

Data File : VU039725.D
Acq On : 30 Jul 2020 17:29
Operator : SY/MD
Sample : VU0730WBS01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0730WBS01

Quant Time: Jul 31 06:20:23 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U072920DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Jul 30 13:49:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	6.13	96	20130	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.64	95	7343	0.93	ug/l	0.00
Spiked Amount 1.000			Recovery	=	93.00%	
68) 1,2-Dichlorobenzene-d4	12.19	152	7131	0.93	ug/l	0.00
Spiked Amount 1.000			Recovery	=	93.00%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	14361	2.053	ug/l 98
3) Chloromethane	1.53	50	18605	2.141	ug/l 96
4) Vinyl Chloride	1.61	62	16646	2.079	ug/l 89
5) Bromomethane	1.87	94	10139	1.851	ug/l 95
6) Chloroethane	1.94	64	12094	2.177	ug/l 96
7) Trichlorofluoromethane	2.15	101	23529	2.221	ug/l 96
8) 1,1,2-Trichloro-1,2,2-trif	2.59	101	12970	2.134	ug/l 96
9) 1,1-Dichloroethene	2.59	96	11005	1.968	ug/l 99
10) Iodomethane	2.74	142	14104	2.500	ug/l 97
11) Allyl Chloride	2.93	41	24970	2.070	ug/l 98
12) Acrylonitrile	3.35	53	9392	4.784	ug/l 91
13) Acetone	2.66	43	22808	12.347	ug/l 95
14) Carbon Disulfide	2.80	76	40625	1.981	ug/l 98
15) Methylene Chloride	3.06	84	23326	2.992	ug/l 96
16) trans-1,2-Dichloroethene	3.37	96	13297	2.091	ug/l 99
17) 1,1-Dichloroethane	3.89	63	28767	2.060	ug/l 99
18) 2-Butanone	4.76	43	32757	10.545	ug/l 99
19) Cyclohexane	5.40	56	25759	1.906	ug/l 96
20) Methylcyclohexane	6.77	83	17364	1.734	ug/l 94
21) 2,2-Dichloropropane	4.68	77	22349	1.962	ug/l 100
22) cis-1,2-Dichloroethene	4.68	96	13766	2.008	ug/l 97
23) Diethyl Ether	2.39	59	12720	2.224	ug/l 96
24) tert-Butyl Alcohol	3.20	59	364	Below Cal	# 74
25) Methyl tert-Butyl Ether	3.39	73	36703	2.011	ug/l 98
26) Bromochloromethane	4.99	128	6347	2.263	ug/l 93
27) Chloroform	5.11	83	27143	2.077	ug/l 97
28) 1,1,1-Trichloroethane	5.33	97	20872	1.974	ug/l 98
29) 1,1-Dichloropropene	5.54	75	20752	2.038	ug/l 99
30) Carbon Tetrachloride	5.53	117	17096	1.977	ug/l 97
31) Isopropyl Ether	4.02	45	51562	2.025	ug/l 98
32) Ethyl-t-butyl ether	4.53	59	43996	2.030	ug/l 99
33) Tert-Amyl methyl ether	5.97	73	28960	1.853	ug/l 99
34) Propionitrile	4.85	54	9461	12.347	ug/l # 74
35) Benzene	5.79	78	48251	1.916	ug/l 99
36) 1,2-Dichloroethane	5.81	62	18564	1.966	ug/l 100
37) Trichloroethene	6.55	130	10485	1.819	ug/l 89
38) 1,2-Dichloropropane	6.81	63	13893	2.001	ug/l 98
39) Methacrylonitrile	5.01	41	8216	2.034	ug/l 98
40) Methyl acrylate	4.87	55	12563	2.412	ug/l # 93
41) Tetrahydrofuran	5.10	42	9092	4.475	ug/l 93
42) 1-Chlorobutane	5.47	56	32953	2.062	ug/l 98

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Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Jul 30 13:49:19 2020
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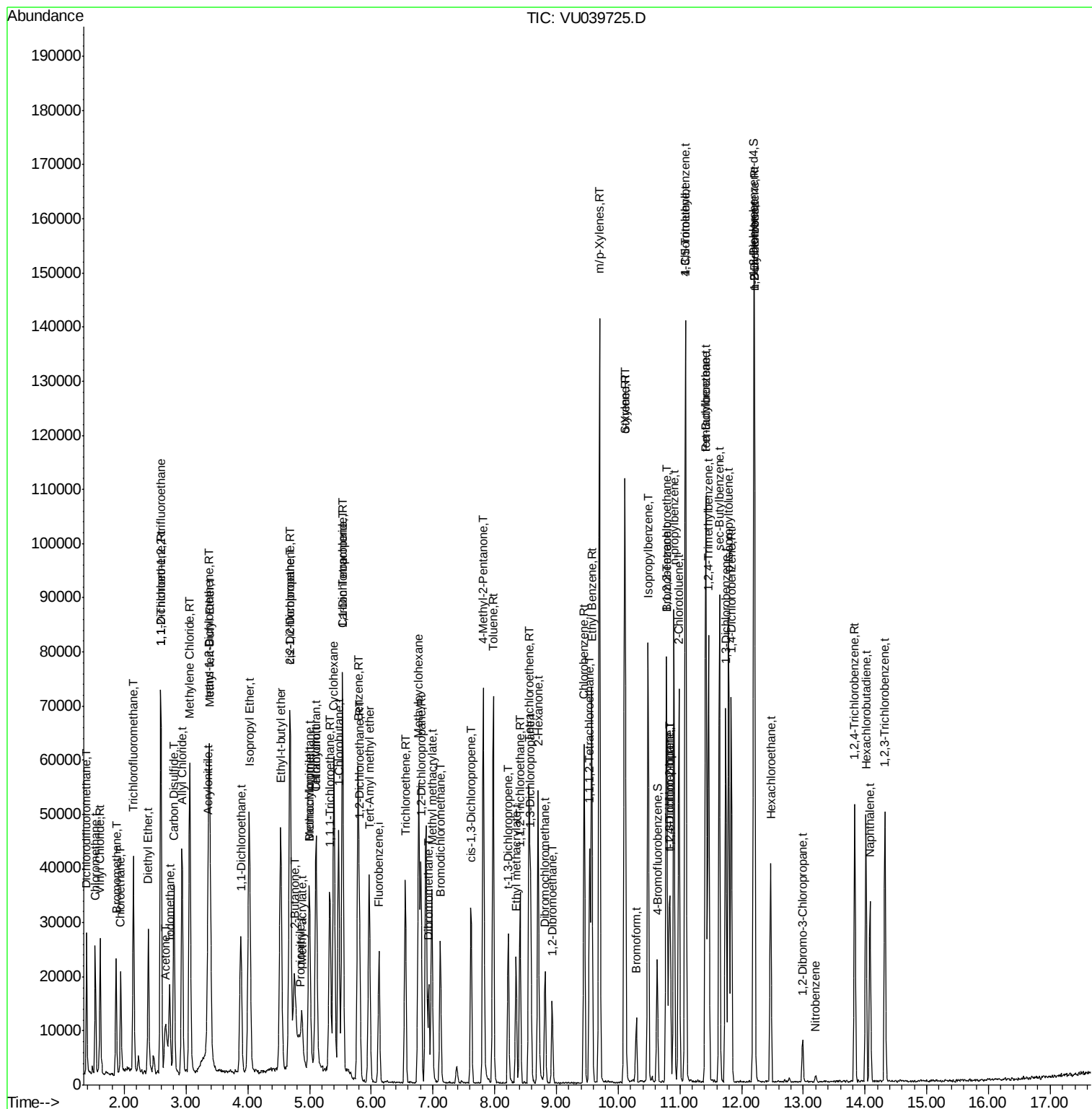
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.93	93	7496	2.007	ug/l	96
44) Bromodichloromethane	7.12	83	16049	1.874	ug/l	95
45) 4-Methyl-2-Pentanone	7.82	43	53290	9.417	ug/l	98
46) t-1,4-Dichloro-2-butene	10.83	75	16020	9.518	ug/l #	46
47) Methyl methacrylate	6.98	69	13120	3.766	ug/l	96
48) Ethyl methacrylate	8.35	69	11513	1.795	ug/l	98
49) Toluene	7.98	92	27041	1.804	ug/l	97
50) t-1,3-Dichloropropene	8.22	75	13636	1.768	ug/l	99
51) cis-1,3-Dichloropropene	7.62	75	16298	1.798	ug/l	97
52) 1,1,2-Trichloroethane	8.41	97	9377	1.932	ug/l	93
53) 1,3-Dichloropropane	8.58	76	17850	1.915	ug/l	99
54) 2-Hexanone	8.70	43	39327	9.707	ug/l	97
55) Dibromochloromethane	8.82	129	9539	1.830	ug/l	94
56) 1,2-Dibromoethane	8.93	107	9339	1.997	ug/l	97
58) Tetrachloroethene	8.56	164	9969	1.976	ug/l	96
59) Chlorobenzene	9.45	112	29824	1.924	ug/l	97
60) 1,1,1,2-Tetrachloroethane	9.54	131	9725	1.860	ug/l	99
61) Pentachloroethane	11.43	117	8213	1.788	ug/l	97
62) Hexachloroethane	12.47	117	7153	1.699	ug/l	93
63) Ethyl Benzene	9.57	91	48136	1.733	ug/l	99
64) m/p-Xylenes	9.70	106	38588	3.555	ug/l	100
65) o-Xylene	10.10	106	18604	1.805	ug/l	100
66) Styrene	10.11	104	31095	1.761	ug/l	100
67) Bromoform	10.29	173	4739	1.782	ug/l	96
69) Isopropylbenzene	10.48	105	47305	1.718	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.78	83	13853	1.983	ug/l	100
71) 1,2,3-Trichloropropane	10.83	75	16020	3.044	ug/l #	59
72) Bromobenzene	10.78	156	11112	1.777	ug/l	95
73) n-propylbenzene	10.91	120	13319	1.721	ug/l	100
74) 2-Chlorotoluene	10.99	126	11783	1.802	ug/l	97
75) 1,3,5-Trimethylbenzene	11.09	105	42022	1.766	ug/l	100
76) 4-Chlorotoluene	11.10	126	12521	1.849	ug/l	100
77) tert-Butylbenzene	11.42	119	38956	1.706	ug/l	98
78) 1,2,4-Trimethylbenzene	11.46	105	42192	1.729	ug/l	99
79) sec-Butylbenzene	11.64	105	57255	1.762	ug/l	99
80) Nitrobenzene	13.20	77	839	7.096	ug/l #	71
81) p-Isopropyltoluene	11.79	119	44338	1.693	ug/l	97
82) 1,3-Dichlorobenzene	11.74	146	23866	1.774	ug/l	96
83) 1,4-Dichlorobenzene	11.83	146	25128	1.857	ug/l	99
84) n-Butylbenzene	12.20	91	46522	1.673	ug/l	98
85) 1,2-Dichlorobenzene	12.21	146	23625	1.822	ug/l	99
86) 1,2-Dibromo-3-Chloropropan	12.99	75	2083	1.770	ug/l	97
87) 1,2,4-Trichlorobenzene	13.83	180	13818	1.704	ug/l	95
88) Hexachlorobutadiene	14.01	225	6597	1.791	ug/l	95
89) Naphthalene	14.08	128	25888	1.492	ug/l	99
90) 1,2,3-Trichlorobenzene	14.32	180	12714	1.660	ug/l	97

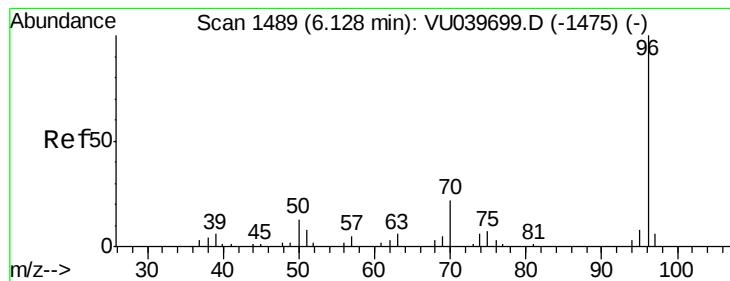
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU039725.D

Acq: 30 Jul 2020 17:29

Instrument :

MSVOA_U

ClientSampleId :

VU0730WBS01

Tgt Ion: 96 Resp: 20130

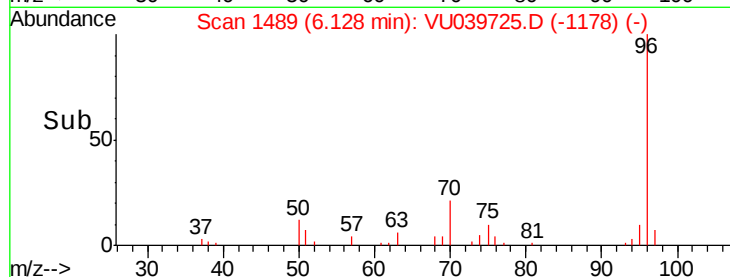
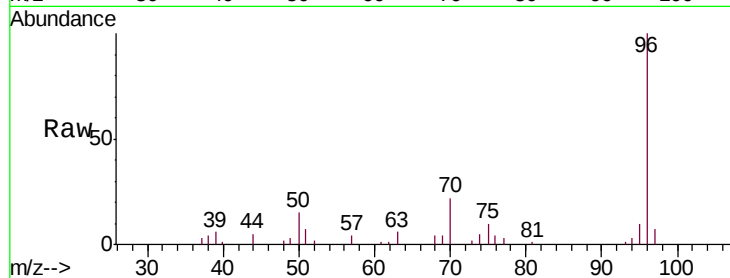
Ion Ratio Lower Upper

96 100

70 21.7 16.3 24.5

95 8.9 6.8 10.2

97 6.1 0.0 0.0#



Abundance Ion 96.00 (95.70 to 96.70): VU039699.D (-1475) (-)

Ion 70.00 (69.70 to 70.70): VU039699.D (-1475) (-)

Ion 95.00 (94.70 to 95.70): VU039699.D (-1475) (-)

Ion 97.00 (96.70 to 97.70): VU039699.D (-1475) (-)

Time-->

6.05 6.10 6.15 6.20

15000

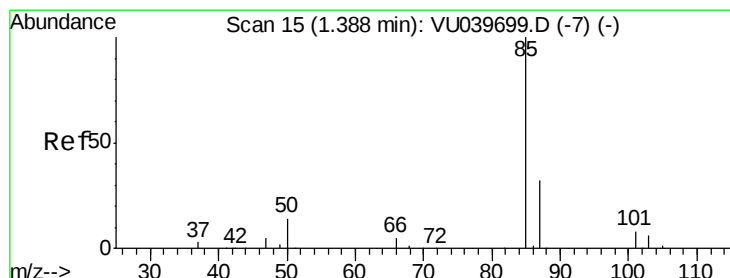
10000

5000

0

6.13

6.05 6.10 6.15 6.20



#2

Dichlorodifluoromethane

Concen: 2.053 ug/l

RT: 1.39 min Scan# 15

Delta R.T. -0.00 min

Lab File: VU039725.D

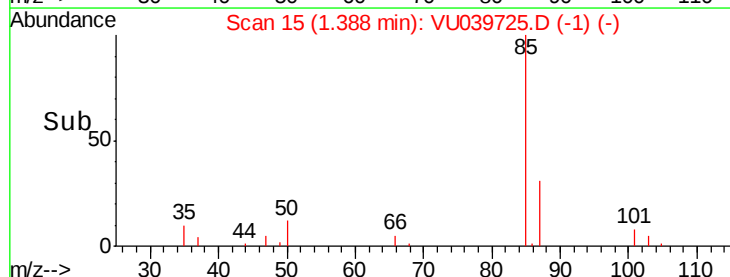
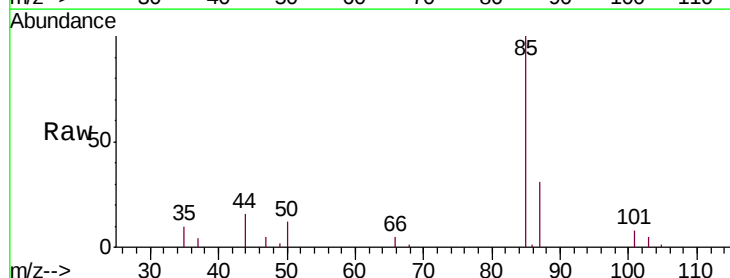
Acq: 30 Jul 2020 17:29

Tgt Ion: 85 Resp: 14361

Ion Ratio Lower Upper

85 100

87 31.5 16.2 48.6



Abundance Ion 85.00 (84.70 to 85.70): VU039699.D (-7) (-)

Ion 87.00 (86.70 to 87.70): VU039699.D (-7) (-)

Time-->

1.35 1.40 1.45

15000

10000

5000

0

1.39

1.35 1.40 1.45



#3

Chloromethane

Concen: 2.141 ug/l

RT: 1.53 min Scan# 59

Delta R.T. -0.00 min

Lab File: VU039725.D

Acq: 30 Jul 2020 17:29

Instrument :

MSVOA_U

ClientSampleId :

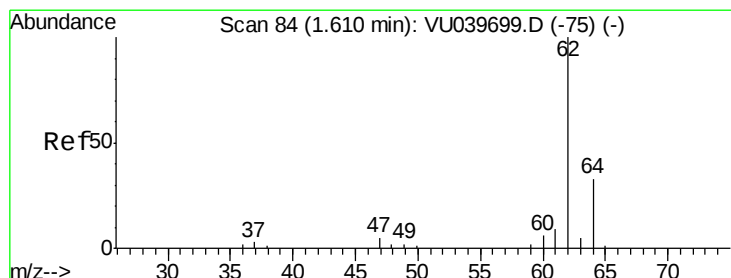
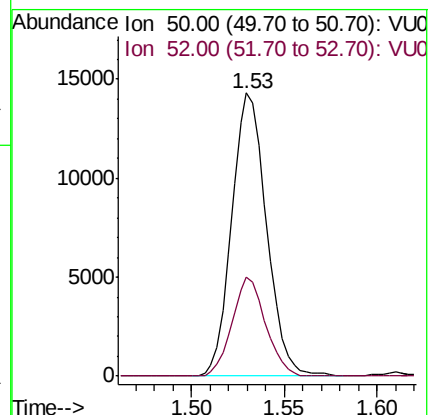
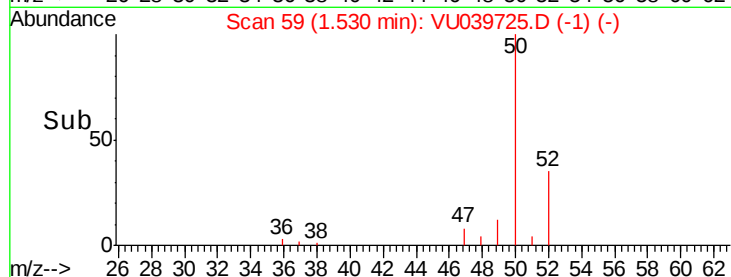
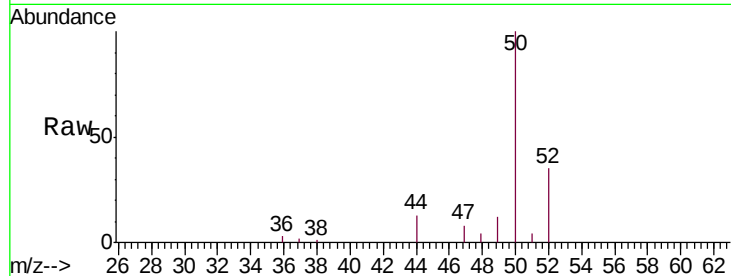
VU0730WBS01

Tgt Ion: 50 Resp: 18605

Ion Ratio Lower Upper

50 100

52 34.8 26.0 39.0



#4

Vinyl Chloride

Concen: 2.079 ug/l

RT: 1.61 min Scan# 84

Delta R.T. -0.00 min

Lab File: VU039725.D

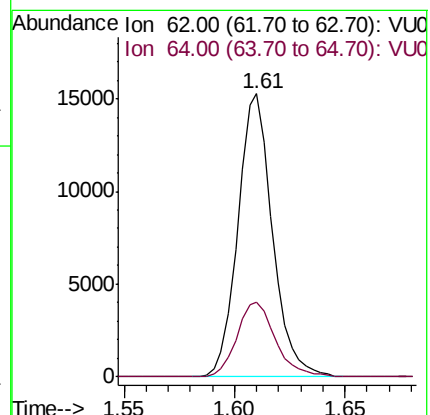
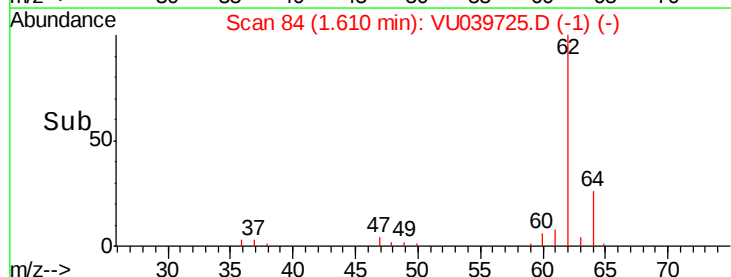
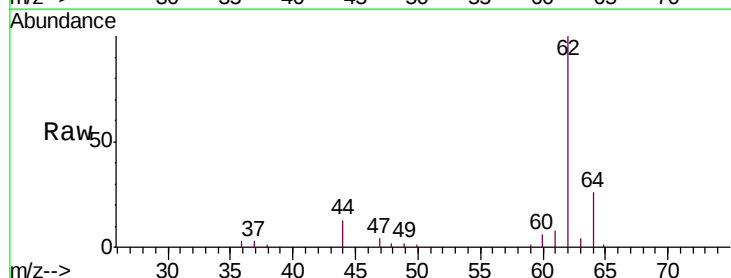
Acq: 30 Jul 2020 17:29

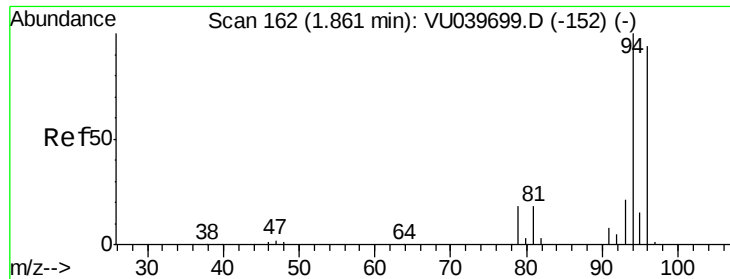
Tgt Ion: 62 Resp: 16646

Ion Ratio Lower Upper

62 100

64 26.4 26.0 39.0





#5

Bromomethane

Concen: 1.851 ug/l

RT: 1.87 min Scan# 164

Delta R.T. 0.01 min

Lab File: VU039725.D

Acq: 30 Jul 2020 17:29

Instrument :

MSVOA_U

ClientSampleId :

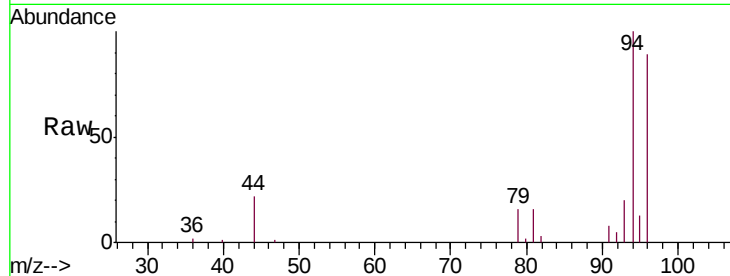
VU0730WBS01

Tgt Ion: 94 Resp: 10139

Ion Ratio Lower Upper

94 100

96 88.8 75.0 112.6



Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0

8000

6000

4000

2000

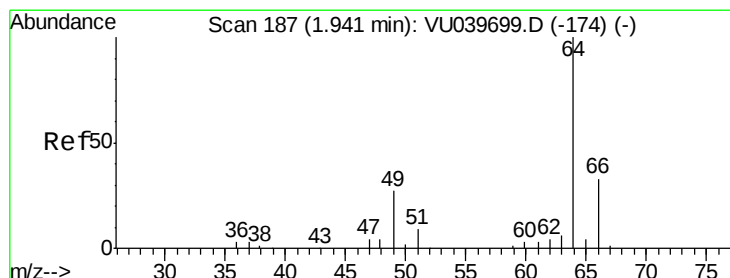
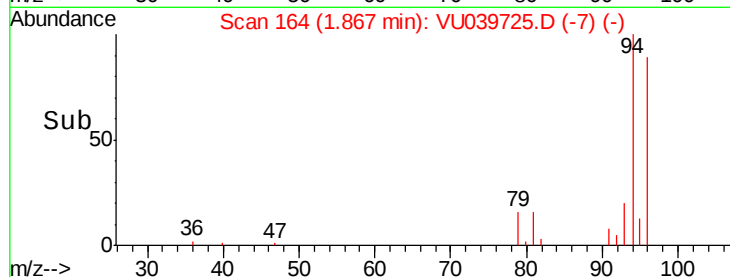
0

1.85

1.87

1.90

Time-->



#6

Chloroethane

Concen: 2.177 ug/l

RT: 1.94 min Scan# 187

Delta R.T. -0.00 min

Lab File: VU039725.D

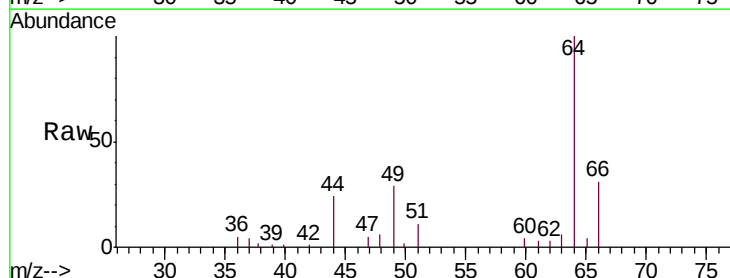
Acq: 30 Jul 2020 17:29

Tgt Ion: 64 Resp: 12094

Ion Ratio Lower Upper

64 100

66 30.7 26.2 39.2



Abundance Ion 64.00 (63.70 to 64.70): VU0

Ion 66.00 (65.70 to 66.70): VU0

10000

8000

6000

4000

2000

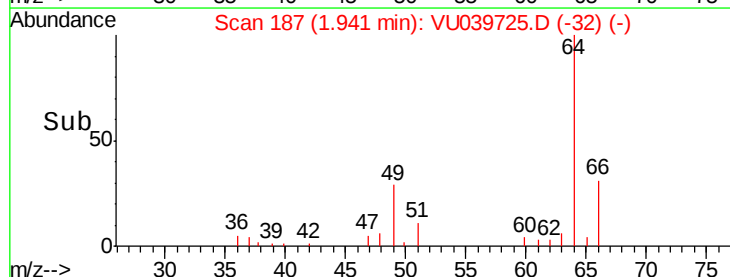
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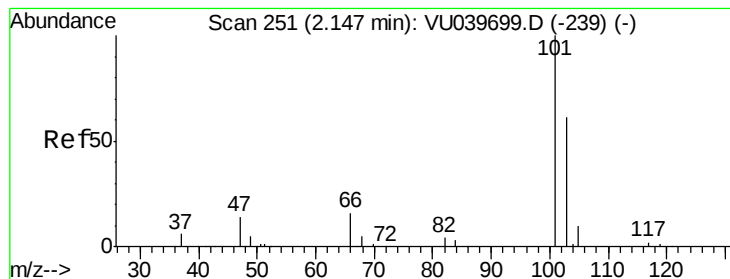
1.90

1.94

2.00

Time-->



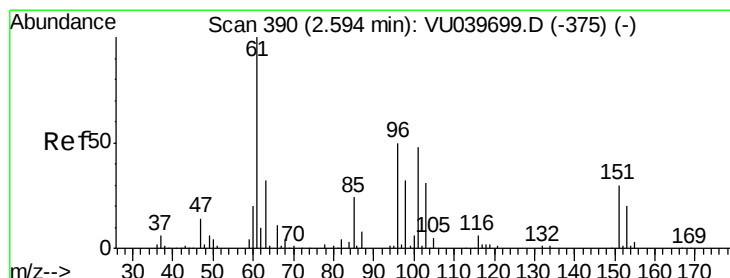
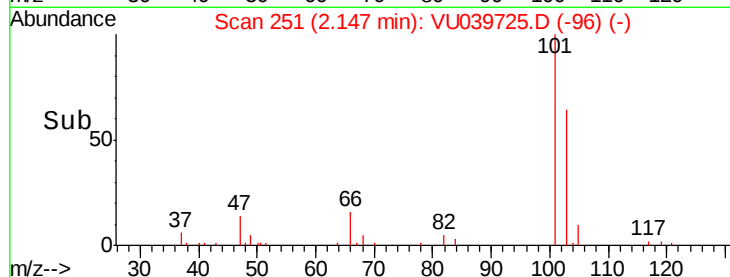
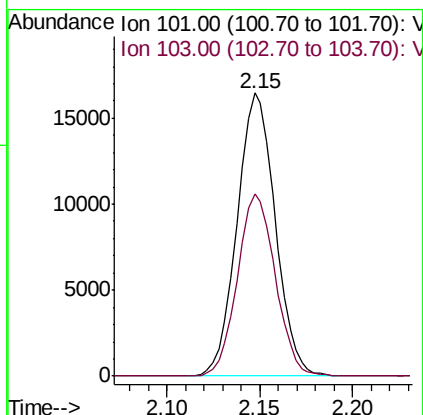
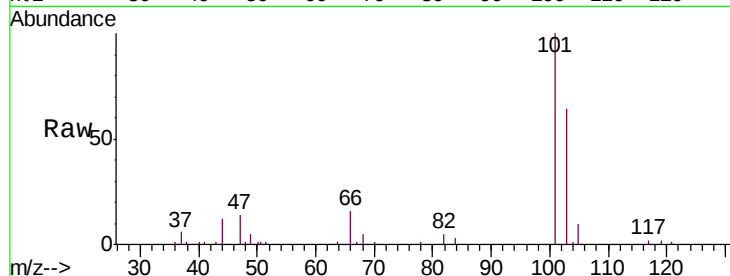


#7

Trichlorofluoromethane
 Concen: 2.221 ug/l
 RT: 2.15 min Scan# 251
 Delta R.T. -0.00 min
 Lab File: VU039725.D
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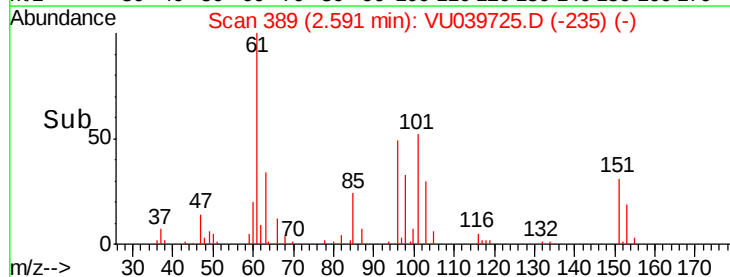
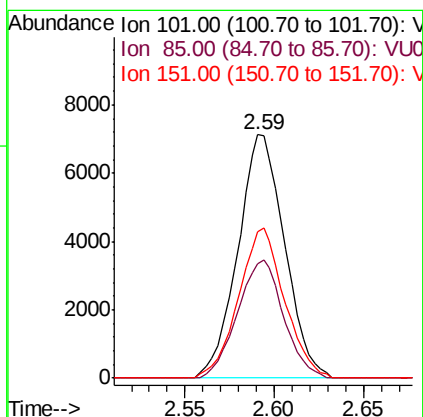
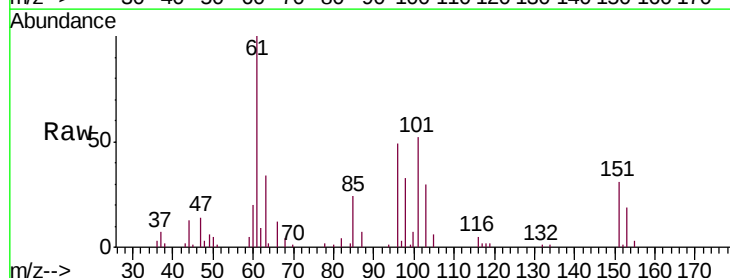
Tgt Ion:101 Resp: 23529
 Ion Ratio Lower Upper
 101 100
 103 64.2 48.8 73.2

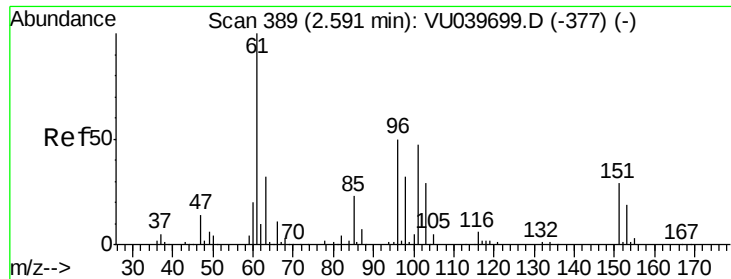


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 2.134 ug/l
 RT: 2.59 min Scan# 389
 Delta R.T. -0.00 min
 Lab File: VU039725.D
 Acq: 30 Jul 2020 17:29

Tgt Ion:101 Resp: 12970
 Ion Ratio Lower Upper
 101 100
 85 47.5 39.9 59.9
 151 60.6 51.0 76.4





#9

1,1-Dichloroethene

Concen: 1.968 ug/l

RT: 2.59 min Scan# 389

Delta R.T. -0.00 min

Lab File: VU039725.D

Acq: 30 Jul 2020 17:29

Instrument :

