l	92

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 MSVOA_U
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Quant Time: Aug 13 02:50:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U072920DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Jul 31 07:12:27 2020
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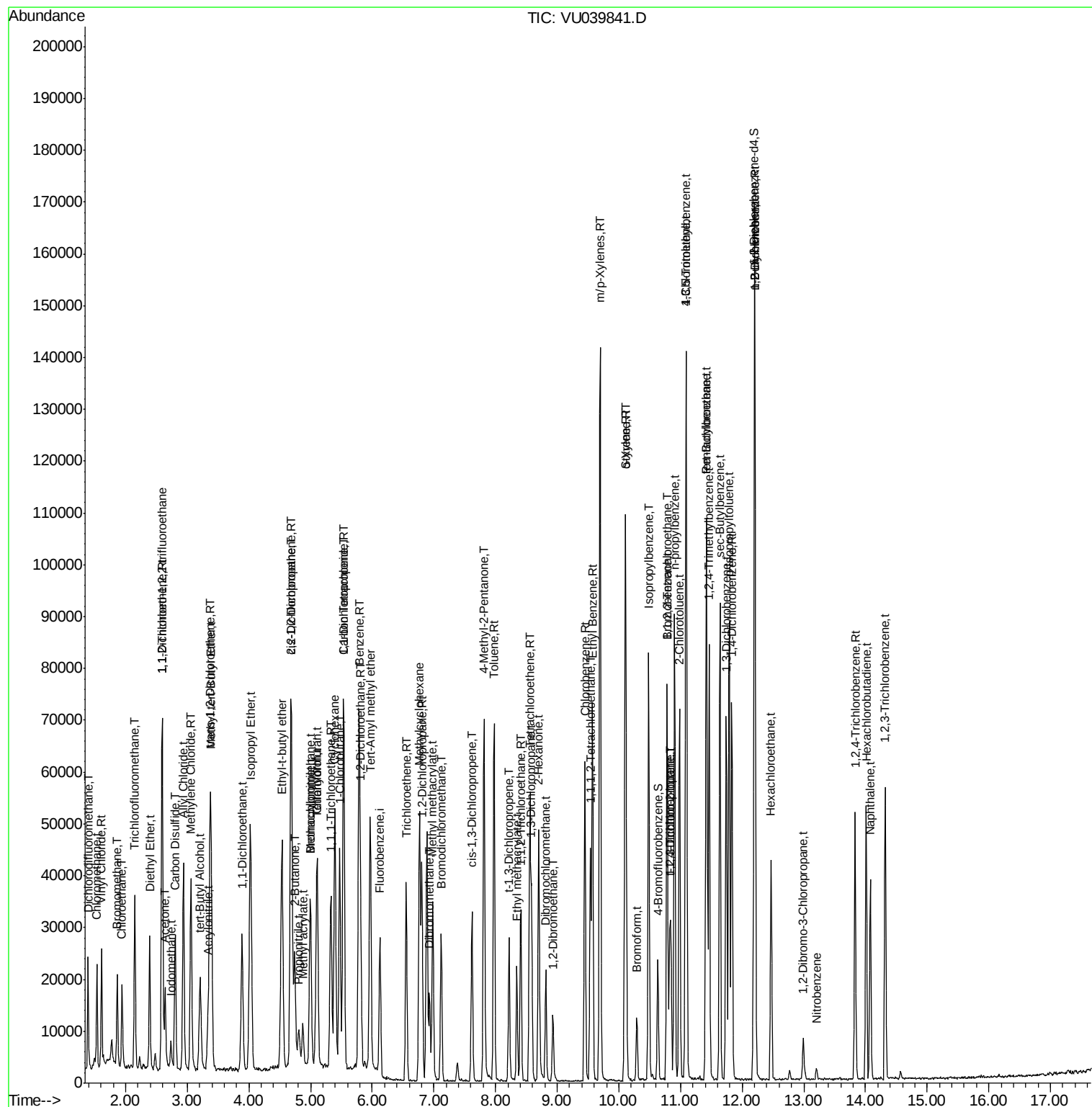
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.93	93	7050	1.740	ug/l	96
44) Bromodichloromethane	7.12	83	17038	1.834	ug/l	97
45) 4-Methyl-2-Pentanone	7.81	43	50749	8.269	ug/l	95
46) t-1,4-Dichloro-2-butene	10.83	75	14936	8.182	ug/l #	48
47) Methyl methacrylate	6.98	69	12532	3.316	ug/l	94
48) Ethyl methacrylate	8.34	69	10273	1.477	ug/l	95
49) Toluene	7.98	92	26101	1.605	ug/l	97
50) t-1,3-Dichloropropene	8.22	75	14029	1.677	ug/l	96
51) cis-1,3-Dichloropropene	7.62	75	16287	1.656	ug/l	89
52) 1,1,2-Trichloroethane	8.41	97	9063	1.722	ug/l	98
53) 1,3-Dichloropropane	8.58	76	16859	1.668	ug/l	99
54) 2-Hexanone	8.70	43	35269	8.026	ug/l	94
55) Dibromochloromethane	8.82	129	9925	1.756	ug/l	98
56) 1,2-Dibromoethane	8.93	107	8513	1.678	ug/l	96
58) Tetrachloroethene	8.56	164	10081	1.842	ug/l	95
59) Chlorobenzene	9.45	112	28957	1.722	ug/l	97
60) 1,1,1,2-Tetrachloroethane	9.54	131	10264	1.810	ug/l	100
61) Pentachloroethane	11.43	117	8576	1.722	ug/l	88
62) Hexachloroethane	12.47	117	7847	1.719	ug/l	99
63) Ethyl Benzene	9.57	91	47245	1.568	ug/l	99
64) m/p-Xylenes	9.70	106	36674	3.115	ug/l	95
65) o-Xylene	10.10	106	17633	1.577	ug/l	99
66) Styrene	10.11	104	30371	1.585	ug/l	97
67) Bromoform	10.29	173	4991	1.731	ug/l #	98
69) Isopropylbenzene	10.48	105	47700	1.598	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.78	83	12701	1.676	ug/l	98
71) 1,2,3-Trichloropropane	10.83	75	14936	2.616	ug/l #	58
72) Bromobenzene	10.78	156	11212	1.654	ug/l	97
73) n-propylbenzene	10.90	120	13420	1.599	ug/l	99
74) 2-Chlorotoluene	10.99	126	11666	1.645	ug/l	99
75) 1,3,5-Trimethylbenzene	11.09	105	41036	1.590	ug/l	100
76) 4-Chlorotoluene	11.10	126	12972	1.766	ug/l	94
77) tert-Butylbenzene	11.42	119	38872	1.570	ug/l	98
78) 1,2,4-Trimethylbenzene	11.47	105	42718	1.614	ug/l	98
79) sec-Butylbenzene	11.64	105	56810	1.612	ug/l	100
80) Nitrobenzene	13.20	77	1449	11.300	ug/l #	89
81) p-Isopropyltoluene	11.79	119	45558	1.604	ug/l	99
82) 1,3-Dichlorobenzene	11.74	146	24618	1.687	ug/l	99
83) 1,4-Dichlorobenzene	11.83	146	25053	1.707	ug/l	99
84) n-Butylbenzene	12.20	91	49244	1.632	ug/l	97
85) 1,2-Dichlorobenzene	12.21	146	23740	1.688	ug/l	97
86) 1,2-Dibromo-3-Chloropropan	12.99	75	2173	1.702	ug/l	94
87) 1,2,4-Trichlorobenzene	13.83	180	13858	1.575	ug/l	99
88) Hexachlorobutadiene	14.01	225	7488	1.874	ug/l	96
89) Naphthalene	14.08	128	29490	1.567	ug/l	99
90) 1,2,3-Trichlorobenzene	14.32	180	14739	1.775	ug/l	98

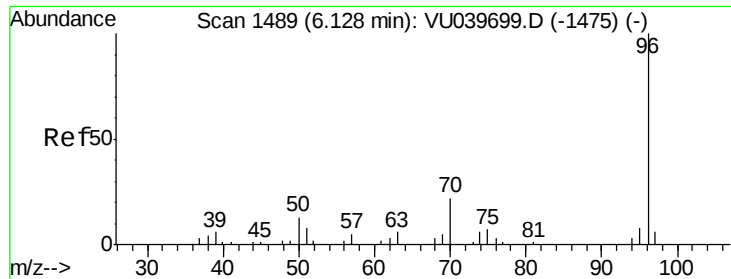
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 6.13 min Scan# 1489

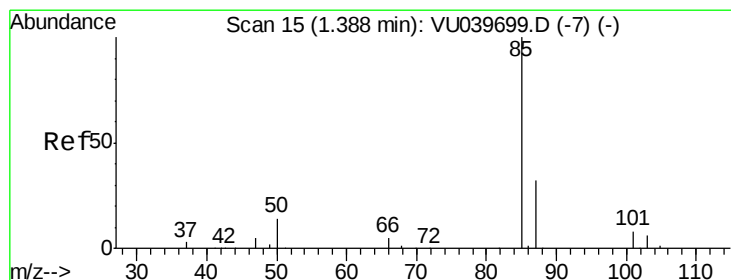
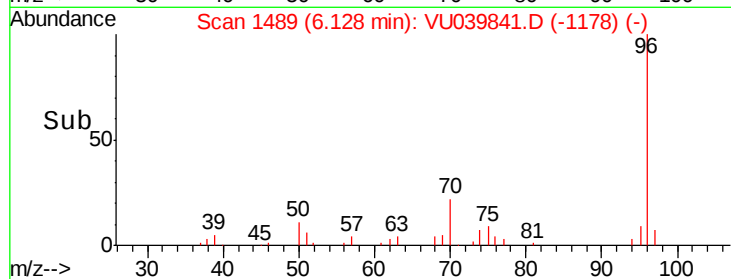
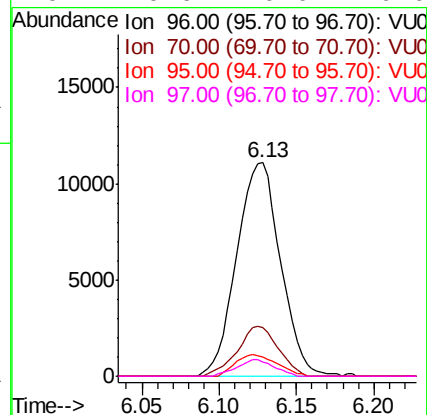
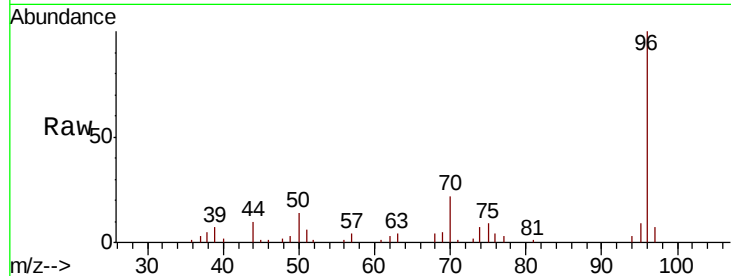
Delta R.T. 0.00 min

Lab File: VU039841.D

Acq: 12 Aug 2020 13:01

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:	96	Resp:	21833
Ion	Ratio	Lower	Upper
96	100		
70	21.7	16.3	24.5
95	9.5	6.8	10.2
97	6.6	0.0	0.0#



#2

Dichlorodifluoromethane

Concen: 1.754 ug/l

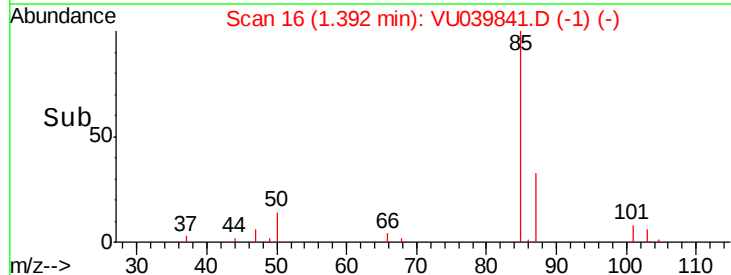
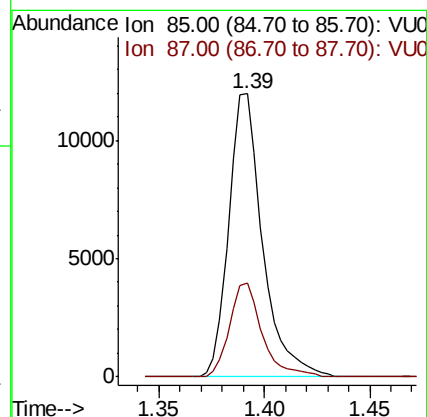
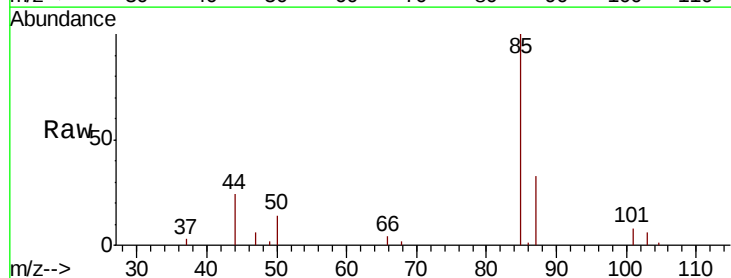
RT: 1.39 min Scan# 16

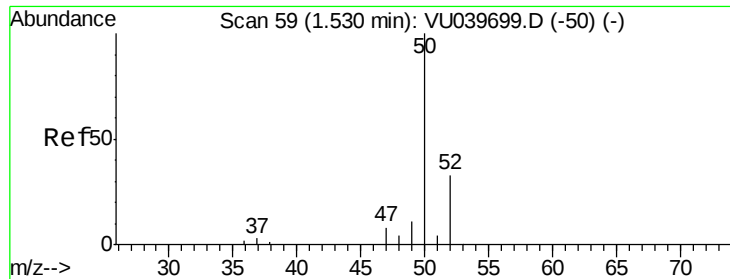
Delta R.T. 0.00 min

Lab File: VU039841.D

Acq: 12 Aug 2020 13:01

Tgt Ion:	85	Resp:	13306
Ion	Ratio	Lower	Upper
85	100		
87	33.0	16.2	48.6





#3

Chloromethane

Concen: 1.571 ug/l

RT: 1.53 min Scan# 60

Delta R.T. 0.00 min

Lab File: VU039841.D

Acq: 12 Aug 2020 13:01

Instrument :

MSVOA_U

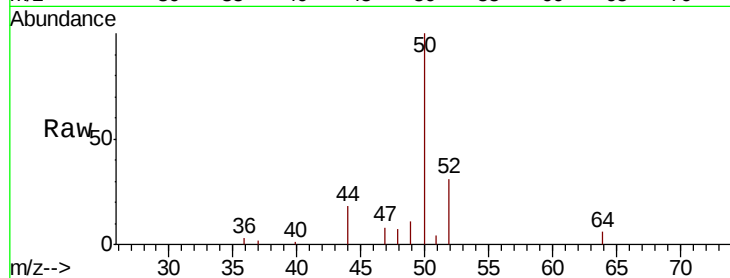
ClientSampleId :

Tot Ion: 50 Resp: 14810

Ion Ratio Lower Upper

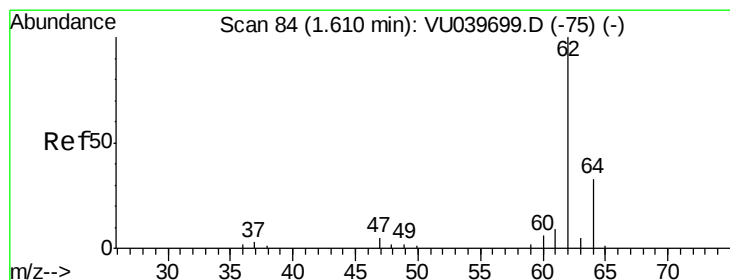
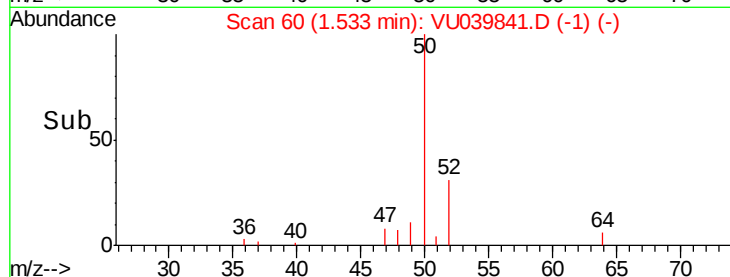
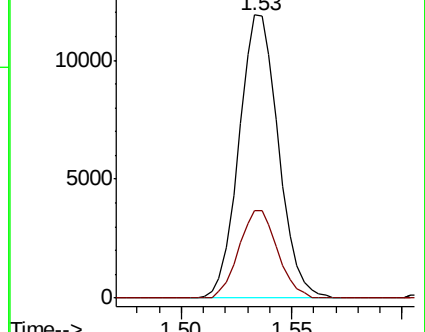
50 100

52 30.9 26.0 39.0



Abundance Ion 50.00 (49.70 to 50.70): VU039841.D (-1) (-)

Ion 52.00 (51.70 to 52.70): VU039841.D (-1) (-)



#4

Vinyl Chloride

Concen: 1.762 ug/l

RT: 1.61 min Scan# 84

Delta R.T. 0.00 min

Lab File: VU039841.D

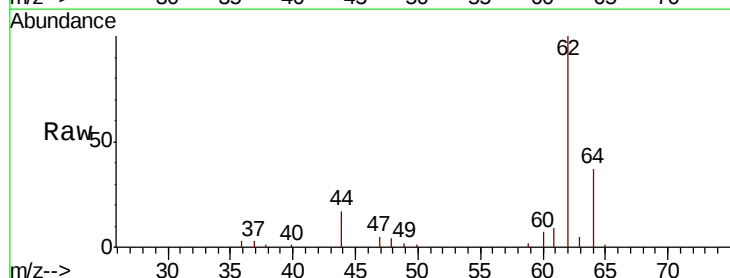
Acq: 12 Aug 2020 13:01

Tgt Ion: 62 Resp: 15308

Ion Ratio Lower Upper

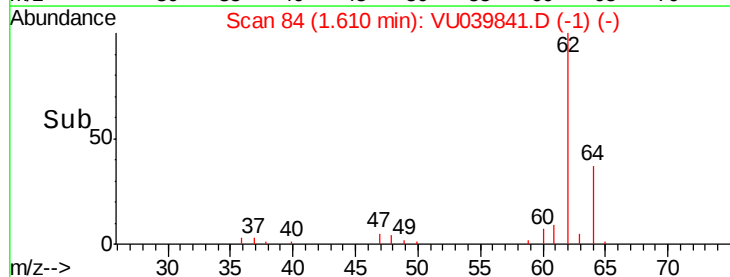
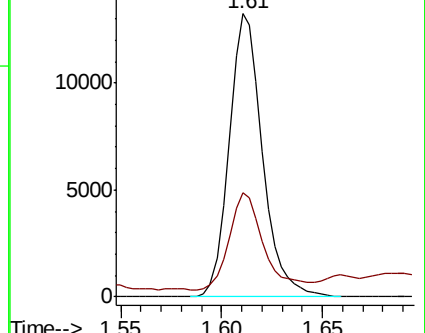
62 100

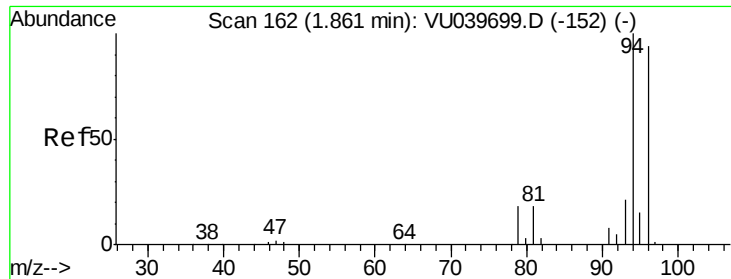
64 34.2 26.0 39.0



Abundance Ion 62.00 (61.70 to 62.70): VU039841.D (-1) (-)

Ion 64.00 (63.70 to 64.70): VU039841.D (-1) (-)

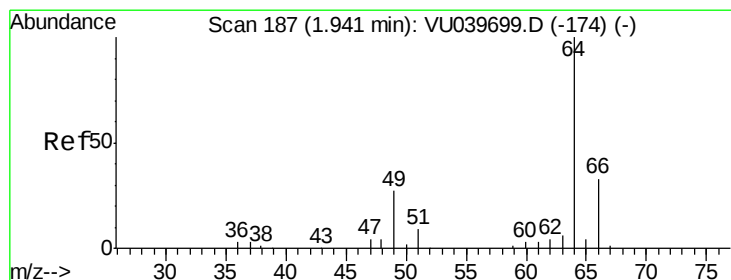
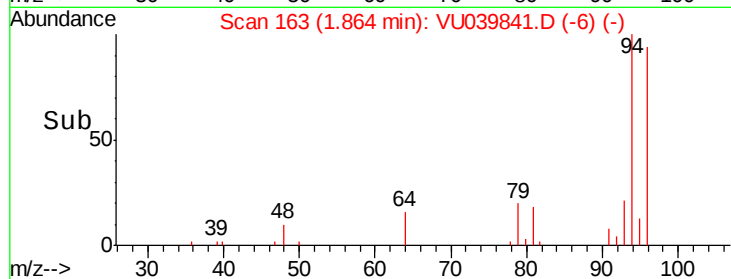
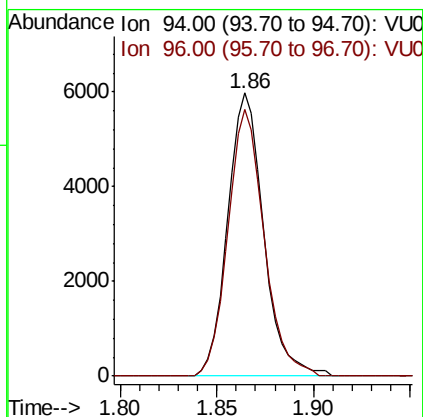
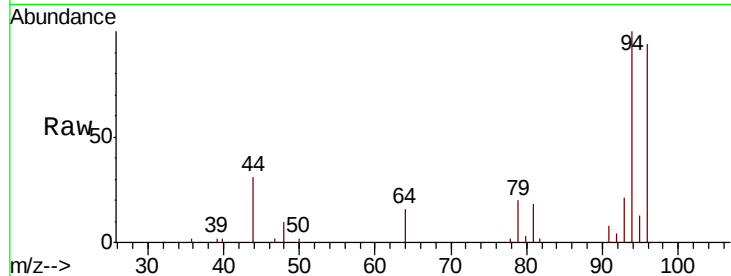




#5
Bromomethane
Concen: 1.296 ug/l
RT: 1.86 min Scan# 163
Delta R.T. 0.00 min
Lab File: VU039841.D
Acq: 12 Aug 2020 13:01

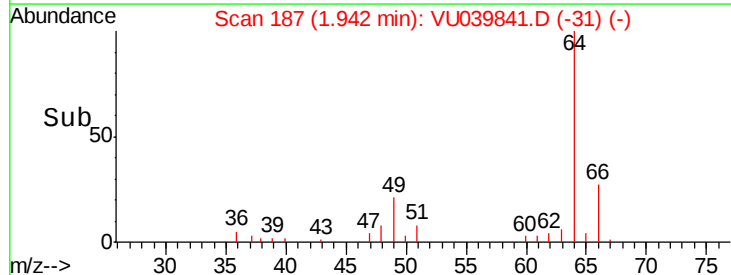
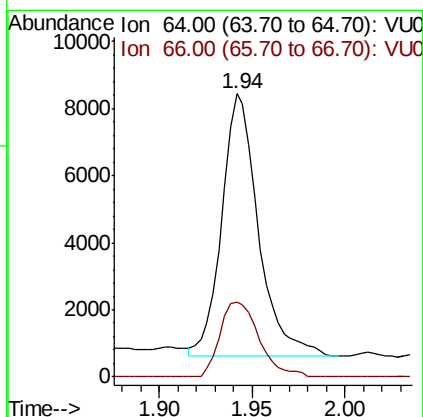
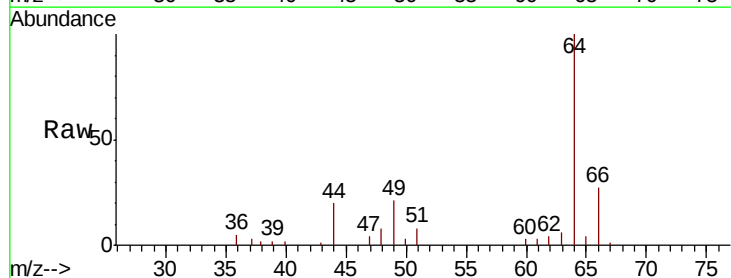
Instrument :
MSVOA_U
ClientSampleId :

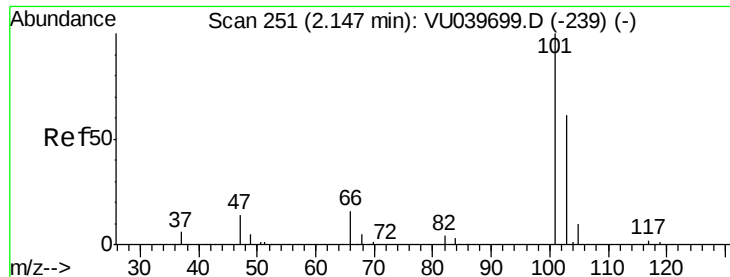
Tot Ion: 94 Resp: 7696
Ion Ratio Lower Upper
94 100
96 94.2 75.0 112.6



#6
Chloroethane
Concen: 1.779 ug/l
RT: 1.94 min Scan# 187
Delta R.T. 0.00 min
Lab File: VU039841.D
Acq: 12 Aug 2020 13:01

Tgt Ion: 64 Resp: 10720
Ion Ratio Lower Upper
64 100
66 28.6 26.2 39.2



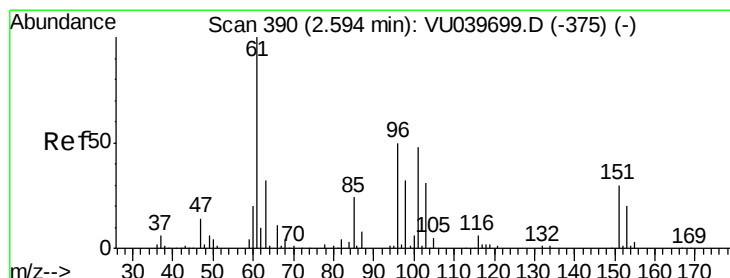
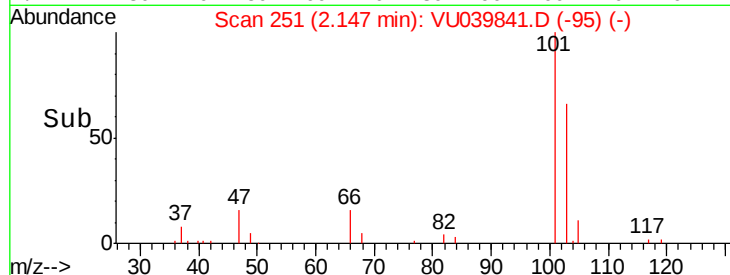
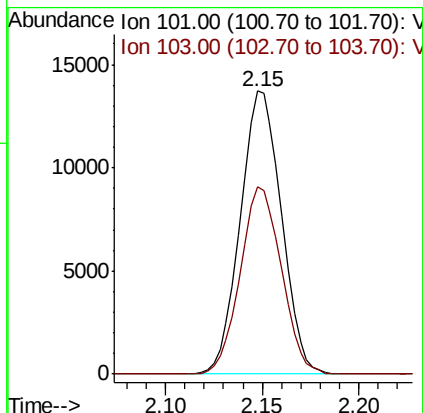
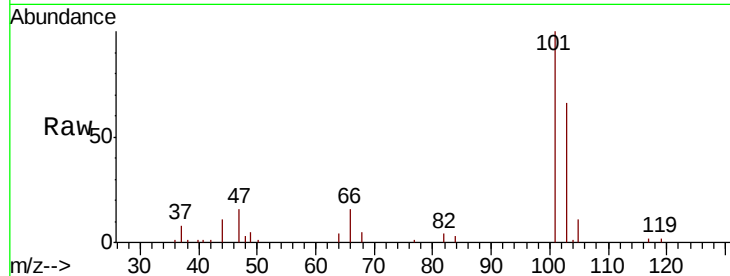


#7

Trichlorofluoromethane
Concen: 1.771 ug/l
RT: 2.15 min Scan# 251
Delta R.T. 0.00 min
Lab File: VU039841.D
Acq: 12 Aug 2020 13:01

Instrument :
MSVOA_U
ClientSampled :

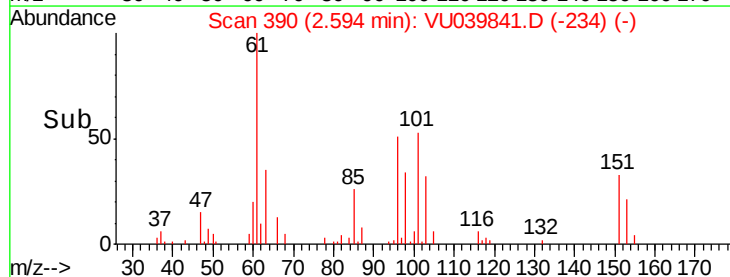
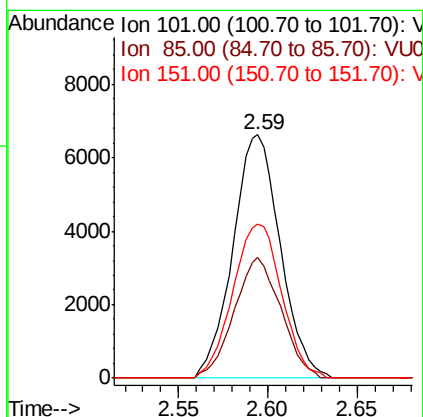
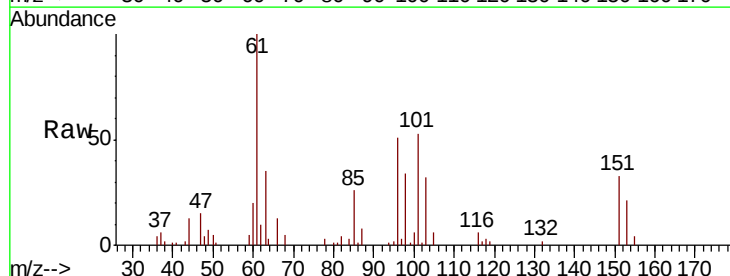
Tot Ion:101 Resp: 20341
Ion Ratio Lower Upper
101 100
103 66.4 48.8 73.2

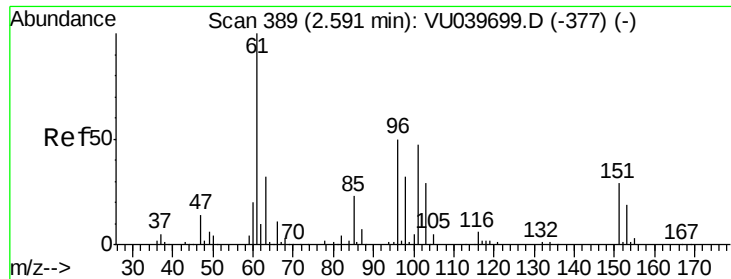


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.861 ug/l
RT: 2.59 min Scan# 390
Delta R.T. 0.00 min
Lab File: VU039841.D
Acq: 12 Aug 2020 13:01

Tgt Ion:101 Resp: 12272
Ion Ratio Lower Upper
101 100
85 48.9 39.9 59.9
151 65.4 51.0 76.4





#9

1,1-Dichloroethene

Concen: 1.748 ug/l

RT: 2.59 min Scan# 390

Delta R.T. 0.00 min

Lab File: VU039841.D

Acq: 12 Aug 2020 13:01

Instrument :

MSVOA_U

ClientSampleId :

