

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072920\
 Data File : VU039714.D
 Acq On : 29 Jul 2020 20:24
 Operator : SY/MD
 Sample : VU0729WBSD01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0729WBSD01

Quant Time: Jul 30 01:50:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U072920DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Jul 30 01:45:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	6.12	96	20622	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.63	95	7080	0.88	ug/l	0.00
Spiked Amount	1.000		Recovery	=	88.00%	
68) 1,2-Dichlorobenzene-d4	12.19	152	7204	0.91	ug/l	0.00
Spiked Amount	1.000		Recovery	=	91.00%	

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	12616	1.761 ug/l	96
3) Chloromethane	1.53	50	18229	2.048 ug/l	96
4) Vinyl Chloride	1.61	62	15918	1.940 ug/l	99
5) Bromomethane	1.86	94	10188	1.816 ug/l	95
6) Chloroethane	1.94	64	11801	2.073 ug/l	98
7) Trichlorofluoromethane	2.15	101	22213	2.047 ug/l	97
8) 1,1,2-Trichloro-1,2,2-trif	2.59	101	11769	1.890 ug/l	99
9) 1,1-Dichloroethene	2.59	96	10876	1.898 ug/l	94
10) Iodomethane	2.73	142	13055	2.259 ug/l	99
11) Allyl Chloride	2.93	41	22851	1.849 ug/l	94
12) Acrylonitrile	3.35	53	9081	4.515 ug/l #	89
13) Acetone	2.66	43	19448	10.277 ug/l	95
14) Carbon Disulfide	2.80	76	38906	1.852 ug/l	96
15) Methylene Chloride	3.06	84	14714	1.842 ug/l	97
16) trans-1,2-Dichloroethene	3.37	96	12005	1.843 ug/l	98
17) 1,1-Dichloroethane	3.89	63	27206	1.902 ug/l	99
18) 2-Butanone	4.76	43	30926	9.718 ug/l	99
19) Cyclohexane	5.39	56	23119	1.670 ug/l	92
20) Methylcyclohexane	6.77	83	16497	1.608 ug/l	97
21) 2,2-Dichloropropane	4.68	77	20303	1.740 ug/l	99
22) cis-1,2-Dichloroethene	4.68	96	13324	1.898 ug/l	97
23) Diethyl Ether	2.39	59	11084	1.892 ug/l	91
24) tert-Butyl Alcohol	3.21	59	1336	Below Cal #	74
25) Methyl tert-Butyl Ether	3.39	73	35744	1.912 ug/l	98
26) Bromochloromethane	5.00	128	5802	2.020 ug/l	94
27) Chloroform	5.11	83	25645	1.916 ug/l	98
28) 1,1,1-Trichloroethane	5.33	97	20833	1.923 ug/l	99
29) 1,1-Dichloropropene	5.54	75	19925	1.910 ug/l	99
30) Carbon Tetrachloride	5.53	117	16922	1.910 ug/l	96
31) Isopropyl Ether	4.02	45	50093	1.920 ug/l	99
32) Ethyl-t-butyl ether	4.53	59	41279	1.859 ug/l	99
33) Tert-Amyl methyl ether	5.97	73	27963	1.747 ug/l	99
34) Propionitrile	4.82	54	3347	4.264 ug/l #	78
35) Benzene	5.78	78	49673	1.925 ug/l	98
36) 1,2-Dichloroethane	5.81	62	18168	1.878 ug/l	100
37) Trichloroethene	6.55	130	10703	1.813 ug/l	98
38) 1,2-Dichloropropane	6.81	63	13303	1.871 ug/l	95
39) Methacrylonitrile	5.01	41	8115	1.962 ug/l	94
40) Methyl acrylate	4.88	55	12645	2.370 ug/l #	90
41) Tetrahydrofuran	5.10	42	9204	4.422 ug/l #	78
42) 1-Chlorobutane	5.47	56	30580	1.868 ug/l	98

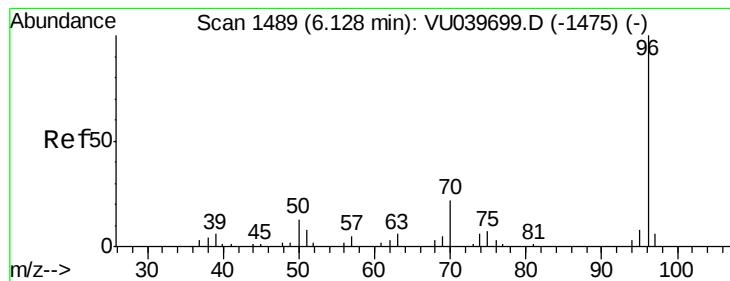
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072920\
 Data File : VU039714.D
 Acq On : 29 Jul 2020 20:24
 Operator : SY/MD
 Sample : VU0729WBSD01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0729WBSD01

Quant Time: Jul 30 01:50:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U072920DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Jul 30 01:45:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.93	93	7128	1.863	ug/l	98
44) Bromodichloromethane	7.12	83	15599	1.778	ug/l	99
45) 4-Methyl-2-Pentanone	7.82	43	52624	9.078	ug/l	97
46) t-1,4-Dichloro-2-butene	10.83	75	15195	8.813	ug/l #	45
47) Methyl methacrylate	6.98	69	12885	3.610	ug/l	97
48) Ethyl methacrylate	8.35	69	11358	1.729	ug/l	97
49) Toluene	7.98	92	26896	1.751	ug/l	97
50) t-1,3-Dichloropropene	8.22	75	12988	1.643	ug/l	91
51) cis-1,3-Dichloropropene	7.62	75	15571	1.676	ug/l	93
52) 1,1,2-Trichloroethane	8.41	97	9189	1.848	ug/l	96
53) 1,3-Dichloropropane	8.58	76	17748	1.859	ug/l	98
54) 2-Hexanone	8.70	43	36485	8.790	ug/l	98
55) Dibromochloromethane	8.82	129	9377	1.756	ug/l	99
56) 1,2-Dibromoethane	8.93	107	9010	1.881	ug/l	100
58) Tetrachloroethene	8.56	164	9276	1.795	ug/l	95
59) Chlorobenzene	9.45	112	27306	1.719	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.54	131	9516	1.777	ug/l	99
61) Pentachloroethane	11.42	117	7870	1.673	ug/l	94
62) Hexachloroethane	12.47	117	6680	1.549	ug/l	94
63) Ethyl Benzene	9.57	91	46559	1.636	ug/l	99
64) m/p-Xylenes	9.70	106	36705	3.301	ug/l	99
65) o-Xylene	10.10	106	17576	1.665	ug/l	100
66) Styrene	10.11	104	29462	1.628	ug/l	99
67) Bromoform	10.29	173	4586	1.684	ug/l #	96
69) Isopropylbenzene	10.48	105	46085	1.634	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.79	83	12975	1.813	ug/l	99
71) 1,2,3-Trichloropropane	10.83	75	15195	2.818	ug/l	80
72) Bromobenzene	10.78	156	11073	1.729	ug/l	95
73) n-propylbenzene	10.91	120	12935	1.631	ug/l	94
74) 2-Chlorotoluene	10.99	126	11295	1.686	ug/l	98
75) 1,3,5-Trimethylbenzene	11.09	105	40062	1.643	ug/l	99
76) 4-Chlorotoluene	11.10	126	12168	1.754	ug/l	92
77) tert-Butylbenzene	11.42	119	38058	1.627	ug/l	99
78) 1,2,4-Trimethylbenzene	11.47	105	40844	1.634	ug/l	100
79) sec-Butylbenzene	11.64	105	53912	1.620	ug/l	100
80) Nitrobenzene	13.20	77	888	8.428	ug/l #	65
81) p-Isopropyltoluene	11.79	119	41878	1.561	ug/l	99
82) 1,3-Dichlorobenzene	11.74	146	23088	1.675	ug/l	99
83) 1,4-Dichlorobenzene	11.83	146	23435	1.690	ug/l	99
84) n-Butylbenzene	12.20	91	42048	1.476	ug/l	98
85) 1,2-Dichlorobenzene	12.21	146	22184	1.670	ug/l	98
86) 1,2-Dibromo-3-Chloropropan	12.99	75	2053	1.703	ug/l	94
87) 1,2,4-Trichlorobenzene	13.83	180	12482	1.502	ug/l	98
88) Hexachlorobutadiene	14.01	225	5913	1.567	ug/l	98
89) Naphthalene	14.08	128	26669	1.500	ug/l	99
90) 1,2,3-Trichlorobenzene	14.32	180	12422	1.584	ug/l	98

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



#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 6.12 min Scan# 1488

Delta R.T. -0.00 min

Lab File: VU039714.D

Acq: 29 Jul 2020 20:24

Instrument :

MSVOA_U

ClientSampleId :

VU0729WBSD01

Tot Ion: 96 Resp: 20622

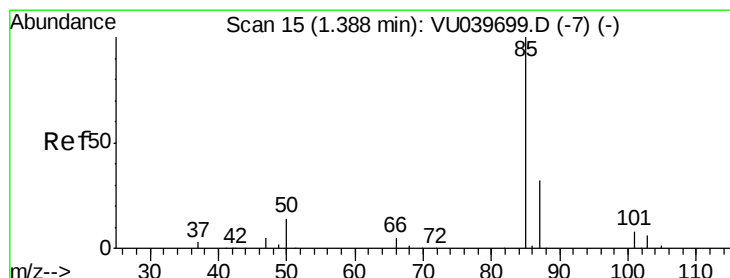
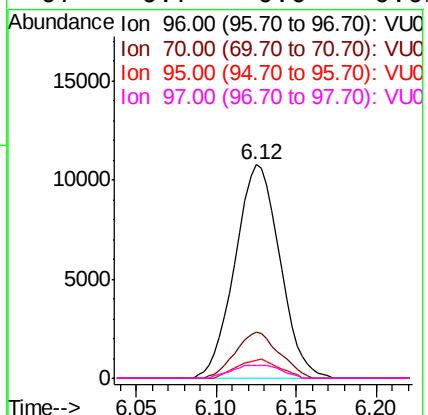
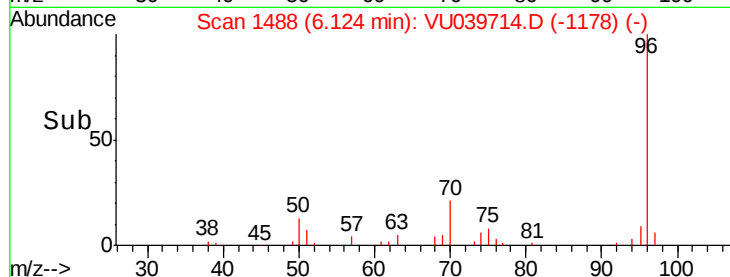
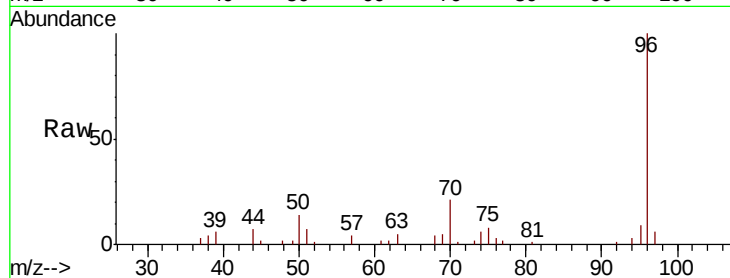
Ion Ratio Lower Upper

96 100

70 21.2 16.3 24.5

95 8.2 6.8 10.2

97 6.7 0.0 0.0#



#2

Dichlorodifluoromethane

Concen: 1.761 ug/l

RT: 1.39 min Scan# 15

Delta R.T. -0.00 min

Lab File: VU039714.D

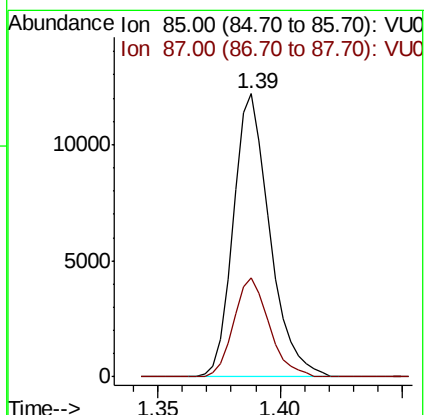
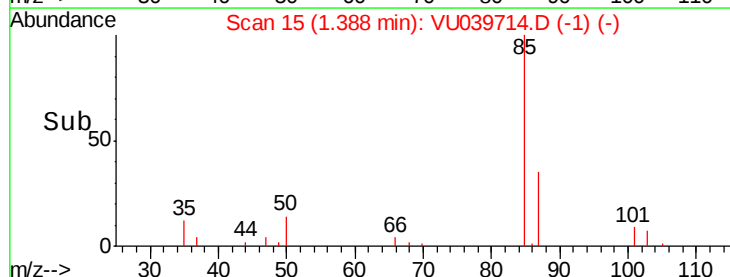
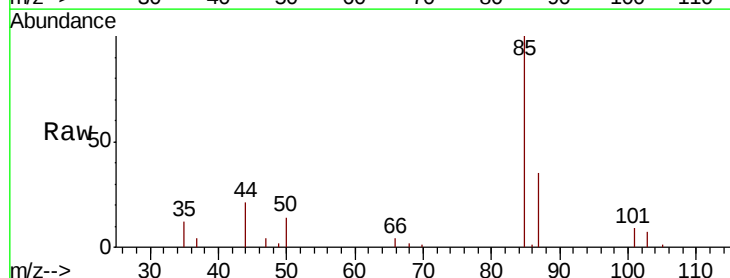
Acq: 29 Jul 2020 20:24

Tgt Ion: 85 Resp: 12616

Ion Ratio Lower Upper

85 100

87 34.8 16.2 48.6

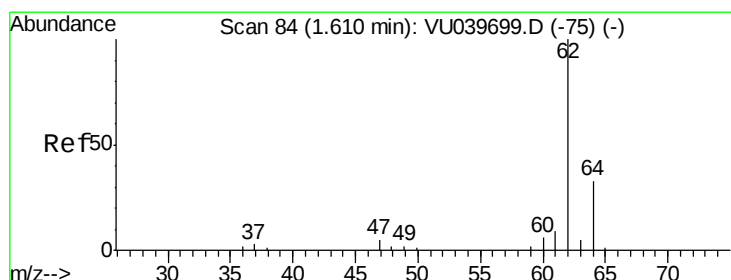
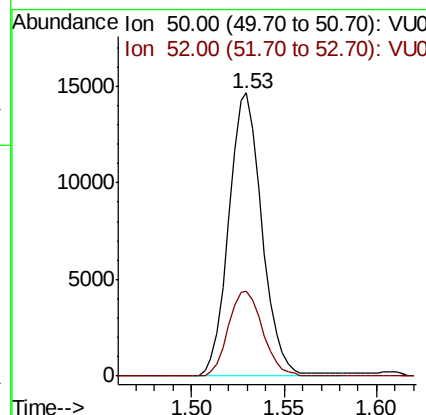
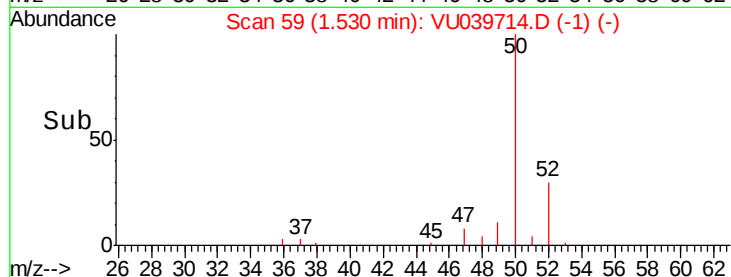
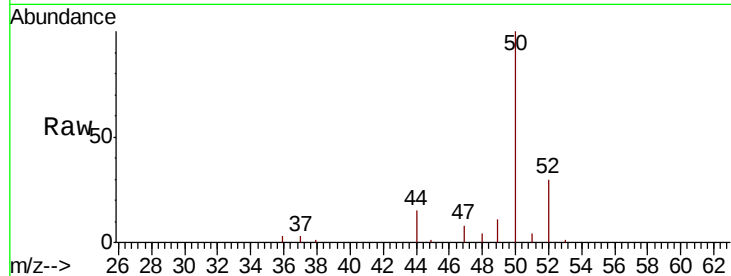




#3
 Chloromethane
 Concen: 2.048 ug/l
 RT: 1.53 min Scan# 59
 Delta R.T. -0.00 min
 Lab File: VU039714.D
 Acq: 29 Jul 2020 20:24

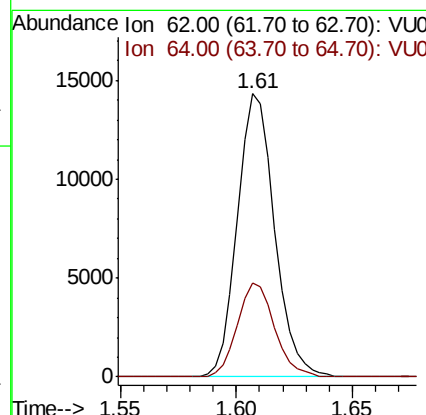
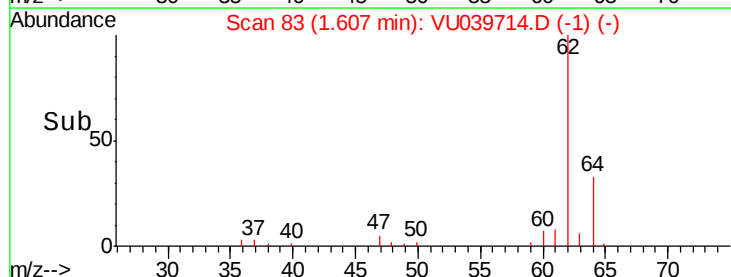
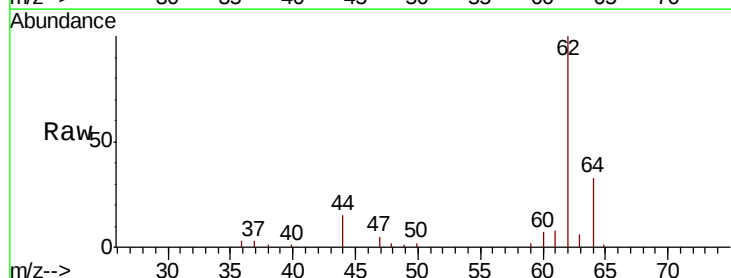
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0729WBSD01

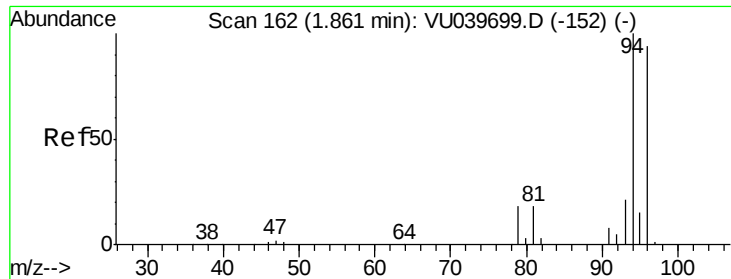
Tot Ion: 50 Resp: 18229
 Ion Ratio Lower Upper
 50 100
 52 30.1 26.0 39.0



#4
 Vinyl Chloride
 Concen: 1.940 ug/l
 RT: 1.61 min Scan# 83
 Delta R.T. -0.00 min
 Lab File: VU039714.D
 Acq: 29 Jul 2020 20:24

Tgt Ion: 62 Resp: 15918
 Ion Ratio Lower Upper
 62 100
 64 33.2 26.0 39.0





#5

Bromomethane

Concen: 1.816 ug/l

RT: 1.86 min Scan# 163

Delta R.T. 0.00 min

Lab File: VU039714.D

Acq: 29 Jul 2020 20:24

Instrument :

MSVOA_U

ClientSampleId :

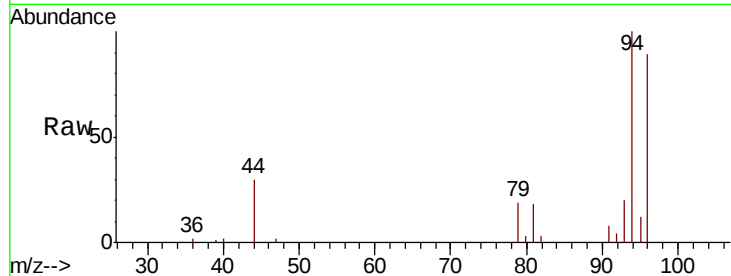
VU0729WBSD01

Tot Ion: 94 Resp: 10188

Ion Ratio Lower Upper

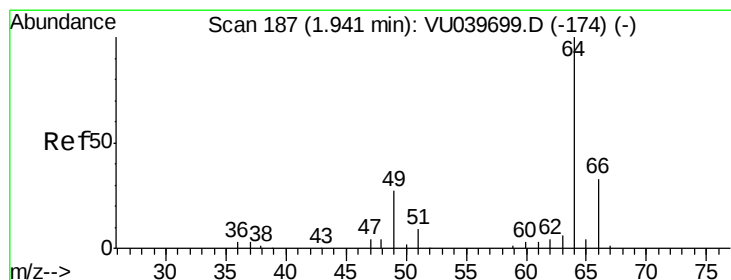
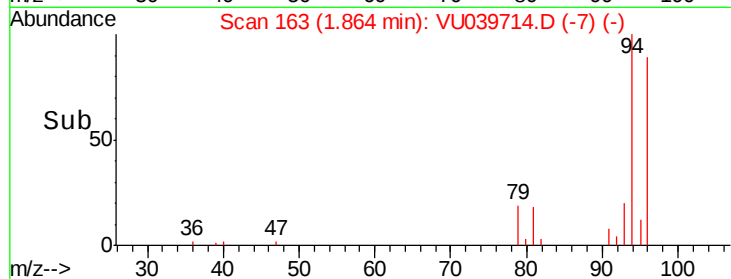
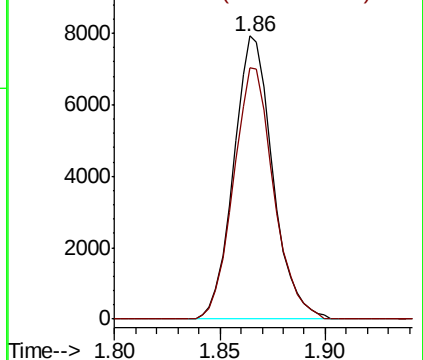
94 100

96 88.7 75.0 112.6



Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0



#6

Chloroethane

Concen: 2.073 ug/l

RT: 1.94 min Scan# 187

Delta R.T. -0.00 min

Lab File: VU039714.D

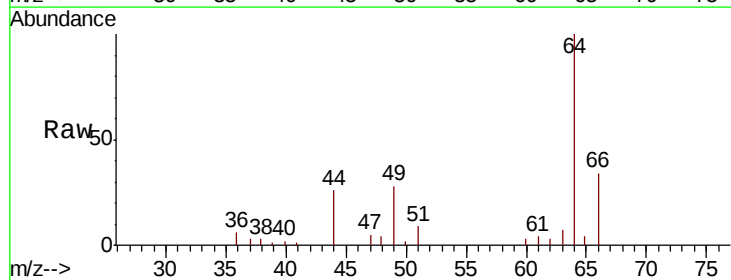
Acq: 29 Jul 2020 20:24

Tgt Ion: 64 Resp: 11801

Ion Ratio Lower Upper

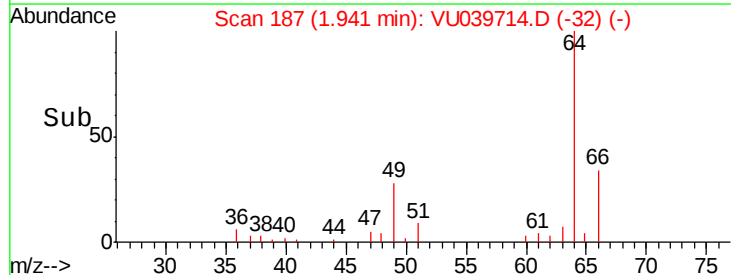
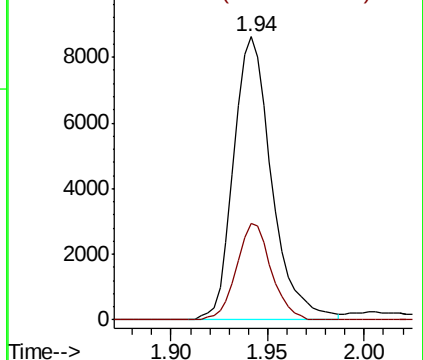
64 100

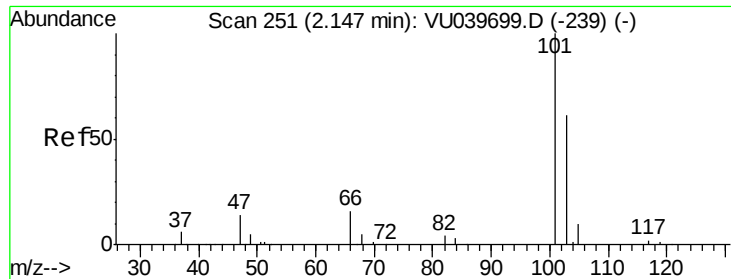
66 33.9 26.2 39.2



Abundance Ion 64.00 (63.70 to 64.70): VU0

Ion 66.00 (65.70 to 66.70): VU0



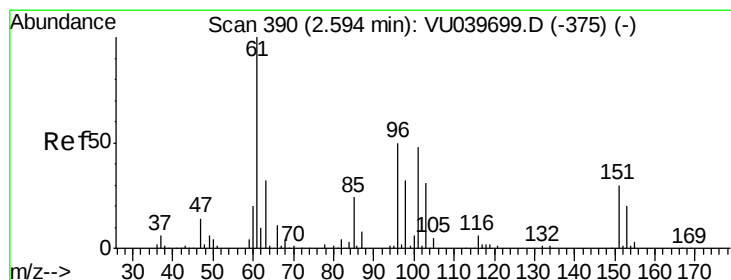
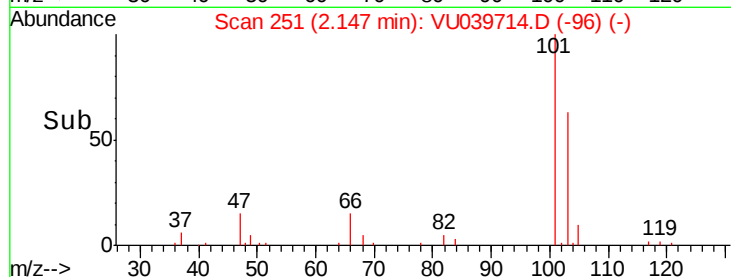
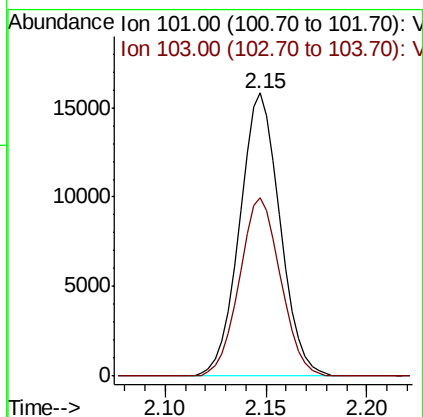
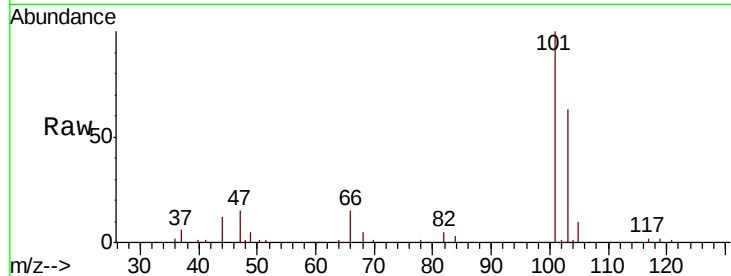


#7

Trichlorofluoromethane
 Concen: 2.047 ug/l
 RT: 2.15 min Scan# 251
 Delta R.T. -0.00 min
 Lab File: VU039714.D
 Acq: 29 Jul 2020 20:24

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0729WBSD01

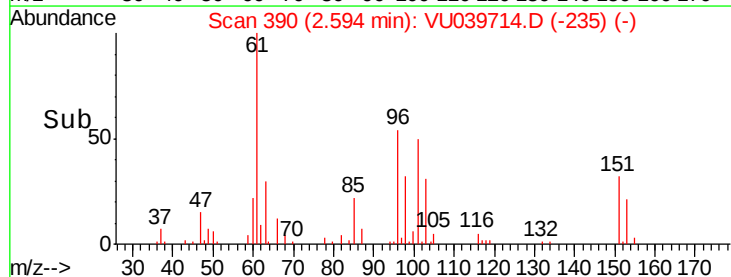
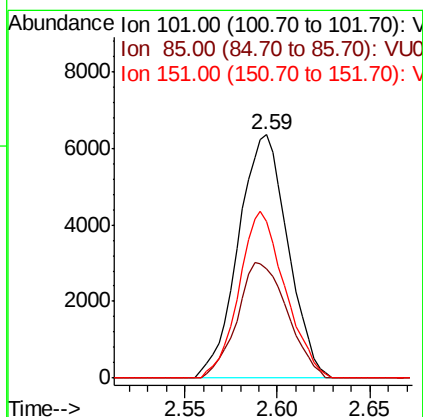
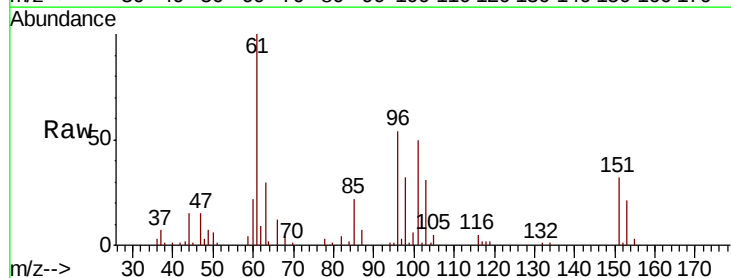
Tot Ion:101 Resp: 22213
 Ion Ratio Lower Upper
 101 100
 103 63.2 48.8 73.2

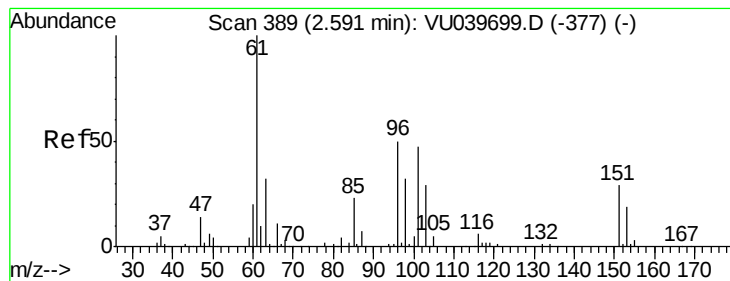


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.890 ug/l
 RT: 2.59 min Scan# 390
 Delta R.T. -0.00 min
 Lab File: VU039714.D
 Acq: 29 Jul 2020 20:24

Tgt Ion:101 Resp: 11769
 Ion Ratio Lower Upper
 101 100
 85 47.9 39.9 59.9
 151 63.8 51.0 76.4





#9

1,1-Dichloroethene

Concen: 1.898 ug/l

RT: 2.59 min Scan# 389

Delta R.T. -0.00 min

Lab File: VU039714.D

Acq: 29 Jul 2020 20:24

Instrument :

MSVOA_U

ClientSampleId :

VU0729WBSD01

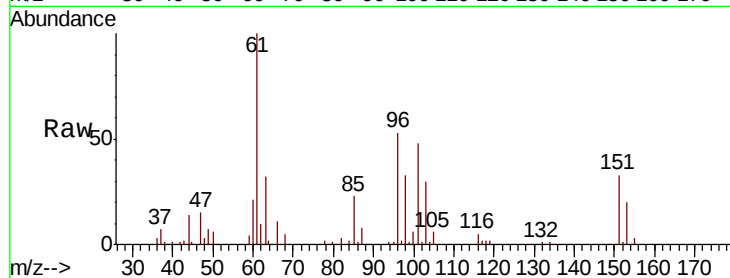
Tot Ion: 96 Resp: 10876

Ion Ratio Lower Upper

96 100

61 189.1 0.0 604.5

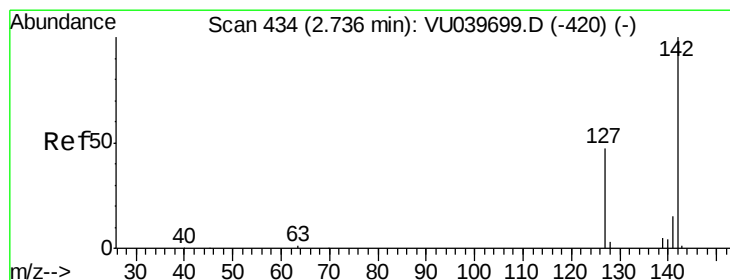
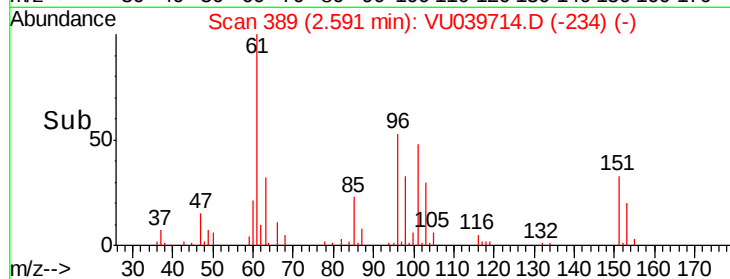
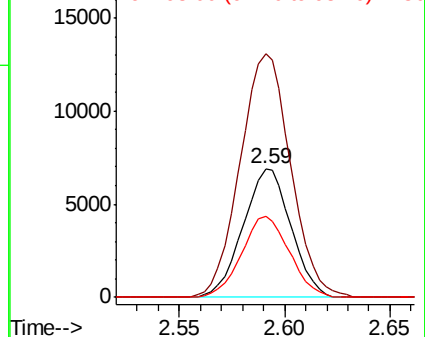
98 63.4 0.0 127.2