MSVOA_U

ClientSampleId :

VU0730WBS01

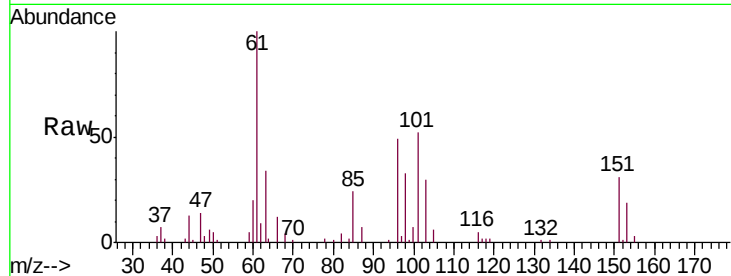
Tgt Ion: 96 Resp: 11005

Ion Ratio Lower Upper

96 100

61 202.9 0.0 604.5

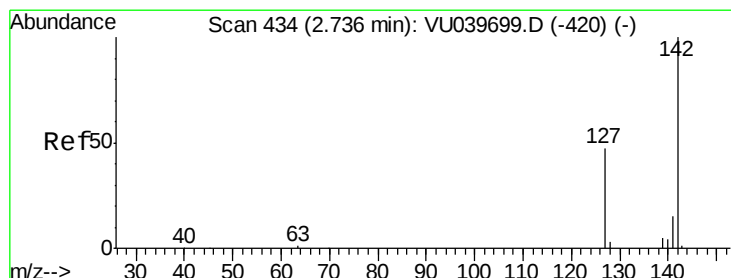
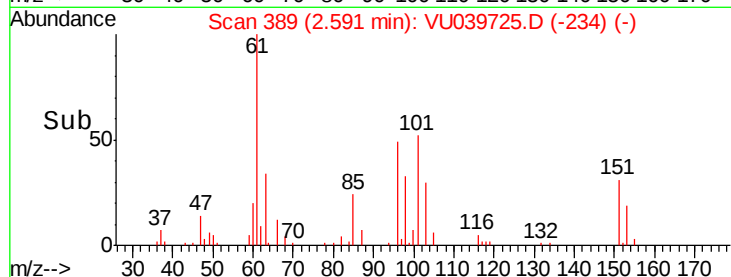
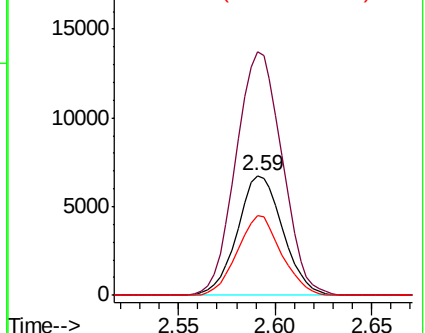
98 66.1 0.0 127.2



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0



#10

Iodomethane

Concen: 2.500 ug/l

RT: 2.74 min Scan# 434

Delta R.T. -0.00 min

Lab File: VU039725.D

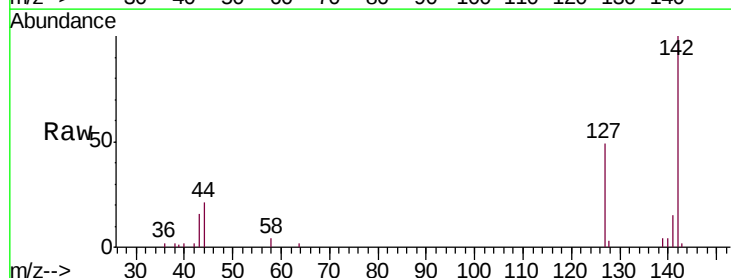
Acq: 30 Jul 2020 17:29

Tgt Ion:142 Resp: 14104

Ion Ratio Lower Upper

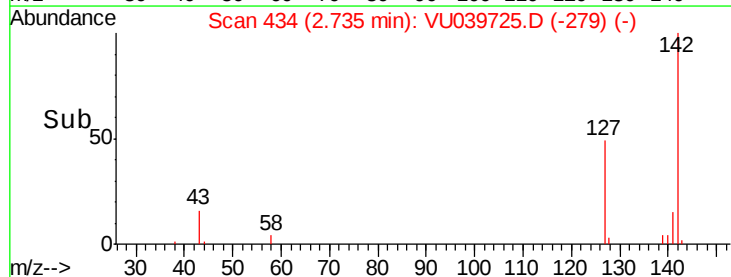
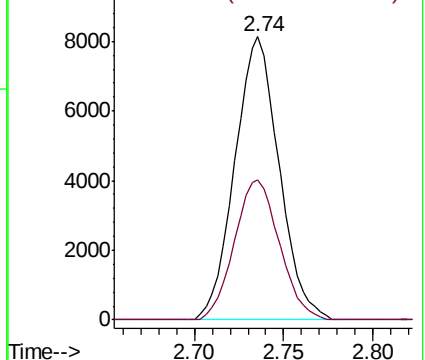
142 100

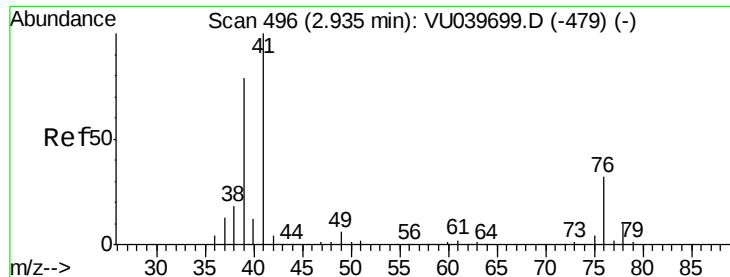
127 50.3 38.4 57.6



Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V





#11

Allyl Chloride

Concen: 2.070 ug/l

RT: 2.93 min Scan# 496

Delta R.T. -0.00 min

Lab File: VU039725.D

Acq: 30 Jul 2020 17:29

Instrument :

MSVOA_U

ClientSampleId :

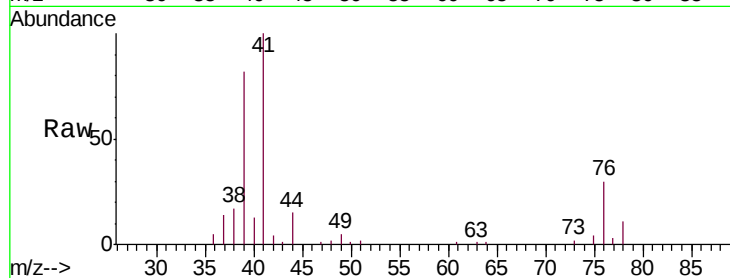
VU0730WBS01

Tgt Ion: 41 Resp: 24970

Ion Ratio Lower Upper

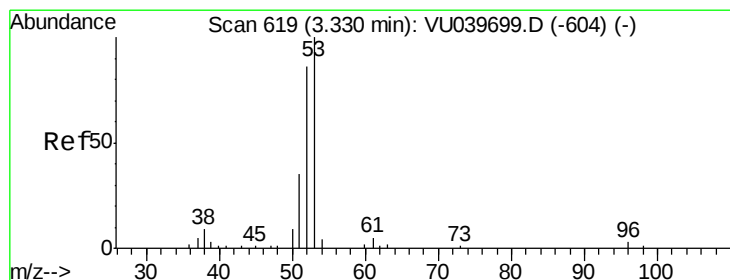
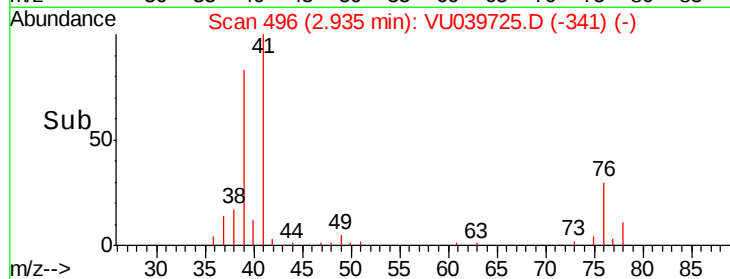
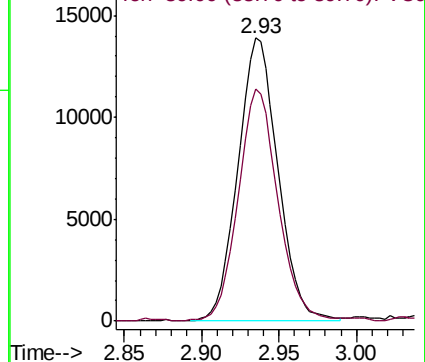
41 100

39 81.5 64.2 96.2



Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0



#12

Acrylonitrile

Concen: 4.784 ug/l

RT: 3.35 min Scan# 624

Delta R.T. 0.02 min

Lab File: VU039725.D

Acq: 30 Jul 2020 17:29

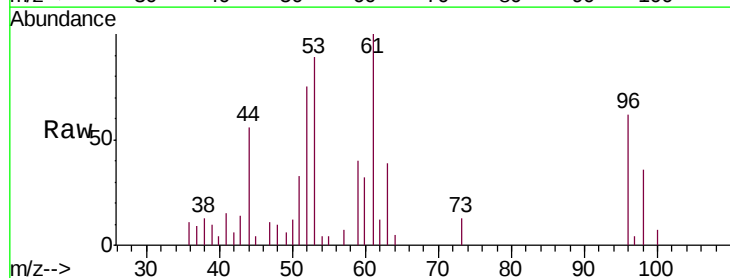
Tgt Ion: 53 Resp: 9392

Ion Ratio Lower Upper

53 100

52 79.0 69.1 103.7

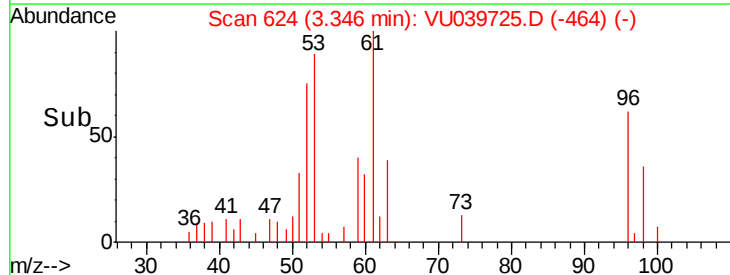
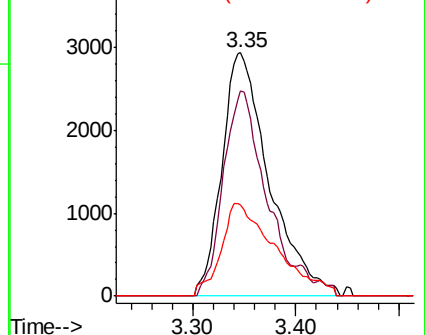
51 43.5 29.4 44.2



Abundance Ion 53.00 (52.70 to 53.70): VU0

Ion 52.00 (51.70 to 52.70): VU0

Ion 51.00 (50.70 to 51.70): VU0





#13

Acetone

Concen: 12.347 ug/l

RT: 2.66 min Scan# 412

Delta R.T. 0.03 min

Lab File: VU039725.D

Acq: 30 Jul 2020 17:29

Instrument :

MSVOA_U

ClientSampleId :

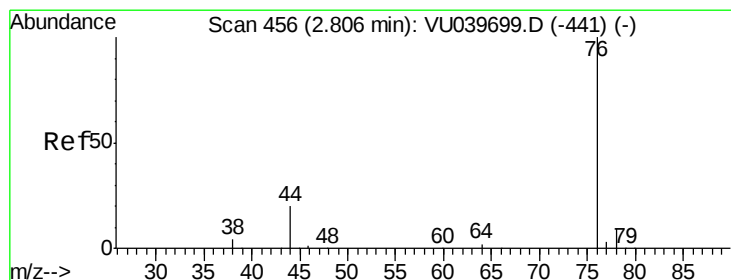
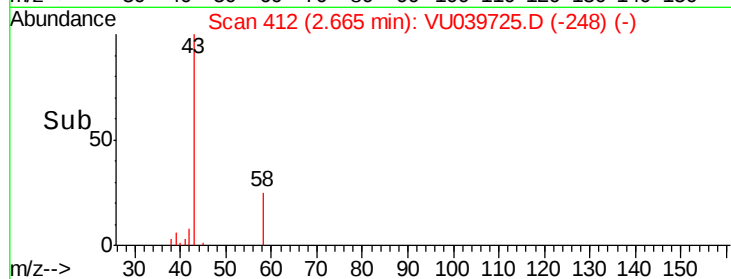
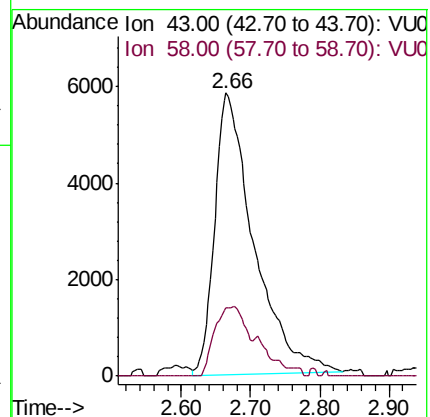
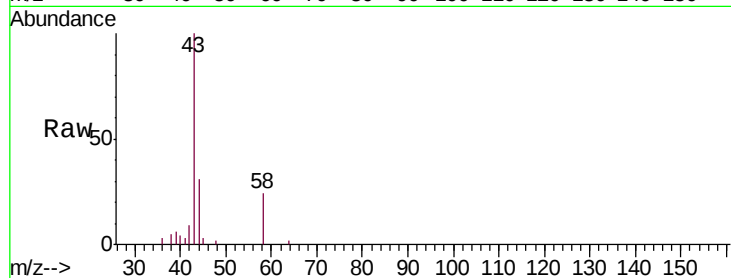
VU0730WBS01

Tgt Ion: 43 Resp: 22808

Ion Ratio Lower Upper

43 100

58 24.7 21.8 32.6



#14

Carbon Disulfide

Concen: 1.981 ug/l

RT: 2.80 min Scan# 455

Delta R.T. -0.00 min

Lab File: VU039725.D

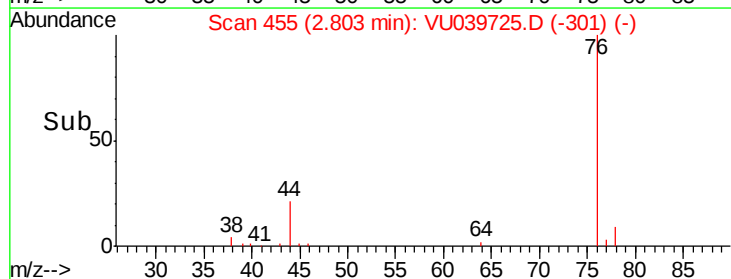
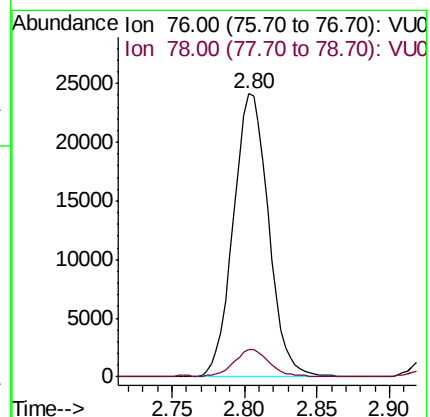
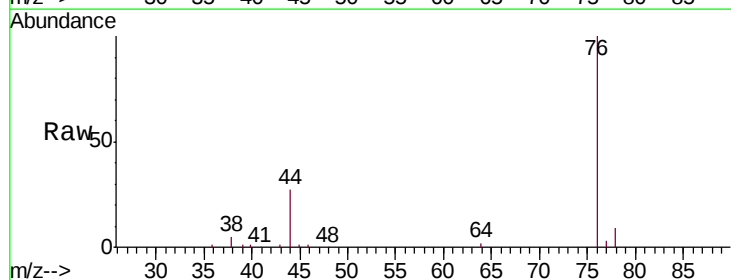
Acq: 30 Jul 2020 17:29

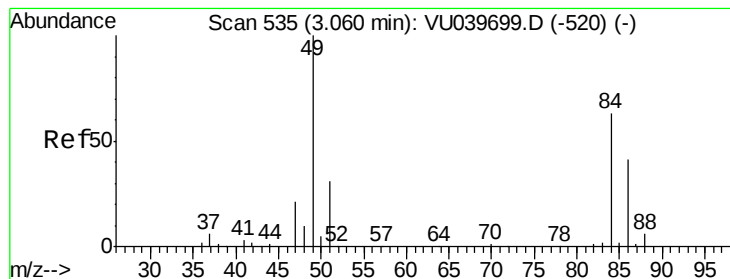
Tgt Ion: 76 Resp: 40625

Ion Ratio Lower Upper

76 100

78 9.5 7.0 10.6





#15

Methylene Chloride

Concen: 2.992 ug/l

RT: 3.06 min Scan# 535

Delta R.T. -0.00 min

Lab File: VU039725.D

Acq: 30 Jul 2020 17:29

Instrument :

MSVOA_U

ClientSampleId :

VU0730WBS01

Tgt Ion: 84 Resp: 23326

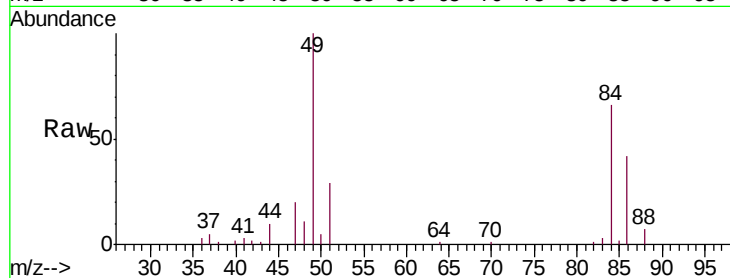
Ion Ratio Lower Upper

84 100

49 151.9 126.8 190.2

51 43.8 0.0 97.2

86 63.3 51.4 77.2



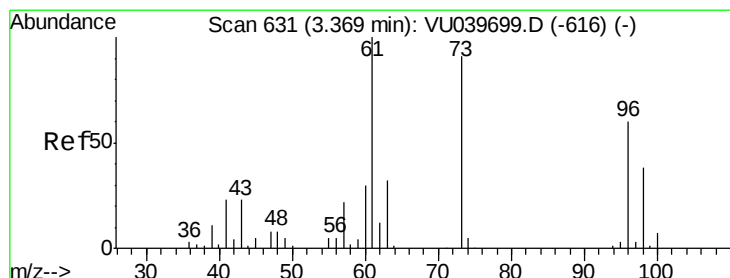
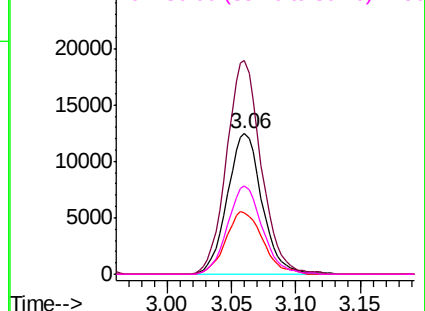
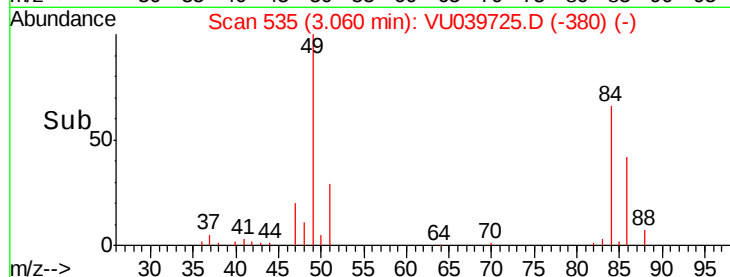
Abundance

Ion 84.00 (83.70 to 84.70): VU0

Ion 49.00 (48.70 to 49.70): VU0

Ion 51.00 (50.70 to 51.70): VU0

Ion 86.00 (85.70 to 86.70): VU0



#16

trans-1,2-Dichloroethene

Concen: 2.091 ug/l

RT: 3.37 min Scan# 630

Delta R.T. -0.00 min

Lab File: VU039725.D

Acq: 30 Jul 2020 17:29

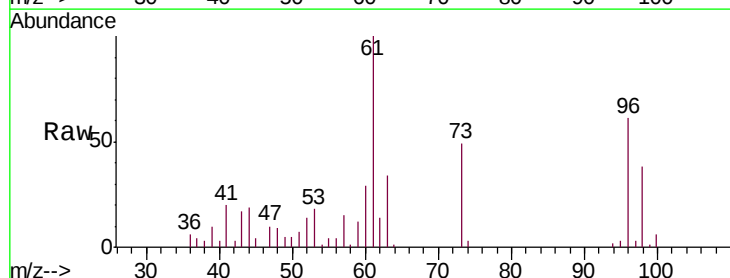
Tgt Ion: 96 Resp: 13297

Ion Ratio Lower Upper

96 100

61 164.8 132.6 199.0

98 62.3 50.2 75.2

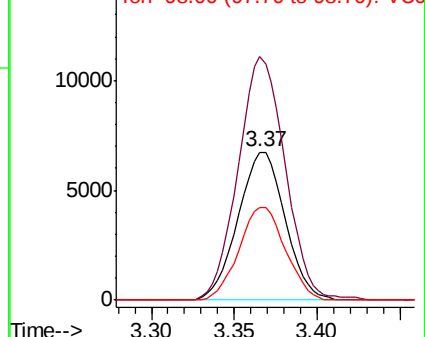
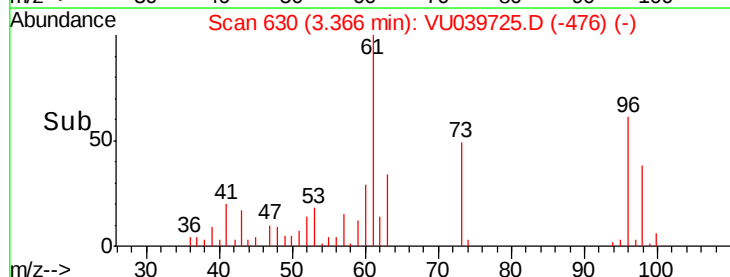


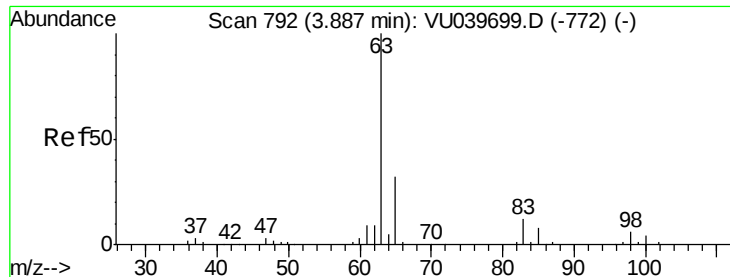
Abundance

Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

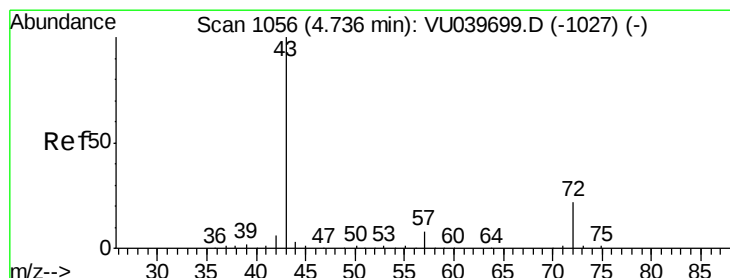
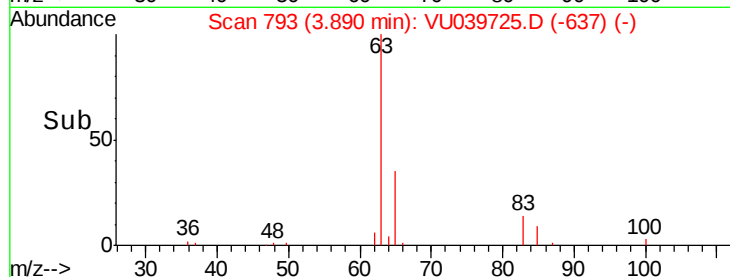
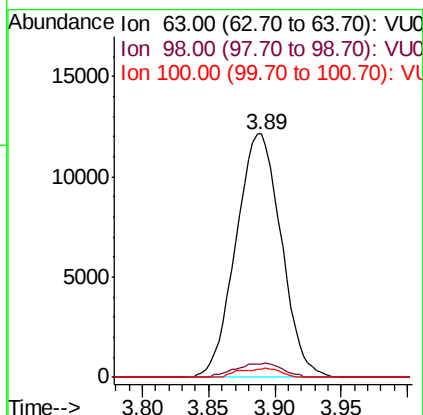
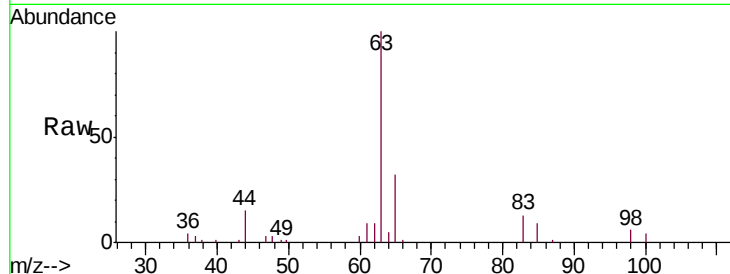




#17
 1,1-Dichloroethane
 Concen: 2.060 ug/l
 RT: 3.89 min Scan# 793
 Delta R.T. 0.00 min
 Lab File: VU039725.D
 Acq: 30 Jul 2020 17:29

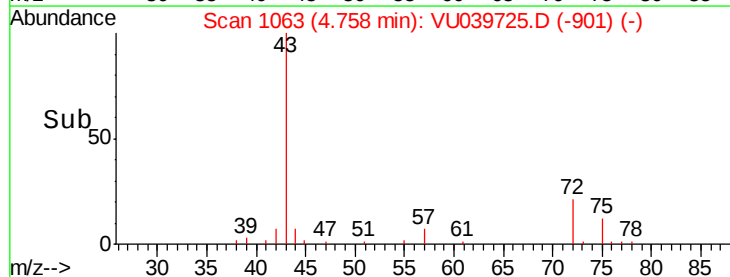
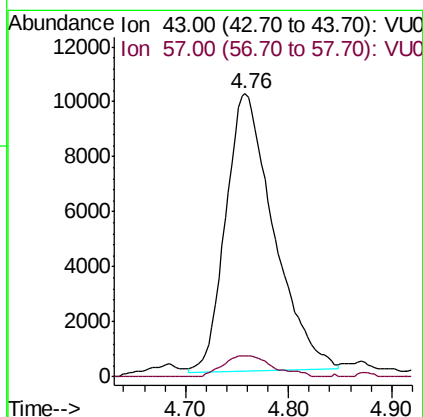
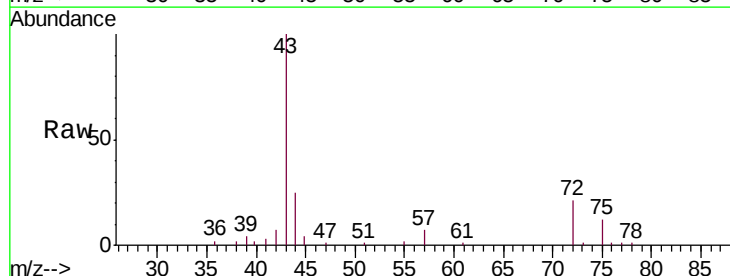
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0730WBS01

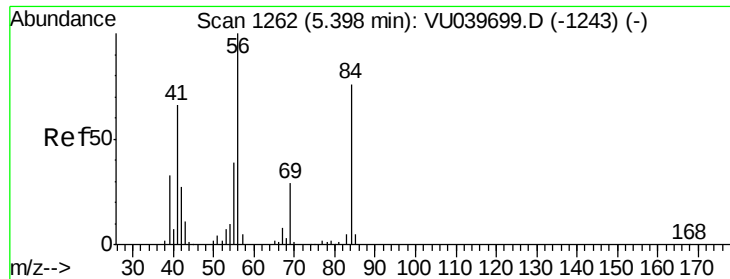
Tgt Ion:	63	Resp:	28767
Ion	Ratio	Lower	Upper
63	100		
98	5.6	2.9	8.7
100	3.6	2.0	6.0



#18
 2-Butanone
 Concen: 10.545 ug/l
 RT: 4.76 min Scan# 1063
 Delta R.T. 0.02 min
 Lab File: VU039725.D
 Acq: 30 Jul 2020 17:29

Tgt Ion:	43	Resp:	32757
Ion	Ratio	Lower	Upper
43	100		
57	7.4	0.0	15.2

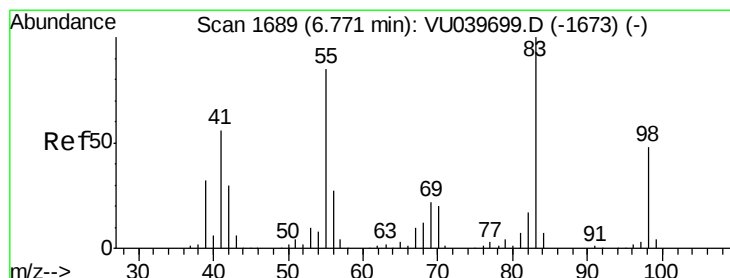
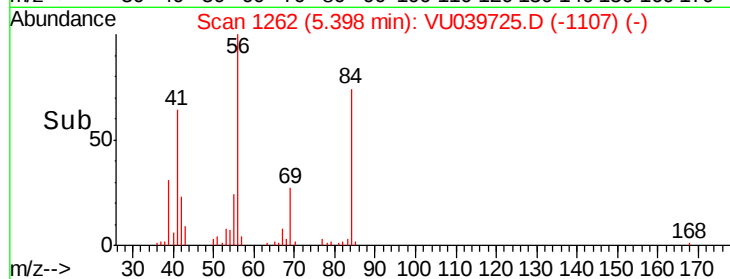
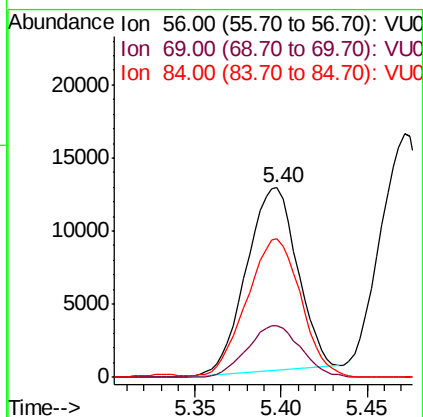
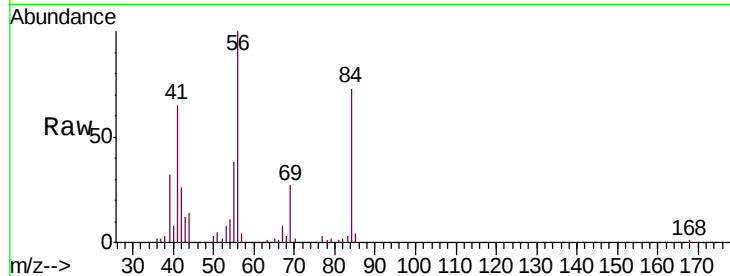




#19
Cyclohexane
Concen: 1.906 ug/l
RT: 5.40 min Scan# 1262
Delta R.T. -0.00 min
Lab File: VU039725.D
Acq: 30 Jul 2020 17:29

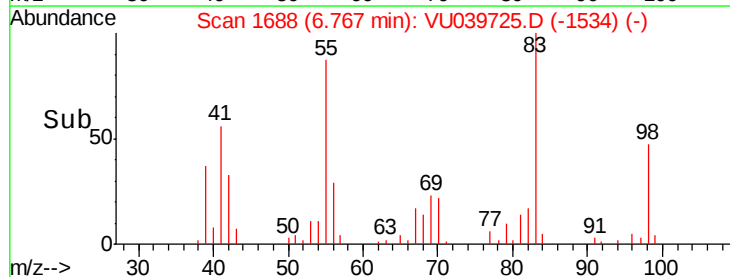
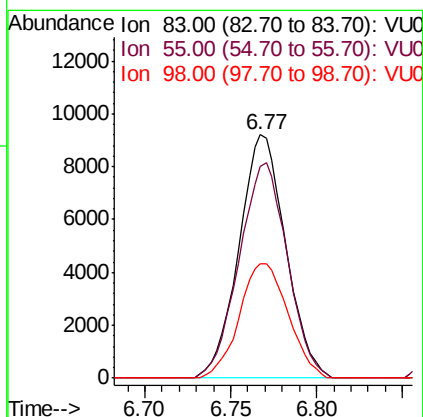
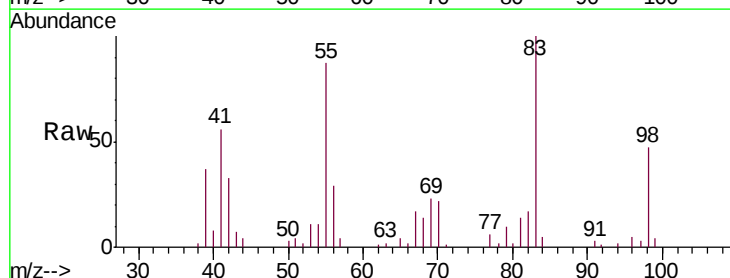
Instrument :
MSVOA_U
ClientSampleId :
VU0730WBS01