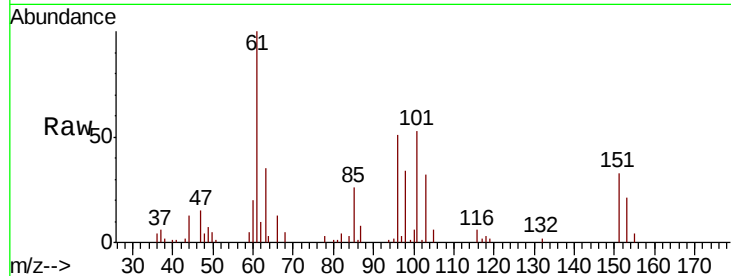
Tot Ion: 96 Resp: 10602

Ion Ratio Lower Upper

96 100

61 196.7 0.0 604.5

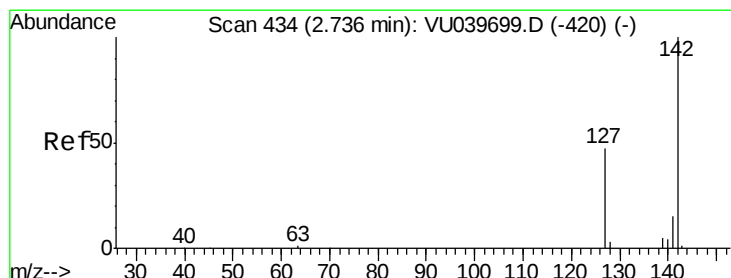
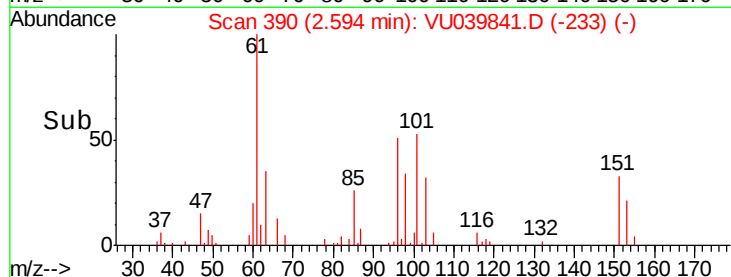
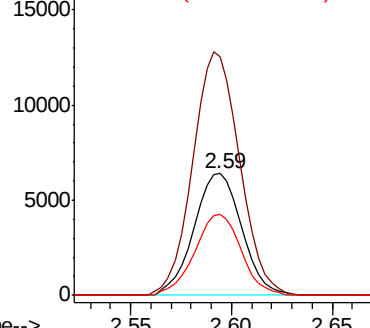
98 66.4 0.0 127.2



Abundance Ion 96.00 (95.70 to 96.70): VU039699.D (-377) (-)

Ion 61.00 (60.70 to 61.70): VU039699.D (-377) (-)

Ion 98.00 (97.70 to 98.70): VU039699.D (-377) (-)



#10

Iodomethane

Concen: 0.805 ug/l

RT: 2.74 min Scan# 434

Delta R.T. 0.00 min

Lab File: VU039841.D

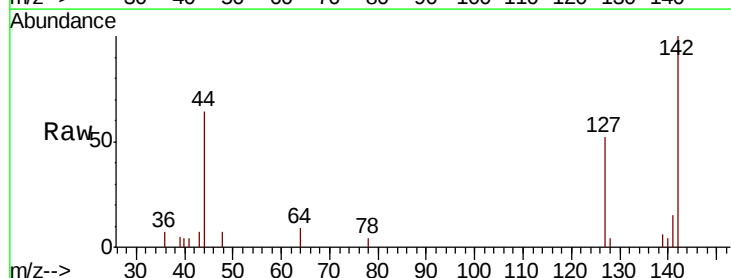
Acq: 12 Aug 2020 13:01

Tgt Ion: 142 Resp: 4923

Ion Ratio Lower Upper

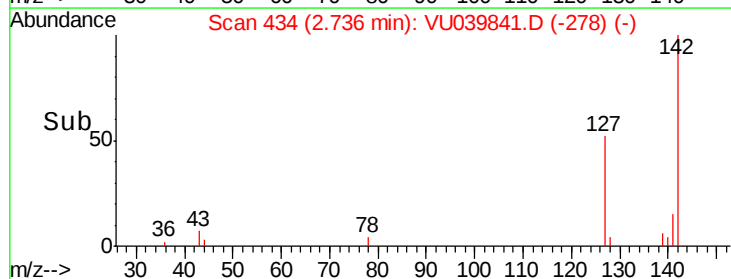
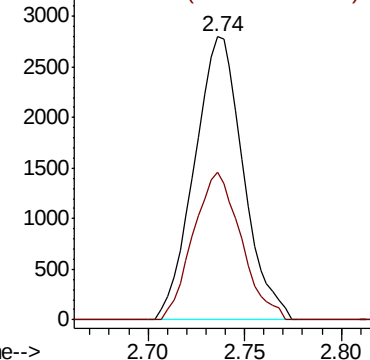
142 100

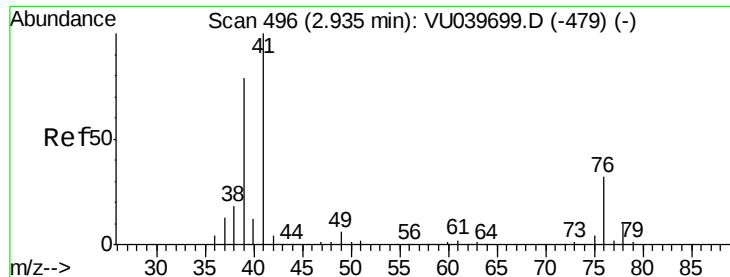
127 51.1 38.4 57.6



Abundance Ion 142.00 (141.70 to 142.70): VU039699.D (-420) (-)

Ion 127.00 (126.70 to 127.70): VU039699.D (-420) (-)





#11

Allvl Chloride

Concen: 1.879 ug/l

RT: 2.94 min Scan# 497

Delta R.T. 0.00 min

Lab File: VU039841.D

Acq: 12 Aug 2020 13:01

Instrument :

MSVOA_U

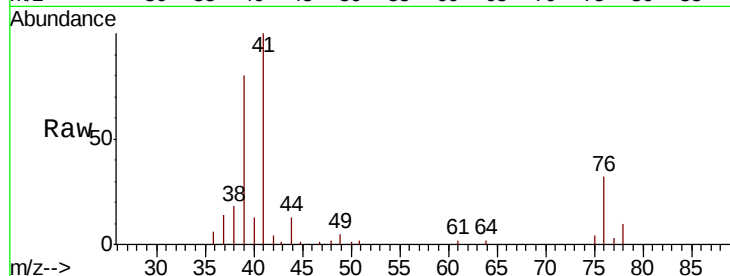
ClientSampled :

Tot Ion: 41 Resp: 24591

Ion Ratio Lower Upper

41 100

39 81.5 64.2 96.2



Abundance Ion 41.00 (40.70 to 41.70): VU039699.D (-479) (-)

Ion 39.00 (38.70 to 39.70): VU039699.D (-479) (-)

2.94

15000

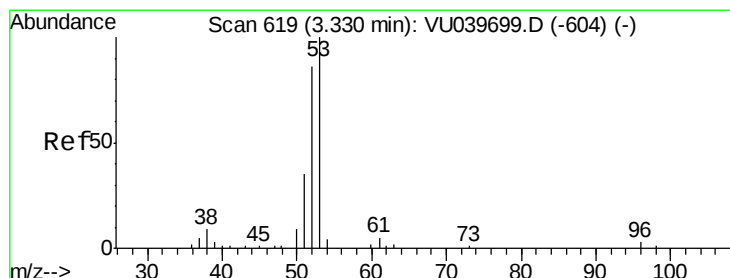
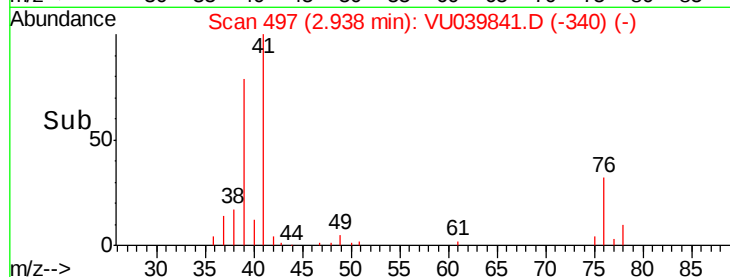
10000

5000

0

Time-->

2.85 2.90 2.95 3.00



#12

Acrylonitrile

Concen: 3.605 ug/l

RT: 3.33 min Scan# 620

Delta R.T. 0.00 min

Lab File: VU039841.D

Acq: 12 Aug 2020 13:01

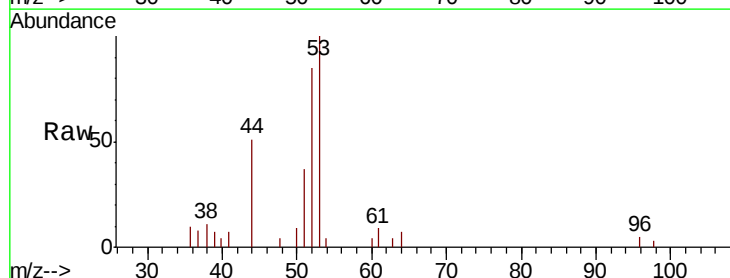
Tgt Ion: 53 Resp: 7676

Ion Ratio Lower Upper

53 100

52 85.0 69.1 103.7

51 38.8 29.4 44.2



Abundance Ion 53.00 (52.70 to 53.70): VU039699.D (-604) (-)

Ion 52.00 (51.70 to 52.70): VU039699.D (-604) (-)

Ion 51.00 (50.70 to 51.70): VU039699.D (-604) (-)

3.33

4000

3000

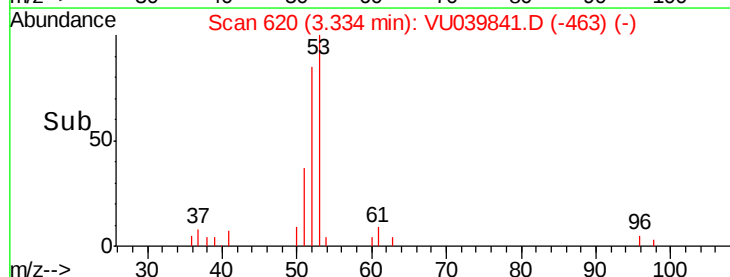
2000

1000

0

Time-->

3.30 3.35 3.40





#13

Acetone

Concen: 9.640 ug/l

RT: 2.64 min Scan# 404

Delta R.T. 0.00 min

Lab File: VU039841.D

Acq: 12 Aug 2020 13:01

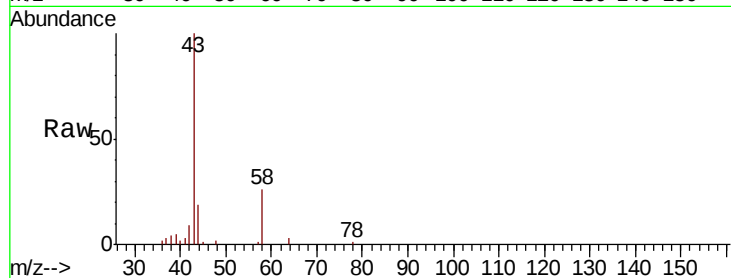
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 19314

Ion Ratio Lower Upper

43 100

58 26.2 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): VU039699.D (-376) (-)

Ion 58.00 (57.70 to 58.70): VU039699.D (-376) (-)

2.64

10000

8000

6000

4000

2000

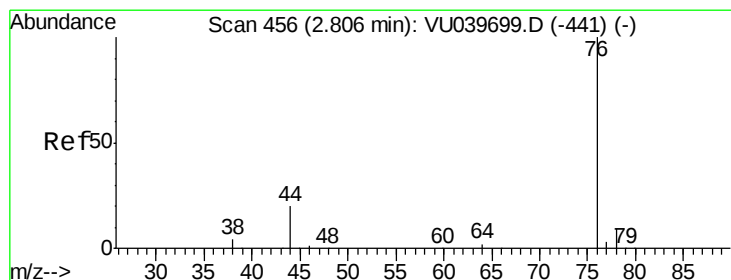
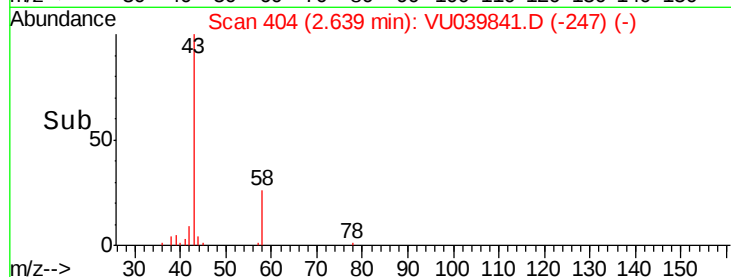
0

Time-->

2.50

2.60

2.70



#14

Carbon Disulfide

Concen: 1.399 ug/l

RT: 2.81 min Scan# 456

Delta R.T. 0.00 min

Lab File: VU039841.D

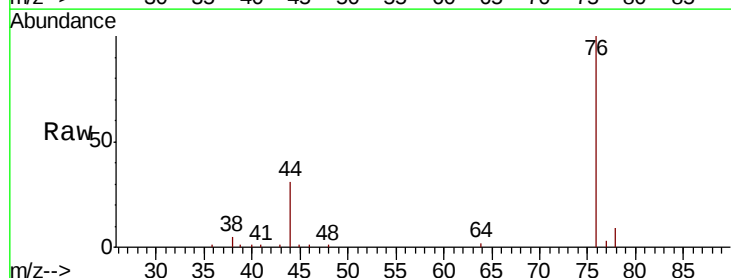
Acq: 12 Aug 2020 13:01

Tgt Ion: 76 Resp: 31122

Ion Ratio Lower Upper

76 100

78 9.0 7.0 10.6



Abundance Ion 76.00 (75.70 to 76.70): VU039699.D (-441) (-)

Ion 78.00 (77.70 to 78.70): VU039699.D (-441) (-)

2.81

20000

15000

10000

5000

0

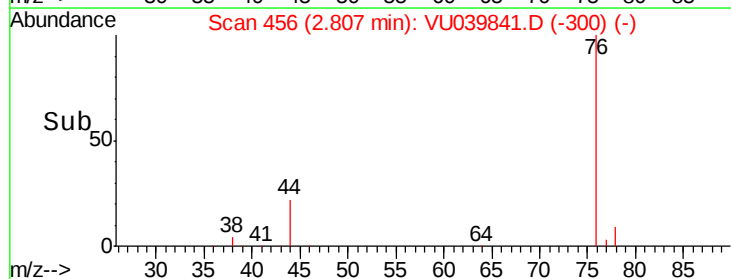
Time-->

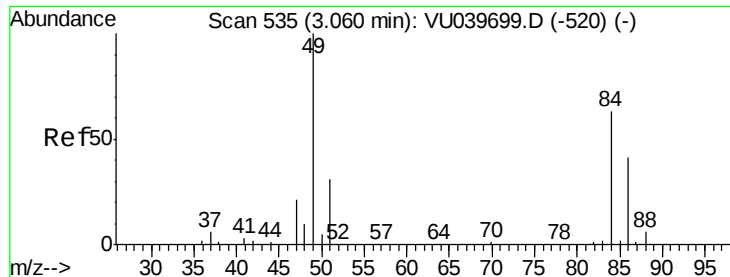
2.75

2.80

2.85

2.90

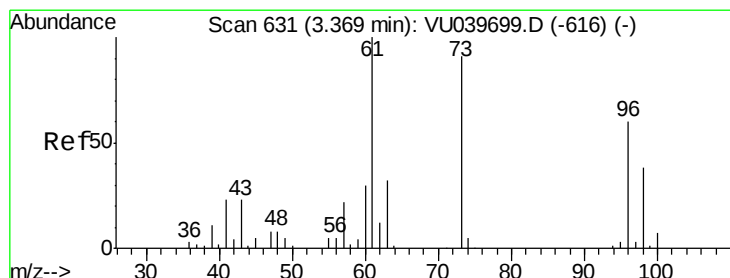
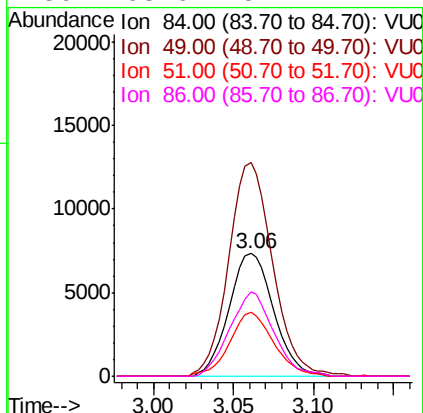
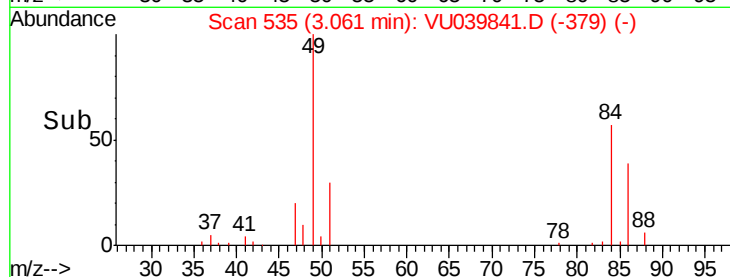
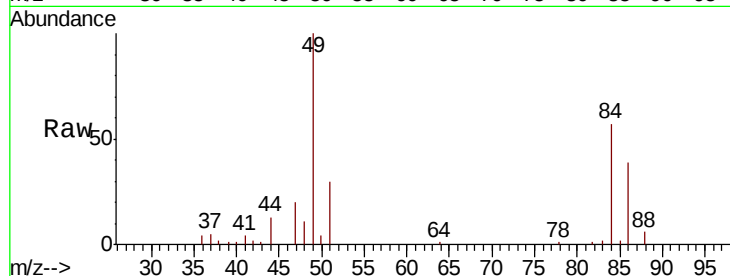




#15
Methvlene Chloride
Concen: 1.655 ug/l
RT: 3.06 min Scan# 535
Delta R.T. 0.00 min
Lab File: VU039841.D
Acq: 12 Aug 2020 13:01

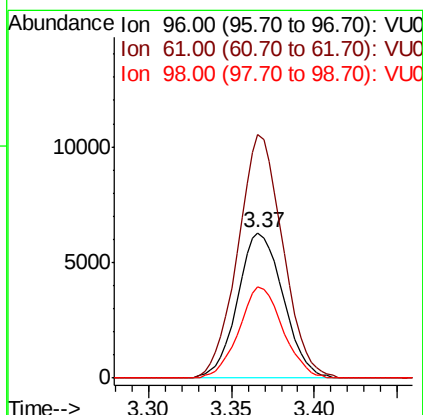
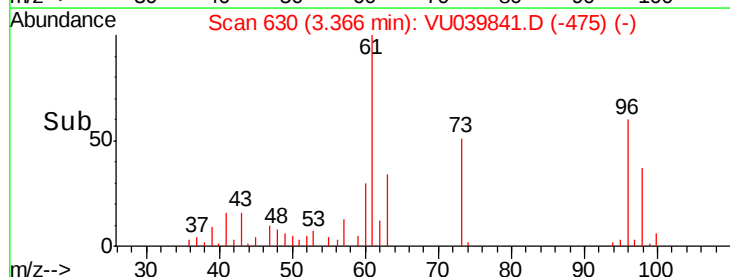
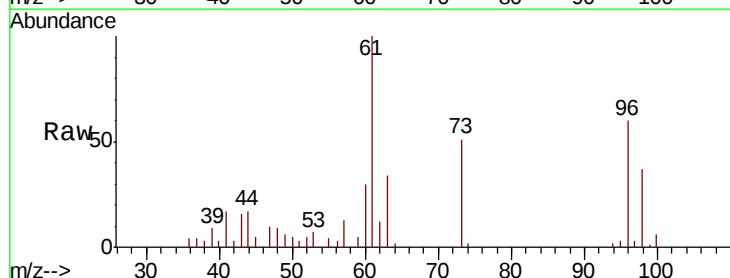
Instrument :
MSVOA_U
ClientSampleId :

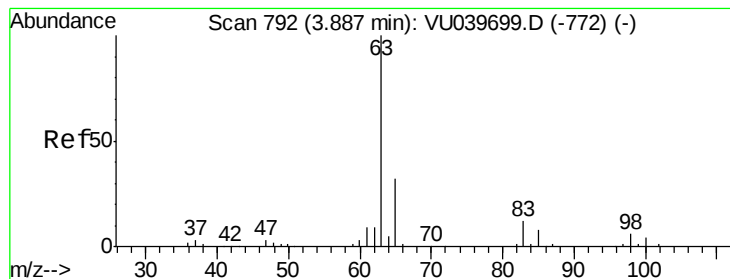
Tot Ion:	84	Resp:	13996
Ion	Ratio	Lower	Upper
84	100		
49	174.3	126.8	190.2
51	52.1	0.0	97.2
86	68.6	51.4	77.2



#16
trans-1,2-Dichloroethene
Concen: 1.744 ug/l
RT: 3.37 min Scan# 630
Delta R.T. -0.00 min
Lab File: VU039841.D
Acq: 12 Aug 2020 13:01

Tgt Ion:	96	Resp:	12025
Ion	Ratio	Lower	Upper
96	100		
61	167.6	132.6	199.0
98	62.5	50.2	75.2





#17

1,1-Dichloroethane

Concen: 1.886 ug/l

RT: 3.89 min Scan# 792

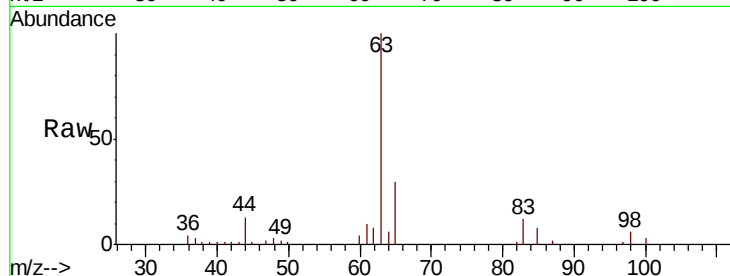
Delta R.T. 0.00 min

Lab File: VU039841.D

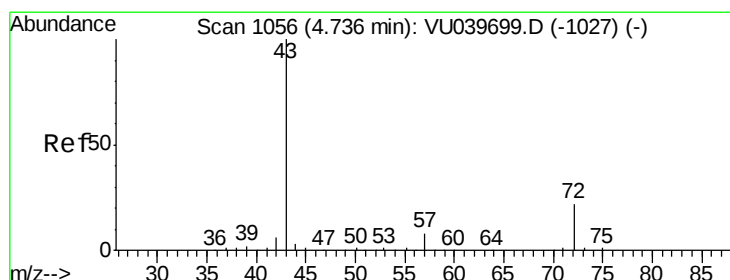
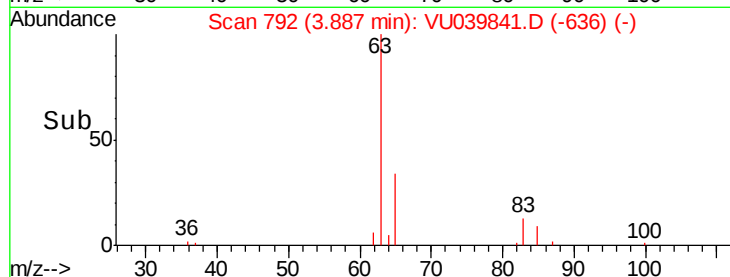
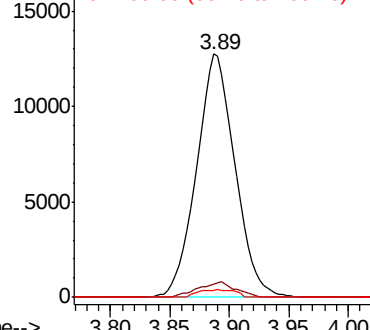
Acq: 12 Aug 2020 13:01

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:	63	Resp:	28561
Ion	Ratio	Lower	Upper
63	100		
98	5.5	2.9	8.7
100	3.0	2.0	6.0



Abundance Ion 63.00 (62.70 to 63.70): VU039699.D (-772) (-)



#18

2-Butanone

Concen: 8.740 ug/l

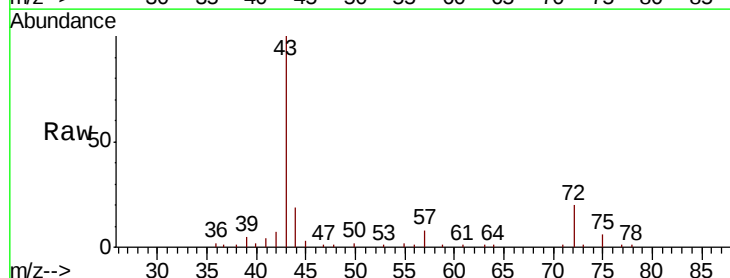
RT: 4.75 min Scan# 1059

Delta R.T. 0.01 min

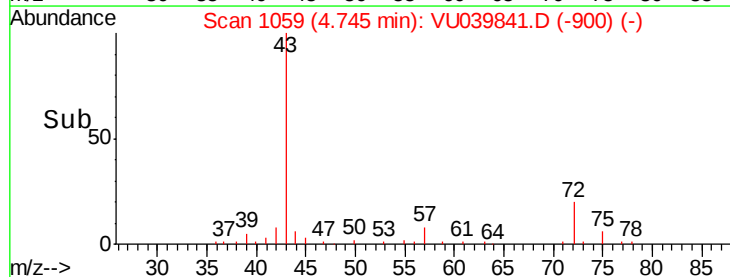
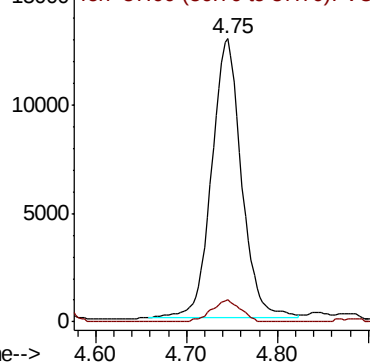
Lab File: VU039841.D

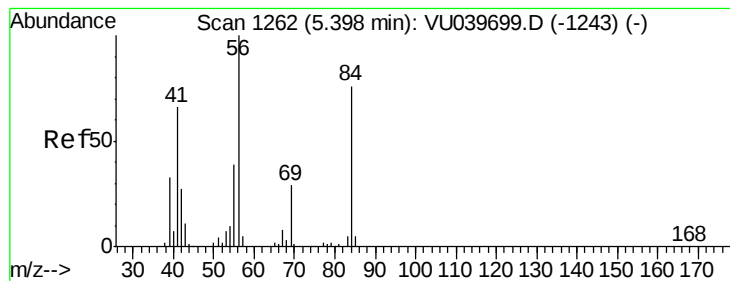
Acq: 12 Aug 2020 13:01

Tgt Ion:	43	Resp:	29446
Ion	Ratio	Lower	Upper
43	100		
57	7.9	0.0	15.2



Abundance Ion 43.00 (42.70 to 43.70): VU039699.D (-1027) (-)





#19

Cyclohexane

Concen: 1.467 ug/l

RT: 5.40 min Scan# 1262

Delta R.T. 0.00 min

Lab File: VU039841.D

Acq: 12 Aug 2020 13:01

Instrument :

MSVOA_U

ClientSampleId :

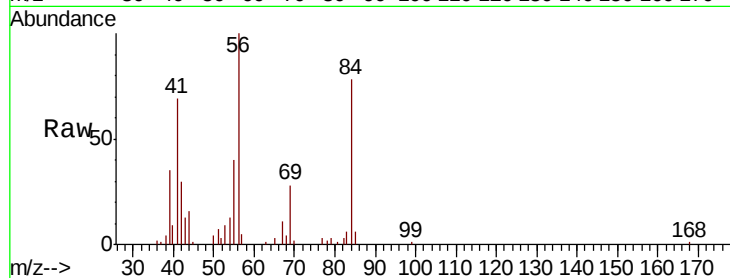
Tot Ion: 56 Resp: 21497

Ion Ratio Lower Upper

56 100

69 30.4 22.8 34.2

84 84.2 59.9 89.9

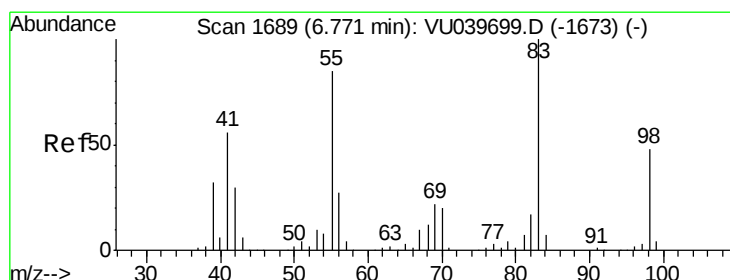
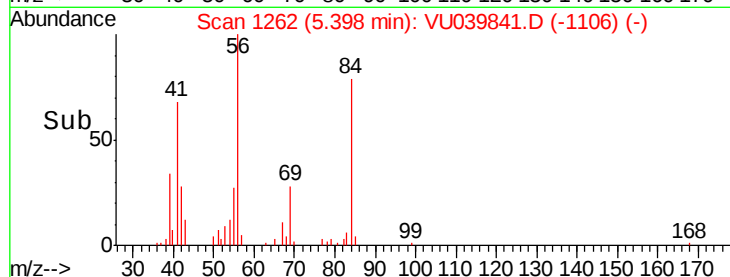
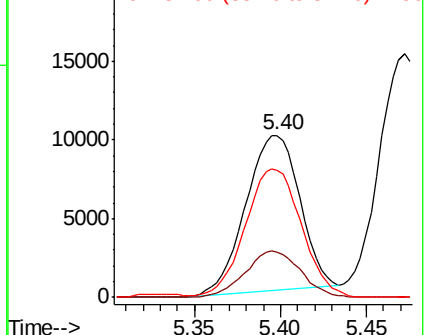


Abundance

Ion 56.00 (55.70 to 56.70): VU0

Ion 69.00 (68.70 to 69.70): VU0

Ion 84.00 (83.70 to 84.70): VU0



#20

Methylcyclohexane

Concen: 1.476 ug/l

RT: 6.77 min Scan# 1688

Delta R.T. -0.00 min

Lab File: VU039841.D

Acq: 12 Aug 2020 13:01

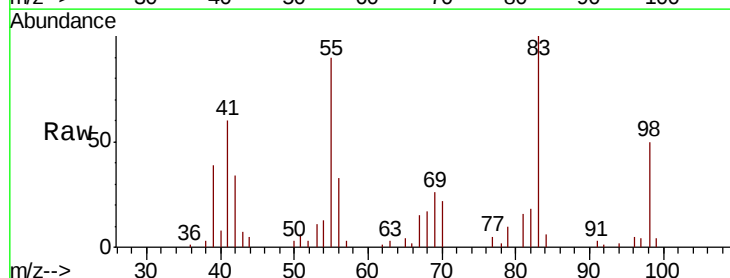
Tgt Ion: 83 Resp: 16037

Ion Ratio Lower Upper

83 100

55 92.9 67.6 101.4

98 48.8 37.3 55.9

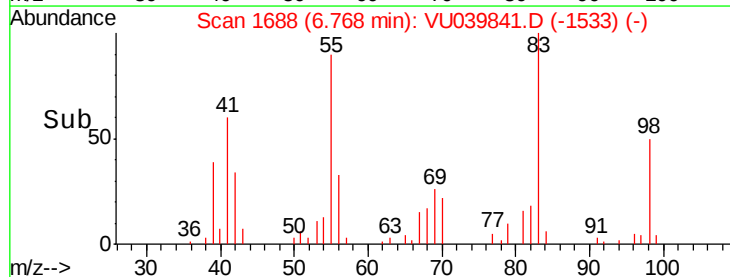
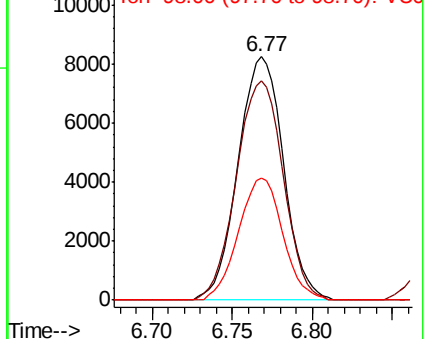


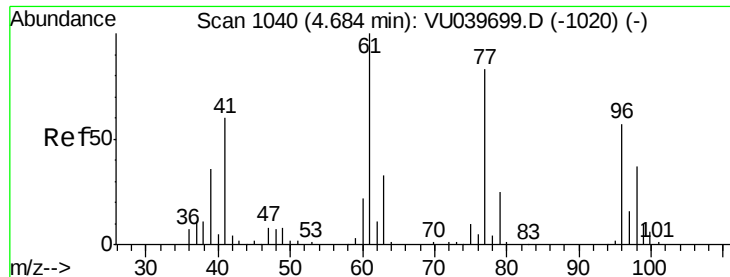
Abundance

Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

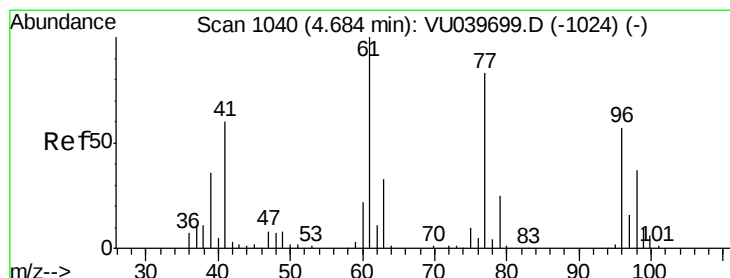
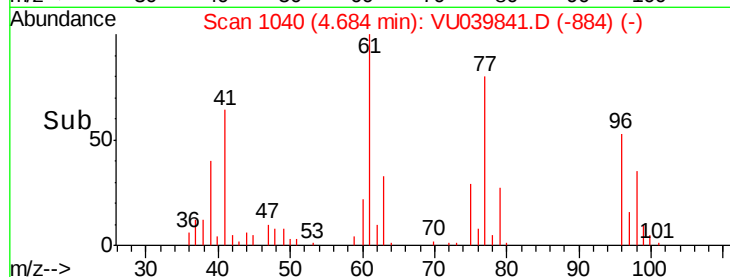
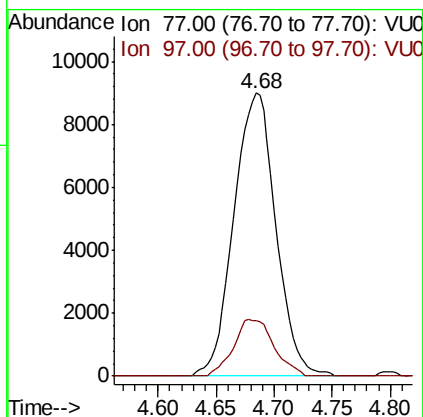
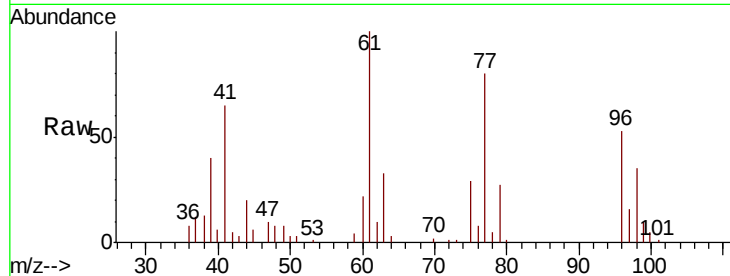




