

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072920\
 Data File : VU039698.D
 Acq On : 29 Jul 2020 12:09
 Operator : SY/MD
 Sample : VSTDIC005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Quant Time: Jul 30 01:21:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U072920DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Jul 30 01:17:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----	-----	-----	-----	-----	-----	-----
1) Fluorobenzene	6.12	96	24520	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.63	95	10078	1.05	ug/l	0.00
Spiked Amount 1.000			Recovery	=	105.00%	
68) 1,2-Dichlorobenzene-d4	12.19	152	9748	1.05	ug/l	0.00
Spiked Amount 1.000			Recovery	=	105.00%	
Target Compounds						
					Ovalue	
2) Dichlorodifluoromethane	1.39	85	43734	5.222	ug/l	100
3) Chloromethane	1.53	50	53242	5.340	ug/l	99
4) Vinyl Chloride	1.61	62	50170	5.136	ug/l	97
5) Bromomethane	1.86	94	33366	5.508	ug/l	99
6) Chloroethane	1.94	64	34059	5.719	ug/l	98
7) Trichlorofluoromethane	2.15	101	66400	6.239	ug/l	96
8) 1,1,2-Trichloro-1,2,2-trif	2.59	101	37745	5.782	ug/l	97
9) 1,1-Dichloroethene	2.59	96	35139	5.420	ug/l	98
10) Iodomethane	2.74	142	38117	8.837	ug/l	99
11) Allyl Chloride	2.94	41	75051	6.112	ug/l	100
12) Acrylonitrile	3.33	53	25416	13.796	ug/l	96
13) Acetone	2.64	43	59878	39.264	ug/l	96
14) Carbon Disulfide	2.81	76	127400	5.383	ug/l	99
15) Methylene Chloride	3.06	84	43900	4.880	ug/l	98
16) trans-1,2-Dichloroethene	3.37	96	39843	5.601	ug/l	97
17) 1,1-Dichloroethane	3.89	63	87204	6.280	ug/l	99
18) 2-Butanone	4.74	43	94690	40.245	ug/l	99
19) Cyclohexane	5.40	56	75576	5.656	ug/l	92
20) Methylcyclohexane	6.77	83	65360	5.170	ug/l	99
21) 2,2-Dichloropropane	4.68	77	70818	6.171	ug/l	100
22) cis-1,2-Dichloroethene	4.68	96	43235	5.736	ug/l	99
23) Diethyl Ether	2.39	59	34412	5.921	ug/l	95
24) tert-Butyl Alcohol	3.20	59	44879	67.730	ug/l	97
25) Methyl tert-Butyl Ether	3.39	73	114731	6.255	ug/l	99
26) Bromochloromethane	4.99	128	17101	5.624	ug/l	94
27) Chloroform	5.11	83	82057	6.323	ug/l	100
28) 1,1,1-Trichloroethane	5.33	97	68707	6.454	ug/l	97
29) 1,1-Dichloropropene	5.54	75	63849	6.015	ug/l	98
30) Carbon Tetrachloride	5.54	117	54755	6.171	ug/l	97
31) Isopropyl Ether	4.02	45	156578	6.731	ug/l	100
32) Ethyl-t-butyl ether	4.53	59	136786	6.594	ug/l	99
33) Tert-Amyl methyl ether	5.96	73	102005	5.874	ug/l	99
34) Propionitrile	4.80	54	23343	35.711	ug/l	98
35) Benzene	5.79	78	171155	5.875	ug/l	100
36) 1,2-Dichloroethane	5.81	62	63910	7.091	ug/l	99
37) Trichloroethene	6.55	130	36588	4.851	ug/l	95
38) 1,2-Dichloropropane	6.81	63	45265	5.692	ug/l	97
39) Methacrylonitrile	5.00	41	23119	7.491	ug/l	97
40) Methyl acrylate	4.87	55	32179	7.179	ug/l	97
41) Tetrahydrofuran	5.08	42	23289	15.013	ug/l	99
42) 1-Chlorobutane	5.47	56	100102	6.430	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U072920\
 Data File : VU039698.D
 Acq On : 29 Jul 2020 12:09
 Operator : SY/MD
 Sample : VSTDIC005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Quant Time: Jul 30 01:21:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U072920DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Jul 30 01:17:29 2020
 Response via : Initial Calibration

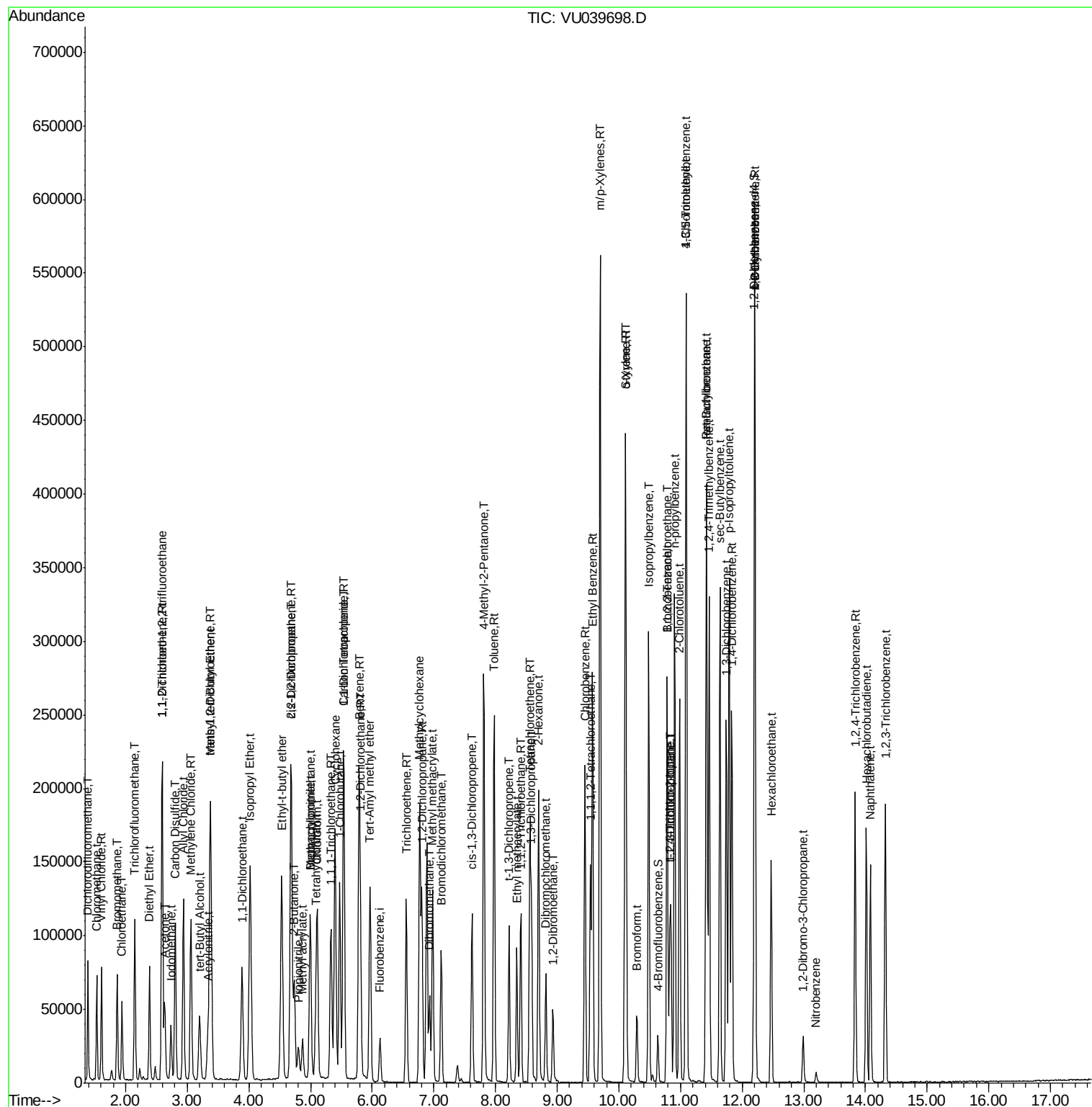
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.93	93	23638	6.263	ug/l	99
44) Bromodichloromethane	7.12	83	54948	5.857	ug/l	100
45) 4-Methyl-2-Pentanone	7.81	43	184985	34.816	ug/l	98
46) t-1,4-Dichloro-2-butene	10.83	75	56309	34.683	ug/l #	49
47) Methyl methacrylate	6.98	69	45854	11.991	ug/l	99
48) Ethyl methacrylate	8.35	69	41629	5.914	ug/l	97
49) Toluene	7.98	92	98321	5.343	ug/l	99
50) t-1,3-Dichloropropene	8.22	75	51494	5.448	ug/l	97
51) cis-1,3-Dichloropropene	7.62	75	58488	5.205	ug/l	97
52) 1,1,2-Trichloroethane	8.41	97	31990	6.063	ug/l	99
53) 1,3-Dichloropropane	8.58	76	58385	5.881	ug/l	99
54) 2-Hexanone	8.70	43	132453	35.155	ug/l	99
55) Dibromochloromethane	8.82	129	33807	5.789	ug/l	99
56) 1,2-Dibromoethane	8.93	107	30538	6.088	ug/l	98
58) Tetrachloroethene	8.56	164	31860	4.607	ug/l	96
59) Chlorobenzene	9.45	112	98886	5.081	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.54	131	34254	5.718	ug/l	99
61) Pentachloroethane	11.43	117	30675	6.615	ug/l	99
62) Hexachloroethane	12.47	117	28569	6.014	ug/l	99
63) Ethyl Benzene	9.57	91	184161	5.284	ug/l	99
64) m/p-Xylenes	9.70	106	148040	11.000	ug/l	100
65) o-Xylene	10.10	106	70391	5.396	ug/l	95
66) Styrene	10.11	104	121128	5.590	ug/l	99
67) Bromoform	10.29	173	18094	5.897	ug/l	95
69) Isopropylbenzene	10.48	105	182326	5.341	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.78	83	45901	6.618	ug/l	100
71) 1,2,3-Trichloropropane	10.83	75	56309	10.756	ug/l	79
72) Bromobenzene	10.78	156	40533	5.341	ug/l	99
73) n-propylbenzene	10.91	120	52067	5.546	ug/l	99
74) 2-Chlorotoluene	10.99	126	42648	5.409	ug/l	99
75) 1,3,5-Trimethylbenzene	11.09	105	165313	5.774	ug/l	99
76) 4-Chlorotoluene	11.10	126	45598	5.554	ug/l	98
77) tert-Butylbenzene	11.42	119	152808	5.620	ug/l	99
78) 1,2,4-Trimethylbenzene	11.47	105	168950	5.730	ug/l	100
79) sec-Butylbenzene	11.64	105	218689	5.627	ug/l	100
80) Nitrobenzene	13.20	77	3700	19.640	ug/l	98
81) p-Isopropyltoluene	11.79	119	179479	5.716	ug/l	100
82) 1,3-Dichlorobenzene	11.74	146	87509	5.518	ug/l	99
83) 1,4-Dichlorobenzene	11.83	146	86753	5.408	ug/l	98
84) n-Butylbenzene	12.20	91	186855	5.924	ug/l	99
85) 1,2-Dichlorobenzene	12.21	146	82682	5.558	ug/l	98
86) 1,2-Dibromo-3-Chloropropan	12.99	75	8354	7.402	ug/l	96
87) 1,2,4-Trichlorobenzene	13.83	180	51248	4.810	ug/l	99
88) Hexachlorobutadiene	14.01	225	23632	5.010	ug/l	98
89) Naphthalene	14.08	128	113179	5.399	ug/l	100
90) 1,2,3-Trichlorobenzene	14.32	180	49999	5.240	ug/l	99

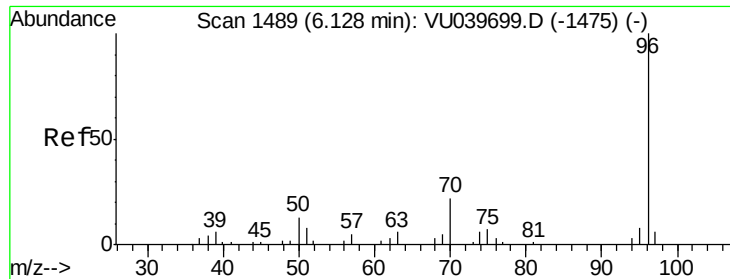
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU072920\
 Data File : VU039698.D
 Acq On : 29 Jul 2020 12:09
 Operator : SY/MD
 Sample : VSTDIC005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Quant Time: Jul 30 01:21:11 2020
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA U\METHOD\524U072920DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 6.12 min Scan# 1488