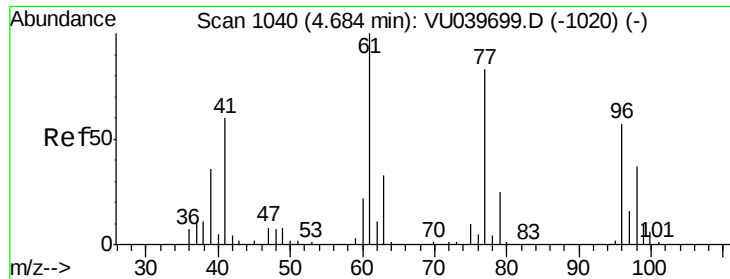
Tgt Ion: 56 Resp: 25759
Ion Ratio Lower Upper
56 100
69 29.8 22.8 34.2
84 79.1 59.9 89.9



#20
Methylcyclohexane
Concen: 1.734 ug/l
RT: 6.77 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VU039725.D
Acq: 30 Jul 2020 17:29

Tgt Ion: 83 Resp: 17364
Ion Ratio Lower Upper
83 100
55 91.0 67.6 101.4
98 49.1 37.3 55.9

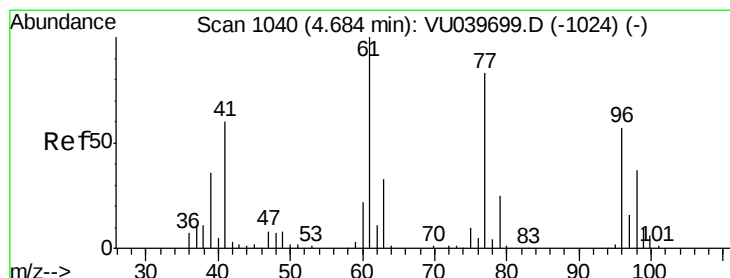
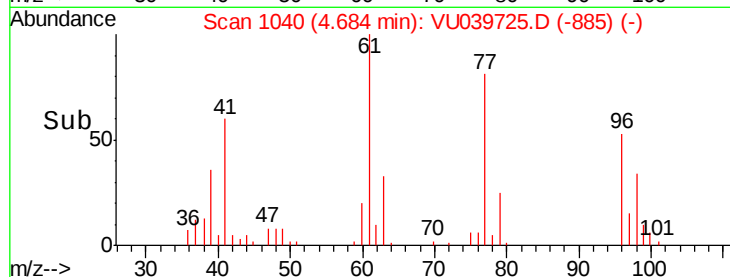
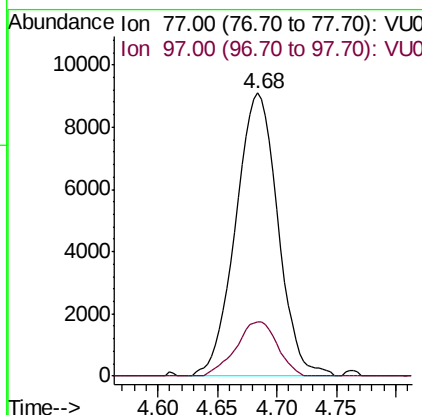
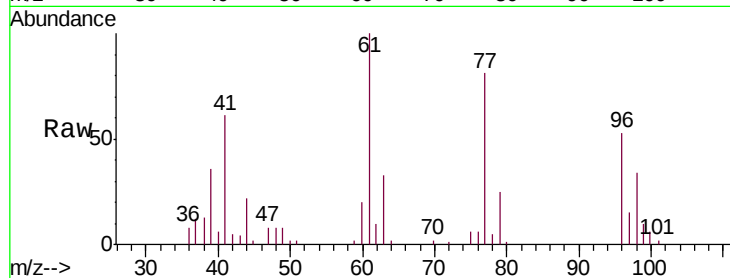




#21
 2,2-Dichloropropane
 Concen: 1.962 ug/l
 RT: 4.68 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: VU039725.D
 Acq: 30 Jul 2020 17:29

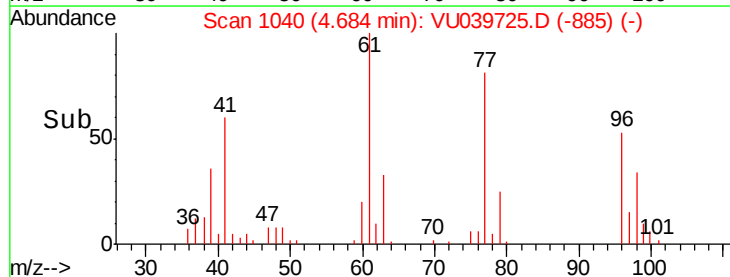
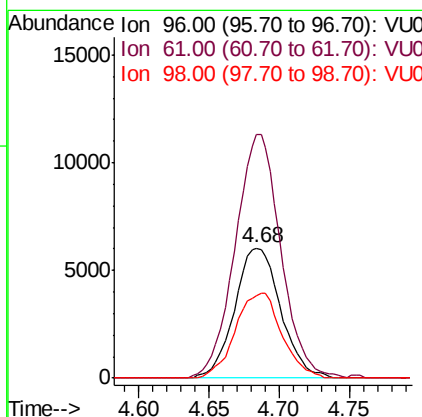
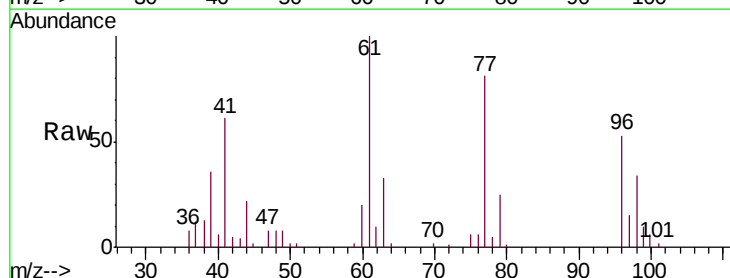
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0730WBS01

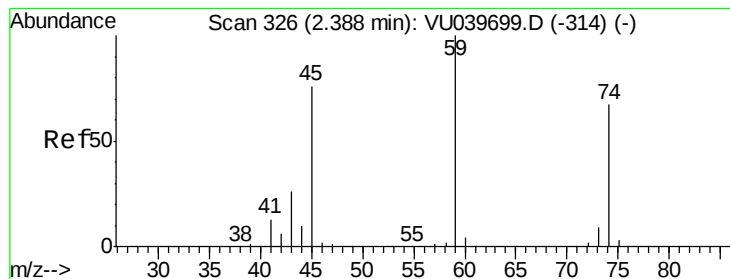
Tgt Ion: 77 Resp: 22349
 Ion Ratio Lower Upper
 77 100
 97 18.9 15.2 22.8



#22
 cis-1,2-Dichloroethene
 Concen: 2.008 ug/l
 RT: 4.68 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: VU039725.D
 Acq: 30 Jul 2020 17:29

Tgt Ion: 96 Resp: 13766
 Ion Ratio Lower Upper
 96 100
 61 185.8 0.0 451.3
 98 66.2 32.6 98.0





#23

Diethyl Ether

Concen: 2.224 ug/l

RT: 2.39 min Scan# 326

Delta R.T. -0.00 min

Lab File: VU039725.D

Acq: 30 Jul 2020 17:29

Instrument :

MSVOA_U

ClientSampleId :

VU0730WBS01

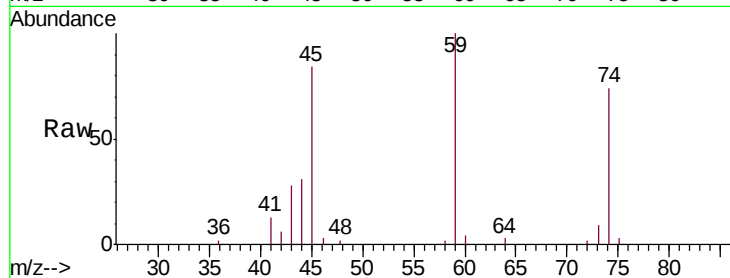
Tgt Ion: 59 Resp: 12720

Ion Ratio Lower Upper

59 100

45 81.6 61.5 92.3

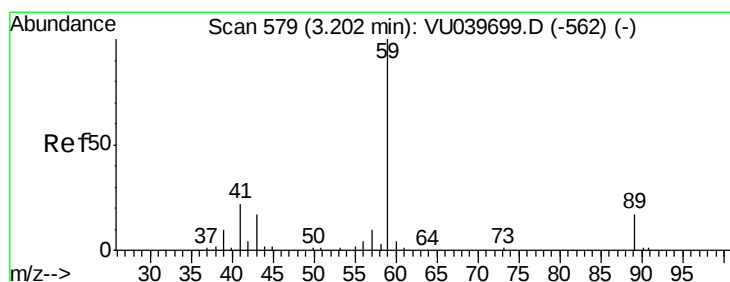
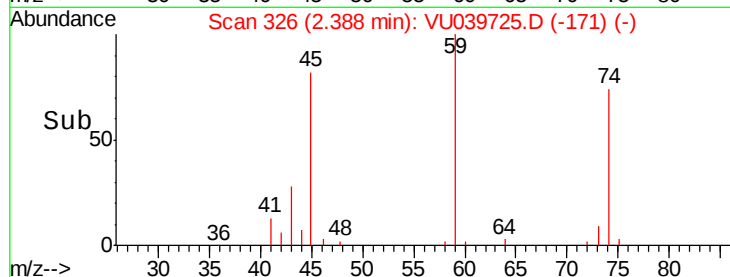
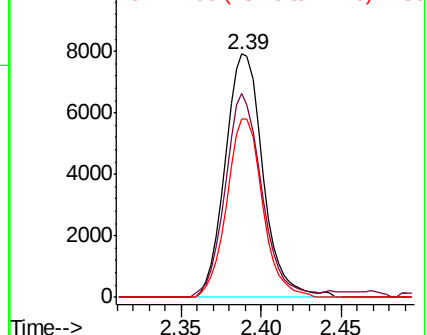
74 69.3 54.3 81.5



Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 45.00 (44.70 to 45.70): VU0

Ion 74.00 (73.70 to 74.70): VU0



#24

tert-Butyl Alcohol

Concen: Below Cal

RT: 3.20 min Scan# 580

Delta R.T. 0.00 min

Lab File: VU039725.D

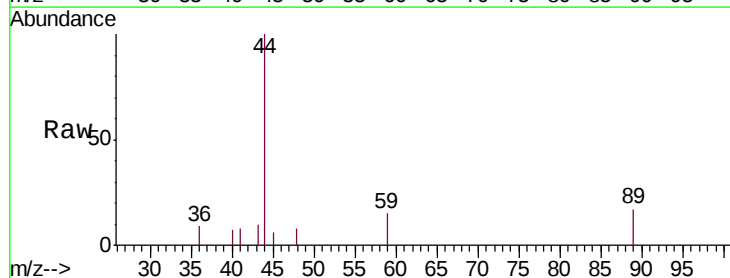
Acq: 30 Jul 2020 17:29

Tgt Ion: 59 Resp: 364

Ion Ratio Lower Upper

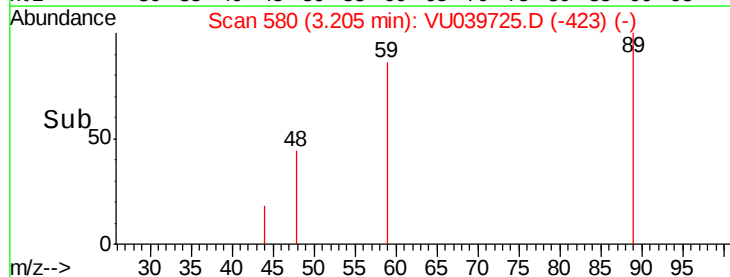
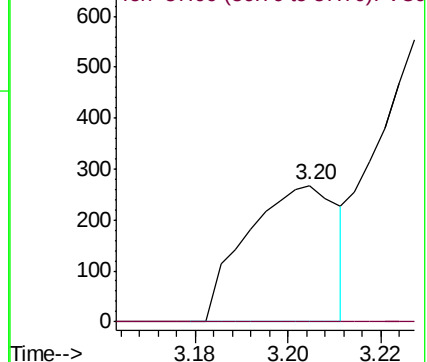
59 100

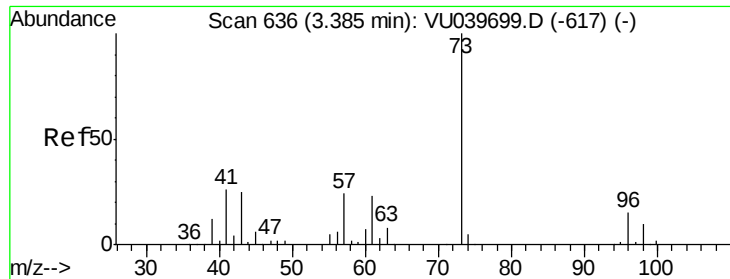
57 0.0 7.8 11.6#



Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

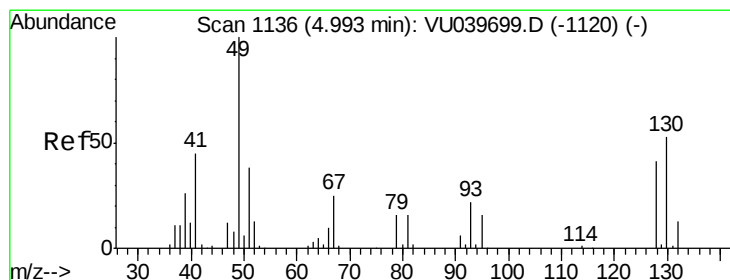
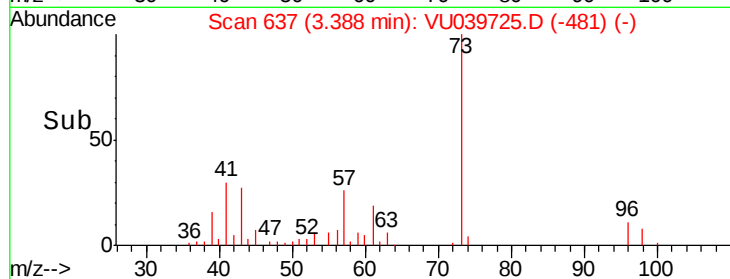
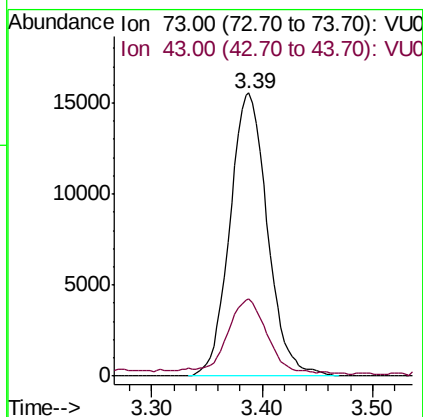
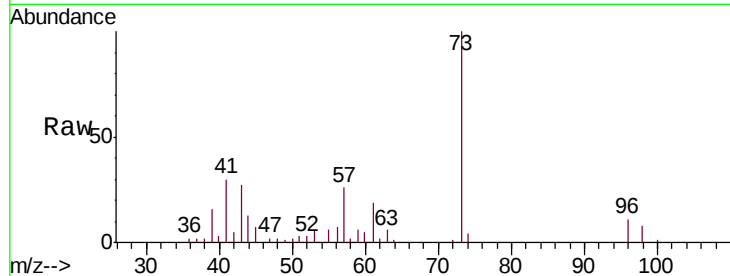




#25
Methyl tert-Butyl Ether
Concen: 2.011 ug/l
RT: 3.39 min Scan# 637
Delta R.T. 0.00 min
Lab File: VU039725.D
Acq: 30 Jul 2020 17:29

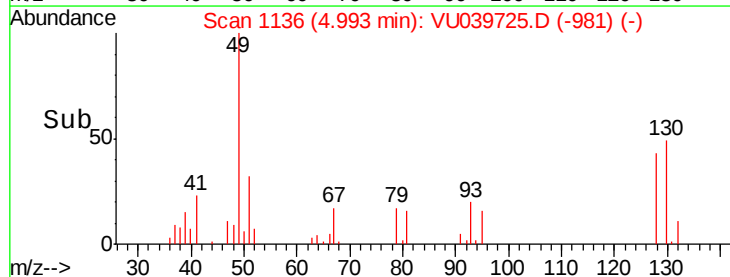
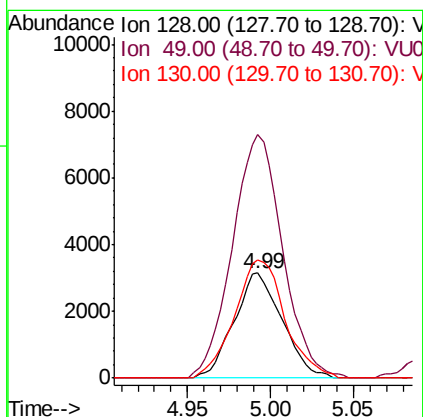
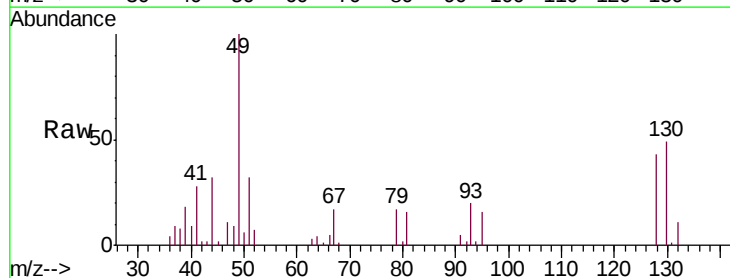
Instrument :
MSVOA_U
ClientSampleId :
VU0730WBS01

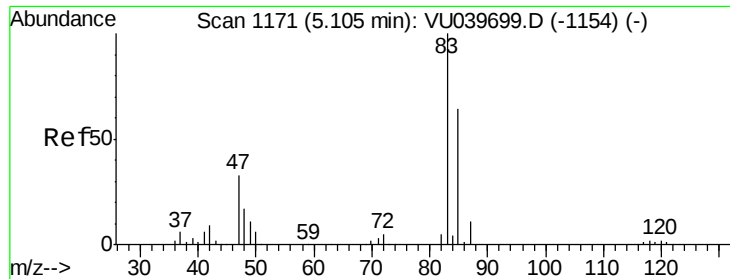
Tgt Ion: 73 Resp: 36703
Ion Ratio Lower Upper
73 100
43 26.2 20.1 30.1



#26
Bromochloromethane
Concen: 2.263 ug/l
RT: 4.99 min Scan# 1136
Delta R.T. -0.00 min
Lab File: VU039725.D
Acq: 30 Jul 2020 17:29

Tgt Ion: 128 Resp: 6347
Ion Ratio Lower Upper
128 100
49 242.0 0.0 503.8
130 118.5 102.7 154.1

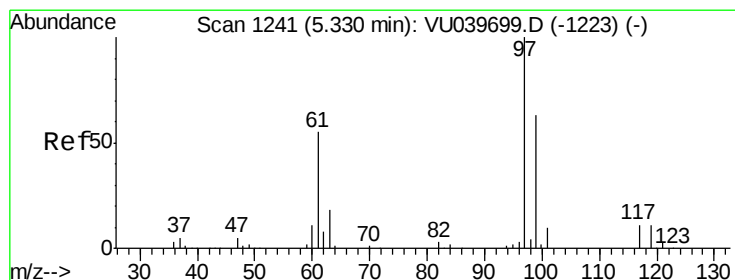
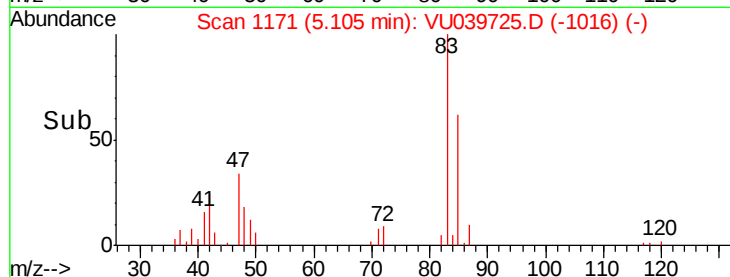
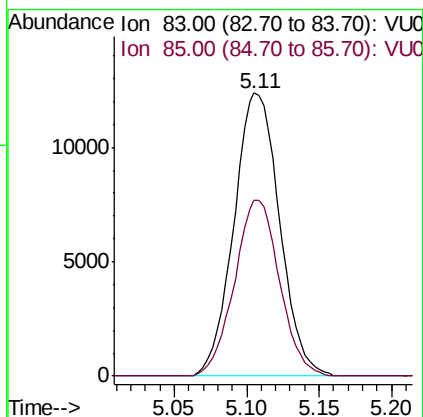
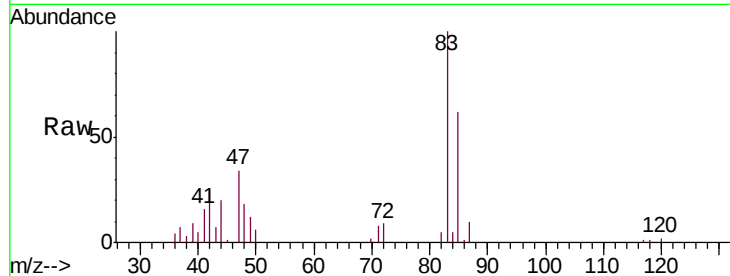




#27
Chloroform
Concen: 2.077 ug/l
RT: 5.11 min Scan# 1171
Delta R.T. -0.00 min
Lab File: VU039725.D
Acq: 30 Jul 2020 17:29

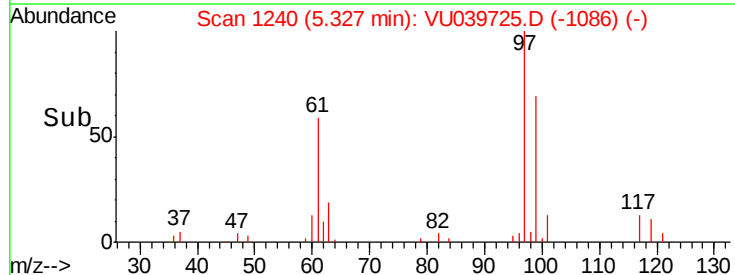
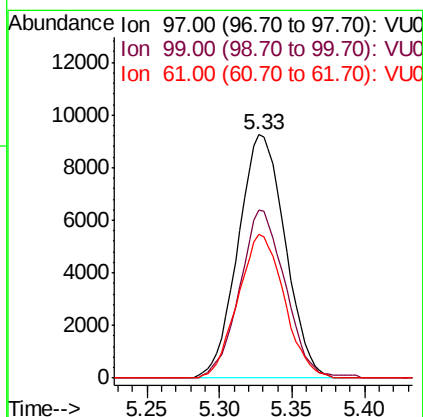
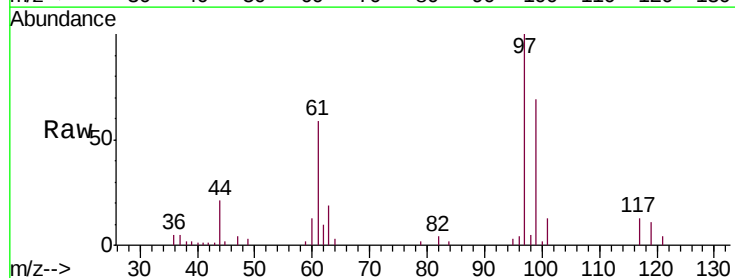
Instrument :
MSVOA_U
ClientSampleId :
VU0730WBS01

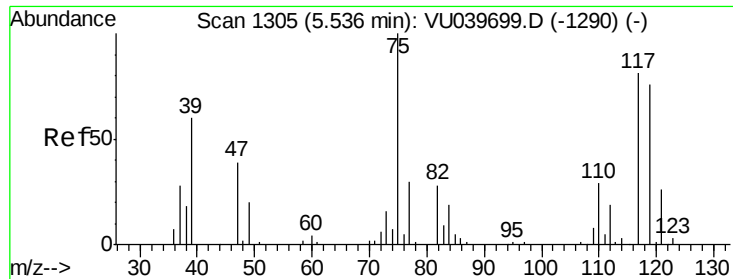
Tgt Ion: 83 Resp: 27143
Ion Ratio Lower Upper
83 100
85 62.0 0.0 128.8



#28
1,1,1-Trichloroethane
Concen: 1.974 ug/l
RT: 5.33 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VU039725.D
Acq: 30 Jul 2020 17:29

Tgt Ion: 97 Resp: 20872
Ion Ratio Lower Upper
97 100
99 66.5 32.2 96.6
61 58.0 28.3 85.0





#29

1,1-Dichloropropene

Concen: 2.038 ug/l

RT: 5.54 min Scan# 1305

Delta R.T. -0.00 min

Lab File: VU039725.D

Acq: 30 Jul 2020 17:29

Instrument :

MSVOA_U

ClientSampleId :

VU0730WBS01

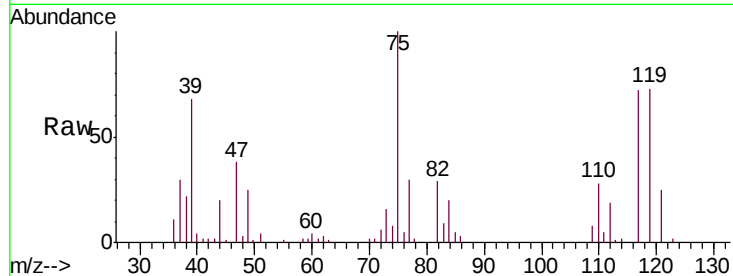
Tgt Ion: 75 Resp: 20752

Ion Ratio Lower Upper

75 100

110 29.9 14.6 44.0

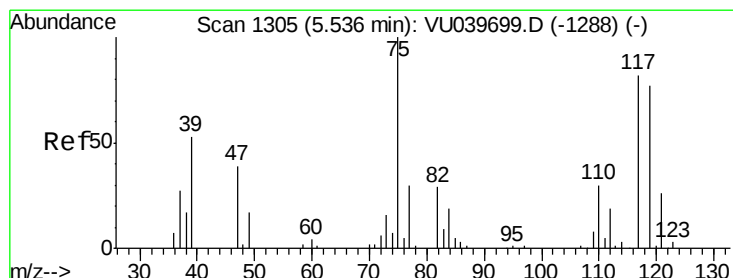
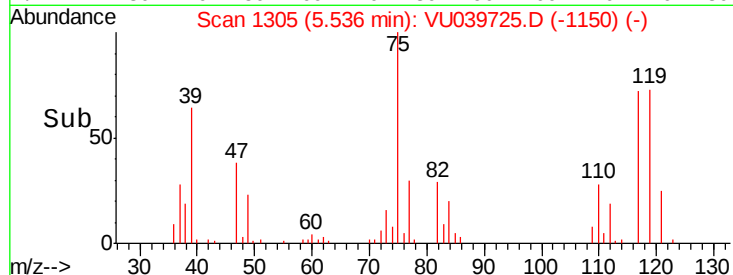
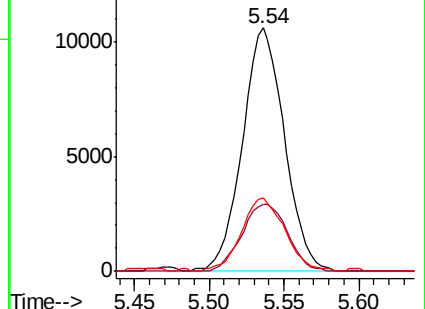
77 31.3 25.0 37.4



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: 1.977 ug/l

RT: 5.53 min Scan# 1304

Delta R.T. -0.00 min

Lab File: VU039725.D

Acq: 30 Jul 2020 17:29

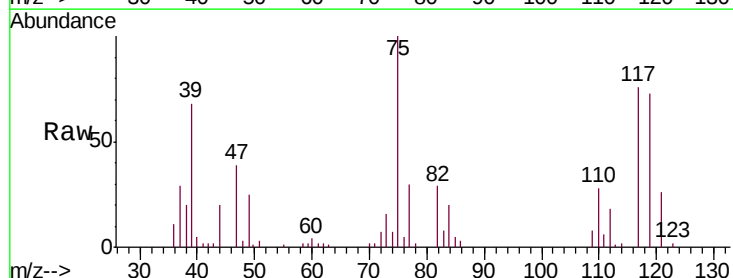
Tgt Ion: 117 Resp: 17096

Ion Ratio Lower Upper

117 100

119 96.8 75.2 112.8

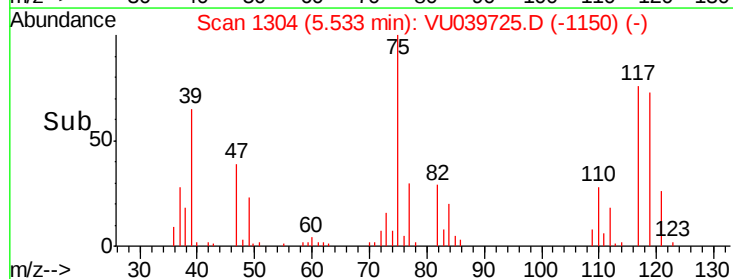
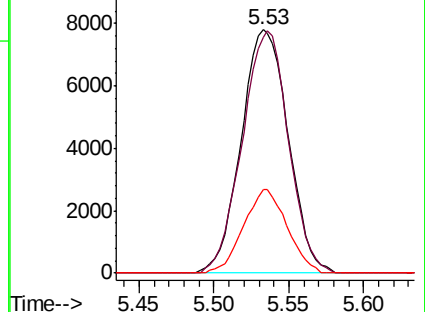
121 34.3 25.4 38.2

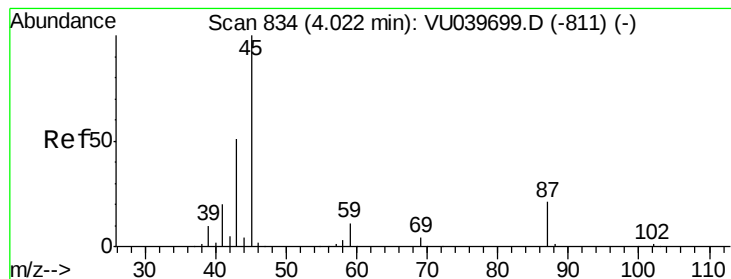


Abundance Ion 117.00 (116.70 to 117.70): VU039699.D (-1288) (-)

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: 2.025 ug/l

RT: 4.02 min Scan# 834

Delta R.T. -0.00 min

Lab File: VU039725.D

Acq: 30 Jul 2020 17:29

Instrument :

MSVOA_U

ClientSampleId :

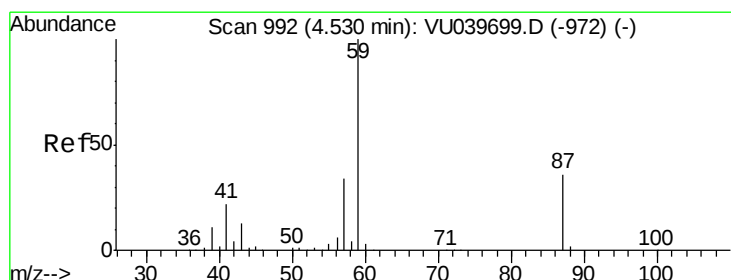
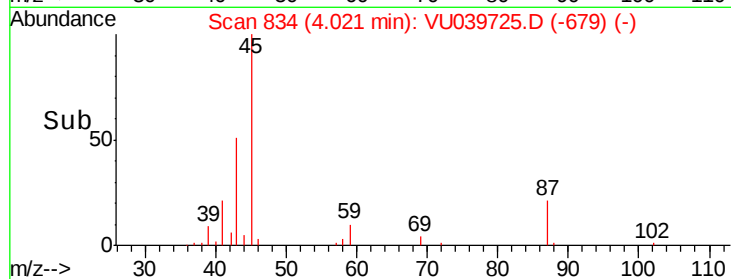
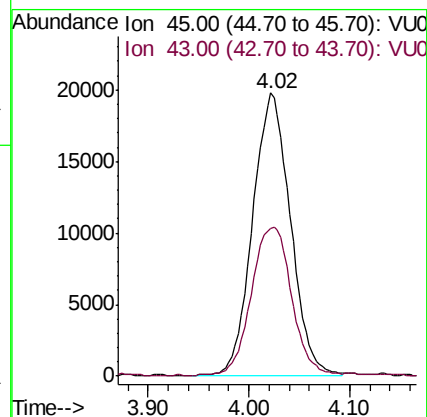
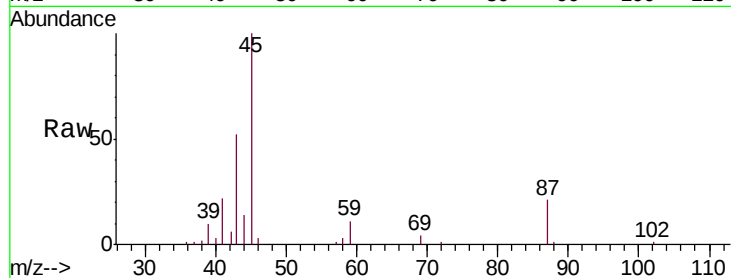
VU0730WBS01