Abundance Ion 96.00 (95.70 to 96.70): VU039714.D (-234) (-)

Ion 61.00 (60.70 to 61.70): VU039714.D (-234) (-)

Ion 98.00 (97.70 to 98.70): VU039714.D (-234) (-)



#10

Iodomethane

Concen: 2.259 ug/l

RT: 2.73 min Scan# 433

Delta R.T. -0.00 min

Lab File: VU039714.D

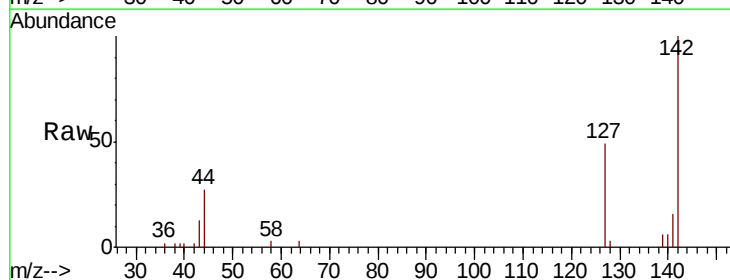
Acq: 29 Jul 2020 20:24

Tgt Ion: 142 Resp: 13055

Ion Ratio Lower Upper

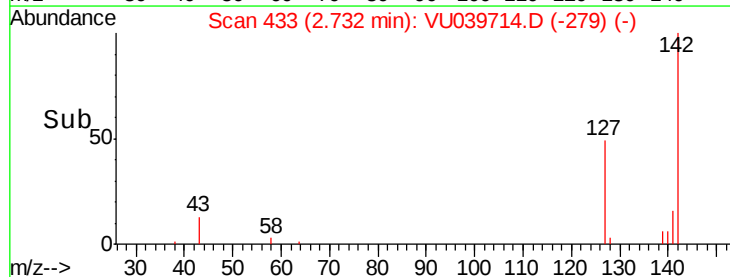
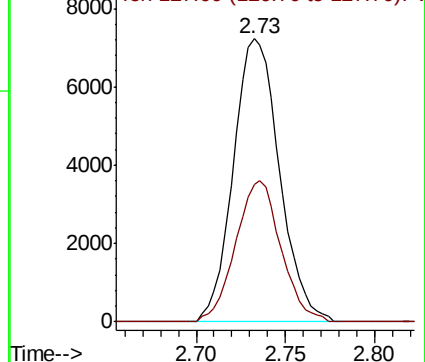
142 100

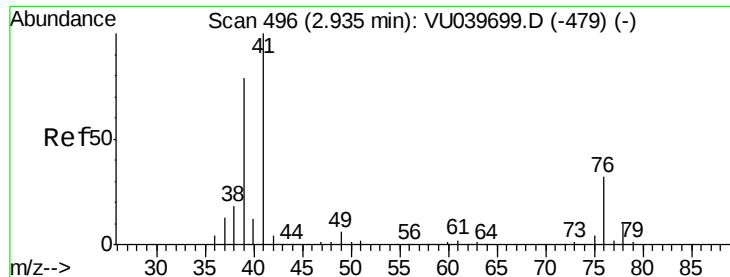
127 48.9 38.4 57.6



Abundance Ion 142.00 (141.70 to 142.70): VU039714.D (-279) (-)

Ion 127.00 (126.70 to 127.70): VU039714.D (-279) (-)

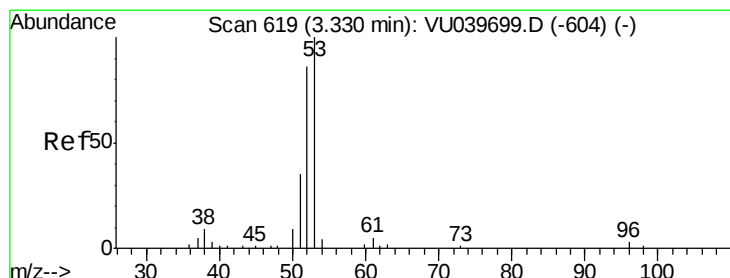
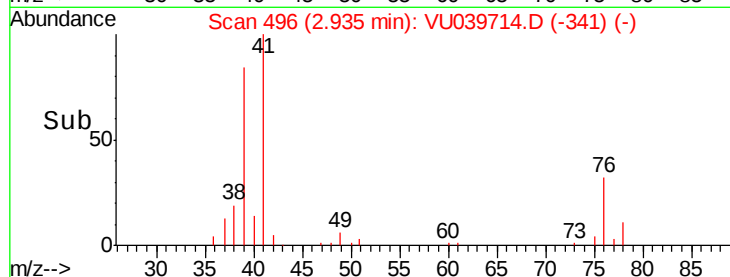
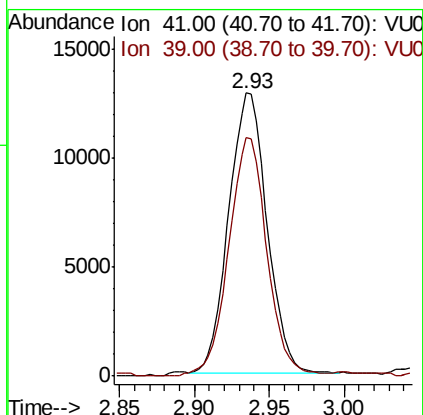
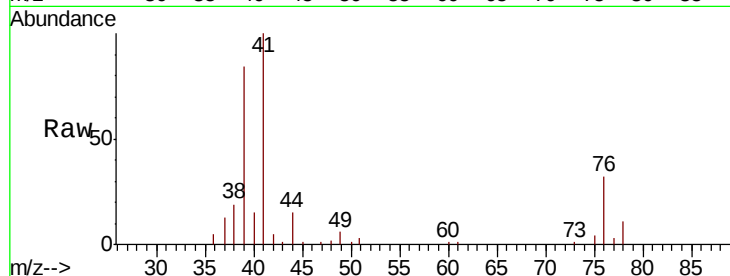




#11
Allvl Chloride
Concen: 1.849 ug/l
RT: 2.93 min Scan# 496
Delta R.T. -0.00 min
Lab File: VU039714.D
Acq: 29 Jul 2020 20:24

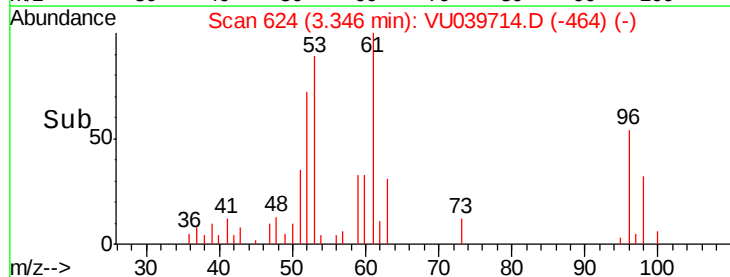
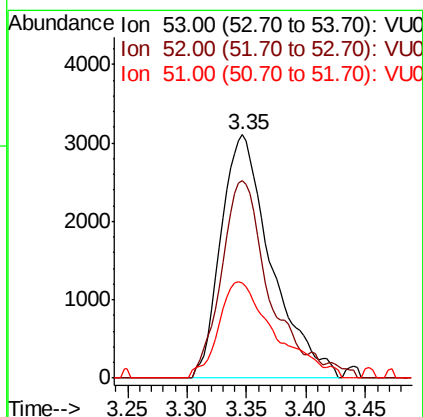
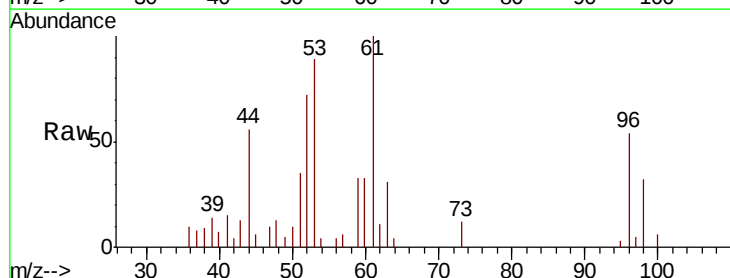
Instrument :
MSVOA_U
ClientSampleId :
VU0729WBSD01

Tot Ion: 41 Resp: 22851
Ion Ratio Lower Upper
41 100
39 85.1 64.2 96.2



#12
Acrylonitrile
Concen: 4.515 ug/l
RT: 3.35 min Scan# 624
Delta R.T. 0.02 min
Lab File: VU039714.D
Acq: 29 Jul 2020 20:24

Tgt Ion: 53 Resp: 9081
Ion Ratio Lower Upper
53 100
52 76.5 69.1 103.7
51 44.5 29.4 44.2#





#13

Acetone

Concen: 10.277 ug/l

RT: 2.66 min Scan# 412

Delta R.T. 0.03 min

Lab File: VU039714.D

Acq: 29 Jul 2020 20:24

Instrument :

MSVOA_U

ClientSampleId :

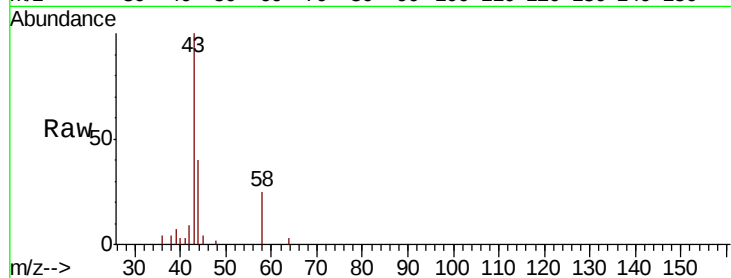
VU0729WBSD01

Tot Ion: 43 Resp: 19448

Ion Ratio Lower Upper

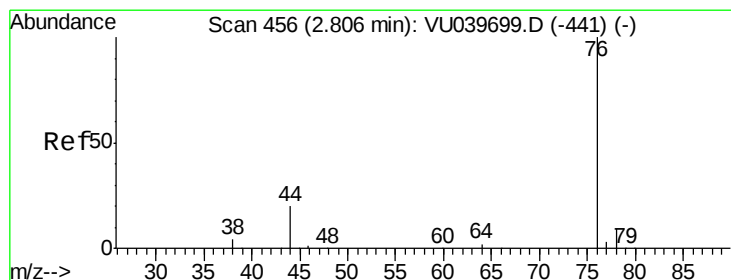
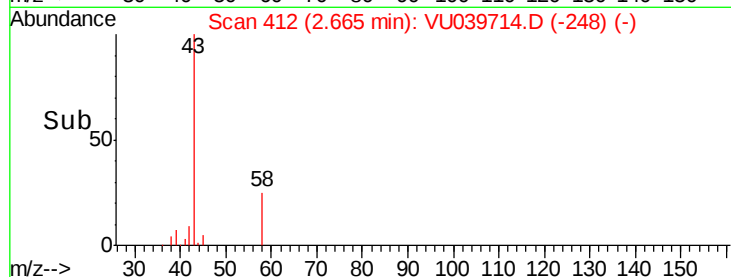
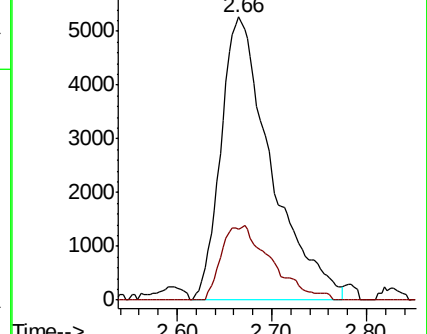
43 100

58 24.8 21.8 32.6



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

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



#14

Carbon Disulfide

Concen: 1.852 ug/l

RT: 2.80 min Scan# 455

Delta R.T. -0.00 min

Lab File: VU039714.D

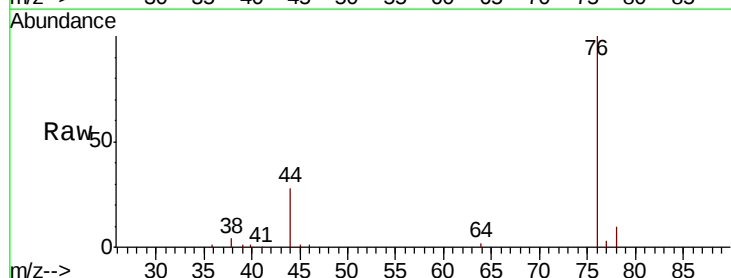
Acq: 29 Jul 2020 20:24

Tgt Ion: 76 Resp: 38906

Ion Ratio Lower Upper

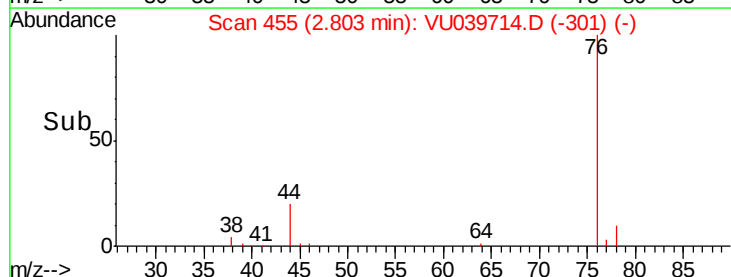
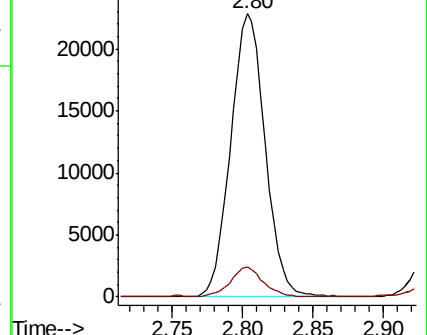
76 100

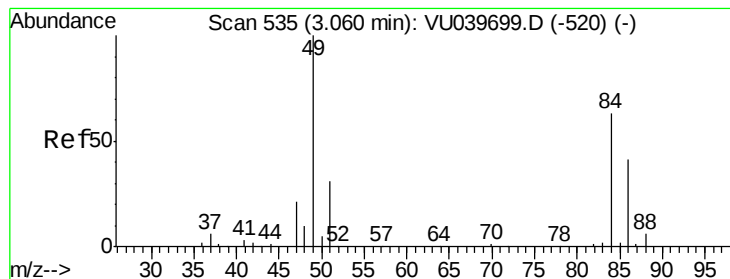
78 10.4 7.0 10.6



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

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





#15

Methylene Chloride

Concen: 1.842 ug/l

RT: 3.06 min Scan# 535

Delta R.T. -0.00 min

Lab File: VU039714.D

Acq: 29 Jul 2020 20:24

Instrument :

MSVOA_U

ClientSampleId :

VU0729WBSD01

Tot Ion: 84 Resp: 14714

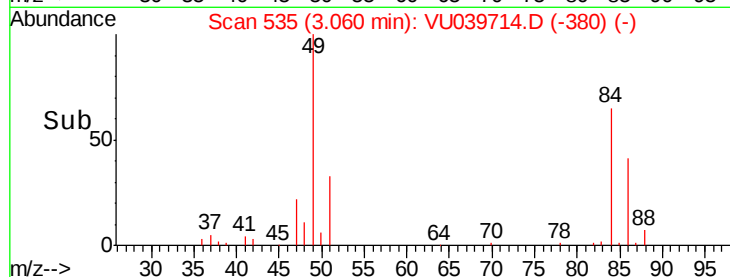
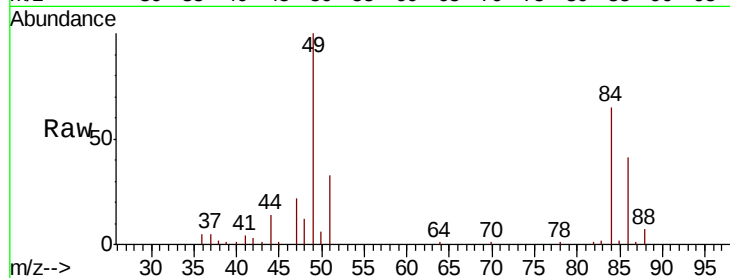
Ion Ratio Lower Upper

84 100

49 153.0 126.8 190.2

51 50.7 0.0 97.2

86 62.9 51.4 77.2

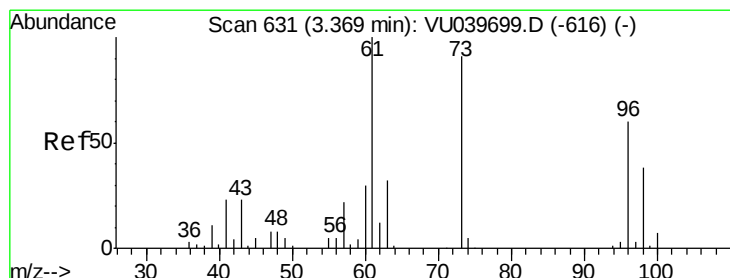
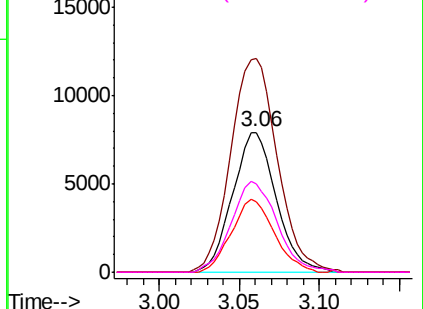


Abundance Ion 84.00 (83.70 to 84.70): VU039714.D (-380) (-)

Ion 49.00 (48.70 to 49.70): VU039714.D (-380) (-)

Ion 51.00 (50.70 to 51.70): VU039714.D (-380) (-)

Ion 86.00 (85.70 to 86.70): VU039714.D (-380) (-)



#16

trans-1,2-Dichloroethene

Concen: 1.843 ug/l

RT: 3.37 min Scan# 630

Delta R.T. -0.00 min

Lab File: VU039714.D

Acq: 29 Jul 2020 20:24

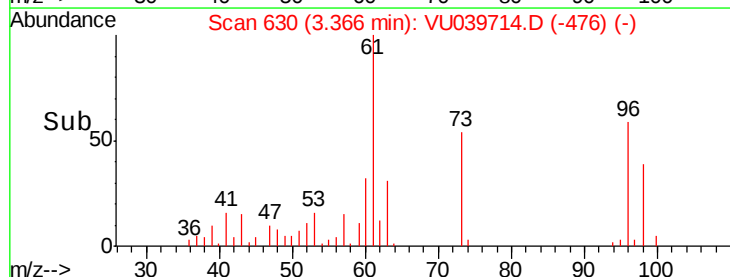
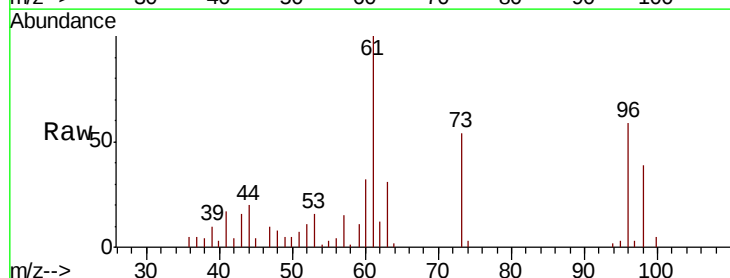
Tgt Ion: 96 Resp: 12005

Ion Ratio Lower Upper

96 100

61 167.9 132.6 199.0

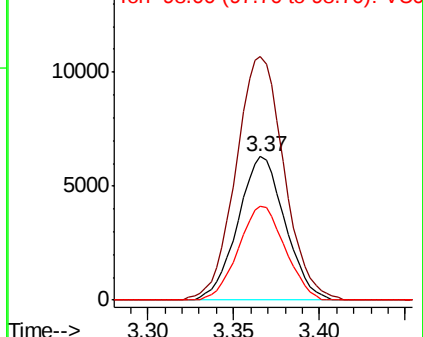
98 65.7 50.2 75.2

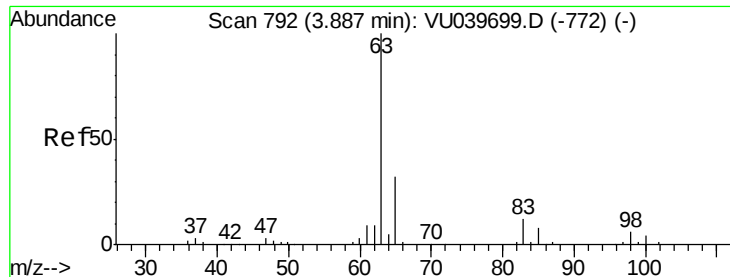


Abundance Ion 96.00 (95.70 to 96.70): VU039714.D (-476) (-)

Ion 61.00 (60.70 to 61.70): VU039714.D (-476) (-)

Ion 98.00 (97.70 to 98.70): VU039714.D (-476) (-)

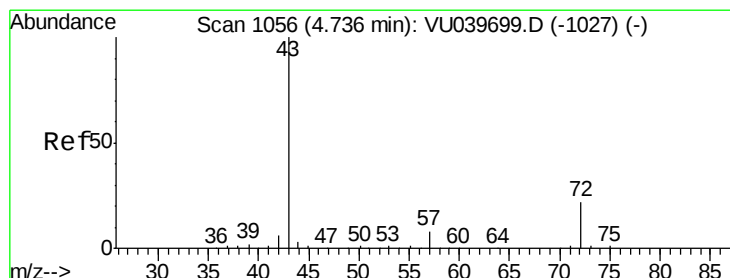
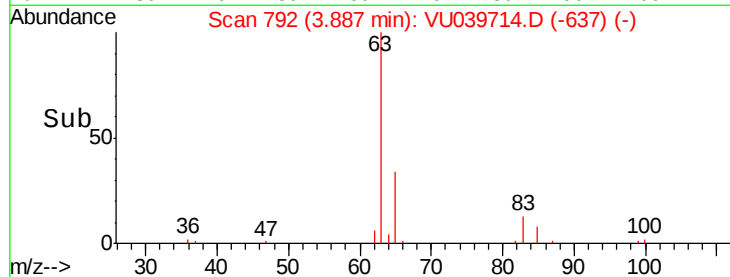
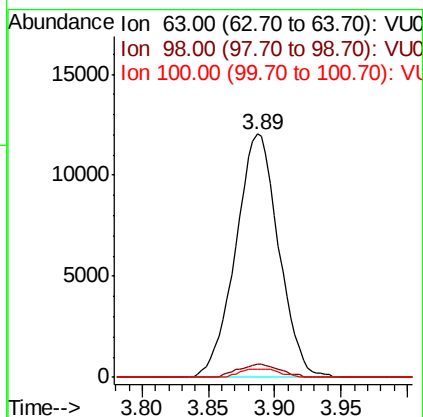
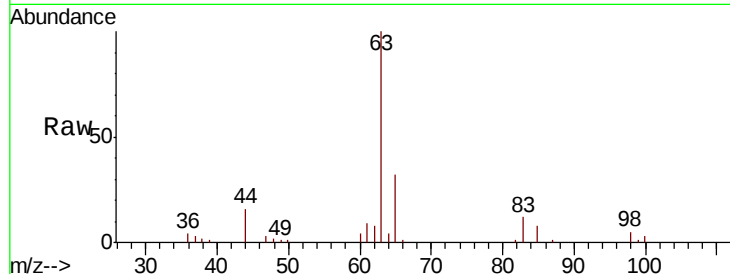




#17
 1,1-Dichloroethane
 Concen: 1.902 ug/l
 RT: 3.89 min Scan# 792
 Delta R.T. -0.00 min
 Lab File: VU039714.D
 Acq: 29 Jul 2020 20:24

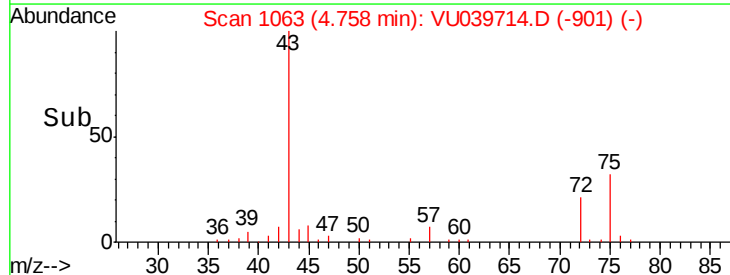
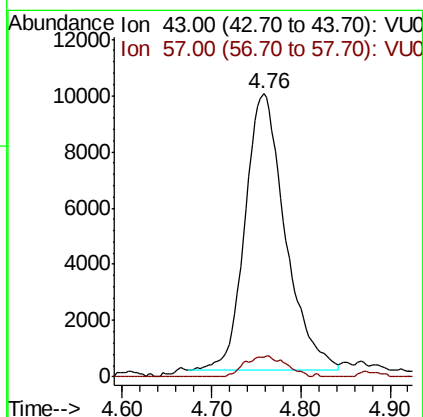
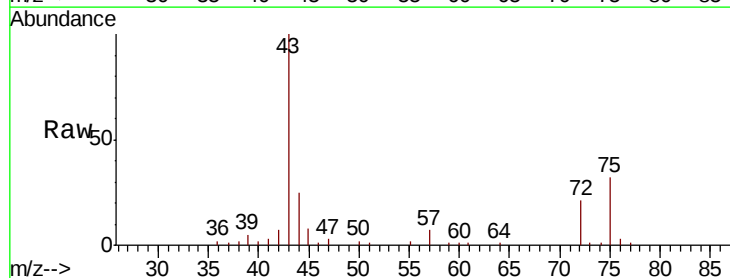
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0729WBSD01

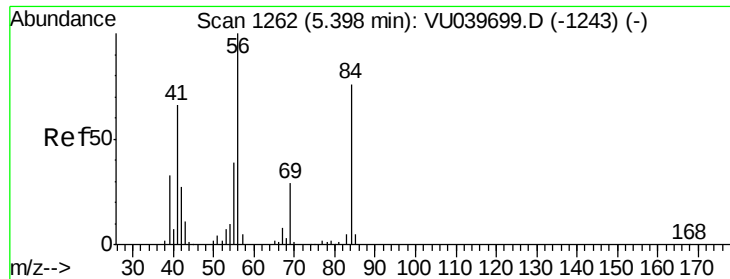
Tot Ion:	63	Resp:	27206
Ion	Ratio	Lower	Upper
63	100		
98	5.4	2.9	8.7
100	3.3	2.0	6.0



#18
 2-Butanone
 Concen: 9.718 ug/l
 RT: 4.76 min Scan# 1063
 Delta R.T. 0.02 min
 Lab File: VU039714.D
 Acq: 29 Jul 2020 20:24

Tgt Ion:	43	Resp:	30926
Ion	Ratio	Lower	Upper
43	100		
57	7.2	0.0	15.2

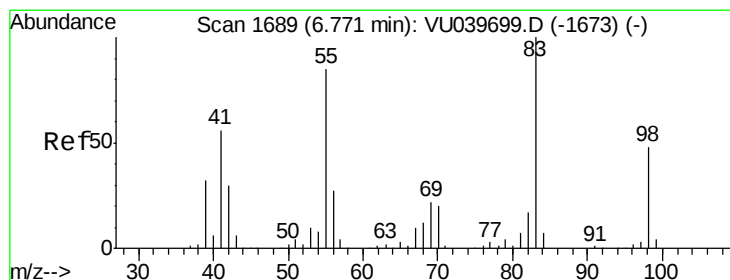
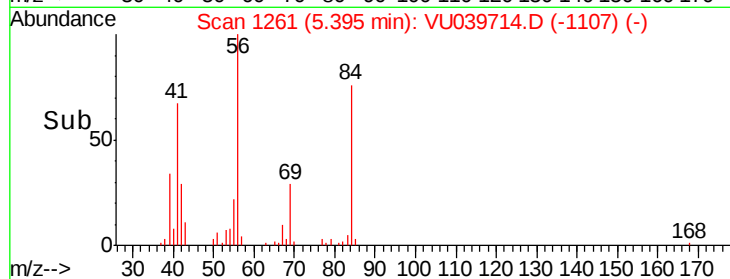
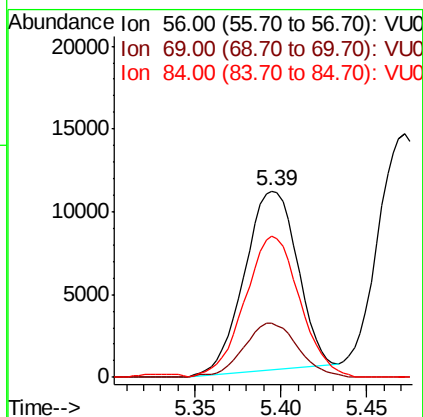
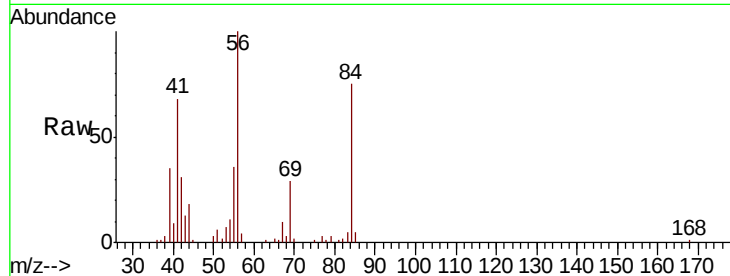




#19
Cyclohexane
Concen: 1.670 ug/l
RT: 5.39 min Scan# 1261
Delta R.T. -0.00 min
Lab File: VU039714.D
Acq: 29 Jul 2020 20:24

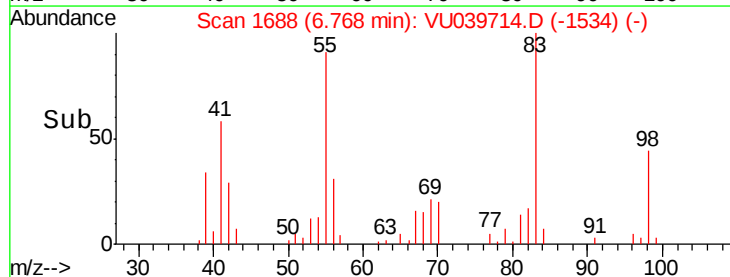
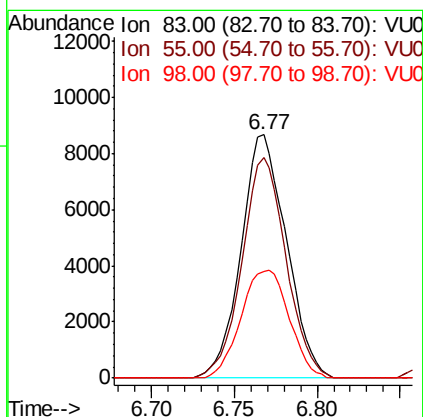
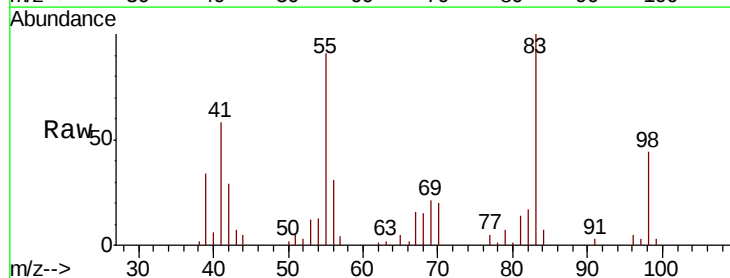
Instrument :
MSVOA_U
ClientSampleId :
VU0729WBSD01

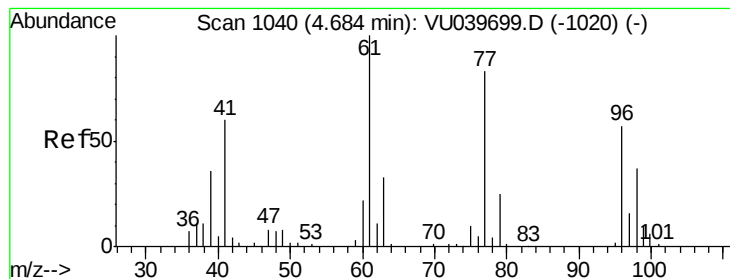
Tot Ion: 56 Resp: 23119
Ion Ratio Lower Upper
56 100
69 31.3 22.8 34.2
84 82.0 59.9 89.9



#20
Methylcyclohexane
Concen: 1.608 ug/l
RT: 6.77 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VU039714.D
Acq: 29 Jul 2020 20:24

Tgt Ion: 83 Resp: 16497
Ion Ratio Lower Upper
83 100
55 87.9 67.6 101.4
98 47.0 37.3 55.9