Delta R.T. -0.00 min

Lab File: VU039698.D

Acq: 29 Jul 2020 12:09

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

Tot Ion: 96 Resp: 24520

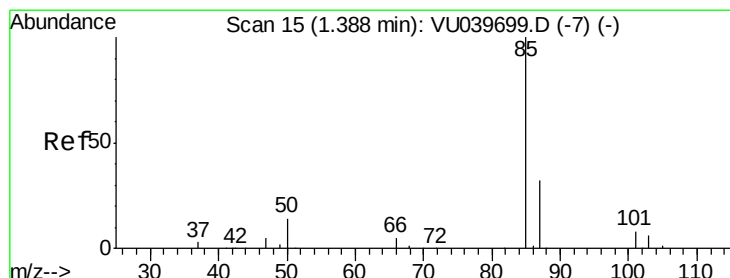
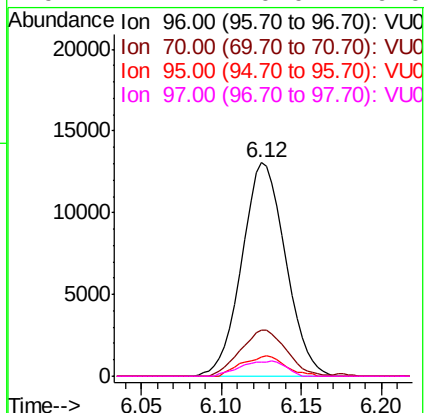
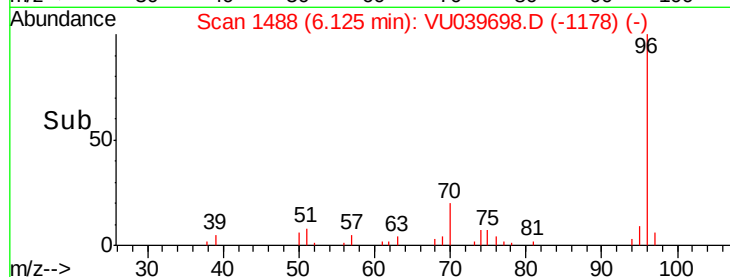
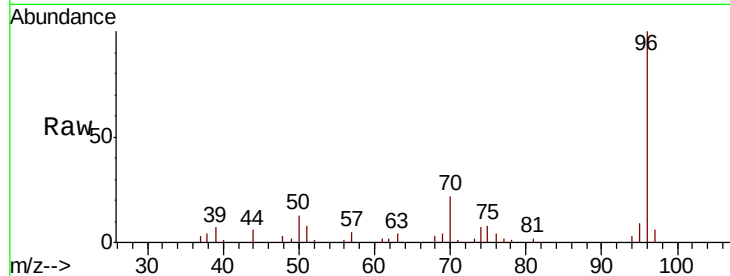
Ion Ratio Lower Upper

96 100

70 21.7 16.3 24.5

95 9.3 6.8 10.2

97 7.4 0.0 0.0#



#2

Dichlorodifluoromethane

Concen: 5.222 ug/l

RT: 1.39 min Scan# 15

Delta R.T. 0.00 min

Lab File: VU039698.D

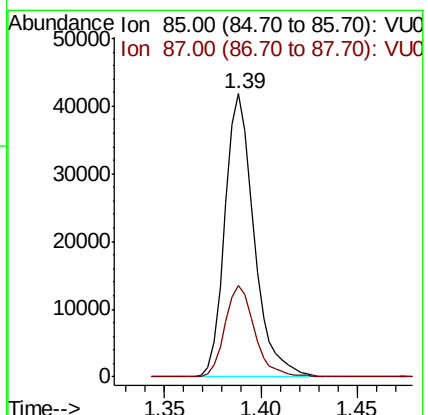
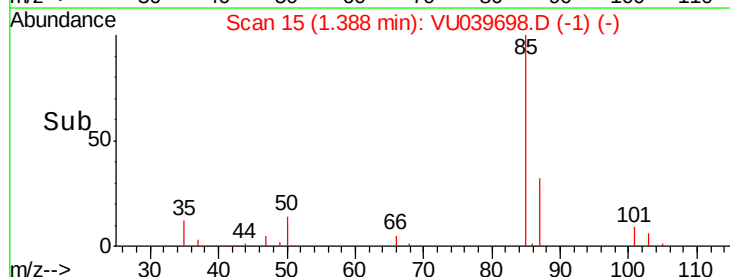
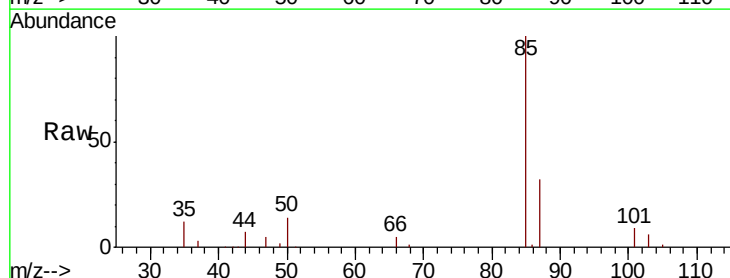
Acq: 29 Jul 2020 12:09

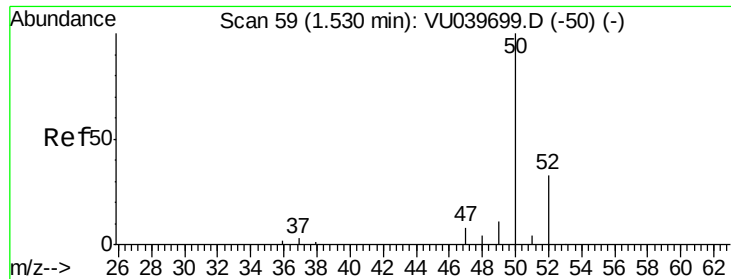
Tgt Ion: 85 Resp: 43734

Ion Ratio Lower Upper

85 100

87 32.2 16.2 48.6





#3

Chloromethane

Concen: 5.340 ug/l

RT: 1.53 min Scan# 60

Delta R.T. 0.00 min

Lab File: VU039698.D

Acq: 29 Jul 2020 12:09

Instrument :

MSVOA_U

ClientSampleId :

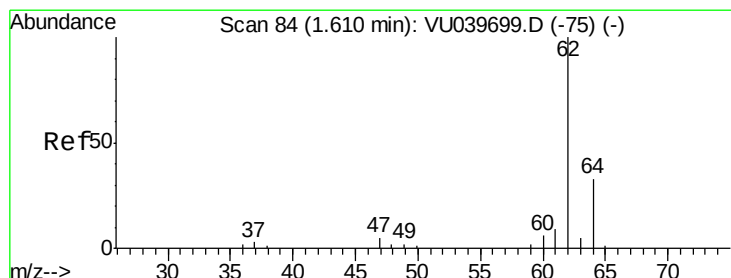
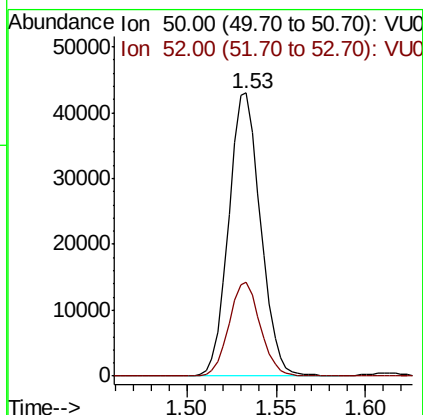
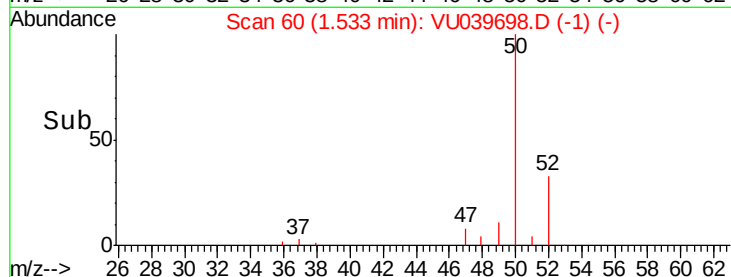
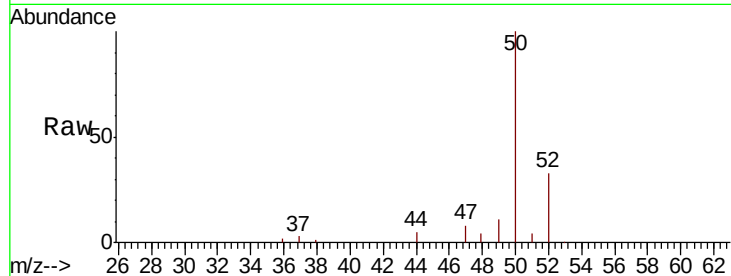
VSTDIC005

Tot Ion: 50 Resp: 53242

Ion Ratio Lower Upper

50 100

52 33.1 26.0 39.0



#4

Vinyl Chloride

Concen: 5.136 ug/l

RT: 1.61 min Scan# 84

Delta R.T. 0.00 min

Lab File: VU039698.D

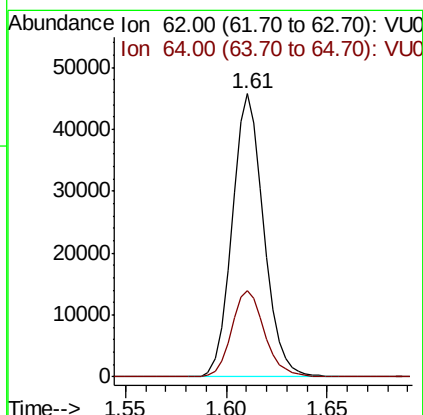
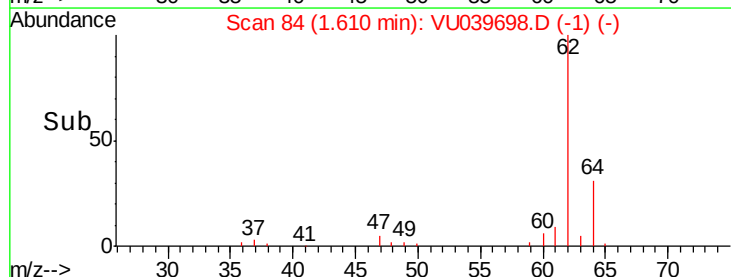
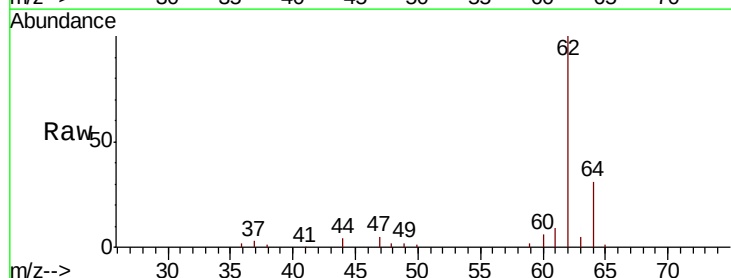
Acq: 29 Jul 2020 12:09

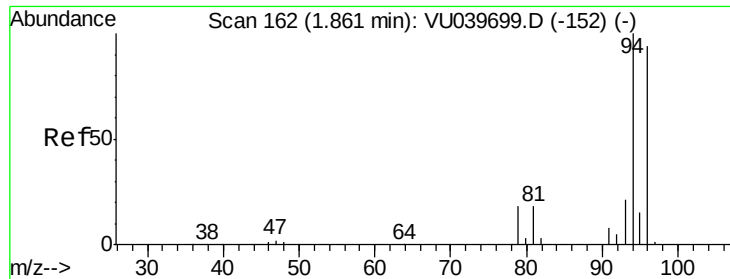
Tgt Ion: 62 Resp: 50170

Ion Ratio Lower Upper

62 100

64 30.7 26.0 39.0

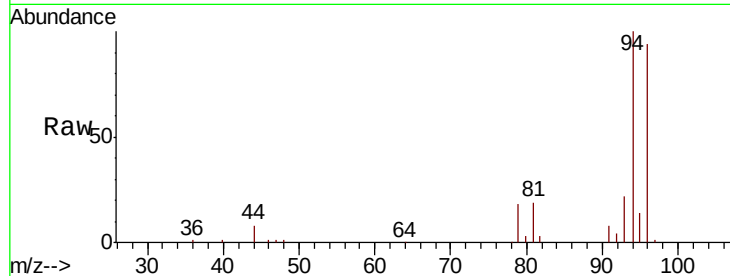




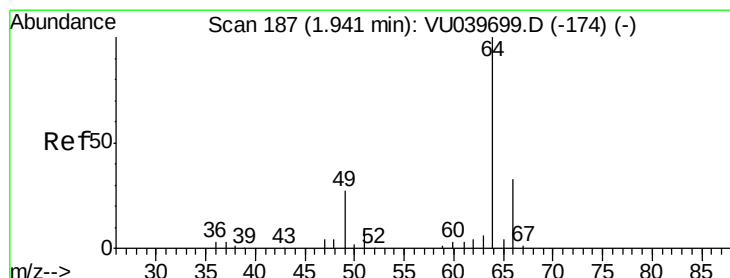
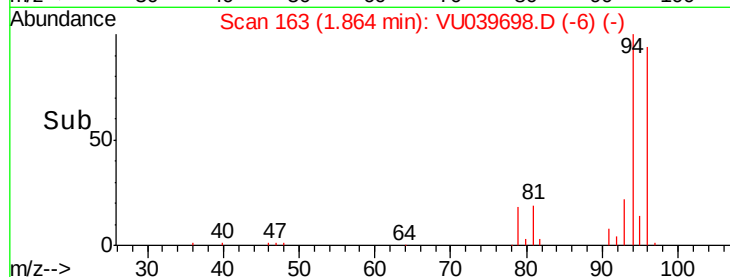
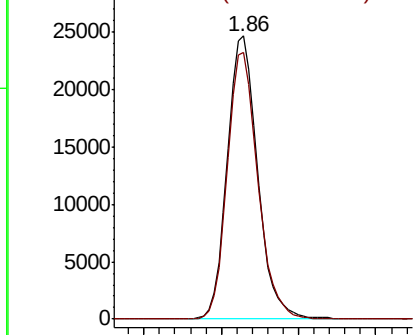
#5
Bromomethane
Concen: 5.508 ug/l
RT: 1.86 min Scan# 163
Delta R.T. 0.00 min
Lab File: VU039698.D
Acq: 29 Jul 2020 12:09