Tgt Ion: 45 Resp: 51562

Ion Ratio Lower Upper

45 100

43 54.5 26.5 79.4



#32

Ethyl-t-butyl ether

Concen: 2.030 ug/l

RT: 4.53 min Scan# 993

Delta R.T. 0.00 min

Lab File: VU039725.D

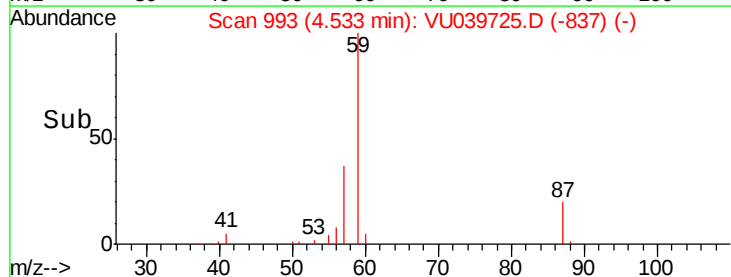
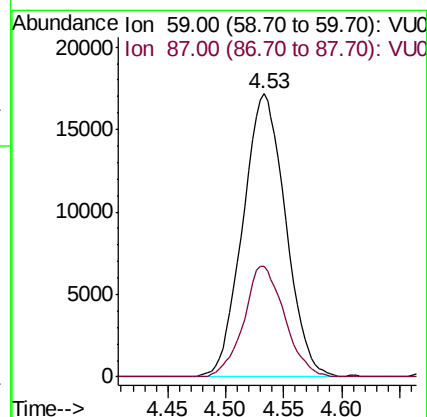
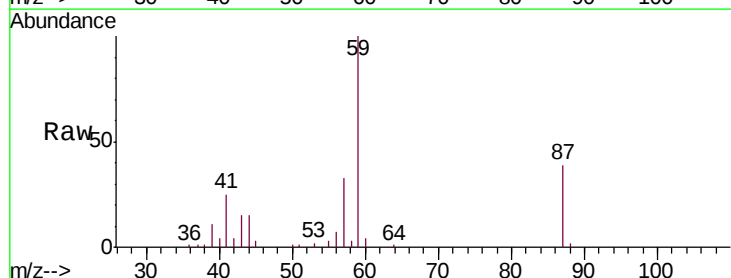
Acq: 30 Jul 2020 17:29

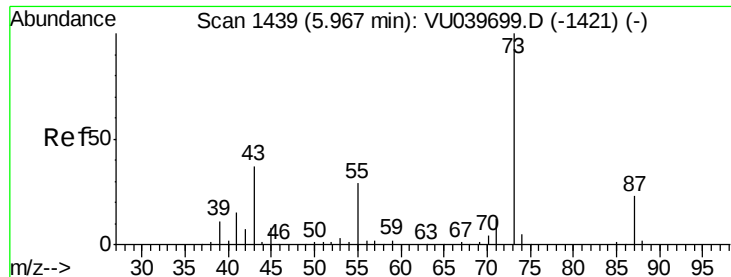
Tgt Ion: 59 Resp: 43996

Ion Ratio Lower Upper

59 100

87 37.2 29.4 44.0



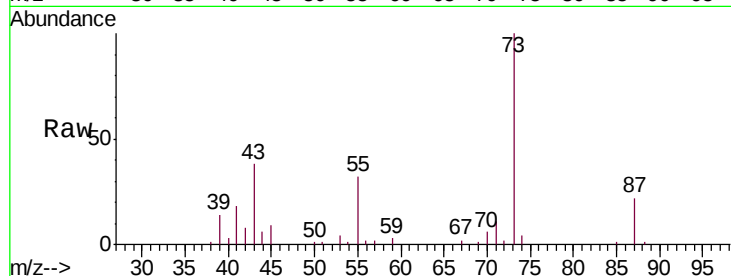


#33

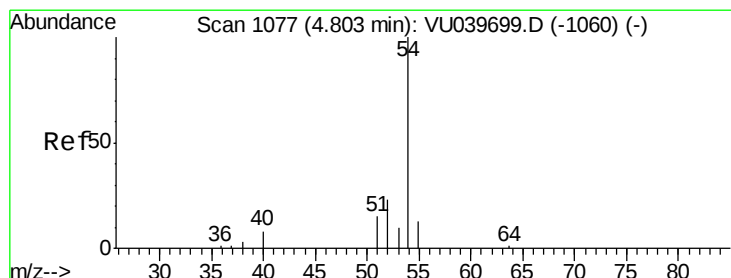
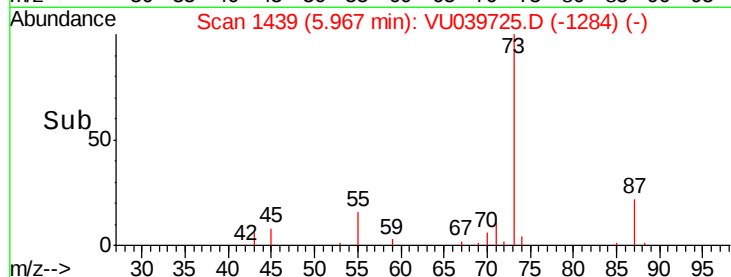
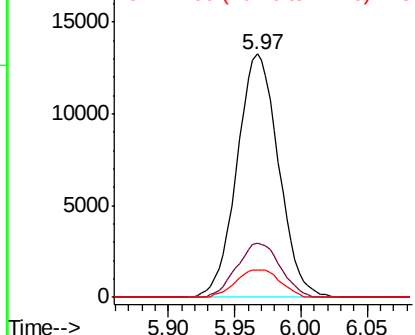
Tert-Amyl methyl ether
 Concen: 1.853 ug/l
 RT: 5.97 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VU039725.D
 Acq: 30 Jul 2020 17:29

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0730WBS01

Tgt Ion: 73 Resp: 28960
 Ion Ratio Lower Upper
 73 100
 87 23.3 18.7 28.1
 71 12.0 9.1 13.7



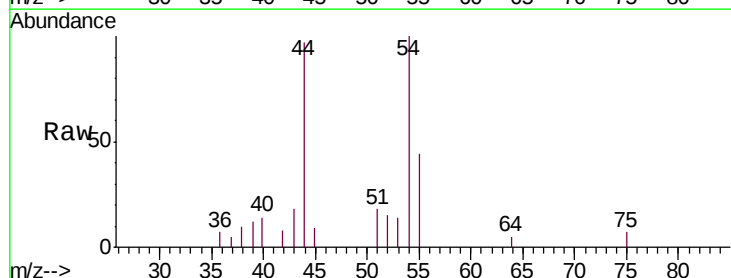
Abundance Ion 73.00 (72.70 to 73.70): VU0
 Ion 87.00 (86.70 to 87.70): VU0
 Ion 71.00 (70.70 to 71.70): VU0



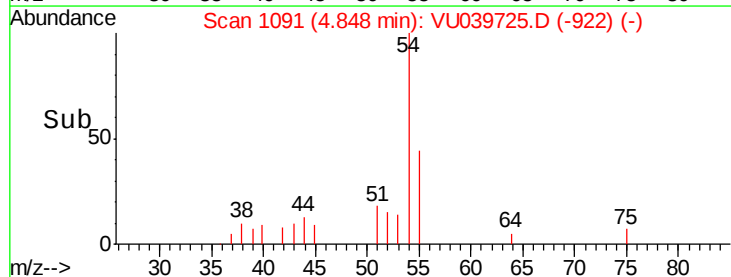
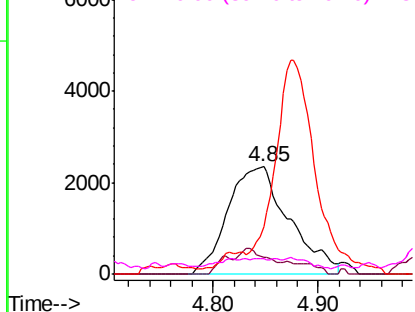
#34

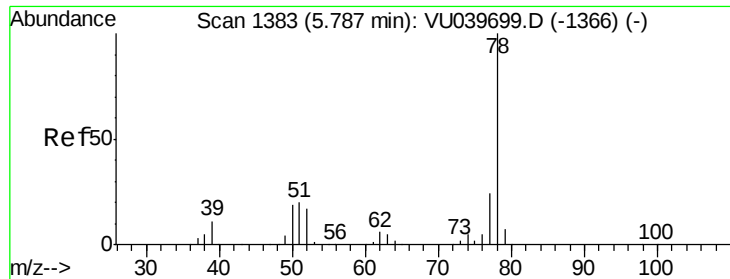
Propionitrile
 Concen: 12.347 ug/l
 RT: 4.85 min Scan# 1091
 Delta R.T. 0.04 min
 Lab File: VU039725.D
 Acq: 30 Jul 2020 17:29

Tgt Ion: 54 Resp: 9461
 Ion Ratio Lower Upper
 54 100
 52 6.7 16.9 25.3#
 55 6.4 12.9 19.3#
 40 0.0 6.2 9.2#



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





#35

Benzene

Concen: 1.916 ug/l

RT: 5.79 min Scan# 1383

Delta R.T. -0.00 min

Lab File: VU039725.D

Acq: 30 Jul 2020 17:29

Instrument :

MSVOA_U

ClientSampleId :

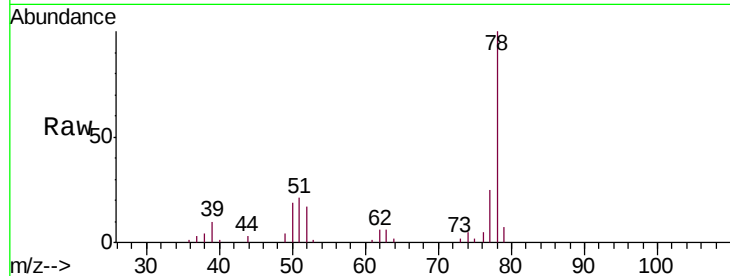
VU0730WBS01

Tgt Ion: 78 Resp: 48251

Ion Ratio Lower Upper

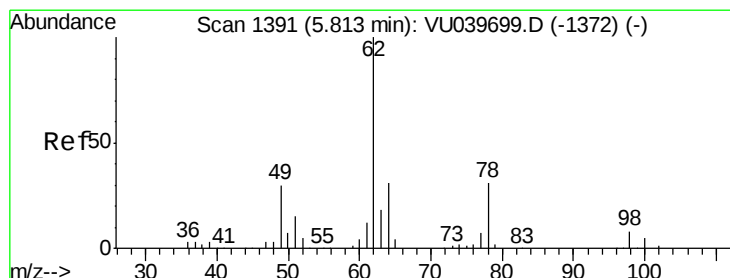
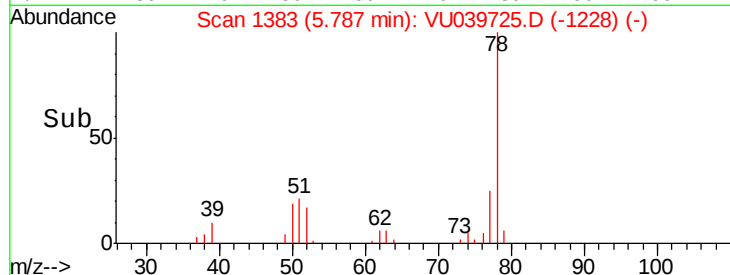
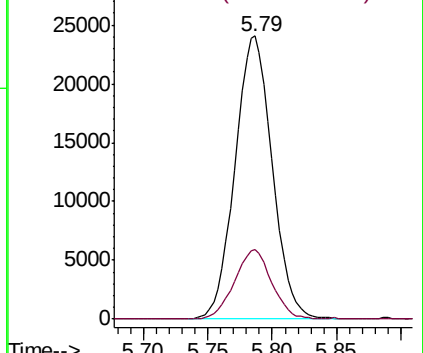
78 100

77 24.7 19.2 28.8



Abundance Ion 78.10 (77.80 to 78.80): VU0

Ion 77.00 (76.70 to 77.70): VU0



#36

1,2-Dichloroethane

Concen: 1.966 ug/l

RT: 5.81 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VU039725.D

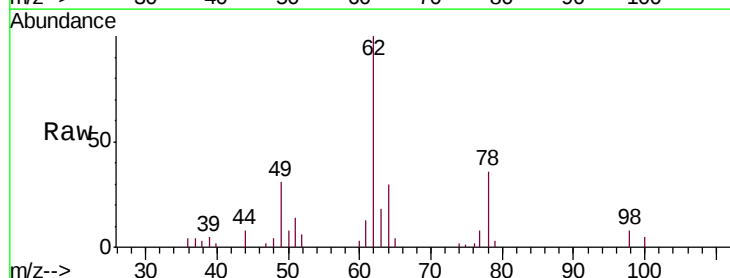
Acq: 30 Jul 2020 17:29

Tgt Ion: 62 Resp: 18564

Ion Ratio Lower Upper

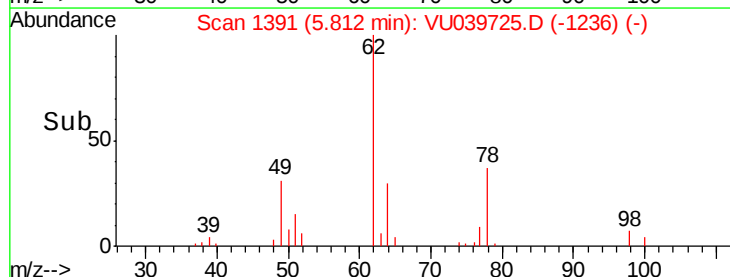
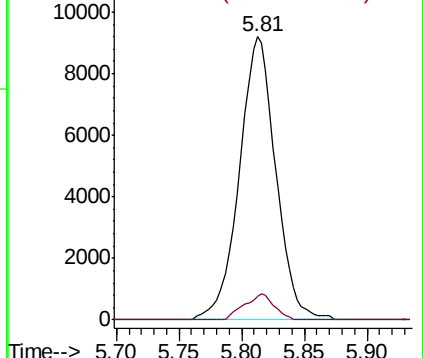
62 100

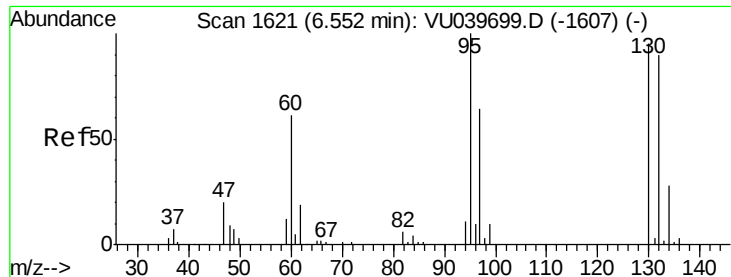
98 7.5 6.2 9.2



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 98.00 (97.70 to 98.70): VU0





#37

Trichloroethene

Concen: 1.819 ug/l

RT: 6.55 min Scan# 1621

Delta R.T. -0.00 min

Lab File: VU039725.D

Acq: 30 Jul 2020 17:29

Instrument :

MSVOA_U

ClientSampleId :

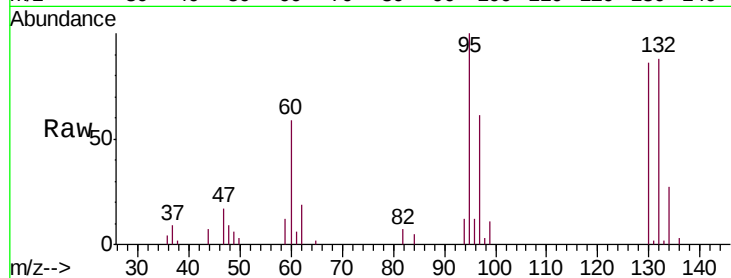
VU0730WBS01

Tgt Ion:130 Resp: 10485

Ion Ratio Lower Upper

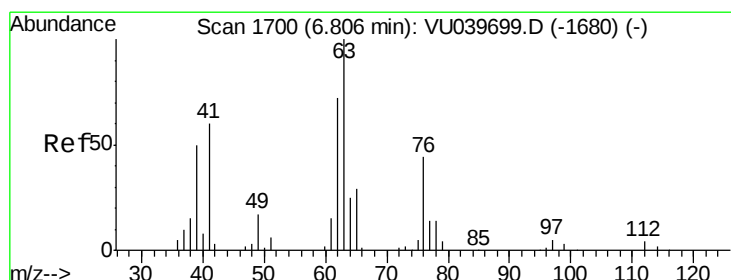
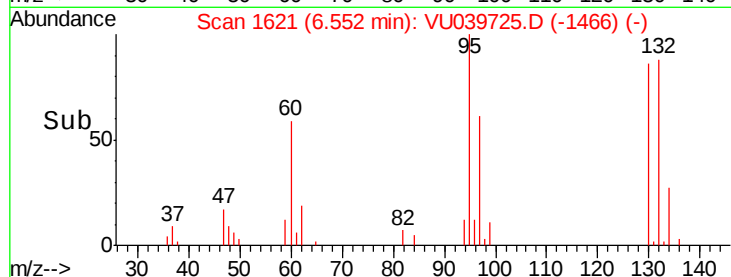
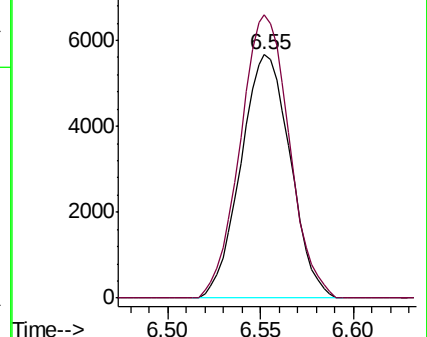
130 100

95 116.4 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: 2.001 ug/l

RT: 6.81 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VU039725.D

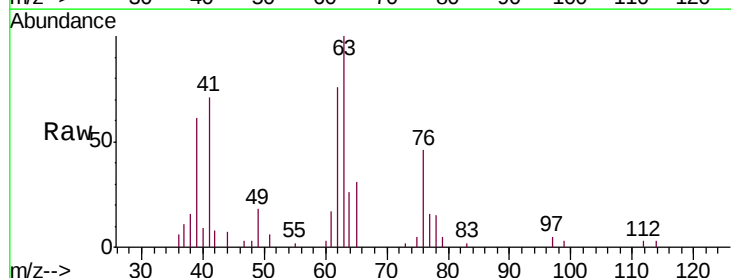
Acq: 30 Jul 2020 17:29

Tgt Ion: 63 Resp: 13893

Ion Ratio Lower Upper

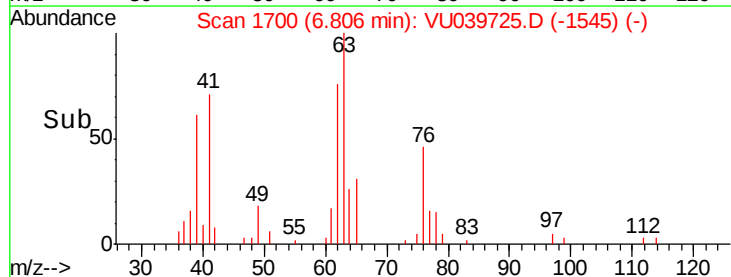
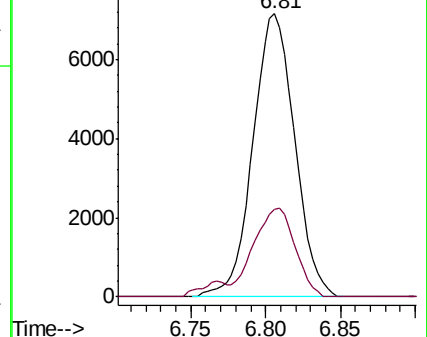
63 100

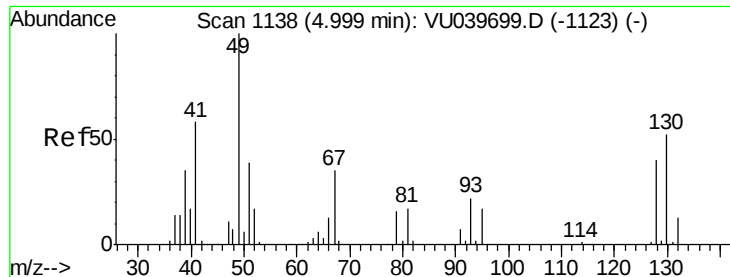
65 31.0 23.8 35.6



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

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

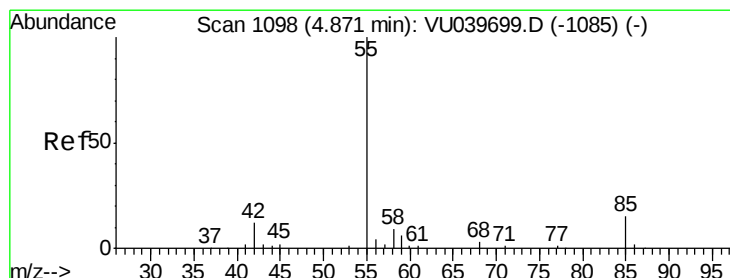
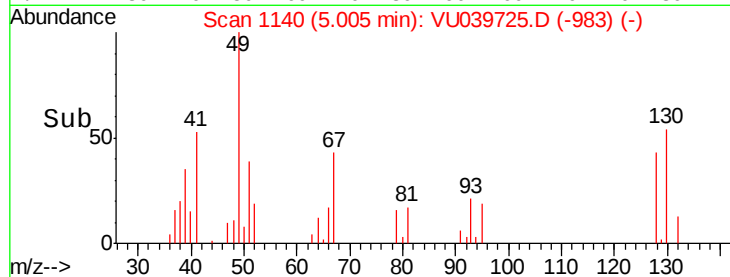
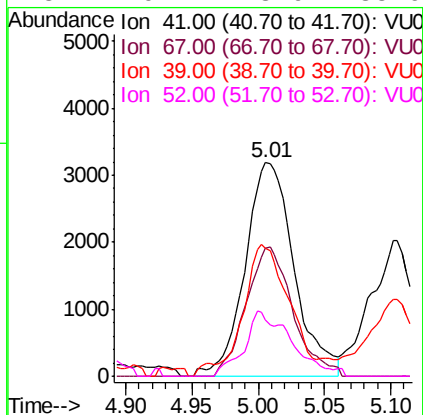
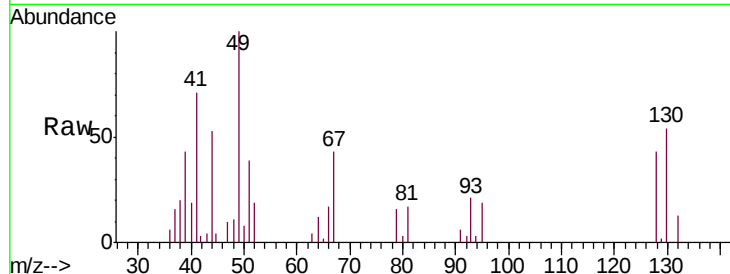




#39
Methacrylonitrile
Concen: 2.034 ug/l
RT: 5.01 min Scan# 1140
Delta R.T. 0.01 min
Lab File: VU039725.D
Acq: 30 Jul 2020 17:29

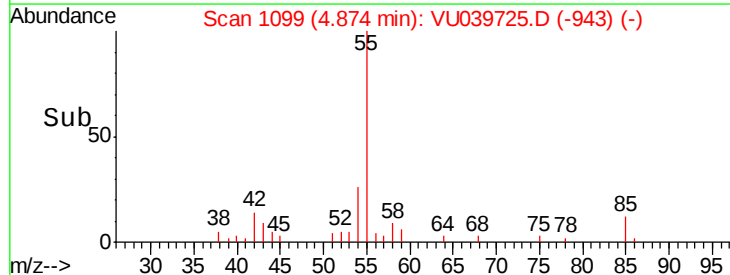
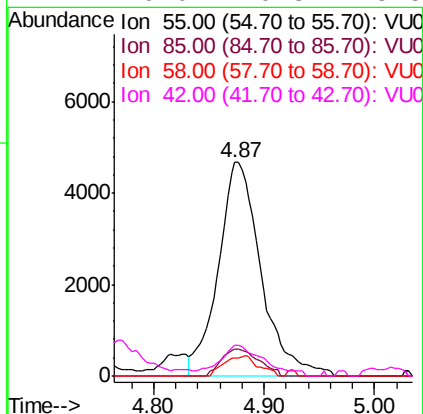
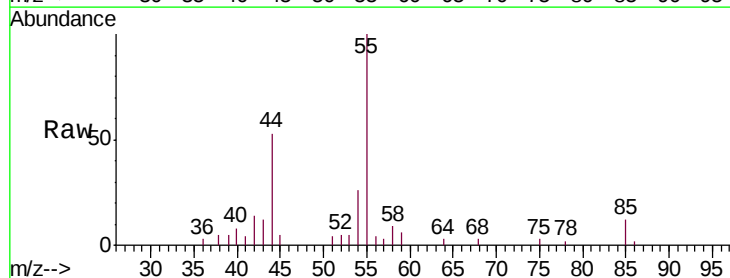
Instrument :
MSVOA_U
ClientSampleId :
VU0730WBS01

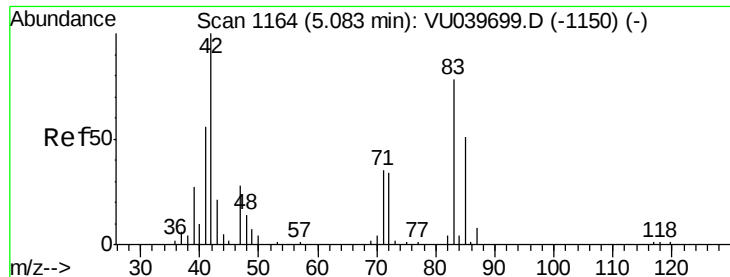
Tgt Ion:	41	Resp:	8216
Ion	Ratio	Lower	Upper
41	100		
67	57.8	48.3	72.5
39	58.1	47.6	71.4
52	29.4	23.9	35.9



#40
Methyl acrylate
Concen: 2.412 ug/l
RT: 4.87 min Scan# 1099
Delta R.T. 0.00 min
Lab File: VU039725.D
Acq: 30 Jul 2020 17:29

Tgt Ion:	55	Resp:	12563
Ion	Ratio	Lower	Upper
55	100		
85	10.9	11.4	17.0#
58	7.5	7.4	11.0
42	10.0	10.3	15.5#

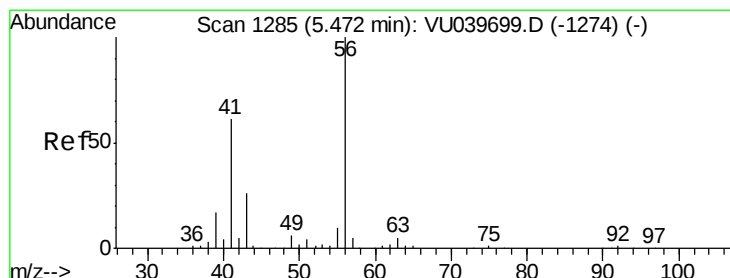
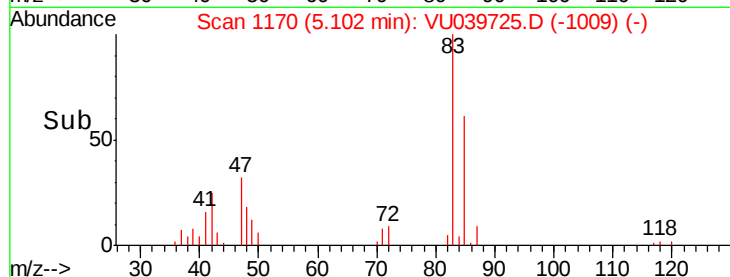
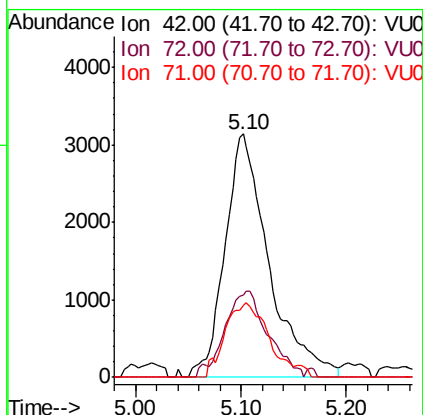
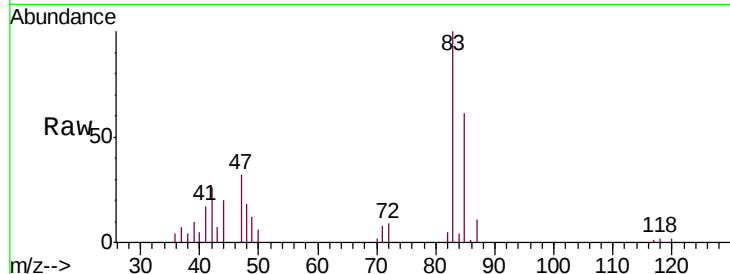




#41
Tetrahydrofuran
Concen: 4.475 ug/l
RT: 5.10 min Scan# 1170
Delta R.T. 0.02 min
Lab File: VU039725.D
Acq: 30 Jul 2020 17:29

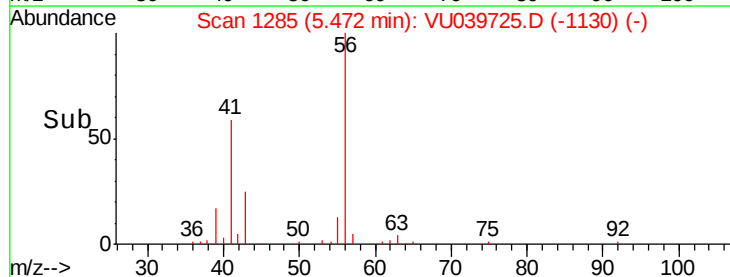
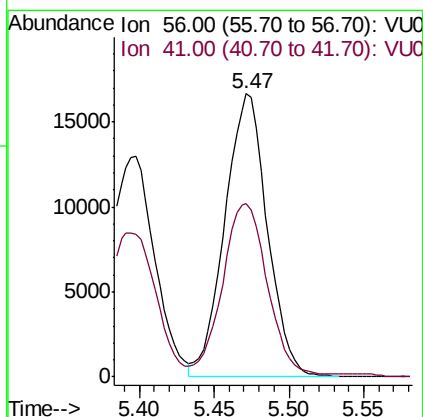
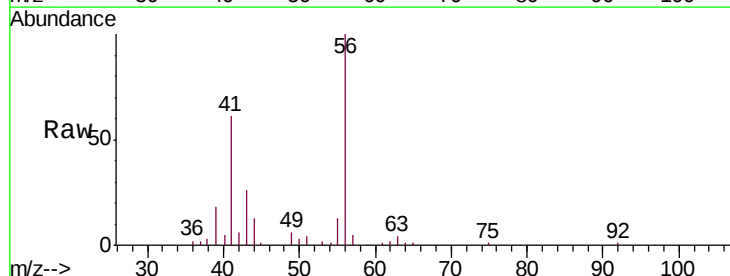
Instrument :
MSVOA_U
ClientSampleId :
VU0730WBS01

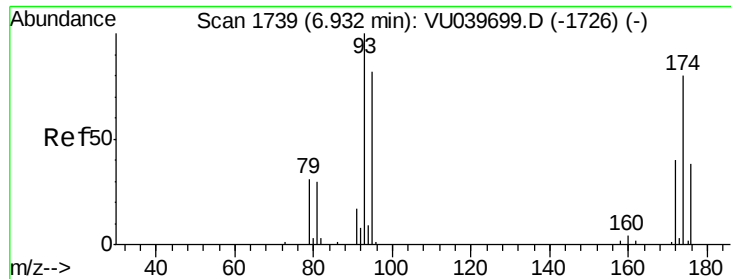
Tgt Ion: 42 Resp: 9092
Ion Ratio Lower Upper
42 100
72 34.6 31.0 46.6
71 31.1 28.2 42.4



#42
1-Chlorobutane
Concen: 2.062 ug/l
RT: 5.47 min Scan# 1285
Delta R.T. -0.00 min
Lab File: VU039725.D
Acq: 30 Jul 2020 17:29

Tgt Ion: 56 Resp: 32953
Ion Ratio Lower Upper
56 100
41 62.3 30.5 91.5





#43

Dibromomethane

Concen: 2.007 ug/l

RT: 6.93 min Scan# 1739

Delta R.T. -0.00 min

Lab File: VU039725.D

Acq: 30 Jul 2020 17:29

Instrument :

MSVOA_U

ClientSampleId :

VU0730WBS01

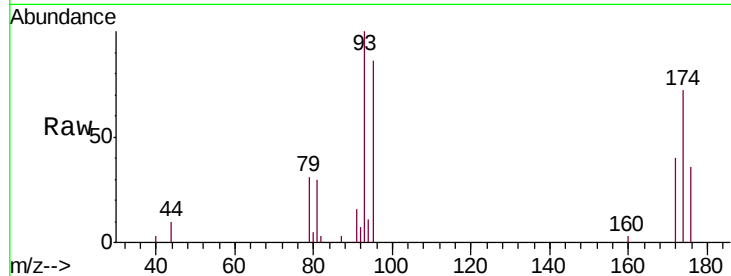
Tgt Ion: 93 Resp: 7496

Ion Ratio Lower Upper

93 100

95 84.6 66.6 99.8

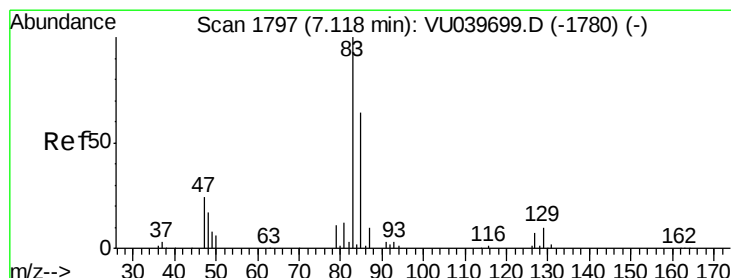
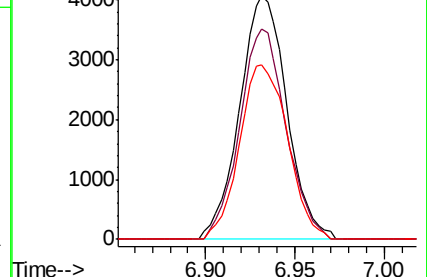
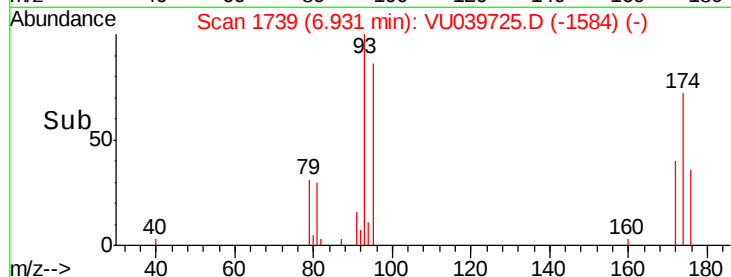
174 72.9 62.7 94.1