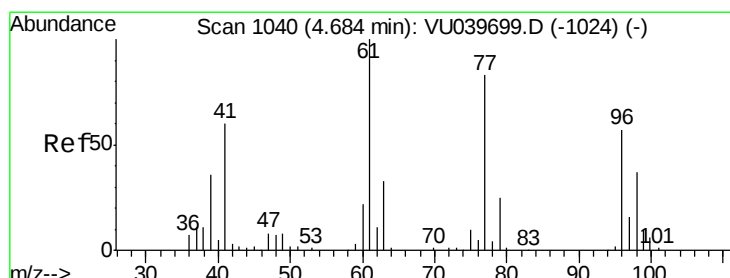
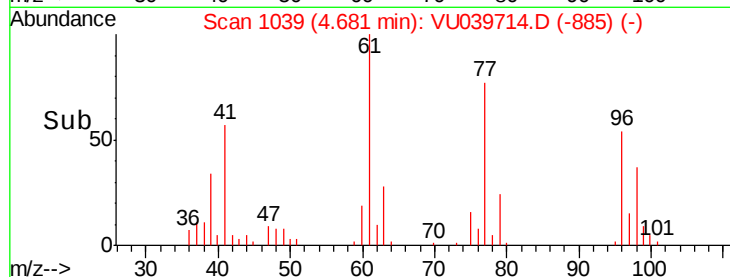
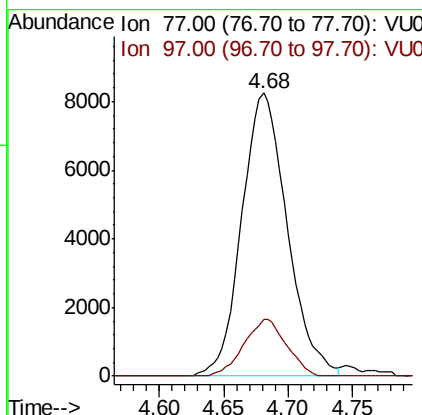
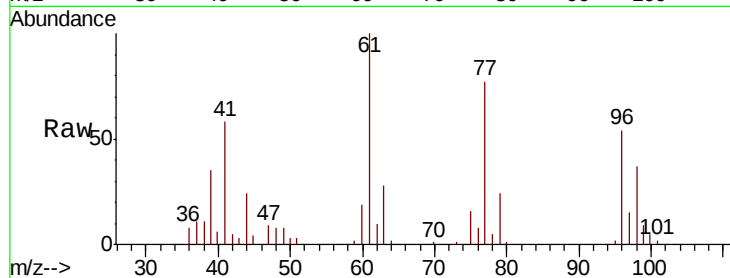




#21
 2,2-Dichloropropane
 Concen: 1.740 ug/l
 RT: 4.68 min Scan# 1039
 Delta R.T. -0.00 min
 Lab File: VU039714.D
 Acq: 29 Jul 2020 20:24

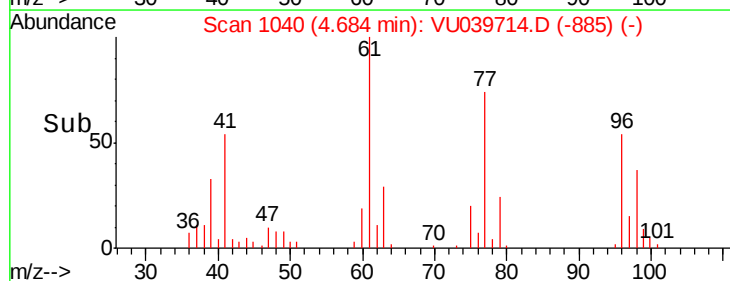
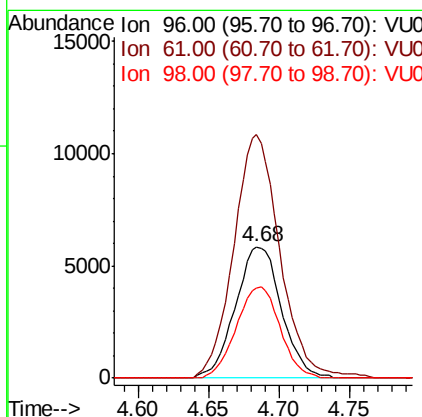
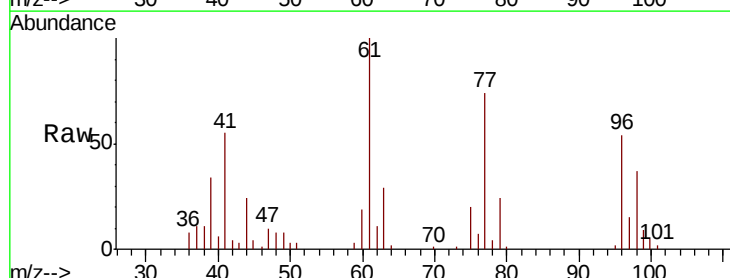
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0729WBSD01

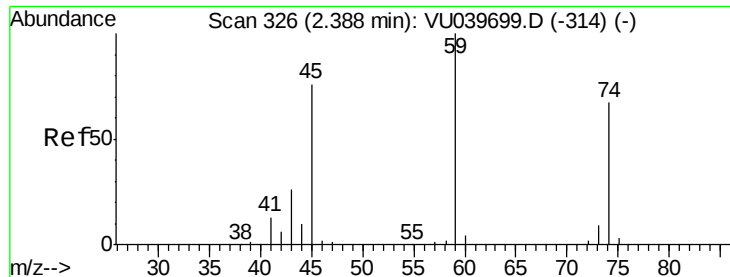
Tot Ion: 77 Resp: 20303
 Ion Ratio Lower Upper
 77 100
 97 18.8 15.2 22.8



#22
 cis-1,2-Dichloroethene
 Concen: 1.898 ug/l
 RT: 4.68 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: VU039714.D
 Acq: 29 Jul 2020 20:24

Tgt Ion: 96 Resp: 13324
 Ion Ratio Lower Upper
 96 100
 61 186.6 0.0 451.3
 98 66.1 32.6 98.0





#23

Diethyl Ether

Concen: 1.892 ug/l

RT: 2.39 min Scan# 326

Delta R.T. -0.00 min

Lab File: VU039714.D

Acq: 29 Jul 2020 20:24

Instrument :

MSVOA_U

ClientSampleId :

VU0729WBSD01

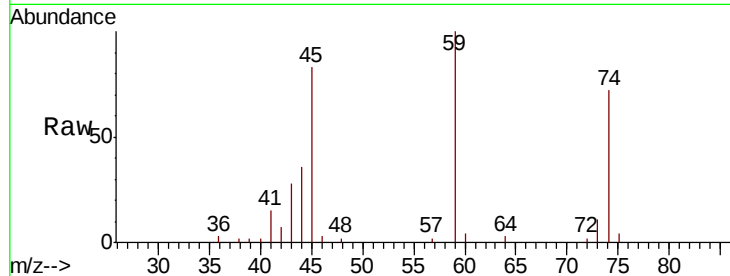
Tot Ion: 59 Resp: 11084

Ion Ratio Lower Upper

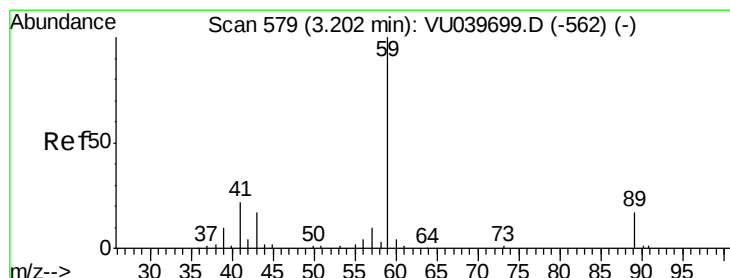
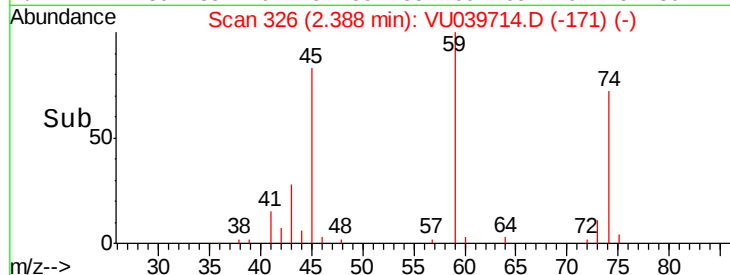
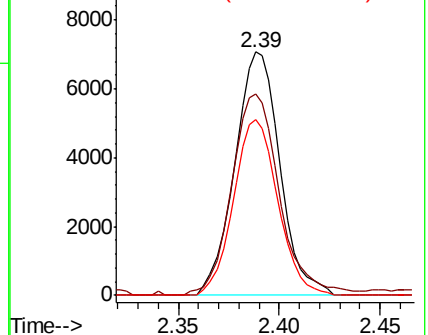
59 100

45 87.9 61.5 92.3

74 70.9 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: 3.21 min Scan# 581

Delta R.T. 0.01 min

Lab File: VU039714.D

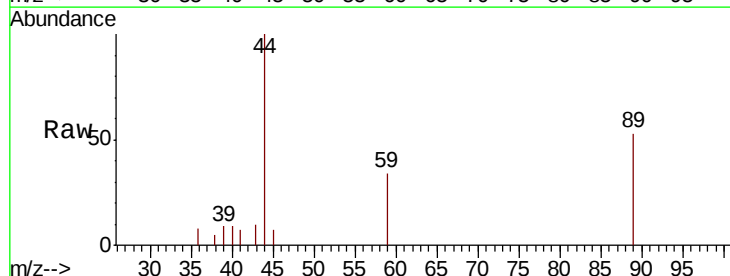
Acq: 29 Jul 2020 20:24

Tgt Ion: 59 Resp: 1336

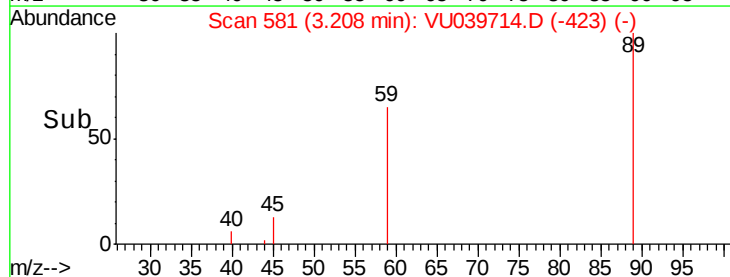
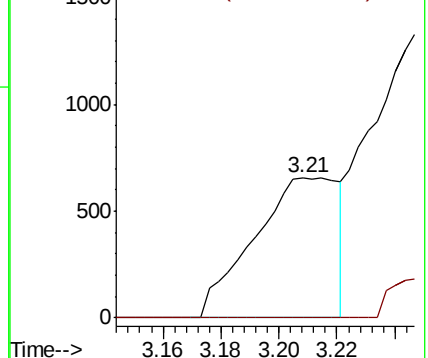
Ion Ratio Lower Upper

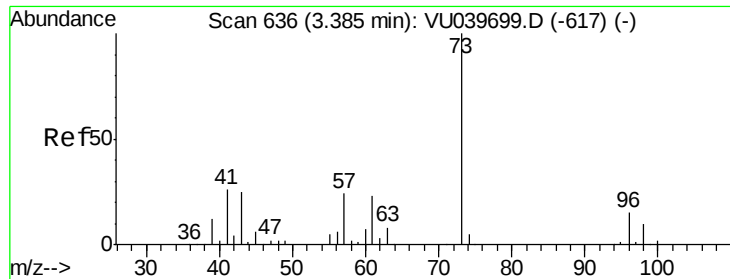
59 100

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

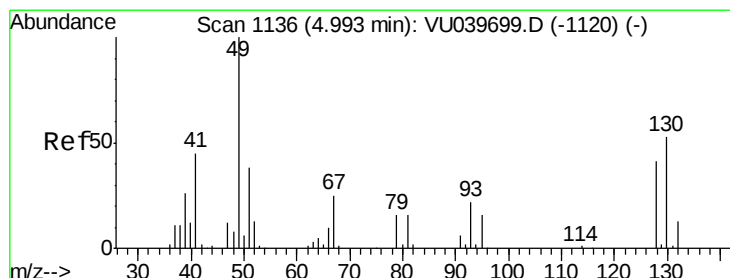
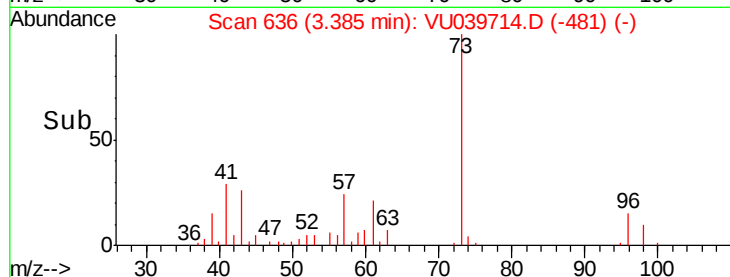
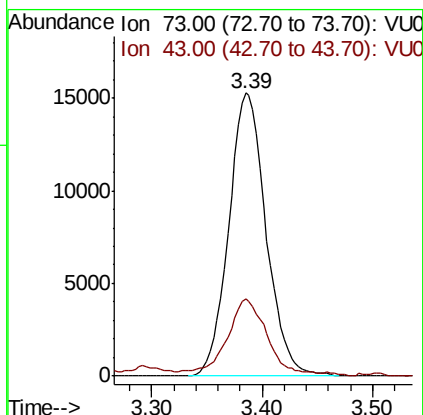
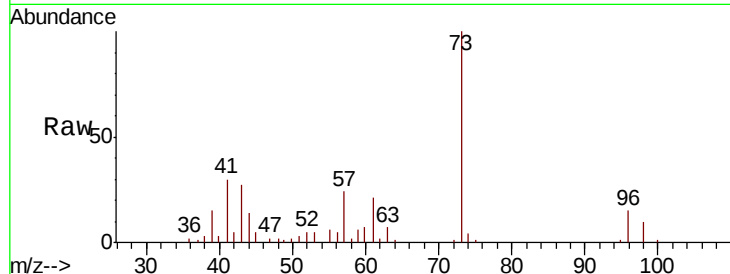




#25
Methyl tert-Butyl Ether
Concen: 1.912 ug/l
RT: 3.39 min Scan# 636
Delta R.T. -0.00 min
Lab File: VU039714.D
Acq: 29 Jul 2020 20:24

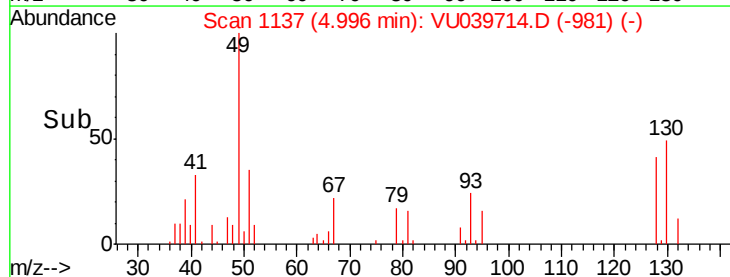
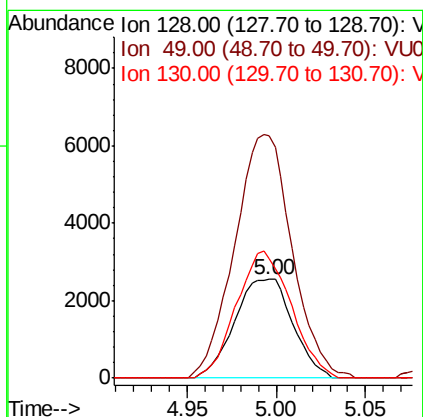
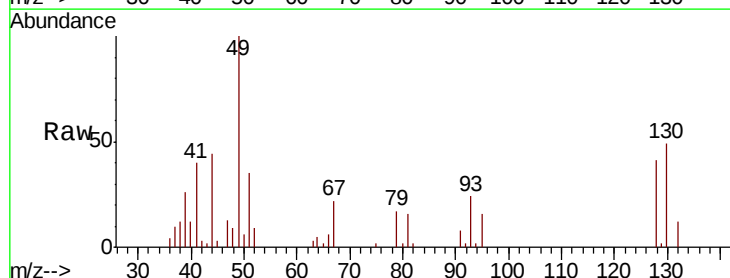
Instrument :
MSVOA_U
ClientSampleId :
VU0729WBSD01

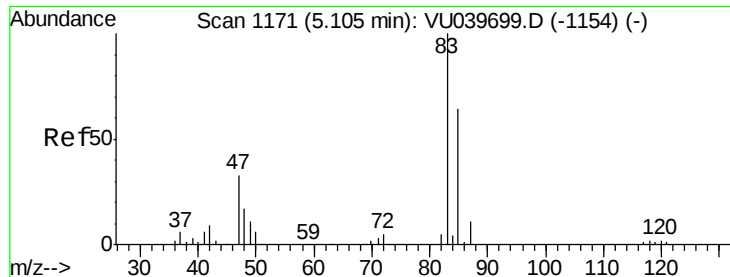
Tot Ion: 73 Resp: 35744
Ion Ratio Lower Upper
73 100
43 26.2 20.1 30.1



#26
Bromochloromethane
Concen: 2.020 ug/l
RT: 5.00 min Scan# 1137
Delta R.T. 0.00 min
Lab File: VU039714.D
Acq: 29 Jul 2020 20:24

Tgt Ion: 128 Resp: 5802
Ion Ratio Lower Upper
128 100
49 242.8 0.0 503.8
130 121.1 102.7 154.1





#27

Chloroform

Concen: 1.916 ug/l

RT: 5.11 min Scan# 1172

Delta R.T. 0.00 min

Lab File: VU039714.D

Acq: 29 Jul 2020 20:24

Instrument :

MSVOA_U

ClientSampleId :

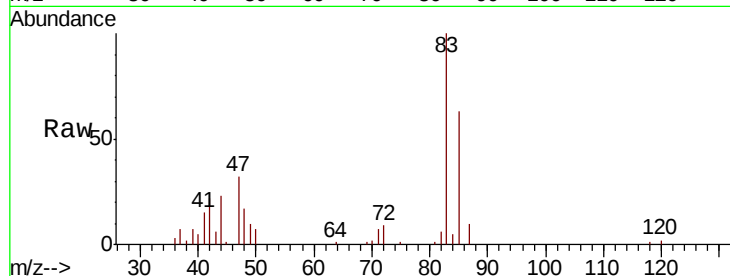
VU0729WBSD01

Tot Ion: 83 Resp: 25645

Ion Ratio Lower Upper

83 100

85 62.7 0.0 128.8



Abundance Ion 83.00 (82.70 to 83.70): VU039714.D (-1154) (-)

Ion 85.00 (84.70 to 85.70): VU039714.D (-1154) (-)

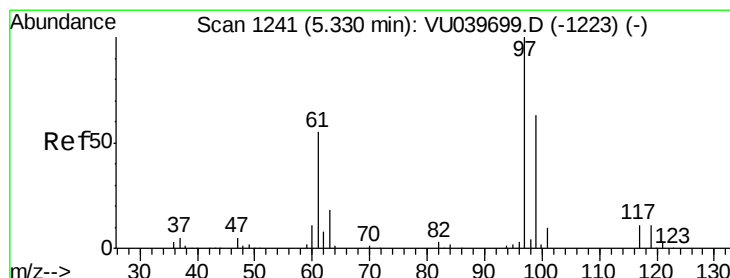
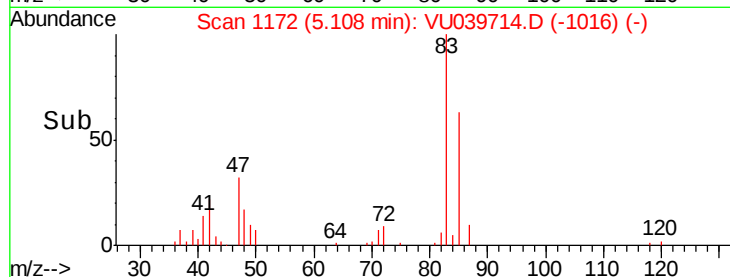
5.11

10000

5000

0

Time-->



#28

1,1,1-Trichloroethane

Concen: 1.923 ug/l

RT: 5.33 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VU039714.D

Acq: 29 Jul 2020 20:24

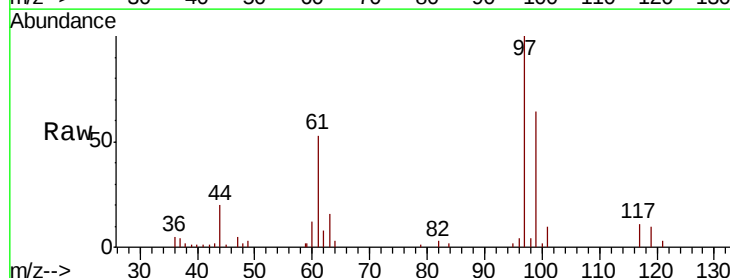
Tgt Ion: 97 Resp: 20833

Ion Ratio Lower Upper

97 100

99 63.1 32.2 96.6

61 55.8 28.3 85.0



Abundance Ion 97.00 (96.70 to 97.70): VU039714.D (-1086) (-)

Ion 99.00 (98.70 to 99.70): VU039714.D (-1086) (-)

Ion 61.00 (60.70 to 61.70): VU039714.D (-1086) (-)

5.33

12000

10000

8000

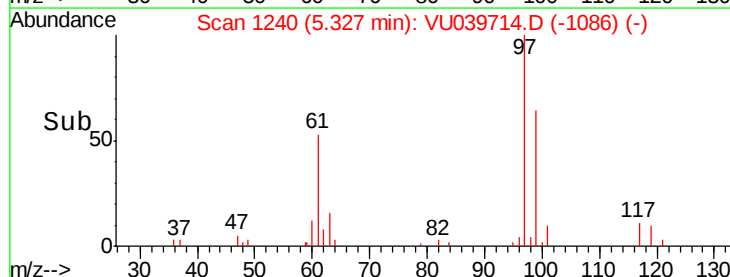
6000

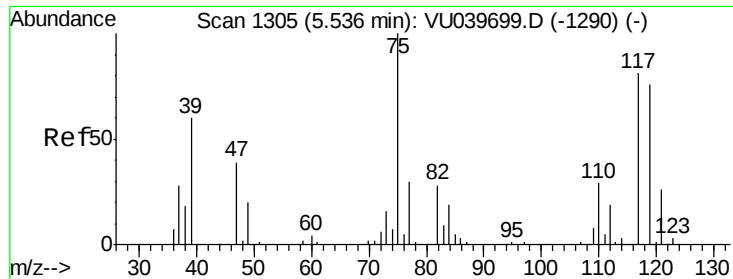
4000

2000

0

Time-->

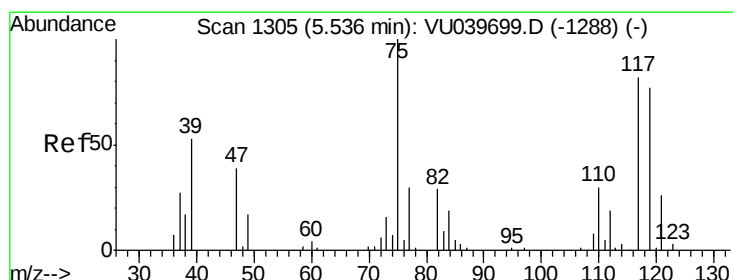
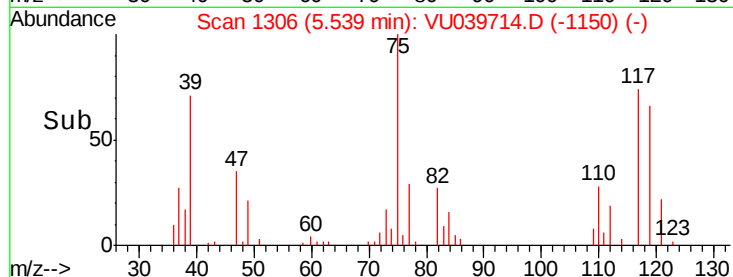
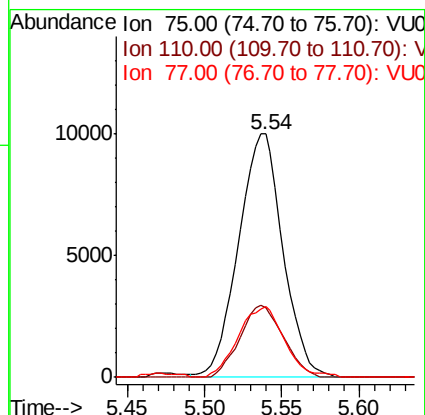
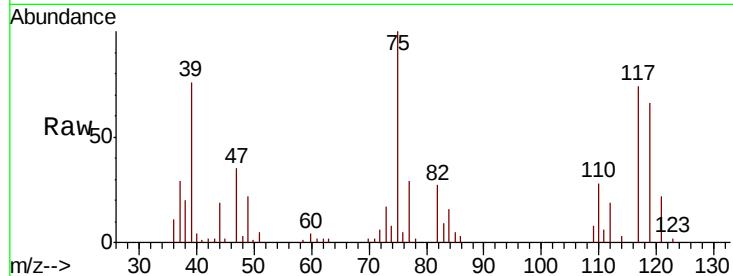




#29
 1,1-Dichloropropene
 Concen: 1.910 ug/l
 RT: 5.54 min Scan# 1306
 Delta R.T. 0.00 min
 Lab File: VU039714.D
 Acq: 29 Jul 2020 20:24

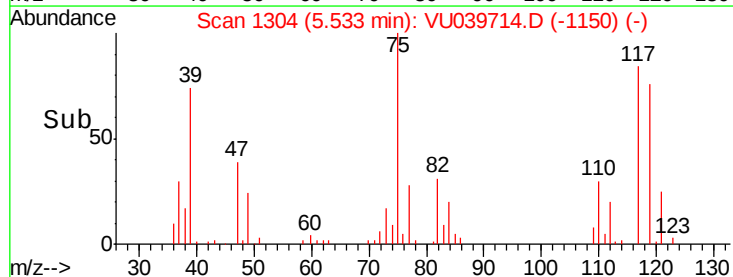
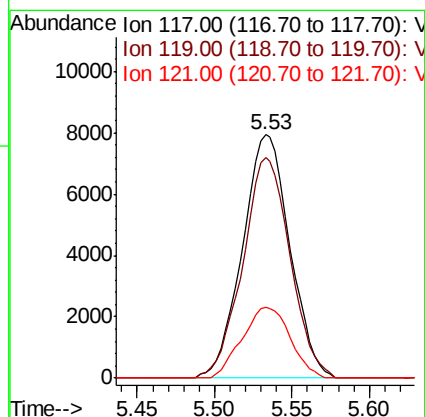
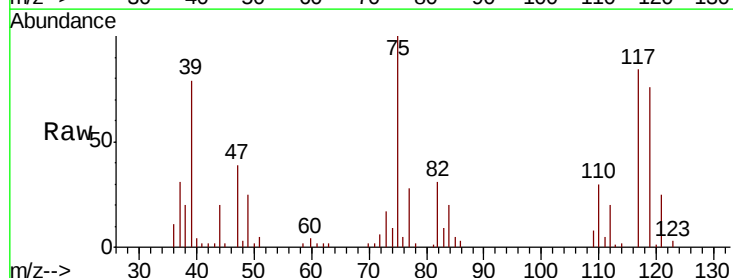
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0729WBSD01

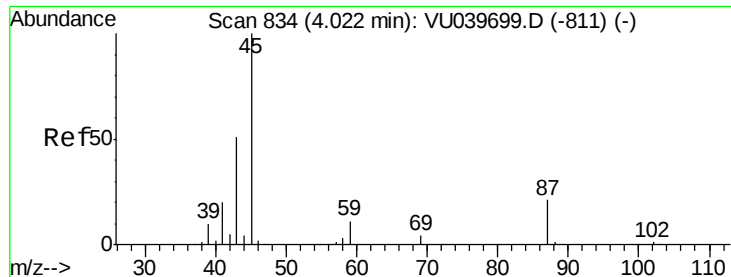
Tot Ion	Ratio	Lower	Upper
75	100		
110	28.9	14.6	44.0
77	30.4	25.0	37.4



#30
 Carbon Tetrachloride
 Concen: 1.910 ug/l
 RT: 5.53 min Scan# 1304
 Delta R.T. -0.00 min
 Lab File: VU039714.D
 Acq: 29 Jul 2020 20:24

Tgt Ion	Ratio	Lower	Upper
117	100		
119	90.8	75.2	112.8
121	29.2	25.4	38.2





#31

Isopropyl Ether

Concen: 1.920 ug/l

RT: 4.02 min Scan# 834

Delta R.T. -0.00 min

Lab File: VU039714.D

Acq: 29 Jul 2020 20:24

Instrument :

MSVOA_U

ClientSampleId :

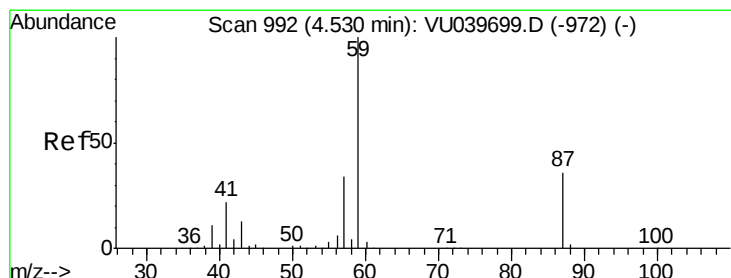
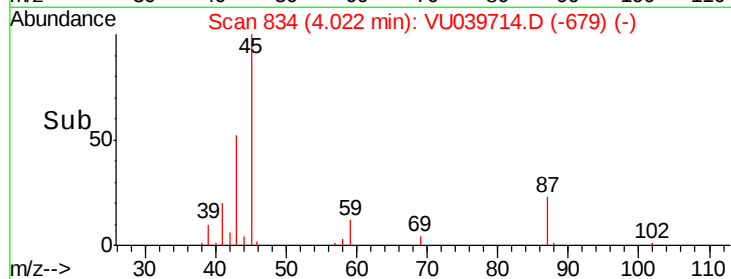
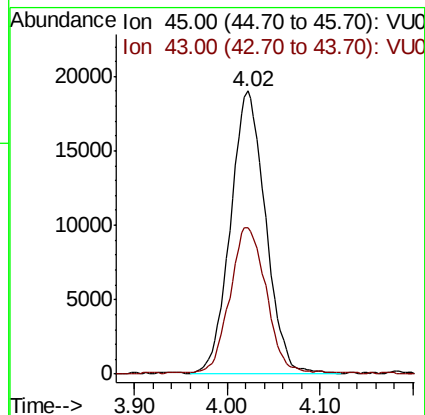
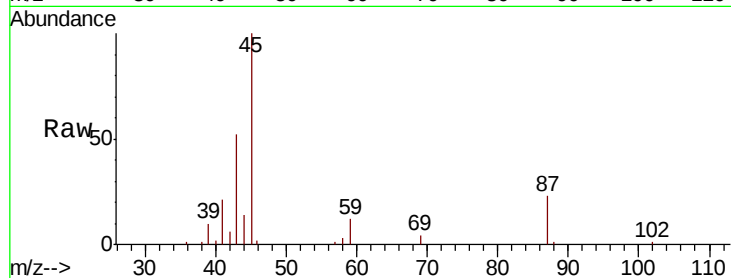
VU0729WBSD01

Tot Ion: 45 Resp: 50093

Ion Ratio Lower Upper

45 100

43 52.0 26.5 79.4



#32

Ethyl-t-butyl ether

Concen: 1.859 ug/l

RT: 4.53 min Scan# 993

Delta R.T. 0.00 min

Lab File: VU039714.D

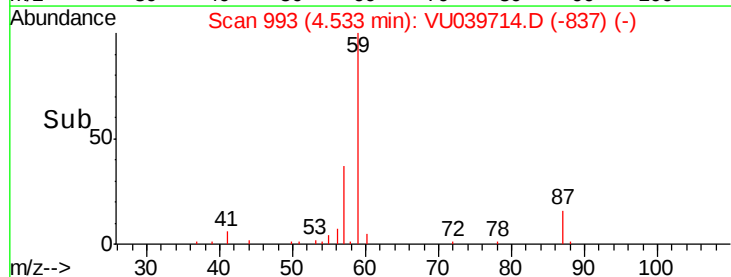
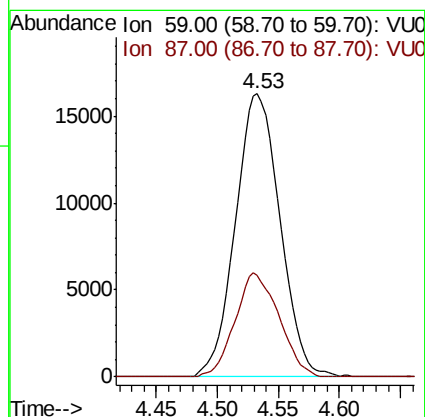
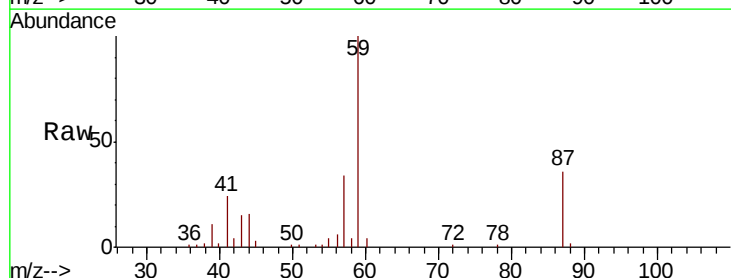
Acq: 29 Jul 2020 20:24