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tot Ion: 94 Resp: 33366
Ion Ratio Lower Upper
94 100
96 94.4 75.0 112.6

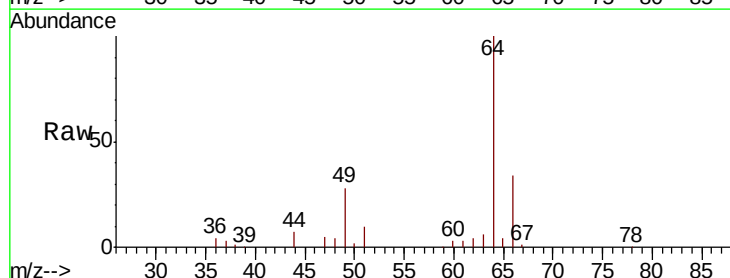


Abundance Ion 94.00 (93.70 to 94.70): VU0
Ion 96.00 (95.70 to 96.70): VU0

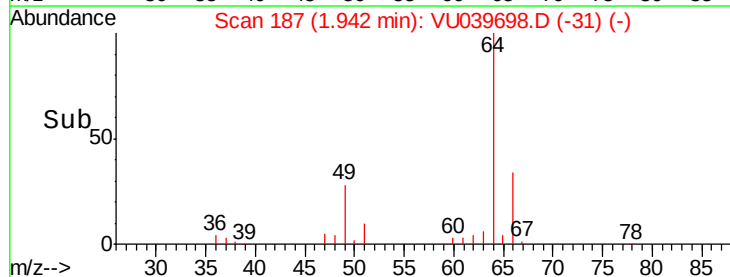
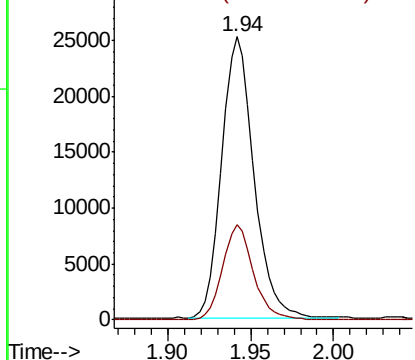


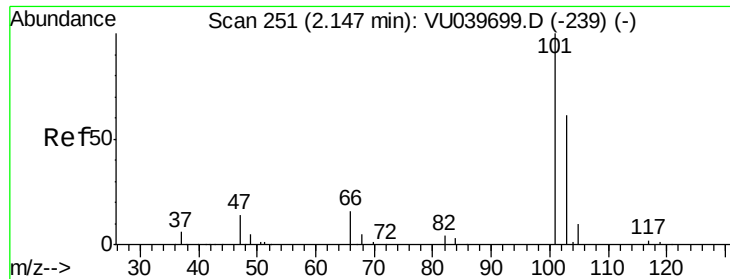
#6
Chloroethane
Concen: 5.719 ug/l
RT: 1.94 min Scan# 187
Delta R.T. 0.00 min
Lab File: VU039698.D
Acq: 29 Jul 2020 12:09

Tgt Ion: 64 Resp: 34059
Ion Ratio Lower Upper
64 100
66 33.8 26.2 39.2



Abundance Ion 64.00 (63.70 to 64.70): VU0
Ion 66.00 (65.70 to 66.70): VU0



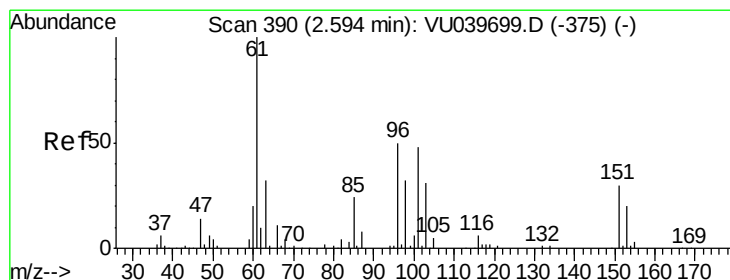
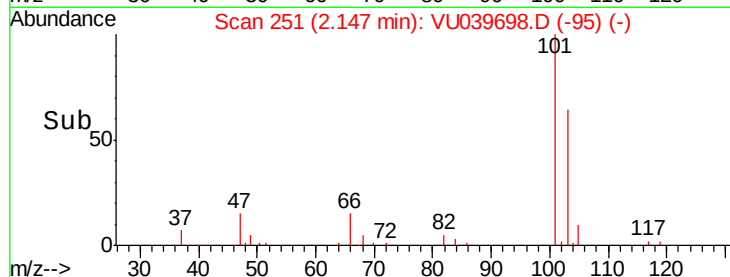
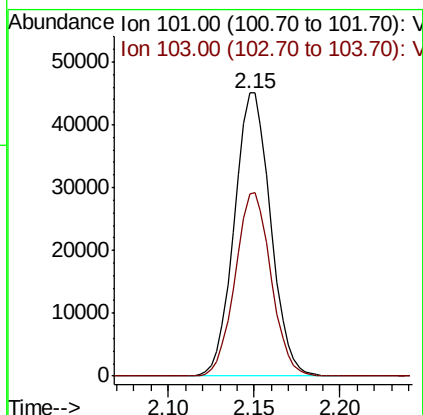
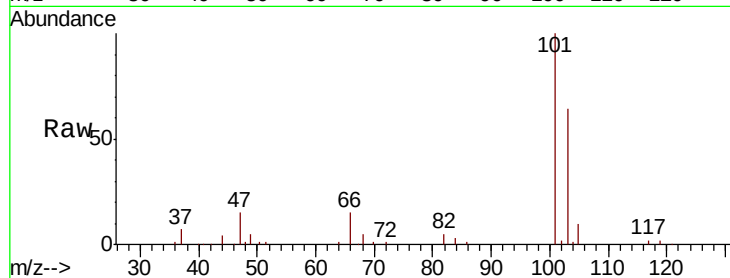


#7

Trichlorofluoromethane
 Concen: 6.239 ug/l
 RT: 2.15 min Scan# 251
 Delta R.T. 0.00 min
 Lab File: VU039698.D
 Acq: 29 Jul 2020 12:09

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

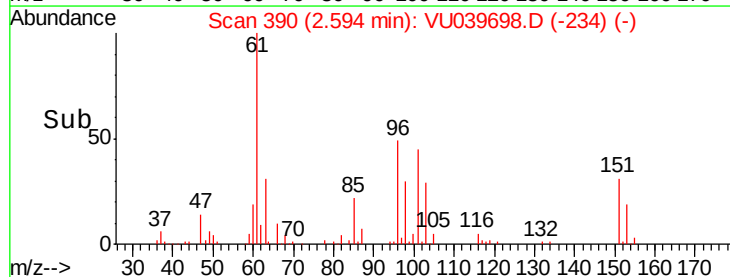
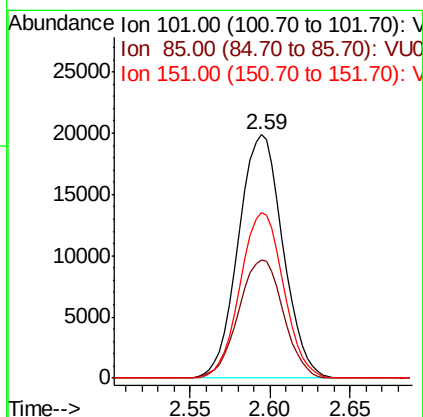
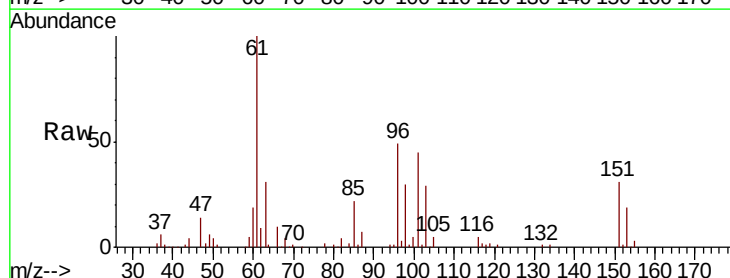
Tot Ion:101 Resp: 66400
 Ion Ratio Lower Upper
 101 100
 103 64.2 48.8 73.2

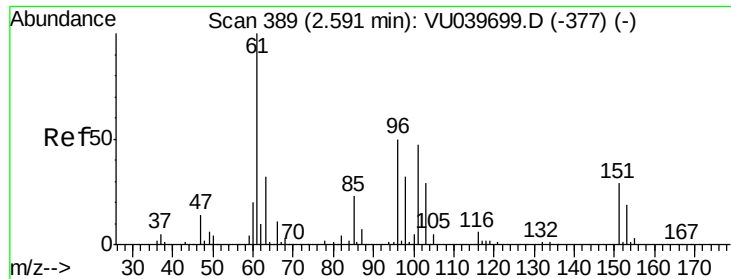


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.782 ug/l
 RT: 2.59 min Scan# 390
 Delta R.T. 0.00 min
 Lab File: VU039698.D
 Acq: 29 Jul 2020 12:09

Tgt Ion:101 Resp: 37745
 Ion Ratio Lower Upper
 101 100
 85 48.9 39.9 59.9
 151 66.5 51.0 76.4





#9

1,1-Dichloroethene

Concen: 5.420 ug/l

RT: 2.59 min Scan# 390

Delta R.T. 0.00 min

Lab File: VU039698.D

Acq: 29 Jul 2020 12:09

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

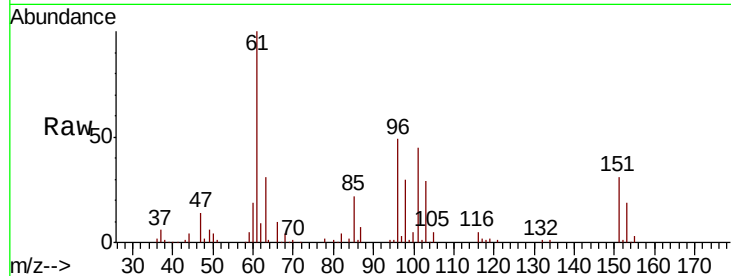
Tot Ion: 96 Resp: 35139

Ion Ratio Lower Upper

96 100

61 204.2 0.0 604.5

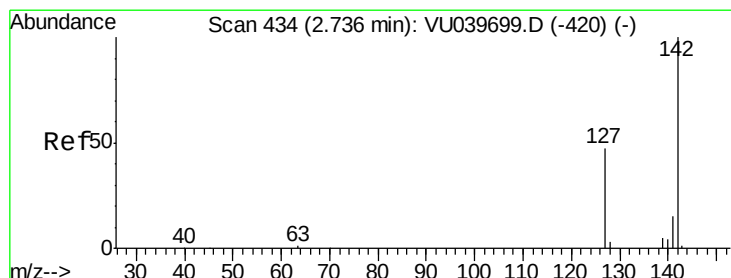
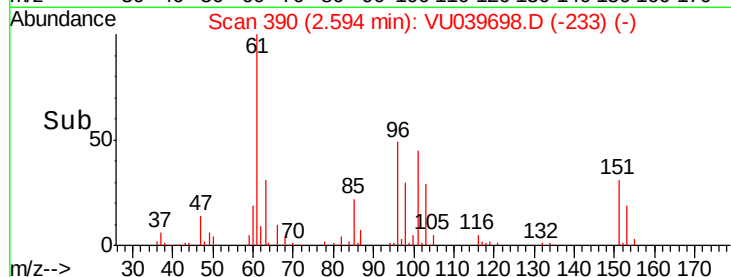
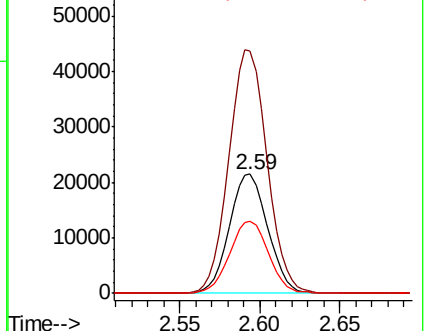
98 61.0 0.0 127.2