#21
 2,2-Dichloropropane
 Concen: 1.833 ug/l
 RT: 4.68 min Scan# 1040
 Delta R.T. 0.00 min
 Lab File: VU039841.D
 Acq: 12 Aug 2020 13:01

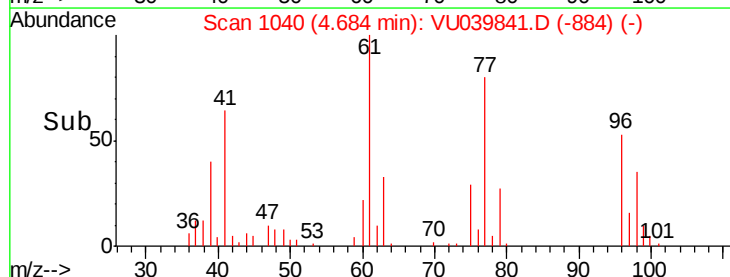
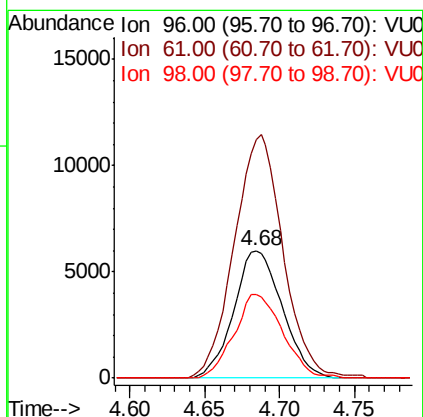
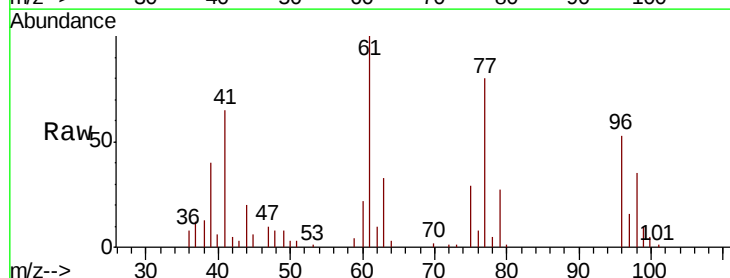
Instrument :
 MSVOA_U
 ClientSampled :

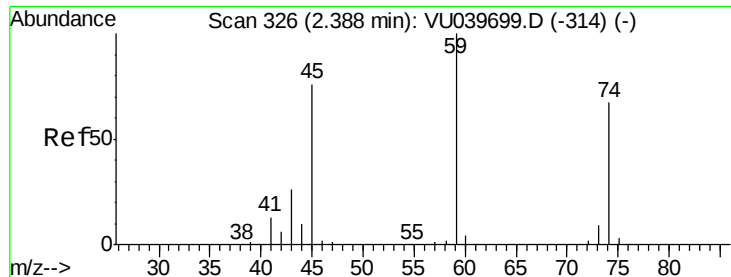
Tot Ion: 77 Resp: 22641
 Ion Ratio Lower Upper
 77 100
 97 19.2 15.2 22.8



#22
 cis-1,2-Dichloroethene
 Concen: 1.819 ug/l
 RT: 4.68 min Scan# 1040
 Delta R.T. 0.00 min
 Lab File: VU039841.D
 Acq: 12 Aug 2020 13:01

Tgt Ion: 96 Resp: 13524
 Ion Ratio Lower Upper
 96 100
 61 191.5 0.0 451.3
 98 65.9 32.6 98.0

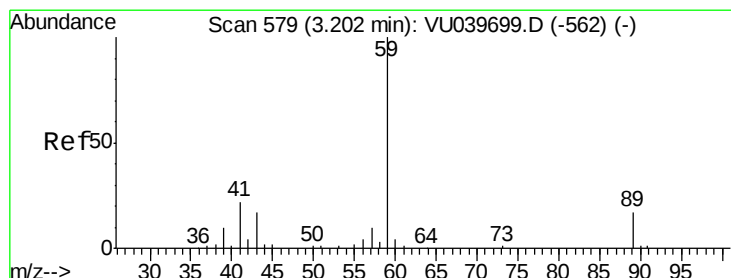
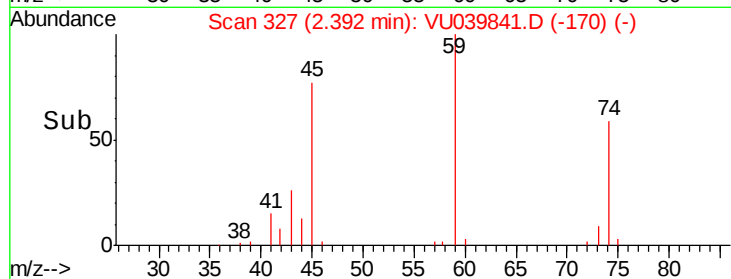
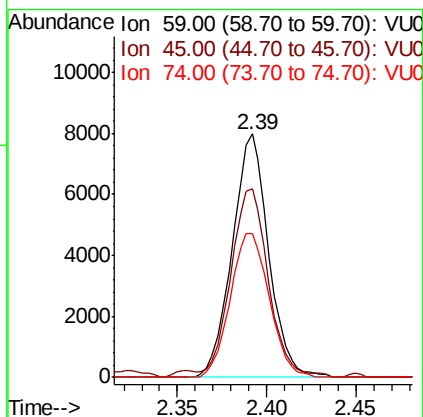
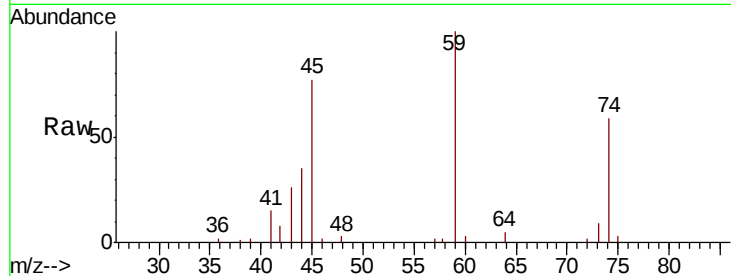




#23
Diethyl Ether
Concen: 1.829 ug/l
RT: 2.39 min Scan# 327
Delta R.T. 0.00 min
Lab File: VU039841.D
Acq: 12 Aug 2020 13:01

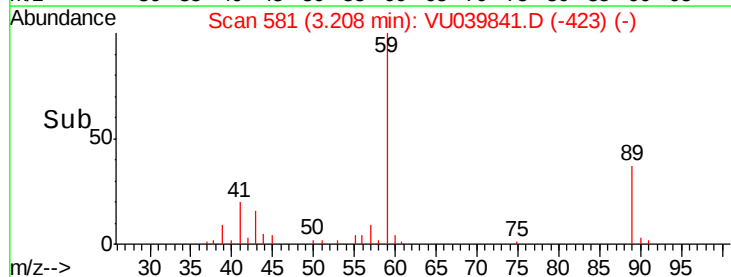
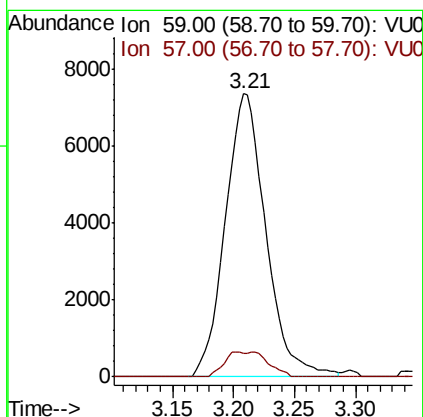
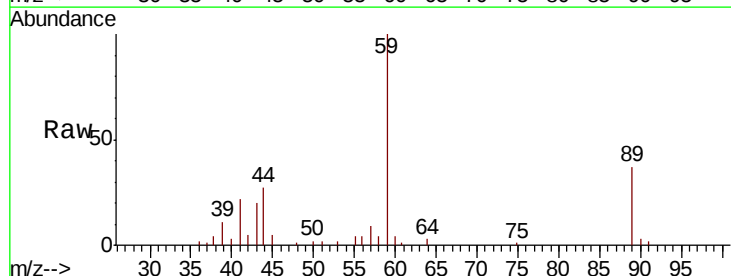
Instrument :
MSVOA_U
ClientSampleId :

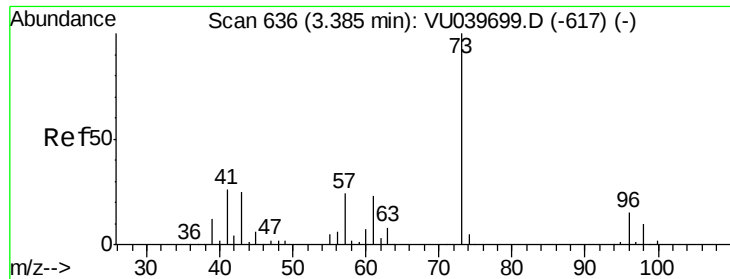
Tot Ion: 59 Resp: 11346
Ion Ratio Lower Upper
59 100
45 80.5 61.5 92.3
74 63.3 54.3 81.5



#24
tert-Butyl Alcohol
Concen: 16.096 ug/l
RT: 3.21 min Scan# 581
Delta R.T. 0.01 min
Lab File: VU039841.D
Acq: 12 Aug 2020 13:01

Tgt Ion: 59 Resp: 17049
Ion Ratio Lower Upper
59 100
57 5.2 7.8 11.6#



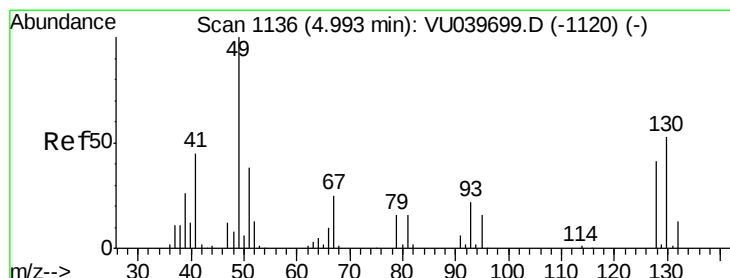
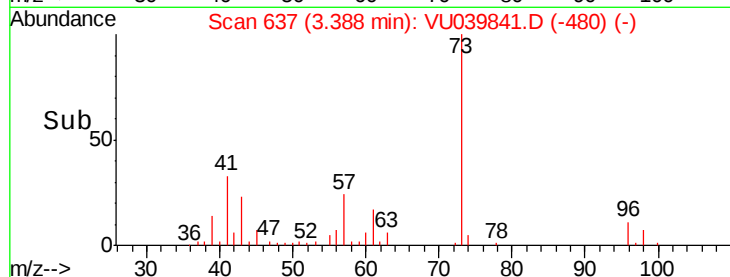
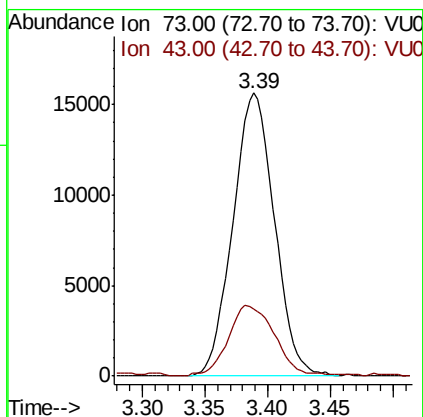
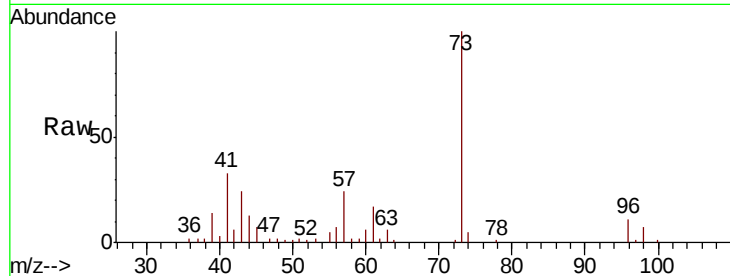


#25

Methvl tert-Butvl Ether
 Concen: 1.818 ug/l
 RT: 3.39 min Scan# 637
 Delta R.T. 0.00 min
 Lab File: VU039841.D
 Acq: 12 Aug 2020 13:01

Instrument :
 MSVOA_U
 ClientSampleId :

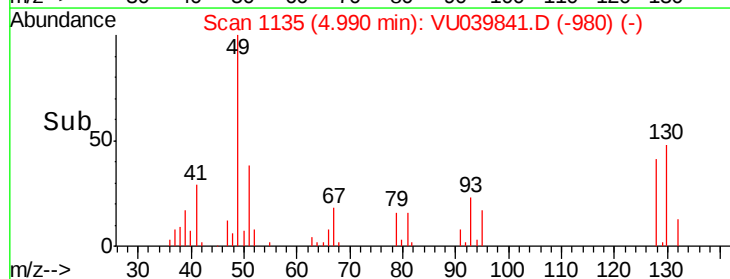
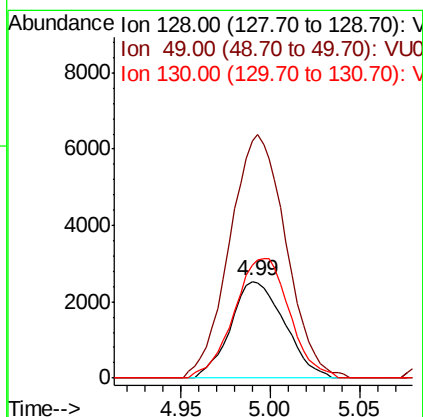
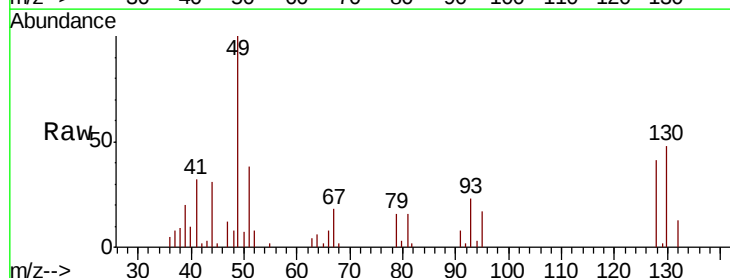
Tot Ion: 73 Resp: 35979
 Ion Ratio Lower Upper
 73 100
 43 28.3 20.1 30.1

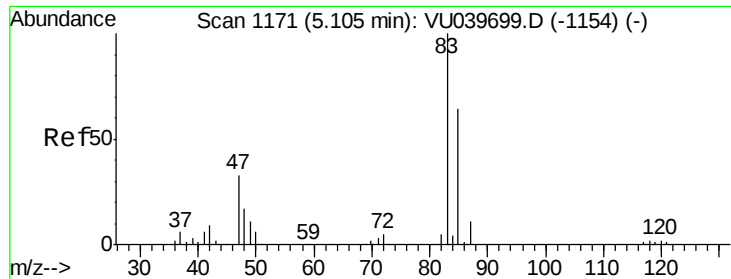


#26

Bromochloromethane
 Concen: 1.760 ug/l
 RT: 4.99 min Scan# 1135
 Delta R.T. -0.00 min
 Lab File: VU039841.D
 Acq: 12 Aug 2020 13:01

Tgt Ion: 128 Resp: 5354
 Ion Ratio Lower Upper
 128 100
 49 261.8 0.0 503.8
 130 127.0 102.7 154.1

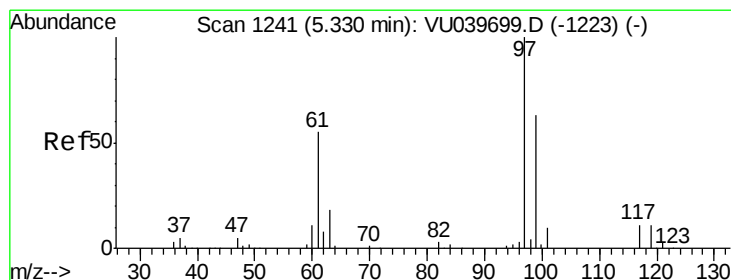
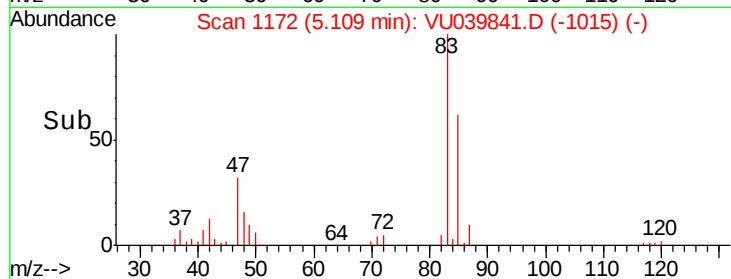
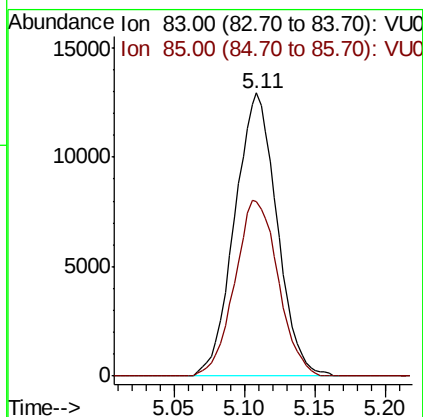
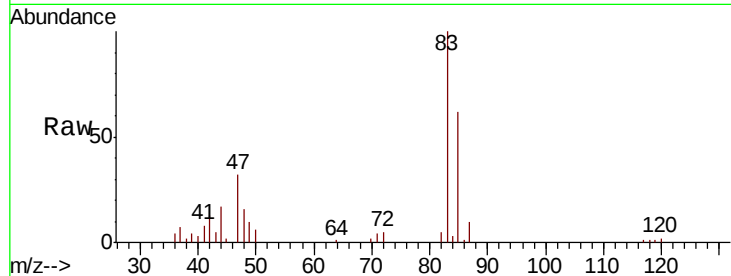




#27
Chloroform
Concen: 1.911 ug/l
RT: 5.11 min Scan# 1172
Delta R.T. 0.00 min
Lab File: VU039841.D
Acq: 12 Aug 2020 13:01

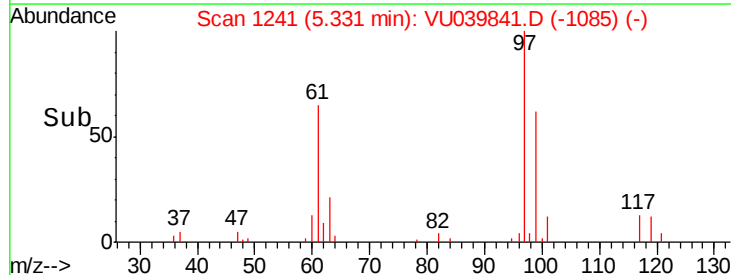
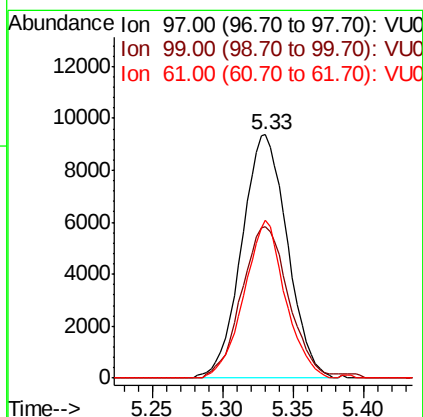
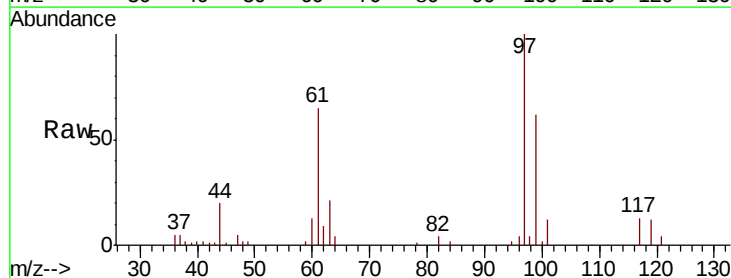
Instrument :
MSVOA_U
ClientSampled :

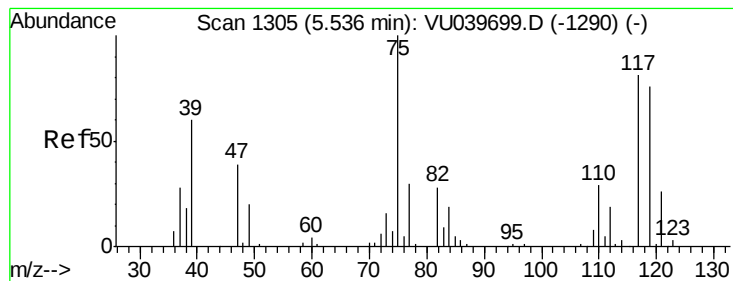
Tot Ion: 83 Resp: 27093
Ion Ratio Lower Upper
83 100
85 61.5 0.0 128.8



#28
1,1,1-Trichloroethane
Concen: 1.846 ug/l
RT: 5.33 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VU039841.D
Acq: 12 Aug 2020 13:01

Tgt Ion: 97 Resp: 21166
Ion Ratio Lower Upper
97 100
99 64.4 32.2 96.6
61 58.7 28.3 85.0





#29

1,1-Dichloropropene

Concen: 1.824 ug/l

RT: 5.54 min Scan# 1305

Delta R.T. 0.00 min

Lab File: VU039841.D

Acq: 12 Aug 2020 13:01

Instrument :
MSVOA_U
ClientSampled :

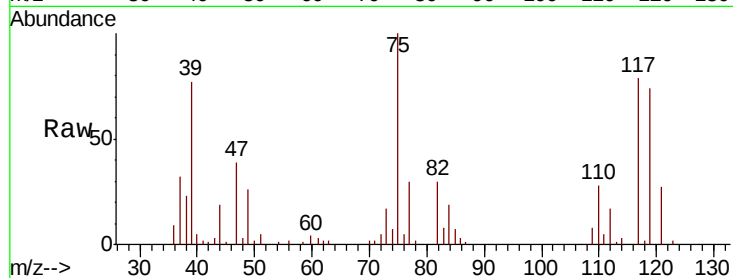
Tot Ion: 75 Resp: 20139

Ion Ratio Lower Upper

75 100

110 28.2 14.6 44.0

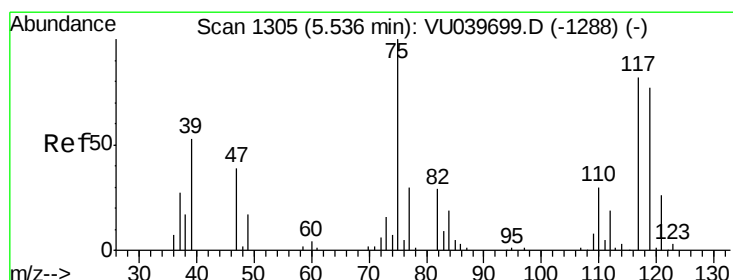
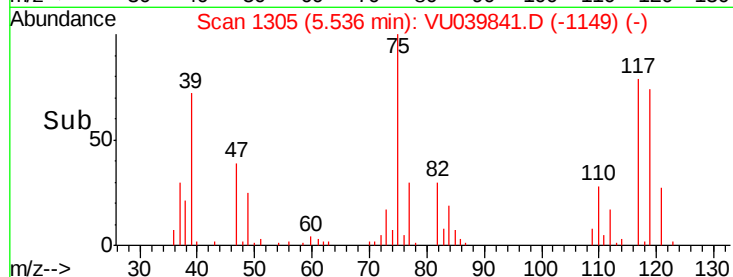
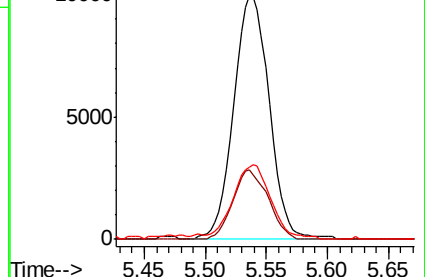
77 32.4 25.0 37.4



Abundance Ion 75.00 (74.70 to 75.70): VU039699.D (-1290) (-)

Ion 110.00 (109.70 to 110.70): VU039699.D (-1290) (-)

Ion 77.00 (76.70 to 77.70): VU039699.D (-1290) (-)



#30

Carbon Tetrachloride

Concen: 1.836 ug/l

RT: 5.53 min Scan# 1304

Delta R.T. -0.00 min

Lab File: VU039841.D

Acq: 12 Aug 2020 13:01

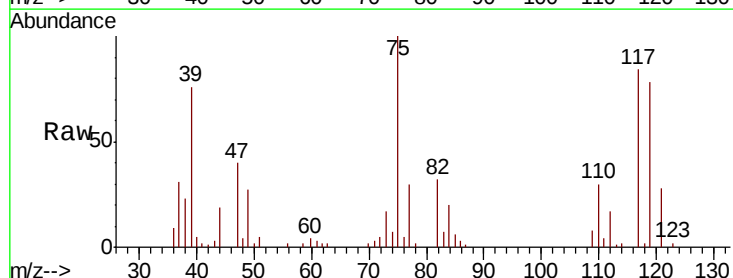
Tgt Ion: 117 Resp: 17221

Ion Ratio Lower Upper

117 100

119 93.8 75.2 112.8

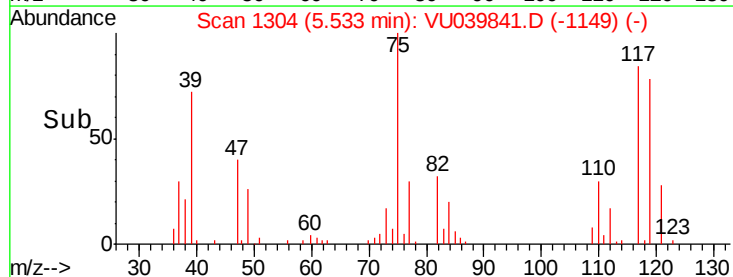
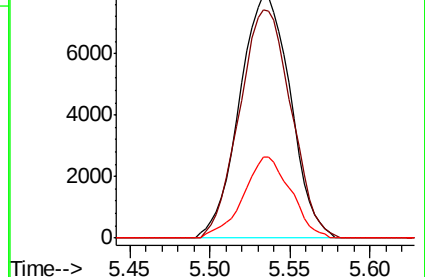
121 33.2 25.4 38.2

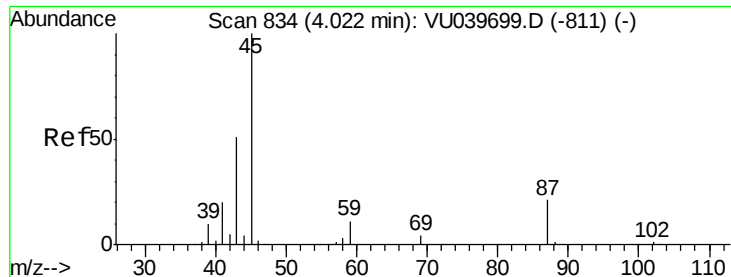


Abundance Ion 117.00 (116.70 to 117.70): VU039699.D (-1288) (-)

Ion 119.00 (118.70 to 119.70): VU039699.D (-1288) (-)

Ion 121.00 (120.70 to 121.70): VU039699.D (-1288) (-)





#31

Isopropyl Ether

Concen: 1.881 ug/l

RT: 4.03 min Scan# 835

Delta R.T. 0.00 min

Lab File: VU039841.D

Acq: 12 Aug 2020 13:01

Instrument :

MSVOA_U

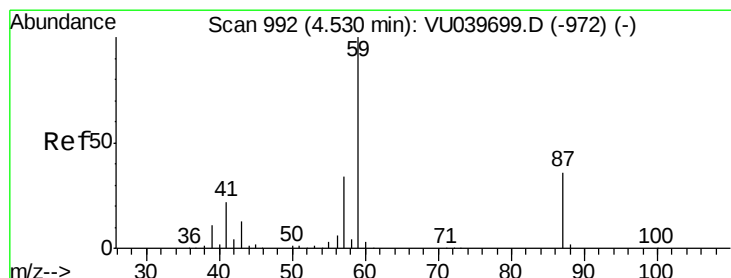
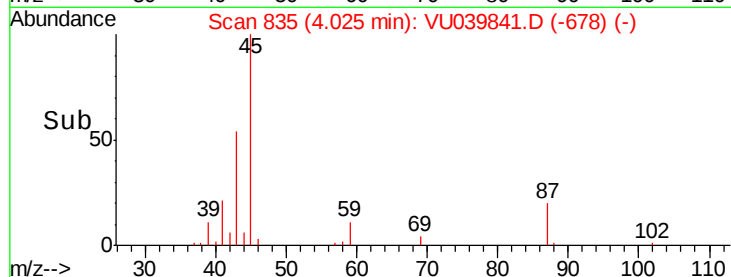
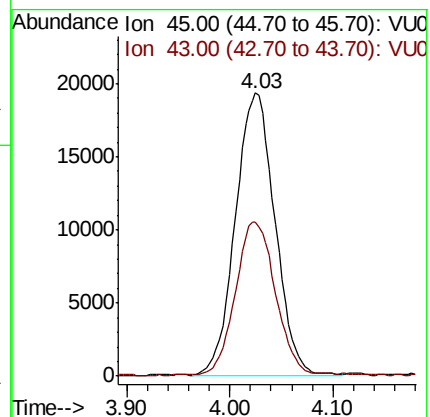
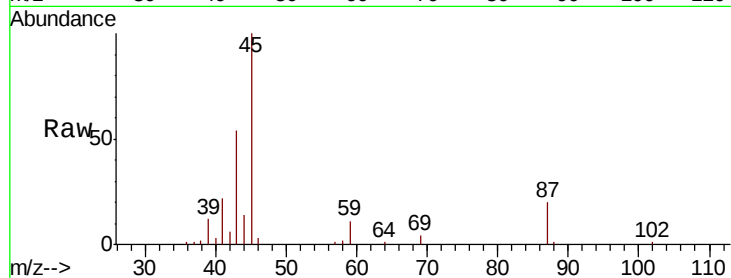
ClientSampleId :

Tot Ion: 45 Resp: 51946

Ion Ratio Lower Upper

45 100

43 53.6 26.5 79.4



#32

Ethyl-t-butyl ether

Concen: 1.833 ug/l

RT: 4.54 min Scan# 994

Delta R.T. 0.01 min

Lab File: VU039841.D

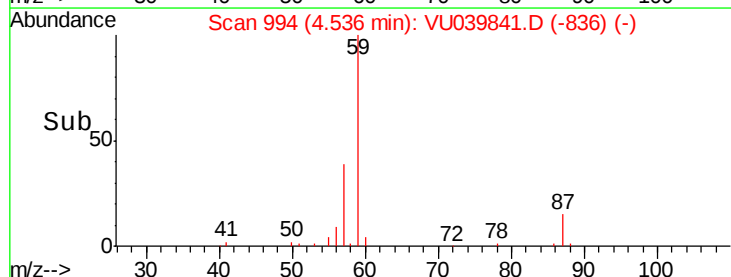
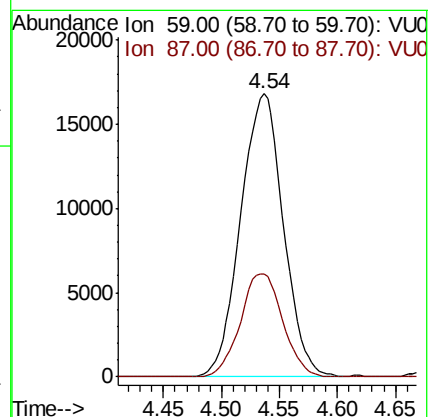
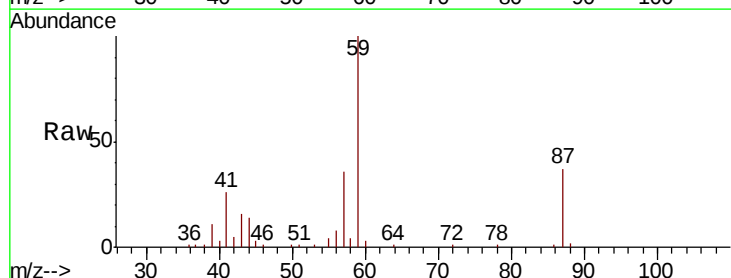
Acq: 12 Aug 2020 13:01