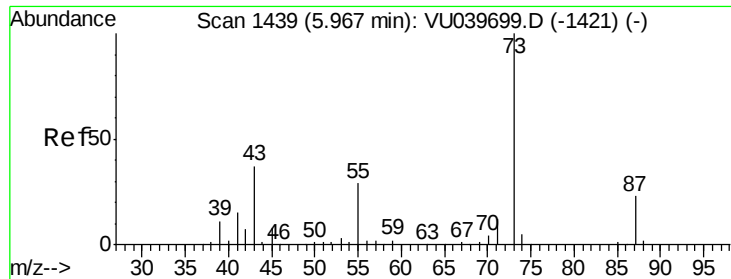
Tgt Ion: 59 Resp: 41279

Ion Ratio Lower Upper

59 100

87 36.1 29.4 44.0

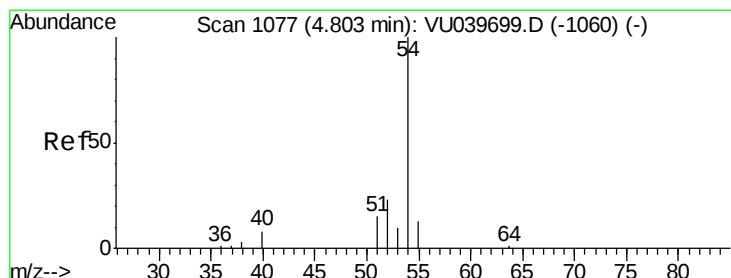
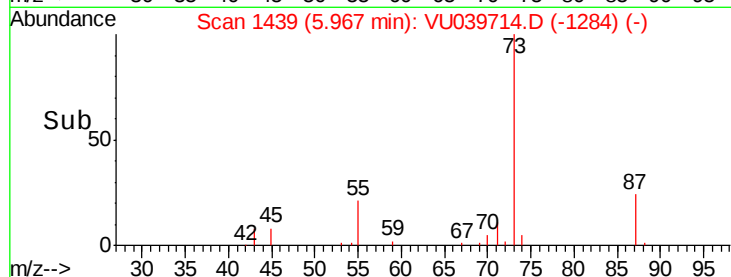
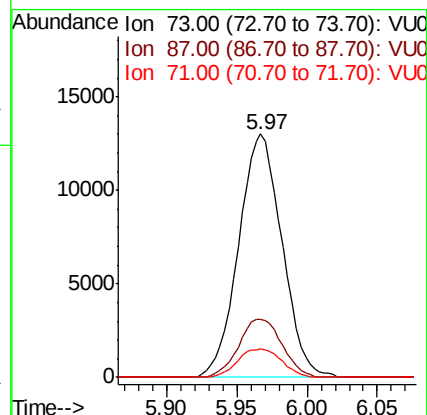
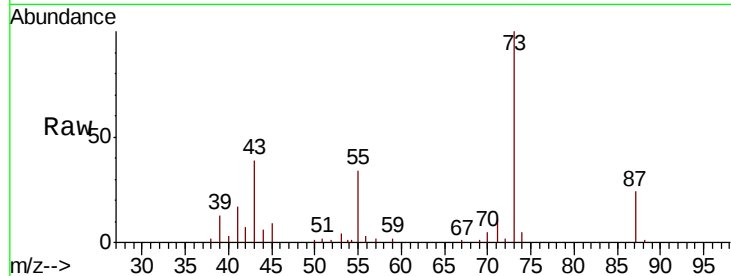




#33
Tert-Butyl methyl ether
Concen: 1.747 ug/l
RT: 5.97 min Scan# 1439
Delta R.T. -0.00 min
Lab File: VU039714.D
Acq: 29 Jul 2020 20:24

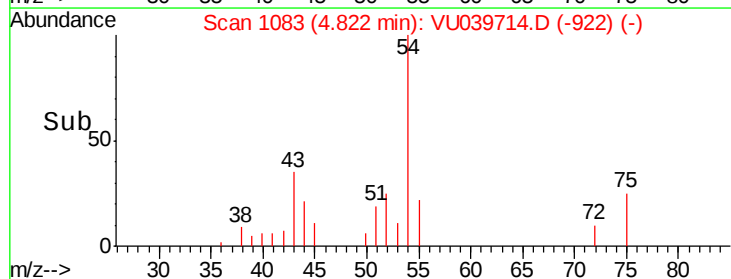
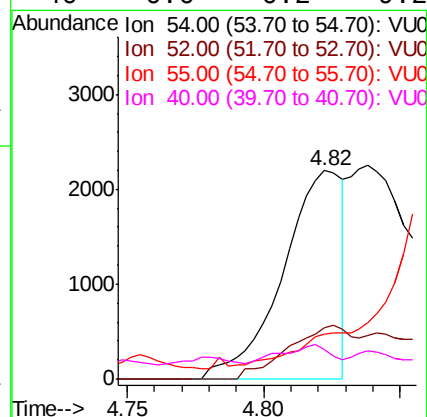
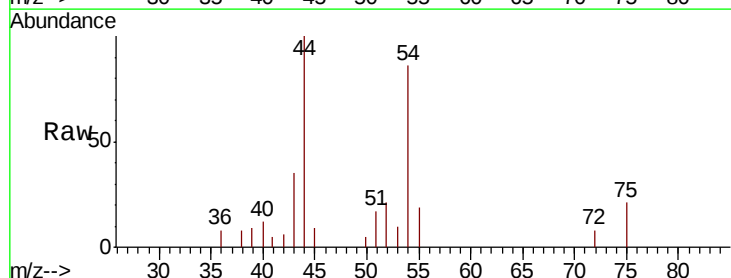
Instrument :
MSVOA_U
ClientSampleId :
VU0729WBSD01

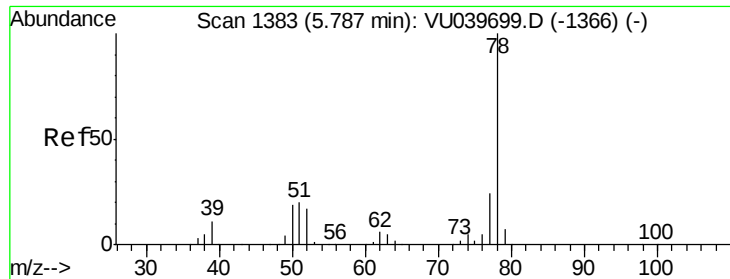
Tot Ion: 73 Resp: 27963
Ion Ratio Lower Upper
73 100
87 23.8 18.7 28.1
71 12.0 9.1 13.7



#34
Propionitrile
Concen: 4.264 ug/l
RT: 4.82 min Scan# 1083
Delta R.T. 0.02 min
Lab File: VU039714.D
Acq: 29 Jul 2020 20:24

Tgt Ion: 54 Resp: 3347
Ion Ratio Lower Upper
54 100
52 28.6 16.9 25.3#
55 0.0 12.9 19.3#
40 6.6 6.2 9.2





#35

Benzene

Concen: 1.925 ug/l

RT: 5.78 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VU039714.D

Acq: 29 Jul 2020 20:24

Instrument :

MSVOA_U

ClientSampleId :

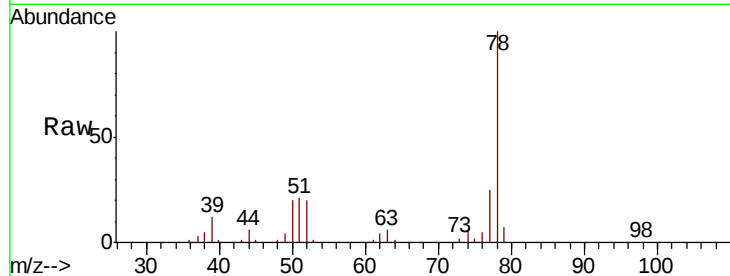
VU0729WBSD01

Tot Ion: 78 Resp: 49673

Ion Ratio Lower Upper

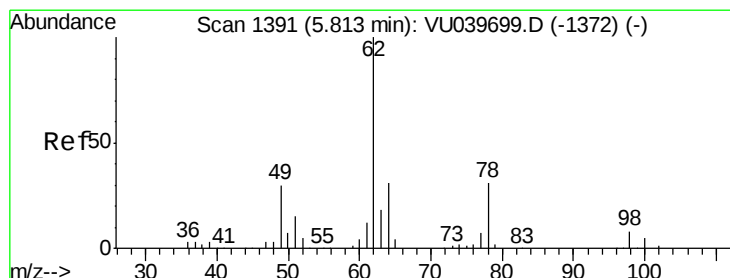
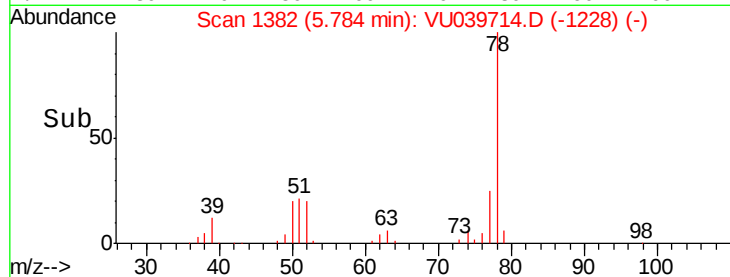
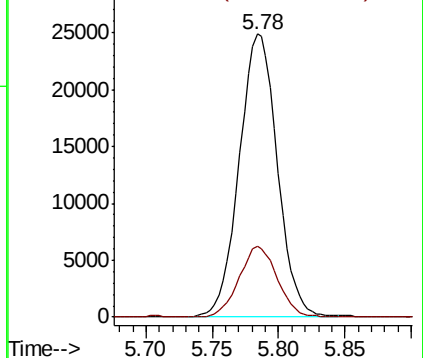
78 100

77 25.1 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: 1.878 ug/l

RT: 5.81 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VU039714.D

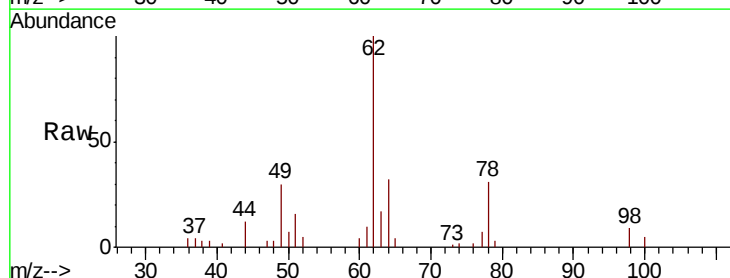
Acq: 29 Jul 2020 20:24

Tgt Ion: 62 Resp: 18168

Ion Ratio Lower Upper

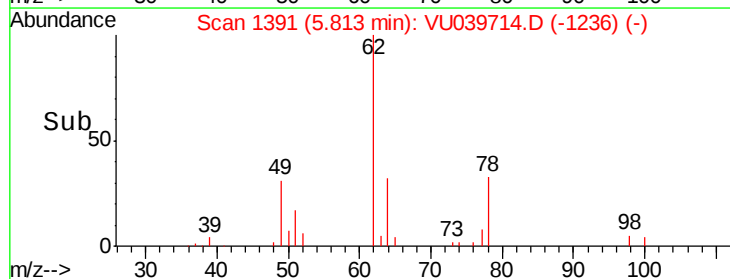
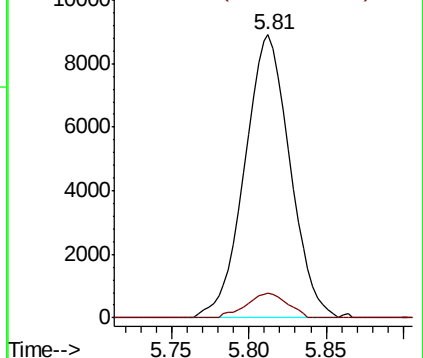
62 100

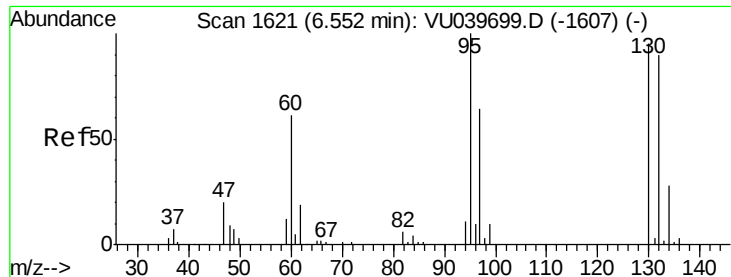
98 7.8 6.2 9.2



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 98.00 (97.70 to 98.70): VU0





#37

Trichloroethene

Concen: 1.813 ug/l

RT: 6.55 min Scan# 1621

Delta R.T. -0.00 min

Lab File: VU039714.D

Acq: 29 Jul 2020 20:24

Instrument :

MSVOA_U

ClientSampleId :

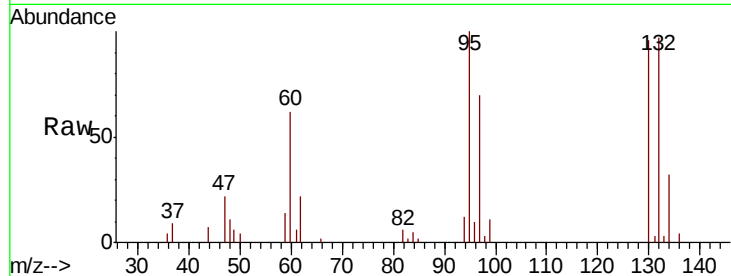
VU0729WBSD01

Tot Ion:130 Resp: 10703

Ion Ratio Lower Upper

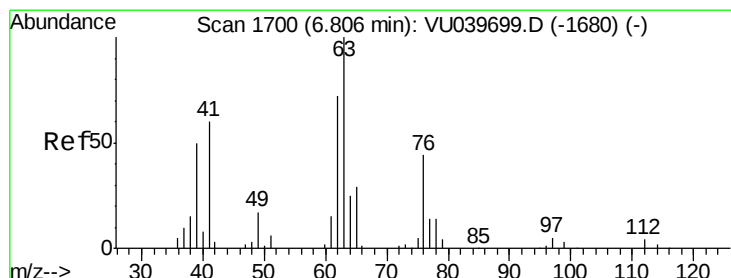
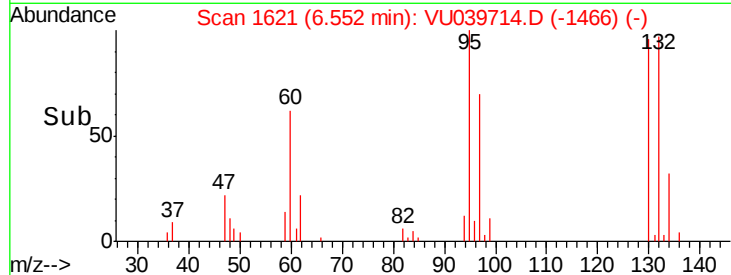
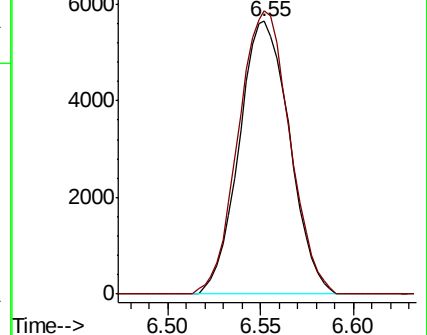
130 100

95 103.8 84.3 126.5



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

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



#38

1,2-Dichloropropane

Concen: 1.871 ug/l

RT: 6.81 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VU039714.D

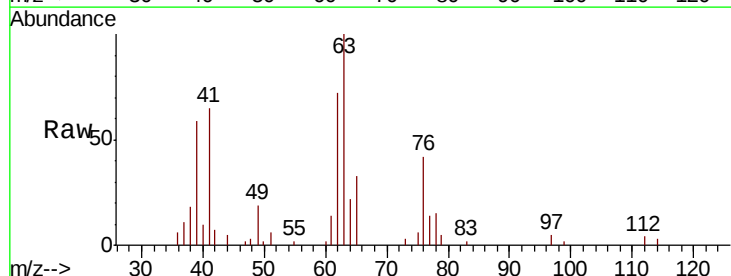
Acq: 29 Jul 2020 20:24

Tgt Ion: 63 Resp: 13303

Ion Ratio Lower Upper

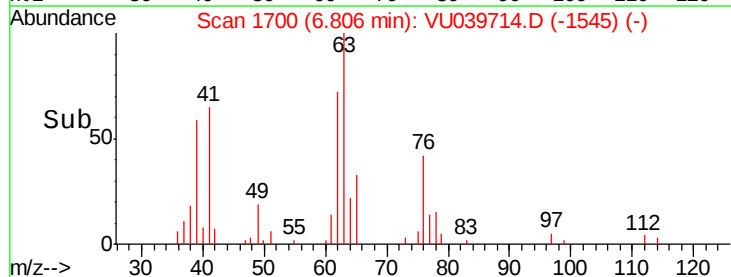
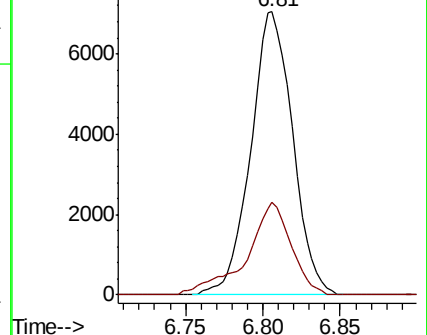
63 100

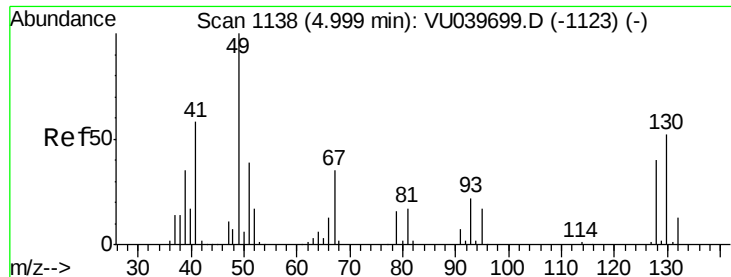
65 32.6 23.8 35.6



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

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

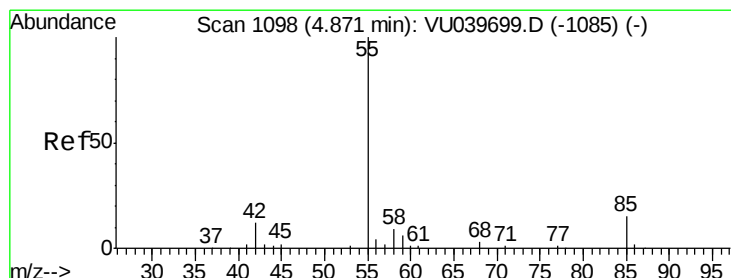
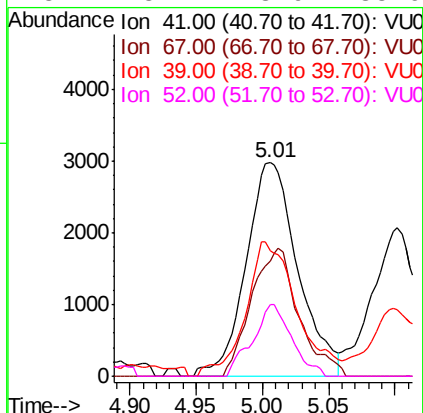
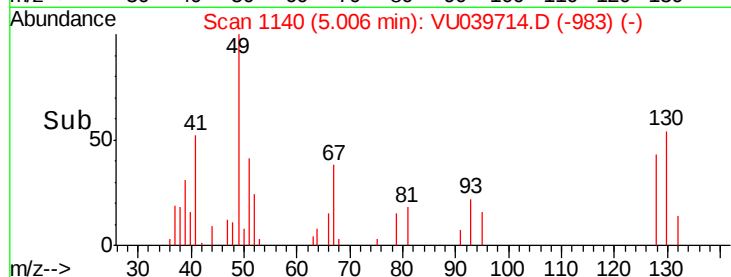
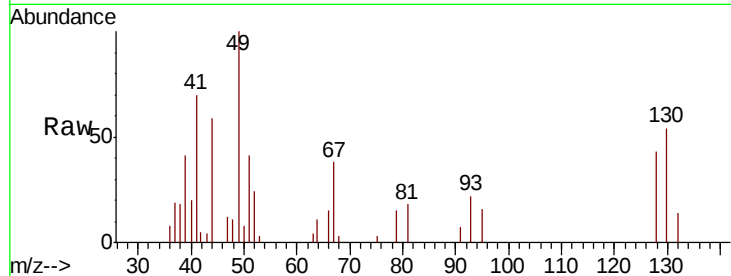




#39
Methacrylonitrile
Concen: 1.962 ug/l
RT: 5.01 min Scan# 1140
Delta R.T. 0.01 min
Lab File: VU039714.D
Acq: 29 Jul 2020 20:24

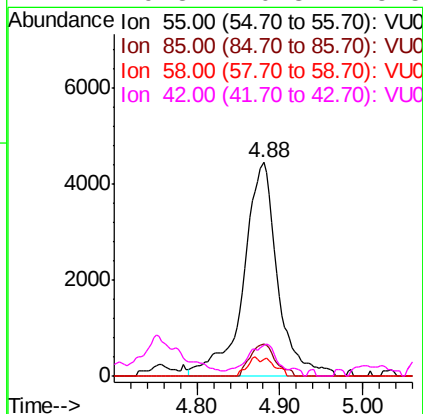
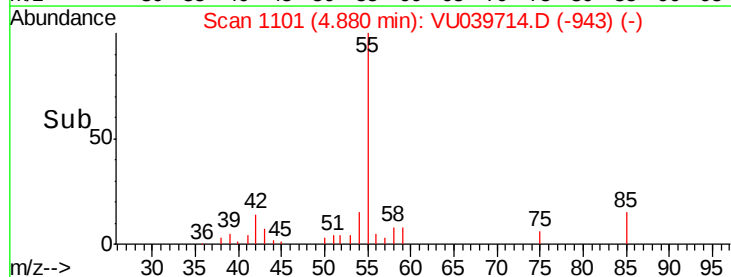
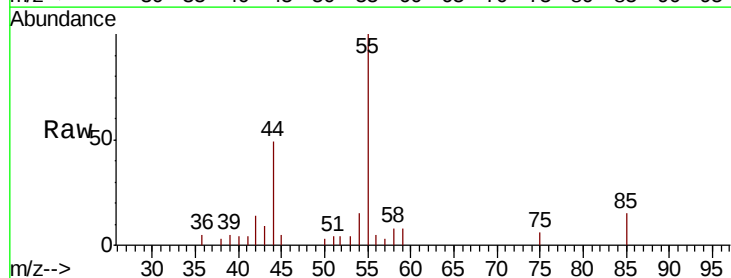
Instrument :
MSVOA_U
ClientSampleId :
VU0729WBSD01

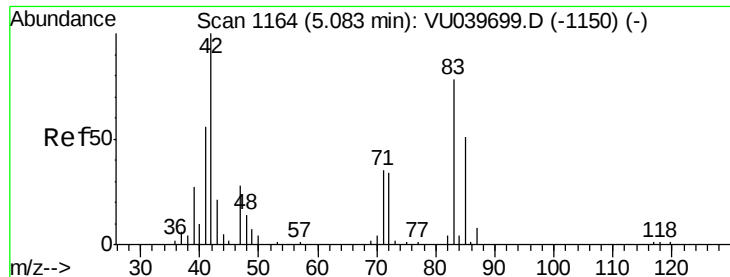
Tot Ion:	41	Resp:	8115
Ion	Ratio	Lower	Upper
41	100		
67	54.6	48.3	72.5
39	62.4	47.6	71.4
52	25.4	23.9	35.9



#40
Methyl acrylate
Concen: 2.370 ug/l
RT: 4.88 min Scan# 1101
Delta R.T. 0.01 min
Lab File: VU039714.D
Acq: 29 Jul 2020 20:24

Tgt Ion:	55	Resp:	12645
Ion	Ratio	Lower	Upper
55	100		
85	11.2	11.4	17.0#
58	3.4	7.4	11.0#
42	9.8	10.3	15.5#





#41

Tetrahydrofuran

Concen: 4.422 ug/l

RT: 5.10 min Scan# 1170

Delta R.T. 0.02 min

Lab File: VU039714.D

Acq: 29 Jul 2020 20:24

Instrument :

MSVOA_U

ClientSampleId :

VU0729WBSD01

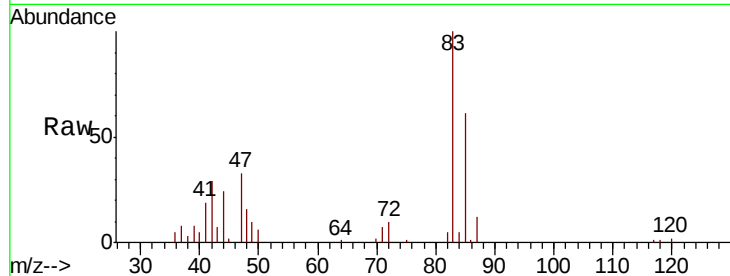
Tot Ion: 42 Resp: 9204

Ion Ratio Lower Upper

42 100

72 33.2 31.0 46.6

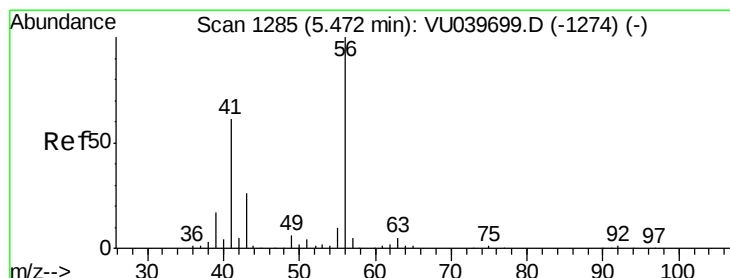
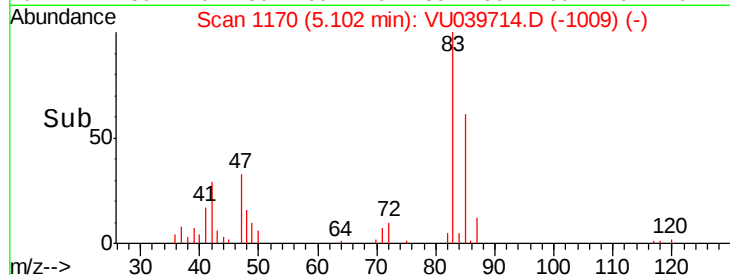
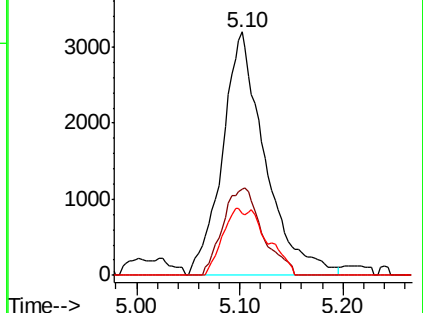
71 14.5 28.2 42.4#



Abundance Ion 42.00 (41.70 to 42.70): VU039714.D (-1170) (-)

Ion 72.00 (71.70 to 72.70): VU039714.D (-1170) (-)

Ion 71.00 (70.70 to 71.70): VU039714.D (-1170) (-)



#42

1-Chlorobutane

Concen: 1.868 ug/l

RT: 5.47 min Scan# 1285

Delta R.T. -0.00 min

Lab File: VU039714.D

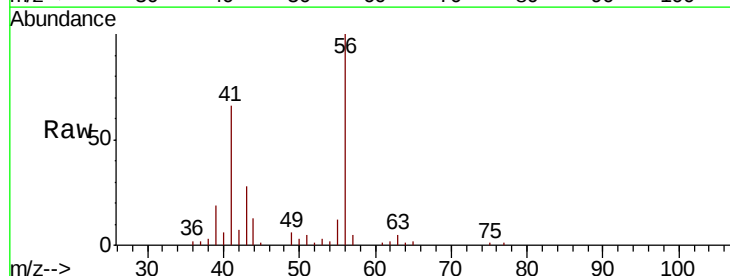
Acq: 29 Jul 2020 20:24

Tgt Ion: 56 Resp: 30580

Ion Ratio Lower Upper

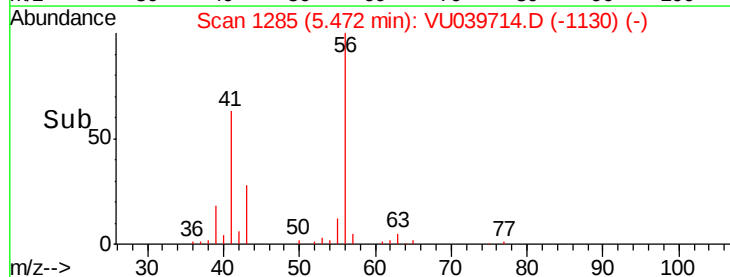
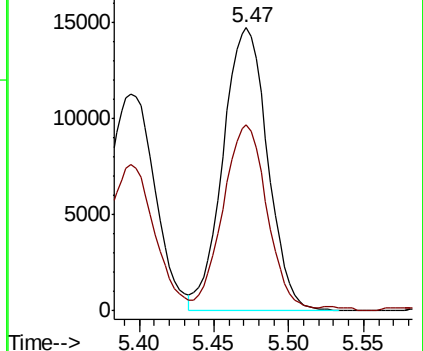
56 100

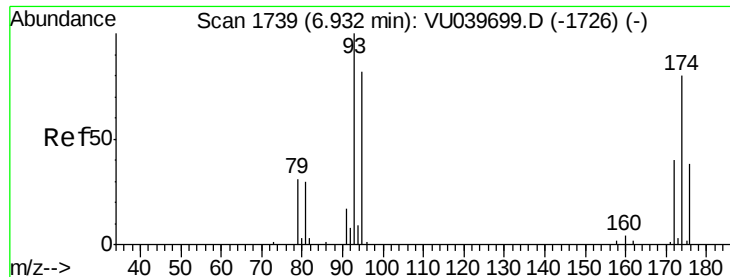
41 62.8 30.5 91.5



Abundance Ion 56.00 (55.70 to 56.70): VU039714.D (-1285) (-)

Ion 41.00 (40.70 to 41.70): VU039714.D (-1285) (-)





#43

Dibromomethane

Concen: 1.863 ug/l

RT: 6.93 min Scan# 1739

Delta R.T. -0.00 min

Lab File: VU039714.D

Acq: 29 Jul 2020 20:24

Instrument :

MSVOA_U

ClientSampleId :

VU0729WBSD01

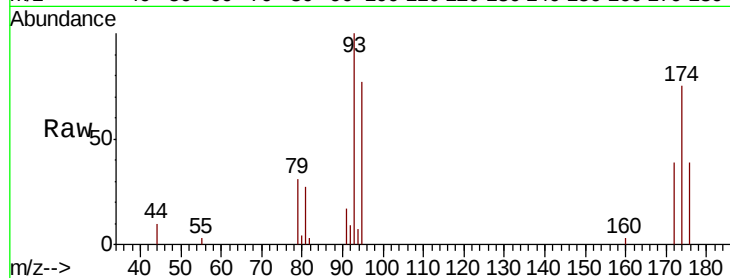
Tot Ion: 93 Resp: 7128

Ion Ratio Lower Upper

93 100

95 81.3 66.6 99.8

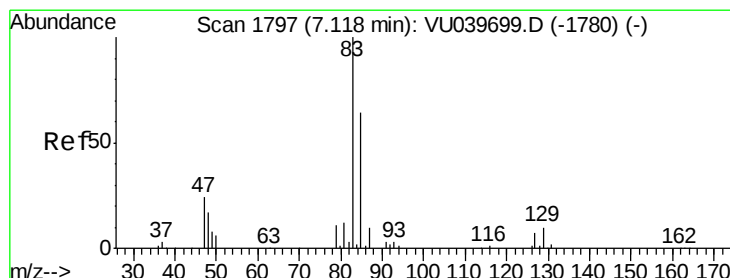
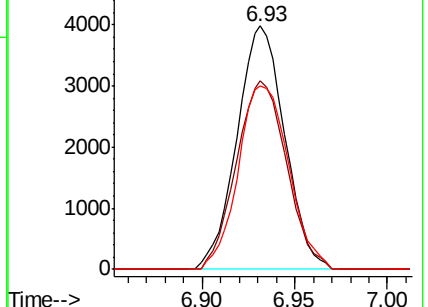
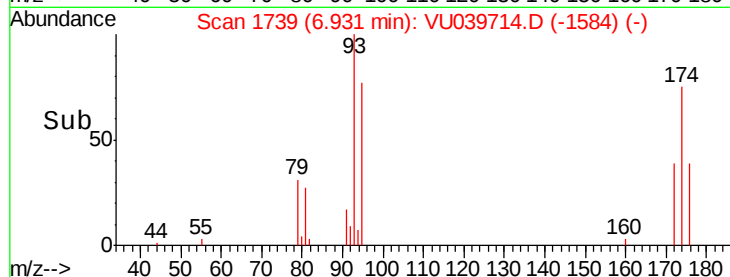
174 79.7 62.7 94.1



Abundance Ion 93.00 (92.70 to 93.70): VU039714.D (-1584) (-)

Ion 95.00 (94.70 to 95.70): VU039714.D (-1584) (-)