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

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

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



#10

Iodomethane

Concen: 8.837 ug/l

RT: 2.74 min Scan# 434

Delta R.T. 0.00 min

Lab File: VU039698.D

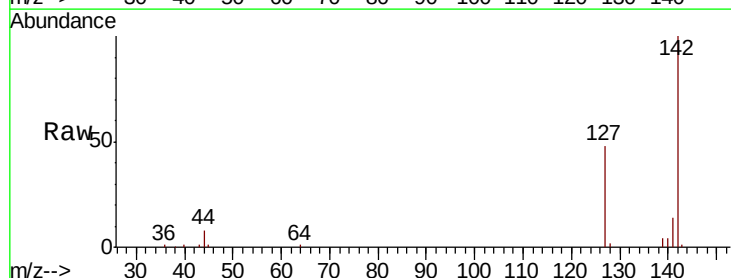
Acq: 29 Jul 2020 12:09

Tgt Ion: 142 Resp: 38117

Ion Ratio Lower Upper

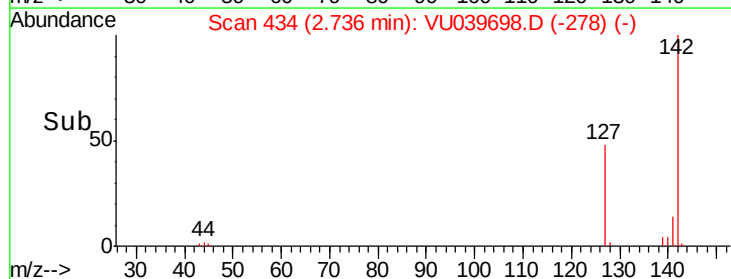
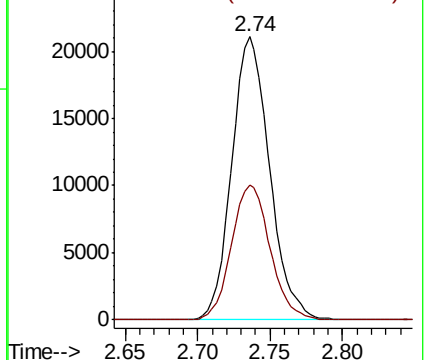
142 100

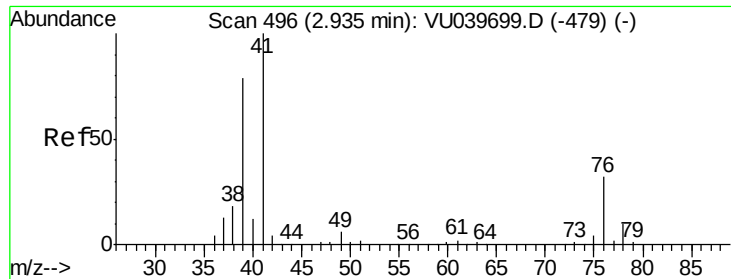
127 48.5 38.4 57.6



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

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

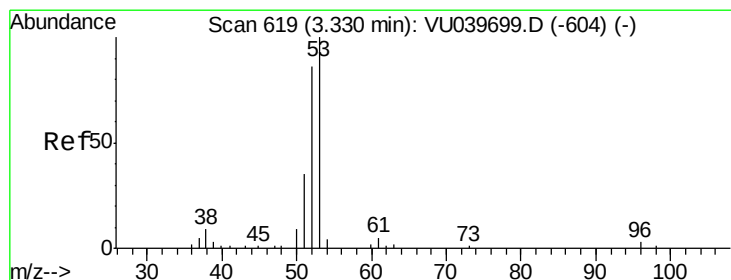
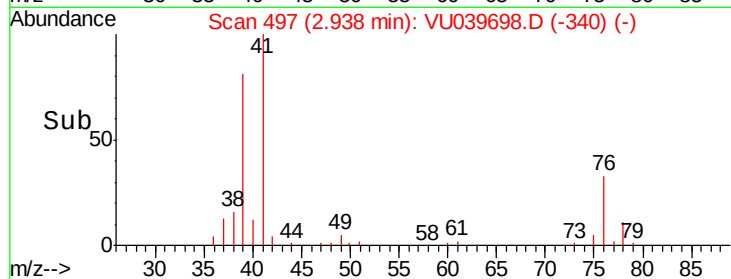
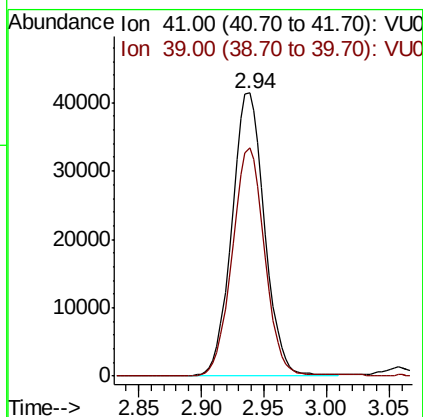
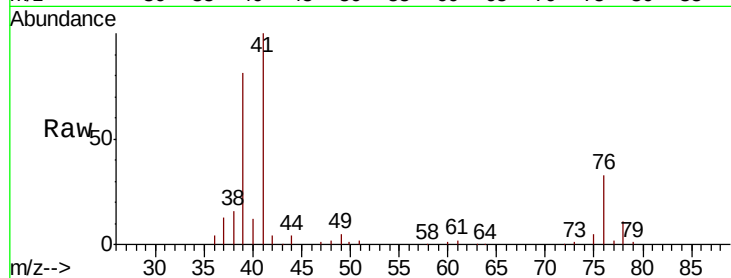




#11
Allvl Chloride
Concen: 6.112 ug/l
RT: 2.94 min Scan# 497
Delta R.T. 0.00 min
Lab File: VU039698.D
Acq: 29 Jul 2020 12:09

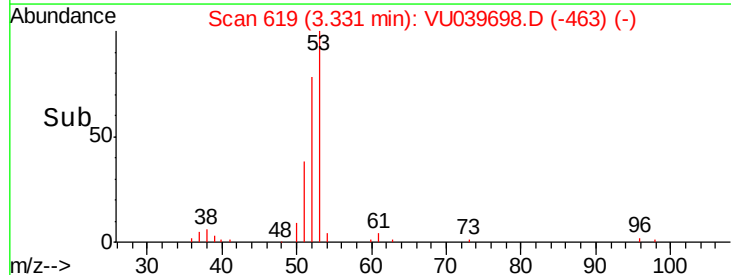
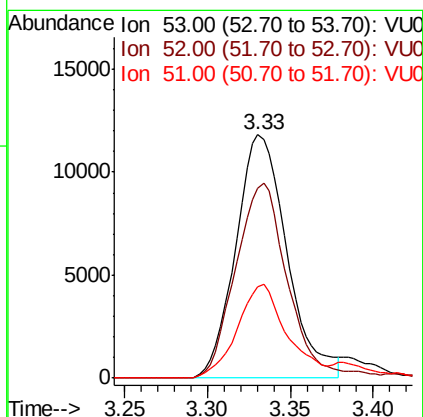
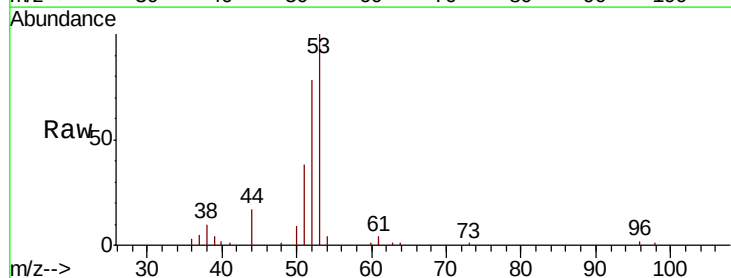
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

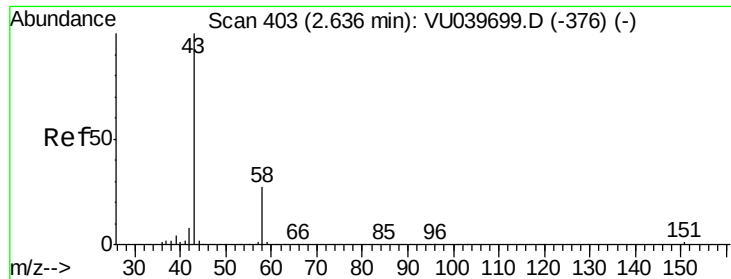
Tot Ion: 41 Resp: 75051
Ion Ratio Lower Upper
41 100
39 79.9 64.2 96.2



#12
Acrylonitrile
Concen: 13.796 ug/l
RT: 3.33 min Scan# 619
Delta R.T. 0.00 min
Lab File: VU039698.D
Acq: 29 Jul 2020 12:09

Tgt Ion: 53 Resp: 25416
Ion Ratio Lower Upper
53 100
52 81.1 69.1 103.7
51 37.4 29.4 44.2





#13

Acetone

Concen: 39.264 ug/l

RT: 2.64 min Scan# 403

Delta R.T. 0.00 min

Lab File: VU039698.D

Acq: 29 Jul 2020 12:09

Instrument :

MSVOA_U

ClientSampleId :

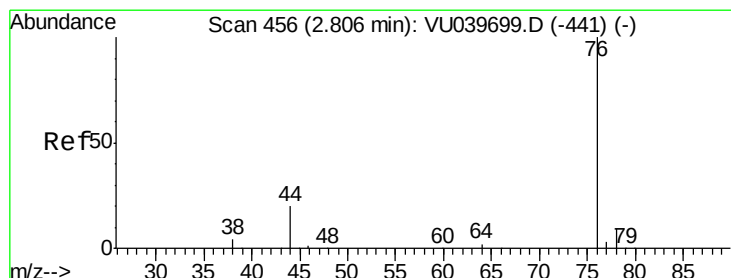
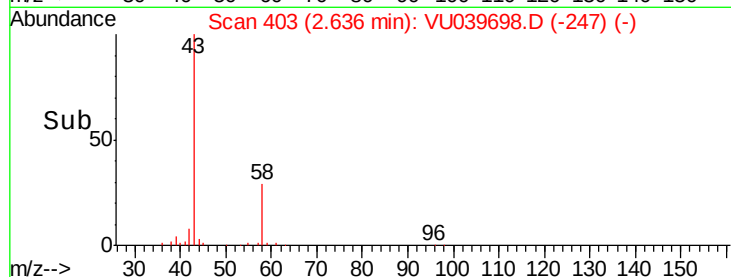
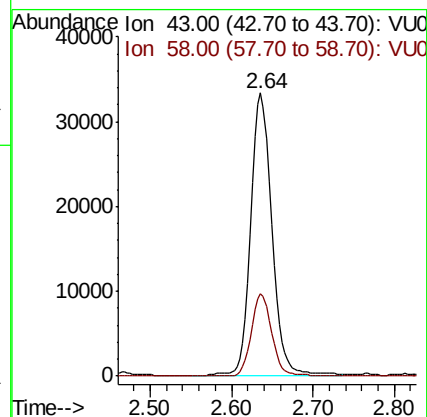
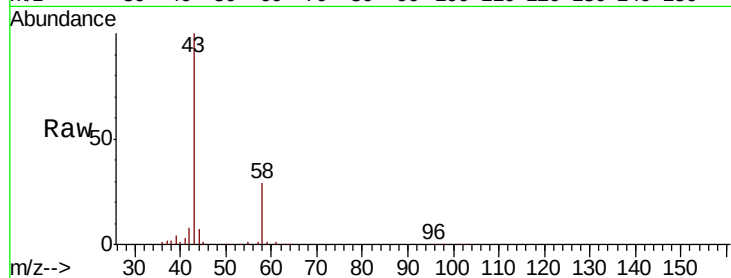
VSTDIC005

Tot Ion: 43 Resp: 59878

Ion Ratio Lower Upper

43 100

58 29.1 21.8 32.6



#14

Carbon Disulfide

Concen: 5.383 ug/l

RT: 2.81 min Scan# 456

Delta R.T. 0.00 min

Lab File: VU039698.D

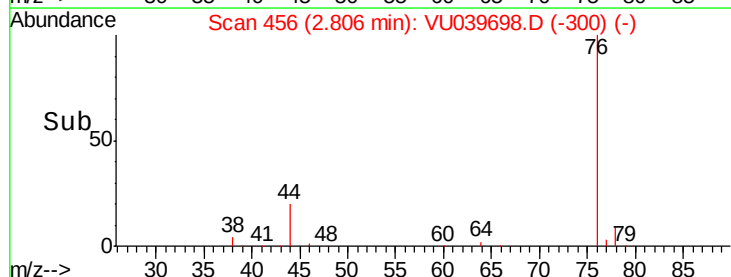
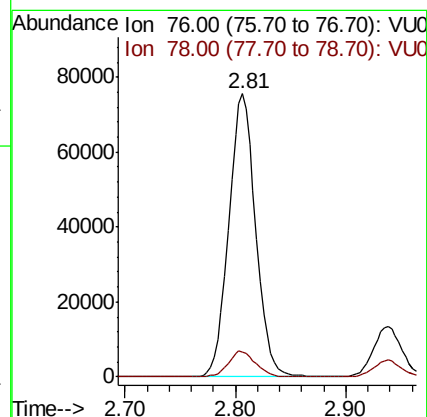
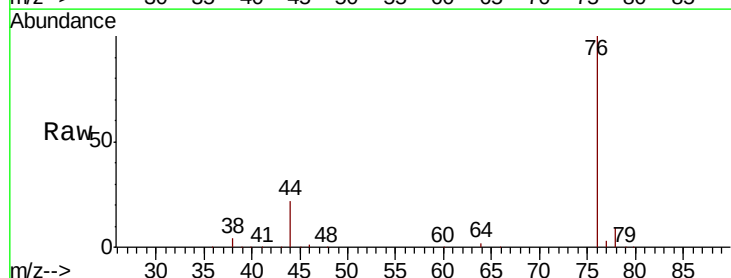
Acq: 29 Jul 2020 12:09