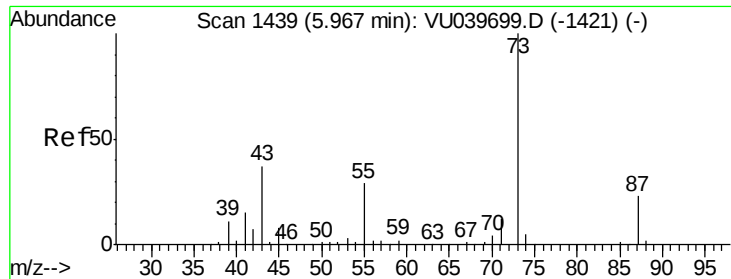
Tgt Ion: 59 Resp: 43089

Ion Ratio Lower Upper

59 100

87 36.0 29.4 44.0

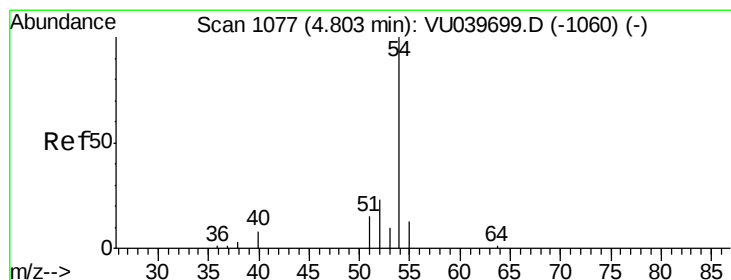
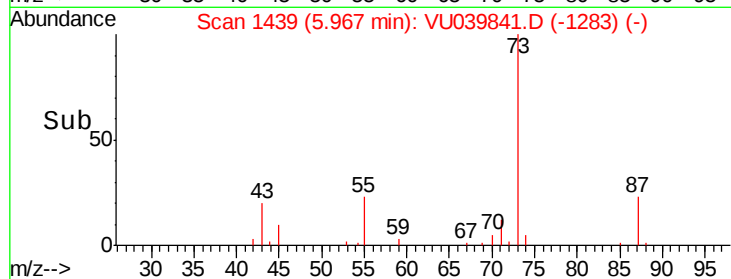
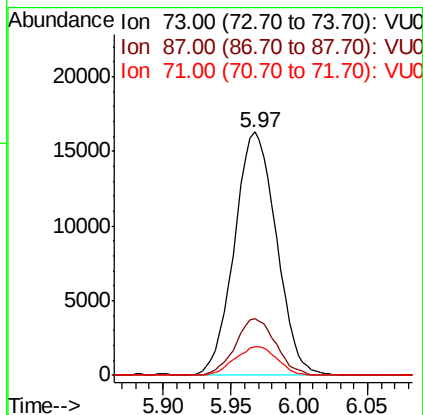
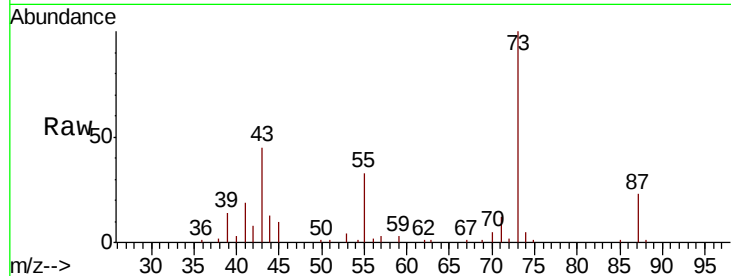




#33
Tert-Butyl methyl ether
Concen: 2.059 ug/l
RT: 5.97 min Scan# 1439
Delta R.T. 0.00 min
Lab File: VU039841.D
Acq: 12 Aug 2020 13:01

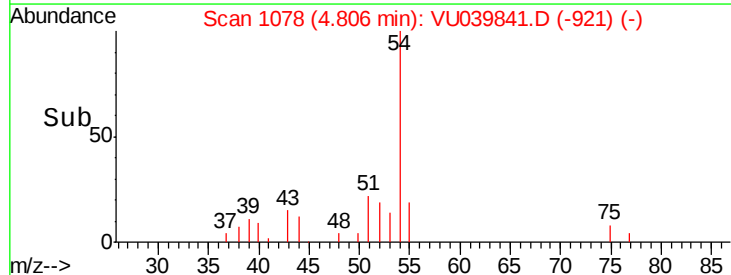
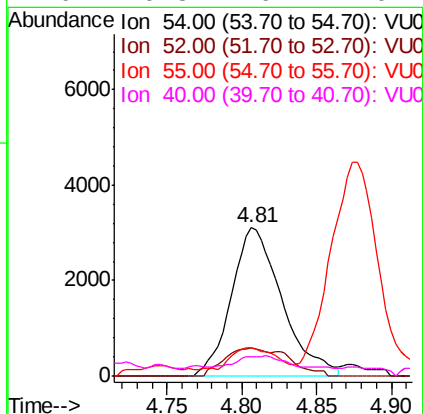
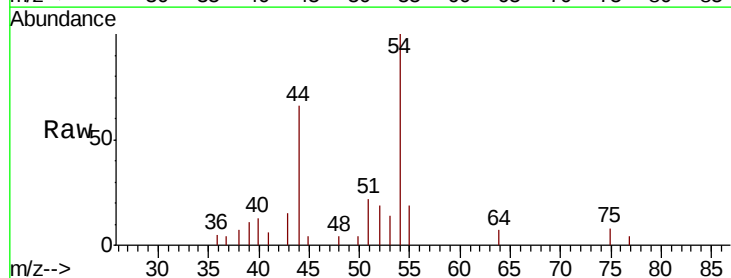
Instrument :
MSVOA_U
ClientSampleId :

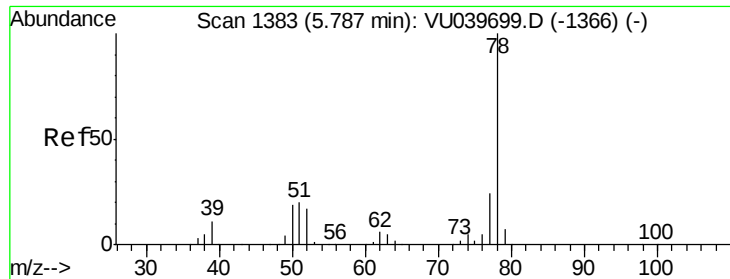
Tot Ion: 73 Resp: 34890
Ion Ratio Lower Upper
73 100
87 22.4 18.7 28.1
71 11.7 9.1 13.7



#34
Propionitrile
Concen: 8.799 ug/l
RT: 4.81 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VU039841.D
Acq: 12 Aug 2020 13:01

Tgt Ion: 54 Resp: 7313
Ion Ratio Lower Upper
54 100
52 16.1 16.9 25.3#
55 12.0 12.9 19.3#
40 6.8 6.2 9.2





#35

Benzene

Concen: 2.024 ug/l

RT: 5.79 min Scan# 1383

Delta R.T. 0.00 min

Lab File: VU039841.D

Acq: 12 Aug 2020 13:01

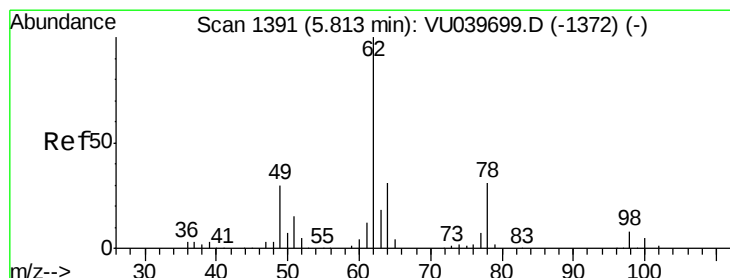
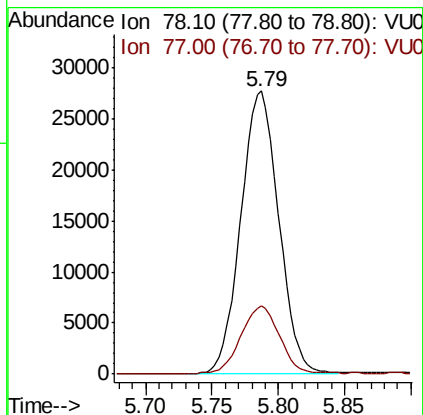
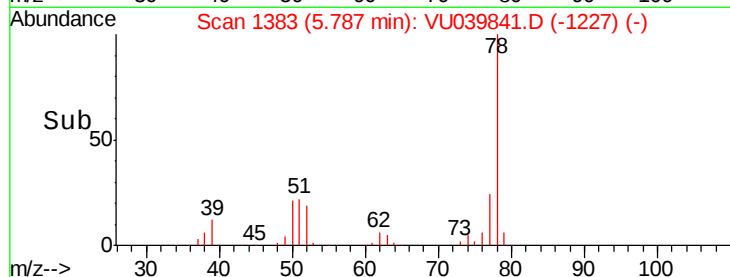
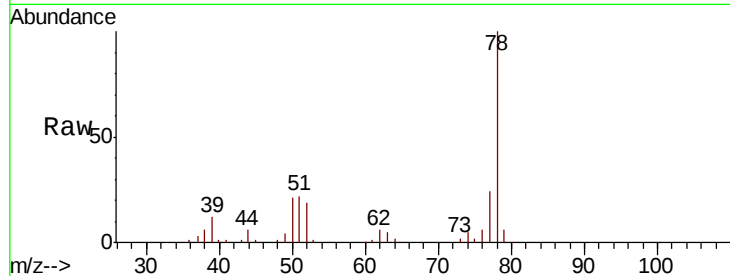
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 78 Resp: 55298

Ion Ratio Lower Upper

78 100

77 24.1 19.2 28.8



#36

1,2-Dichloroethane

Concen: 2.056 ug/l

RT: 5.81 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VU039841.D

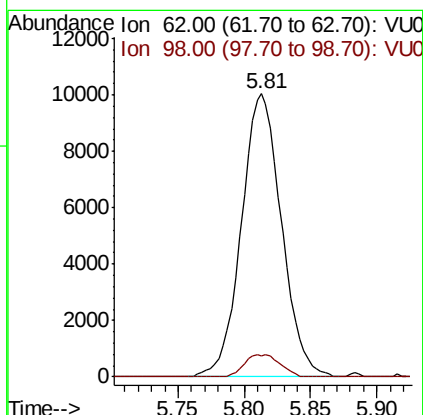
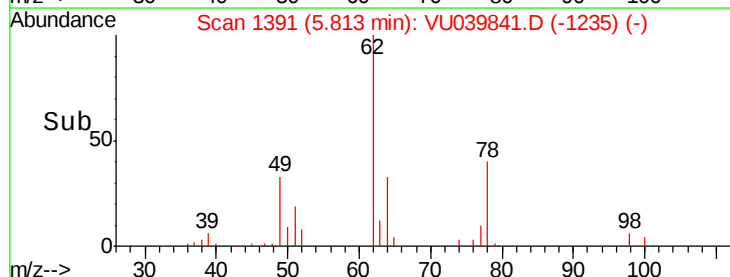
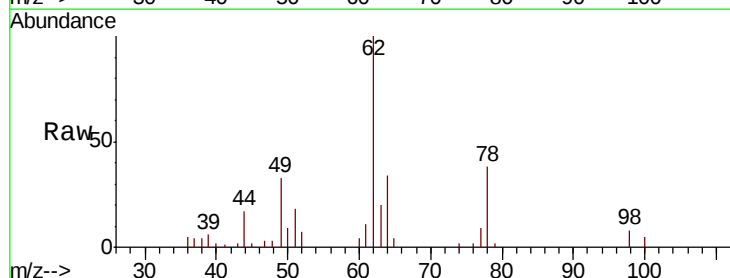
Acq: 12 Aug 2020 13:01

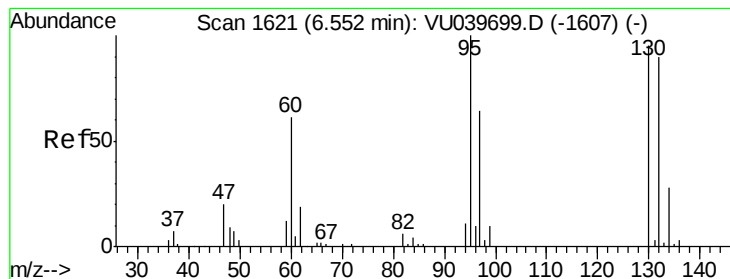
Tgt Ion: 62 Resp: 21057

Ion Ratio Lower Upper

62 100

98 6.9 6.2 9.2





#37

Trichloroethene

Concen: 1.704 ug/l

RT: 6.55 min Scan# 1621

Delta R.T. 0.00 min

Lab File: VU039841.D

Acq: 12 Aug 2020 13:01

Instrument :

MSVOA_U

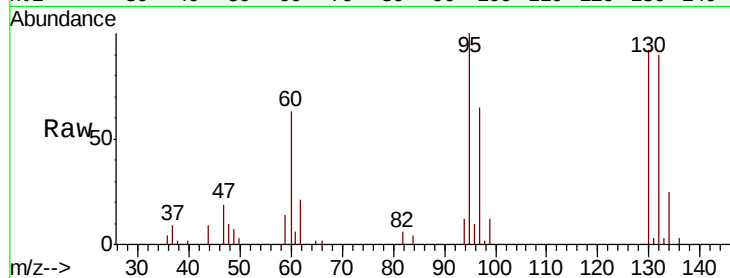
ClientSampleId :

Tot Ion:130 Resp: 10652

Ion Ratio Lower Upper

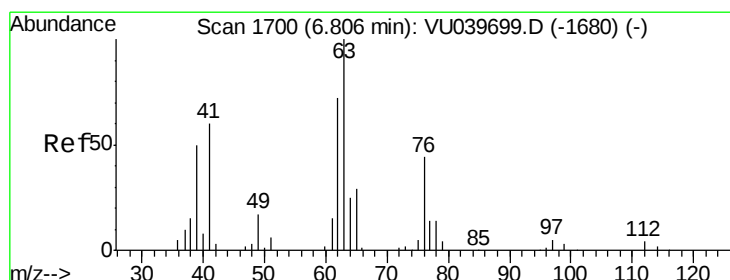
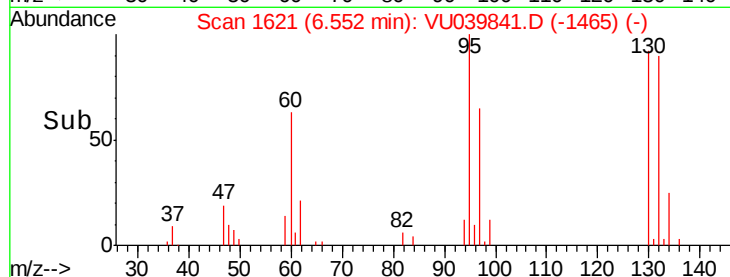
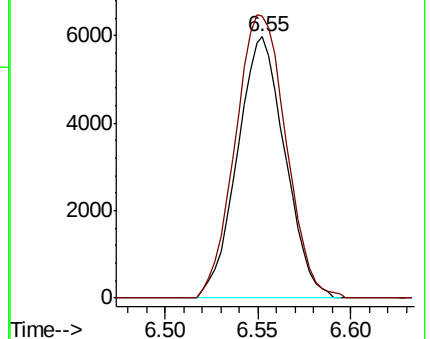
130 100

95 108.2 84.3 126.5



Abundance Ion 129.90 (129.60 to 130.60): VU039699.D (-1607) (-)

Ion 94.90 (94.60 to 95.60): VU039699.D (-1607) (-)



#38

1,2-Dichloropropane

Concen: 1.940 ug/l

RT: 6.81 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VU039841.D

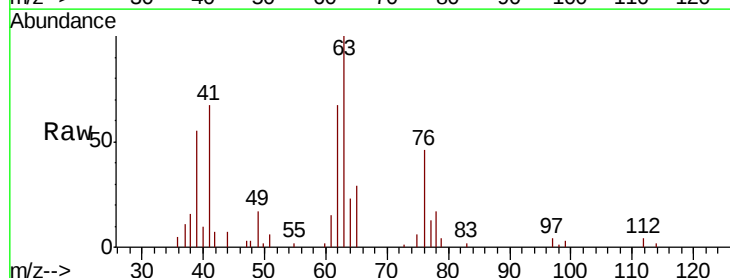
Acq: 12 Aug 2020 13:01

Tgt Ion: 63 Resp: 14604

Ion Ratio Lower Upper

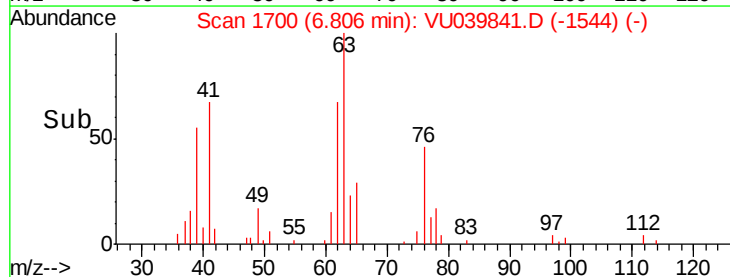
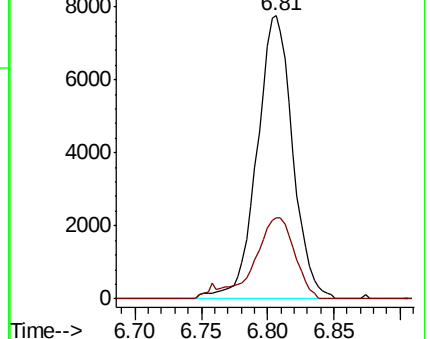
63 100

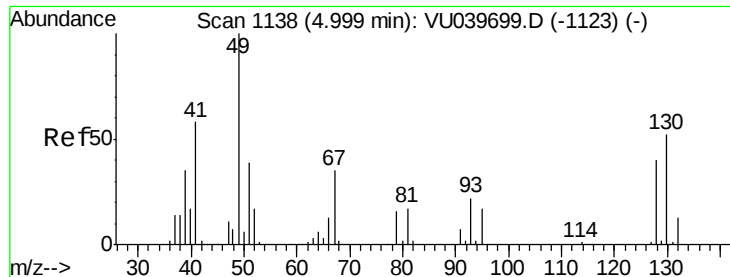
65 28.8 23.8 35.6



Abundance Ion 63.00 (62.70 to 63.70): VU039699.D (-1680) (-)

Ion 65.00 (64.70 to 65.70): VU039699.D (-1680) (-)

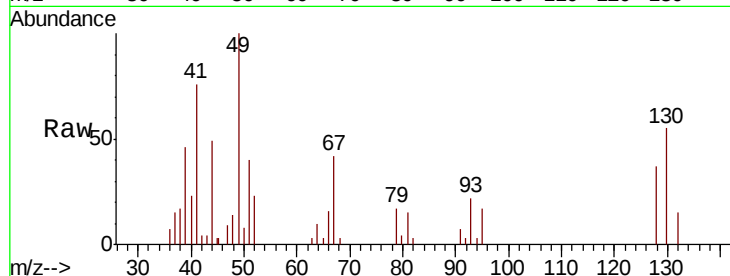




#39
Methacrylonitrile
Concen: 1.606 ug/l
RT: 5.01 min Scan# 1140
Delta R.T. 0.01 min
Lab File: VU039841.D
Acq: 12 Aug 2020 13:01

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:	41	Resp:	7036
Ion	Ratio	Lower	Upper
41	100		
67	56.8	48.3	72.5
39	63.2	47.6	71.4
52	29.3	23.9	35.9



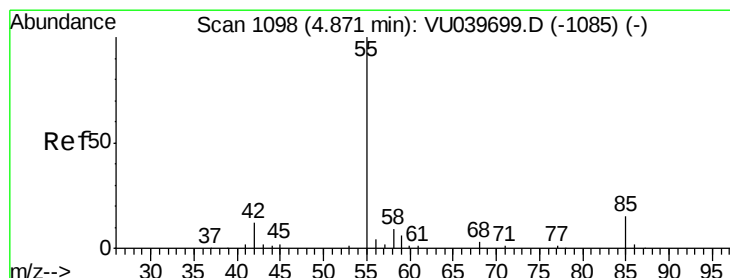
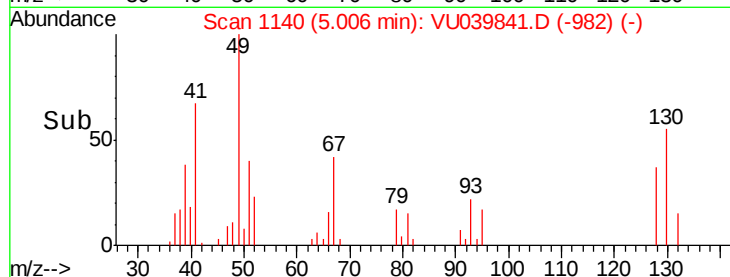
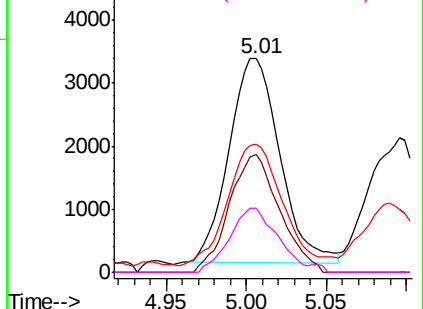
Abundance

Ion 41.00 (40.70 to 41.70): VU0

Ion 67.00 (66.70 to 67.70): VU0

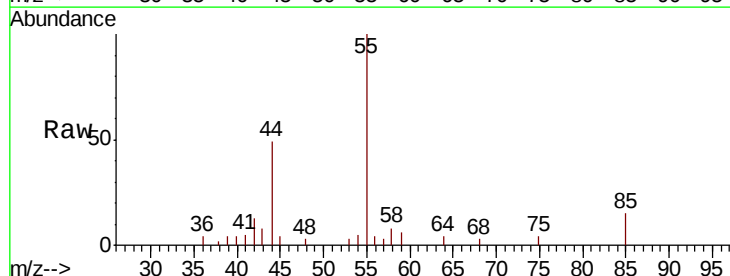
Ion 39.00 (38.70 to 39.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



#40
Methyl acrylate
Concen: 1.674 ug/l
RT: 4.88 min Scan# 1100
Delta R.T. 0.01 min
Lab File: VU039841.D
Acq: 12 Aug 2020 13:01

Tgt Ion:	55	Resp:	9457
Ion	Ratio	Lower	Upper
55	100		
85	13.4	11.4	17.0
58	6.0	7.4	11.0#
42	15.5	10.3	15.5



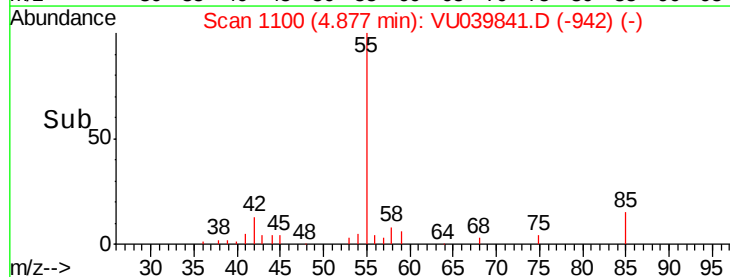
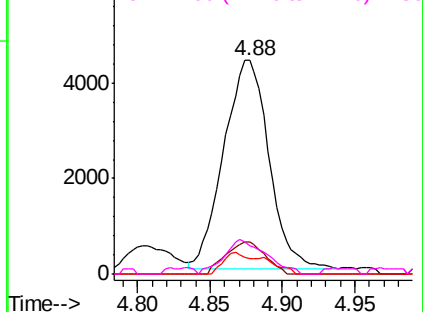
Abundance

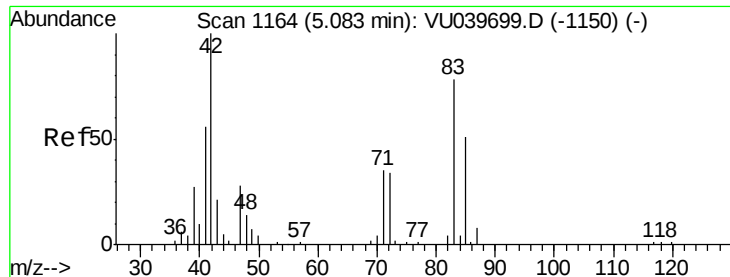
Ion 55.00 (54.70 to 55.70): VU0

Ion 85.00 (84.70 to 85.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 42.00 (41.70 to 42.70): VU0





#41

Tetrahydrofuran

Concen: 3.187 ug/l

RT: 5.09 min Scan# 1167

Delta R.T. 0.01 min

Lab File: VU039841.D

Acq: 12 Aug 2020 13:01

Instrument :

MSVOA_U

ClientSampleId :

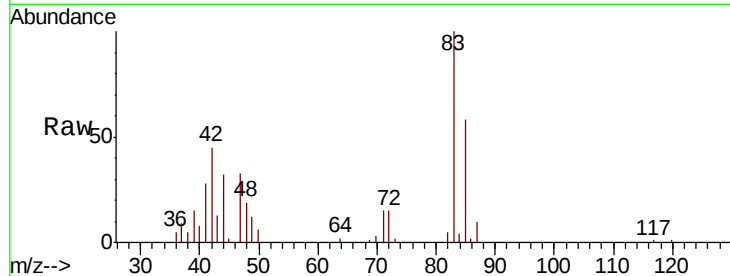
Tot Ion: 42 Resp: 7022

Ion Ratio Lower Upper

42 100

72 36.2 31.0 46.6

71 36.3 28.2 42.4

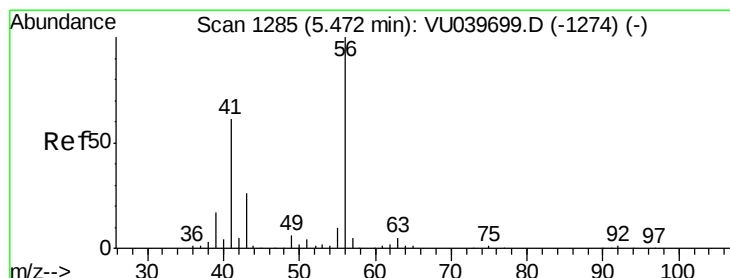
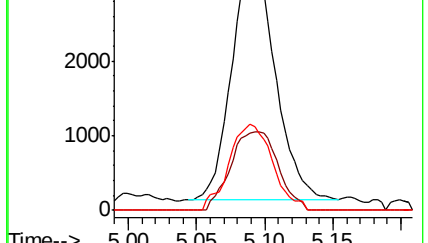
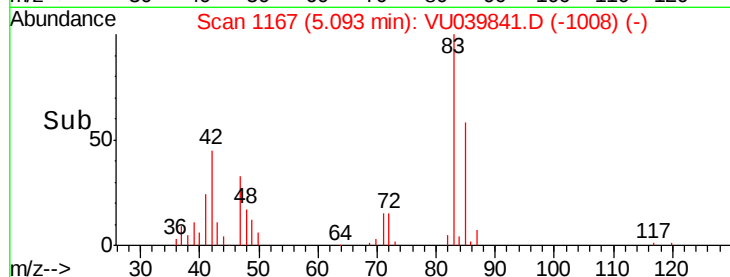


Abundance Ion 42.00 (41.70 to 42.70): VU039699.D (-1150) (-)

Ion 72.00 (71.70 to 72.70): VU039699.D (-1150) (-)

Ion 71.00 (70.70 to 71.70): VU039699.D (-1150) (-)

Time-->



#42

1-Chlorobutane

Concen: 1.803 ug/l

RT: 5.47 min Scan# 1285

Delta R.T. 0.00 min

Lab File: VU039841.D

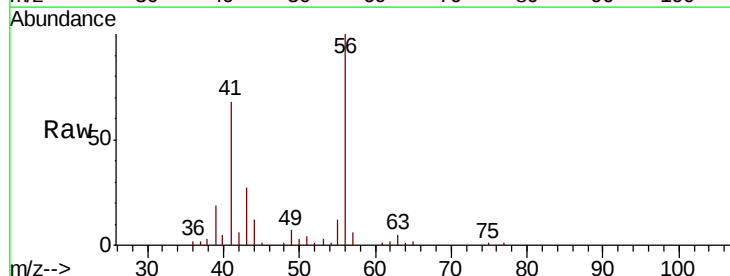
Acq: 12 Aug 2020 13:01

Tgt Ion: 56 Resp: 31248

Ion Ratio Lower Upper

56 100

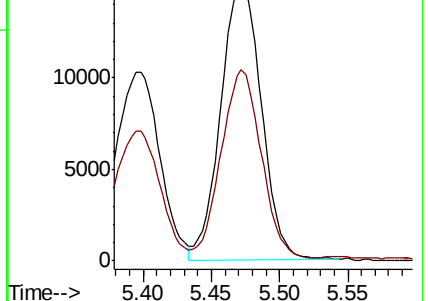
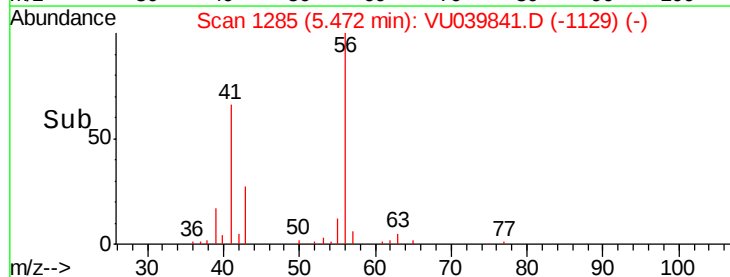
41 67.0 30.5 91.5

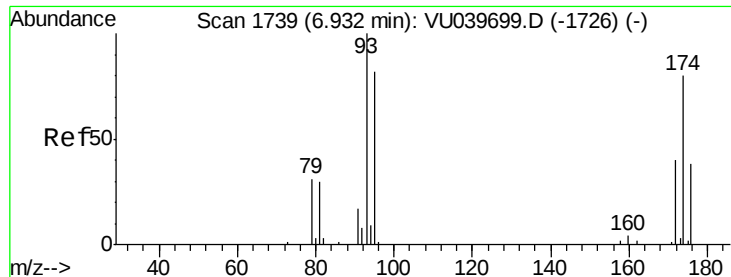


Abundance Ion 56.00 (55.70 to 56.70): VU039699.D (-1274) (-)

Ion 41.00 (40.70 to 41.70): VU039699.D (-1274) (-)

Time-->

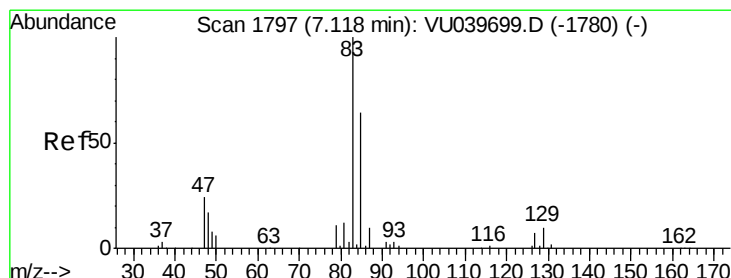
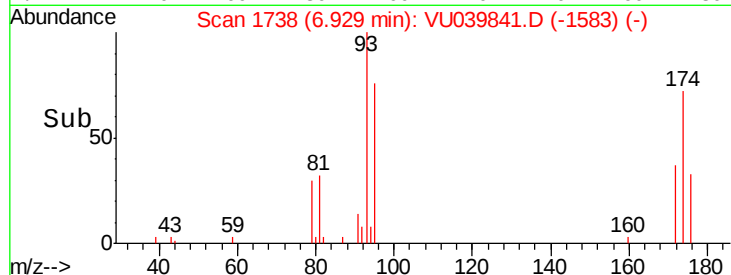
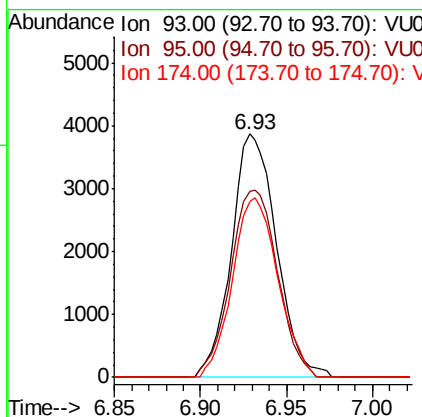
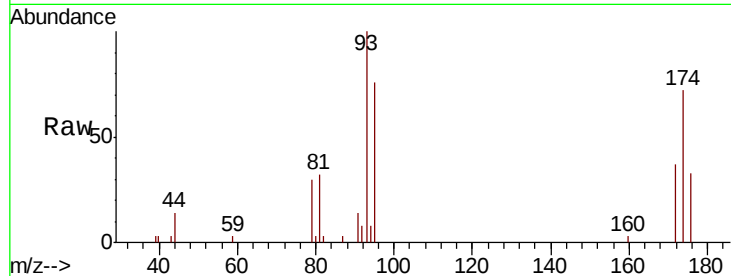




#43
 Dibromomethane
 Concen: 1.740 ug/l
 RT: 6.93 min Scan# 1738
 Delta R.T. -0.00 min
 Lab File: VU039841.D
 Acq: 12 Aug 2020 13:01