Ion 174.00 (173.70 to 174.70): VU039714.D (-1584) (-)



#44

Bromodichloromethane

Concen: 1.778 ug/l

RT: 7.12 min Scan# 1797

Delta R.T. -0.00 min

Lab File: VU039714.D

Acq: 29 Jul 2020 20:24

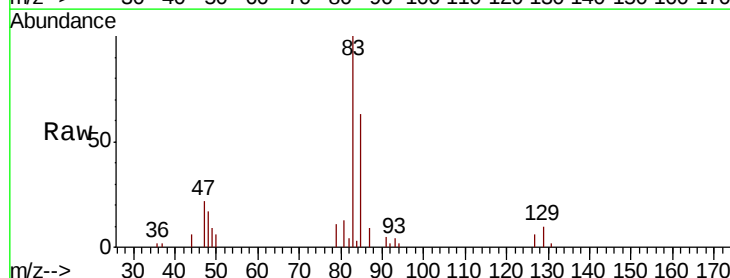
Tgt Ion: 83 Resp: 15599

Ion Ratio Lower Upper

83 100

85 63.1 50.8 76.2

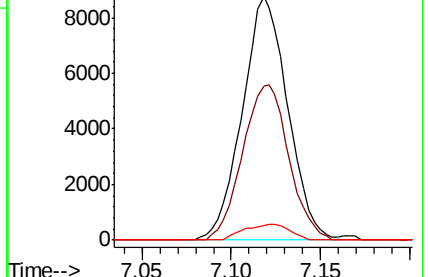
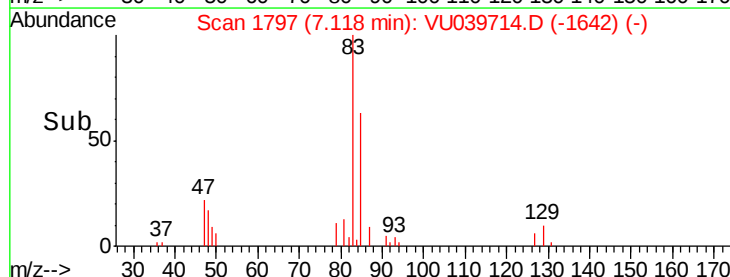
127 5.8 5.8 8.6

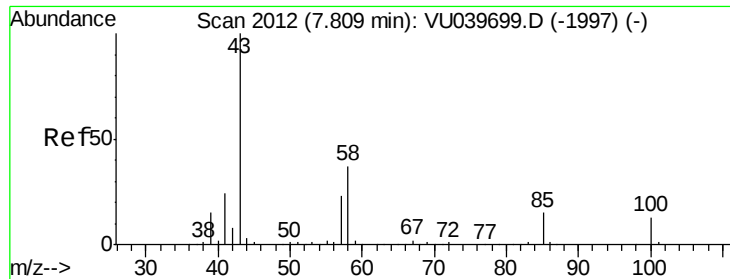


Abundance Ion 83.00 (82.70 to 83.70): VU039714.D (-1642) (-)

Ion 85.00 (84.70 to 85.70): VU039714.D (-1642) (-)

Ion 127.00 (126.70 to 127.70): VU039714.D (-1642) (-)

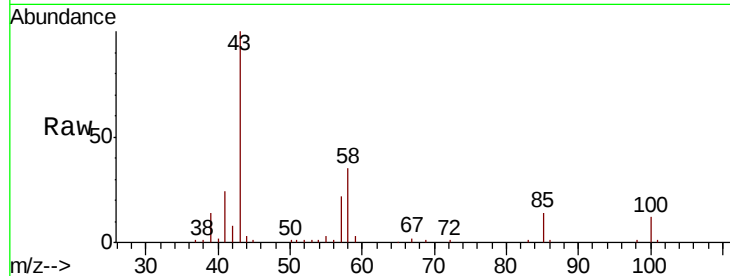




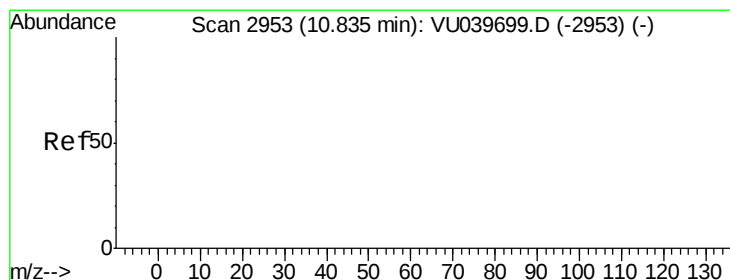
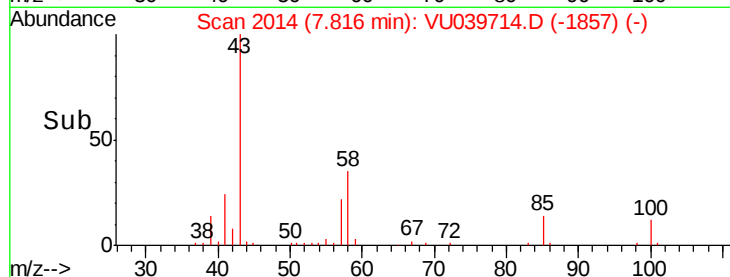
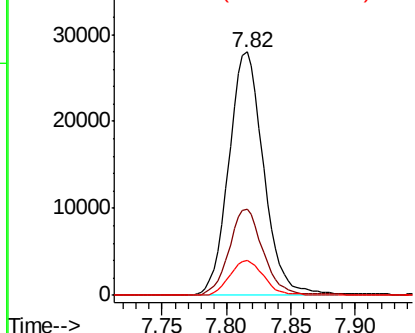
#45
4-Methyl-2-Pentanone
Concen: 9.078 ug/l
RT: 7.82 min Scan# 2014
Delta R.T. 0.01 min
Lab File: VU039714.D
Acq: 29 Jul 2020 20:24

Instrument :
MSVOA_U
ClientSampled :
VU0729WBSD01

Tot Ion: 43 Resp: 52624
Ion Ratio Lower Upper
43 100
58 34.6 18.4 55.0
85 14.0 11.8 17.6

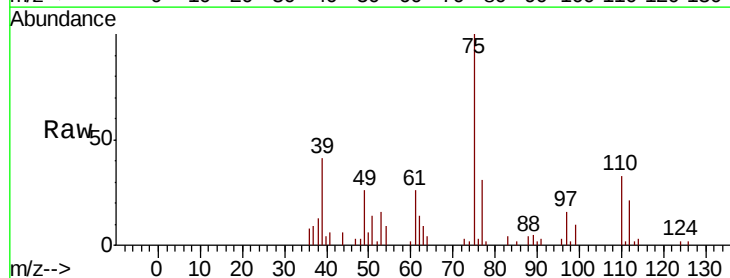


Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0
Ion 85.00 (84.70 to 85.70): VU0

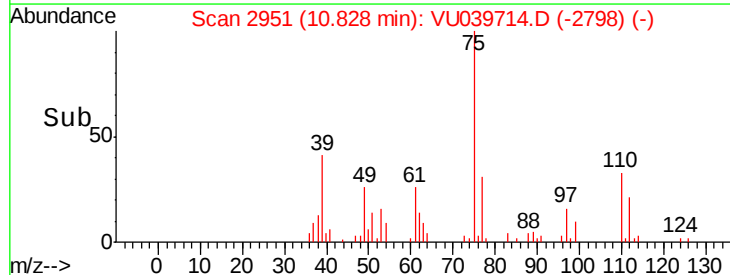
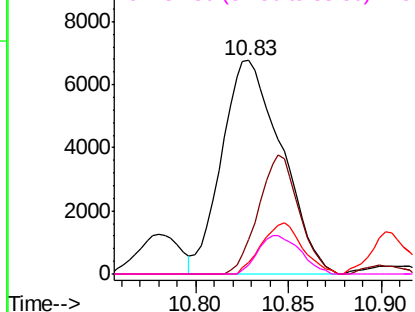


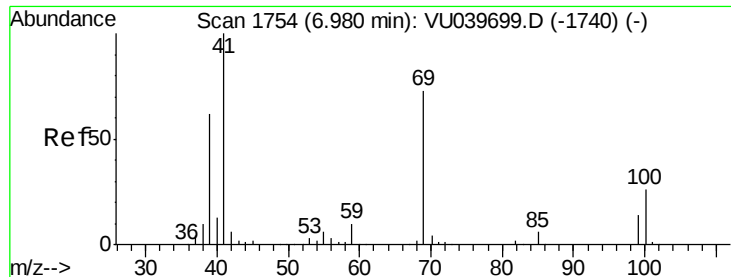
#46
t-1,4-Dichloro-2-butene
Concen: 8.813 ug/l
RT: 10.83 min Scan# 2951
Delta R.T. -0.01 min
Lab File: VU039714.D
Acq: 29 Jul 2020 20:24

Tgt Ion: 75 Resp: 15195
Ion Ratio Lower Upper
75 100
53 37.7 78.6 118.0#
89 16.4 40.3 60.5#
88 12.8 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

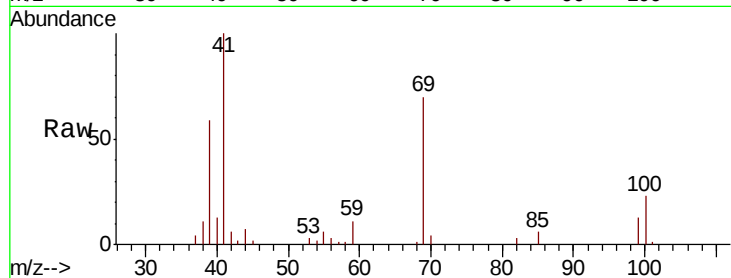




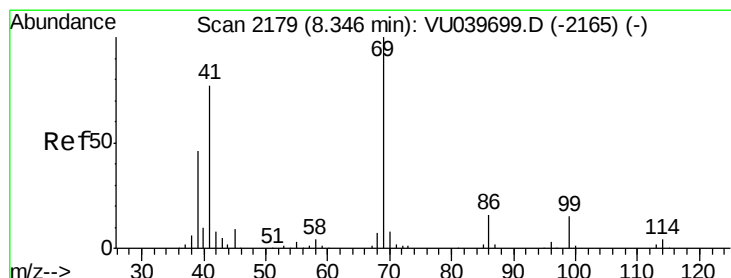
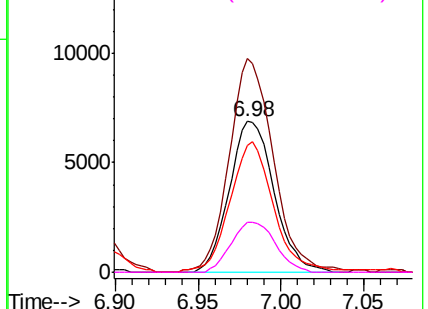
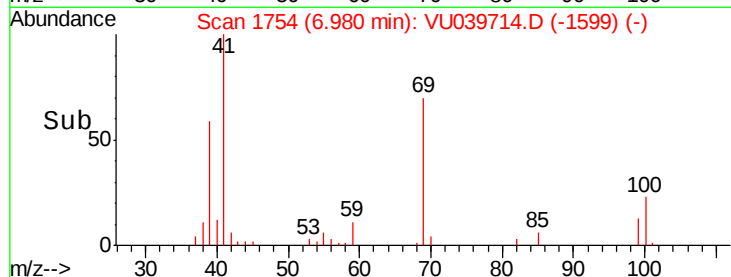
#47
Methyl methacrylate
Concen: 3.610 ug/l
RT: 6.98 min Scan# 1754
Delta R.T. -0.00 min
Lab File: VU039714.D
Acq: 29 Jul 2020 20:24

Instrument :
MSVOA_U
ClientSampleId :
VU0729WBSD01

Tot Ion: 69 Resp: 12885
Ion Ratio Lower Upper
69 100
41 140.0 0.0 271.6
39 84.7 67.4 101.2
100 32.9 28.3 42.5

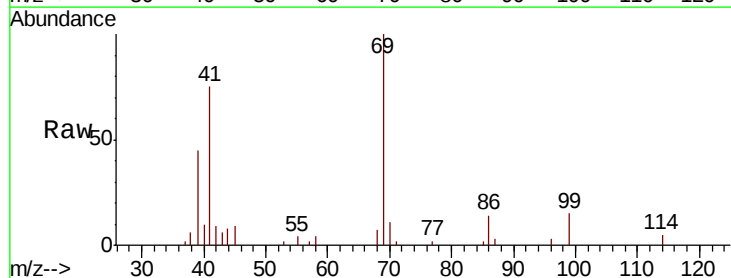


Abundance Ion 69.00 (68.70 to 69.70): VU0
Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 100.00 (99.70 to 100.70): VU0

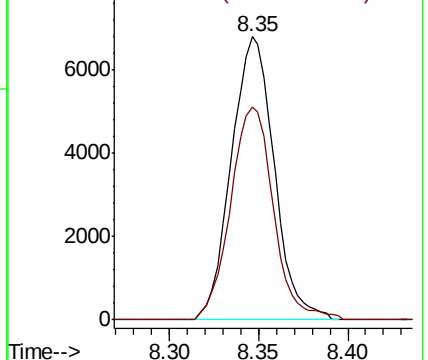
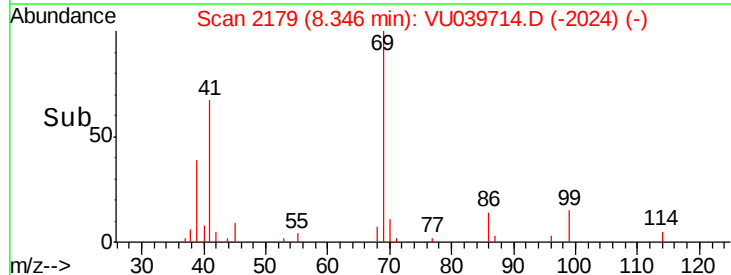


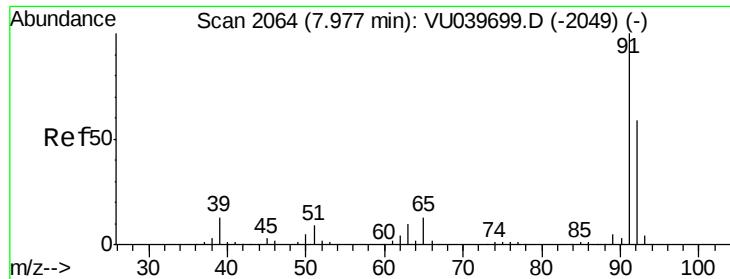
#48
Ethyl methacrylate
Concen: 1.729 ug/l
RT: 8.35 min Scan# 2179
Delta R.T. -0.00 min
Lab File: VU039714.D
Acq: 29 Jul 2020 20:24

Tgt Ion: 69 Resp: 11358
Ion Ratio Lower Upper
69 100
41 75.3 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: 1.751 ug/l

RT: 7.98 min Scan# 2064

Delta R.T. -0.00 min

Lab File: VU039714.D

Acq: 29 Jul 2020 20:24

Instrument :

MSVOA_U

ClientSampleId :

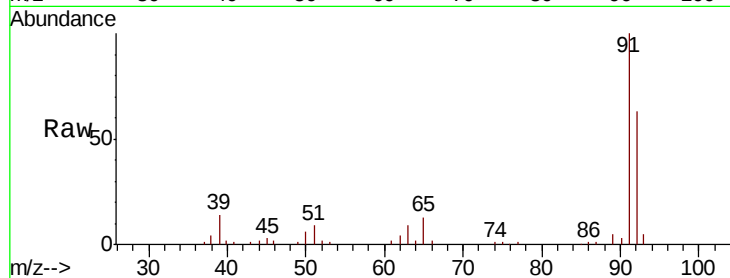
VU0729WBSD01

Tot Ion: 92 Resp: 26896

Ion Ratio Lower Upper

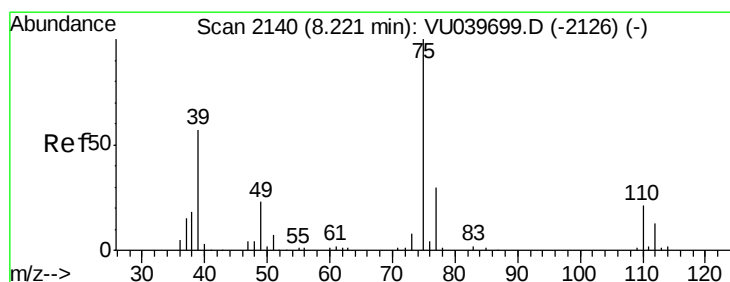
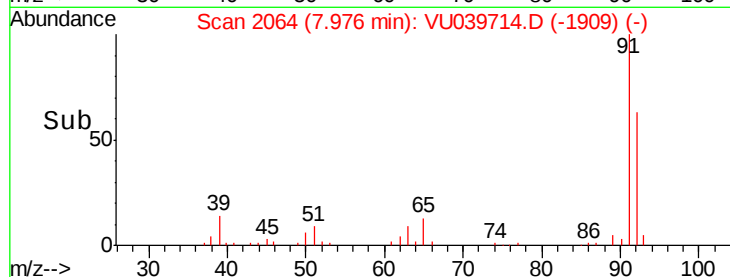
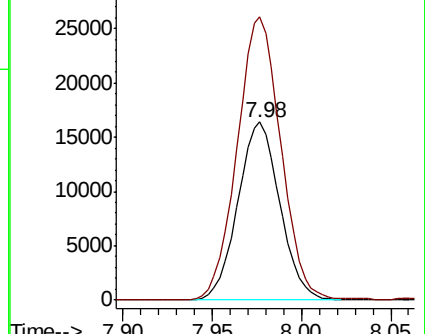
92 100

91 165.7 136.1 204.1



Abundance Ion 92.00 (91.70 to 92.70): VU039714.D (-1909) (-)

Ion 91.00 (90.70 to 91.70): VU039714.D (-1909) (-)



#50

t-1,3-Dichloropropene

Concen: 1.643 ug/l

RT: 8.22 min Scan# 2140

Delta R.T. -0.00 min

Lab File: VU039714.D

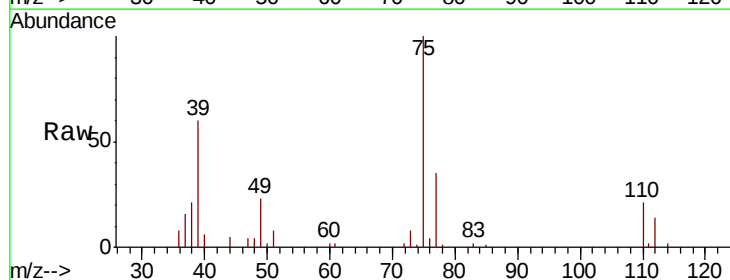
Acq: 29 Jul 2020 20:24

Tgt Ion: 75 Resp: 12988

Ion Ratio Lower Upper

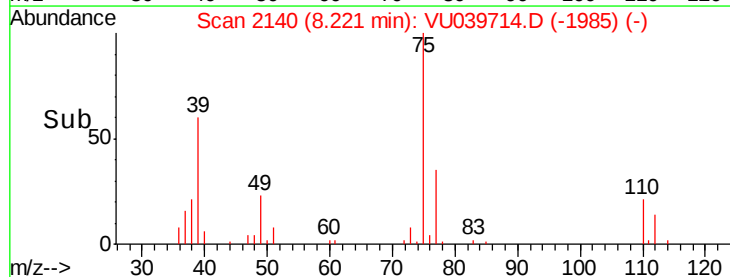
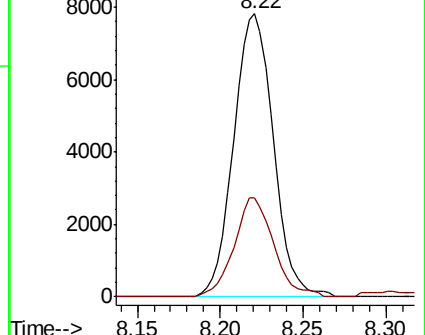
75 100

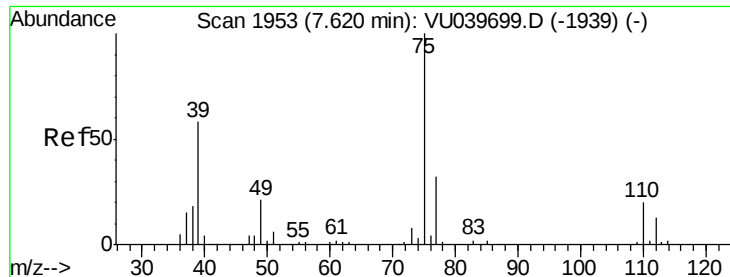
77 35.2 24.3 36.5



Abundance Ion 75.00 (74.70 to 75.70): VU039714.D (-1985) (-)

Ion 77.00 (76.70 to 77.70): VU039714.D (-1985) (-)



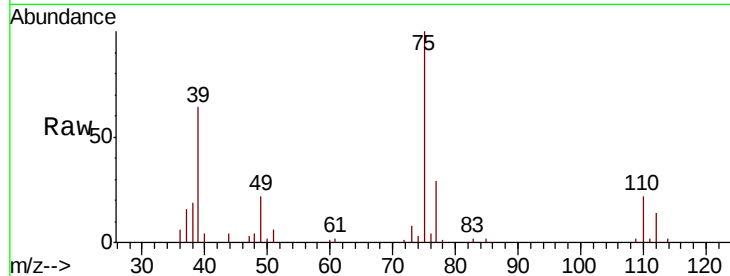


#51

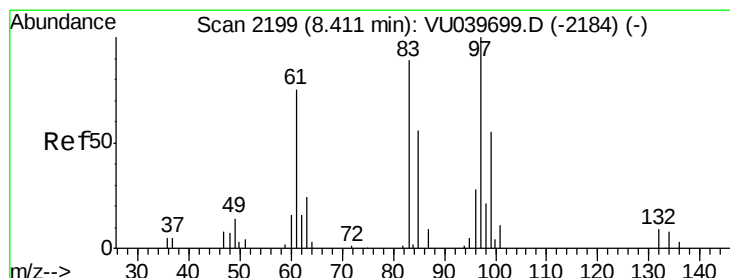
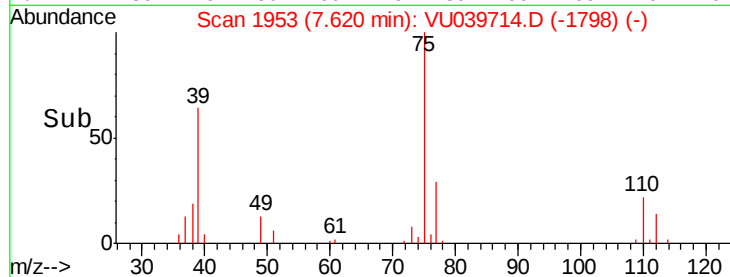
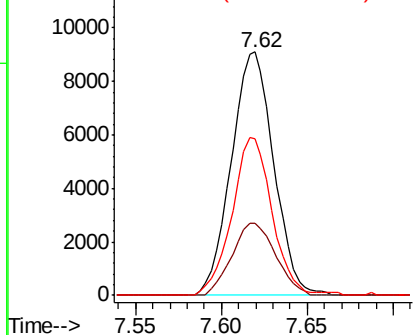
cis-1,3-Dichloropropene
 Concen: 1.676 ug/l
 RT: 7.62 min Scan# 1953
 Delta R.T. -0.00 min
 Lab File: VU039714.D
 Acq: 29 Jul 2020 20:24

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0729WBSD01

Tot Ion: 75 Resp: 15571
 Ion Ratio Lower Upper
 75 100
 77 29.5 25.7 38.5
 39 64.1 46.1 69.1



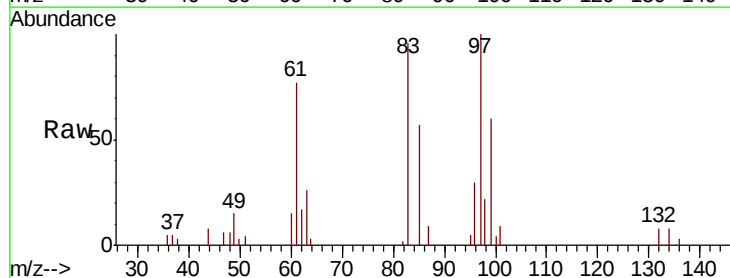
Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 77.00 (76.70 to 77.70): VU0
 Ion 39.00 (38.70 to 39.70): VU0



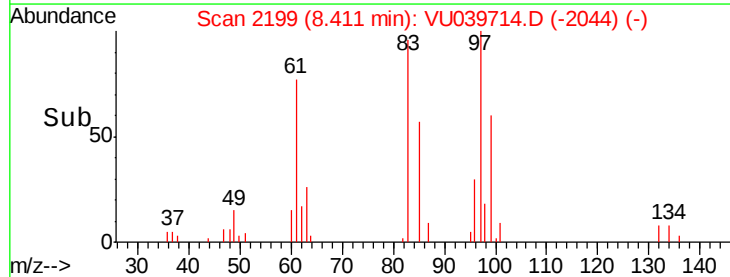
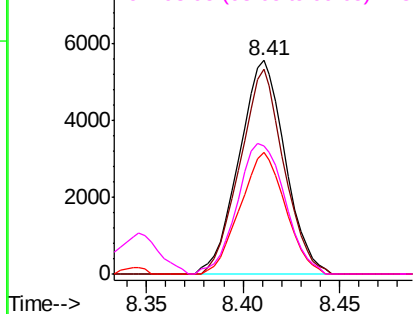
#52

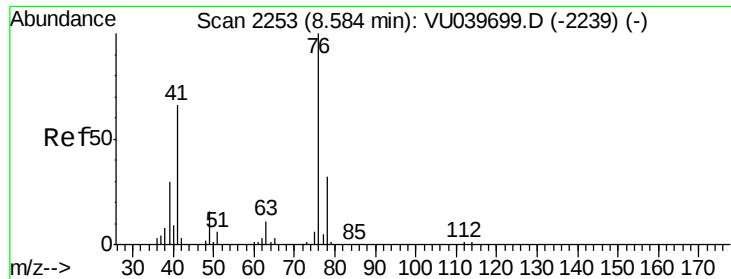
1,1,2-Trichloroethane
 Concen: 1.848 ug/l
 RT: 8.41 min Scan# 2199
 Delta R.T. -0.00 min
 Lab File: VU039714.D
 Acq: 29 Jul 2020 20:24

Tgt Ion: 97 Resp: 9189
 Ion Ratio Lower Upper
 97 100
 83 96.0 71.3 106.9
 85 56.9 45.4 68.2
 99 60.2 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

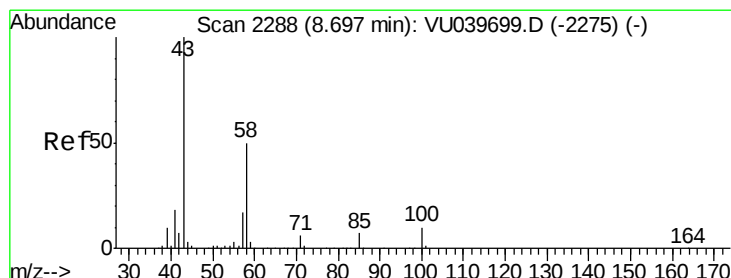
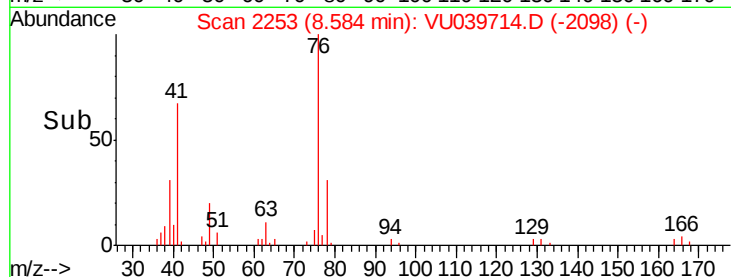
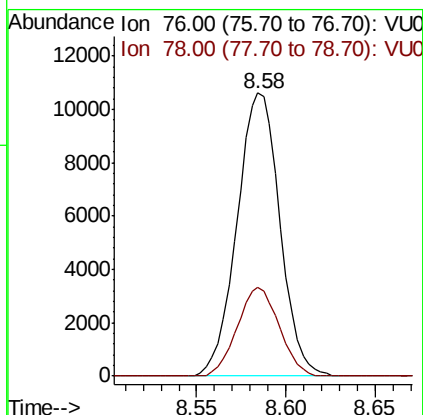
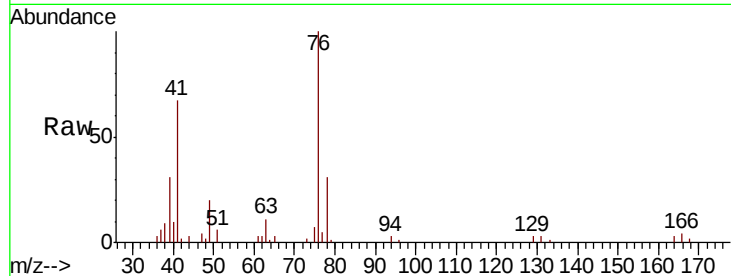




#53
 1,3-Dichloropropane
 Concen: 1.859 ug/l
 RT: 8.58 min Scan# 2253
 Delta R.T. -0.00 min
 Lab File: VU039714.D
 Acq: 29 Jul 2020 20:24

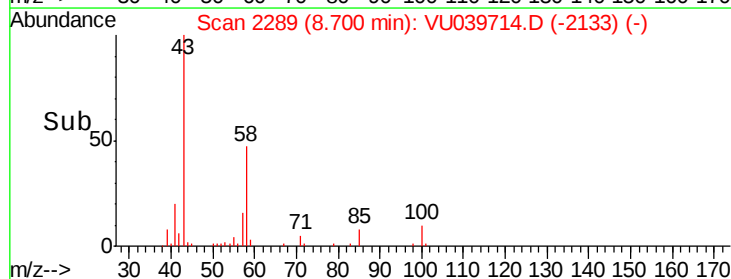
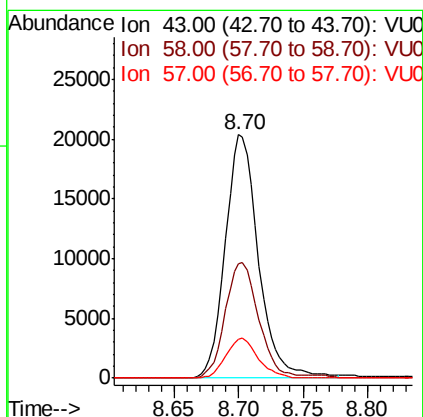
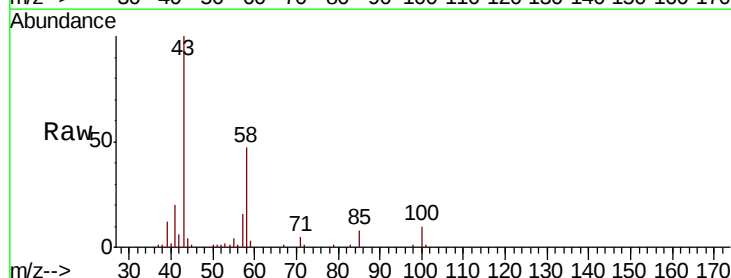
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0729WBSD01

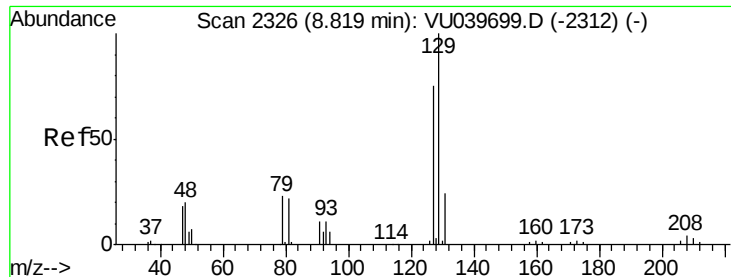
Tot Ion: 76 Resp: 17748
 Ion Ratio Lower Upper
 76 100
 78 30.5 25.4 38.2



#54
 2-Hexanone
 Concen: 8.790 ug/l
 RT: 8.70 min Scan# 2289
 Delta R.T. 0.00 min
 Lab File: VU039714.D
 Acq: 29 Jul 2020 20:24

Tgt Ion: 43 Resp: 36485
 Ion Ratio Lower Upper
 43 100
 58 48.4 29.9 69.9
 57 15.7 0.0 37.2