Abundance Ion 93.00 (92.70 to 93.70): VU039725.D (-1584) (-)

Ion 95.00 (94.70 to 95.70): VU039725.D (-1584) (-)

Ion 174.00 (173.70 to 174.70): VU039725.D (-1584) (-)



#44

Bromodichloromethane

Concen: 1.874 ug/l

RT: 7.12 min Scan# 1797

Delta R.T. -0.00 min

Lab File: VU039725.D

Acq: 30 Jul 2020 17:29

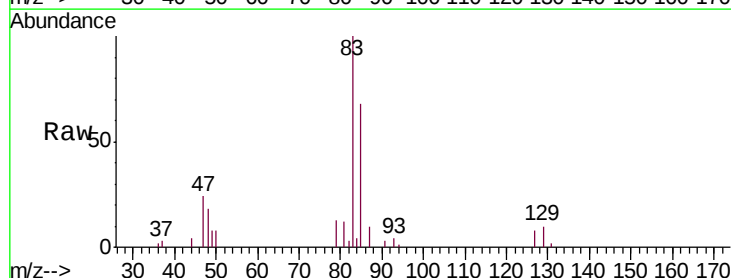
Tgt Ion: 83 Resp: 16049

Ion Ratio Lower Upper

83 100

85 67.6 50.8 76.2

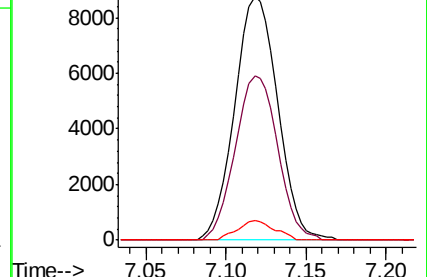
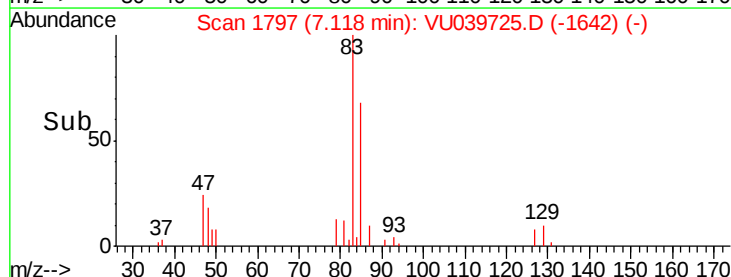
127 8.0 5.8 8.6

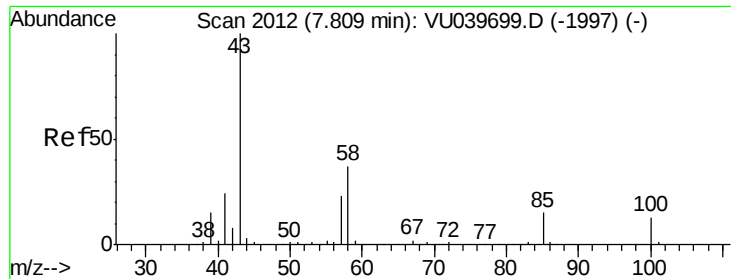


Abundance Ion 83.00 (82.70 to 83.70): VU039725.D (-1642) (-)

Ion 85.00 (84.70 to 85.70): VU039725.D (-1642) (-)

Ion 127.00 (126.70 to 127.70): VU039725.D (-1642) (-)

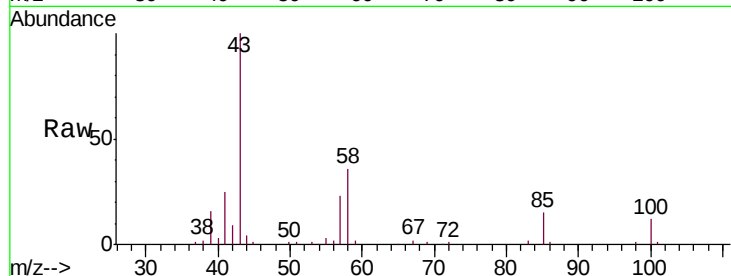




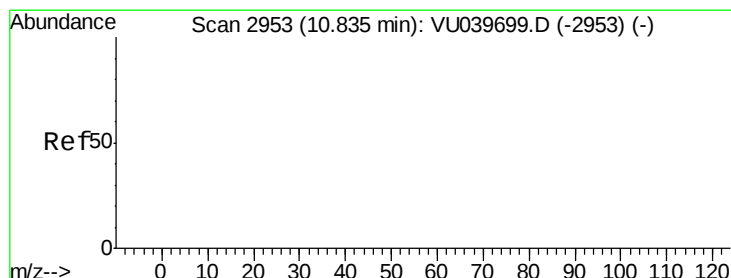
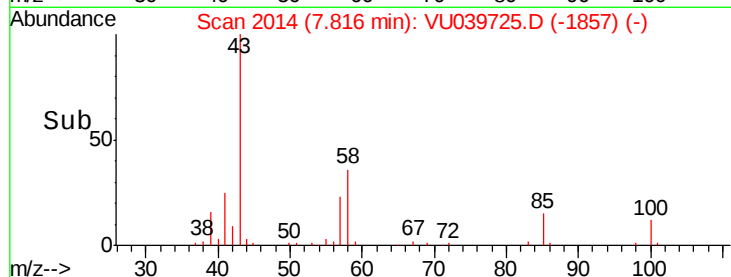
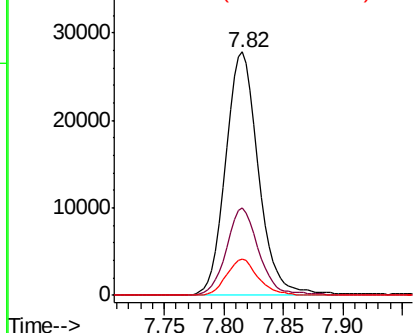
#45
4-Methyl-2-Pentanone
Concen: 9.417 ug/l
RT: 7.82 min Scan# 2014
Delta R.T. 0.01 min
Lab File: VU039725.D
Acq: 30 Jul 2020 17:29

Instrument :
MSVOA_U
ClientSampleId :
VU0730WBS01

Tgt Ion: 43 Resp: 53290
Ion Ratio Lower Upper
43 100
58 35.4 18.4 55.0
85 14.4 11.8 17.6

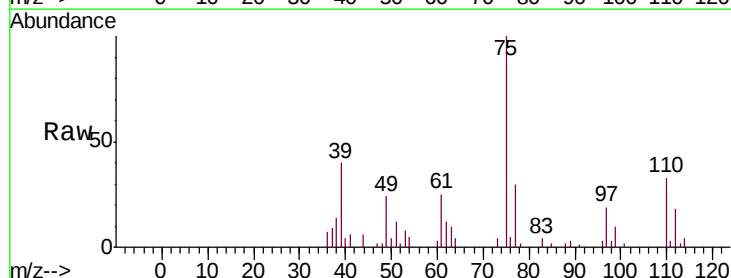


Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0
Ion 85.00 (84.70 to 85.70): VU0

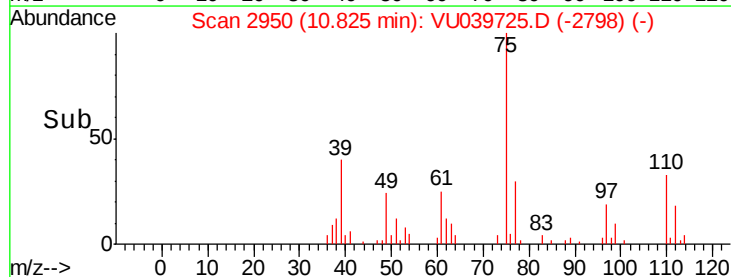
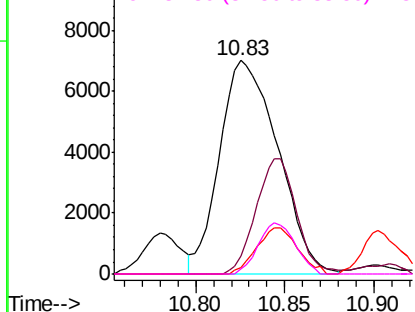


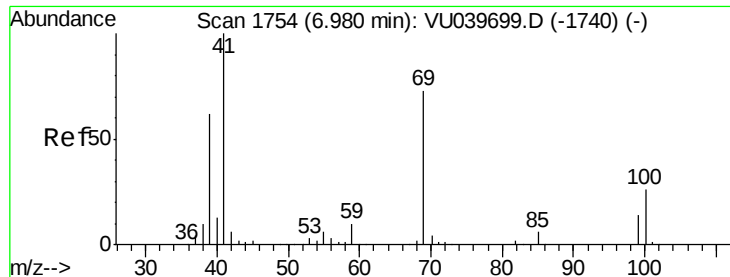
#46
t-1,4-Dichloro-2-butene
Concen: 9.518 ug/l
RT: 10.83 min Scan# 2950
Delta R.T. -0.01 min
Lab File: VU039725.D
Acq: 30 Jul 2020 17:29

Tgt Ion: 75 Resp: 16020
Ion Ratio Lower Upper
75 100
53 37.6 78.6 118.0#
89 15.2 40.3 60.5#
88 15.2 34.0 51.0#



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

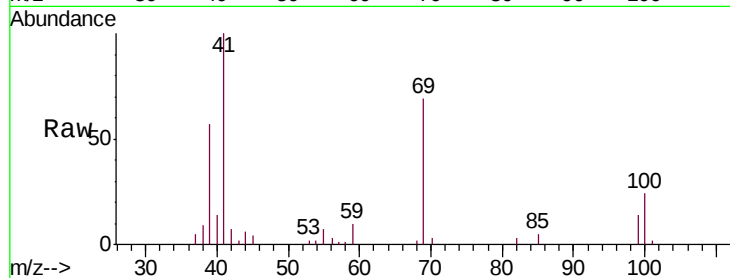




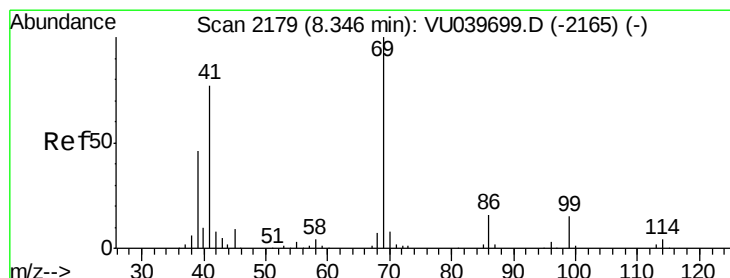
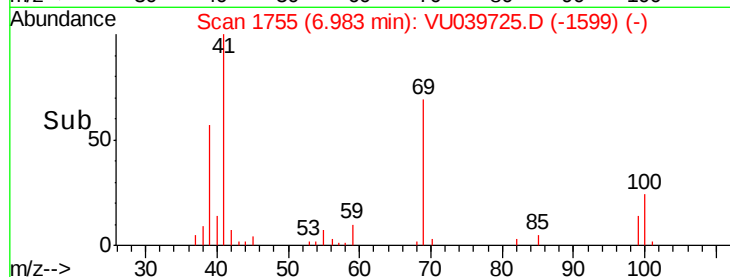
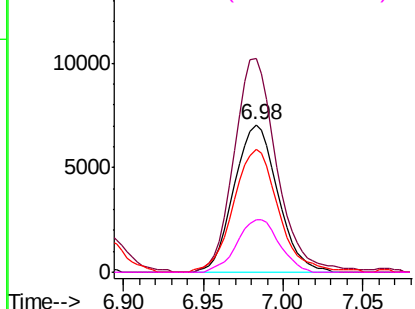
#47
Methyl methacrylate
Concen: 3.766 ug/l
RT: 6.98 min Scan# 1755
Delta R.T. 0.00 min
Lab File: VU039725.D
Acq: 30 Jul 2020 17:29

Instrument :
MSVOA_U
ClientSampleId :
VU0730WBS01

Tgt Ion: 69 Resp: 13120
Ion Ratio Lower Upper
69 100
41 142.1 0.0 271.6
39 86.3 67.4 101.2
100 34.4 28.3 42.5

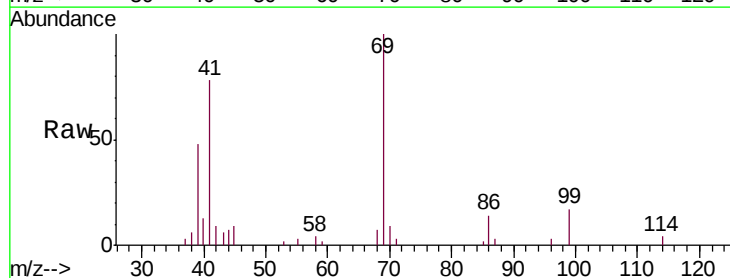


Abundance Ion 69.00 (68.70 to 69.70): VU0
Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 100.00 (99.70 to 100.70): VU0

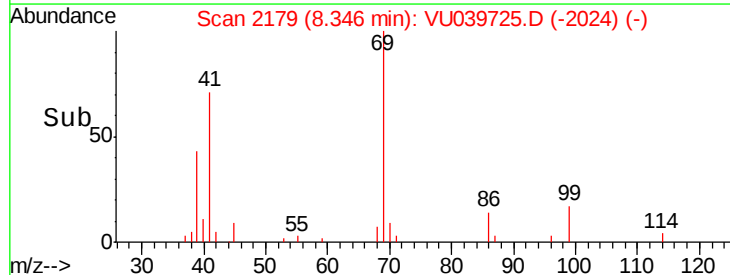
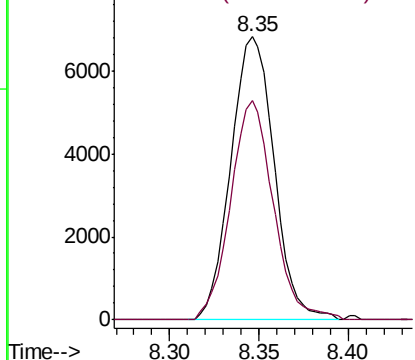


#48
Ethyl methacrylate
Concen: 1.795 ug/l
RT: 8.35 min Scan# 2179
Delta R.T. -0.00 min
Lab File: VU039725.D
Acq: 30 Jul 2020 17:29

Tgt Ion: 69 Resp: 11513
Ion Ratio Lower Upper
69 100
41 76.8 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: 1.804 ug/l

RT: 7.98 min Scan# 2064

Delta R.T. -0.00 min

Lab File: VU039725.D

Acq: 30 Jul 2020 17:29

Instrument :

MSVOA_U

ClientSampleId :

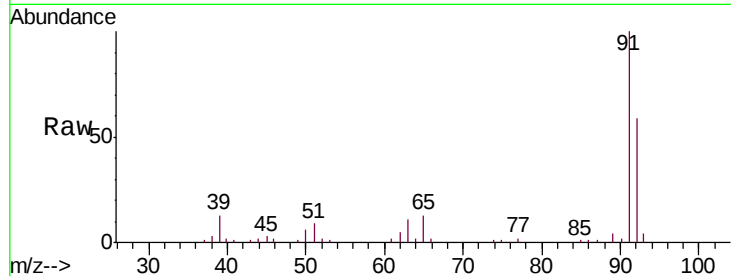
VU0730WBS01

Tgt Ion: 92 Resp: 27041

Ion Ratio Lower Upper

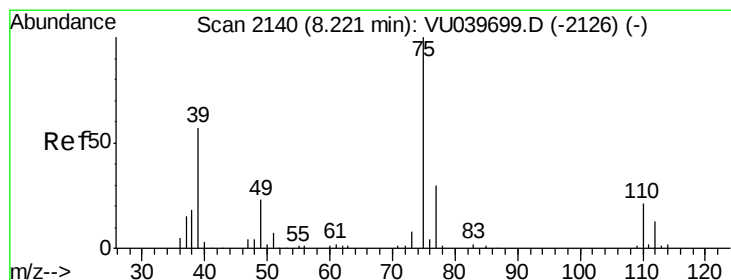
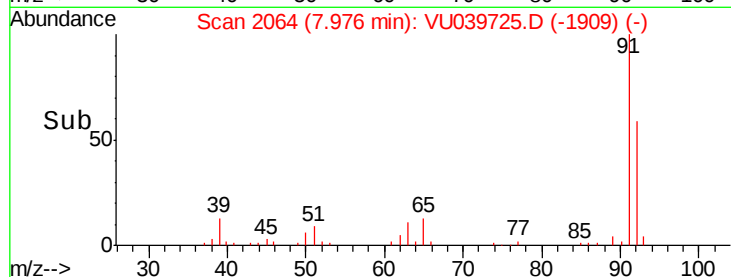
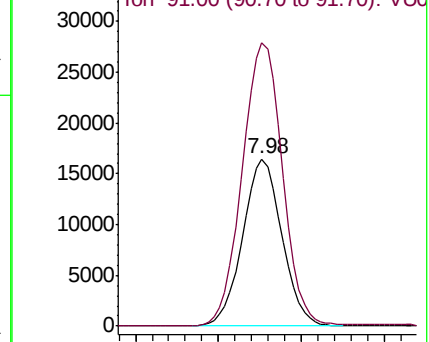
92 100

91 174.5 136.1 204.1



Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0



#50

t-1,3-Dichloropropene

Concen: 1.768 ug/l

RT: 8.22 min Scan# 2140

Delta R.T. -0.00 min

Lab File: VU039725.D

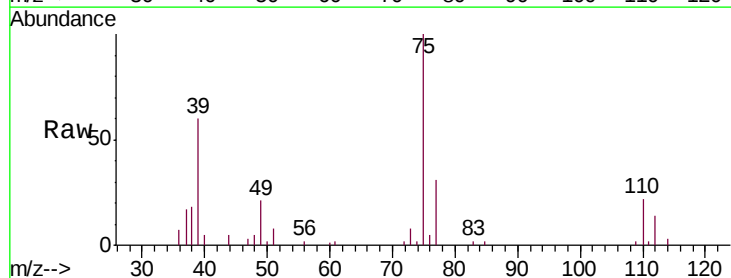
Acq: 30 Jul 2020 17:29

Tgt Ion: 75 Resp: 13636

Ion Ratio Lower Upper

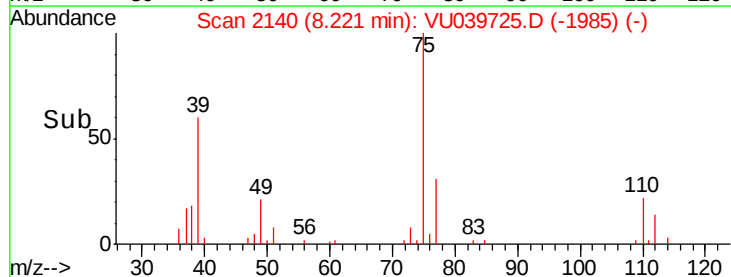
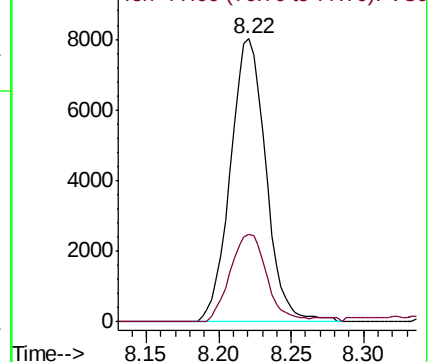
75 100

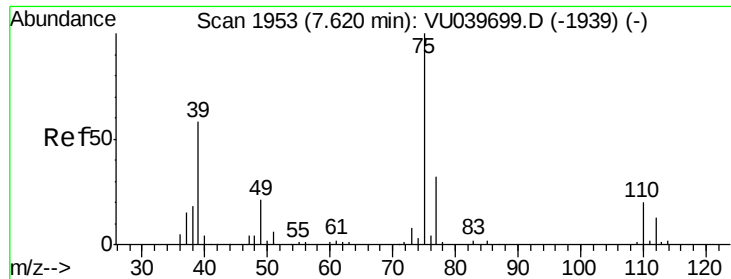
77 31.1 24.3 36.5



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



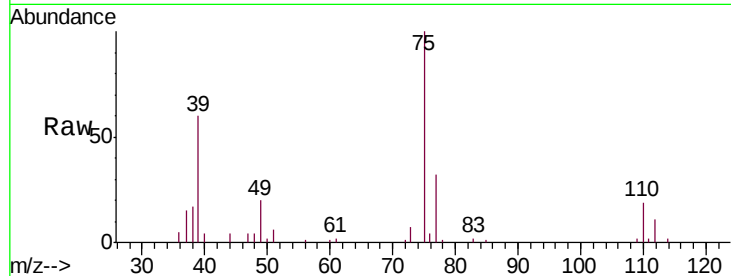


#51

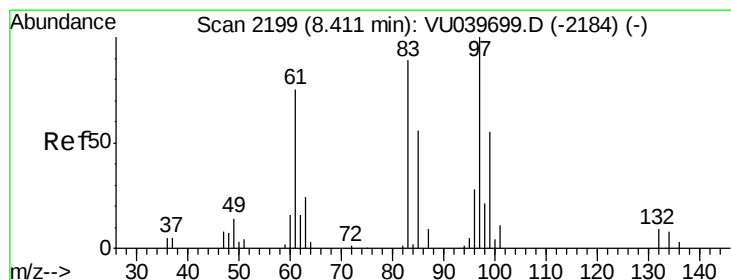
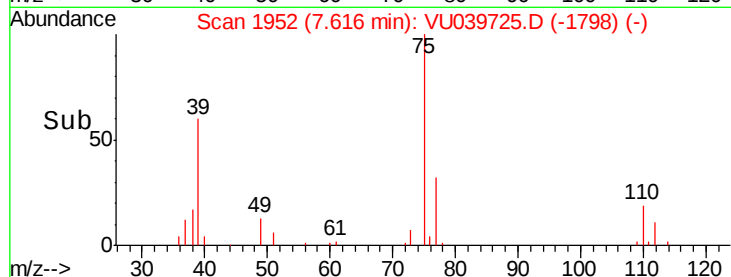
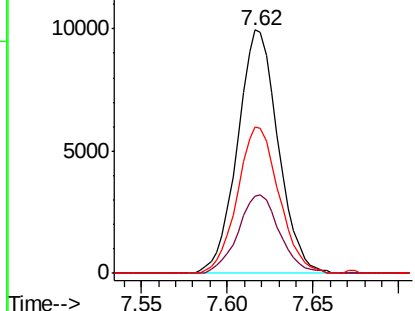
cis-1,3-Dichloropropene
 Concen: 1.798 ug/l
 RT: 7.62 min Scan# 1952
 Delta R.T. -0.00 min
 Lab File: VU039725.D
 Acq: 30 Jul 2020 17:29

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0730WBS01

Tgt Ion: 75 Resp: 16298
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.7 38.5
 39 60.3 46.1 69.1



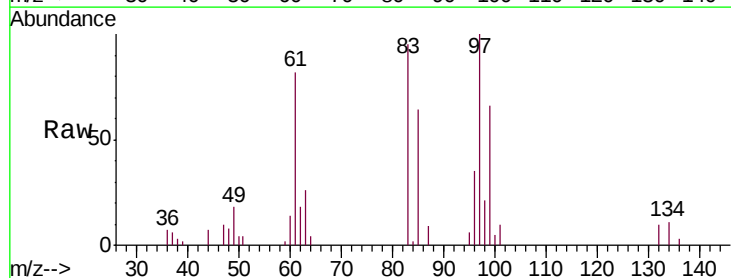
Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 77.00 (76.70 to 77.70): VU0
 Ion 39.00 (38.70 to 39.70): VU0



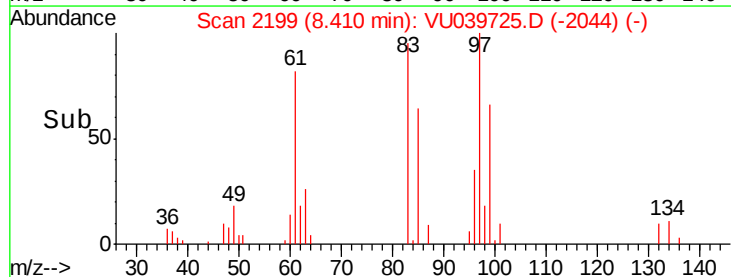
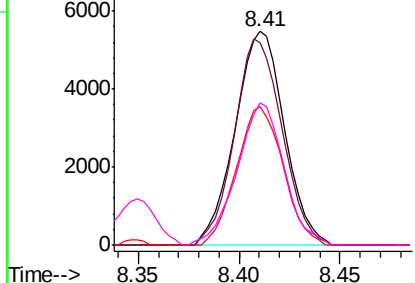
#52

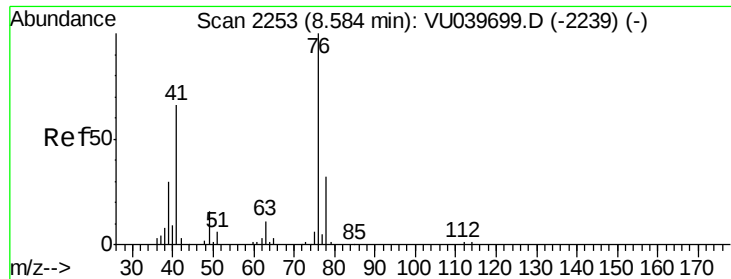
1,1,2-Trichloroethane
 Concen: 1.932 ug/l
 RT: 8.41 min Scan# 2199
 Delta R.T. -0.00 min
 Lab File: VU039725.D
 Acq: 30 Jul 2020 17:29

Tgt Ion: 97 Resp: 9377
 Ion Ratio Lower Upper
 97 100
 83 94.6 71.3 106.9
 85 64.5 45.4 68.2
 99 66.5 49.4 74.0



Abundance Ion 97.00 (96.70 to 97.70): VU0
 Ion 82.95 (82.65 to 83.65): VU0
 Ion 84.95 (84.65 to 85.65): VU0
 Ion 98.95 (98.65 to 99.65): VU0

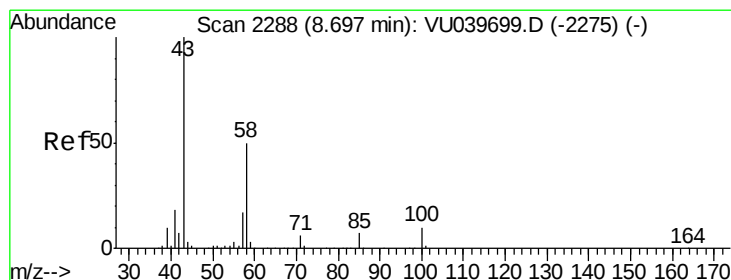
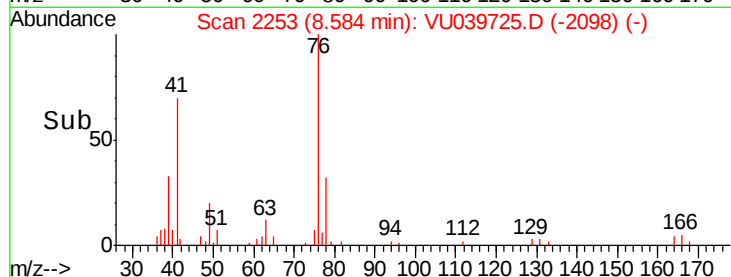
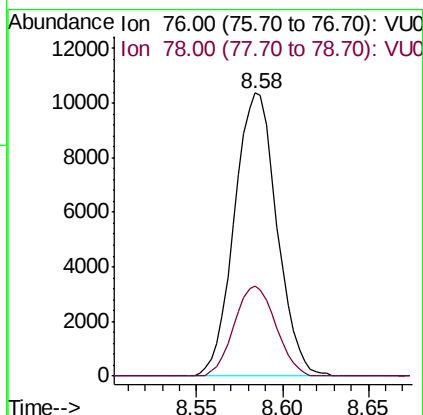
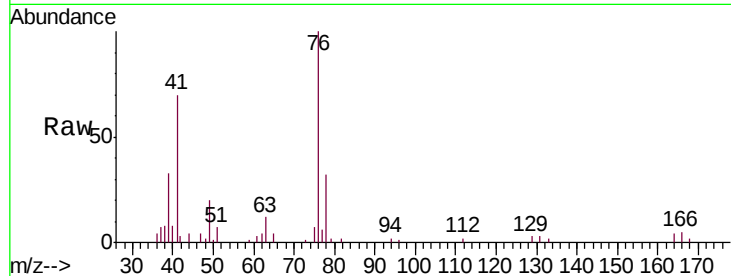




#53
 1,3-Dichloropropane
 Concen: 1.915 ug/l
 RT: 8.58 min Scan# 2253
 Delta R.T. -0.00 min
 Lab File: VU039725.D
 Acq: 30 Jul 2020 17:29

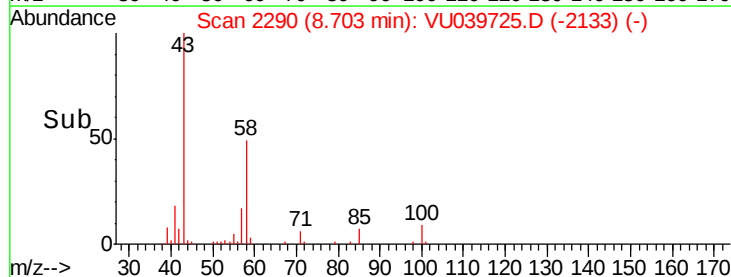
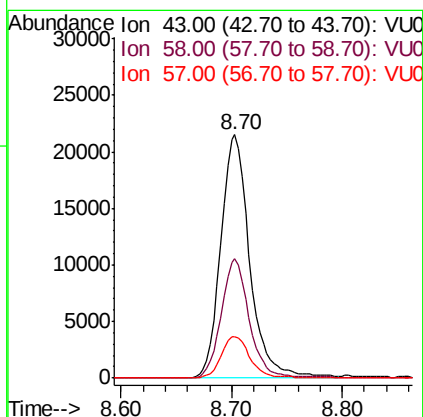
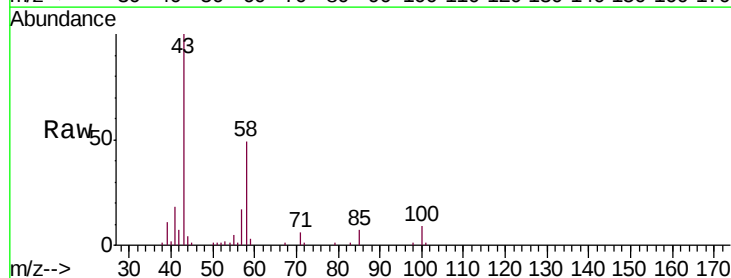
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0730WBS01

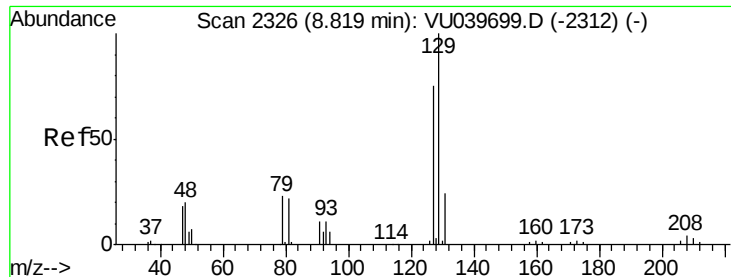
Tgt Ion: 76 Resp: 17850
 Ion Ratio Lower Upper
 76 100
 78 31.2 25.4 38.2



#54
 2-Hexanone
 Concen: 9.707 ug/l
 RT: 8.70 min Scan# 2290
 Delta R.T. 0.01 min
 Lab File: VU039725.D
 Acq: 30 Jul 2020 17:29

Tgt Ion: 43 Resp: 39327
 Ion Ratio Lower Upper
 43 100
 58 47.1 29.9 69.9
 57 16.8 0.0 37.2