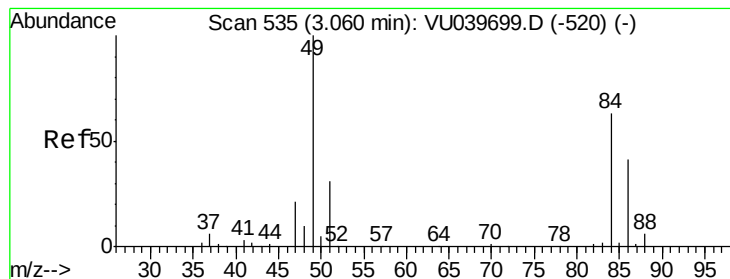
Tgt Ion: 76 Resp: 127400

Ion Ratio Lower Upper

76 100

78 9.0 7.0 10.6





#15

Methylene Chloride

Concen: 4.880 ug/l

RT: 3.06 min Scan# 535

Delta R.T. 0.00 min

Lab File: VU039698.D

Acq: 29 Jul 2020 12:09

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

Tot Ion: 84 Resp: 43900

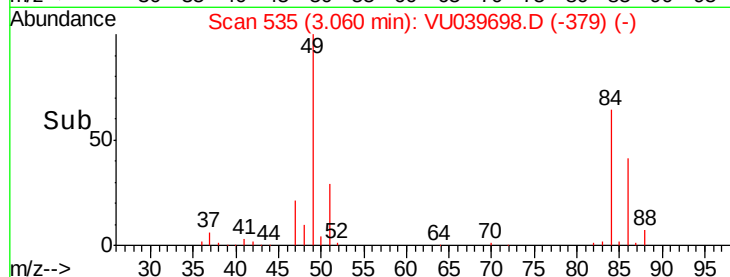
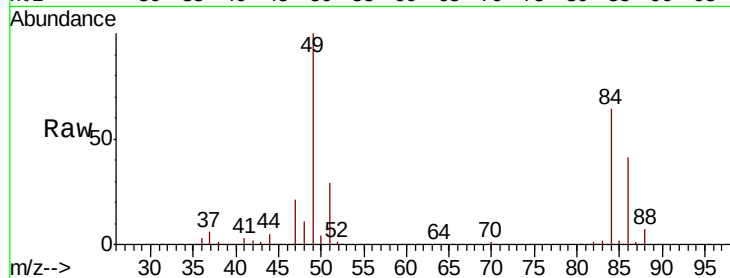
Ion Ratio Lower Upper

84 100

49 156.6 126.8 190.2

51 45.5 0.0 97.2

86 63.4 51.4 77.2

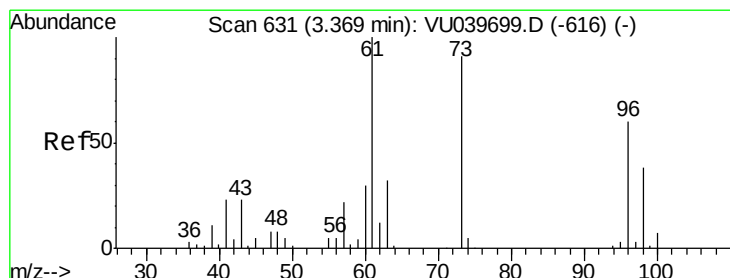
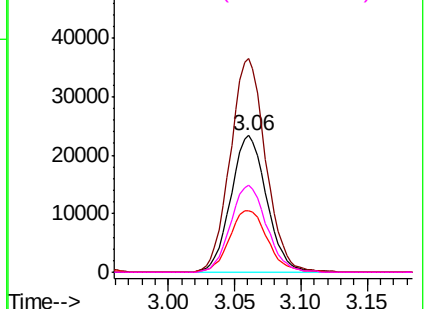


Abundance Ion 84.00 (83.70 to 84.70): VU039699.D (-520) (-)

Ion 49.00 (48.70 to 49.70): VU039699.D (-520) (-)

Ion 51.00 (50.70 to 51.70): VU039699.D (-520) (-)

Ion 86.00 (85.70 to 86.70): VU039699.D (-520) (-)



#16

trans-1,2-Dichloroethene

Concen: 5.601 ug/l

RT: 3.37 min Scan# 631

Delta R.T. 0.00 min

Lab File: VU039698.D

Acq: 29 Jul 2020 12:09

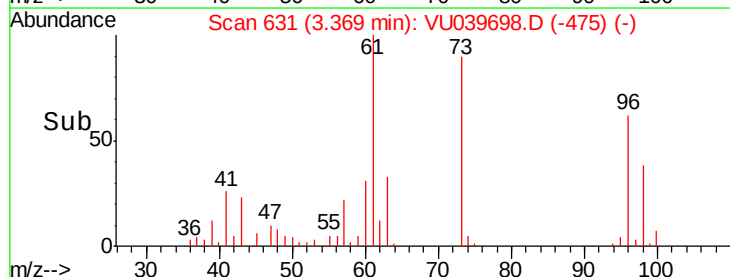
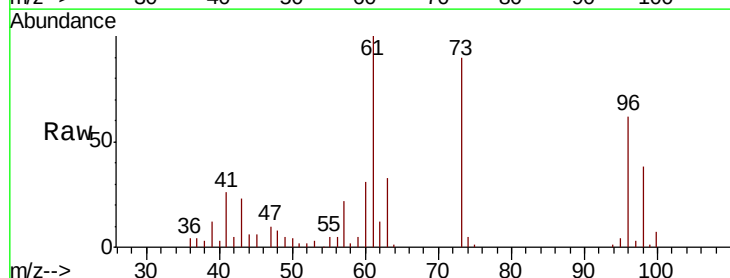
Tgt Ion: 96 Resp: 39843

Ion Ratio Lower Upper

96 100

61 161.4 132.6 199.0

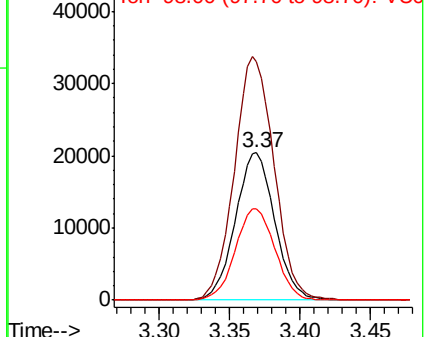
98 62.1 50.2 75.2

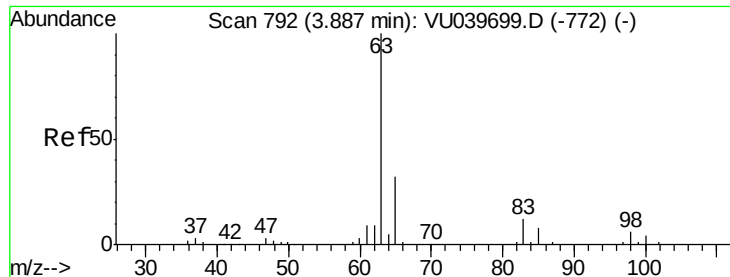


Abundance Ion 96.00 (95.70 to 96.70): VU039699.D (-616) (-)

Ion 61.00 (60.70 to 61.70): VU039699.D (-616) (-)

Ion 98.00 (97.70 to 98.70): VU039699.D (-616) (-)

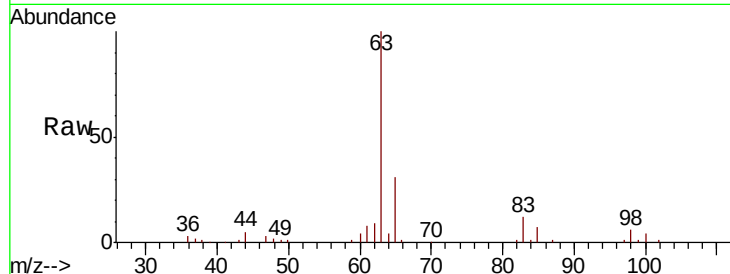




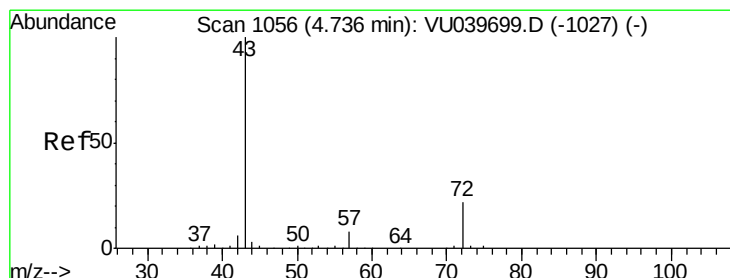
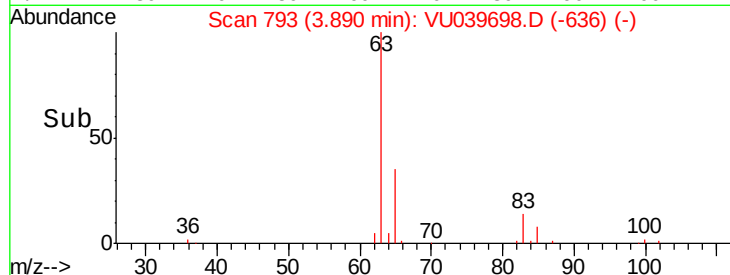
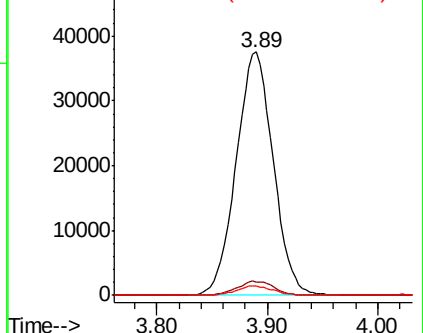
#17
 1,1-Dichloroethane
 Concen: 6.280 ug/l
 RT: 3.89 min Scan# 793
 Delta R.T. 0.00 min
 Lab File: VU039698.D
 Acq: 29 Jul 2020 12:09

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Tot Ion: 63 Resp: 87204
 Ion Ratio Lower Upper
 63 100
 98 5.6 2.9 8.7
 100 3.6 2.0 6.0

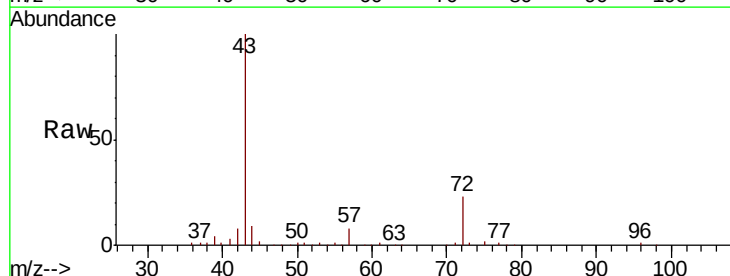


Abundance Ion 63.00 (62.70 to 63.70): VU0
 Ion 98.00 (97.70 to 98.70): VU0
 Ion 100.00 (99.70 to 100.70): VU0

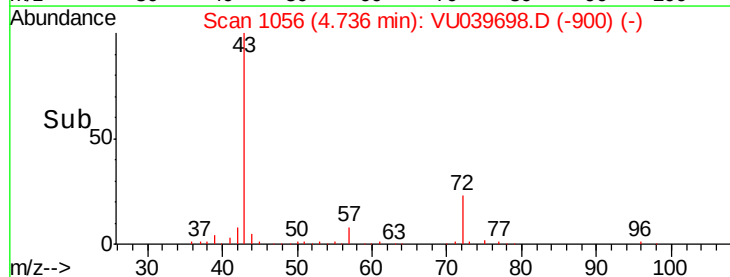
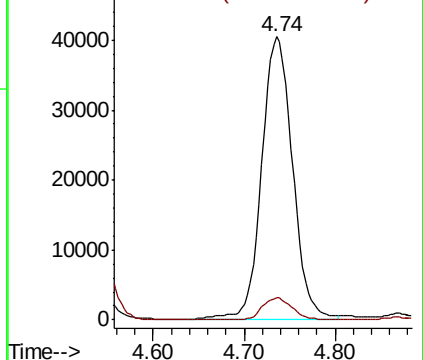


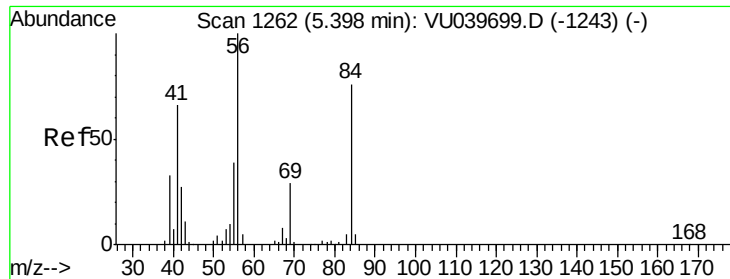
#18
 2-Butanone
 Concen: 40.245 ug/l
 RT: 4.74 min Scan# 1056
 Delta R.T. 0.00 min
 Lab File: VU039698.D
 Acq: 29 Jul 2020 12:09