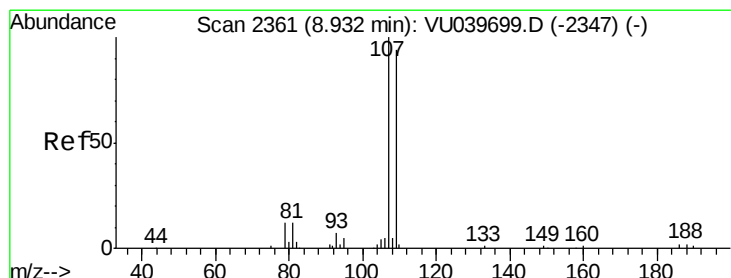
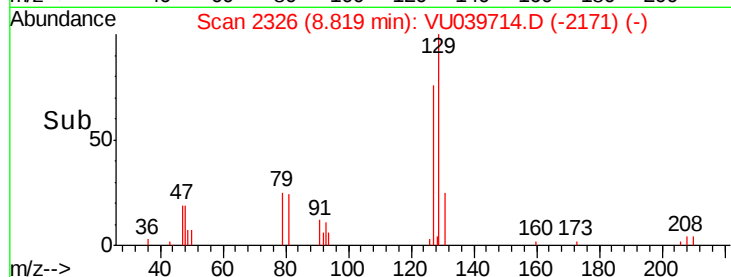
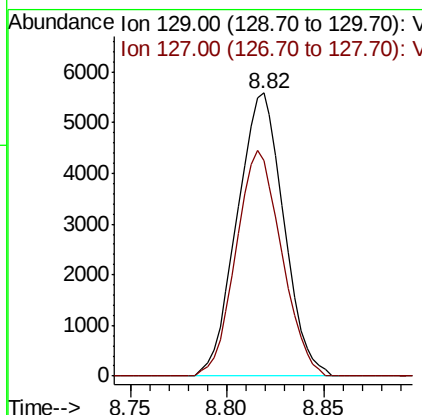
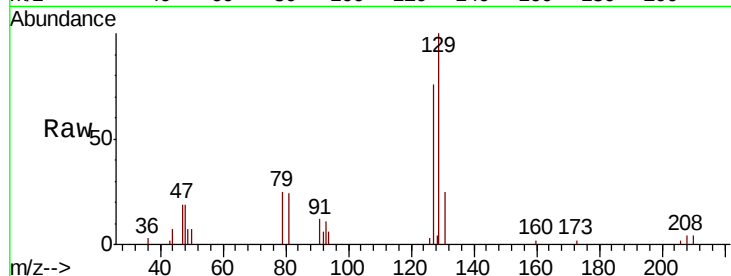




#55
 Dibromochloromethane
 Concen: 1.756 ug/l
 RT: 8.82 min Scan# 2326
 Delta R.T. -0.00 min
 Lab File: VU039714.D
 Acq: 29 Jul 2020 20:24

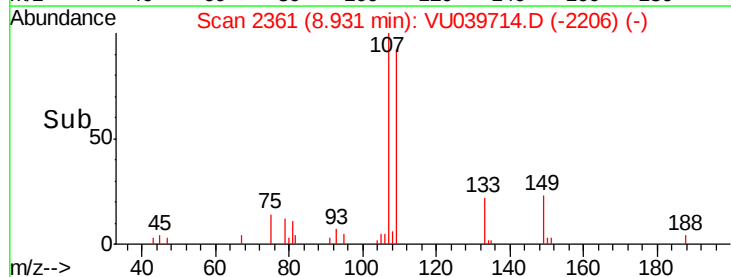
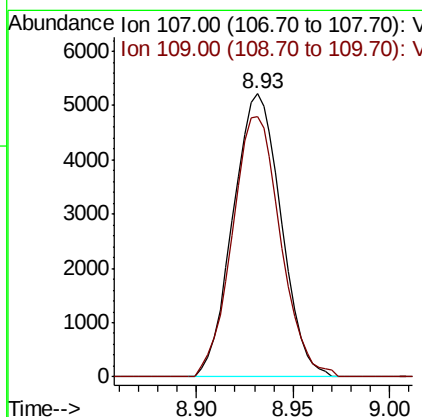
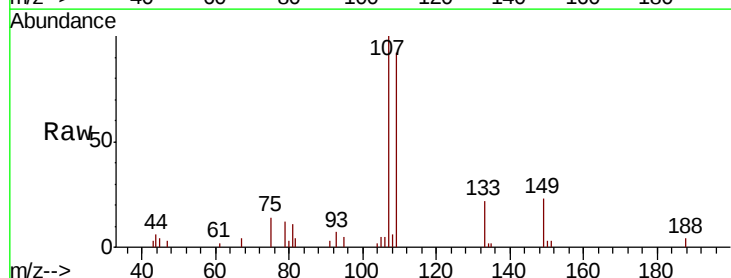
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0729WBSD01

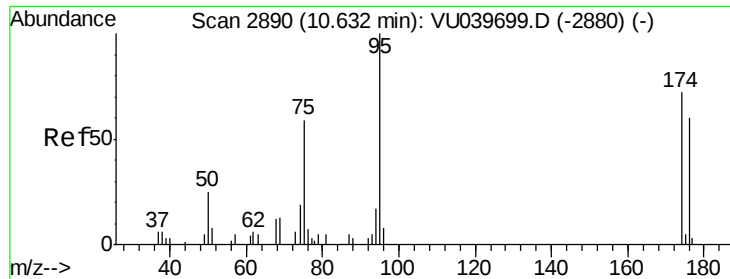
Tot Ion:129 Resp: 9377
 Ion Ratio Lower Upper
 129 100
 127 77.5 62.4 93.6



#56
 1,2-Dibromoethane
 Concen: 1.881 ug/l
 RT: 8.93 min Scan# 2361
 Delta R.T. -0.00 min
 Lab File: VU039714.D
 Acq: 29 Jul 2020 20:24

Tgt Ion:107 Resp: 9010
 Ion Ratio Lower Upper
 107 100
 109 92.4 0.0 185.2





#57

4-Bromofluorobenzene

Concen: 0.878 ug/l

RT: 10.63 min Scan# 2890

Delta R.T. -0.00 min

Lab File: VU039714.D

Acq: 29 Jul 2020 20:24

Instrument :

MSVOA_U

ClientSampleId :

VU0729WBSD01

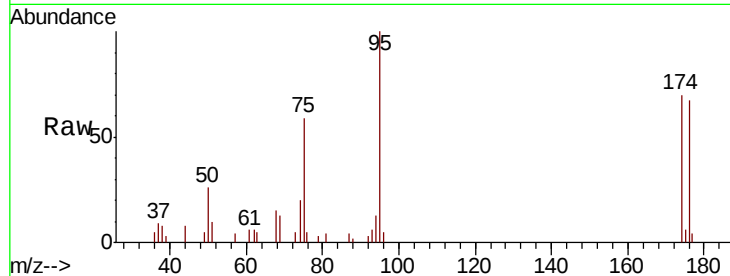
Tot Ion: 95 Resp: 7080

Ion Ratio Lower Upper

95 100

174 71.8 57.0 85.4

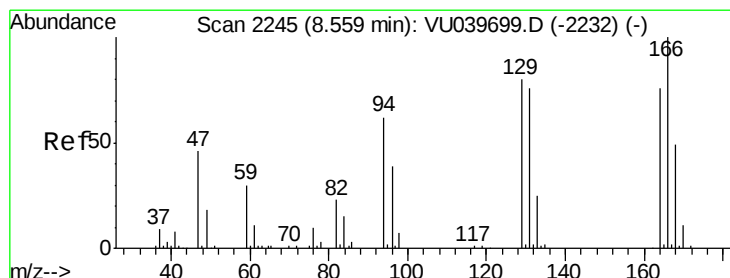
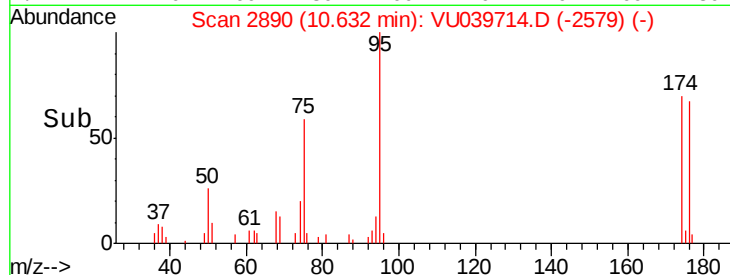
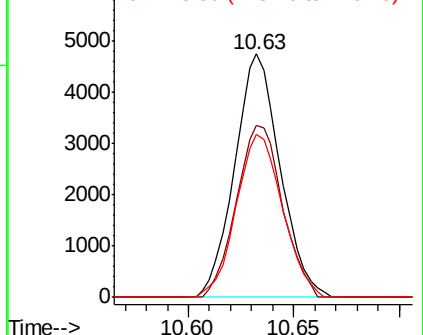
176 68.6 50.2 75.2



Abundance Ion 95.00 (94.70 to 95.70): VU039714.D (-2090) (-)

Ion 174.00 (173.70 to 174.70): VU039714.D (-2090) (-)

Ion 176.00 (175.70 to 176.70): VU039714.D (-2090) (-)



#58

Tetrachloroethene

Concen: 1.795 ug/l

RT: 8.56 min Scan# 2245

Delta R.T. -0.00 min

Lab File: VU039714.D

Acq: 29 Jul 2020 20:24

Tgt Ion: 164 Resp: 9276

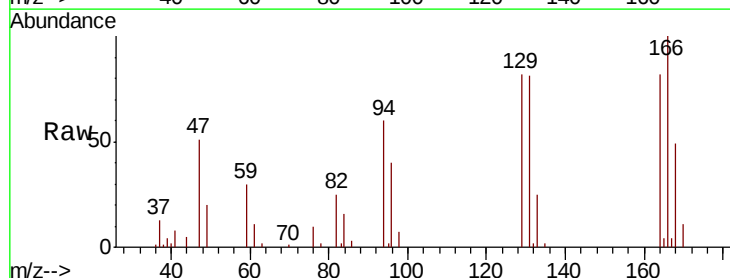
Ion Ratio Lower Upper

164 100

166 121.5 104.8 157.2

129 99.3 84.1 126.1

131 98.3 80.1 120.1

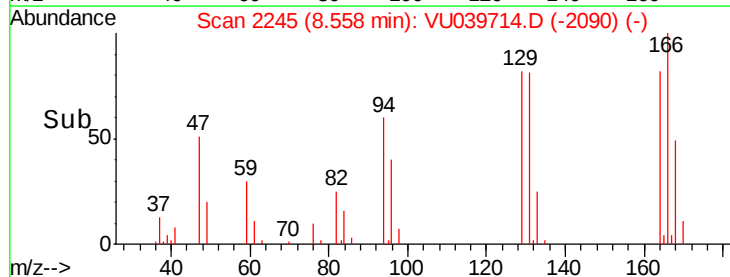
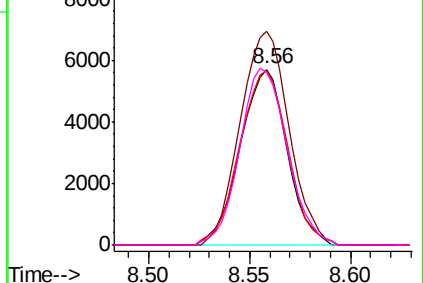


Abundance Ion 163.85 (163.55 to 164.55): VU039714.D (-2090) (-)

Ion 165.80 (165.50 to 166.50): VU039714.D (-2090) (-)

Ion 128.90 (128.60 to 129.60): VU039714.D (-2090) (-)

Ion 130.90 (130.60 to 131.60): VU039714.D (-2090) (-)





#59

Chlorobenzene

Concen: 1.719 ug/l

RT: 9.45 min Scan# 2522

Delta R.T. -0.00 min

Lab File: VU039714.D

Acq: 29 Jul 2020 20:24

Instrument :

MSVOA_U

ClientSampleId :

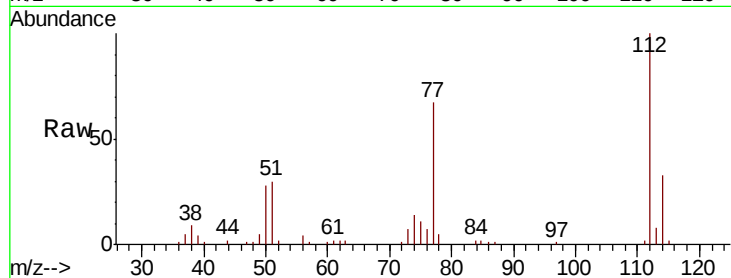
VU0729WBSD01

Tot Ion:112 Resp: 27306

Ion Ratio Lower Upper

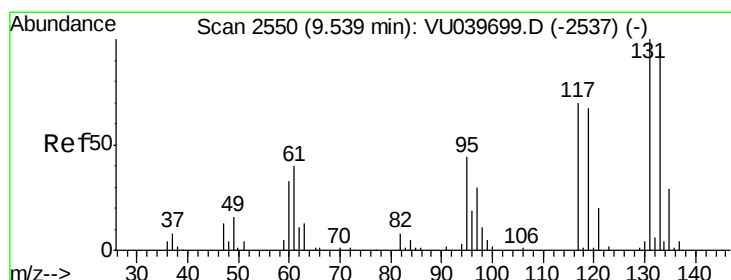
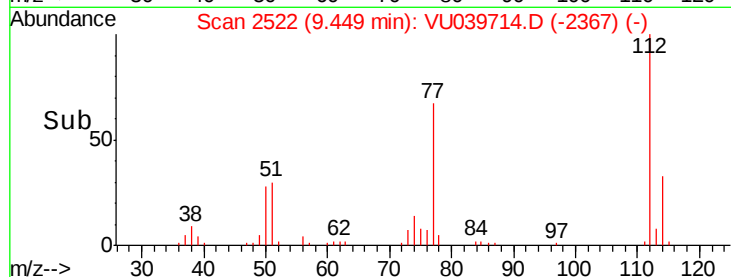
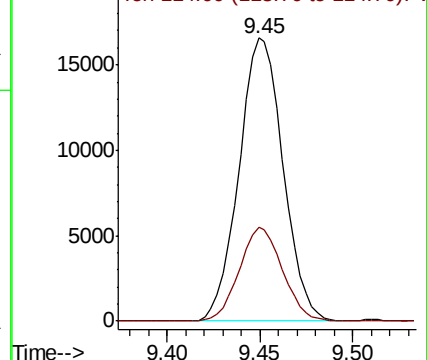
112 100

114 33.1 25.8 38.6



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V



#60

1,1,1,2-Tetrachloroethane

Concen: 1.777 ug/l

RT: 9.54 min Scan# 2550

Delta R.T. -0.00 min

Lab File: VU039714.D

Acq: 29 Jul 2020 20:24

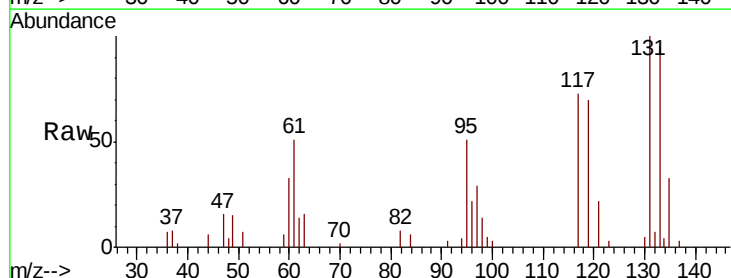
Tgt Ion:131 Resp: 9516

Ion Ratio Lower Upper

131 100

133 93.8 75.8 113.8

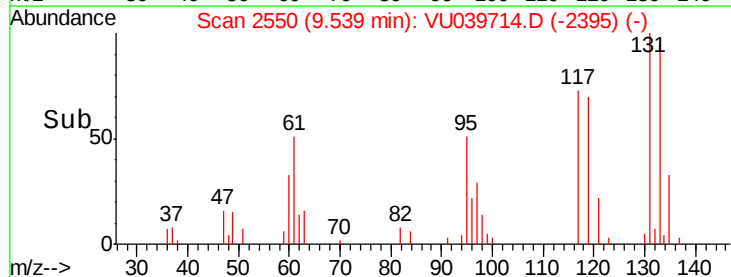
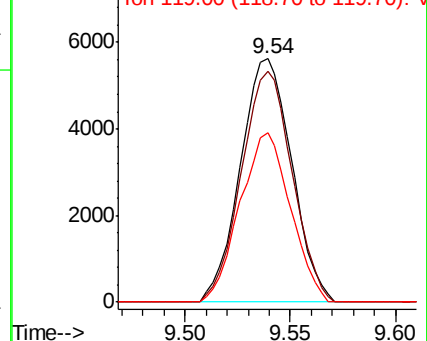
119 68.2 54.6 81.8

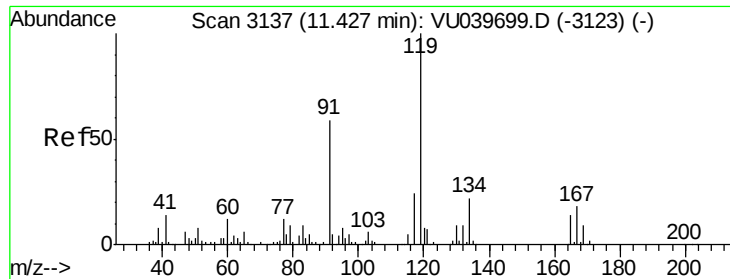


Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V

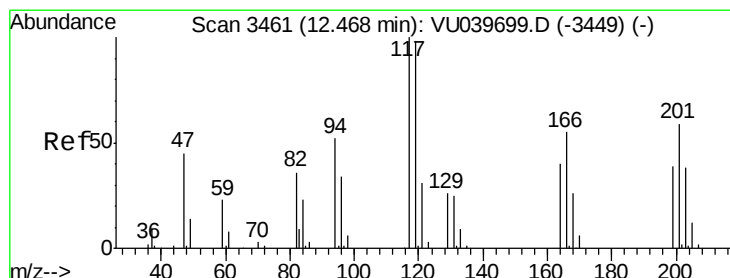
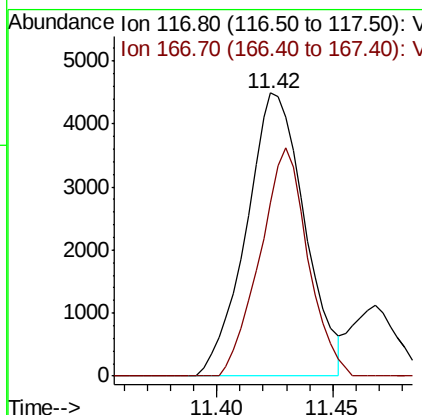
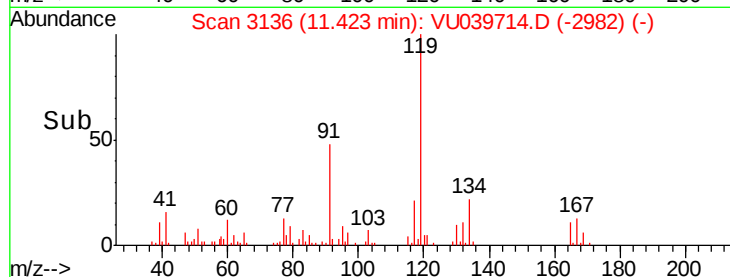
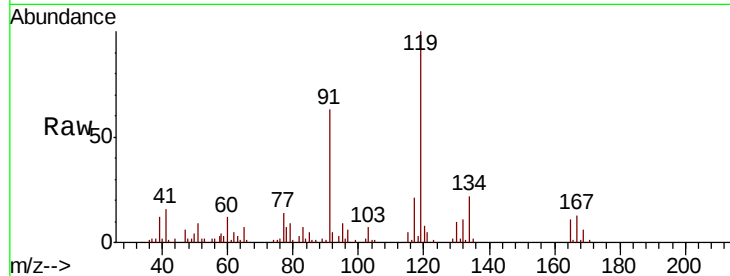




#61
 Pentachloroethane
 Concen: 1.673 ug/l
 RT: 11.42 min Scan# 3136
 Delta R.T. -0.00 min
 Lab File: VU039714.D
 Acq: 29 Jul 2020 20:24

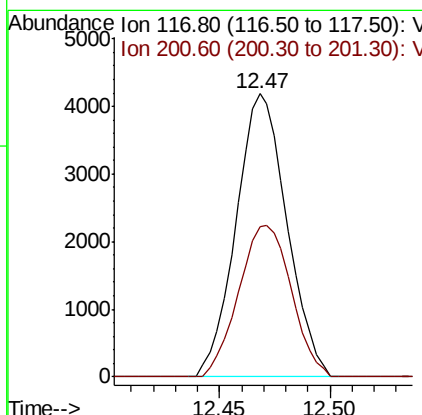
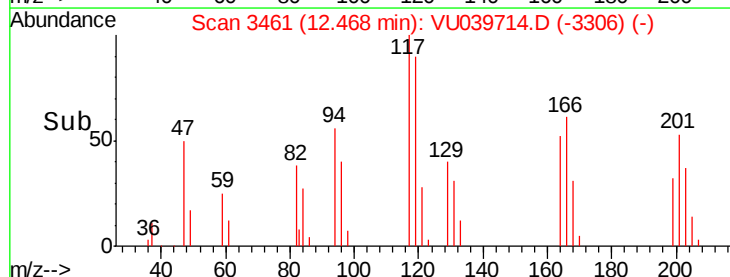
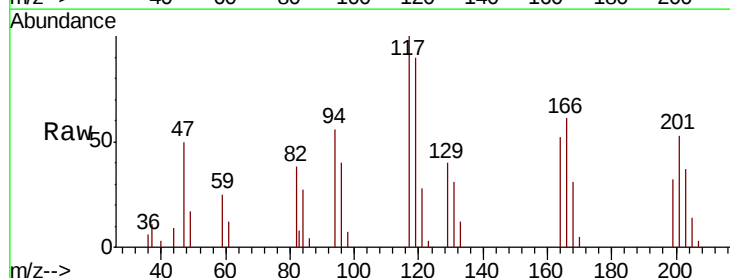
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0729WBSD01

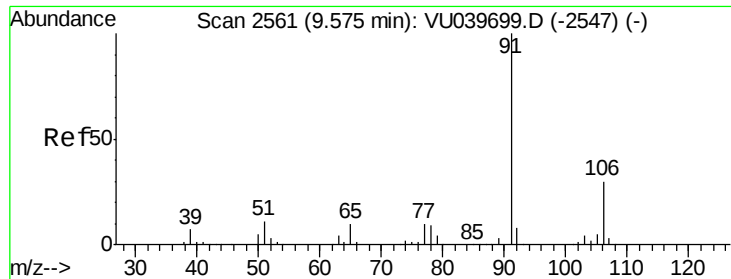
Tot Ion:117 Resp: 7870
 Ion Ratio Lower Upper
 117 100
 167 66.0 56.6 85.0



#62
 Hexachloroethane
 Concen: 1.549 ug/l
 RT: 12.47 min Scan# 3461
 Delta R.T. -0.00 min
 Lab File: VU039714.D
 Acq: 29 Jul 2020 20:24

Tgt Ion:117 Resp: 6680
 Ion Ratio Lower Upper
 117 100
 201 55.4 48.1 72.1

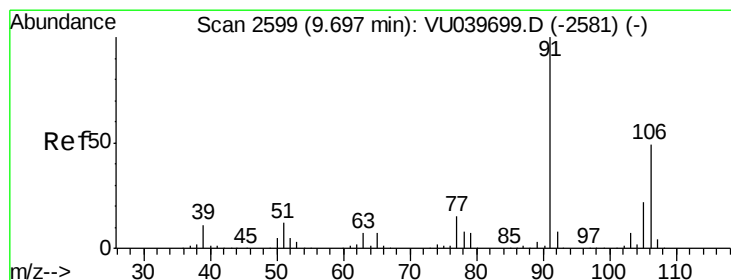
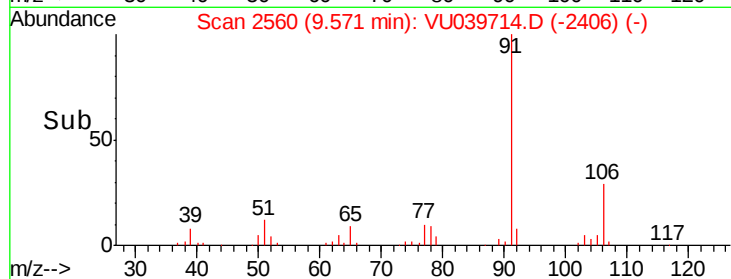
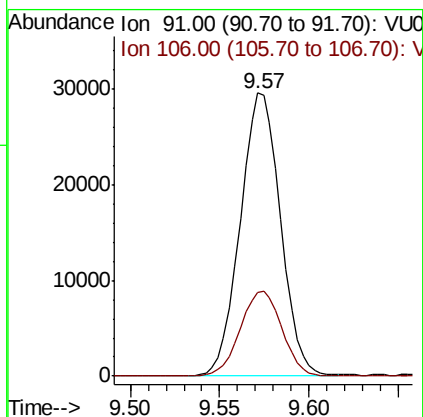
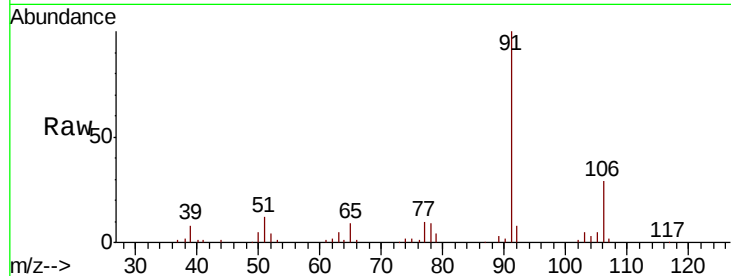




#63
Ethyl Benzene
Concen: 1.636 ug/l
RT: 9.57 min Scan# 2560
Delta R.T. -0.00 min
Lab File: VU039714.D
Acq: 29 Jul 2020 20:24

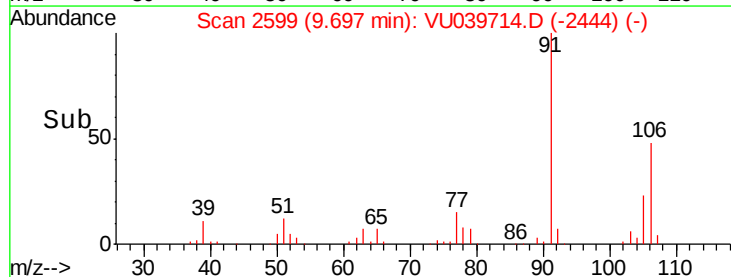
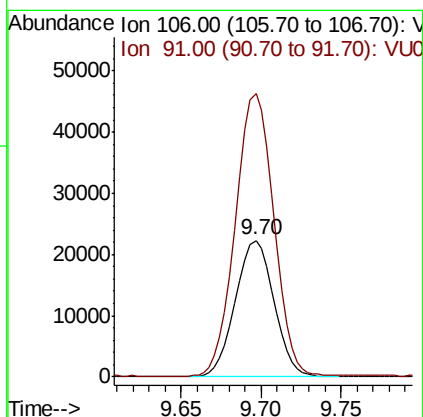
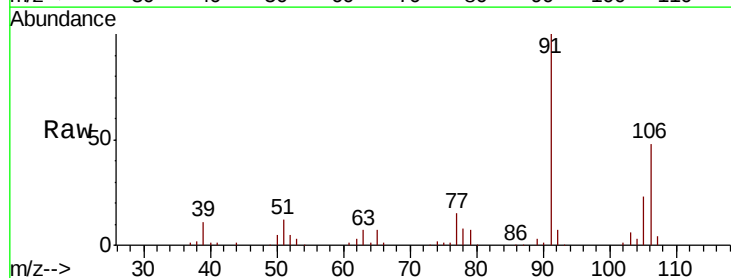
Instrument :
MSVOA_U
ClientSampleId :
VU0729WBSD01

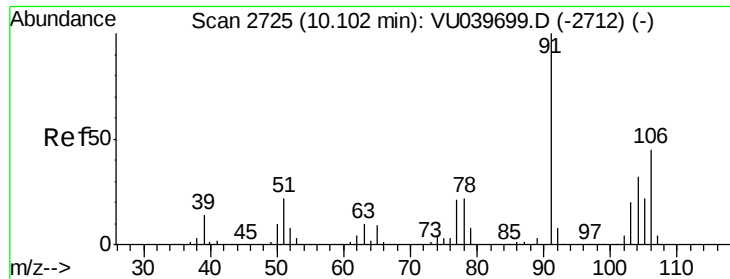
Tot Ion: 91 Resp: 46559
Ion Ratio Lower Upper
91 100
106 29.5 24.2 36.4



#64
m/p-Xylenes
Concen: 3.301 ug/l
RT: 9.70 min Scan# 2599
Delta R.T. -0.00 min
Lab File: VU039714.D
Acq: 29 Jul 2020 20:24

Tgt Ion: 106 Resp: 36705
Ion Ratio Lower Upper
106 100
91 205.7 163.9 245.9

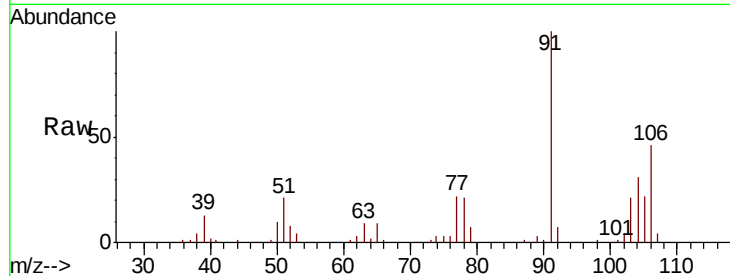




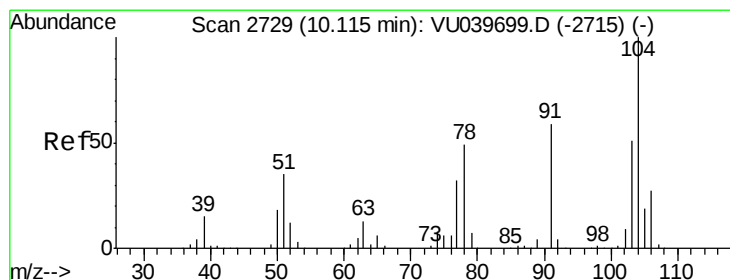
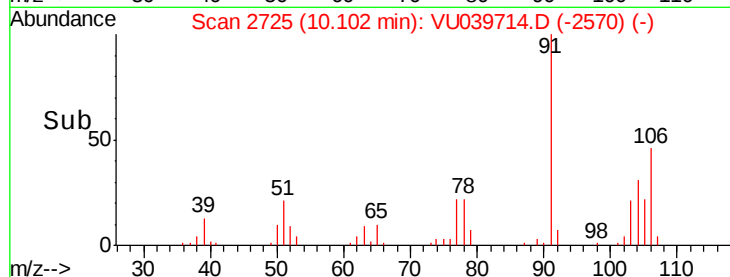
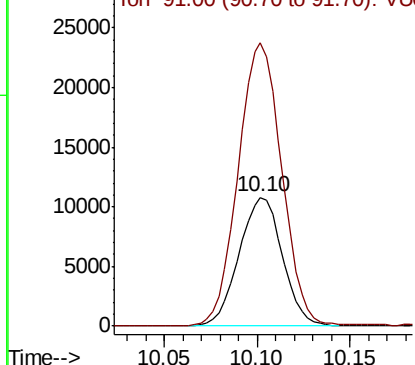
#65
o-Xylene
Concen: 1.665 ug/l
RT: 10.10 min Scan# 2725
Delta R.T. -0.00 min
Lab File: VU039714.D
Acq: 29 Jul 2020 20:24

Instrument :
MSVOA_U
ClientSampleId :
VU0729WBSD01

Tot Ion:106 Resp: 17576
Ion Ratio Lower Upper
106 100
91 220.3 110.3 331.0

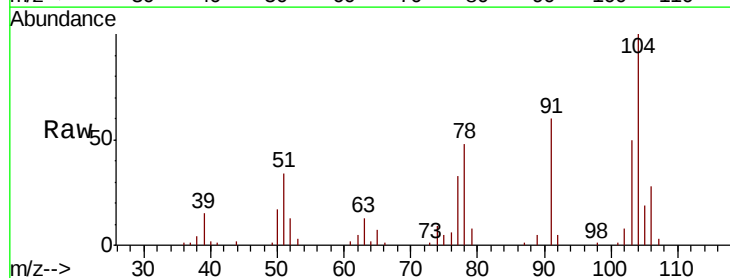


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

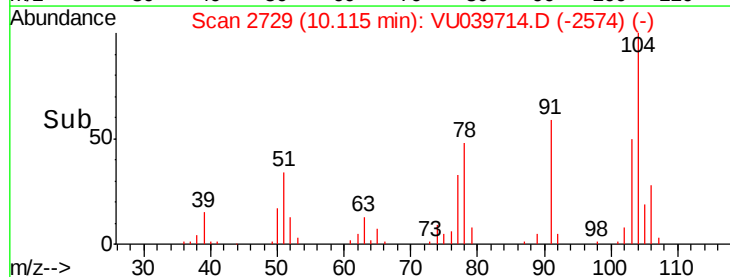
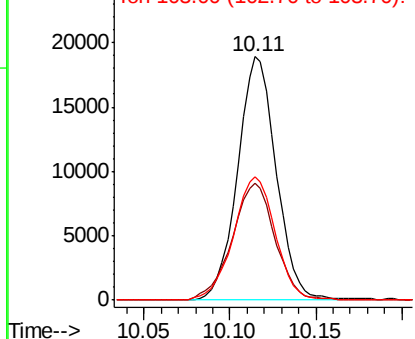


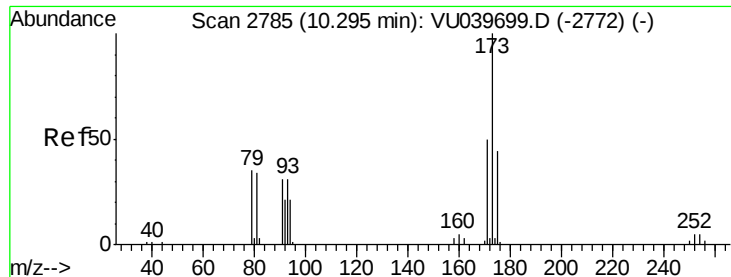
#66
Styrene
Concen: 1.628 ug/l
RT: 10.11 min Scan# 2729
Delta R.T. -0.00 min
Lab File: VU039714.D
Acq: 29 Jul 2020 20:24