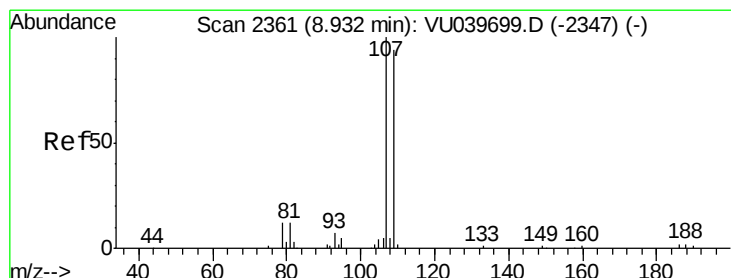
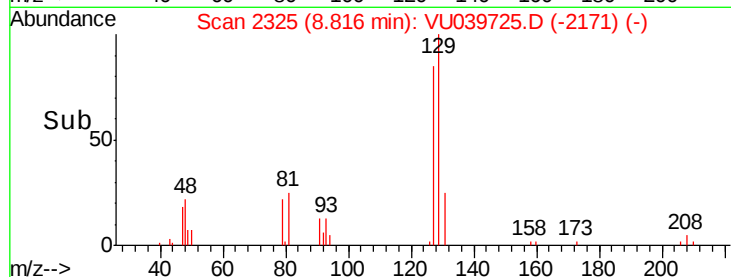
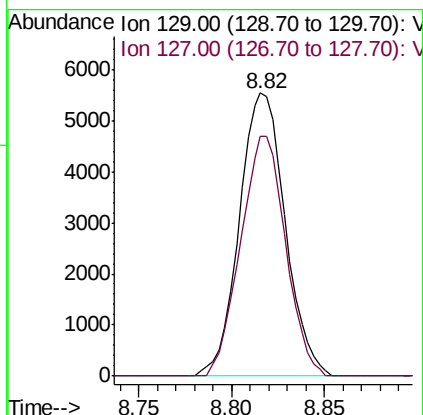
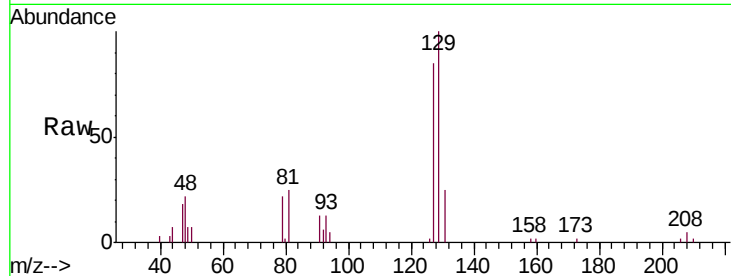




#55
 Dibromochloromethane
 Concen: 1.830 ug/l
 RT: 8.82 min Scan# 2325
 Delta R.T. -0.00 min
 Lab File: VU039725.D
 Acq: 30 Jul 2020 17:29

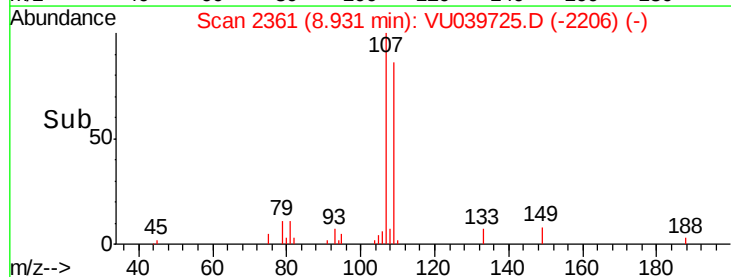
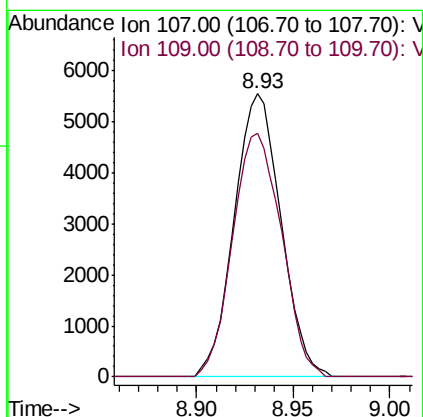
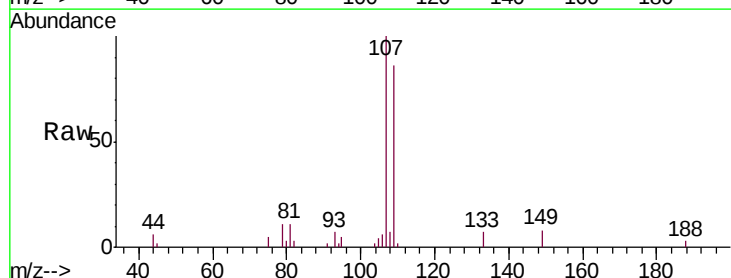
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0730WBS01

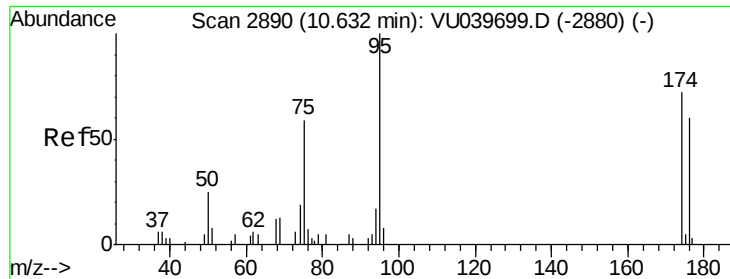
Tgt Ion:129 Resp: 9539
 Ion Ratio Lower Upper
 129 100
 127 83.1 62.4 93.6



#56
 1,2-Dibromoethane
 Concen: 1.997 ug/l
 RT: 8.93 min Scan# 2361
 Delta R.T. -0.00 min
 Lab File: VU039725.D
 Acq: 30 Jul 2020 17:29

Tgt Ion:107 Resp: 9339
 Ion Ratio Lower Upper
 107 100
 109 90.0 0.0 185.2

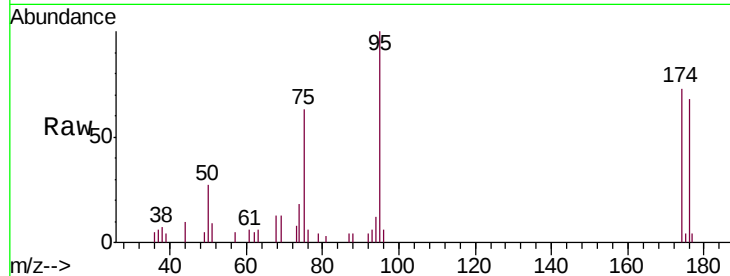




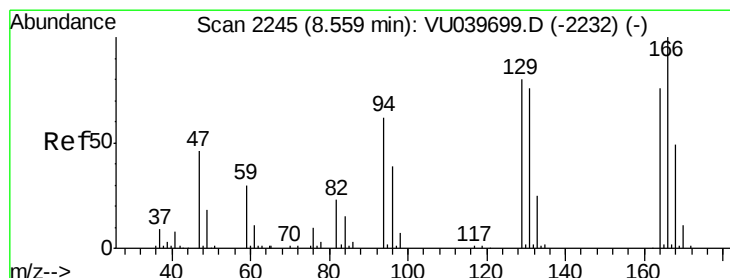
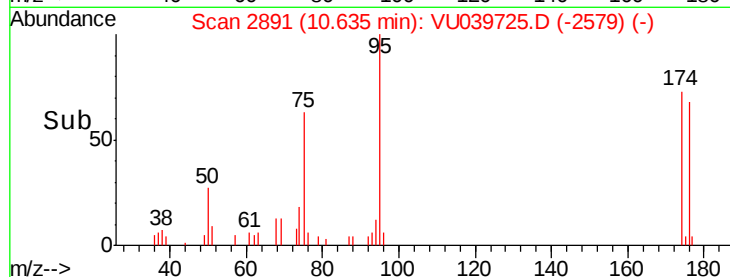
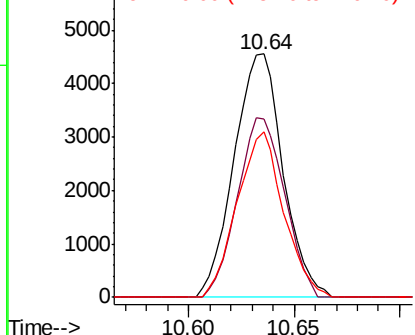
#57
 4-Bromofluorobenzene
 Concen: 0.933 ug/l
 RT: 10.64 min Scan# 2891
 Delta R.T. 0.00 min
 Lab File: VU039725.D
 Acq: 30 Jul 2020 17:29

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0730WBS01

Tgt Ion: 95 Resp: 7343
 Ion Ratio Lower Upper
 95 100
 174 71.0 57.0 85.4
 176 64.6 50.2 75.2

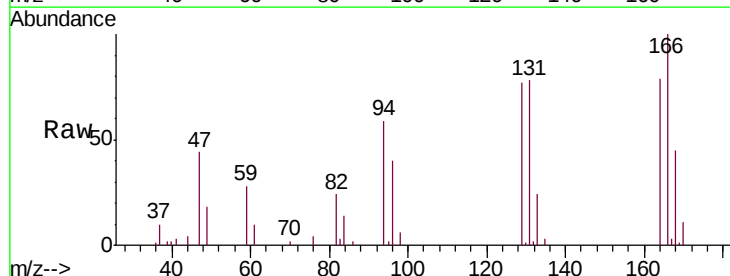


Abundance Ion 95.00 (94.70 to 95.70): VU
 Ion 174.00 (173.70 to 174.70): V
 Ion 176.00 (175.70 to 176.70): V

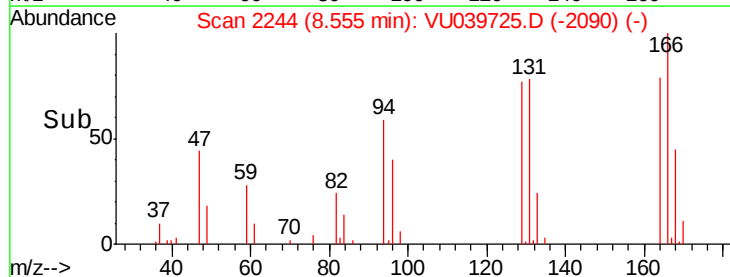
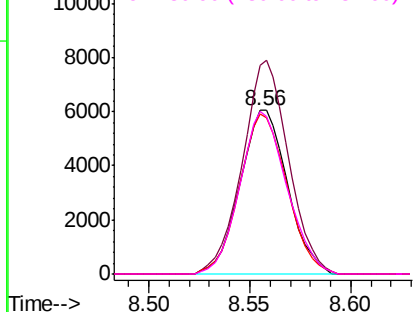


#58
 Tetrachloroethene
 Concen: 1.976 ug/l
 RT: 8.56 min Scan# 2244
 Delta R.T. -0.00 min
 Lab File: VU039725.D
 Acq: 30 Jul 2020 17:29

Tgt Ion: 164 Resp: 9969
 Ion Ratio Lower Upper
 164 100
 166 127.1 104.8 157.2
 129 97.6 84.1 126.1
 131 99.1 80.1 120.1



Abundance Ion 163.85 (163.55 to 164.55): V
 Ion 165.80 (165.50 to 166.50): V
 Ion 128.90 (128.60 to 129.60): V
 Ion 130.90 (130.60 to 131.60): V





#59

Chlorobenzene

Concen: 1.924 ug/l

RT: 9.45 min Scan# 2522

Delta R.T. -0.00 min

Lab File: VU039725.D

Acq: 30 Jul 2020 17:29

Instrument :

MSVOA_U

ClientSampleId :

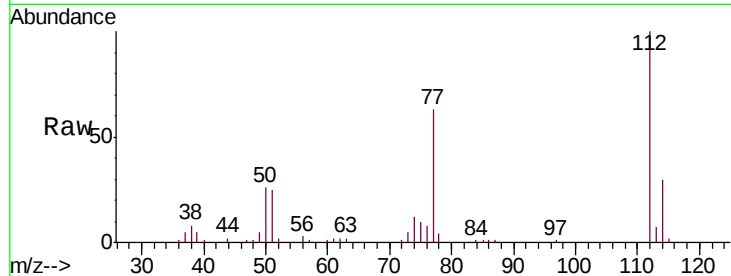
VU0730WBS01

Tgt Ion:112 Resp: 29824

Ion Ratio Lower Upper

112 100

114 30.3 25.8 38.6



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

9.45

20000

15000

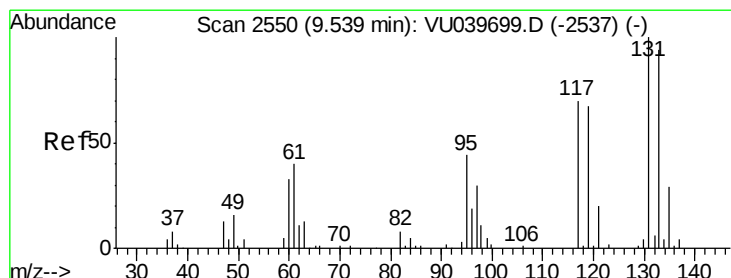
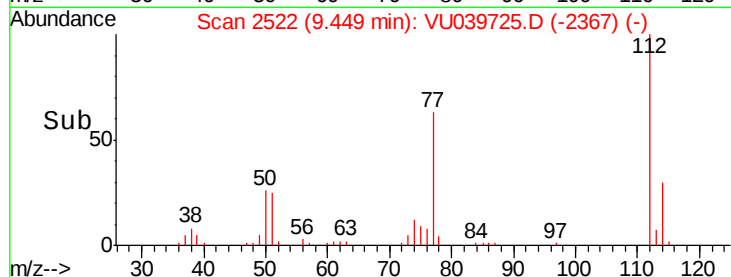
10000

5000

0

9.40 9.45 9.50 9.55

Time-->



#60

1,1,1,2-Tetrachloroethane

Concen: 1.860 ug/l

RT: 9.54 min Scan# 2550

Delta R.T. -0.00 min

Lab File: VU039725.D

Acq: 30 Jul 2020 17:29

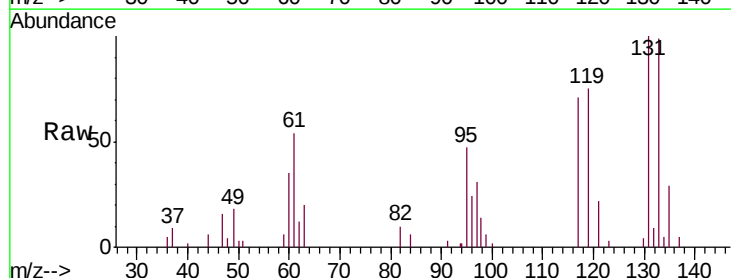
Tgt Ion:131 Resp: 9725

Ion Ratio Lower Upper

131 100

133 93.7 75.8 113.8

119 69.4 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

9.54

8000

6000

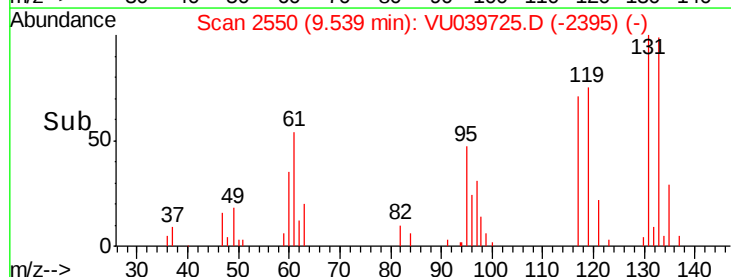
4000

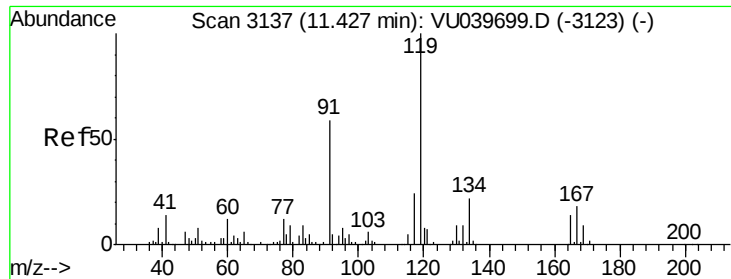
2000

0

9.50 9.55

Time-->

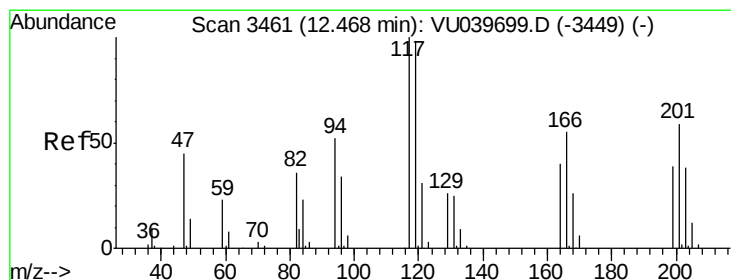
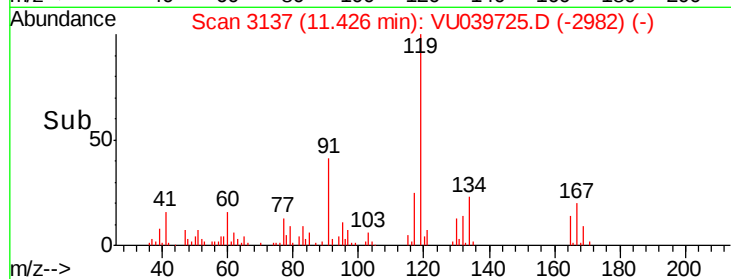
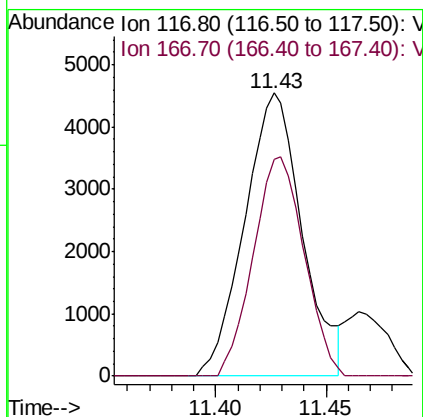
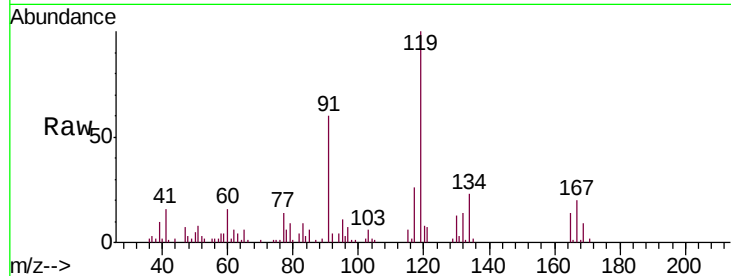




#61
 Pentachloroethane
 Concen: 1.788 ug/l
 RT: 11.43 min Scan# 3137
 Delta R.T. -0.00 min
 Lab File: VU039725.D
 Acq: 30 Jul 2020 17:29

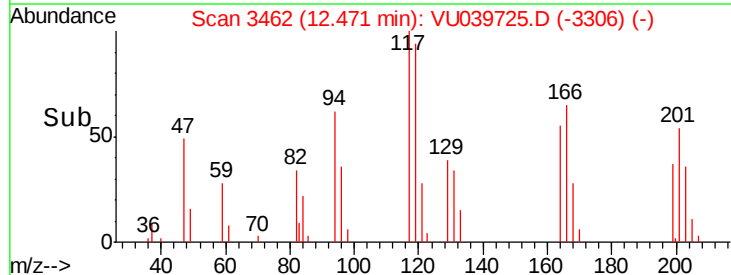
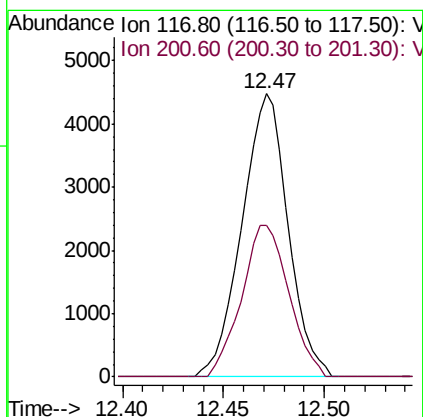
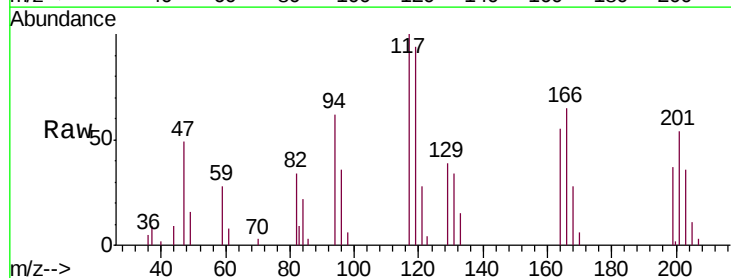
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0730WBS01

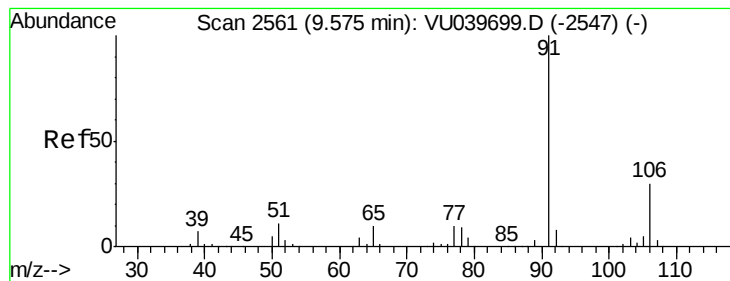
Tgt Ion:117 Resp: 8213
 Ion Ratio Lower Upper
 117 100
 167 68.5 56.6 85.0



#62
 Hexachloroethane
 Concen: 1.699 ug/l
 RT: 12.47 min Scan# 3462
 Delta R.T. 0.00 min
 Lab File: VU039725.D
 Acq: 30 Jul 2020 17:29

Tgt Ion:117 Resp: 7153
 Ion Ratio Lower Upper
 117 100
 201 54.9 48.1 72.1





#63

Ethyl Benzene

Concen: 1.733 ug/l

RT: 9.57 min Scan# 2561

Delta R.T. -0.00 min

Lab File: VU039725.D

Acq: 30 Jul 2020 17:29

Instrument :

MSVOA_U

ClientSampleId :

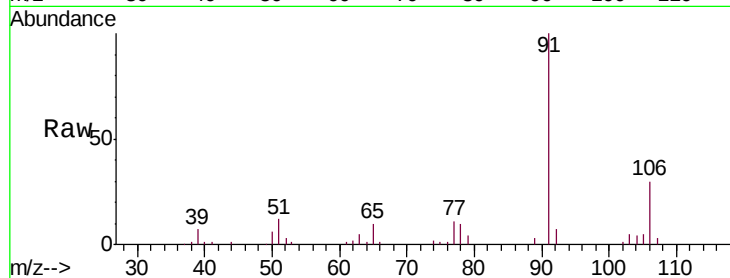
VU0730WBS01

Tgt Ion: 91 Resp: 48136

Ion Ratio Lower Upper

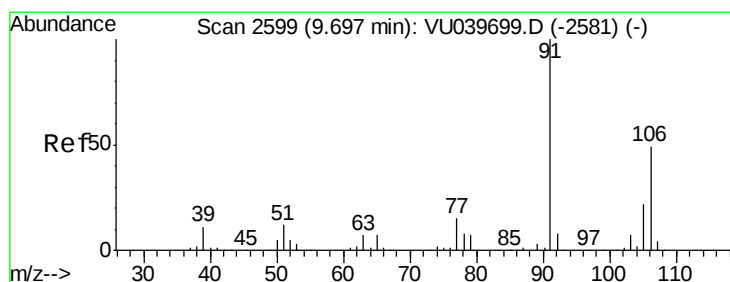
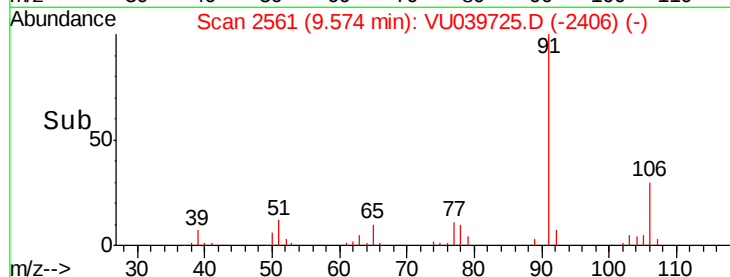
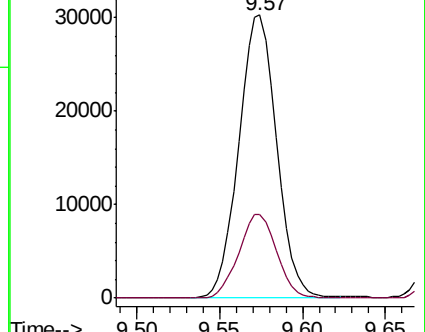
91 100

106 29.7 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: 3.555 ug/l

RT: 9.70 min Scan# 2599

Delta R.T. -0.00 min

Lab File: VU039725.D

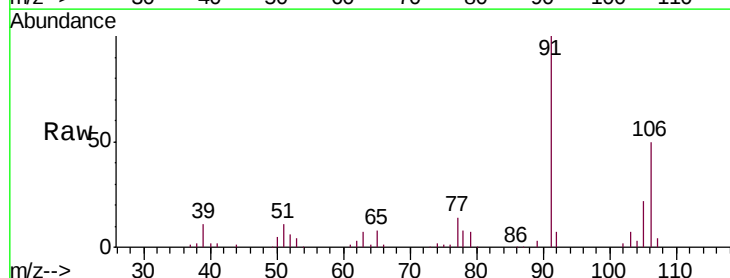
Acq: 30 Jul 2020 17:29

Tgt Ion: 106 Resp: 38588

Ion Ratio Lower Upper

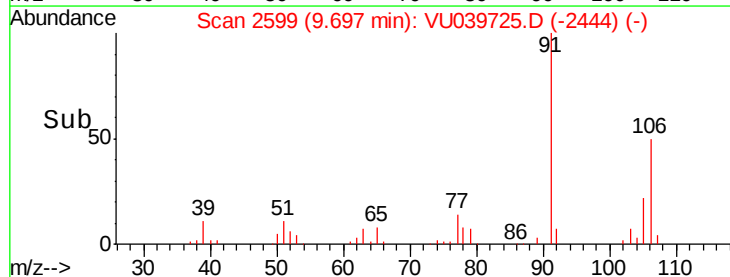
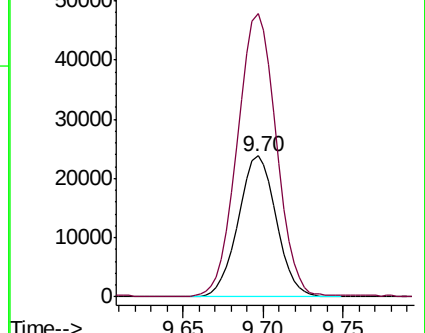
106 100

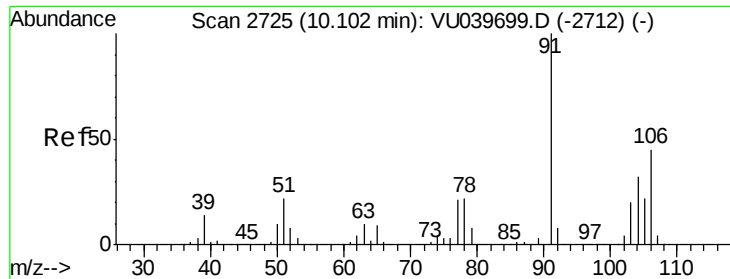
91 204.6 163.9 245.9



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

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

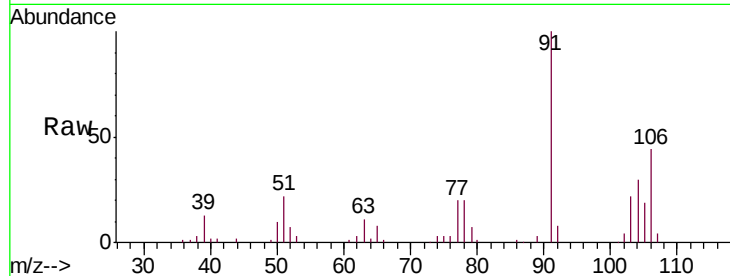




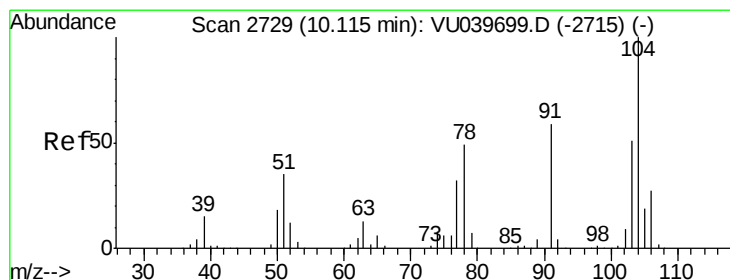
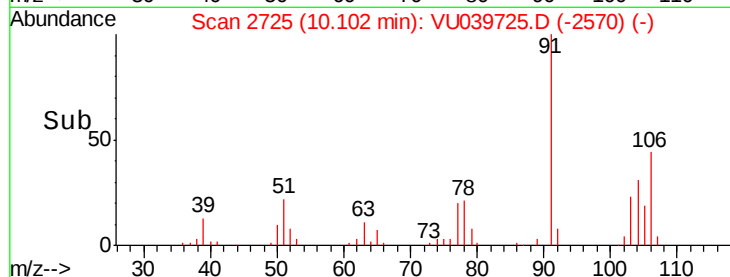
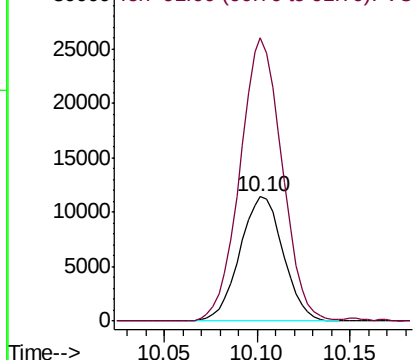
#65
o-Xylene
Concen: 1.805 ug/l
RT: 10.10 min Scan# 2725
Delta R.T. -0.00 min
Lab File: VU039725.D
Acq: 30 Jul 2020 17:29

Instrument :
MSVOA_U
ClientSampleId :
VU0730WBS01

Tgt Ion:106 Resp: 18604
Ion Ratio Lower Upper
106 100
91 220.1 110.3 331.0

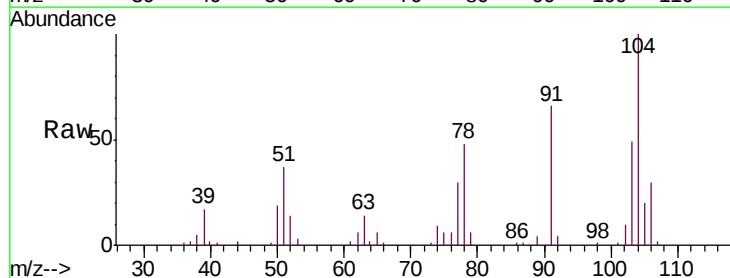


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

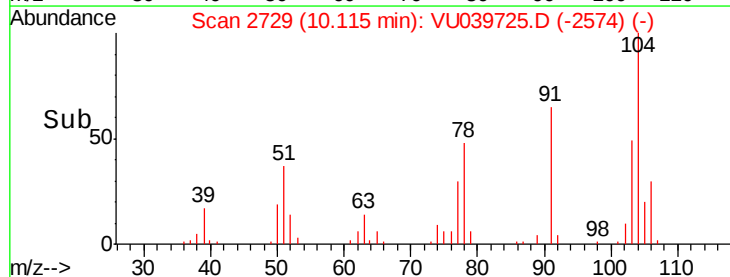
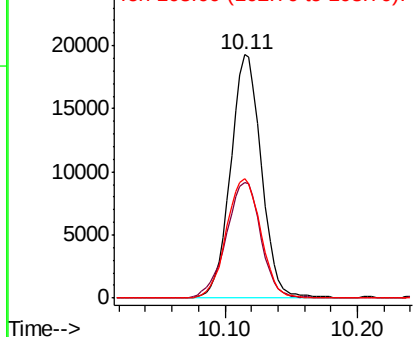


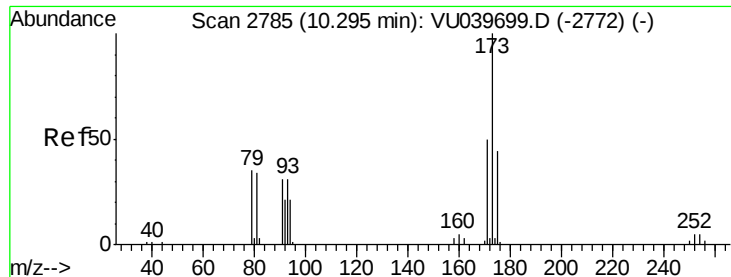
#66
Styrene
Concen: 1.761 ug/l
RT: 10.11 min Scan# 2729
Delta R.T. -0.00 min
Lab File: VU039725.D
Acq: 30 Jul 2020 17:29

Tgt Ion:104 Resp: 31095
Ion Ratio Lower Upper
104 100
78 53.2 42.2 63.4
103 54.5 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: 1.782 ug/l

RT: 10.29 min Scan# 2784

Delta R.T. -0.00 min

Lab File: VU039725.D

Acq: 30 Jul 2020 17:29

Instrument :

MSVOA_U

ClientSampleId :