Tgt Ion: 43 Resp: 94690
 Ion Ratio Lower Upper
 43 100
 57 7.9 0.0 15.2



Abundance Ion 43.00 (42.70 to 43.70): VU0
 Ion 57.00 (56.70 to 57.70): VU0

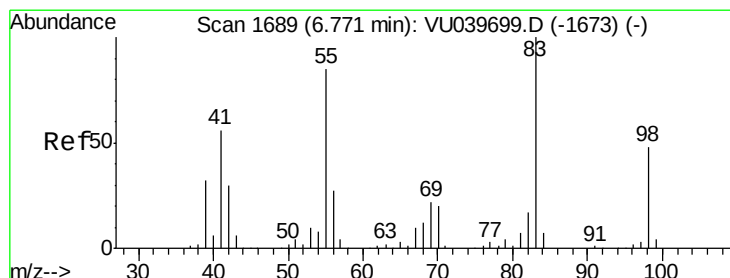
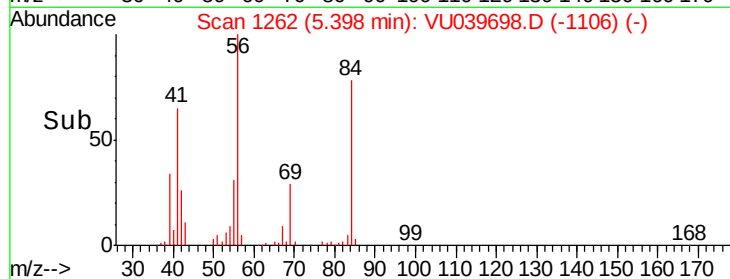
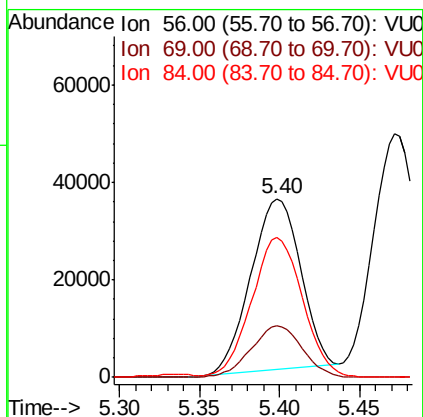
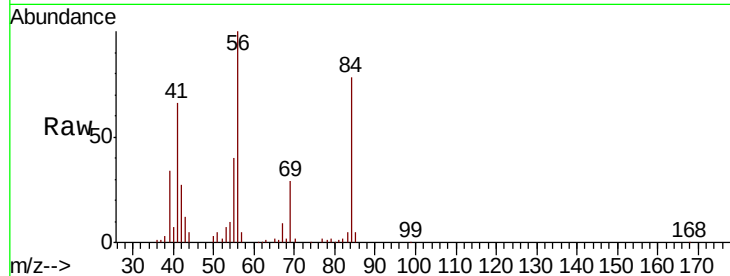




#19
Cyclohexane
Concen: 5.656 ug/l
RT: 5.40 min Scan# 1262
Delta R.T. 0.00 min
Lab File: VU039698.D
Acq: 29 Jul 2020 12:09

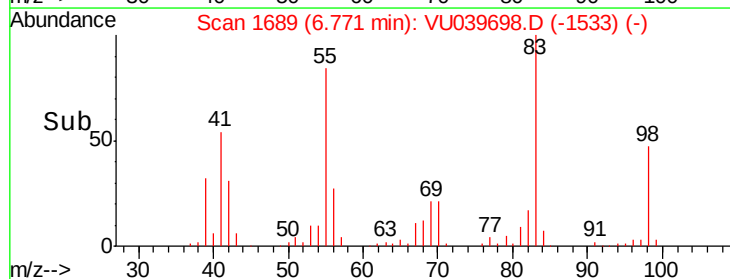
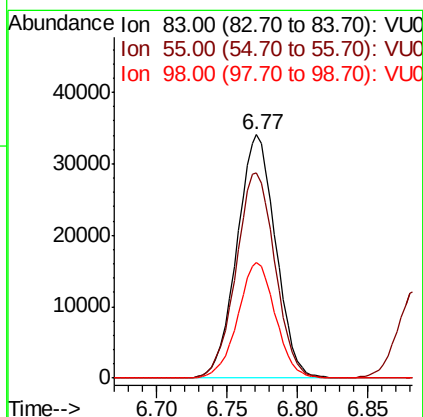
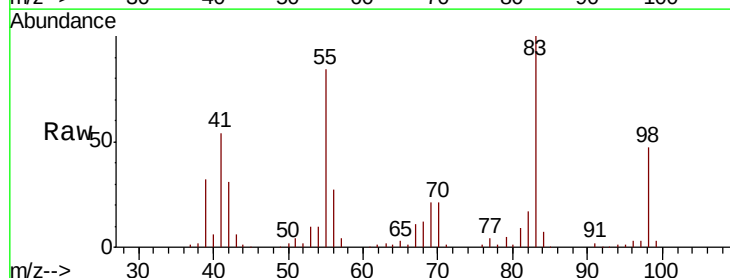
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

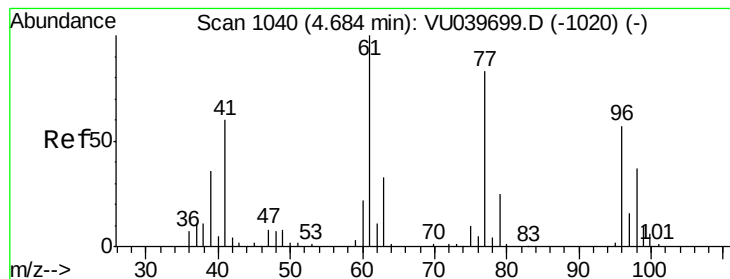
Tot Ion: 56 Resp: 75576
Ion Ratio Lower Upper
56 100
69 31.2 22.8 34.2
84 82.1 59.9 89.9



#20
Methylcyclohexane
Concen: 5.170 ug/l
RT: 6.77 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VU039698.D
Acq: 29 Jul 2020 12:09

Tgt Ion: 83 Resp: 65360
Ion Ratio Lower Upper
83 100
55 85.3 67.6 101.4
98 46.1 37.3 55.9

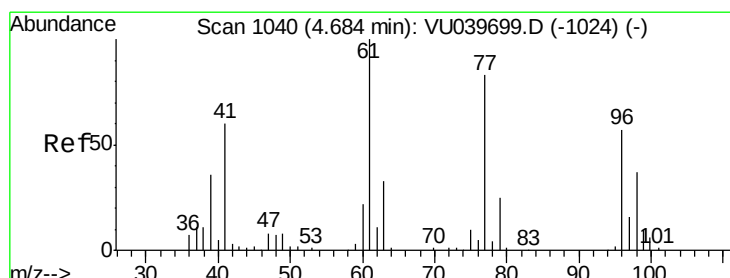
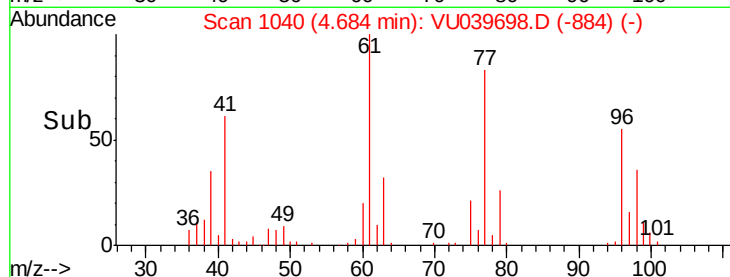
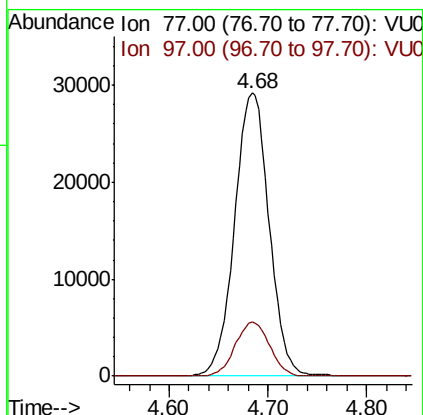
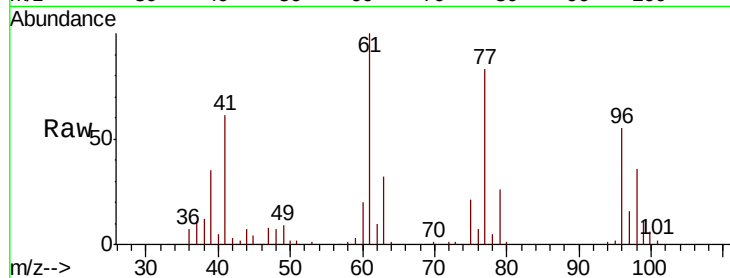




#21
 2,2-Dichloropropane
 Concen: 6.171 ug/l
 RT: 4.68 min Scan# 1040
 Delta R.T. 0.00 min
 Lab File: VU039698.D
 Acq: 29 Jul 2020 12:09

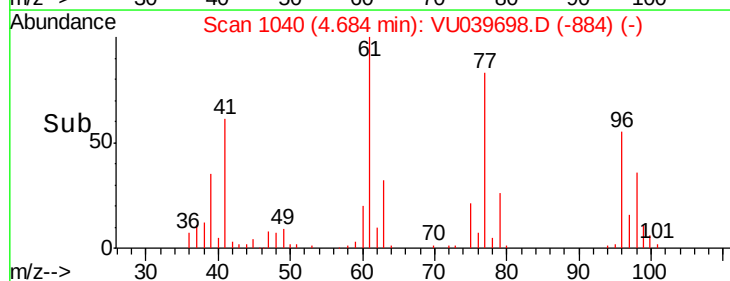
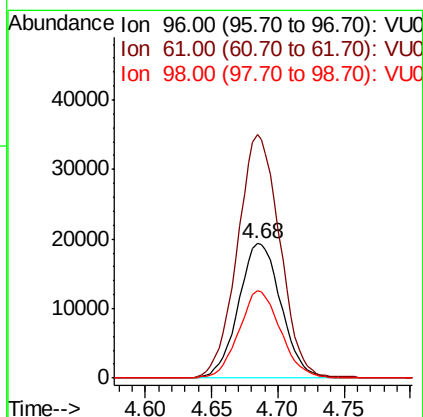
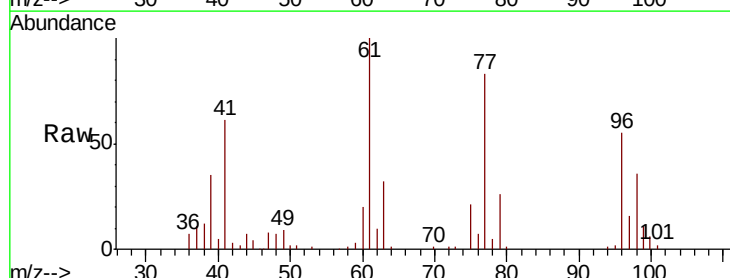
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

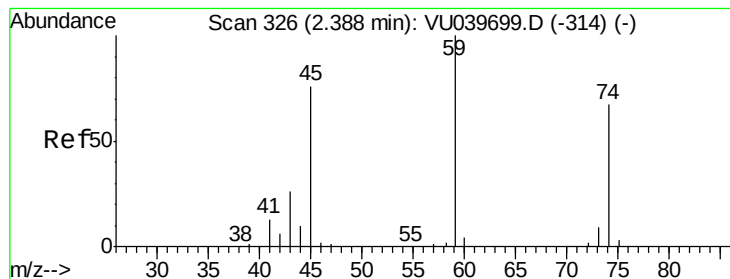
Tot Ion: 77 Resp: 70818
 Ion Ratio Lower Upper
 77 100
 97 18.9 15.2 22.8



#22
 cis-1,2-Dichloroethene
 Concen: 5.736 ug/l
 RT: 4.68 min Scan# 1040
 Delta R.T. 0.00 min
 Lab File: VU039698.D
 Acq: 29 Jul 2020 12:09

Tgt Ion: 96 Resp: 43235
 Ion Ratio Lower Upper
 96 100
 61 180.7 0.0 451.3
 98 63.3 32.6 98.0