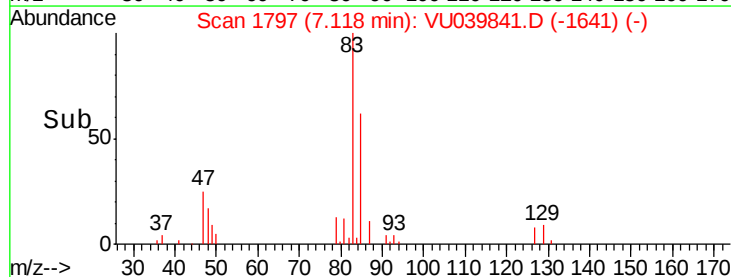
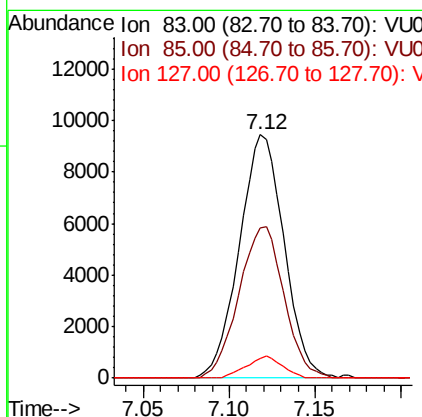
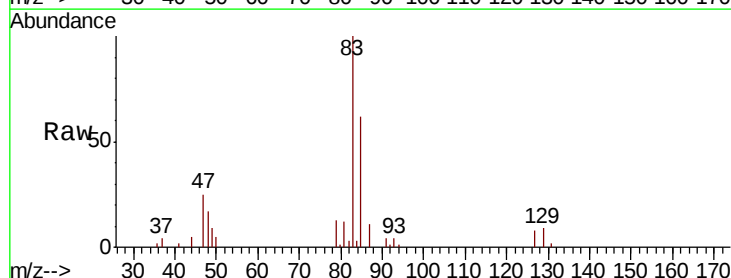
Instrument :
 MSVOA_U
 ClientSampleId :

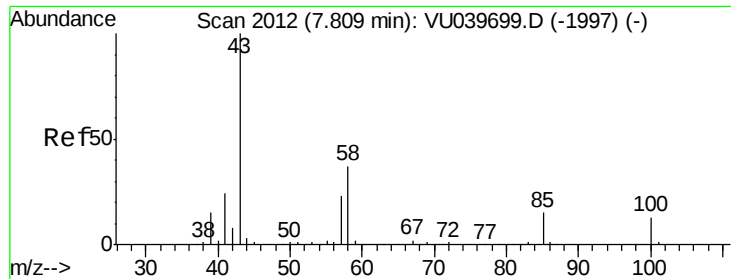
Tot Ion: 93 Resp: 7050
 Ion Ratio Lower Upper
 93 100
 95 80.5 66.6 99.8
 174 74.5 62.7 94.1



#44
 Bromodichloromethane
 Concen: 1.834 ug/l
 RT: 7.12 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: VU039841.D
 Acq: 12 Aug 2020 13:01

Tgt Ion: 83 Resp: 17038
 Ion Ratio Lower Upper
 83 100
 85 61.5 50.8 76.2
 127 8.3 5.8 8.6

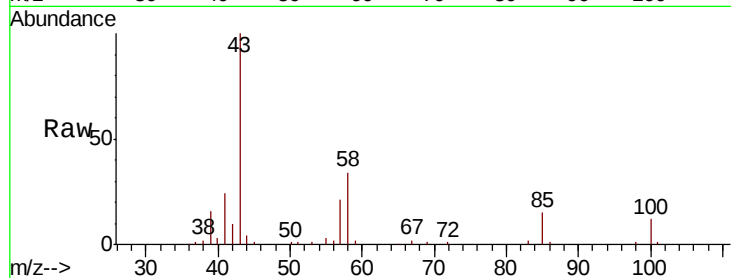




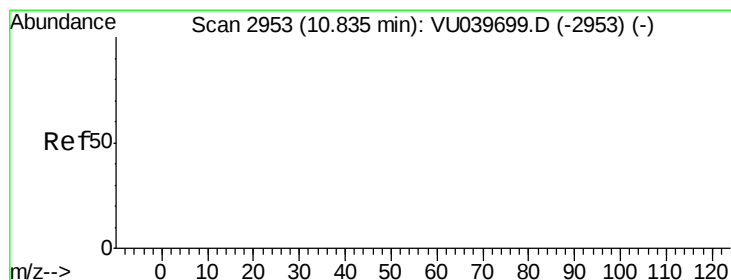
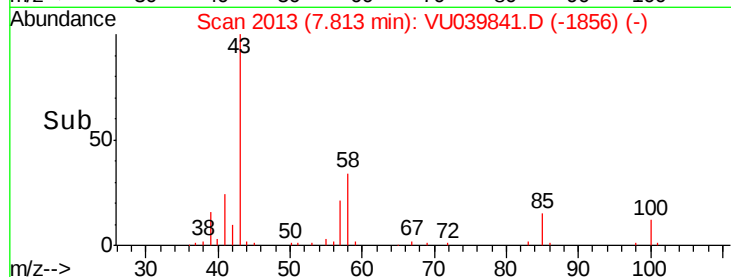
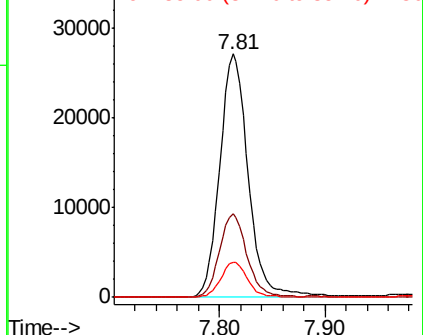
#45
4-Methyl-2-Pentanone
Concen: 8.269 ug/l
RT: 7.81 min Scan# 2013
Delta R.T. 0.00 min
Lab File: VU039841.D
Acq: 12 Aug 2020 13:01

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion	43	Resp	50749
Ion Ratio	Lower	Upper	
43	100		
58	33.1	18.4	55.0
85	13.6	11.8	17.6



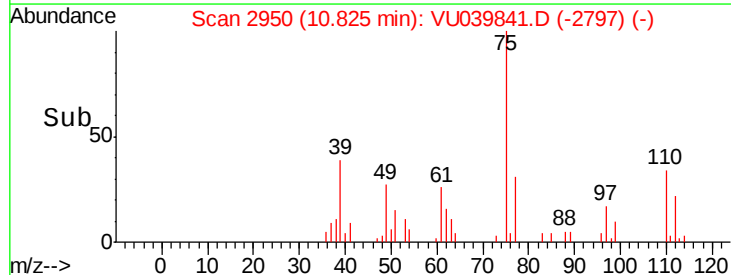
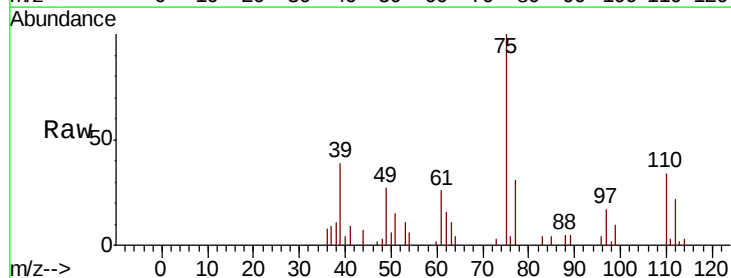
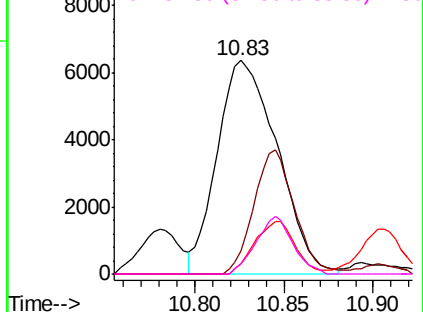
Abundance Ion 43.00 (42.70 to 43.70): VU039699.D (-1997) (-)

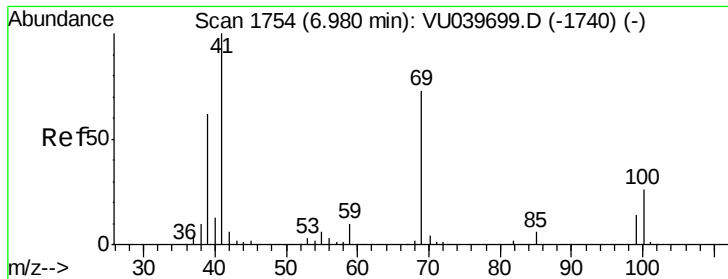


#46
t-1,4-Dichloro-2-butene
Concen: 8.182 ug/l
RT: 10.83 min Scan# 2950
Delta R.T. -0.01 min
Lab File: VU039841.D
Acq: 12 Aug 2020 13:01

Tgt Ion	75	Resp	14936
Ion Ratio	Lower	Upper	
75	100		
53	39.4	78.6	118.0#
89	16.8	40.3	60.5#
88	16.6	34.0	51.0#

Abundance Ion 74.90 (74.60 to 75.60): VU039699.D (-2953) (-)

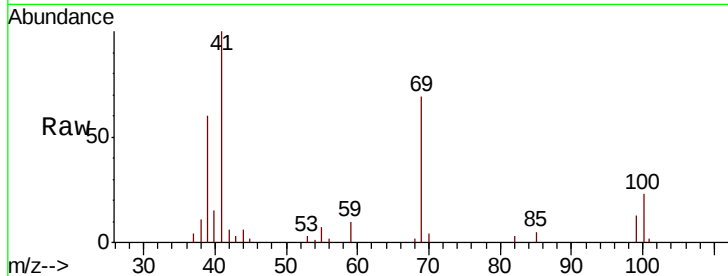




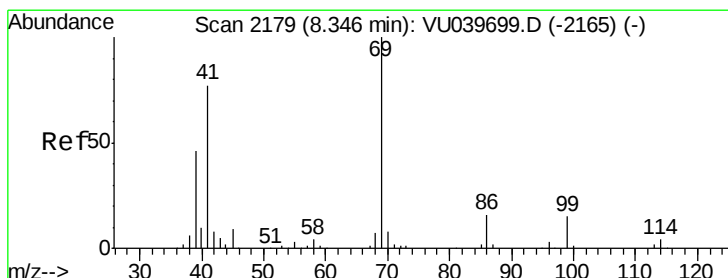
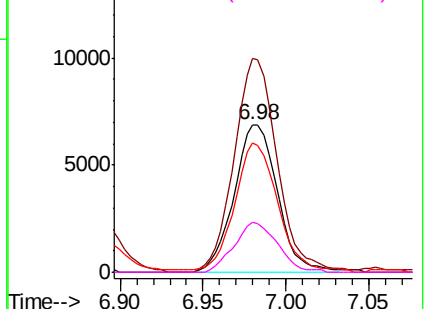
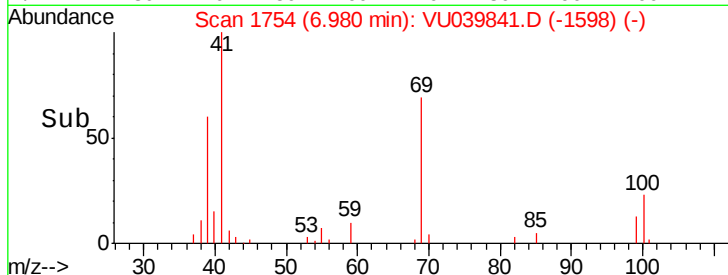
#47
Methvl methacrylate
Concen: 3.316 ug/l
RT: 6.98 min Scan# 1754
Delta R.T. 0.00 min
Lab File: VU039841.D
Acq: 12 Aug 2020 13:01

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 69 Resp: 12532
Ion Ratio Lower Upper
69 100
41 144.3 0.0 271.6
39 88.1 67.4 101.2
100 33.6 28.3 42.5

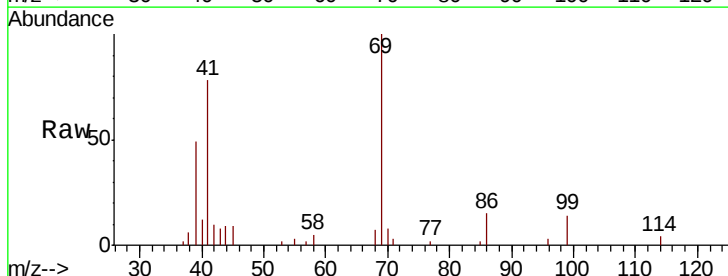


Abundance Ion 69.00 (68.70 to 69.70): VU0
Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 100.00 (99.70 to 100.70): VU0

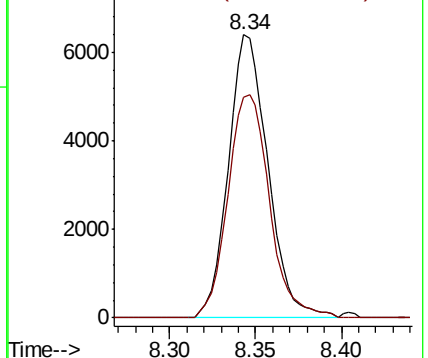
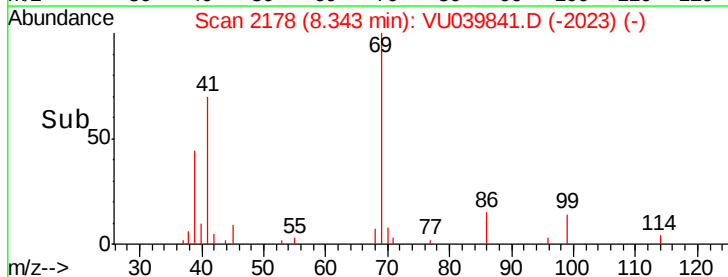


#48
Ethyl methacrylate
Concen: 1.477 ug/l
RT: 8.34 min Scan# 2178
Delta R.T. -0.00 min
Lab File: VU039841.D
Acq: 12 Aug 2020 13:01

Tgt Ion: 69 Resp: 10273
Ion Ratio Lower Upper
69 100
41 83.1 39.1 117.5



Abundance Ion 69.00 (68.70 to 69.70): VU0
Ion 41.00 (40.70 to 41.70): VU0





#49

Toluene

Concen: 1.605 ug/l

RT: 7.98 min Scan# 2064

Delta R.T. 0.00 min

Lab File: VU039841.D

Acq: 12 Aug 2020 13:01

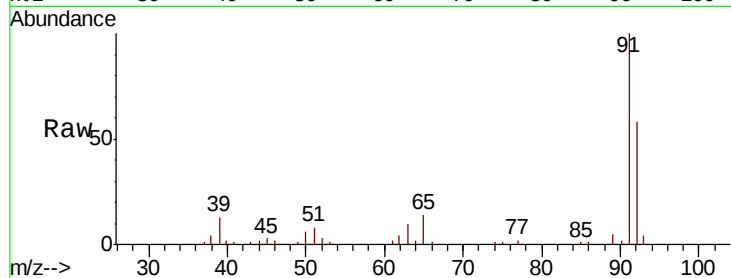
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 92 Resp: 26101

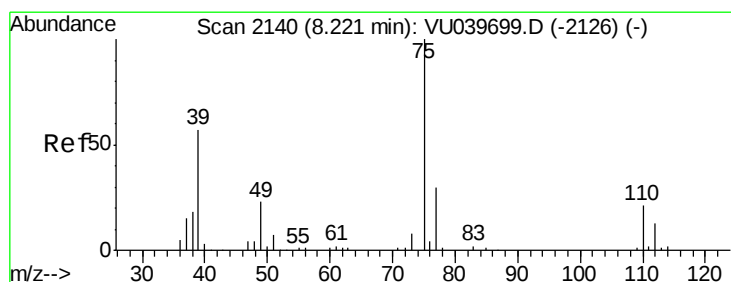
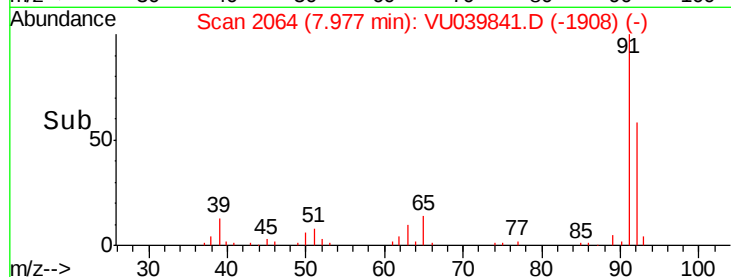
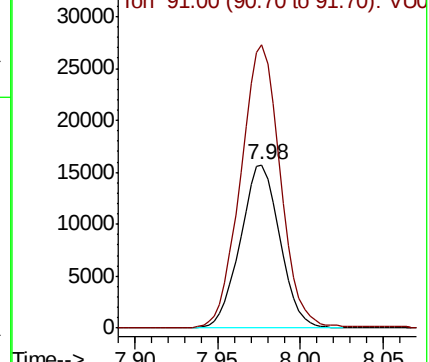
Ion Ratio Lower Upper

92 100

91 174.2 136.1 204.1



Abundance Ion 92.00 (91.70 to 92.70): VU039699.D (-2049) (-)



#50

t-1,3-Dichloropropene

Concen: 1.677 ug/l

RT: 8.22 min Scan# 2140

Delta R.T. 0.00 min

Lab File: VU039841.D

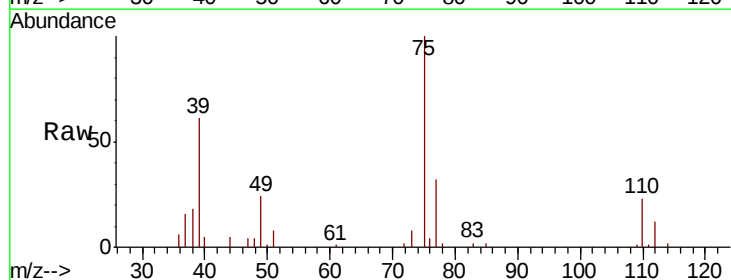
Acq: 12 Aug 2020 13:01

Tgt Ion: 75 Resp: 14029

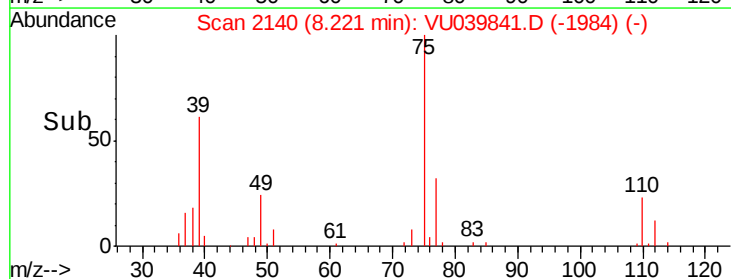
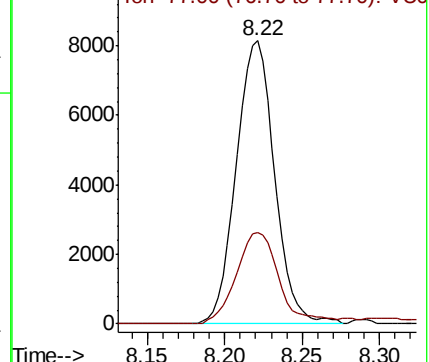
Ion Ratio Lower Upper

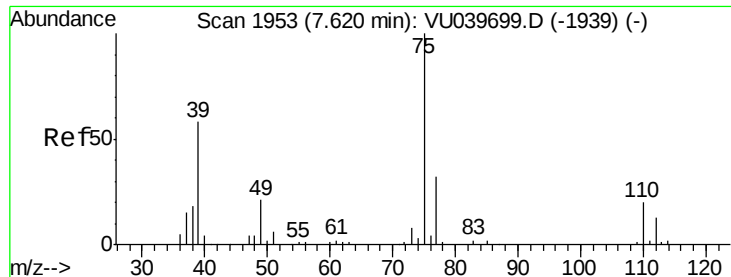
75 100

77 32.3 24.3 36.5



Abundance Ion 75.00 (74.70 to 75.70): VU039699.D (-2126) (-)



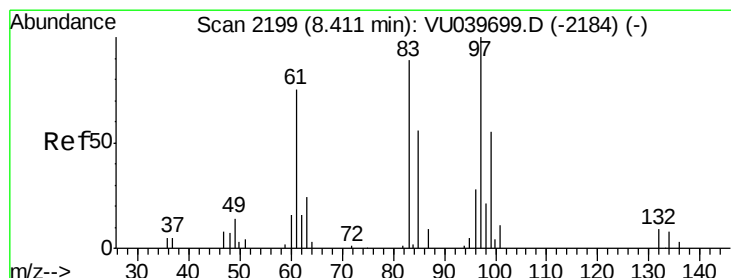
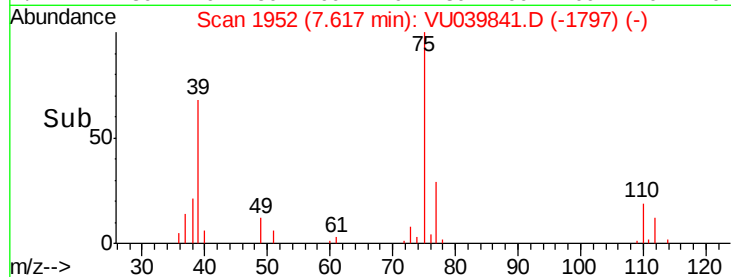
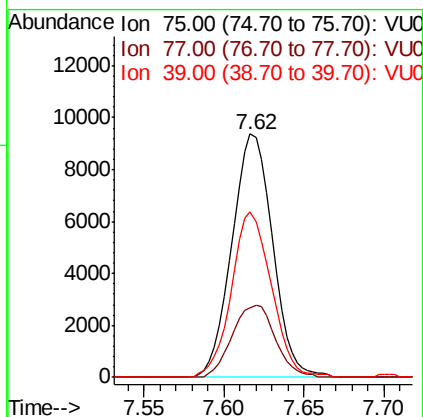
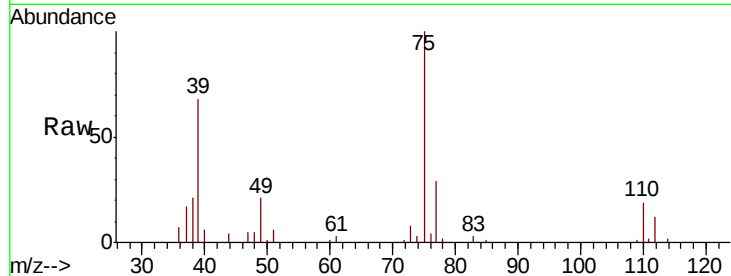


#51

cis-1,3-Dichloropropene
 Concen: 1.656 ug/l
 RT: 7.62 min Scan# 1952
 Delta R.T. -0.00 min
 Lab File: VU039841.D
 Acq: 12 Aug 2020 13:01

Instrument :
 MSVOA_U
 ClientSampleId :

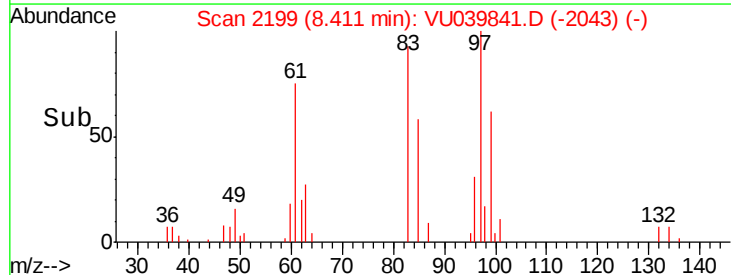
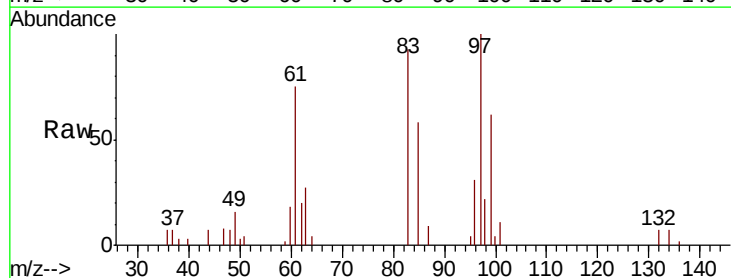
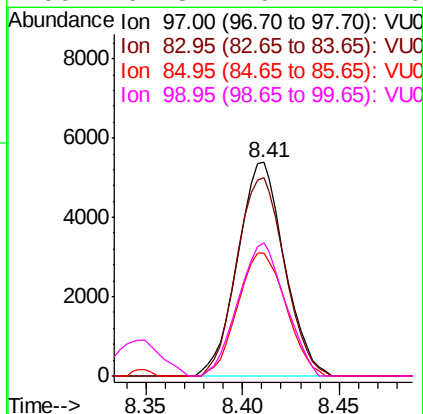
Tot Ion	75	Resp	16287
Ion	Ratio	Lower	Upper
75	100		
77	28.7	25.7	38.5
39	67.8	46.1	69.1

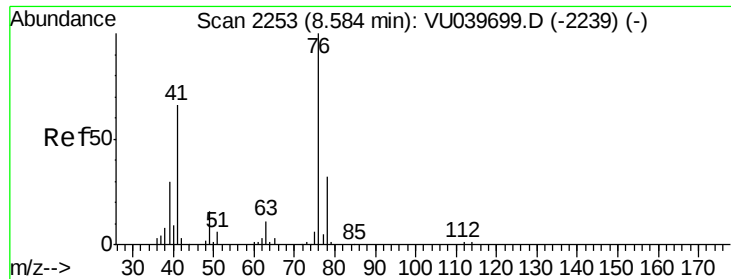


#52

1,1,2-Trichloroethane
 Concen: 1.722 ug/l
 RT: 8.41 min Scan# 2199
 Delta R.T. 0.00 min
 Lab File: VU039841.D
 Acq: 12 Aug 2020 13:01

Tgt Ion	97	Resp	9063
Ion	Ratio	Lower	Upper
97	100		
83	92.8	71.3	106.9
85	57.6	45.4	68.2
99	62.3	49.4	74.0

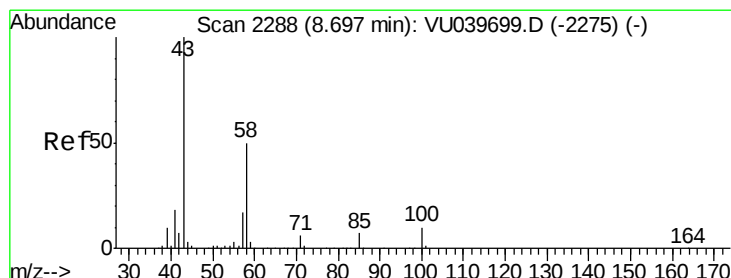
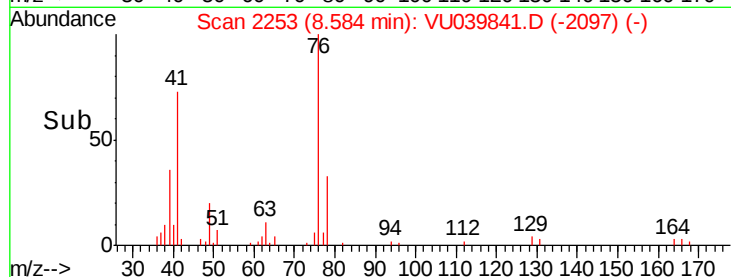
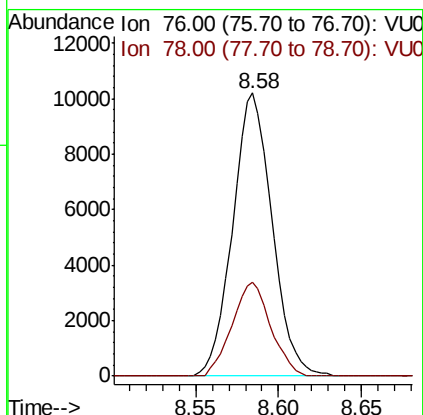
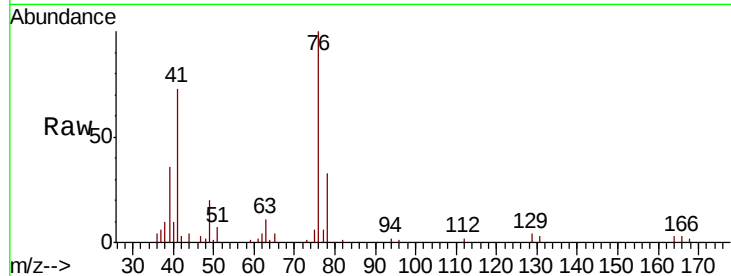




#53
 1,3-Dichloropropane
 Concen: 1.668 ug/l
 RT: 8.58 min Scan# 2253
 Delta R.T. 0.00 min
 Lab File: VU039841.D
 Acq: 12 Aug 2020 13:01

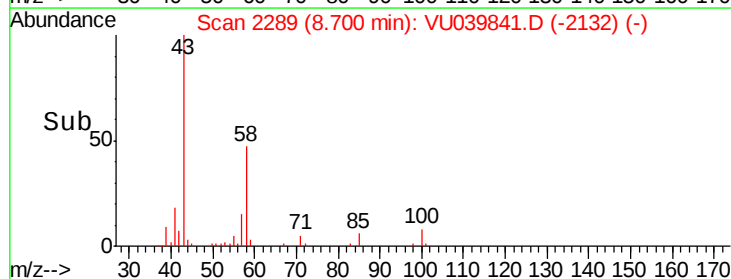
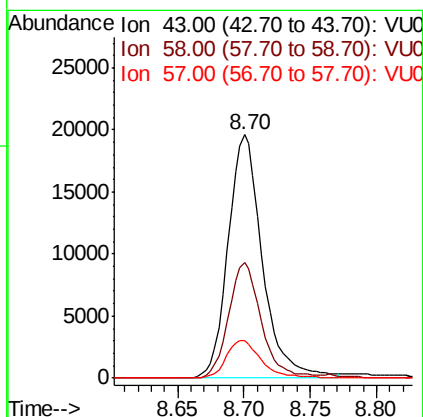
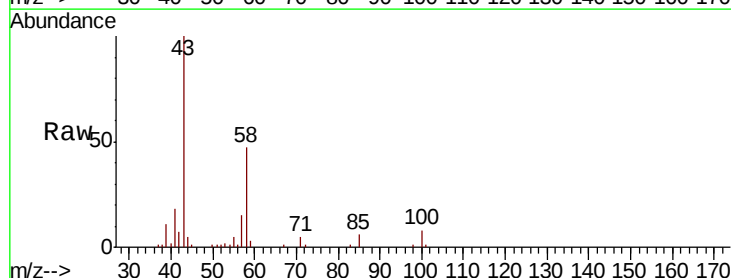
Instrument :
 MSVOA_U
 ClientSampleId :

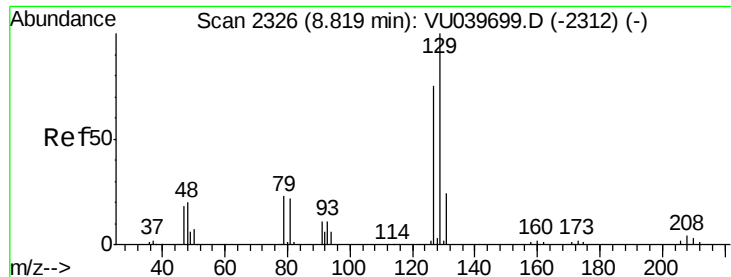
Tot Ion: 76 Resp: 16859
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.4 38.2



#54
 2-Hexanone
 Concen: 8.026 ug/l
 RT: 8.70 min Scan# 2289
 Delta R.T. 0.00 min
 Lab File: VU039841.D
 Acq: 12 Aug 2020 13:01

Tgt Ion: 43 Resp: 35269
 Ion Ratio Lower Upper
 43 100
 58 45.2 29.9 69.9
 57 15.7 0.0 37.2

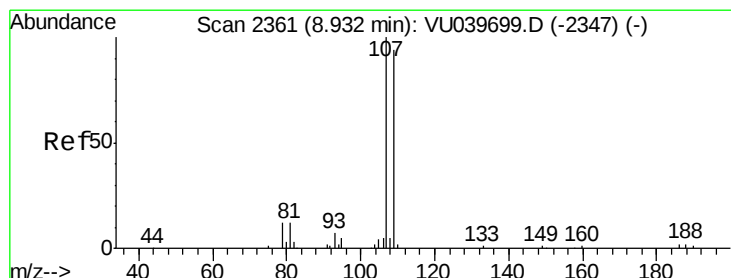
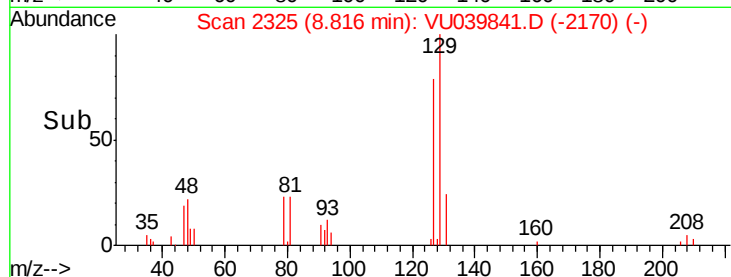
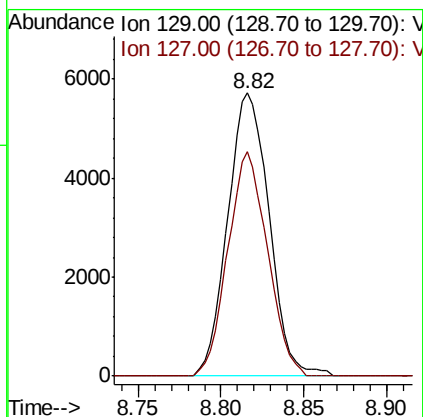
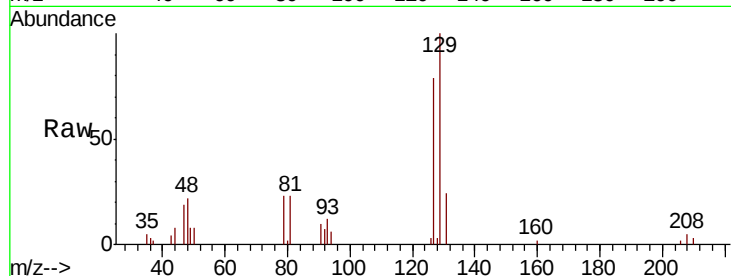