VU0730WBS01

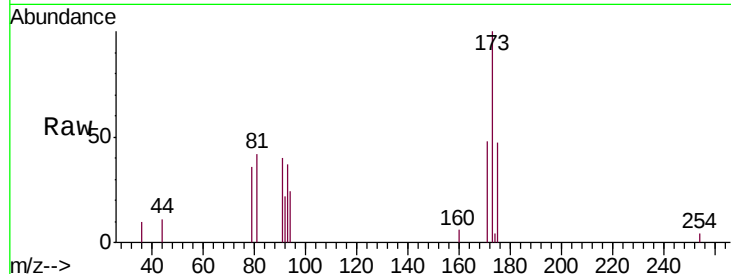
Tgt Ion:173 Resp: 4739

Ion Ratio Lower Upper

173 100

175 48.4 36.7 55.1

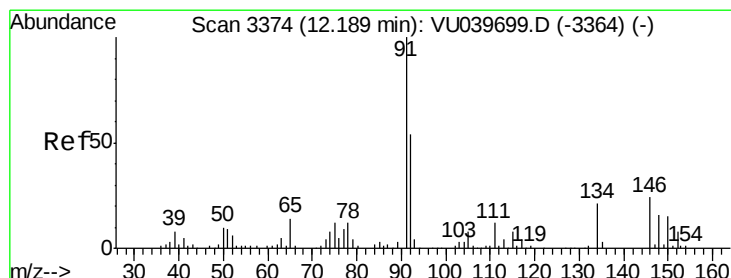
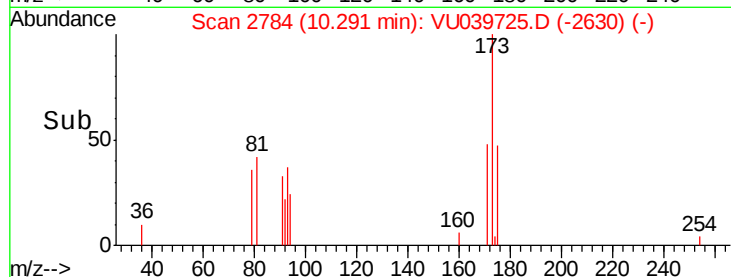
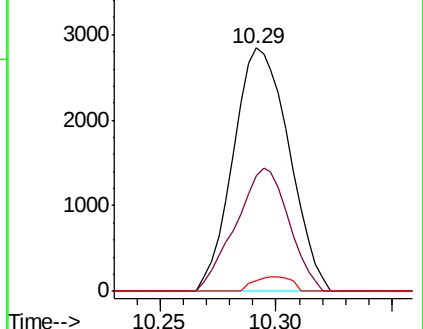
254 4.0 3.8 5.8



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: 0.926 ug/l

RT: 12.19 min Scan# 3374

Delta R.T. -0.00 min

Lab File: VU039725.D

Acq: 30 Jul 2020 17:29

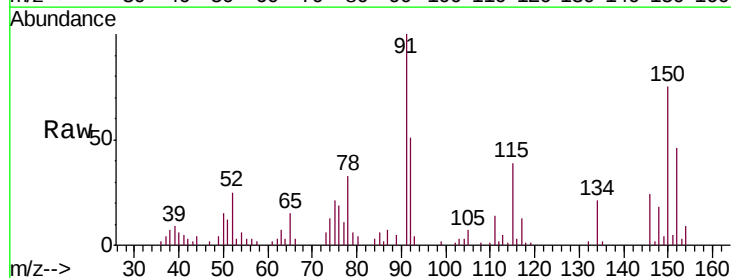
Tgt Ion:152 Resp: 7131

Ion Ratio Lower Upper

152 100

115 92.7 0.0 302.4

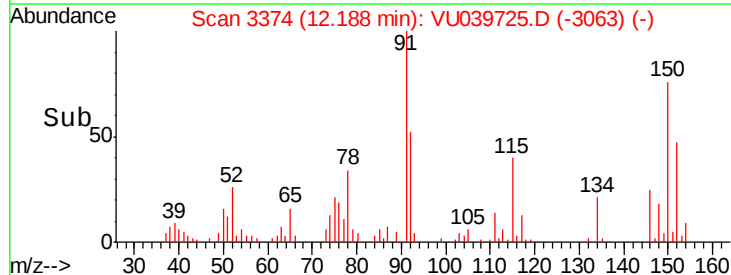
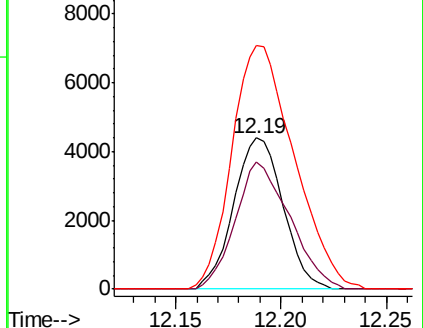
150 202.9 0.0 645.8

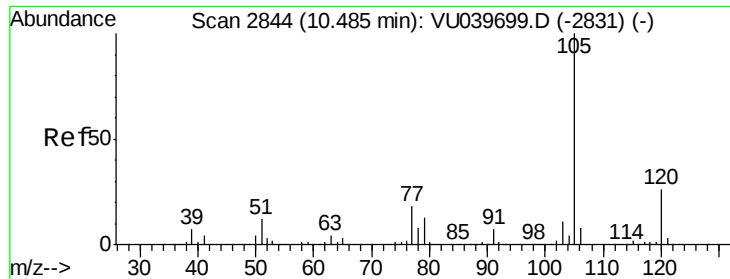


Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V





#69

Isopropylbenzene

Concen: 1.718 ug/l

RT: 10.48 min Scan# 2844

Delta R.T. -0.00 min

Lab File: VU039725.D

Acq: 30 Jul 2020 17:29

Instrument :

MSVOA_U

ClientSampleId :

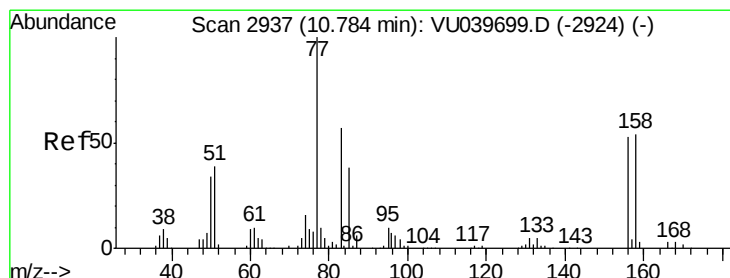
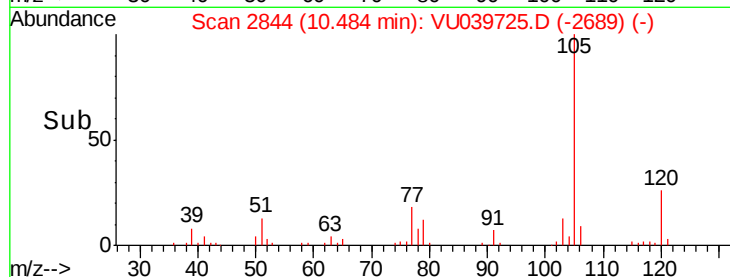
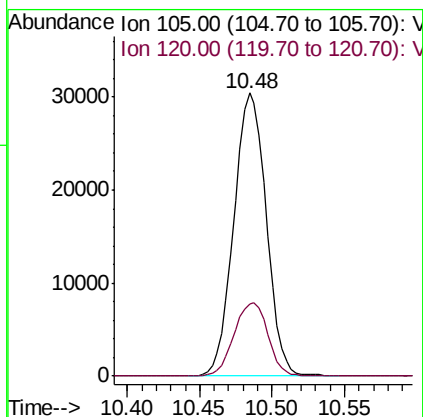
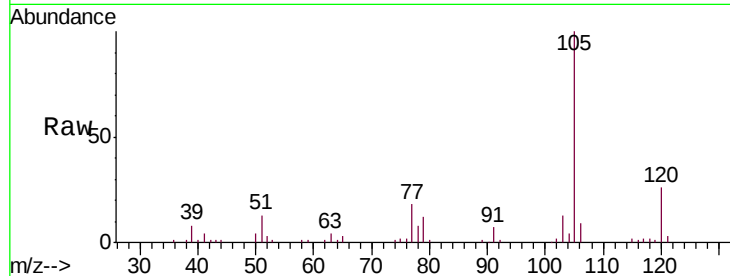
VU0730WBS01

Tgt Ion:105 Resp: 47305

Ion Ratio Lower Upper

105 100

120 26.8 12.8 38.4



#70

1,1,2,2-Tetrachloroethane

Concen: 1.983 ug/l

RT: 10.78 min Scan# 2937

Delta R.T. -0.00 min

Lab File: VU039725.D

Acq: 30 Jul 2020 17:29

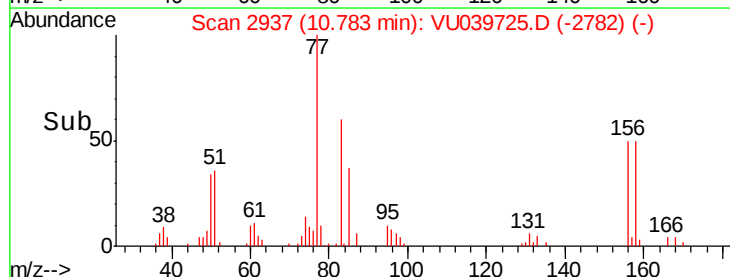
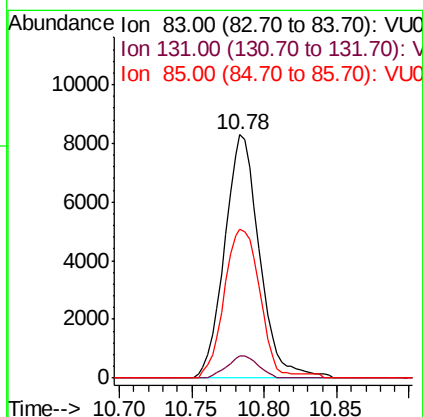
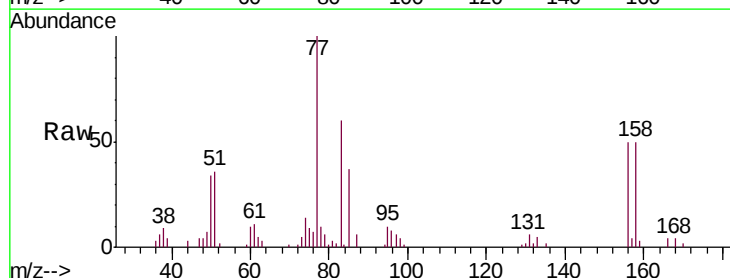
Tgt Ion: 83 Resp: 13853

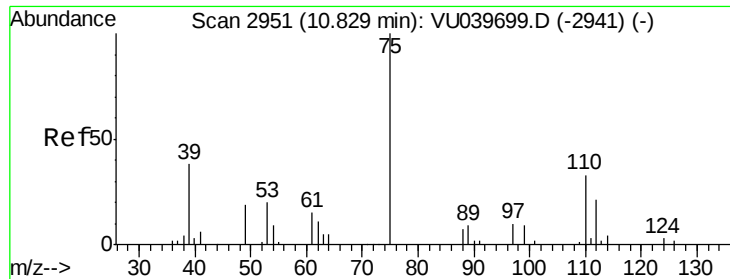
Ion Ratio Lower Upper

83 100

131 8.2 7.0 10.6

85 63.1 50.6 75.8

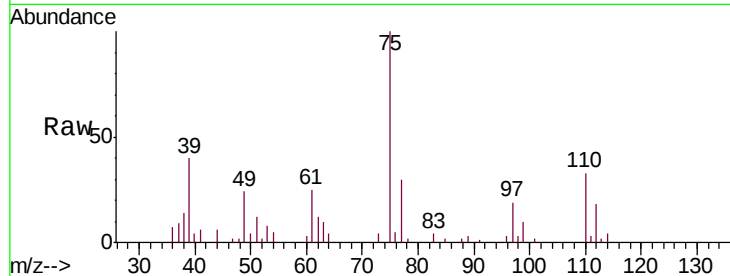




#71
1,2,3-Trichloropropane
Concen: 3.044 ug/l
RT: 10.83 min Scan# 2950
Delta R.T. -0.00 min
Lab File: VU039725.D
Acq: 30 Jul 2020 17:29

Instrument :
MSVOA_U
ClientSampleId :
VU0730WBS01

Tgt Ion:	75	Resp:	16020
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	91.0
110	22.8	0.0	64.2
97	12.3	0.0	32.6



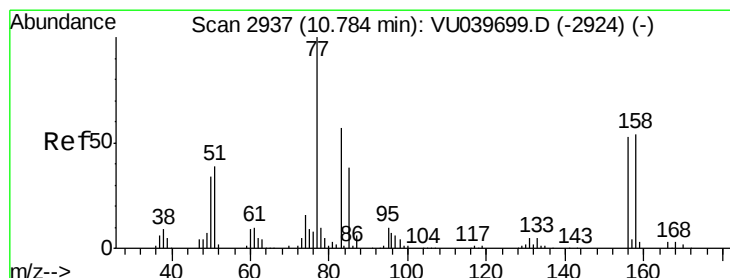
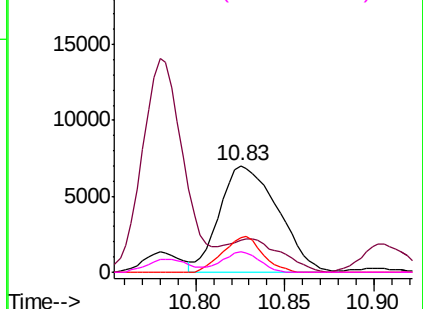
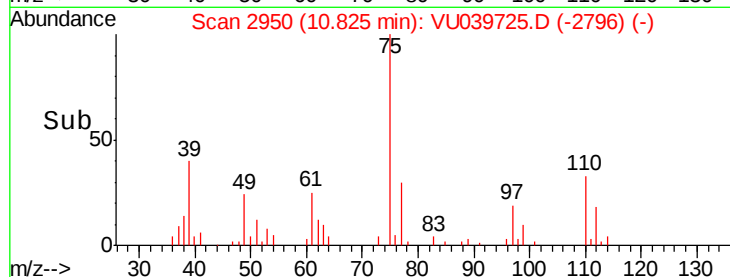
Abundance

Ion 75.00 (74.70 to 75.70): VU039699.D (-2941) (-)

Ion 77.00 (76.70 to 77.70): VU039699.D (-2941) (-)

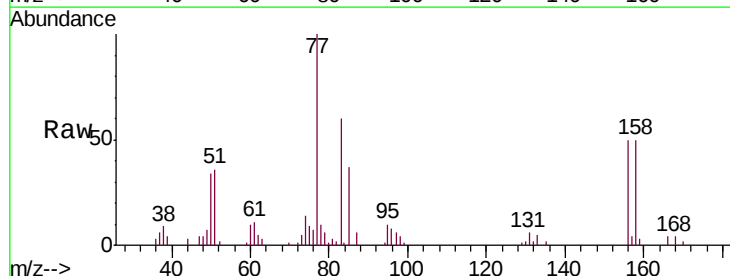
Ion 110.00 (109.70 to 110.70): VU039699.D (-2941) (-)

Ion 97.00 (96.70 to 97.70): VU039699.D (-2941) (-)



#72
Bromobenzene
Concen: 1.777 ug/l
RT: 10.78 min Scan# 2937
Delta R.T. -0.00 min
Lab File: VU039725.D
Acq: 30 Jul 2020 17:29

Tgt Ion:	156	Resp:	11112
Ion	Ratio	Lower	Upper
156	100		
77	202.6	0.0	385.2
158	97.4	0.0	200.8

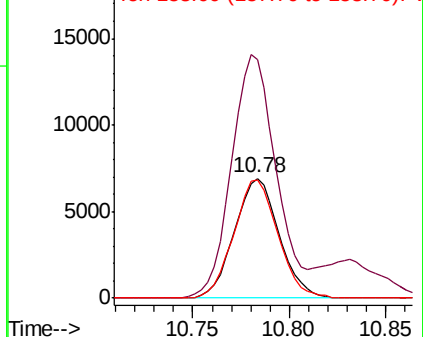
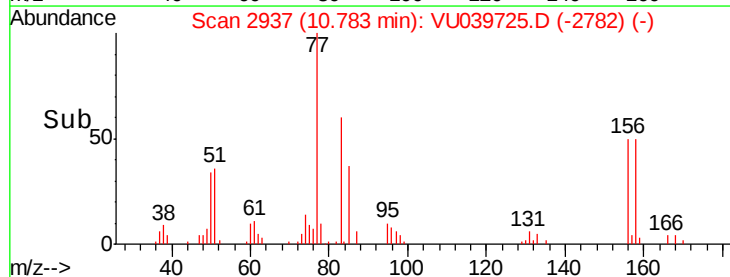


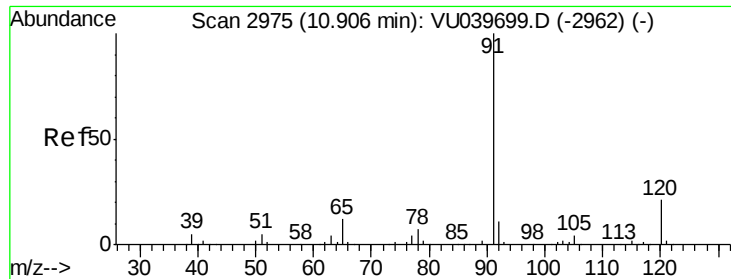
Abundance

Ion 156.00 (155.70 to 156.70): VU039699.D (-2924) (-)

Ion 77.00 (76.70 to 77.70): VU039699.D (-2924) (-)

Ion 158.00 (157.70 to 158.70): VU039699.D (-2924) (-)





#73

n-propylbenzene

Concen: 1.721 ug/l

RT: 10.91 min Scan# 2975

Delta R.T. -0.00 min

Lab File: VU039725.D

Acq: 30 Jul 2020 17:29

Instrument :

MSVOA_U

ClientSampleId :

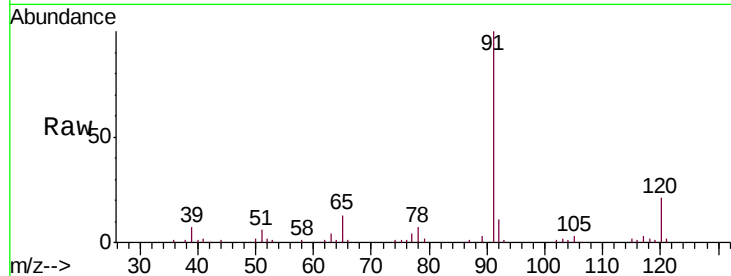
VU0730WBS01

Tgt Ion:120 Resp: 13319

Ion Ratio Lower Upper

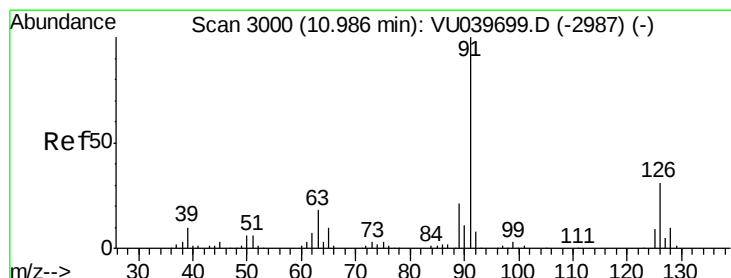
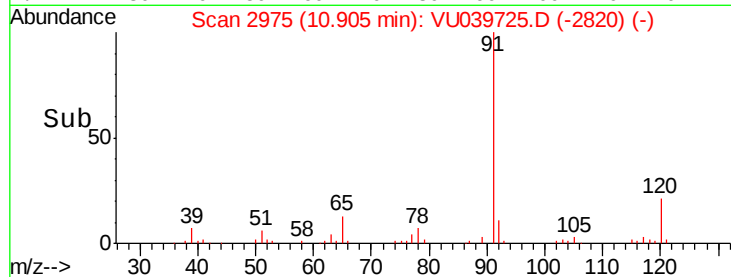
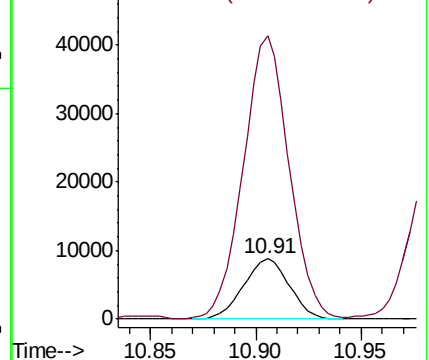
120 100

91 464.9 371.7 557.5



Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0



#74

2-Chlorotoluene

Concen: 1.802 ug/l

RT: 10.99 min Scan# 3000

Delta R.T. -0.00 min

Lab File: VU039725.D

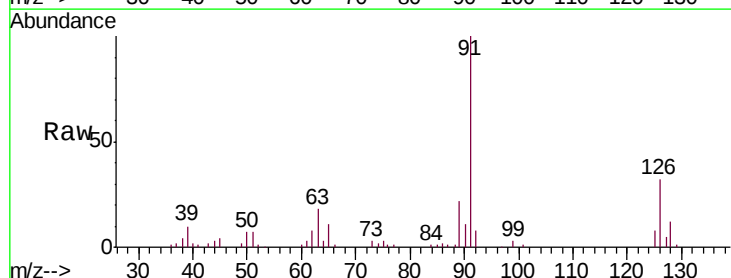
Acq: 30 Jul 2020 17:29

Tgt Ion:126 Resp: 11783

Ion Ratio Lower Upper

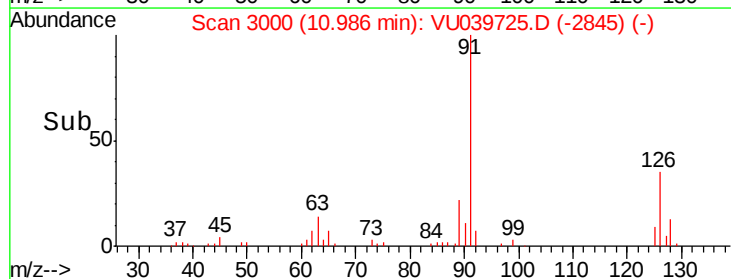
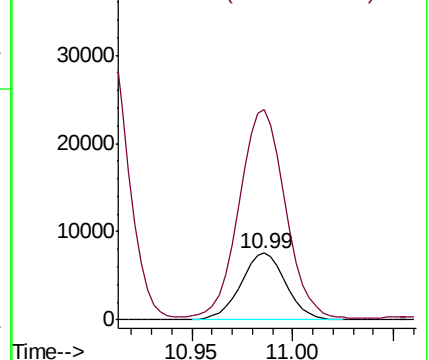
126 100

91 324.6 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: 1.766 ug/l

RT: 11.09 min Scan# 3032

Delta R.T. 0.00 min

Lab File: VU039725.D

Acq: 30 Jul 2020 17:29

Instrument :

MSVOA_U

ClientSampleId :

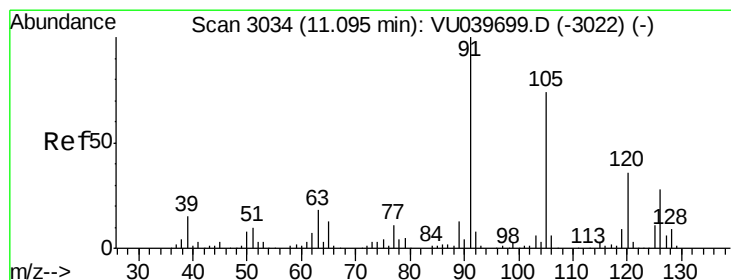
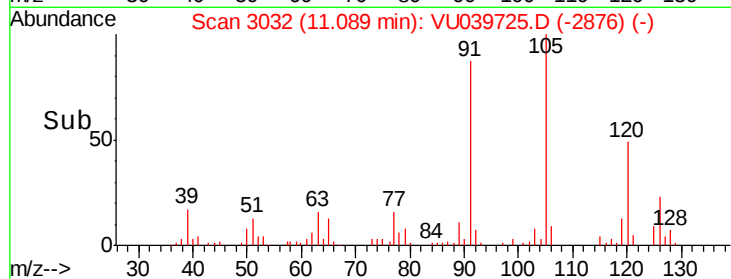
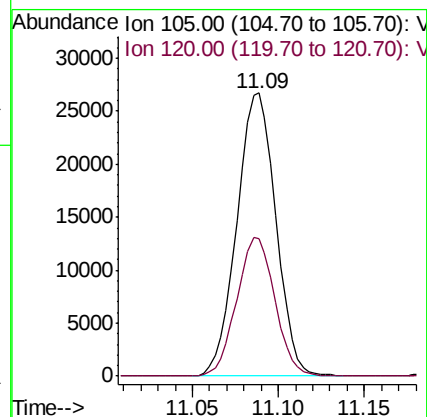
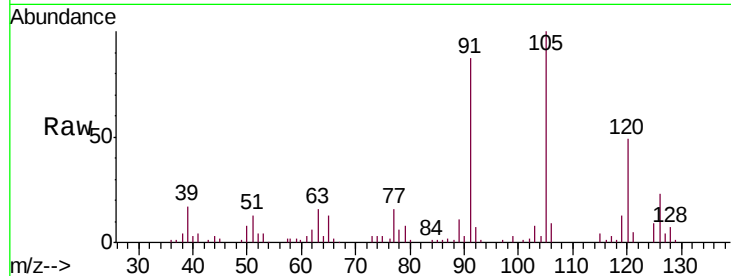
VU0730WBS01

Tgt Ion:105 Resp: 42022

Ion Ratio Lower Upper

105 100

120 47.8 38.0 57.0



#76

4-Chlorotoluene

Concen: 1.849 ug/l

RT: 11.10 min Scan# 3034

Delta R.T. -0.00 min

Lab File: VU039725.D

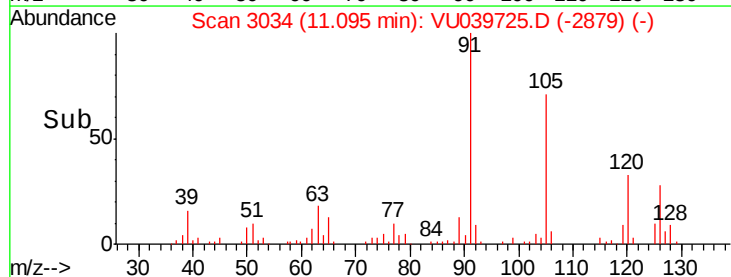
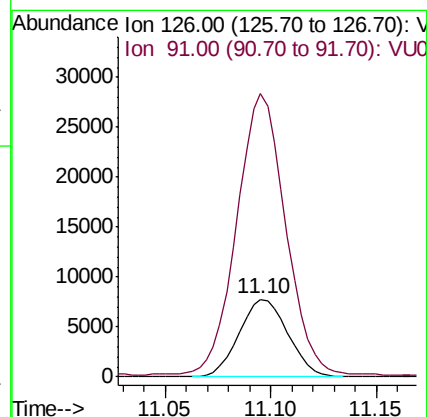
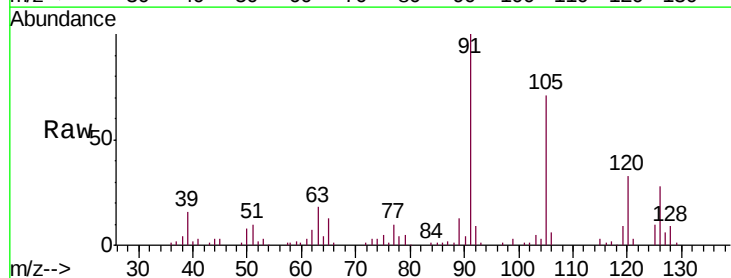
Acq: 30 Jul 2020 17:29

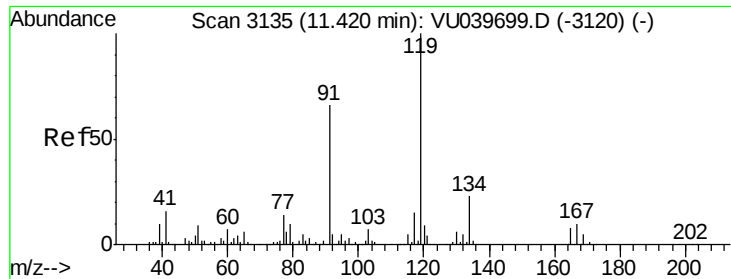
Tgt Ion:126 Resp: 12521

Ion Ratio Lower Upper

126 100

91 365.8 0.0 732.2





#77

tert-Butylbenzene

Concen: 1.706 ug/l

RT: 11.42 min Scan# 3135

Delta R.T. -0.00 min

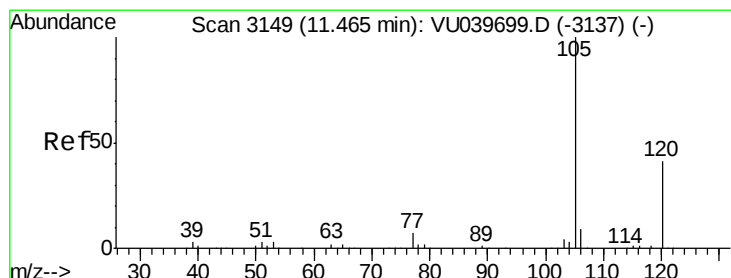
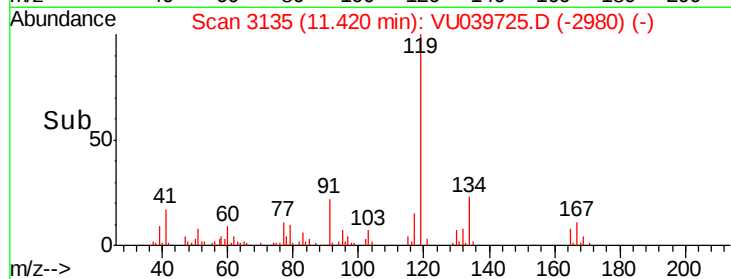
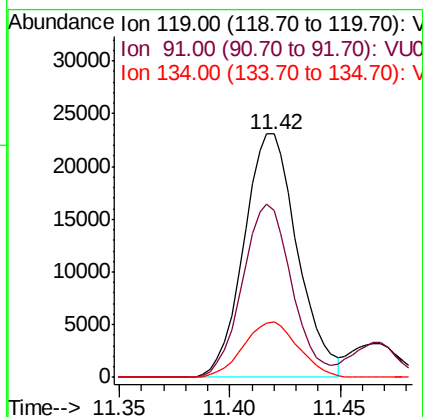
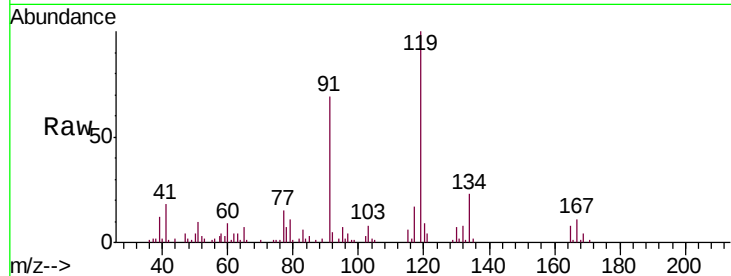
Lab File: VU039725.D

Acq: 30 Jul 2020 17:29

Instrument :
MSVOA_U
ClientSampleId :
VU0730WBS01

Tgt Ion:119 Resp: 38956

Ion	Ratio	Lower	Upper
119	100		
91	65.7	31.9	95.5
134	23.2	18.2	27.4



#78

1,2,4-Trimethylbenzene

Concen: 1.729 ug/l

RT: 11.46 min Scan# 3149

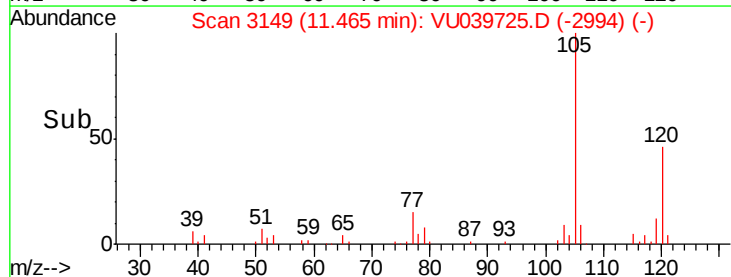
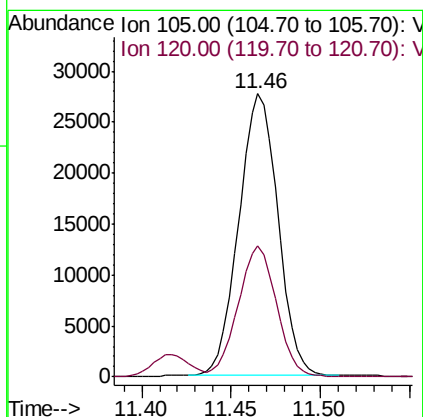
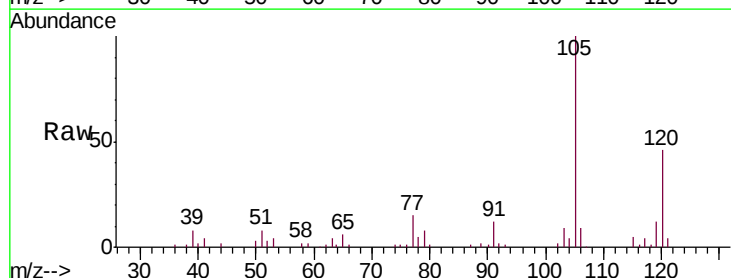
Delta R.T. -0.00 min