Tgt Ion:104 Resp: 29462
Ion Ratio Lower Upper
104 100
78 53.7 42.2 63.4
103 54.9 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

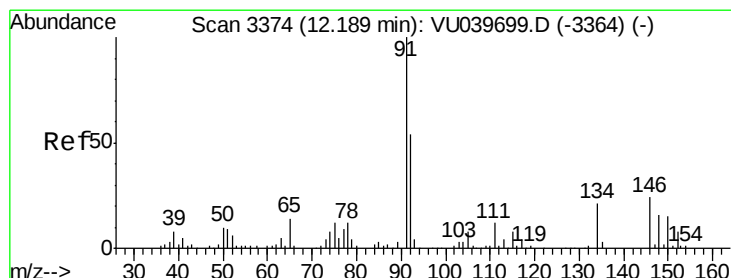
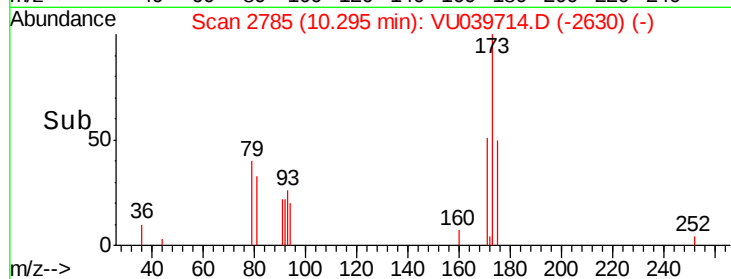
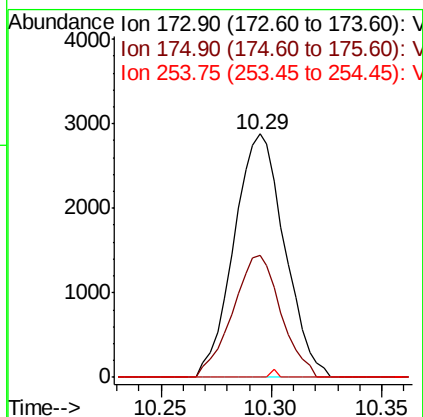
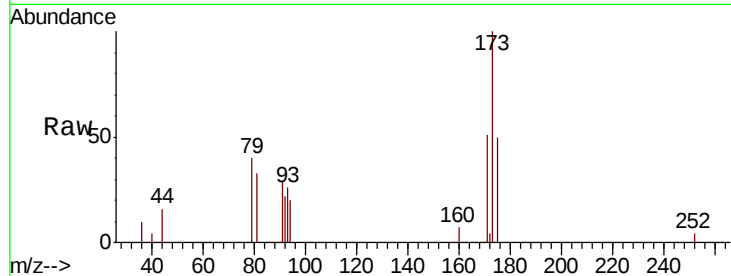




#67
Bromoform
Concen: 1.684 ug/l
RT: 10.29 min Scan# 2785
Delta R.T. -0.00 min
Lab File: VU039714.D
Acq: 29 Jul 2020 20:24

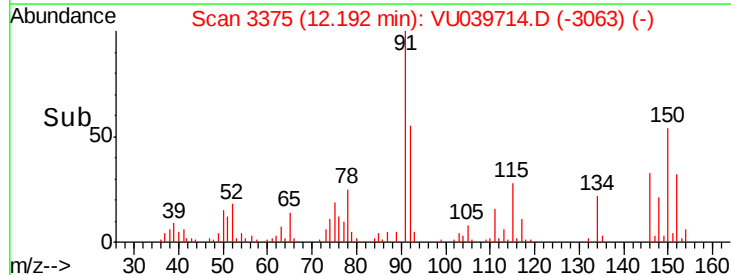
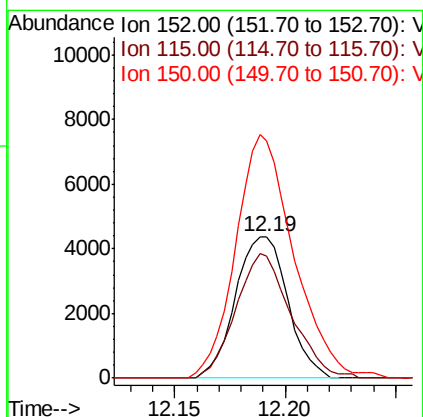
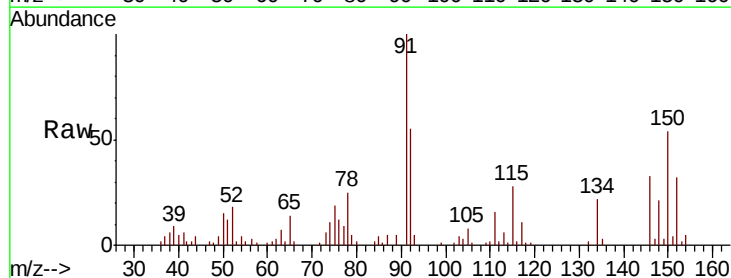
Instrument :
MSVOA_U
ClientSampleId :
VU0729WBSD01

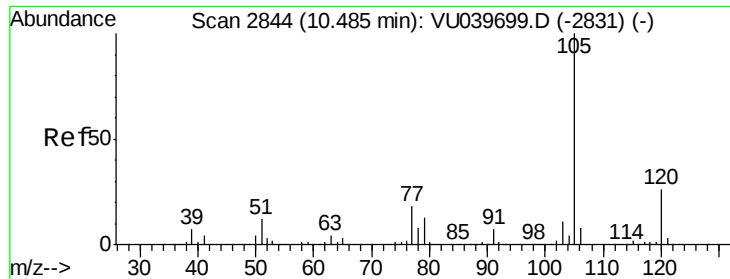
Tot Ion:173 Resp: 4586
Ion Ratio Lower Upper
173 100
175 48.0 36.7 55.1
254 0.4 3.8 5.8#



#68
1,2-Dichlorobenzene-d4
Concen: 0.913 ug/l
RT: 12.19 min Scan# 3375
Delta R.T. 0.00 min
Lab File: VU039714.D
Acq: 29 Jul 2020 20:24

Tgt Ion:152 Resp: 7204
Ion Ratio Lower Upper
152 100
115 92.2 0.0 302.4
150 191.0 0.0 645.8





#69

Isopropylbenzene

Concen: 1.634 ug/l

RT: 10.48 min Scan# 2844

Delta R.T. -0.00 min

Lab File: VU039714.D

Acq: 29 Jul 2020 20:24

Instrument :

MSVOA_U

ClientSampleId :

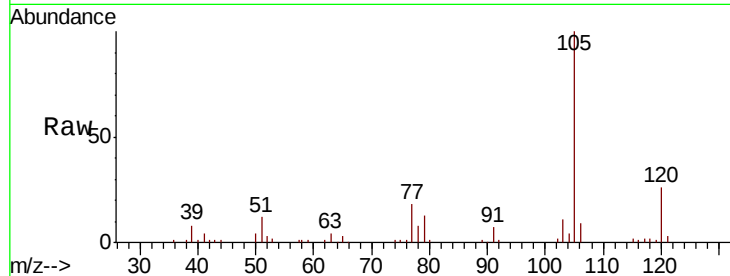
VU0729WBSD01

Tot Ion:105 Resp: 46085

Ion Ratio Lower Upper

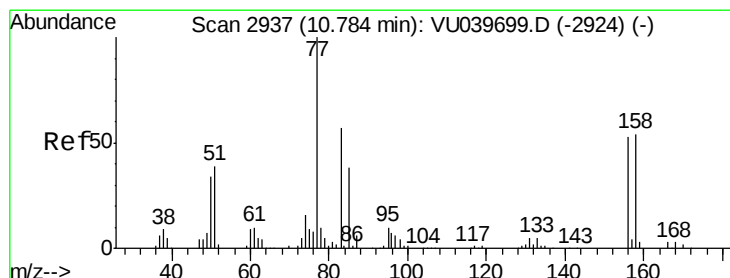
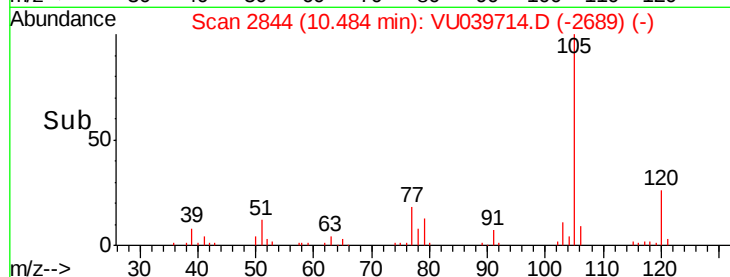
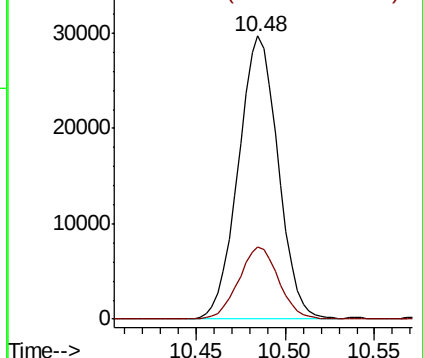
105 100

120 25.6 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#70

1,1,2,2-Tetrachloroethane

Concen: 1.813 ug/l

RT: 10.79 min Scan# 2938

Delta R.T. 0.00 min

Lab File: VU039714.D

Acq: 29 Jul 2020 20:24

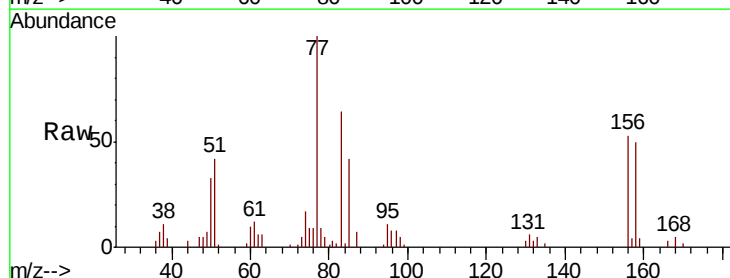
Tgt Ion: 83 Resp: 12975

Ion Ratio Lower Upper

83 100

131 8.2 7.0 10.6

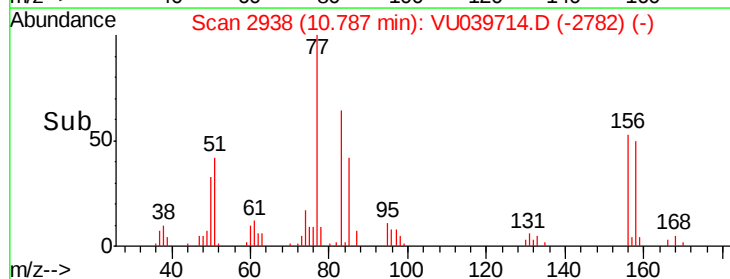
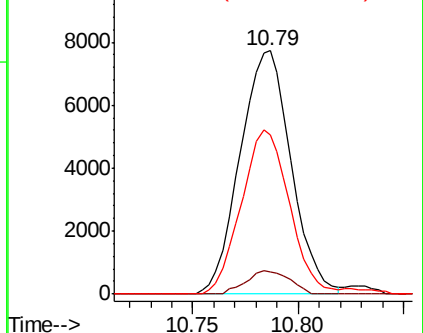
85 63.6 50.6 75.8

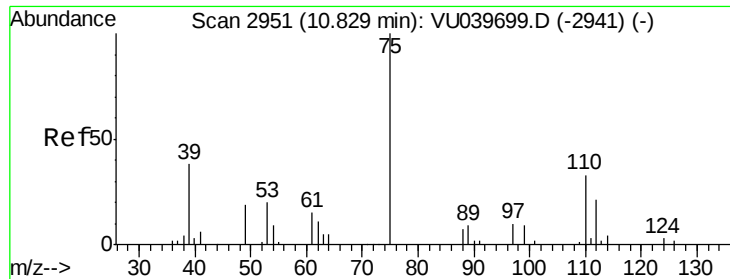


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VU0

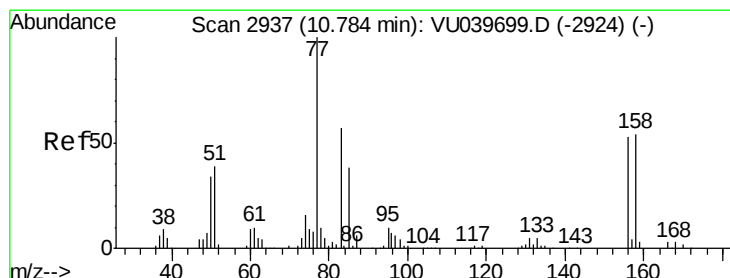
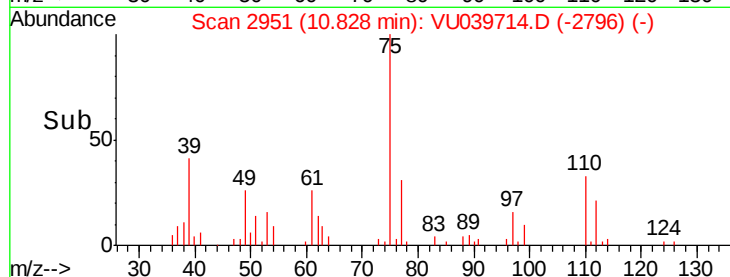
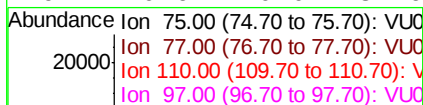
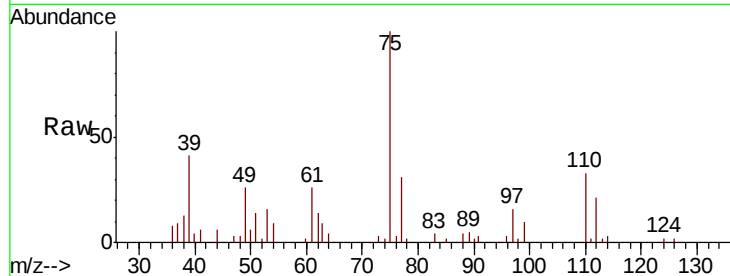




#71
 1,2,3-Trichloropropane
 Concen: 2.818 ug/l
 RT: 10.83 min Scan# 2951
 Delta R.T. -0.00 min
 Lab File: VU039714.D
 Acq: 29 Jul 2020 20:24

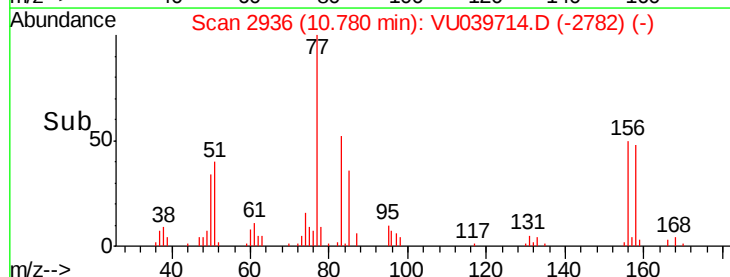
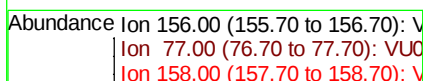
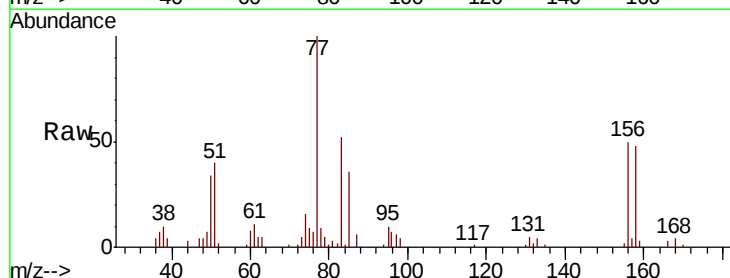
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0729WBSD01

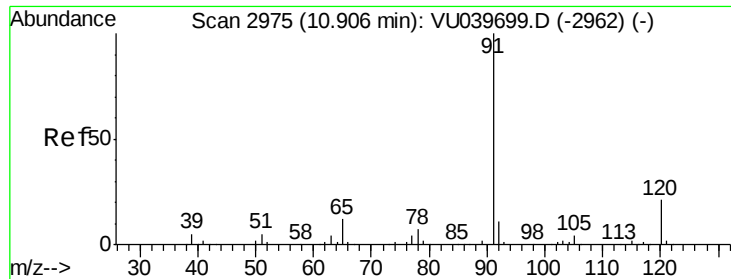
Tot Ion:	75	Resp:	15195
Ion	Ratio	Lower	Upper
75	100		
77	29.1	0.0	91.0
110	22.8	0.0	64.2
97	10.6	0.0	32.6



#72
 Bromobenzene
 Concen: 1.729 ug/l
 RT: 10.78 min Scan# 2936
 Delta R.T. -0.00 min
 Lab File: VU039714.D
 Acq: 29 Jul 2020 20:24

Tgt Ion:	156	Resp:	11073
Ion	Ratio	Lower	Upper
156	100		
77	198.3	0.0	385.2
158	94.3	0.0	200.8





#73

n-propylbenzene

Concen: 1.631 ug/l

RT: 10.91 min Scan# 2975

Delta R.T. -0.00 min

Lab File: VU039714.D

Acq: 29 Jul 2020 20:24

Instrument :

MSVOA_U

ClientSampleId :

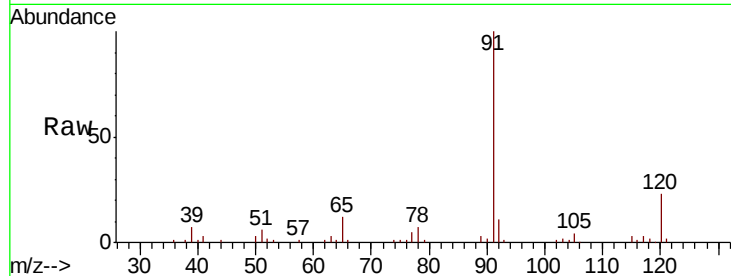
VU0729WBSD01

Tot Ion:120 Resp: 12935

Ion Ratio Lower Upper

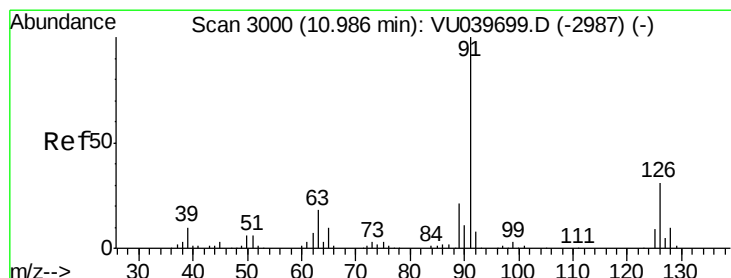
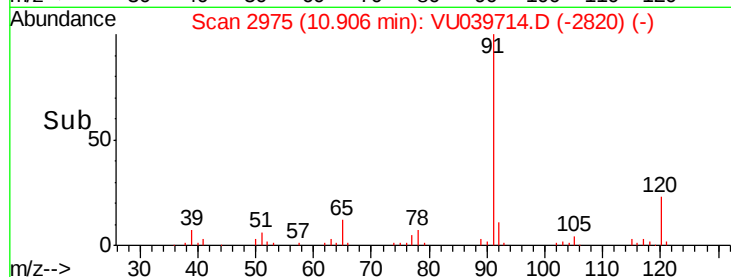
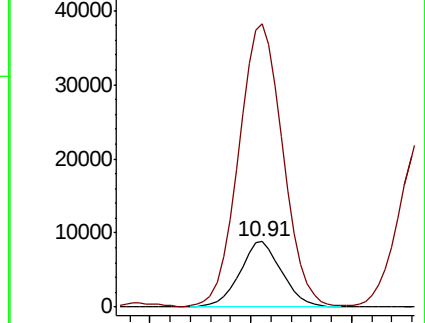
120 100

91 449.9 371.7 557.5



Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0



#74

2-Chlorotoluene

Concen: 1.686 ug/l

RT: 10.99 min Scan# 3000

Delta R.T. -0.00 min

Lab File: VU039714.D

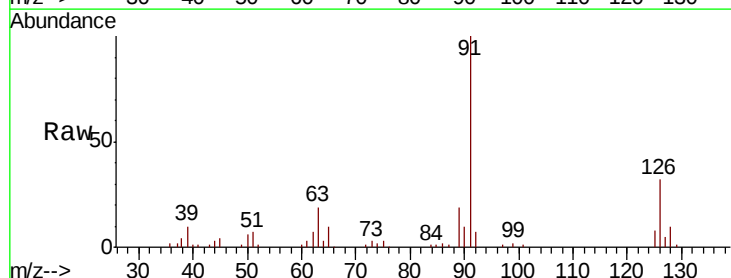
Acq: 29 Jul 2020 20:24

Tgt Ion:126 Resp: 11295

Ion Ratio Lower Upper

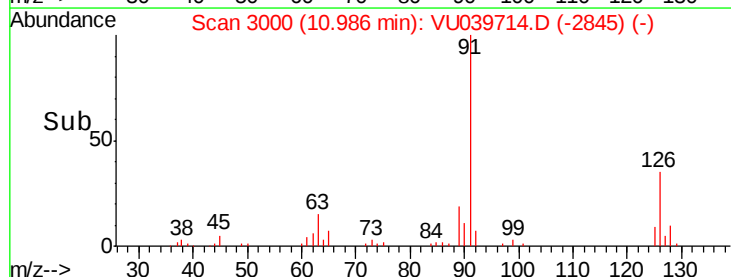
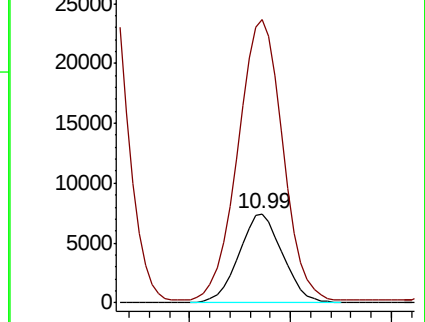
126 100

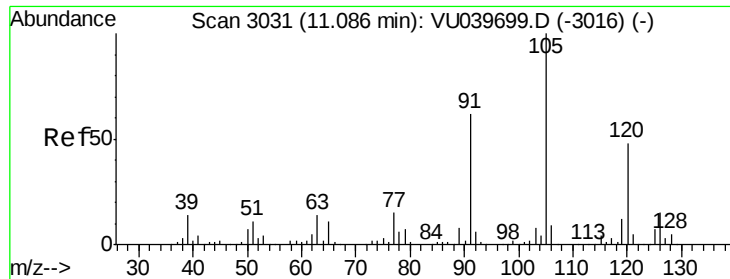
91 323.5 0.0 637.0



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: 1.643 ug/l

RT: 11.09 min Scan# 3031

Delta R.T. -0.00 min

Lab File: VU039714.D

Acq: 29 Jul 2020 20:24

Instrument :

MSVOA_U

ClientSampleId :

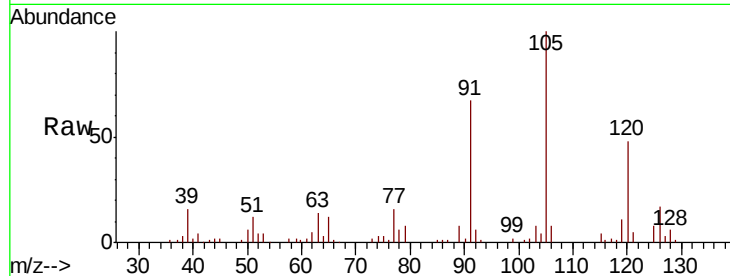
VU0729WBSD01

Tot Ion:105 Resp: 40062

Ion Ratio Lower Upper

105 100

120 48.2 38.0 57.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

30000

25000

20000

15000

10000

5000

0

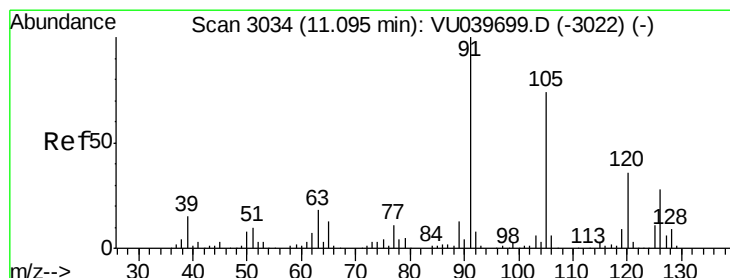
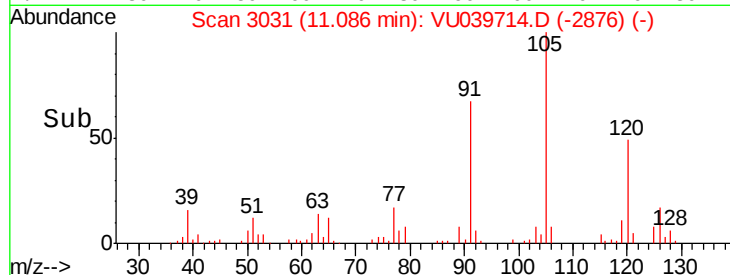
11.09

11.05

11.10

11.15

Time-->



#76

4-Chlorotoluene

Concen: 1.754 ug/l

RT: 11.10 min Scan# 3035

Delta R.T. 0.00 min

Lab File: VU039714.D

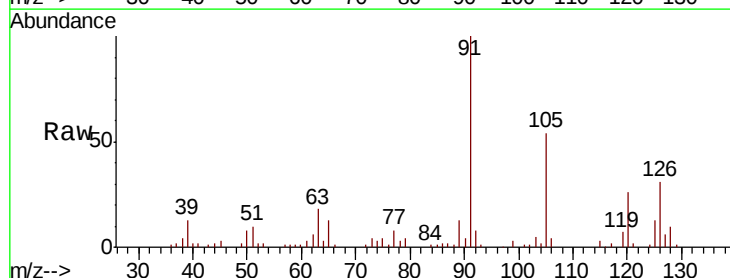
Acq: 29 Jul 2020 20:24

Tgt Ion:126 Resp: 12168

Ion Ratio Lower Upper

126 100

91 348.8 0.0 732.2



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0

30000

25000

20000

15000

10000

5000

0

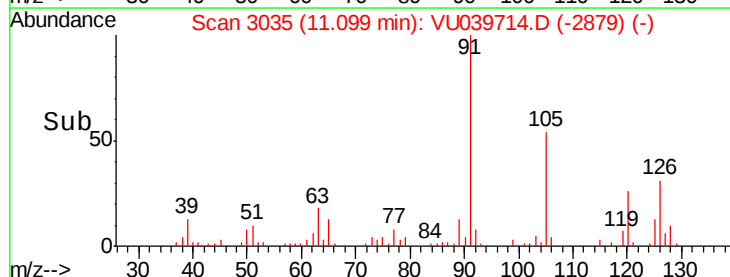
11.10

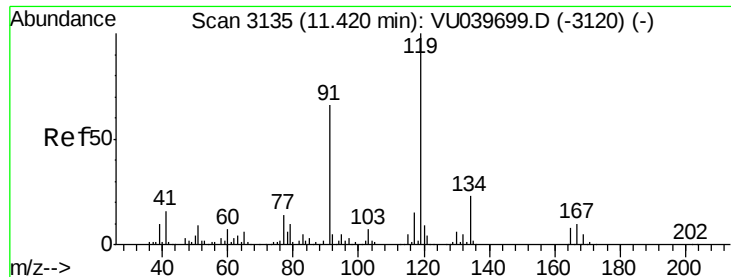
11.05

11.10

11.15

Time-->





#77

tert-Butylbenzene

Concen: 1.627 ug/l

RT: 11.42 min Scan# 3135

Delta R.T. -0.00 min

Lab File: VU039714.D

Acq: 29 Jul 2020 20:24

Instrument :

MSVOA_U

ClientSampleId :

VU0729WBSD01

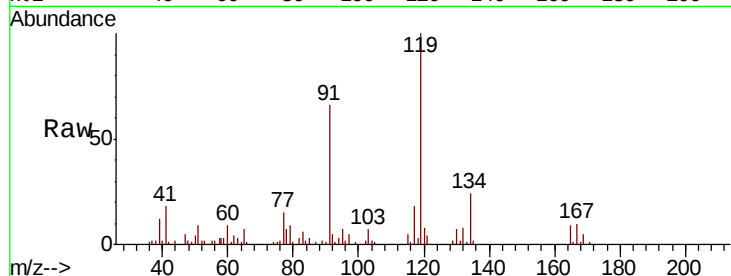
Tot Ion:119 Resp: 38058

Ion Ratio Lower Upper

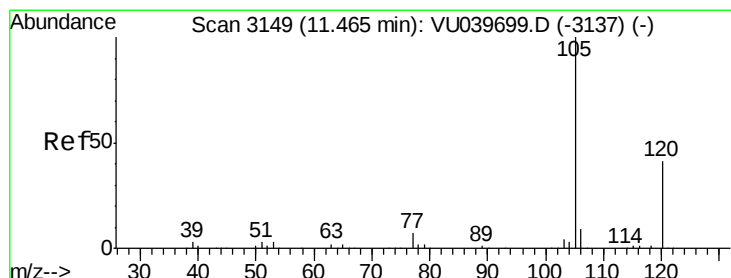
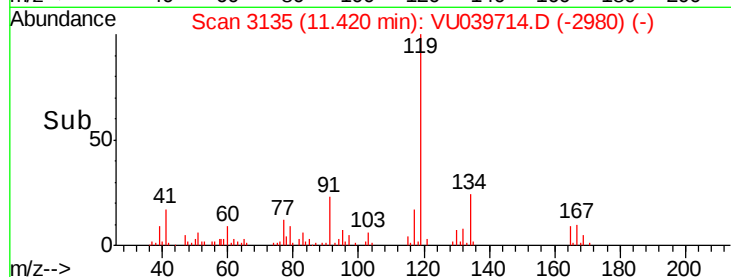
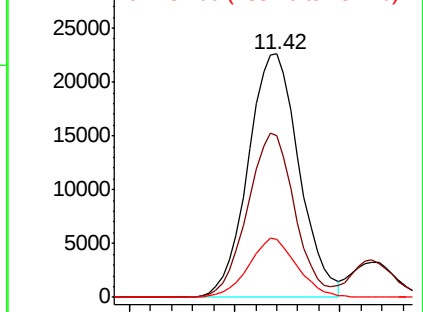
119 100

91 62.3 31.9 95.5

134 23.0 18.2 27.4



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



#78

1,2,4-Trimethylbenzene

Concen: 1.634 ug/l

RT: 11.47 min Scan# 3149

Delta R.T. -0.00 min

Lab File: VU039714.D

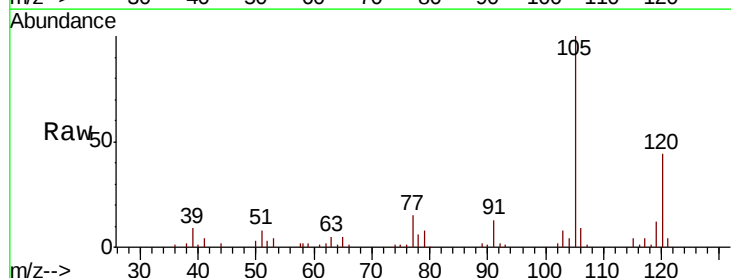
Acq: 29 Jul 2020 20:24

Tgt Ion:105 Resp: 40844

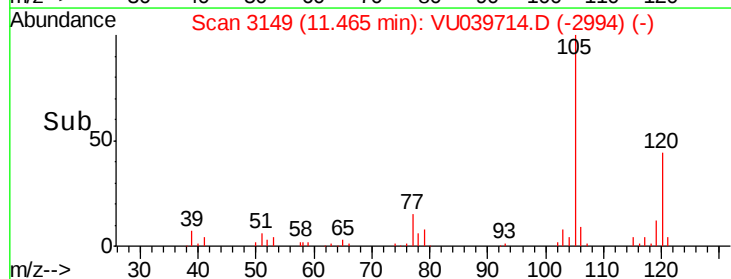
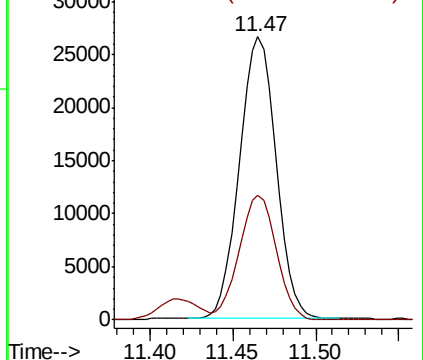
Ion Ratio Lower Upper