#55
 Dibromochloromethane
 Concen: 1.756 ug/l
 RT: 8.82 min Scan# 2325
 Delta R.T. -0.00 min
 Lab File: VU039841.D
 Acq: 12 Aug 2020 13:01

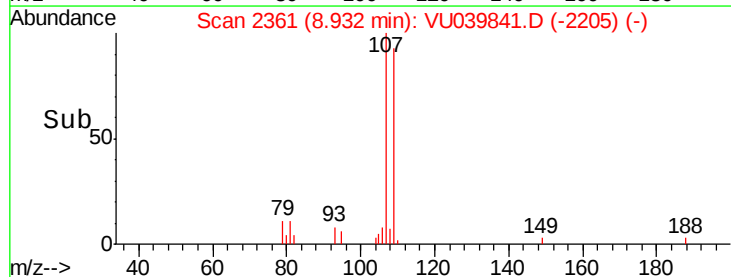
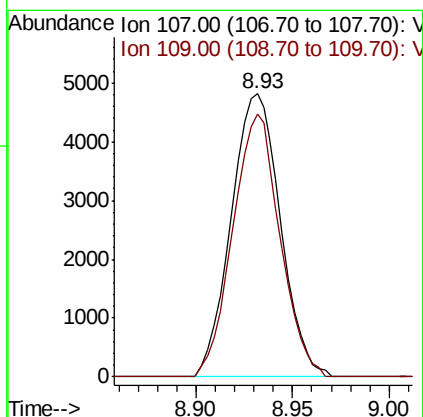
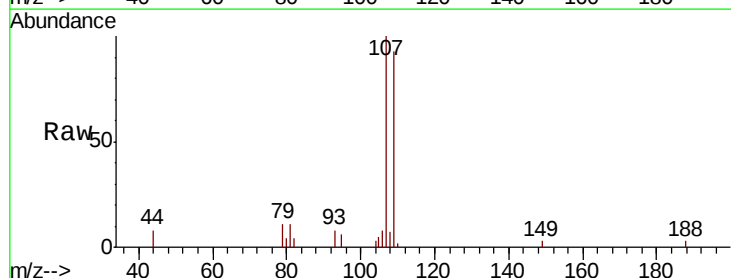
Instrument :
 MSVOA_U
 ClientSampleId :

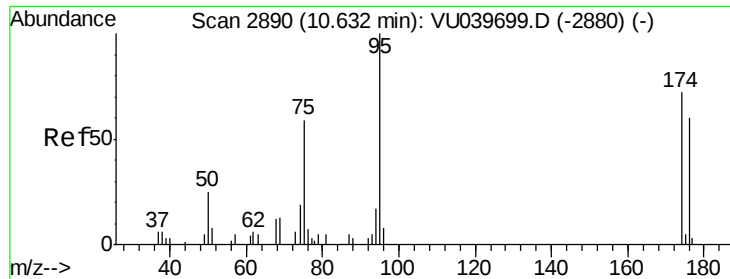
Tot Ion:129 Resp: 9925
 Ion Ratio Lower Upper
 129 100
 127 75.9 62.4 93.6



#56
 1,2-Dibromoethane
 Concen: 1.678 ug/l
 RT: 8.93 min Scan# 2361
 Delta R.T. 0.00 min
 Lab File: VU039841.D
 Acq: 12 Aug 2020 13:01

Tgt Ion:107 Resp: 8513
 Ion Ratio Lower Upper
 107 100
 109 88.9 0.0 185.2

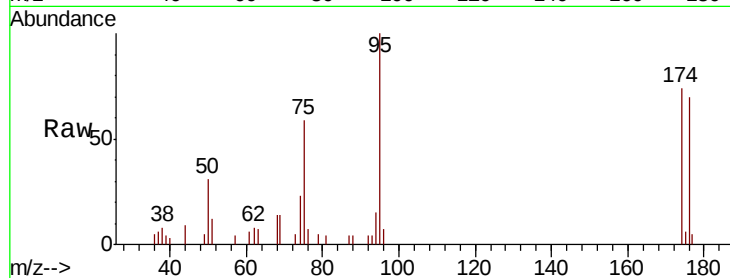




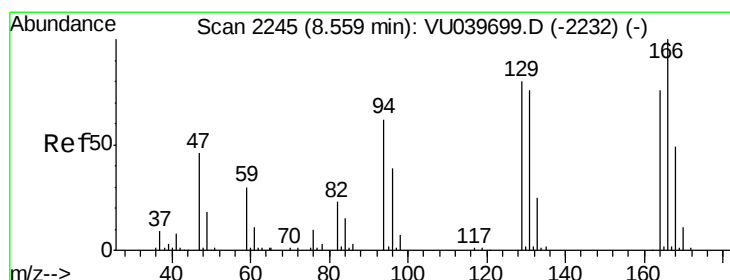
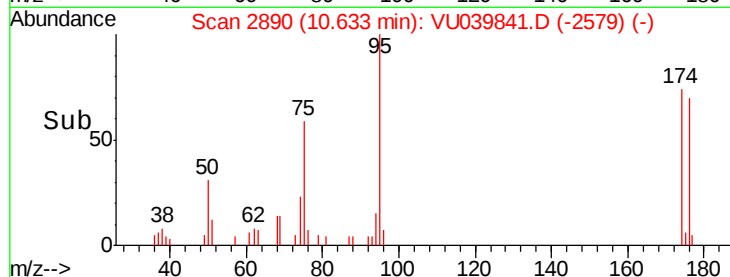
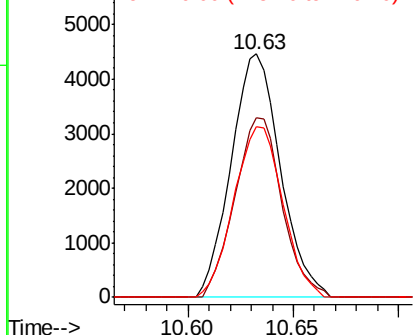
#57
4-Bromofluorobenzene
Concen: 0.848 ug/l
RT: 10.63 min Scan# 2890
Delta R.T. 0.00 min
Lab File: VU039841.D
Acq: 12 Aug 2020 13:01

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 95 Resp: 7238
Ion Ratio Lower Upper
95 100
174 70.9 57.0 85.4
176 69.5 50.2 75.2

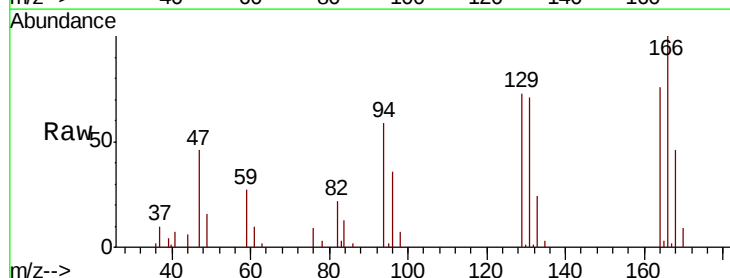


Abundance Ion 95.00 (94.70 to 95.70): VU039841.D (-2579) (-)
Ion 174.00 (173.70 to 174.70): VU039841.D (-2579) (-)
Ion 176.00 (175.70 to 176.70): VU039841.D (-2579) (-)

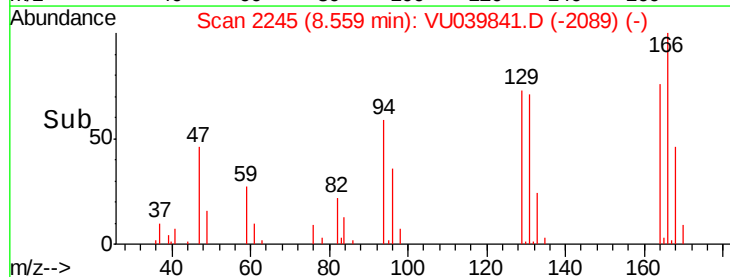
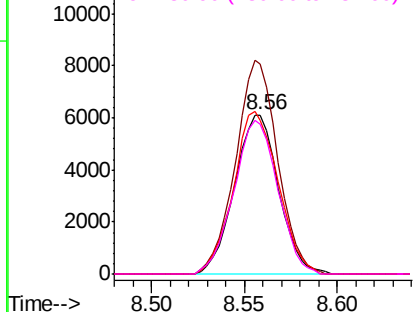


#58
Tetrachloroethene
Concen: 1.842 ug/l
RT: 8.56 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VU039841.D
Acq: 12 Aug 2020 13:01

Tgt Ion: 164 Resp: 10081
Ion Ratio Lower Upper
164 100
166 132.2 104.8 157.2
129 96.2 84.1 126.1
131 94.4 80.1 120.1



Abundance Ion 163.85 (163.55 to 164.55): VU039841.D (-2089) (-)
Ion 165.80 (165.50 to 166.50): VU039841.D (-2089) (-)
Ion 128.90 (128.60 to 129.60): VU039841.D (-2089) (-)
Ion 130.90 (130.60 to 131.60): VU039841.D (-2089) (-)





#59

Chlorobenzene

Concen: 1.722 ug/l

RT: 9.45 min Scan# 2522

Delta R.T. 0.00 min

Lab File: VU039841.D

Acq: 12 Aug 2020 13:01

Instrument :

MSVOA_U

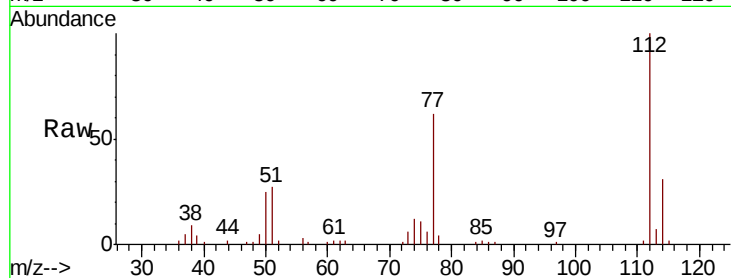
ClientSampleId :

Tot Ion:112 Resp: 28957

Ion Ratio Lower Upper

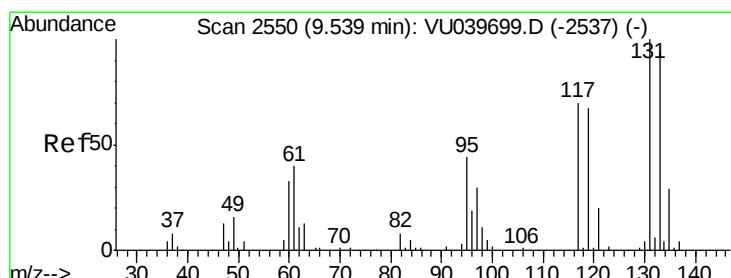
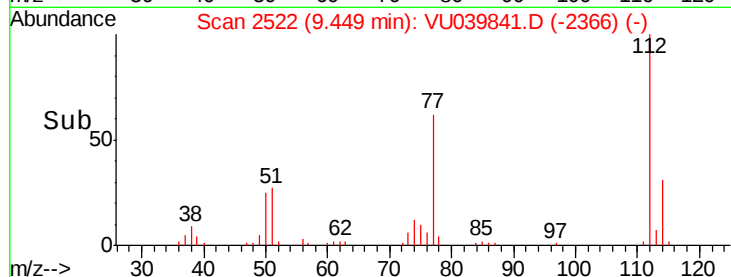
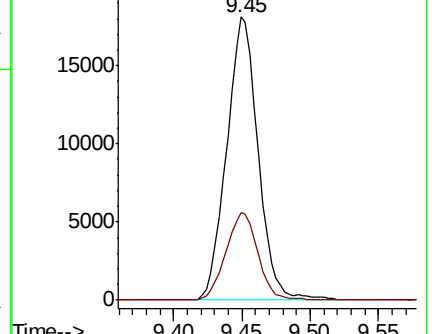
112 100

114 30.8 25.8 38.6



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: 1.810 ug/l

RT: 9.54 min Scan# 2550

Delta R.T. 0.00 min

Lab File: VU039841.D

Acq: 12 Aug 2020 13:01

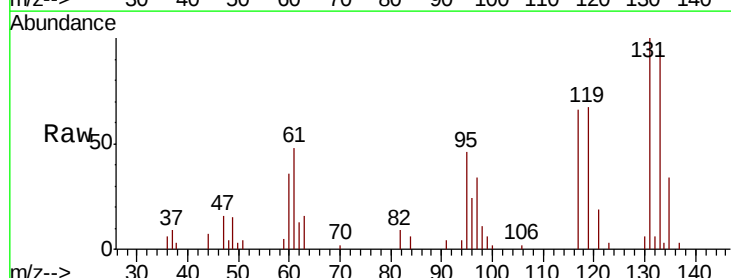
Tgt Ion:131 Resp: 10264

Ion Ratio Lower Upper

131 100

133 95.0 75.8 113.8

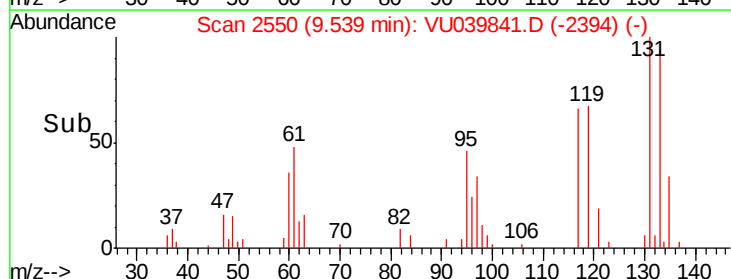
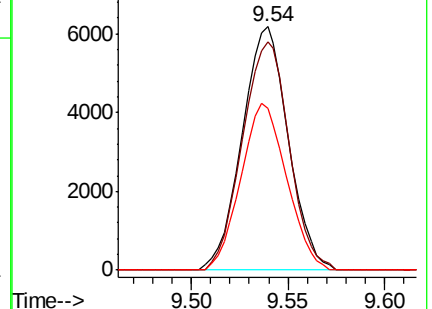
119 67.9 54.6 81.8

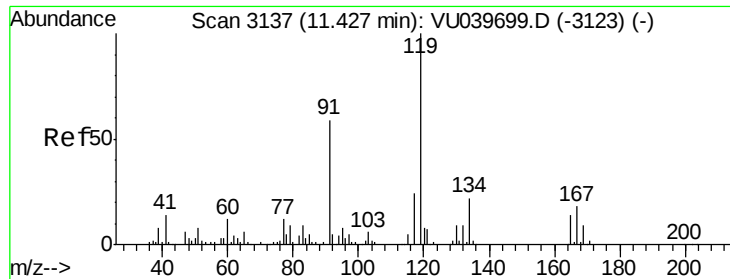


Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V

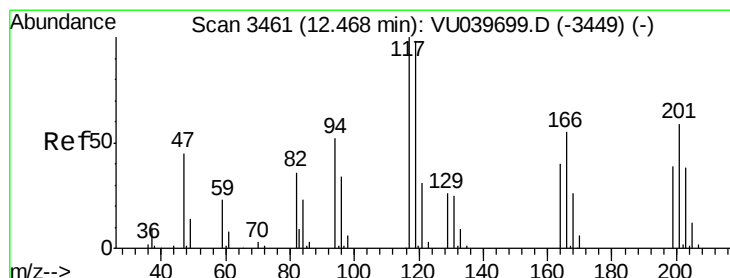
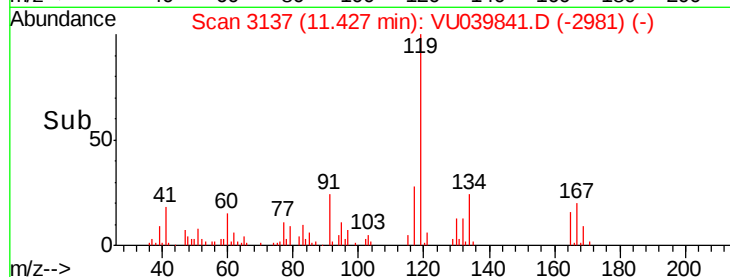
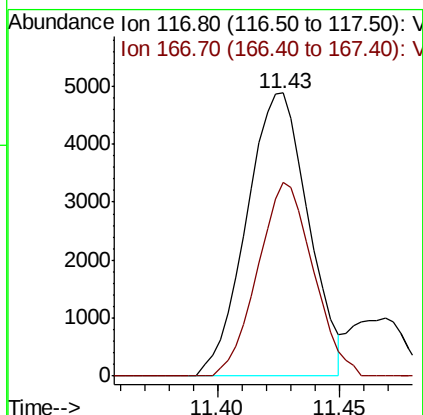
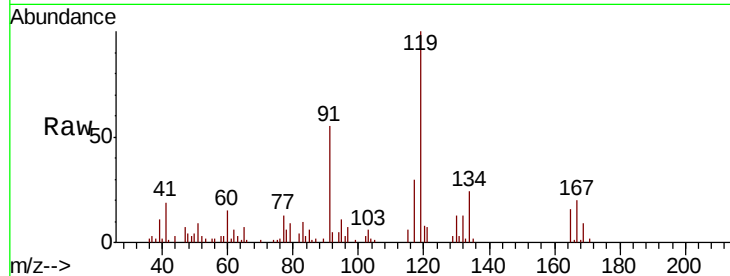




#61
 Pentachloroethane
 Concen: 1.722 ug/l
 RT: 11.43 min Scan# 3137
 Delta R.T. 0.00 min
 Lab File: VU039841.D
 Acq: 12 Aug 2020 13:01

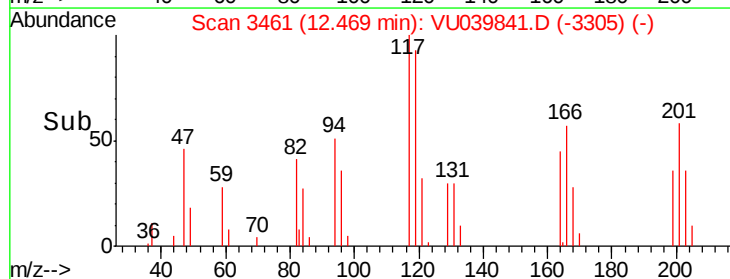
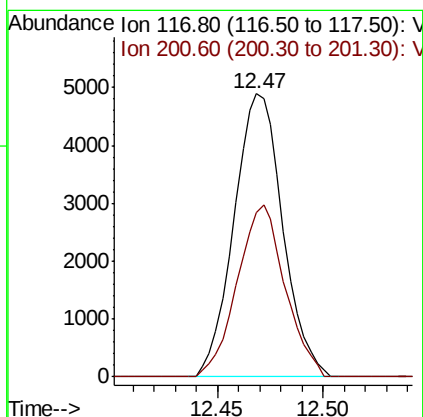
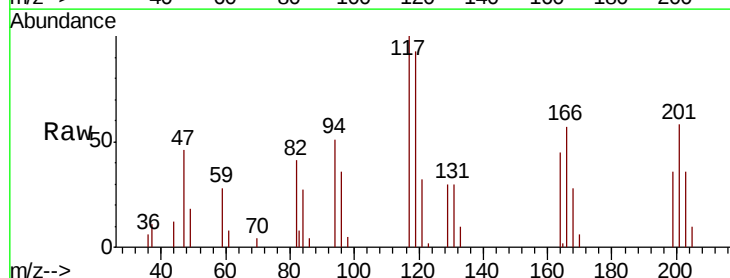
Instrument :
 MSVOA_U
 ClientSampled :

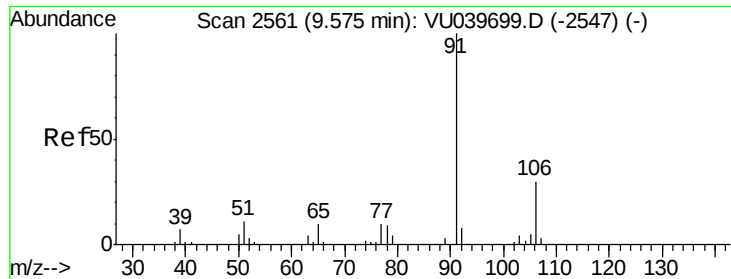
Tot Ion:117 Resp: 8576
 Ion Ratio Lower Upper
 117 100
 167 61.2 56.6 85.0



#62
 Hexachloroethane
 Concen: 1.719 ug/l
 RT: 12.47 min Scan# 3461
 Delta R.T. 0.00 min
 Lab File: VU039841.D
 Acq: 12 Aug 2020 13:01

Tgt Ion:117 Resp: 7847
 Ion Ratio Lower Upper
 117 100
 201 59.5 48.1 72.1





#63

Ethyl Benzene

Concen: 1.568 ug/l

RT: 9.57 min Scan# 2560

Delta R.T. -0.00 min

Lab File: VU039841.D

Acq: 12 Aug 2020 13:01

Instrument :

MSVOA_U

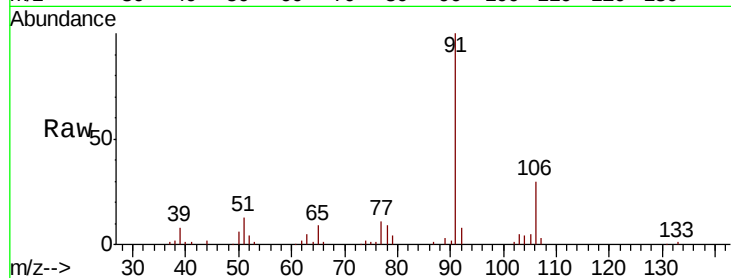
ClientSampleId :

Tot Ion: 91 Resp: 47245

Ion Ratio Lower Upper

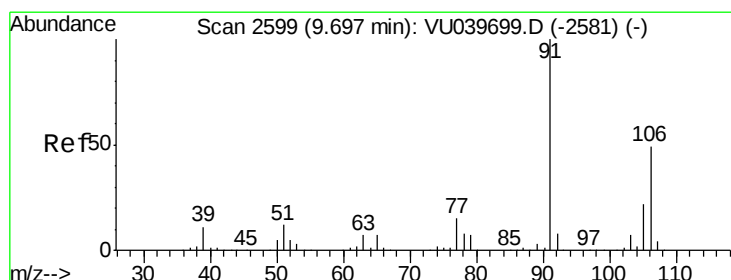
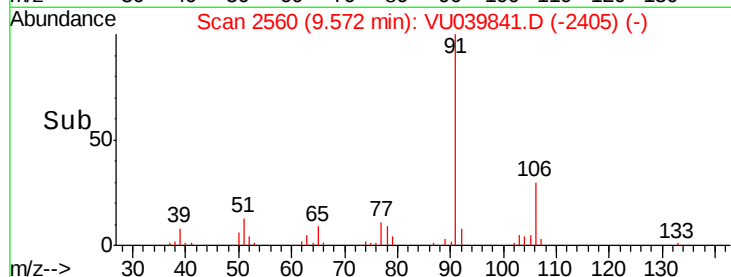
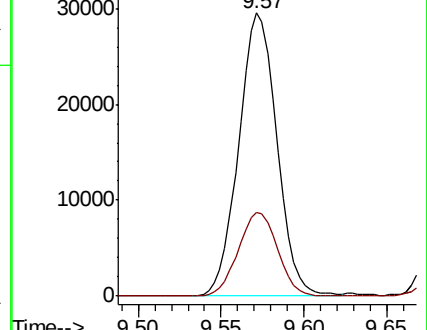
91 100

106 29.6 24.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VU039699.D (-2547) (-)

Ion 106.00 (105.70 to 106.70): VU039699.D (-2547) (-)



#64

m/p-Xylenes

Concen: 3.115 ug/l

RT: 9.70 min Scan# 2599

Delta R.T. 0.00 min

Lab File: VU039841.D

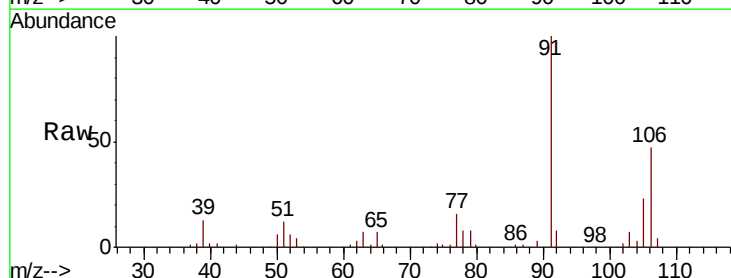
Acq: 12 Aug 2020 13:01

Tgt Ion: 106 Resp: 36674

Ion Ratio Lower Upper

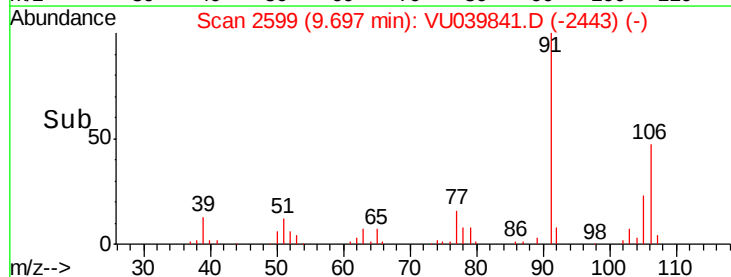
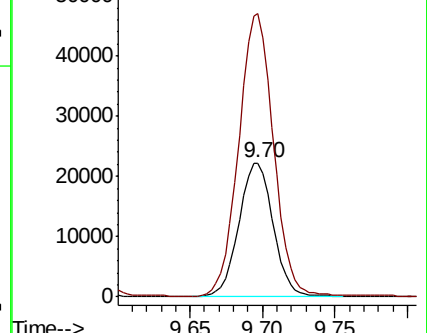
106 100

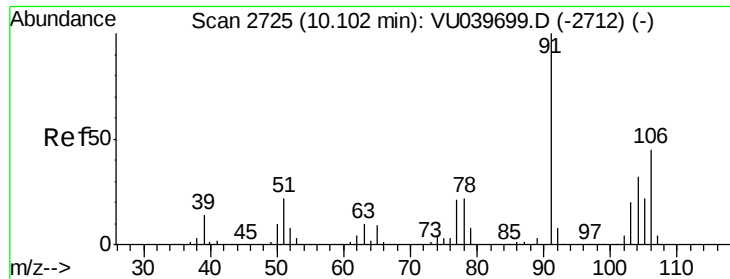
91 212.7 163.9 245.9



Abundance Ion 106.00 (105.70 to 106.70): VU039699.D (-2581) (-)

Ion 91.00 (90.70 to 91.70): VU039699.D (-2581) (-)

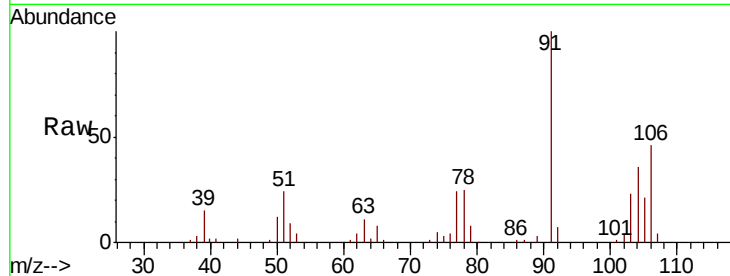




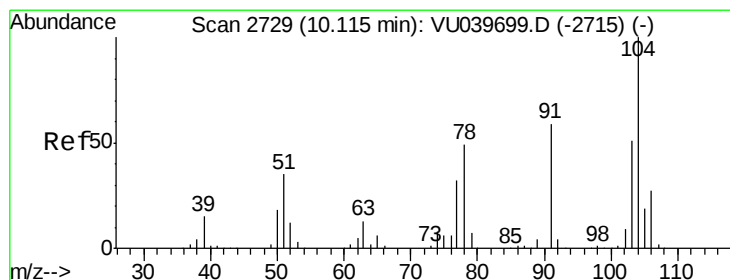
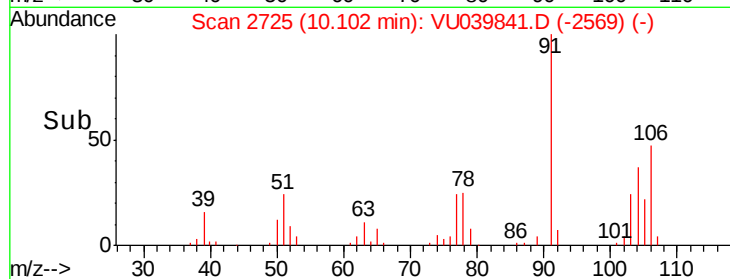
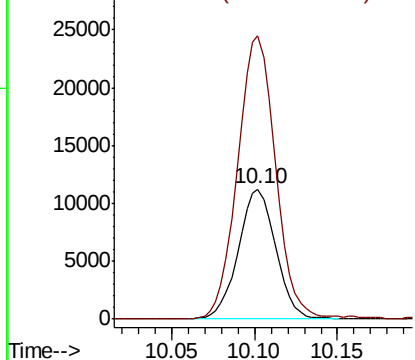
#65
o-Xylene
Concen: 1.577 ug/l
RT: 10.10 min Scan# 2725
Delta R.T. 0.00 min
Lab File: VU039841.D
Acq: 12 Aug 2020 13:01

Instrument :
MSVOA_U
ClientSampled :

Tot Ion:106 Resp: 17633
Ion Ratio Lower Upper
106 100
91 221.5 110.3 331.0

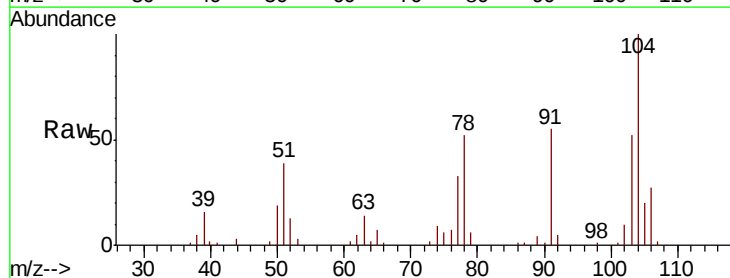


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

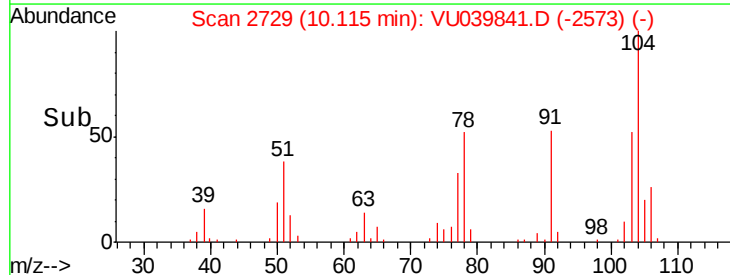
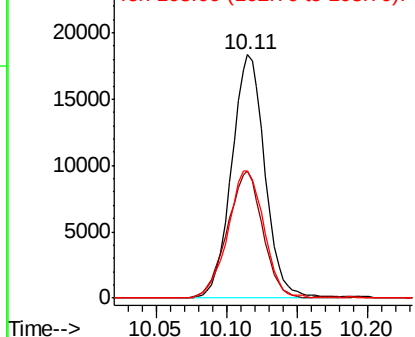


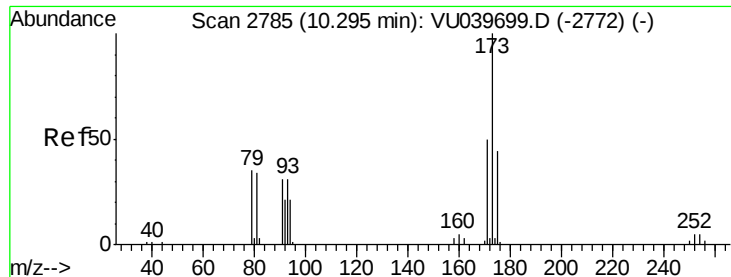
#66
Styrene
Concen: 1.585 ug/l
RT: 10.11 min Scan# 2729
Delta R.T. 0.00 min
Lab File: VU039841.D
Acq: 12 Aug 2020 13:01

Tgt Ion:104 Resp: 30371
Ion Ratio Lower Upper
104 100
78 55.2 42.2 63.4
103 56.3 43.4 65.2