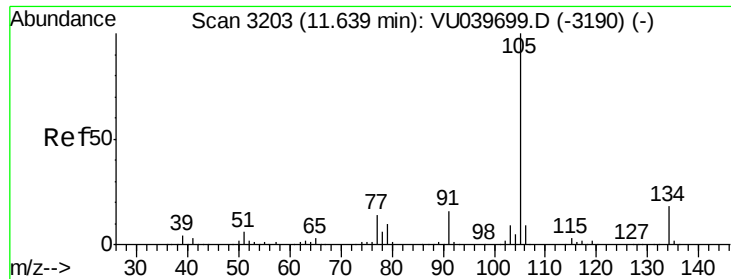
Lab File: VU039725.D

Acq: 30 Jul 2020 17:29

Tgt Ion:105 Resp: 42192

Ion	Ratio	Lower	Upper
105	100		
120	45.8	22.7	68.0

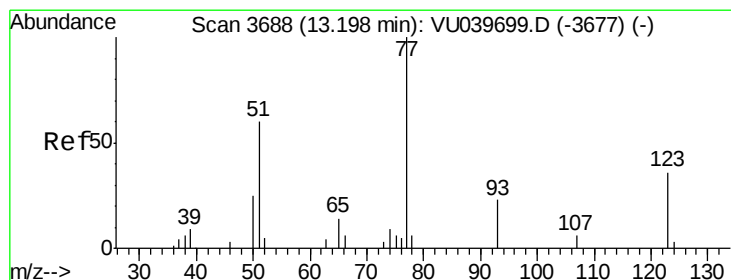
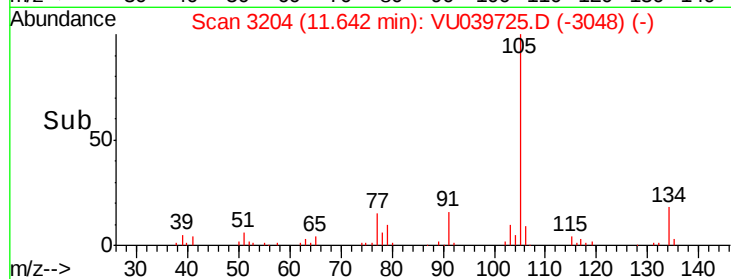
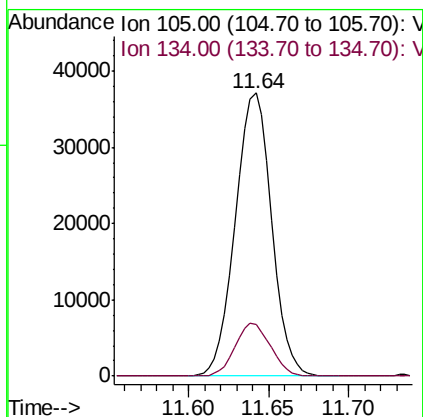
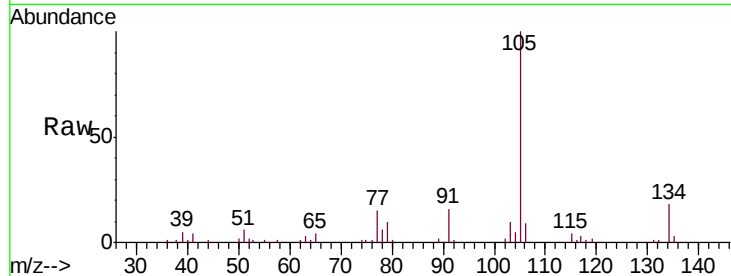




#79
 sec-Butylbenzene
 Concen: 1.762 ug/l
 RT: 11.64 min Scan# 3204
 Delta R.T. 0.00 min
 Lab File: VU039725.D
 Acq: 30 Jul 2020 17:29

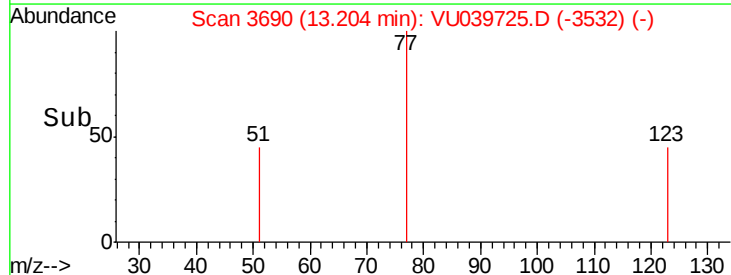
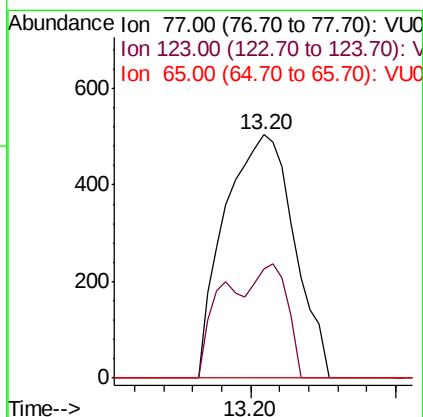
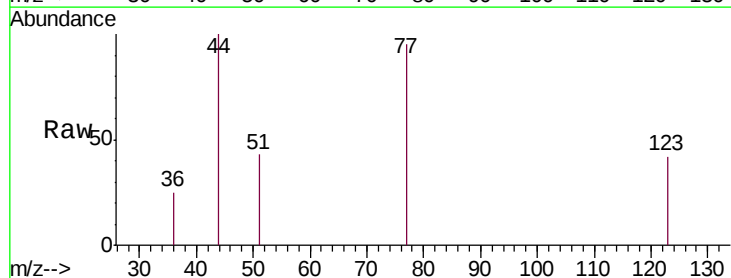
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0730WBS01

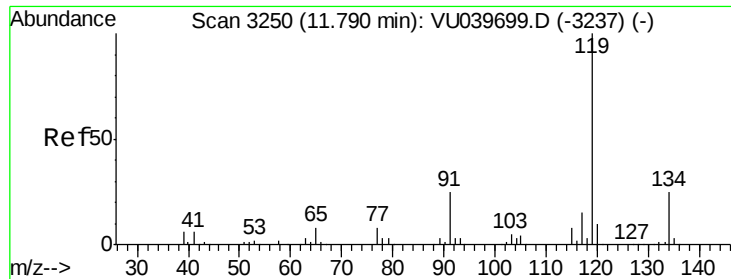
Tgt Ion: 105 Resp: 57255
 Ion Ratio Lower Upper
 105 100
 134 18.1 14.8 22.2



#80
 Nitrobenzene
 Concen: 7.096 ug/l
 RT: 13.20 min Scan# 3690
 Delta R.T. 0.01 min
 Lab File: VU039725.D
 Acq: 30 Jul 2020 17:29

Tgt Ion: 77 Resp: 839
 Ion Ratio Lower Upper
 77 100
 123 22.9 16.9 59.9
 65 0.0 14.4 18.4#

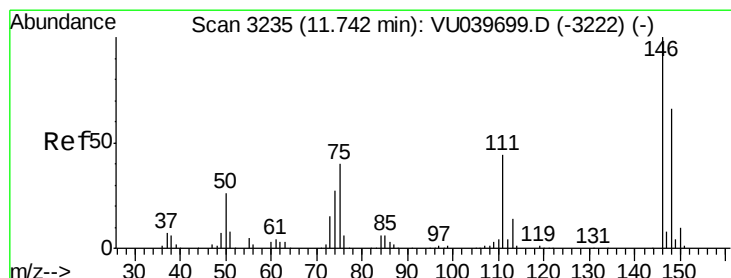
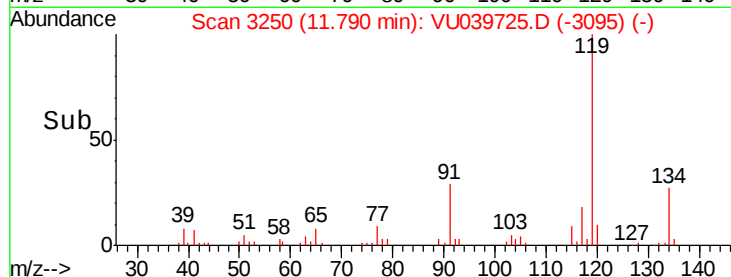
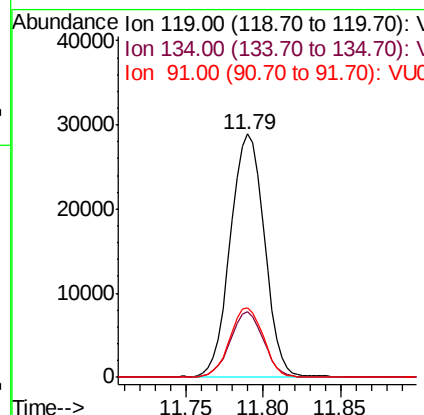
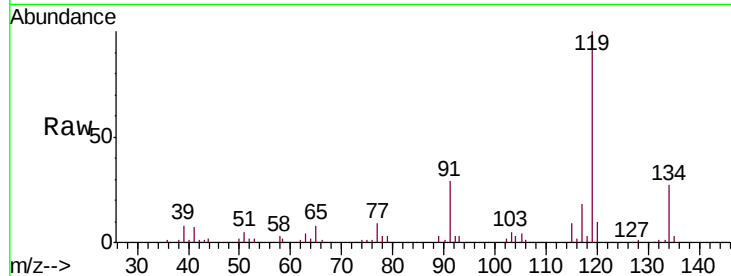




#81
 p-Isopropyltoluene
 Concen: 1.693 ug/l
 RT: 11.79 min Scan# 3250
 Delta R.T. -0.00 min
 Lab File: VU039725.D
 Acq: 30 Jul 2020 17:29

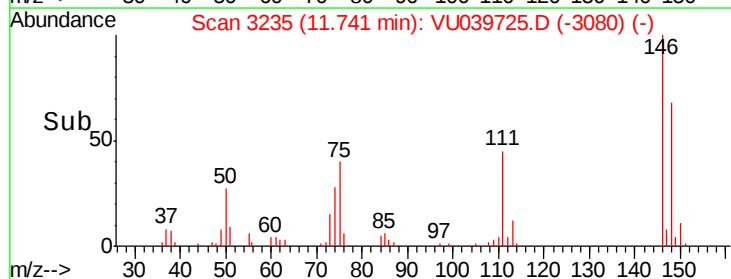
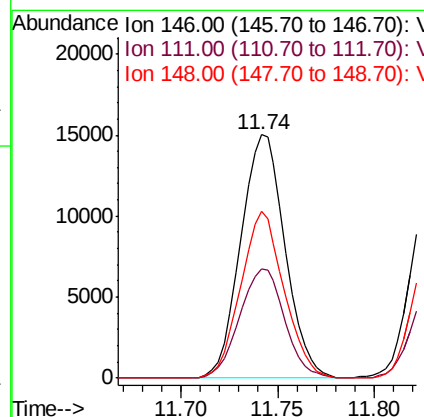
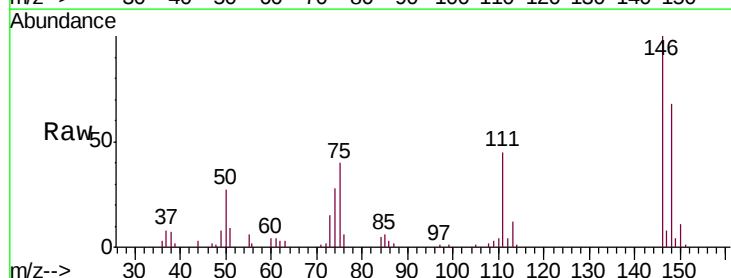
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0730WBS01

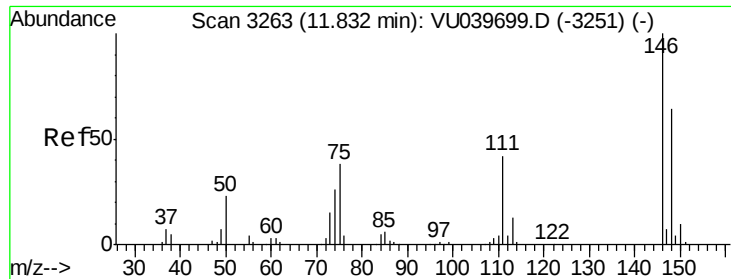
Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.3	20.2	30.4
91	28.1	20.7	31.1



#82
 1,3-Dichlorobenzene
 Concen: 1.774 ug/l
 RT: 11.74 min Scan# 3235
 Delta R.T. -0.00 min
 Lab File: VU039725.D
 Acq: 30 Jul 2020 17:29

Tgt Ion	Ratio	Lower	Upper
146	100		
111	45.6	34.5	51.7
148	66.8	51.4	77.0

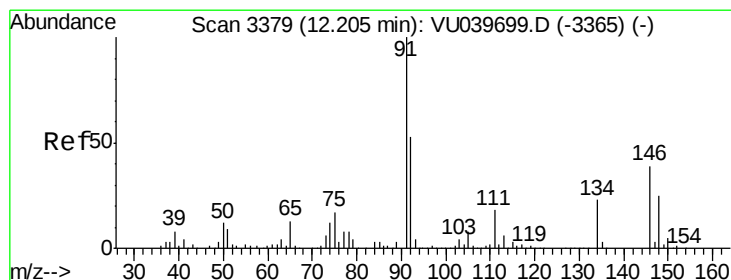
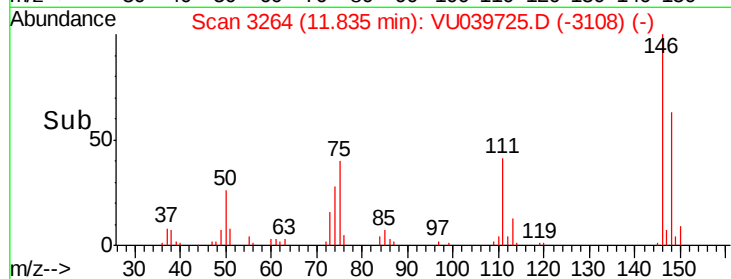
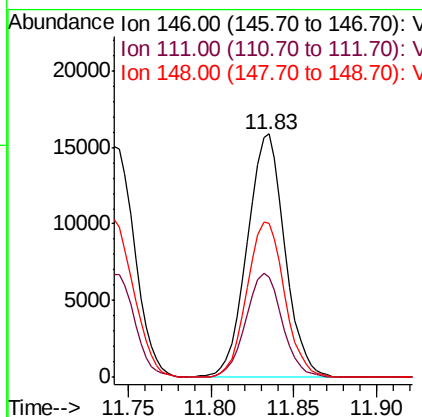
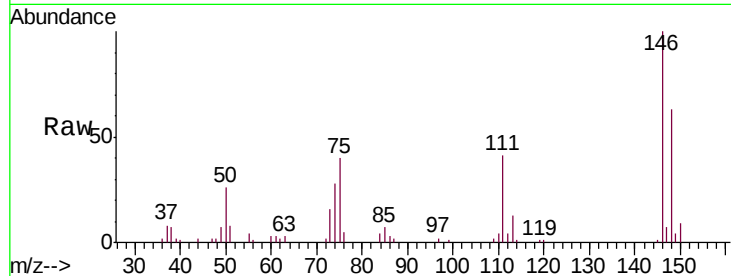




#83
 1,4-Dichlorobenzene
 Concen: 1.857 ug/l
 RT: 11.83 min Scan# 3264
 Delta R.T. 0.00 min
 Lab File: VU039725.D
 Acq: 30 Jul 2020 17:29

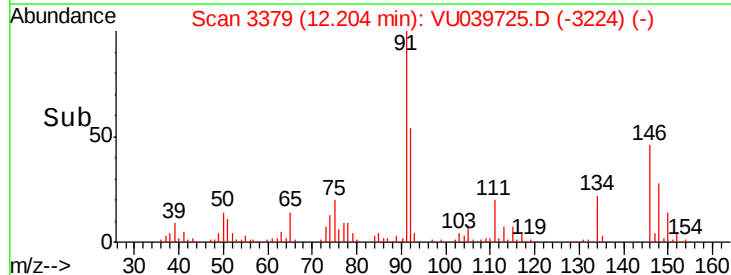
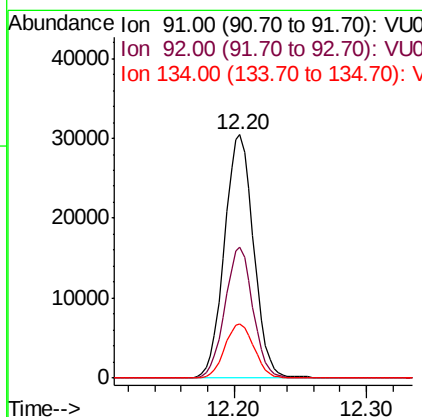
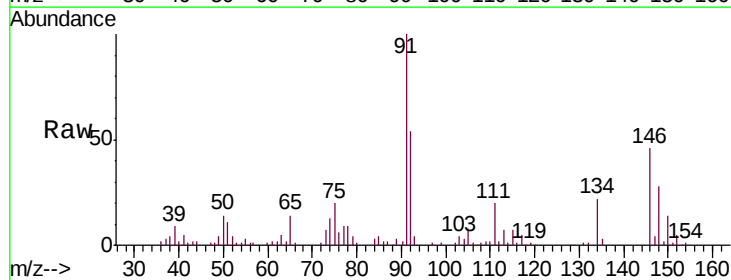
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0730WBS01

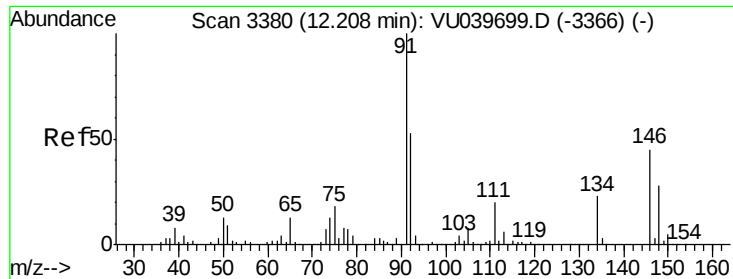
Tgt Ion: 146 Resp: 25128
 Ion Ratio Lower Upper
 146 100
 111 41.5 33.8 50.6
 148 63.8 51.1 76.7



#84
 n-Butylbenzene
 Concen: 1.673 ug/l
 RT: 12.20 min Scan# 3379
 Delta R.T. -0.00 min
 Lab File: VU039725.D
 Acq: 30 Jul 2020 17:29

Tgt Ion: 91 Resp: 46522
 Ion Ratio Lower Upper
 91 100
 92 51.7 42.6 64.0
 134 22.2 18.2 27.4

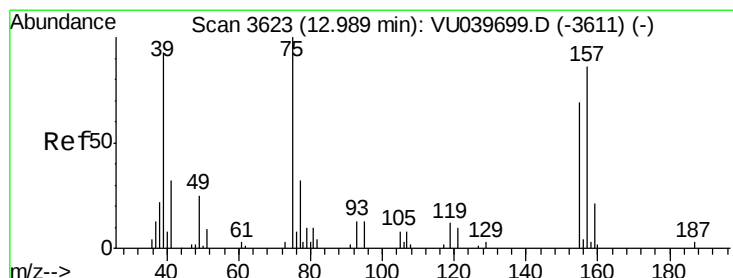
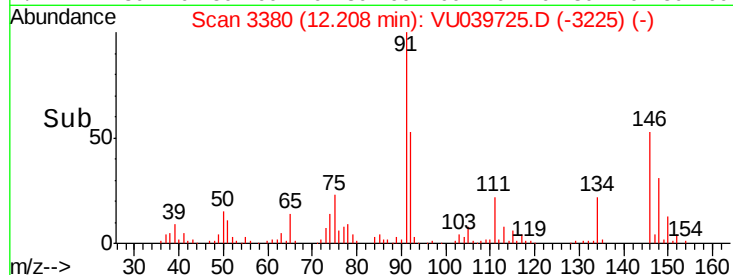
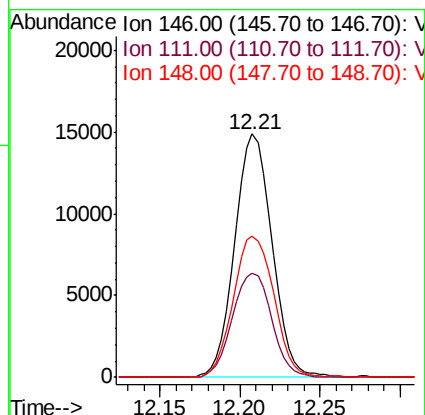
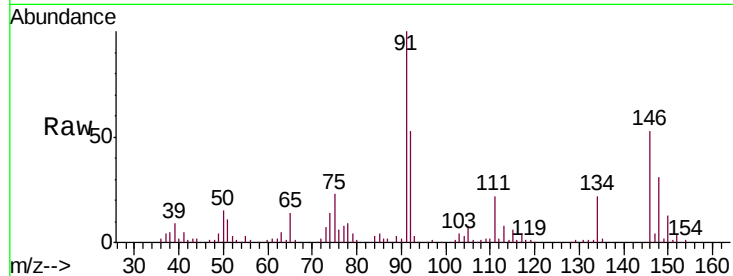




#85
 1,2-Dichlorobenzene
 Concen: 1.822 ug/l
 RT: 12.21 min Scan# 3380
 Delta R.T. -0.00 min
 Lab File: VU039725.D
 Acq: 30 Jul 2020 17:29

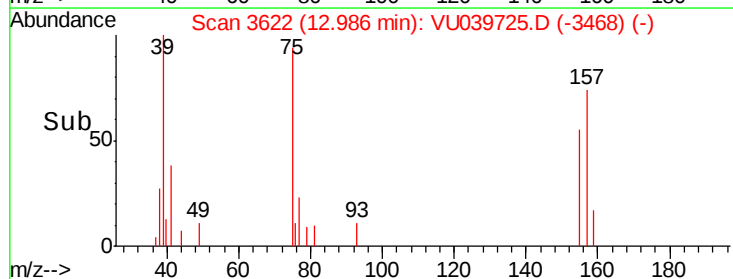
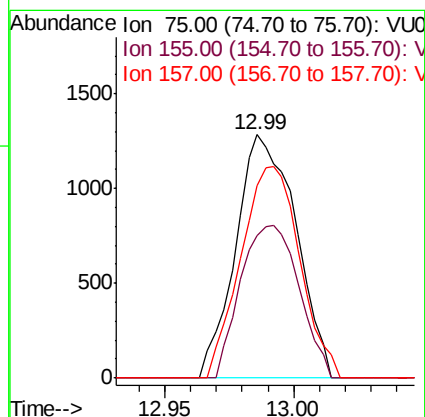
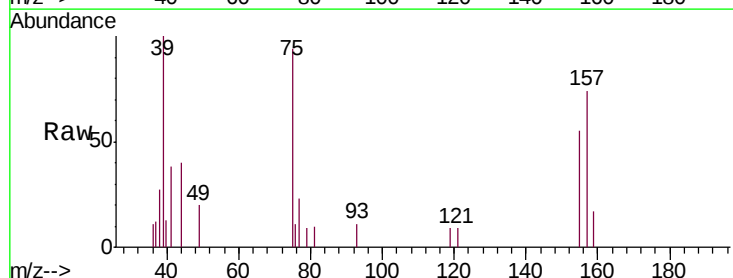
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0730WBS01

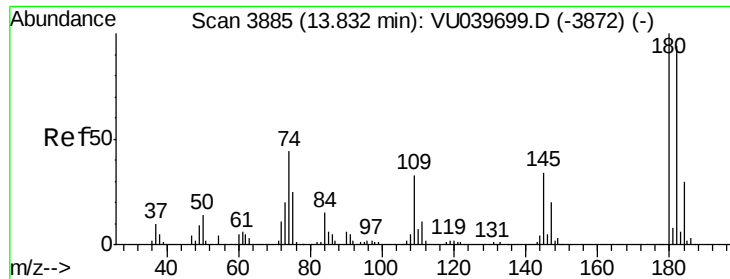
Tgt Ion: 146 Resp: 23625
 Ion Ratio Lower Upper
 146 100
 111 44.9 22.8 68.3
 148 62.7 31.7 95.1



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 1.770 ug/l
 RT: 12.99 min Scan# 3622
 Delta R.T. -0.00 min
 Lab File: VU039725.D
 Acq: 30 Jul 2020 17:29

Tgt Ion: 75 Resp: 2083
 Ion Ratio Lower Upper
 75 100
 155 61.3 52.9 79.3
 157 85.7 67.8 101.6

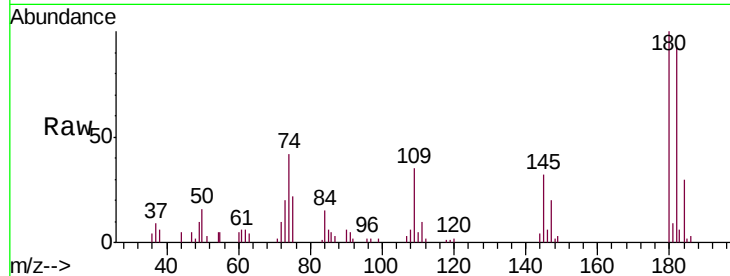




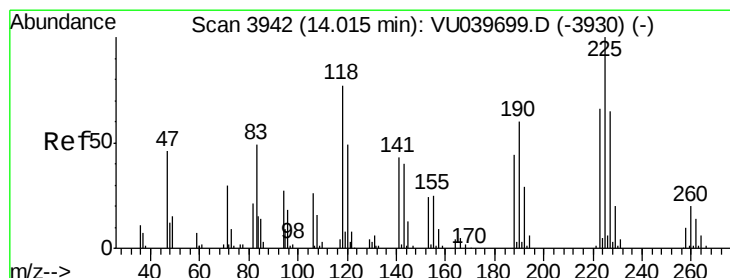
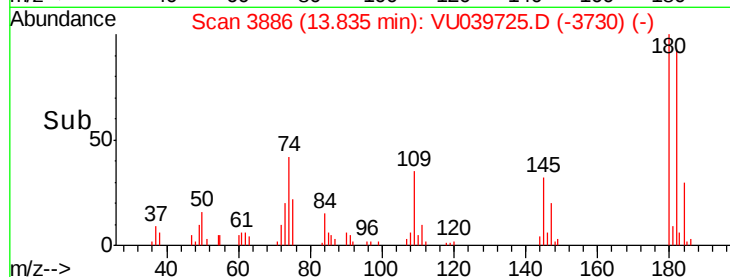
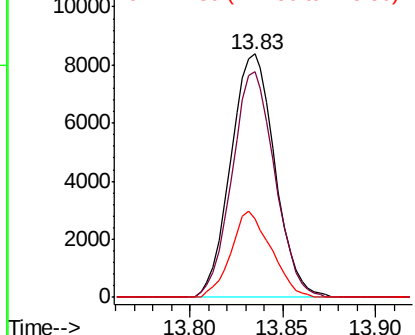
#87
 1,2,4-Trichlorobenzene
 Concen: 1.704 ug/l
 RT: 13.83 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VU039725.D
 Acq: 30 Jul 2020 17:29

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0730WBS01

Tgt Ion:180 Resp: 13818
 Ion Ratio Lower Upper
 180 100
 182 90.1 76.2 114.4
 145 32.3 26.8 40.2

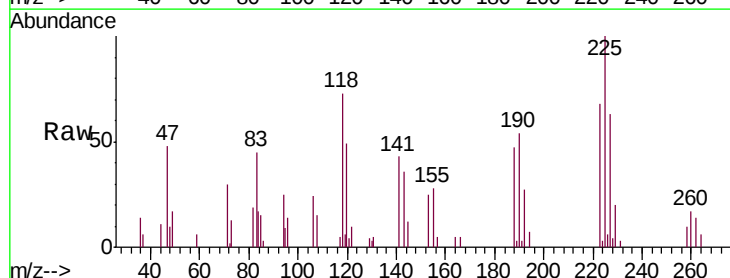


Abundance Ion 179.70 (179.40 to 180.40): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

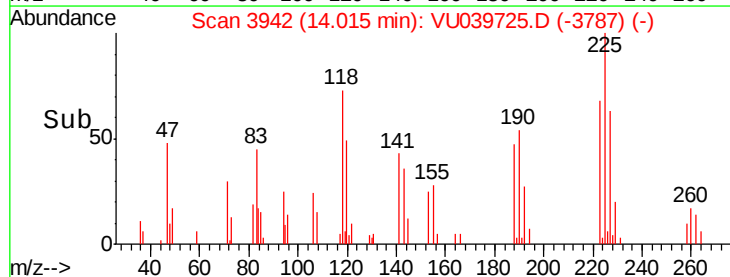
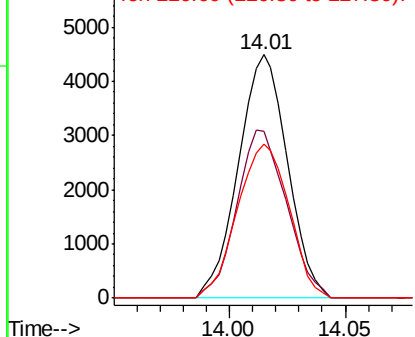


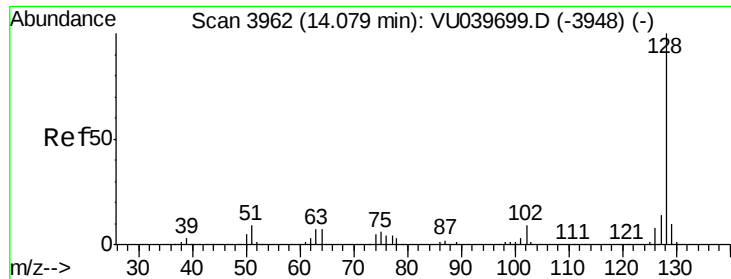
#88
 Hexachlorobutadiene
 Concen: 1.791 ug/l
 RT: 14.01 min Scan# 3942
 Delta R.T. -0.00 min
 Lab File: VU039725.D
 Acq: 30 Jul 2020 17:29

Tgt Ion:225 Resp: 6597
 Ion Ratio Lower Upper
 225 100
 223 69.9 52.4 78.6
 227 66.8 50.7 76.1



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





#89

Naphthalene

Concen: 1.492 ug/l

RT: 14.08 min Scan# 3963

Delta R.T. 0.00 min

Lab File: VU039725.D

Acq: 30 Jul 2020 17:29

Instrument :

MSVOA_U

ClientSampleId :

VU0730WBS01

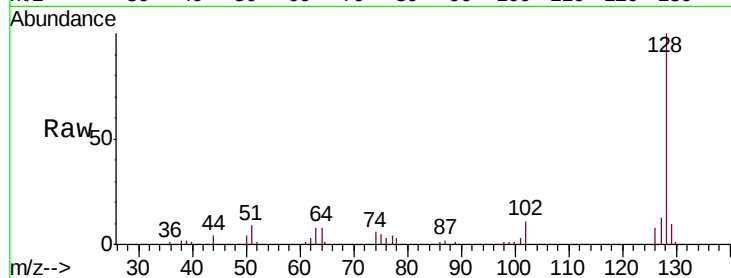
Tgt Ion:128 Resp: 25888

Ion Ratio Lower Upper

128 100

127 14.4 11.0 16.4

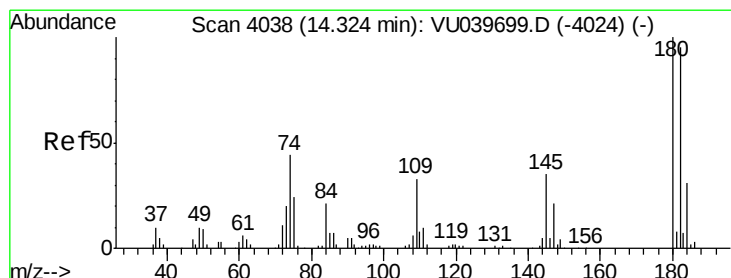
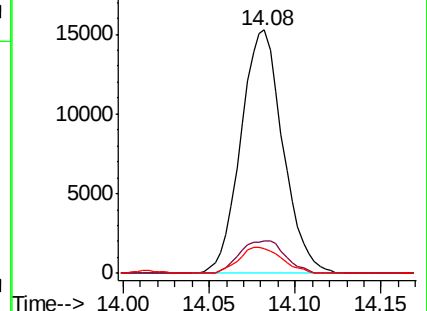
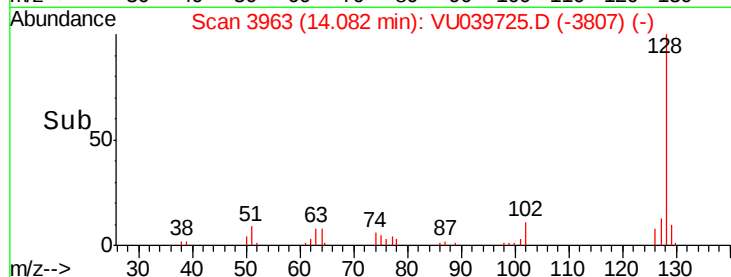
129 10.9 8.4 12.6



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: 1.660 ug/l

RT: 14.32 min Scan# 4038

Delta R.T. -0.00 min

Lab File: VU039725.D

Acq: 30 Jul 2020 17:29

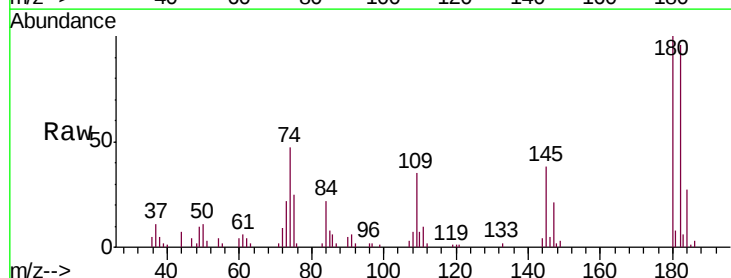
Tgt Ion:180 Resp: 12714

Ion Ratio Lower Upper

180 100

182 97.1 76.0 114.0

145 37.1 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