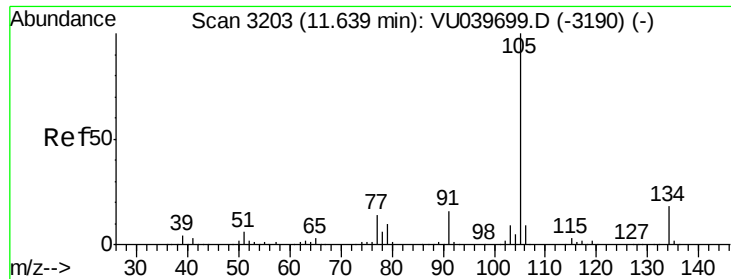
105 100

120 45.1 22.7 68.0



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

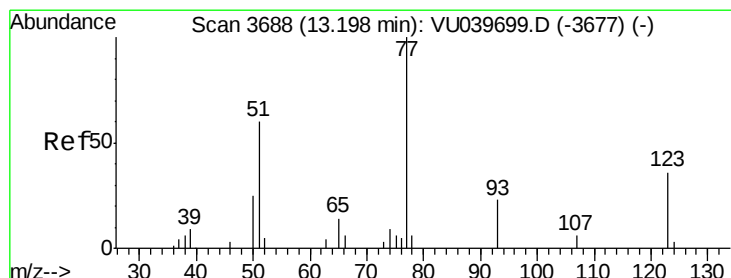
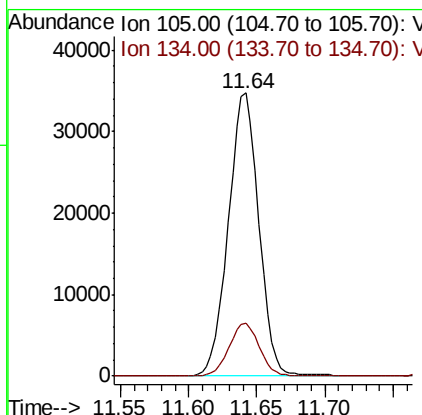
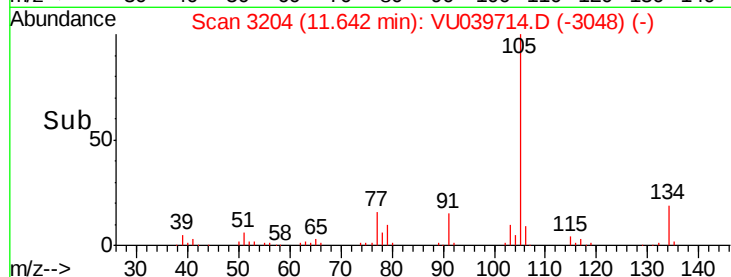
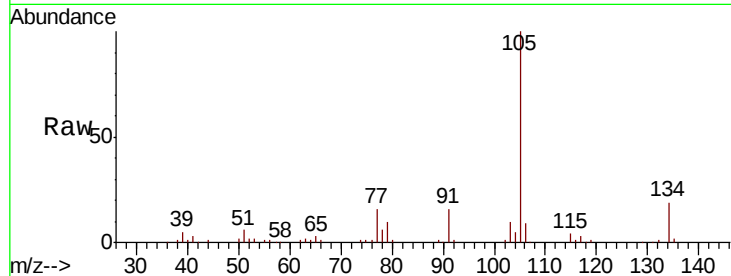




#79
 sec-Butylbenzene
 Concen: 1.620 ug/l
 RT: 11.64 min Scan# 3204
 Delta R.T. 0.00 min
 Lab File: VU039714.D
 Acq: 29 Jul 2020 20:24

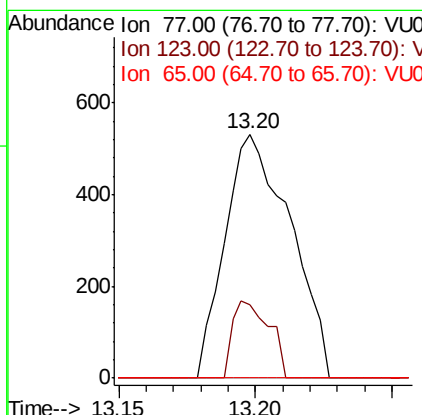
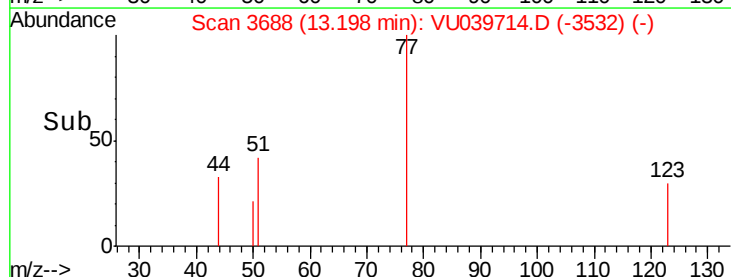
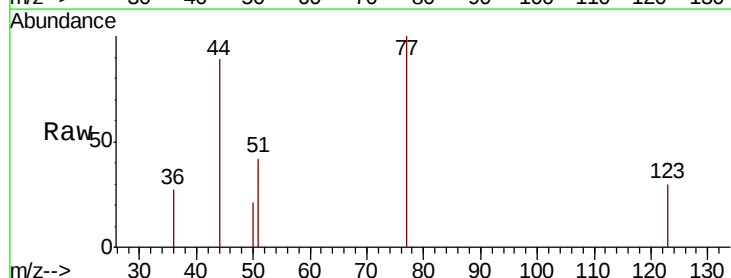
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0729WBSD01

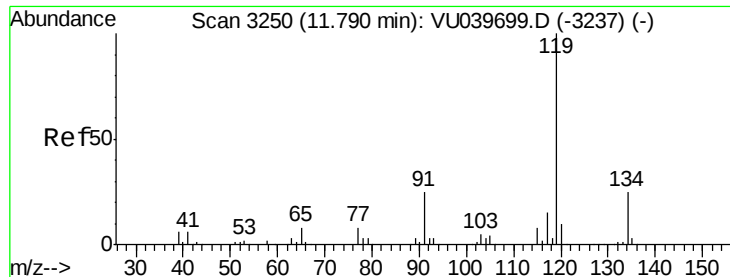
Tot Ion:105 Resp: 53912
 Ion Ratio Lower Upper
 105 100
 134 18.4 14.8 22.2



#80
 Nitrobenzene
 Concen: 8.428 ug/l
 RT: 13.20 min Scan# 3688
 Delta R.T. 0.00 min
 Lab File: VU039714.D
 Acq: 29 Jul 2020 20:24

Tgt Ion: 77 Resp: 888
 Ion Ratio Lower Upper
 77 100
 123 17.7 16.9 59.9
 65 0.0 14.4 18.4#

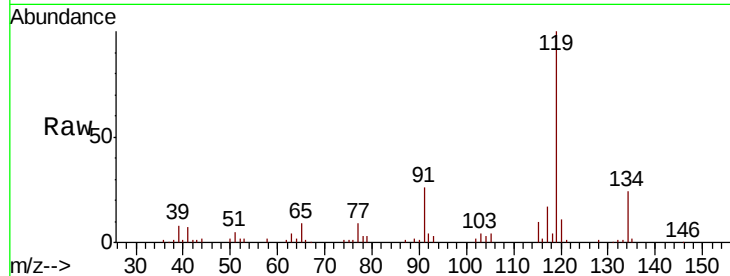




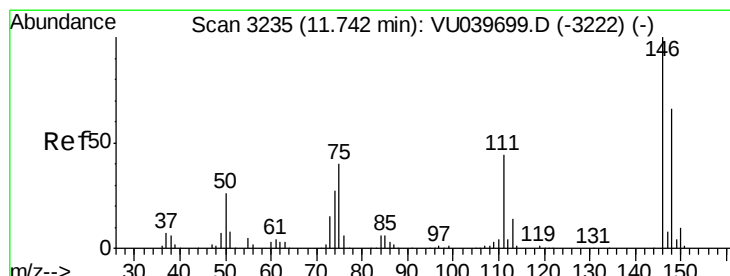
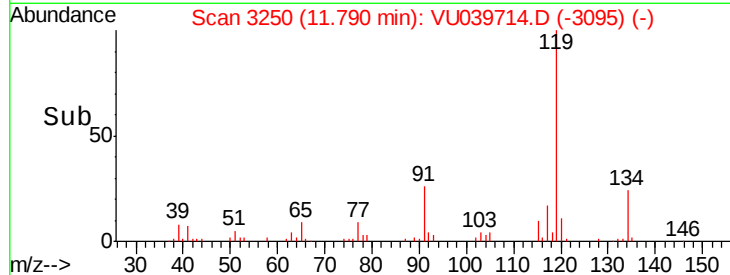
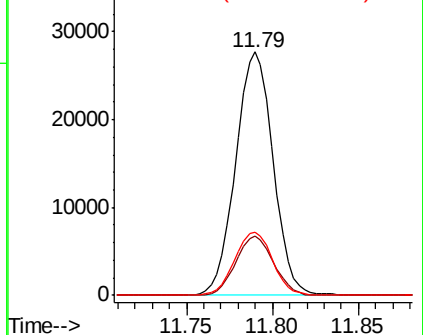
#81
 p-Isopropyltoluene
 Concen: 1.561 ug/l
 RT: 11.79 min Scan# 3250
 Delta R.T. -0.00 min
 Lab File: VU039714.D
 Acq: 29 Jul 2020 20:24

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0729WBSD01

Tot Ion:119 Resp: 41878
 Ion Ratio Lower Upper
 119 100
 134 24.4 20.2 30.4
 91 26.3 20.7 31.1

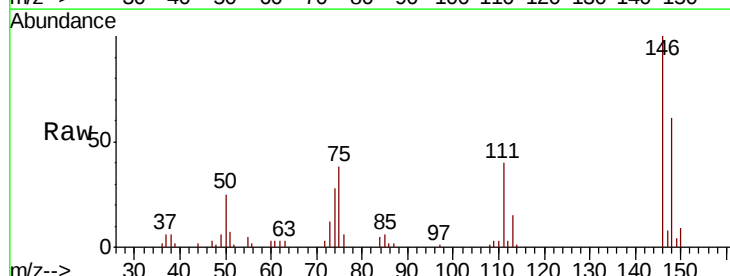


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V

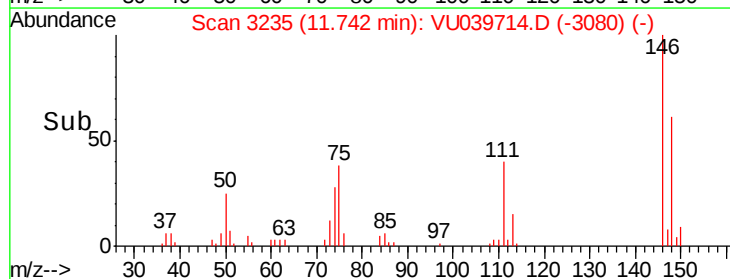
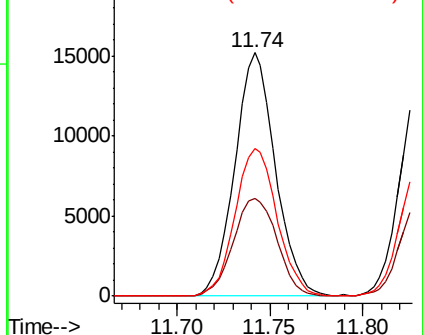


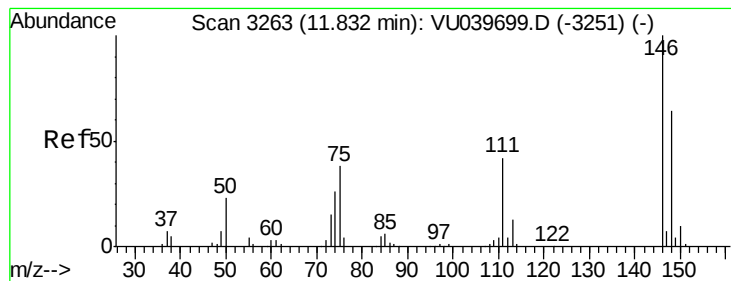
#82
 1,3-Dichlorobenzene
 Concen: 1.675 ug/l
 RT: 11.74 min Scan# 3235
 Delta R.T. -0.00 min
 Lab File: VU039714.D
 Acq: 29 Jul 2020 20:24

Tgt Ion:146 Resp: 23088
 Ion Ratio Lower Upper
 146 100
 111 43.4 34.5 51.7
 148 62.9 51.4 77.0



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





#83

1,4-Dichlorobenzene

Concen: 1.690 ug/l

RT: 11.83 min Scan# 3263

Delta R.T. -0.00 min

Lab File: VU039714.D

Acq: 29 Jul 2020 20:24

Instrument :

MSVOA_U

ClientSampleId :

VU0729WBSD01

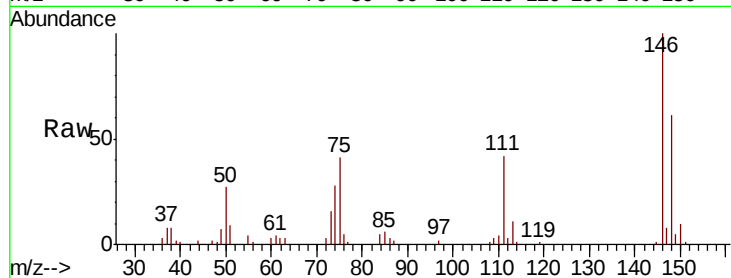
Tot Ion:146 Resp: 23435

Ion Ratio Lower Upper

146 100

111 43.3 33.8 50.6

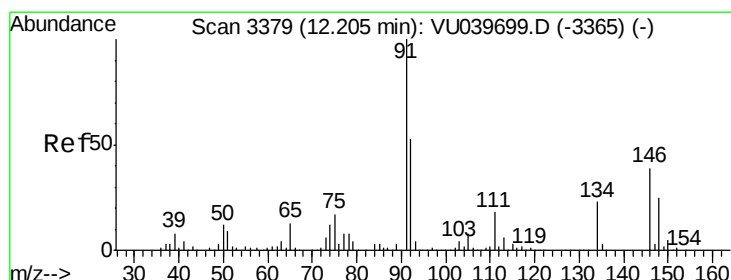
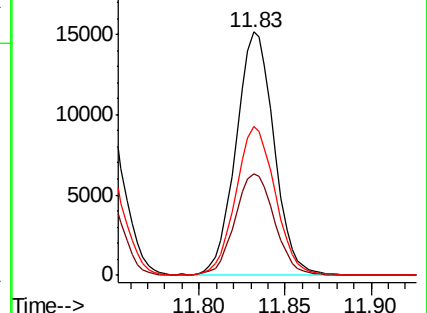
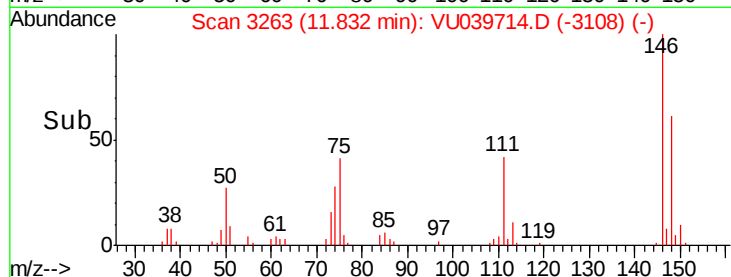
148 63.4 51.1 76.7



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#84

n-Butylbenzene

Concen: 1.476 ug/l

RT: 12.20 min Scan# 3379

Delta R.T. -0.00 min

Lab File: VU039714.D

Acq: 29 Jul 2020 20:24

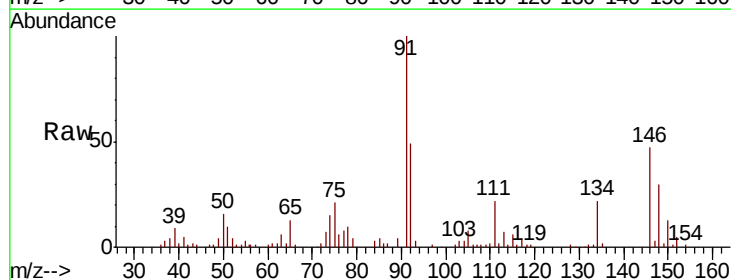
Tgt Ion: 91 Resp: 42048

Ion Ratio Lower Upper

91 100

92 51.2 42.6 64.0

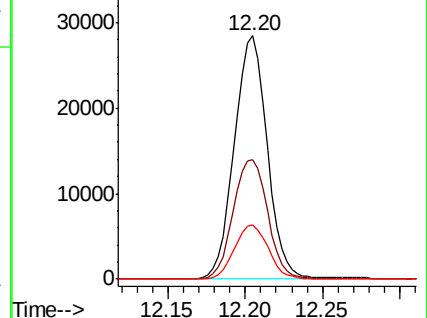
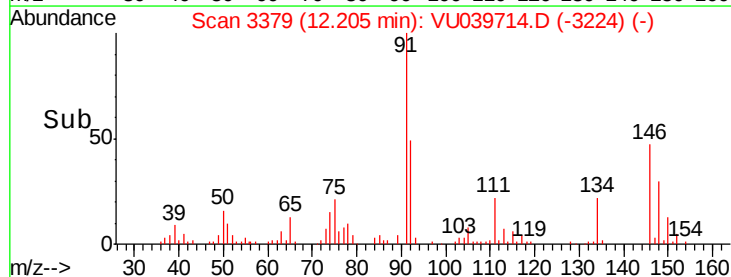
134 22.7 18.2 27.4

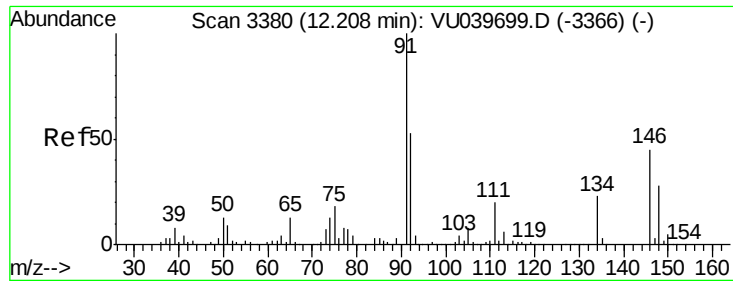


Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 92.00 (91.70 to 92.70): VU0

Ion 134.00 (133.70 to 134.70): V





#85

1,2-Dichlorobenzene

Concen: 1.670 ug/l

RT: 12.21 min Scan# 3380

Delta R.T. -0.00 min

Lab File: VU039714.D

Acq: 29 Jul 2020 20:24

Instrument :

MSVOA_U

ClientSampleId :

VU0729WBSD01

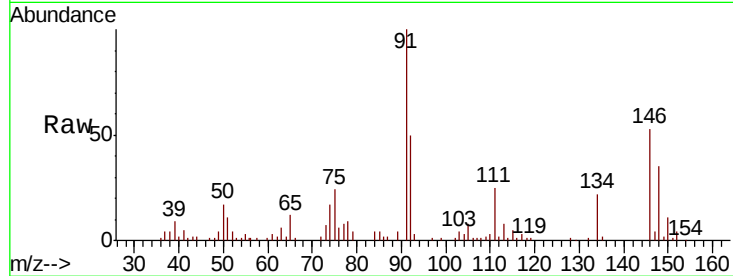
Tot Ion:146 Resp: 22184

Ion Ratio Lower Upper

146 100

111 47.2 22.8 68.3

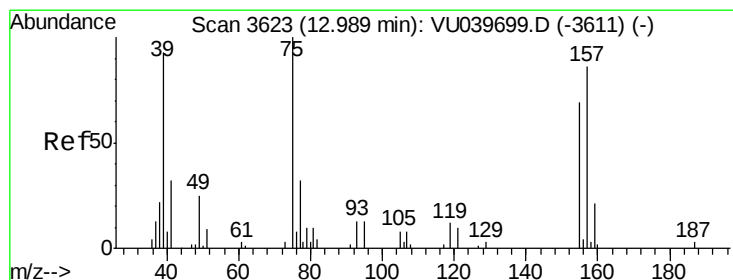
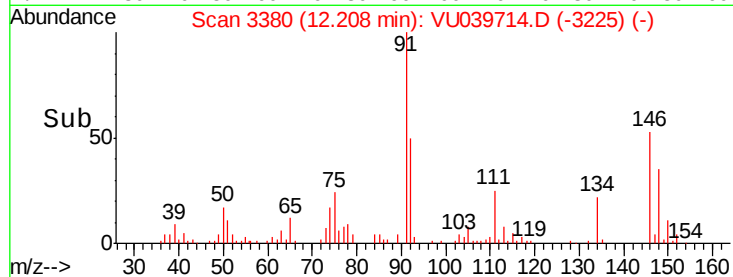
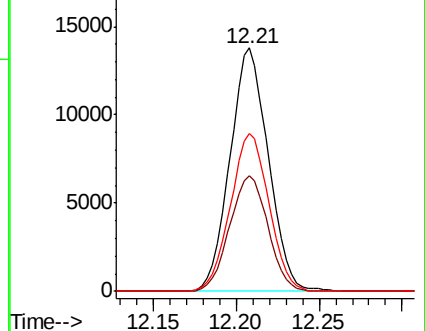
148 65.2 31.7 95.1



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#86

1,2-Dibromo-3-Chloropropane

Concen: 1.703 ug/l

RT: 12.99 min Scan# 3623

Delta R.T. -0.00 min

Lab File: VU039714.D

Acq: 29 Jul 2020 20:24

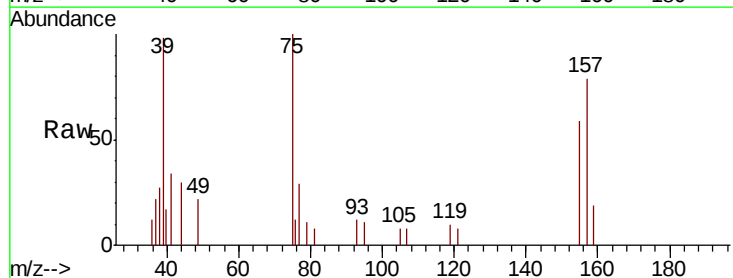
Tgt Ion: 75 Resp: 2053

Ion Ratio Lower Upper

75 100

155 60.1 52.9 79.3

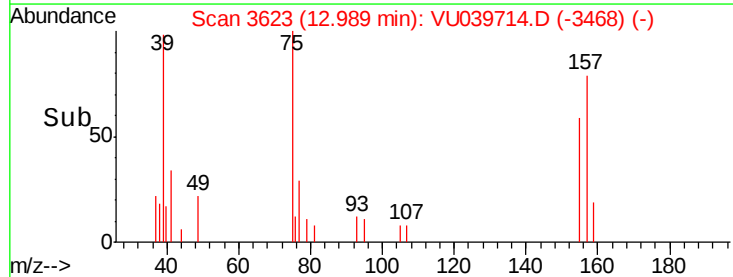
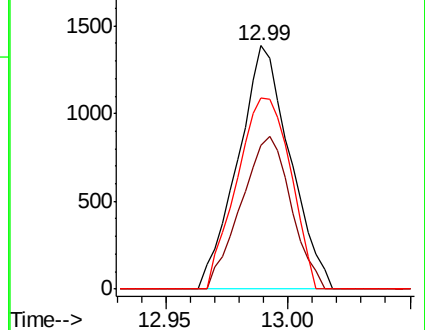
157 81.1 67.8 101.6

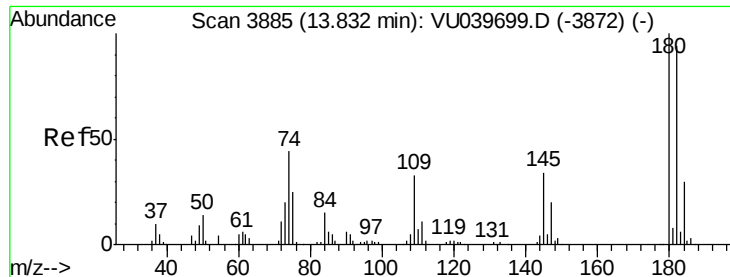


Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

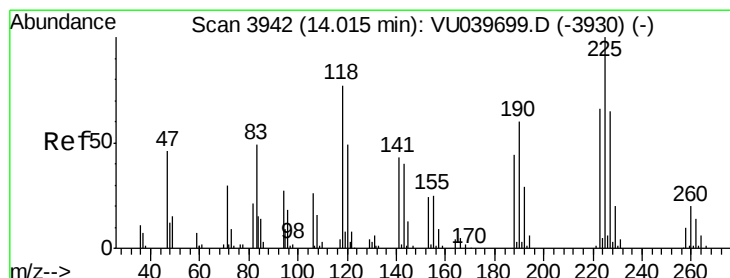
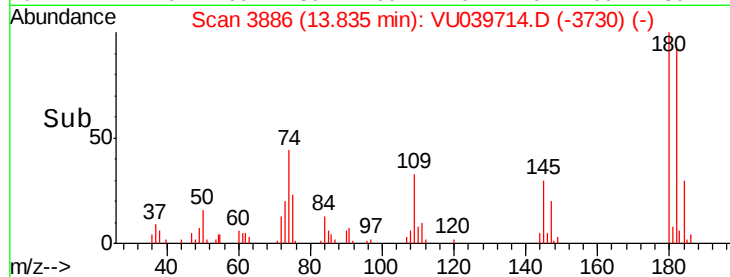
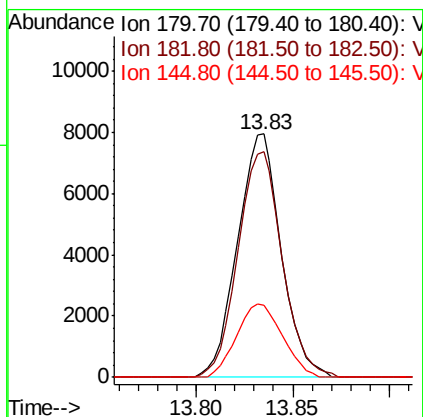
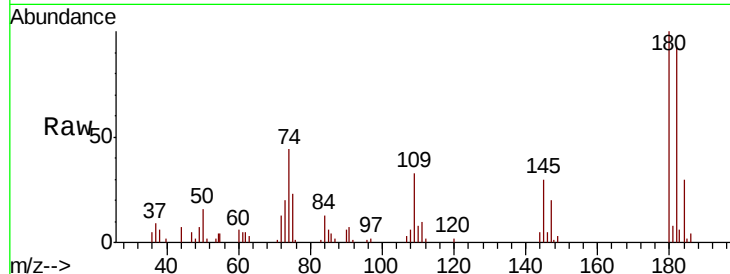




#87
 1,2,4-Trichlorobenzene
 Concen: 1.502 ug/l
 RT: 13.83 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VU039714.D
 Acq: 29 Jul 2020 20:24

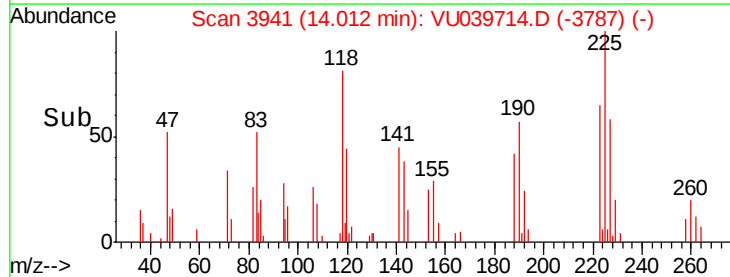
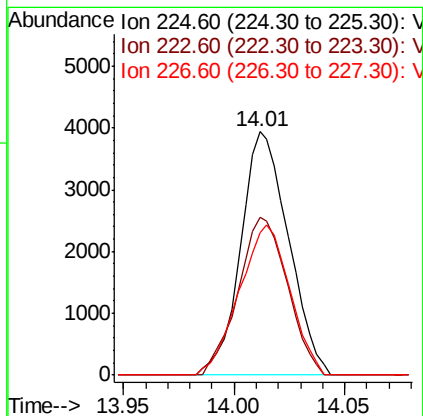
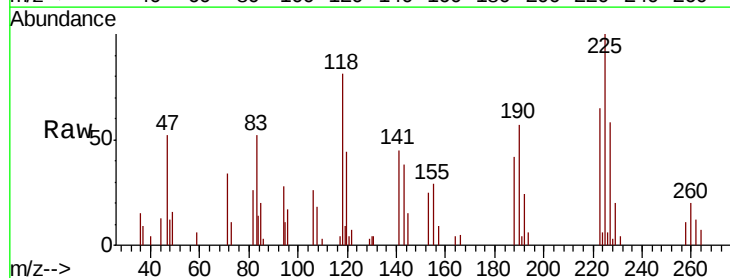
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0729WBSD01

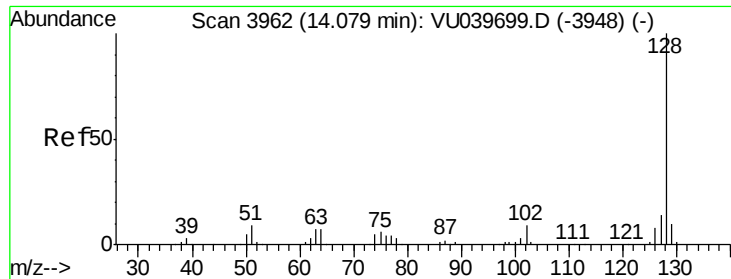
Tot Ion:180 Resp: 12482
 Ion Ratio Lower Upper
 180 100
 182 93.9 76.2 114.4
 145 31.5 26.8 40.2



#88
 Hexachlorobutadiene
 Concen: 1.567 ug/l
 RT: 14.01 min Scan# 3941
 Delta R.T. -0.00 min
 Lab File: VU039714.D
 Acq: 29 Jul 2020 20:24

Tgt Ion:225 Resp: 5913
 Ion Ratio Lower Upper
 225 100
 223 66.8 52.4 78.6
 227 65.1 50.7 76.1





#89

Naphthalene

Concen: 1.500 ug/l

RT: 14.08 min Scan# 3962

Delta R.T. -0.00 min

Lab File: VU039714.D

Acq: 29 Jul 2020 20:24

Instrument :

MSVOA_U

ClientSampleId :

VU0729WBSD01

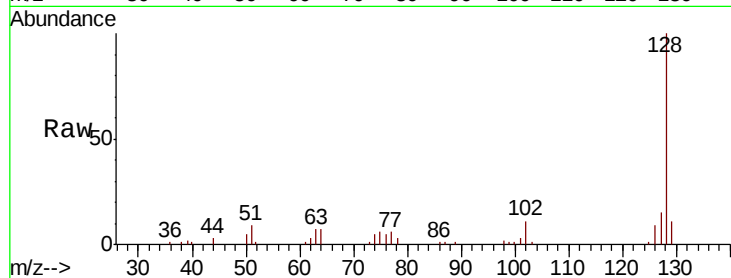
Tot Ion:128 Resp: 26669

Ion Ratio Lower Upper

128 100

127 14.2 11.0 16.4

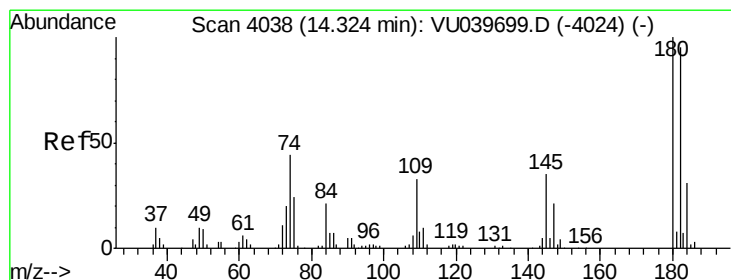
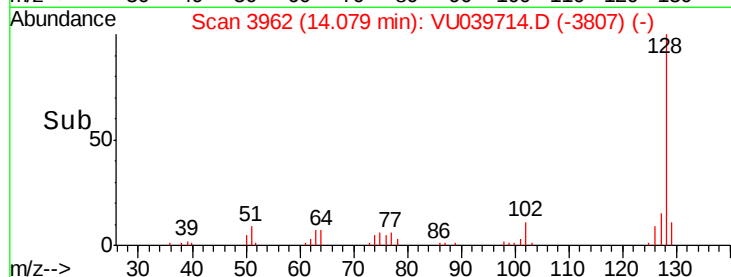
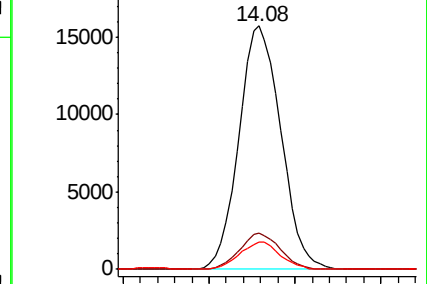
129 10.8 8.4 12.6



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: 1.584 ug/l

RT: 14.32 min Scan# 4038

Delta R.T. -0.00 min

Lab File: VU039714.D

Acq: 29 Jul 2020 20:24

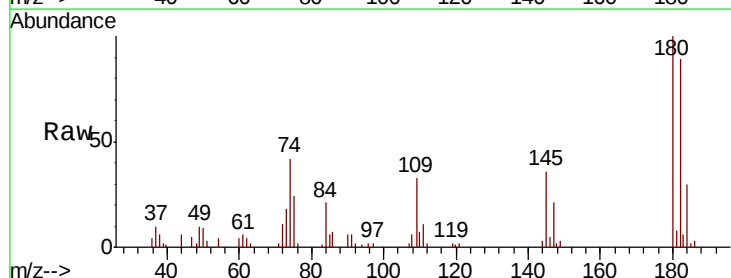
Tgt Ion:180 Resp: 12422

Ion Ratio Lower Upper

180 100

182 94.3 76.0 114.0

145 37.9 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