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

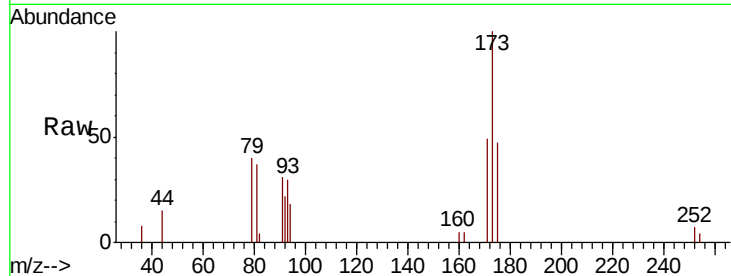




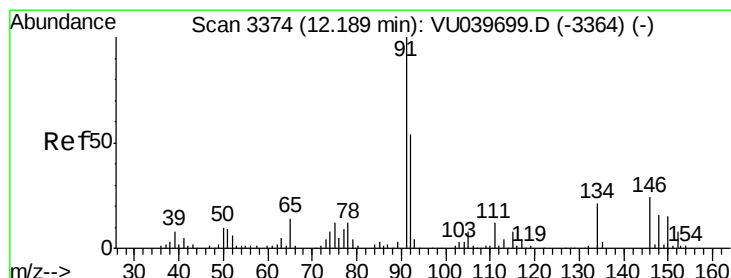
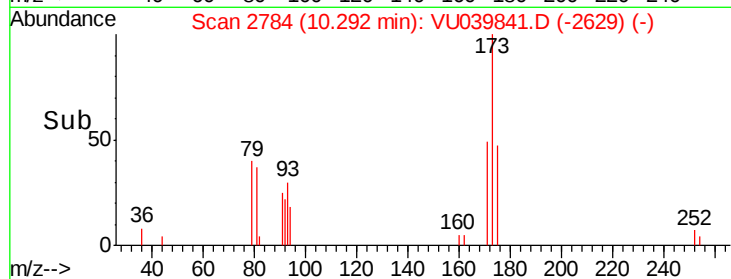
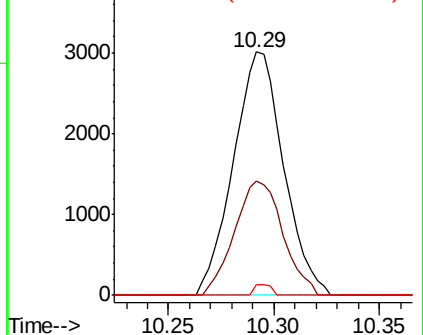
#67
Bromoform
Concen: 1.731 ug/l
RT: 10.29 min Scan# 2784
Delta R.T. -0.00 min
Lab File: VU039841.D
Acq: 12 Aug 2020 13:01

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:173 Resp: 4991
Ion Ratio Lower Upper
173 100
175 44.9 36.7 55.1
254 1.4 3.8 5.8#

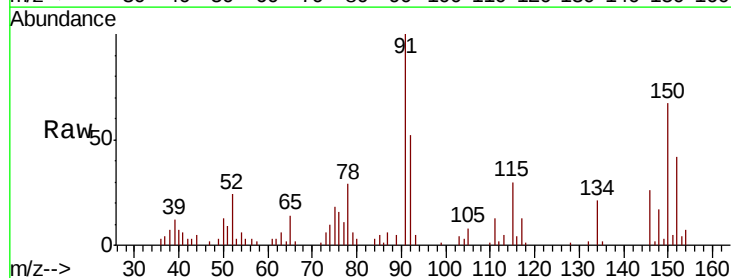


Abundance Ion 172.90 (172.60 to 173.60): V
Ion 174.90 (174.60 to 175.60): V
Ion 253.75 (253.45 to 254.45): V

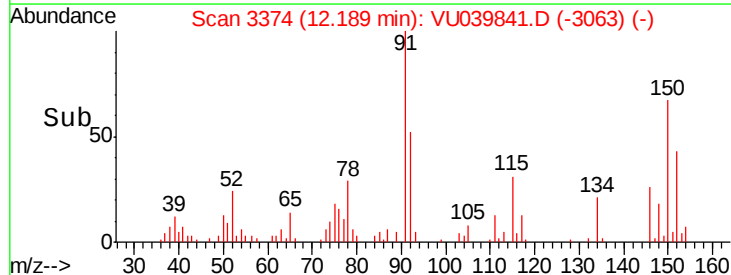
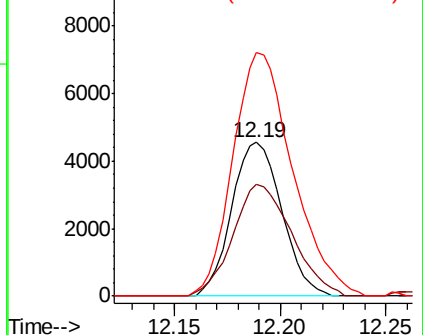


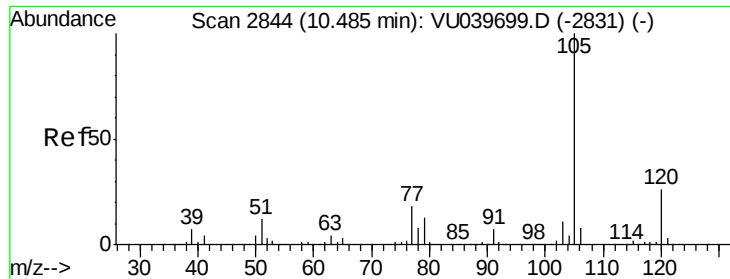
#68
1,2-Dichlorobenzene-d4
Concen: 0.901 ug/l
RT: 12.19 min Scan# 3374
Delta R.T. 0.00 min
Lab File: VU039841.D
Acq: 12 Aug 2020 13:01

Tgt Ion:152 Resp: 7527
Ion Ratio Lower Upper
152 100
115 85.0 0.0 302.4
150 188.5 0.0 645.8



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: 1.598 ug/l

RT: 10.48 min Scan# 2844

Delta R.T. 0.00 min

Lab File: VU039841.D

Acq: 12 Aug 2020 13:01

Instrument :

MSVOA_U

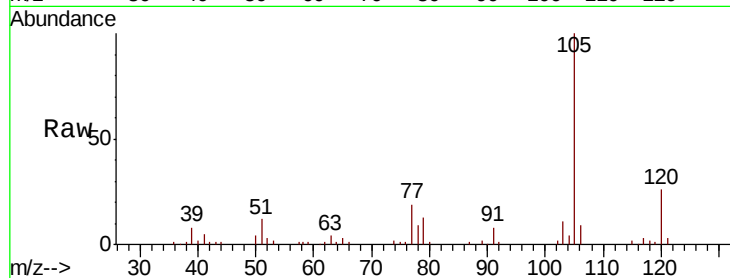
ClientSampleId :

Tot Ion:105 Resp: 47700

Ion Ratio Lower Upper

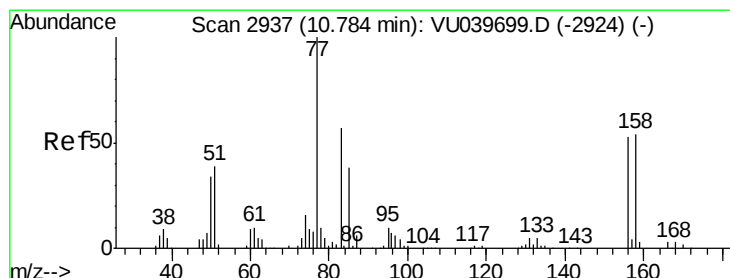
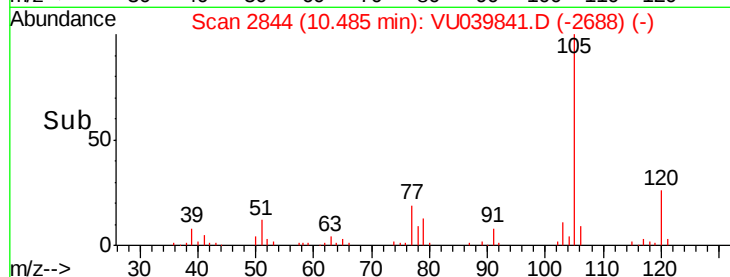
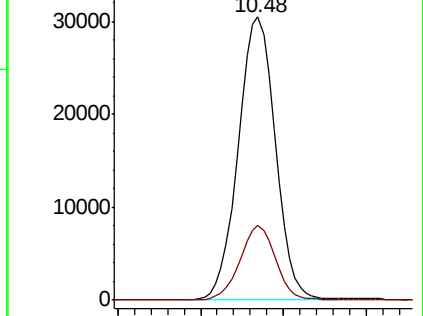
105 100

120 25.1 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#70

1,1,2,2-Tetrachloroethane

Concen: 1.676 ug/l

RT: 10.78 min Scan# 2937

Delta R.T. 0.00 min

Lab File: VU039841.D

Acq: 12 Aug 2020 13:01

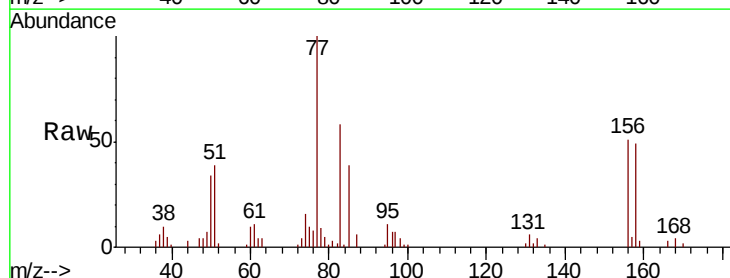
Tgt Ion: 83 Resp: 12701

Ion Ratio Lower Upper

83 100

131 9.0 7.0 10.6

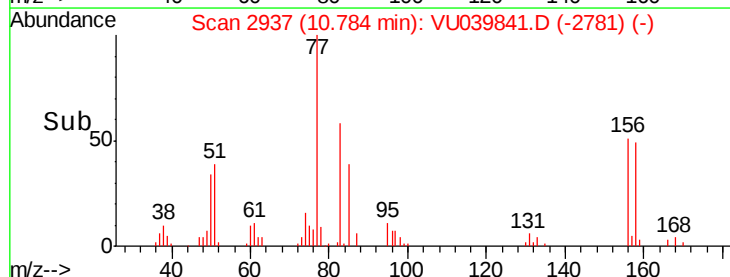
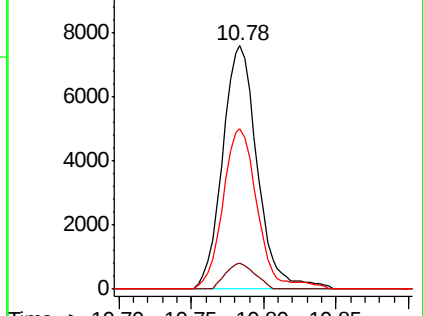
85 65.4 50.6 75.8

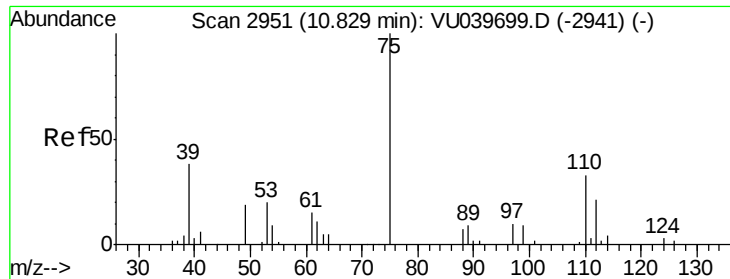


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VU0

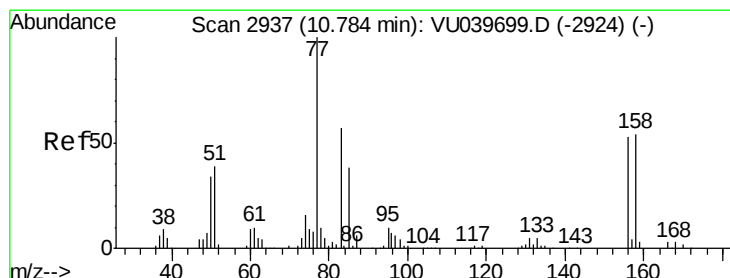
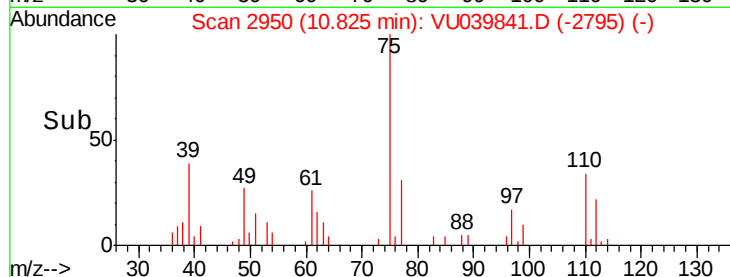
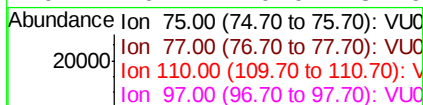
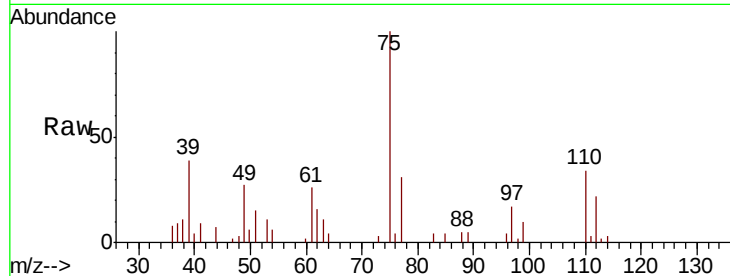




#71
 1,2,3-Trichloropropane
 Concen: 2.616 ug/l
 RT: 10.83 min Scan# 2950
 Delta R.T. -0.00 min
 Lab File: VU039841.D
 Acq: 12 Aug 2020 13:01

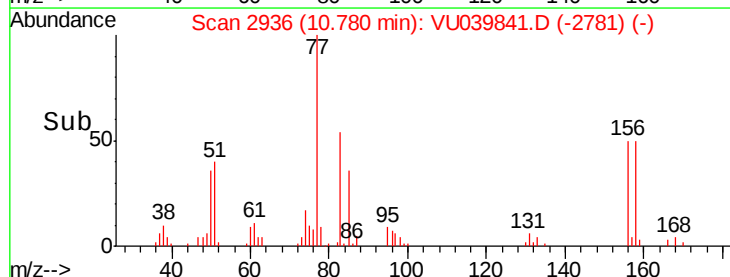
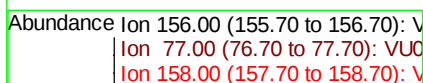
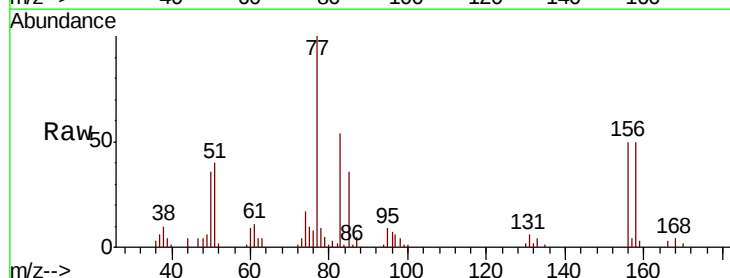
Instrument :
 MSVOA_U
 ClientSampleId :

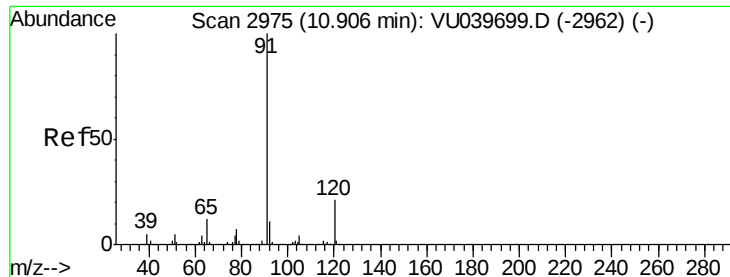
Tot Ion:	75	Resp:	14936
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	91.0
110	22.4	0.0	64.2
97	10.7	0.0	32.6



#72
 Bromobenzene
 Concen: 1.654 ug/l
 RT: 10.78 min Scan# 2936
 Delta R.T. -0.00 min
 Lab File: VU039841.D
 Acq: 12 Aug 2020 13:01

Tgt Ion:	156	Resp:	11212
Ion	Ratio	Lower	Upper
156	100		
77	198.0	0.0	385.2
158	97.2	0.0	200.8





#73

n-propylbenzene

Concen: 1.599 ug/l

RT: 10.90 min Scan# 2974

Delta R.T. -0.00 min

Lab File: VU039841.D

Acq: 12 Aug 2020 13:01

Instrument :

MSVOA_U

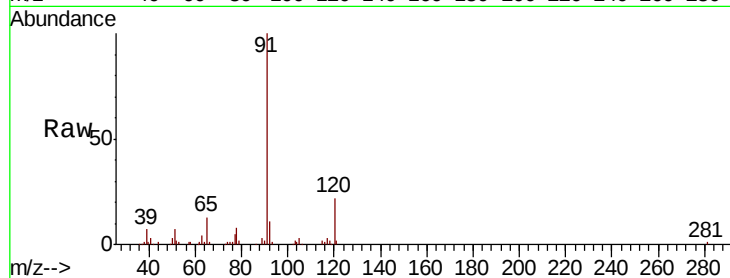
ClientSampleId :

Tot Ion:120 Resp: 13420

Ion Ratio Lower Upper

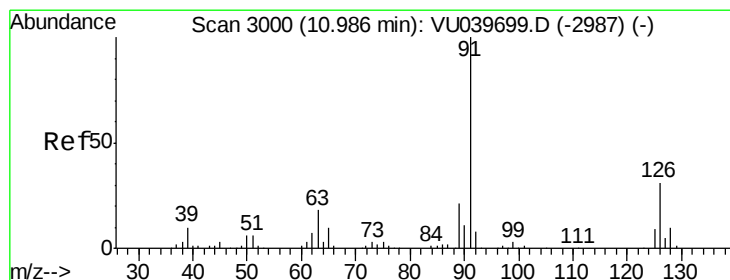
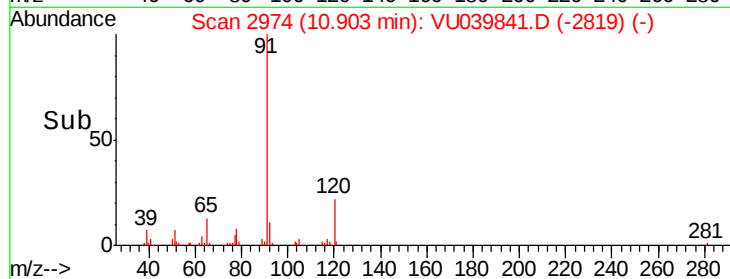
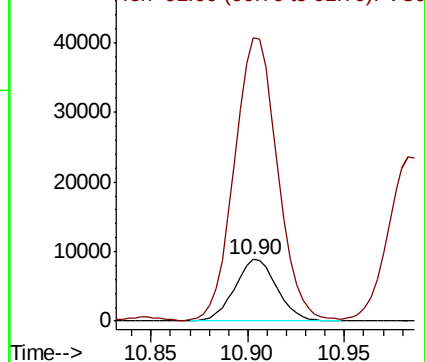
120 100

91 466.2 371.7 557.5



Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0



#74

2-Chlorotoluene

Concen: 1.645 ug/l

RT: 10.99 min Scan# 3000

Delta R.T. 0.00 min

Lab File: VU039841.D

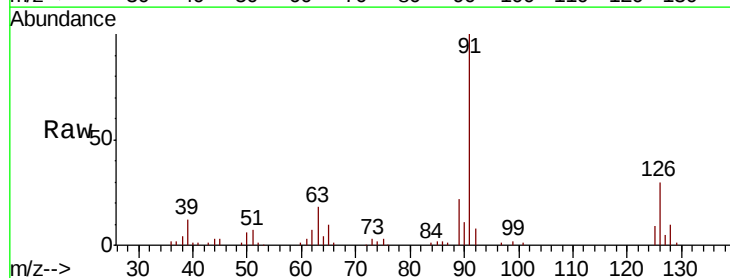
Acq: 12 Aug 2020 13:01

Tgt Ion:126 Resp: 11666

Ion Ratio Lower Upper

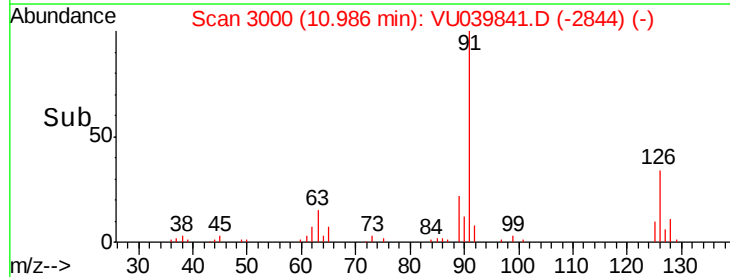
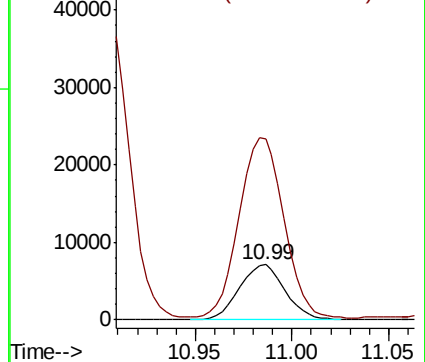
126 100

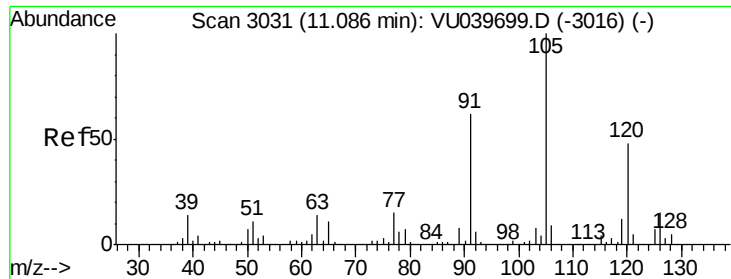
91 320.7 0.0 637.0



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: 1.590 ug/l

RT: 11.09 min Scan# 3031

Delta R.T. 0.00 min

Lab File: VU039841.D

Acq: 12 Aug 2020 13:01

Instrument :

MSVOA_U

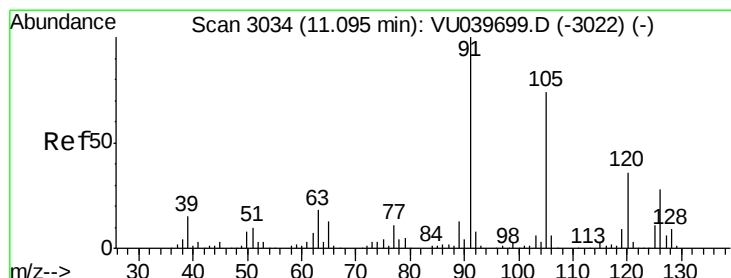
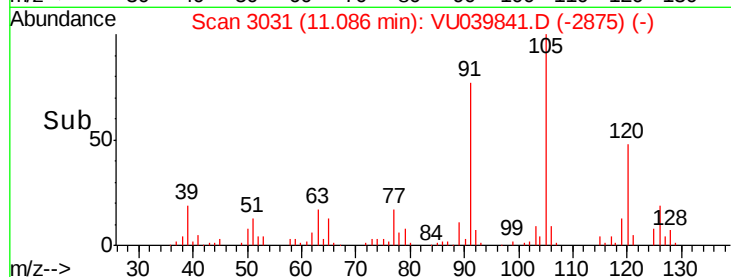
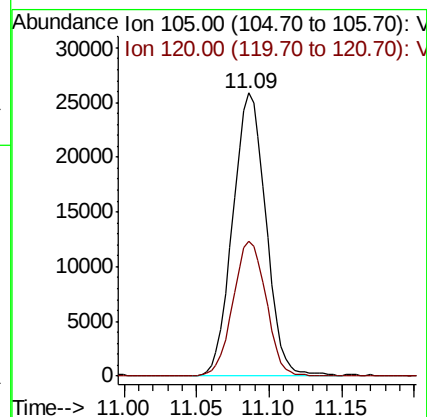
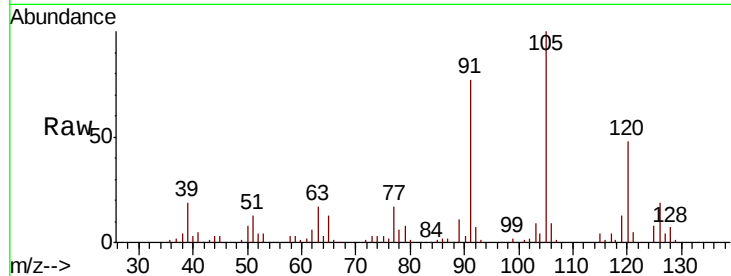
ClientSampleId :

Tot Ion:105 Resp: 41036

Ion Ratio Lower Upper

105 100

120 47.3 38.0 57.0



#76

4-Chlorotoluene

Concen: 1.766 ug/l

RT: 11.10 min Scan# 3034

Delta R.T. 0.00 min

Lab File: VU039841.D

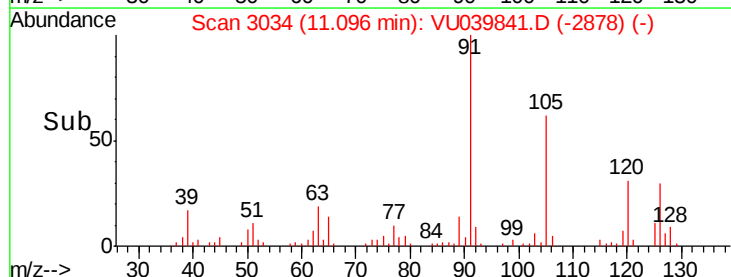
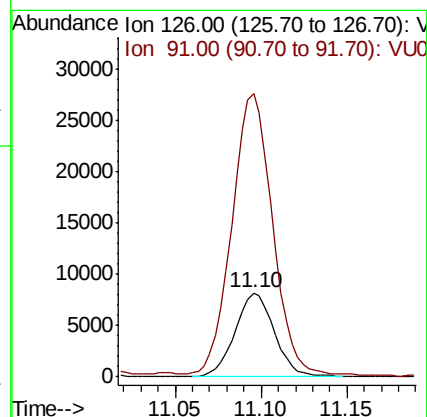
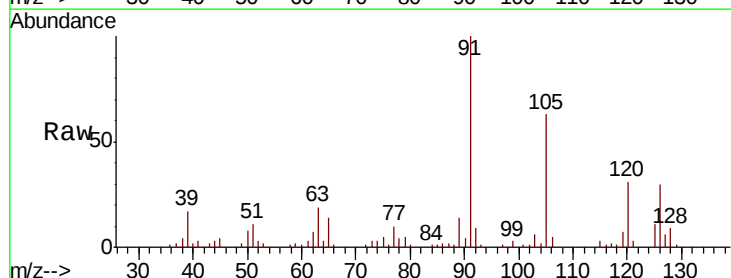
Acq: 12 Aug 2020 13:01

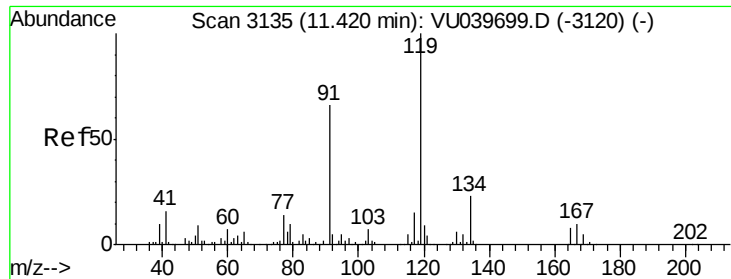
Tgt Ion:126 Resp: 12972

Ion Ratio Lower Upper

126 100

91 352.5 0.0 732.2





#77

tert-Butylbenzene

Concen: 1.570 ug/l

RT: 11.42 min Scan# 3134

Delta R.T. -0.00 min

Lab File: VU039841.D

Acq: 12 Aug 2020 13:01

Instrument :

MSVOA_U

ClientSampleId :

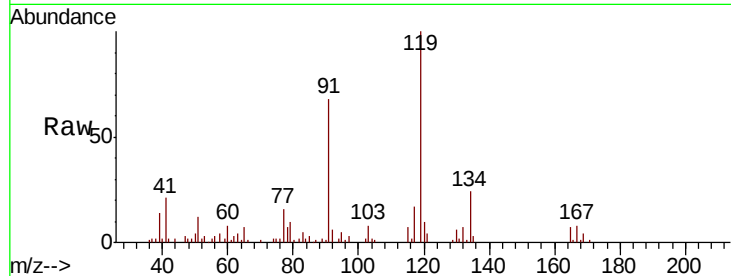
Tot Ion:119 Resp: 38872

Ion Ratio Lower Upper

119 100

91 65.4 31.9 95.5

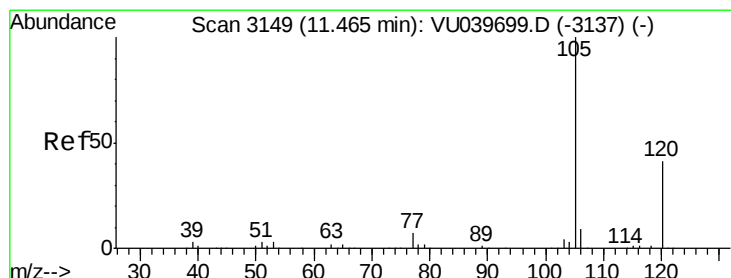
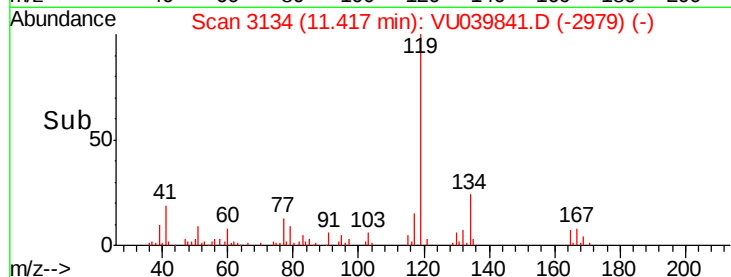
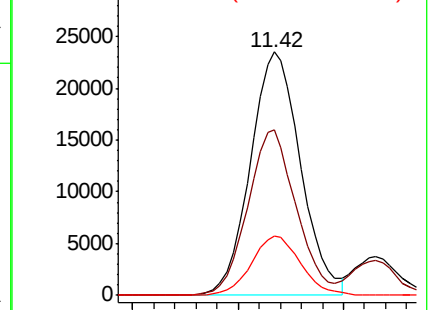
134 23.9 18.2 27.4



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: 1.614 ug/l

RT: 11.47 min Scan# 3149

Delta R.T. 0.00 min

Lab File: VU039841.D

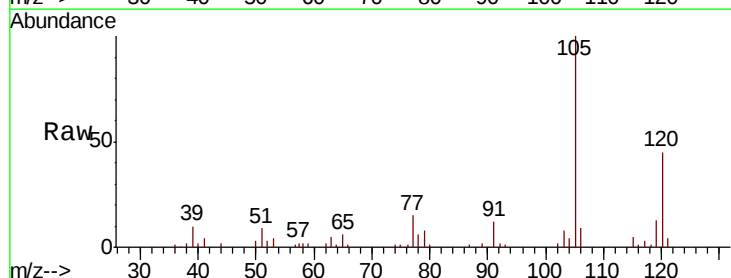
Acq: 12 Aug 2020 13:01

Tgt Ion:105 Resp: 42718

Ion Ratio Lower Upper

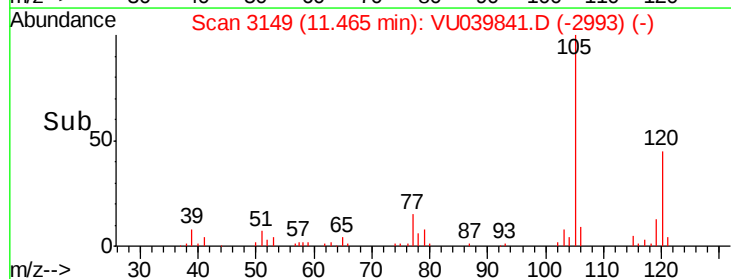
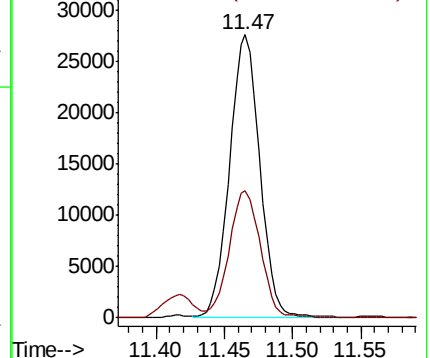
105 100

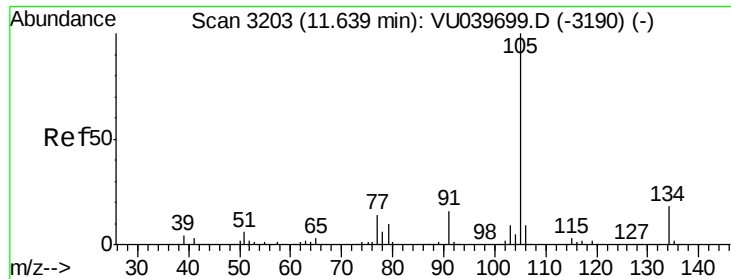
120 46.3 22.7 68.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