#23

Diethyl Ether

Concen: 5.921 ug/l

RT: 2.39 min Scan# 326

Delta R.T. 0.00 min

Lab File: VU039698.D

Acq: 29 Jul 2020 12:09

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

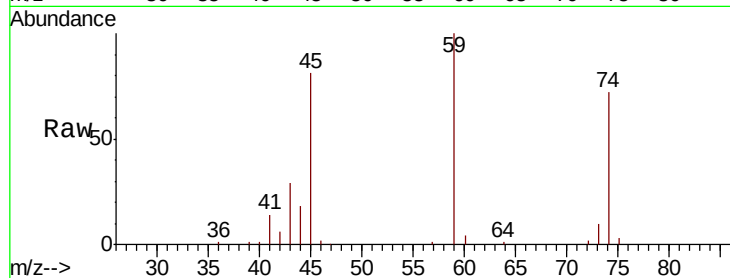
Tot Ion: 59 Resp: 34412

Ion Ratio Lower Upper

59 100

45 82.3 61.5 92.3

74 70.6 54.3 81.5

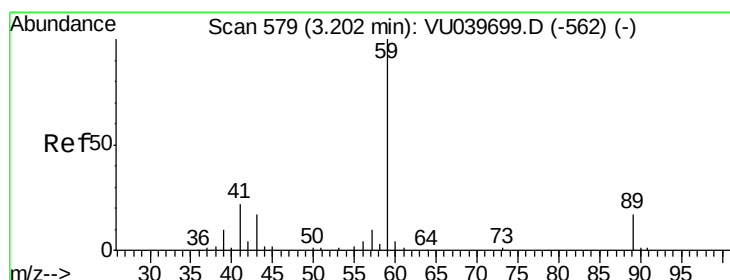
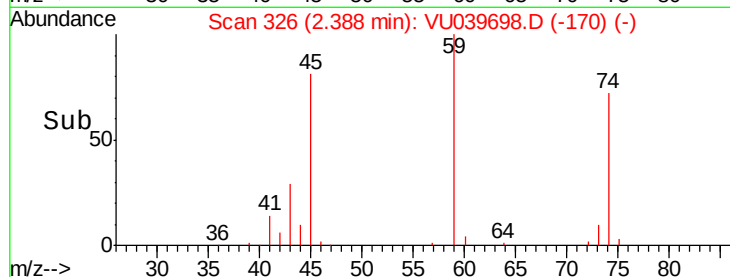
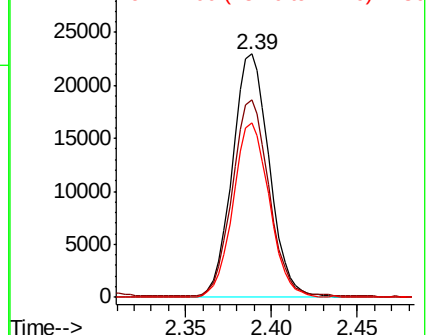


Abundance

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: 67.730 ug/l

RT: 3.20 min Scan# 579

Delta R.T. 0.00 min

Lab File: VU039698.D

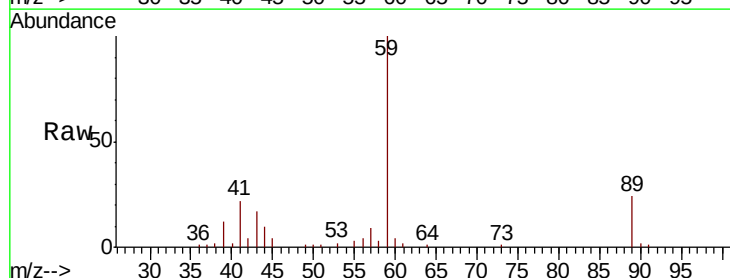
Acq: 29 Jul 2020 12:09

Tgt Ion: 59 Resp: 44879

Ion Ratio Lower Upper

59 100

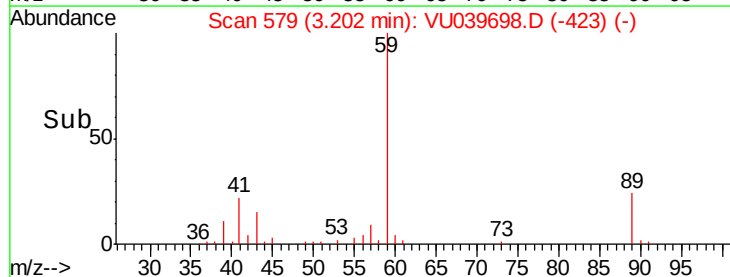
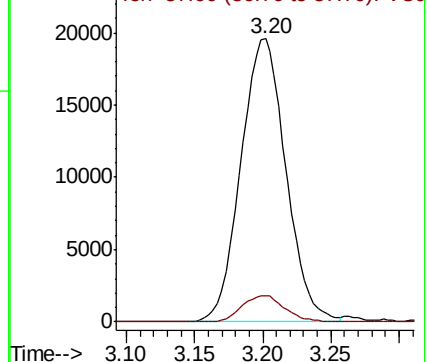
57 8.7 7.8 11.6

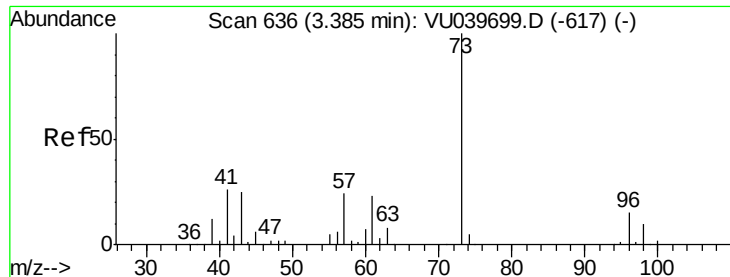


Abundance

Ion 59.00 (58.70 to 59.70): VU0

Ion 57.00 (56.70 to 57.70): VU0



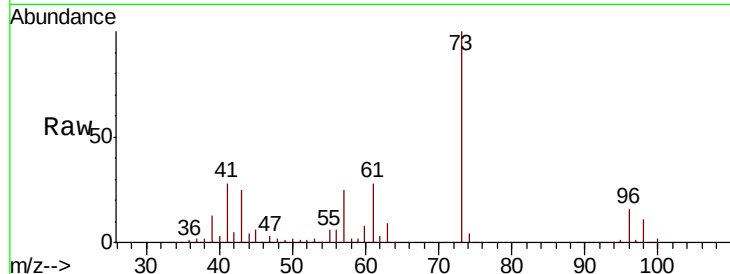


#25

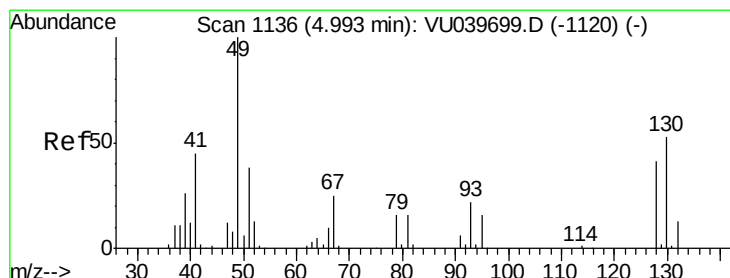
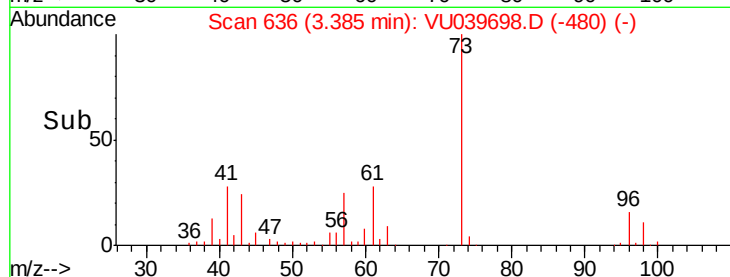
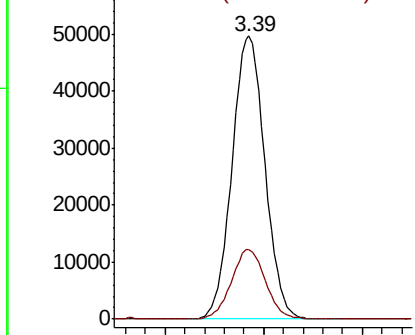
Methyl tert-Butyl Ether
 Concen: 6.255 ug/l
 RT: 3.39 min Scan# 636
 Delta R.T. 0.00 min
 Lab File: VU039698.D
 Acq: 29 Jul 2020 12:09

Instrument :
 MSVOA_U
 ClientSampled :
 VSTDIC005

Tot Ion: 73 Resp: 114731
 Ion Ratio Lower Upper
 73 100
 43 25.6 20.1 30.1



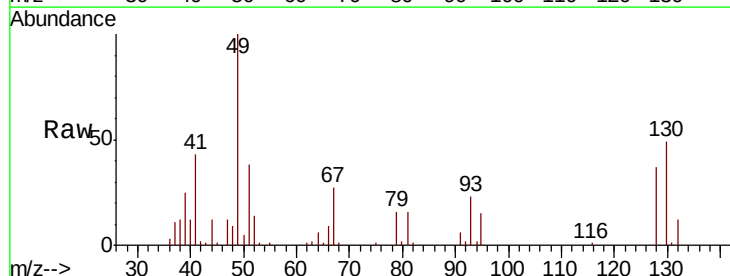
Abundance Ion 73.00 (72.70 to 73.70): VU0
 Ion 43.00 (42.70 to 43.70): VU0



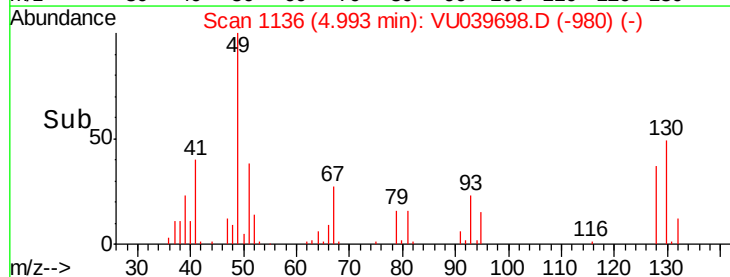
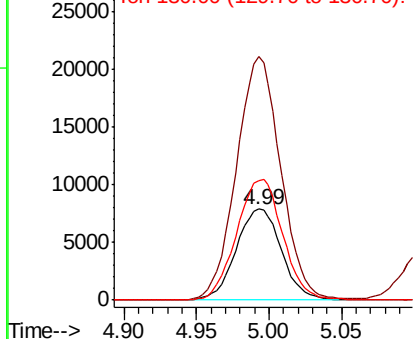
#26

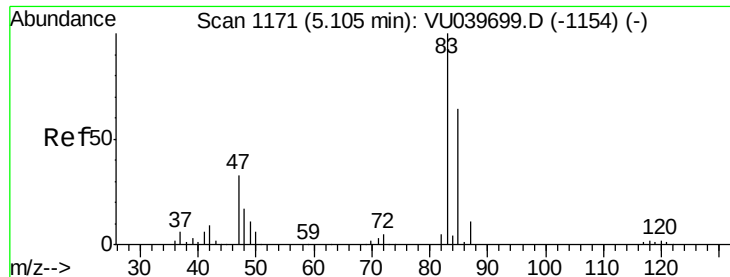
Bromochloromethane
 Concen: 5.624 ug/l
 RT: 4.99 min Scan# 1136
 Delta R.T. 0.00 min
 Lab File: VU039698.D
 Acq: 29 Jul 2020 12:09

Tgt Ion: 128 Resp: 17101
 Ion Ratio Lower Upper
 128 100
 49 262.6 0.0 503.8
 130 135.3 102.7 154.1



Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 49.00 (48.70 to 49.70): VU0
 Ion 130.00 (129.70 to 130.70): V

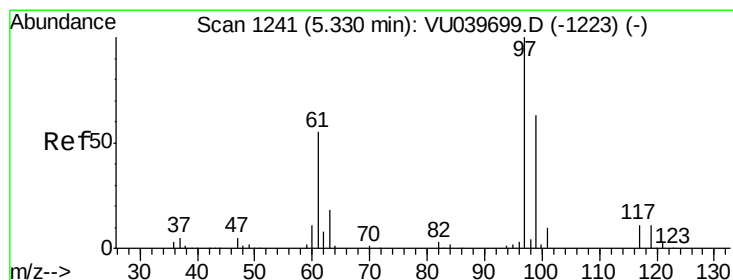
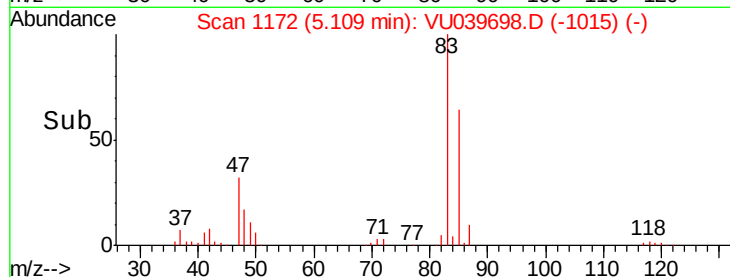
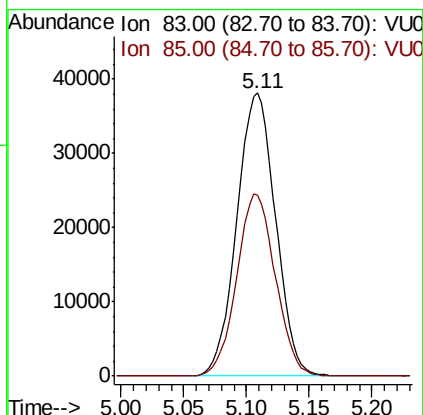
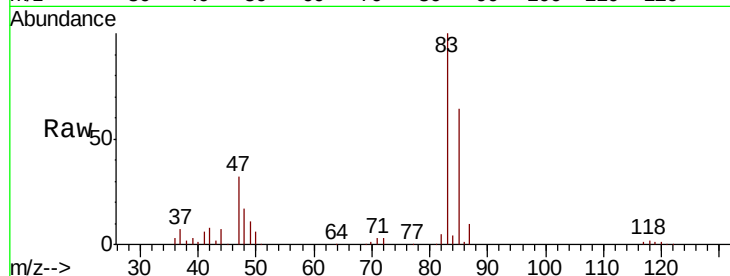