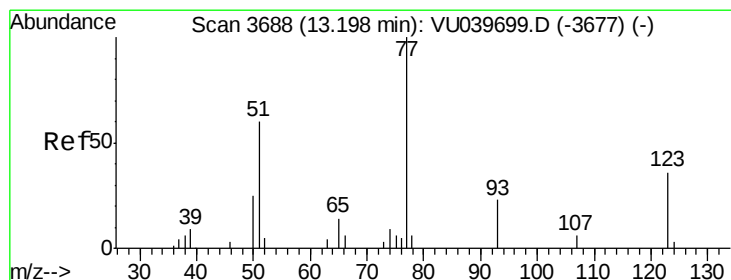
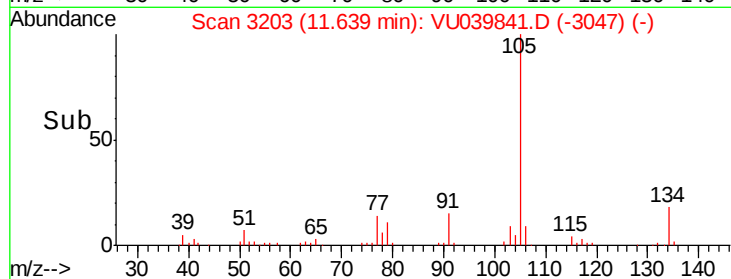
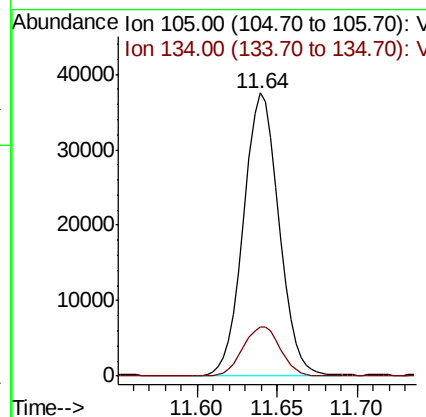
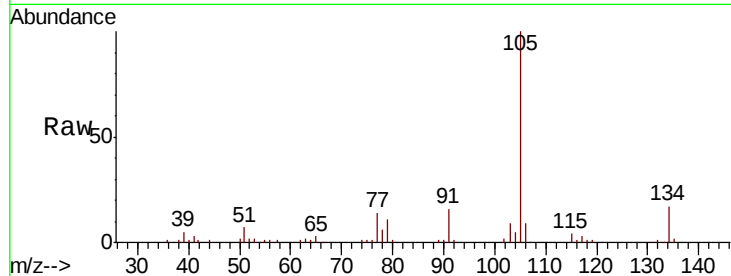




#79
 sec-Butylbenzene
 Concen: 1.612 ug/l
 RT: 11.64 min Scan# 3203
 Delta R.T. 0.00 min
 Lab File: VU039841.D
 Acq: 12 Aug 2020 13:01

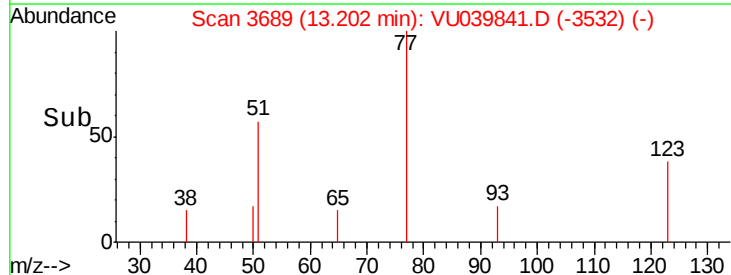
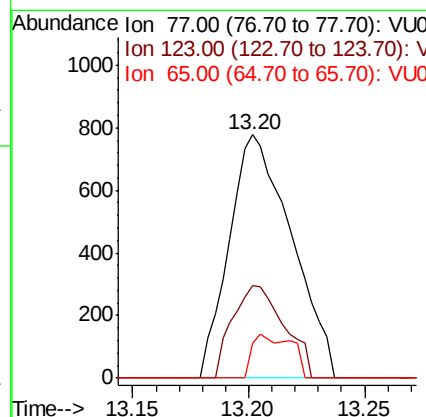
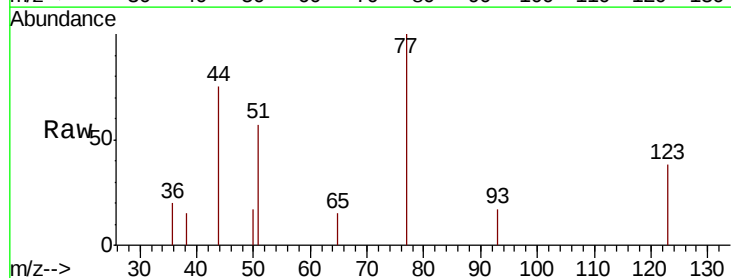
Instrument :
 MSVOA_U
 ClientSampleId :

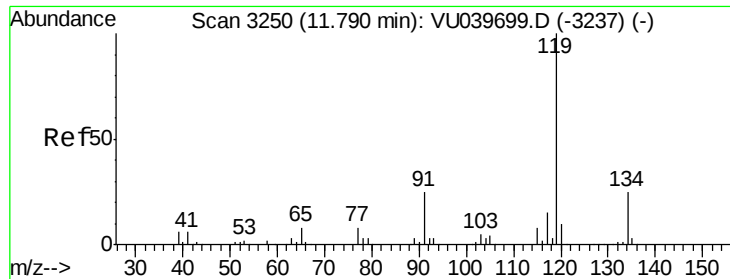
Tot Ion: 105 Resp: 56810
 Ion Ratio Lower Upper
 105 100
 134 18.4 14.8 22.2



#80
 Nitrobenzene
 Concen: 11.300 ug/l
 RT: 13.20 min Scan# 3689
 Delta R.T. 0.00 min
 Lab File: VU039841.D
 Acq: 12 Aug 2020 13:01

Tgt Ion: 77 Resp: 1449
 Ion Ratio Lower Upper
 77 100
 123 31.9 16.9 59.9
 65 11.2 14.4 18.4#

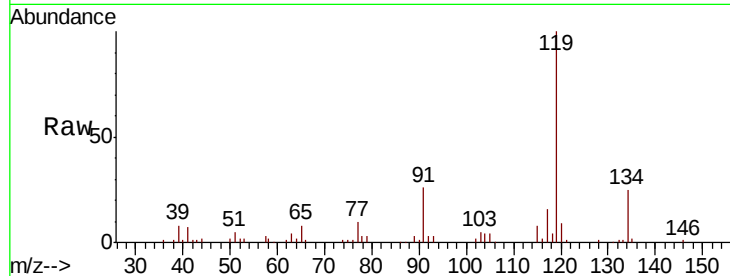




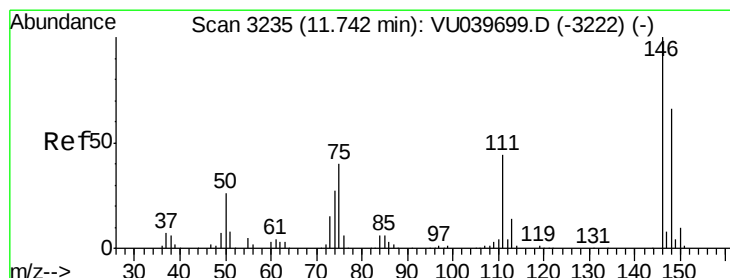
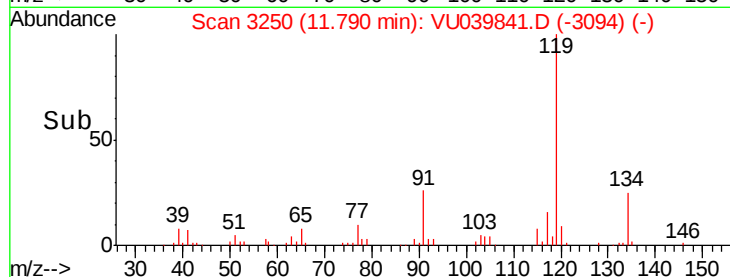
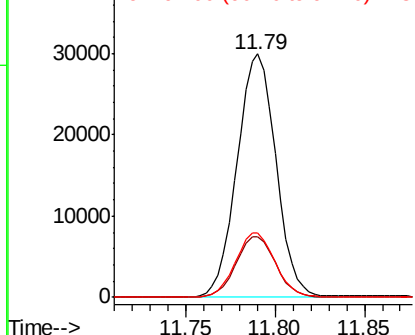
#81
 p-Isopropyltoluene
 Concen: 1.604 ug/l
 RT: 11.79 min Scan# 3250
 Delta R.T. 0.00 min
 Lab File: VU039841.D
 Acq: 12 Aug 2020 13:01

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
119	100		
134	25.3	20.2	30.4
91	26.9	20.7	31.1

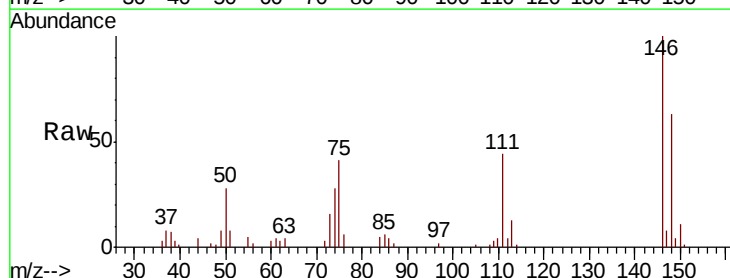


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V

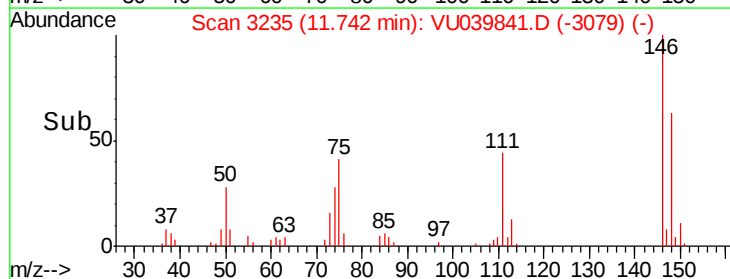
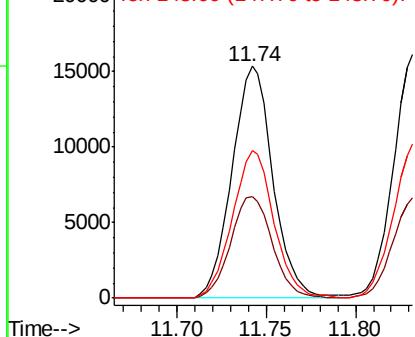


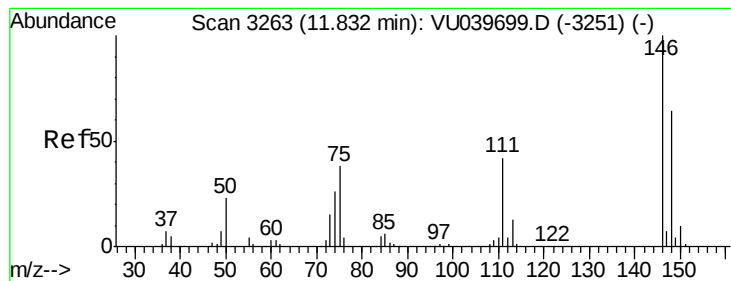
#82
 1,3-Dichlorobenzene
 Concen: 1.687 ug/l
 RT: 11.74 min Scan# 3235
 Delta R.T. 0.00 min
 Lab File: VU039841.D
 Acq: 12 Aug 2020 13:01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	44.4	34.5	51.7
148	64.2	51.4	77.0



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: 1.707 ug/l

RT: 11.83 min Scan# 3263

Delta R.T. 0.00 min

Lab File: VU039841.D

Acq: 12 Aug 2020 13:01

Instrument :

MSVOA_U

ClientSampled :

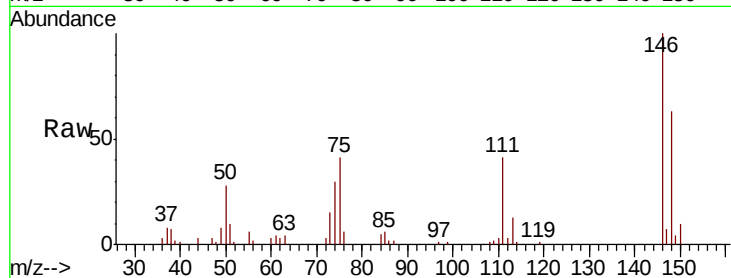
Tot Ion:146 Resp: 25053

Ion Ratio Lower Upper

146 100

111 42.1 33.8 50.6

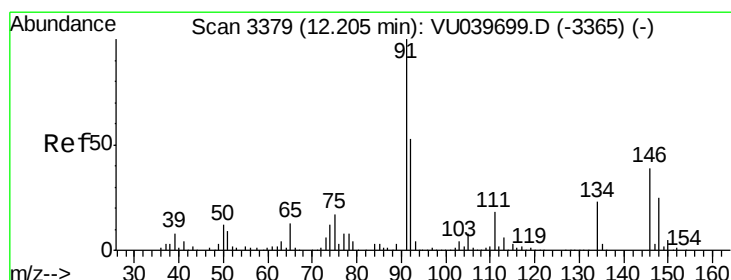
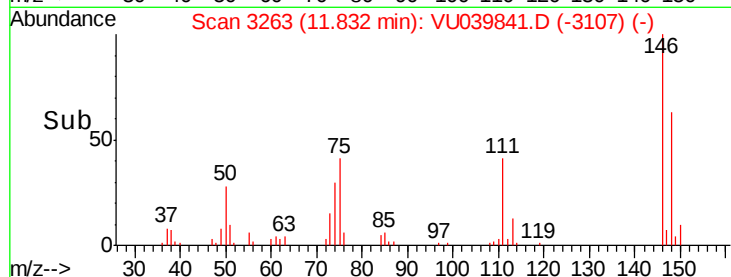
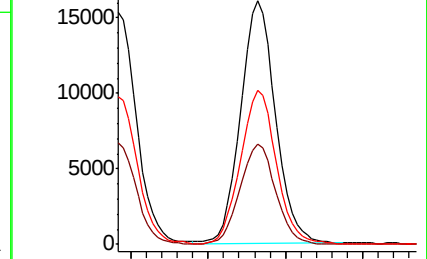
148 65.7 51.1 76.7



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: 1.632 ug/l

RT: 12.20 min Scan# 3379

Delta R.T. 0.00 min

Lab File: VU039841.D

Acq: 12 Aug 2020 13:01

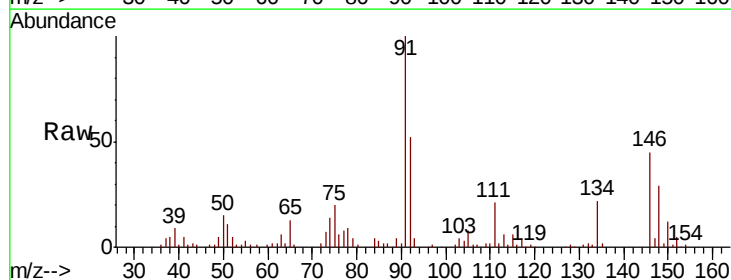
Tgt Ion: 91 Resp: 49244

Ion Ratio Lower Upper

91 100

92 51.1 42.6 64.0

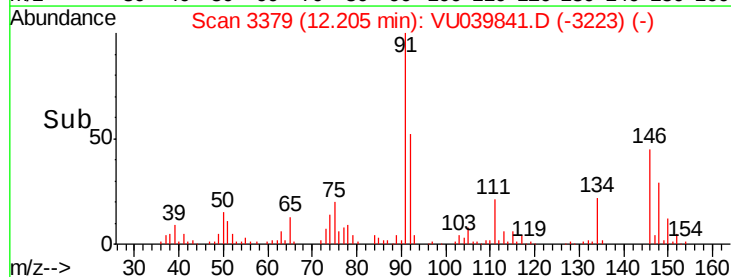
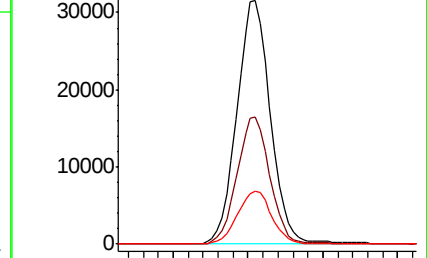
134 22.0 18.2 27.4

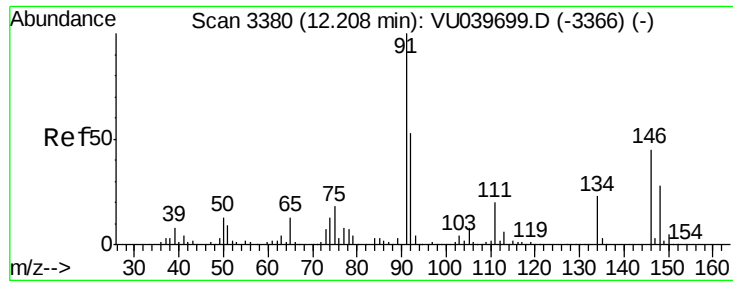


Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 92.00 (91.70 to 92.70): VU0

Ion 134.00 (133.70 to 134.70): V

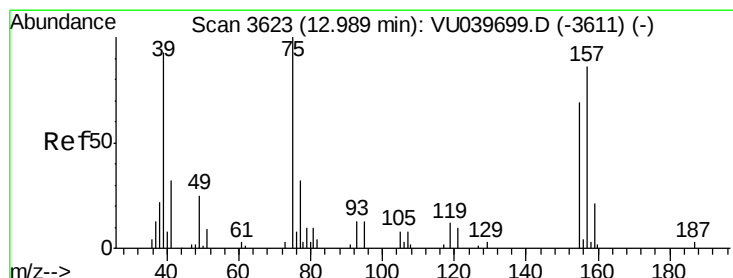
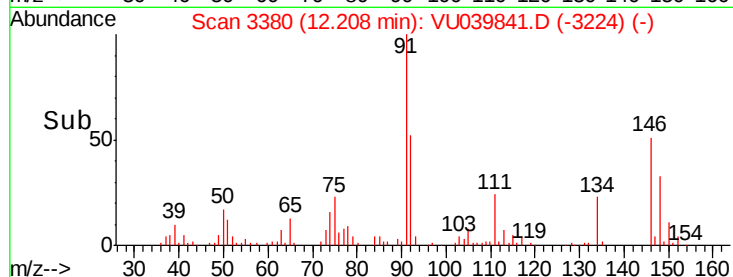
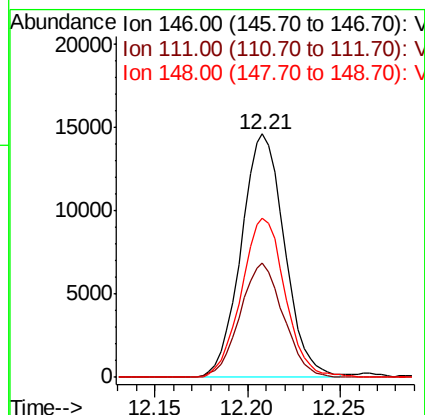
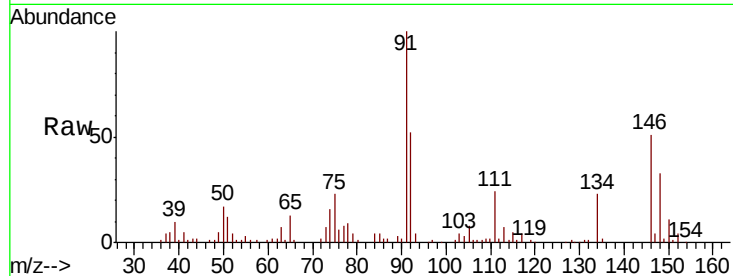




#85
 1,2-Dichlorobenzene
 Concen: 1.688 ug/l
 RT: 12.21 min Scan# 3380
 Delta R.T. 0.00 min
 Lab File: VU039841.D
 Acq: 12 Aug 2020 13:01

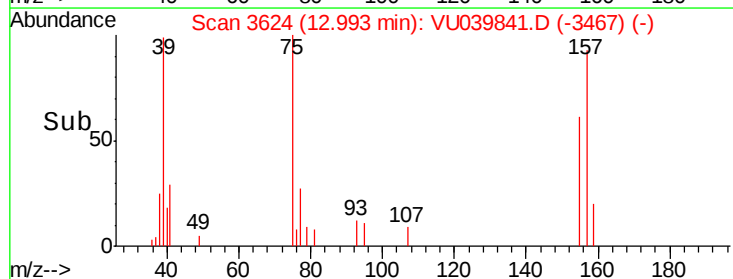
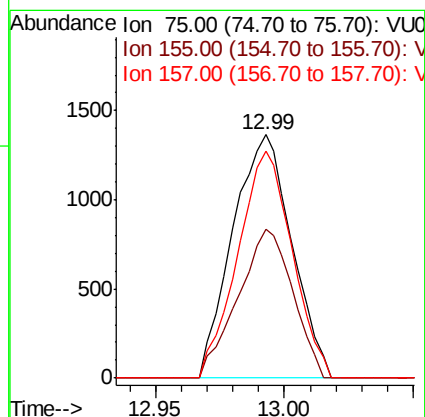
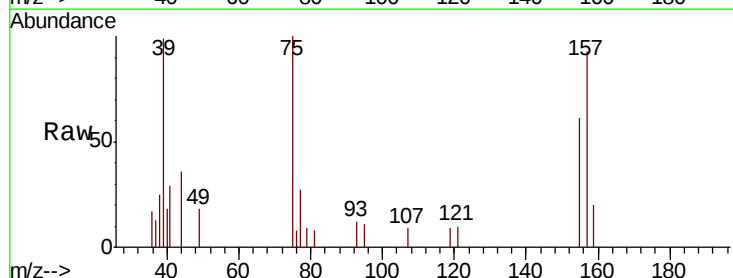
Instrument :
 MSVOA_U
 ClientSampled :

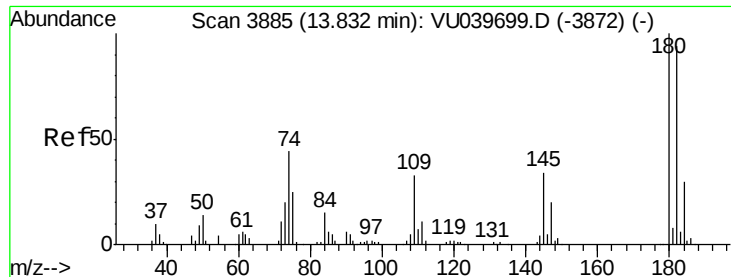
Tot Ion:146 Resp: 23740
 Ion Ratio Lower Upper
 146 100
 111 46.8 22.8 68.3
 148 65.8 31.7 95.1



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 1.702 ug/l
 RT: 12.99 min Scan# 3624
 Delta R.T. 0.00 min
 Lab File: VU039841.D
 Acq: 12 Aug 2020 13:01

Tgt Ion: 75 Resp: 2173
 Ion Ratio Lower Upper
 75 100
 155 56.7 52.9 79.3
 157 86.3 67.8 101.6

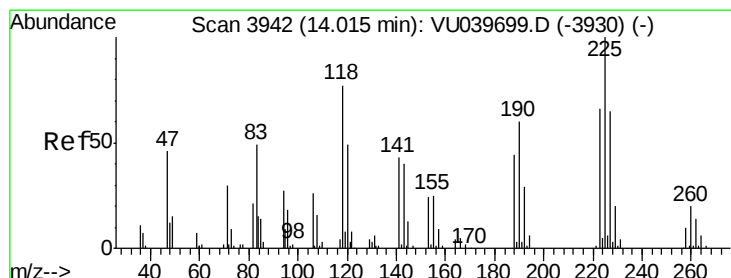
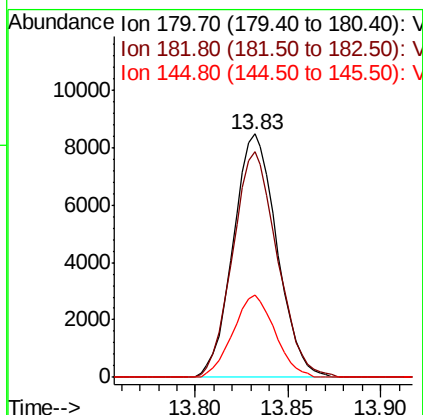
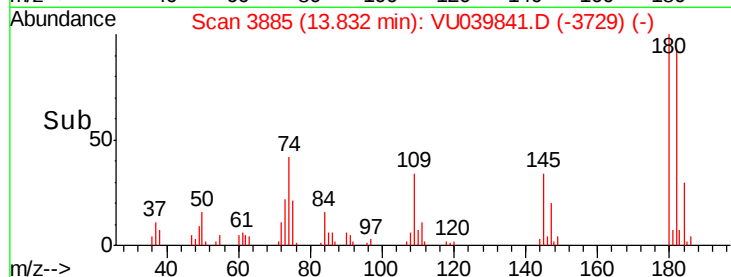
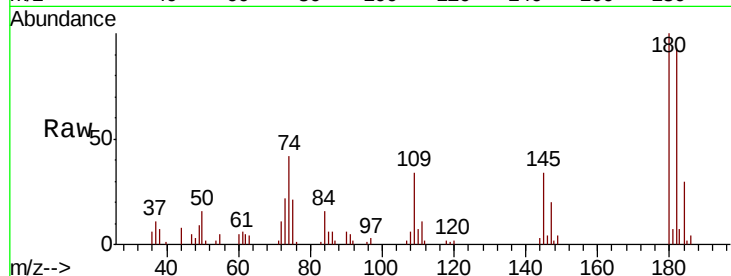




#87
 1,2,4-Trichlorobenzene
 Concen: 1.575 ug/l
 RT: 13.83 min Scan# 3885
 Delta R.T. 0.00 min
 Lab File: VU039841.D
 Acq: 12 Aug 2020 13:01

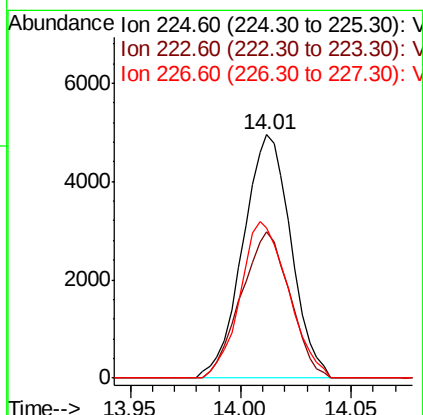
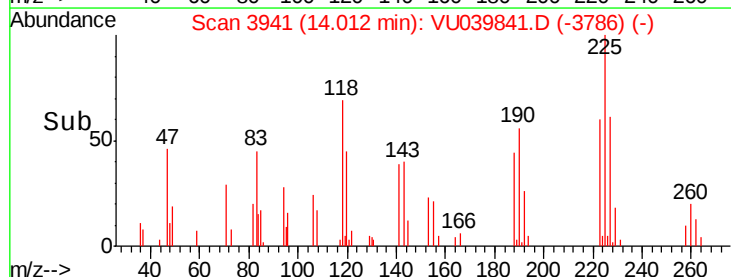
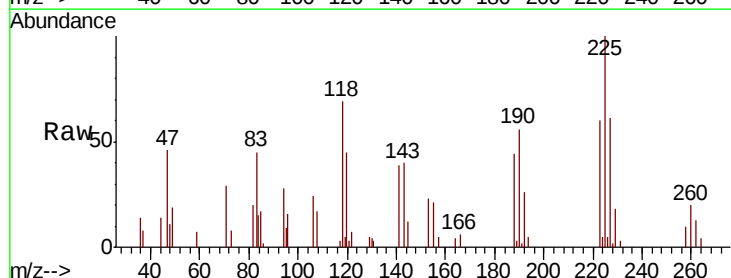
Instrument :
 MSVOA_U
 ClientSampleId :

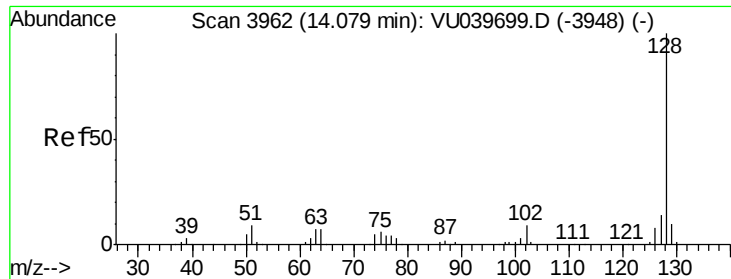
Tot Ion:180 Resp: 13858
 Ion Ratio Lower Upper
 180 100
 182 94.4 76.2 114.4
 145 32.5 26.8 40.2



#88
 Hexachlorobutadiene
 Concen: 1.874 ug/l
 RT: 14.01 min Scan# 3941
 Delta R.T. -0.00 min
 Lab File: VU039841.D
 Acq: 12 Aug 2020 13:01

Tgt Ion:225 Resp: 7488
 Ion Ratio Lower Upper
 225 100
 223 60.8 52.4 78.6
 227 64.5 50.7 76.1





#89

Naphthalene

Concen: 1.567 ug/l

RT: 14.08 min Scan# 3962

Delta R.T. 0.00 min

Lab File: VU039841.D

Acq: 12 Aug 2020 13:01

Instrument :

MSVOA_U

ClientSampleId :

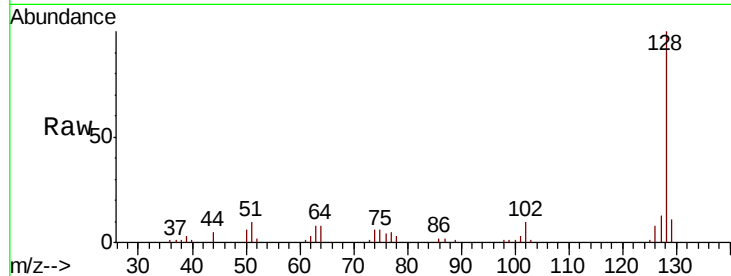
Tot Ion:128 Resp: 29490

Ion Ratio Lower Upper

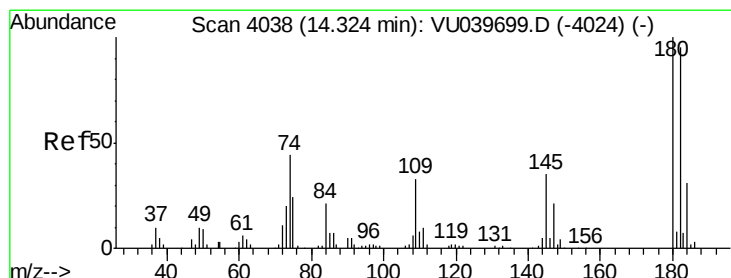
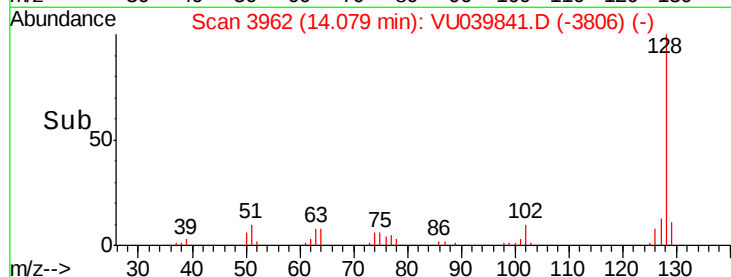
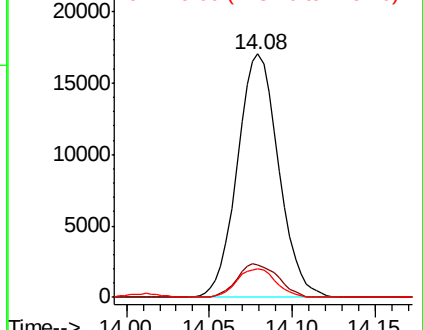
128 100

127 13.6 11.0 16.4

129 11.1 8.4 12.6



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: 1.775 ug/l

RT: 14.32 min Scan# 4037

Delta R.T. -0.00 min

Lab File: VU039841.D

Acq: 12 Aug 2020 13:01

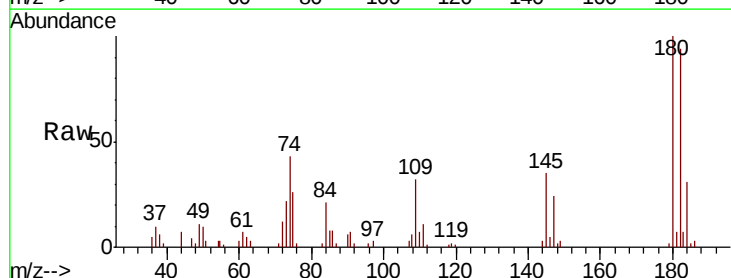
Tgt Ion:180 Resp: 14739

Ion Ratio Lower Upper

180 100

182 93.4 76.0 114.0

145 33.0 27.8 41.6



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