#27
Chloroform
Concen: 6.323 ug/l
RT: 5.11 min Scan# 1172
Delta R.T. 0.00 min
Lab File: VU039698.D
Acq: 29 Jul 2020 12:09

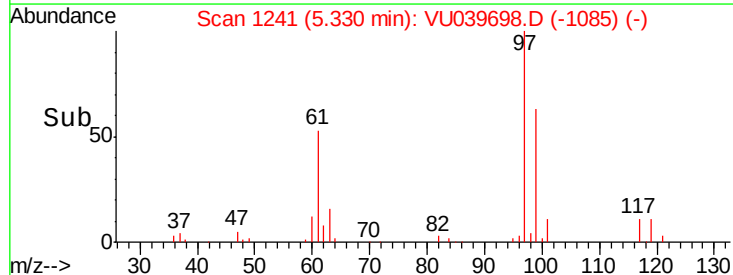
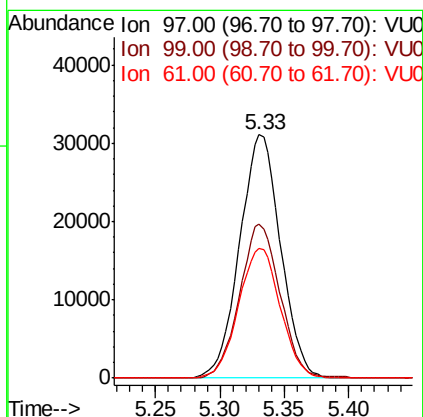
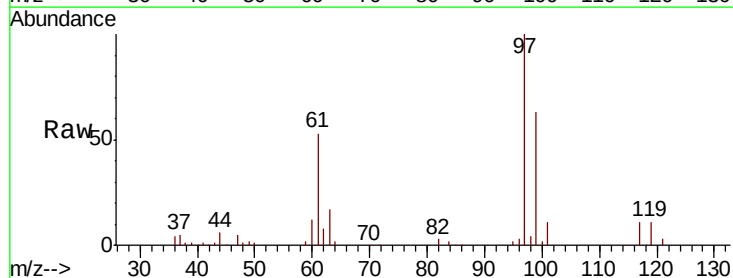
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

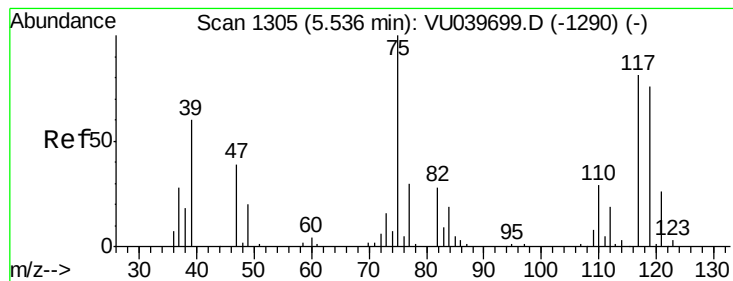
Tot Ion: 83 Resp: 82057
Ion Ratio Lower Upper
83 100
85 64.0 0.0 128.8



#28
1,1,1-Trichloroethane
Concen: 6.454 ug/l
RT: 5.33 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VU039698.D
Acq: 29 Jul 2020 12:09

Tgt Ion: 97 Resp: 68707
Ion Ratio Lower Upper
97 100
99 62.2 32.2 96.6
61 54.5 28.3 85.0





#29

1,1-Dichloropropene

Concen: 6.015 ug/l

RT: 5.54 min Scan# 1306

Delta R.T. 0.00 min

Lab File: VU039698.D

Acq: 29 Jul 2020 12:09

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

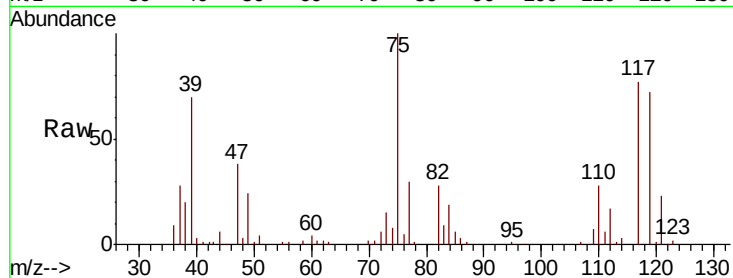
Tot Ion: 75 Resp: 63849

Ion Ratio Lower Upper

75 100

110 29.0 14.6 44.0

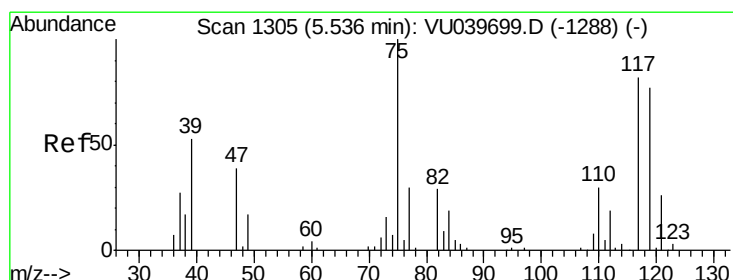
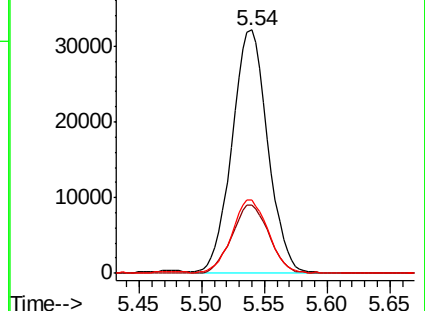
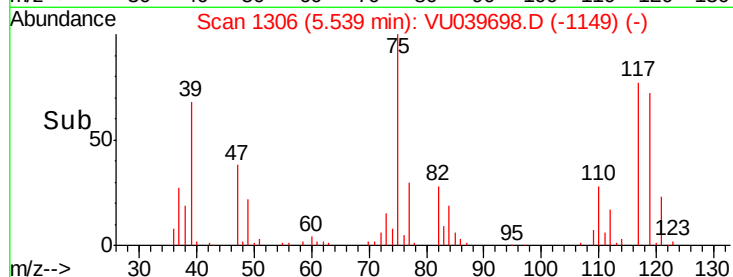
77 29.8 25.0 37.4



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

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

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



#30

Carbon Tetrachloride

Concen: 6.171 ug/l

RT: 5.54 min Scan# 1305

Delta R.T. 0.00 min

Lab File: VU039698.D

Acq: 29 Jul 2020 12:09

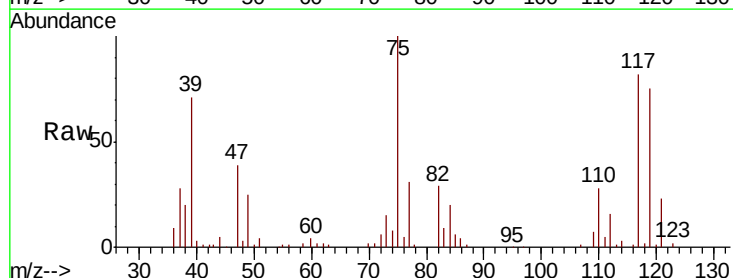
Tgt Ion: 117 Resp: 54755

Ion Ratio Lower Upper

117 100

119 91.8 75.2 112.8

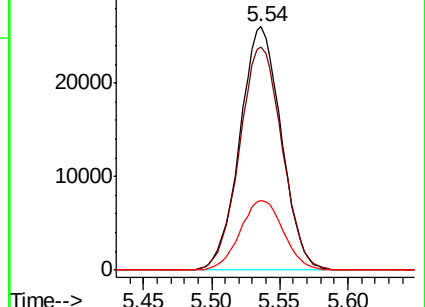
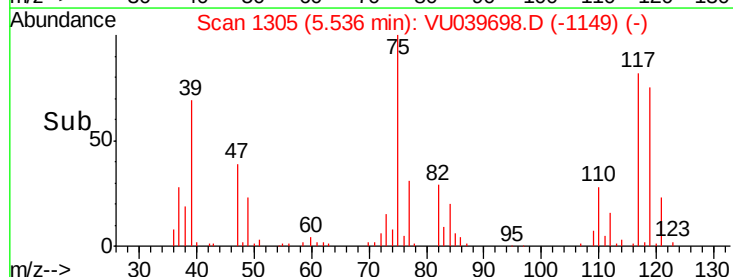
121 28.5 25.4 38.2

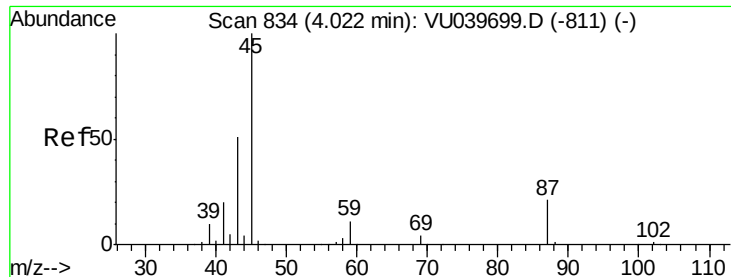


Abundance Ion 117.00 (116.70 to 117.70): VU039699.D (-1288) (-)

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

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

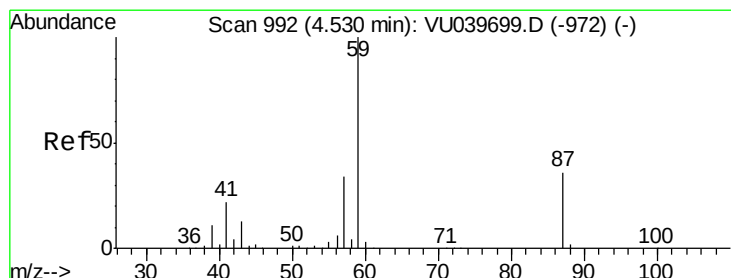
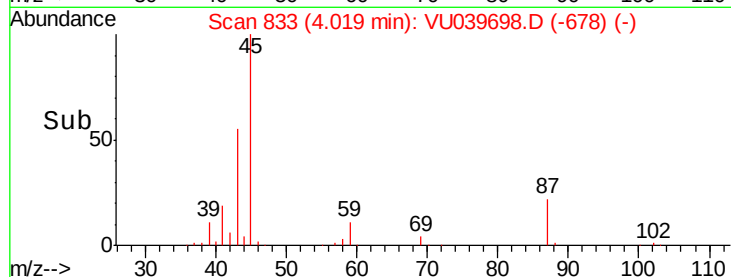
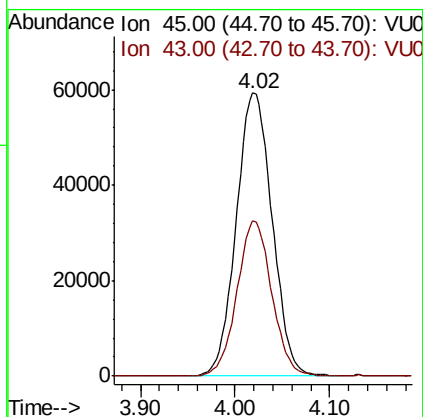
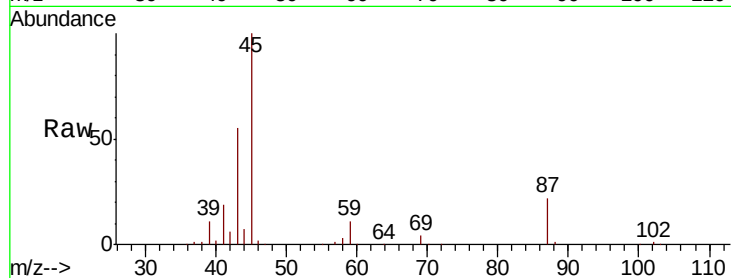




#31
Isopropyl Ether
Concen: 6.731 ug/l
RT: 4.02 min Scan# 833
Delta R.T. -0.00 min
Lab File: VU039698.D
Acq: 29 Jul 2020 12:09

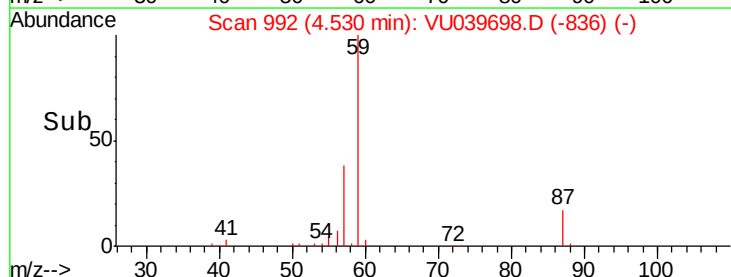
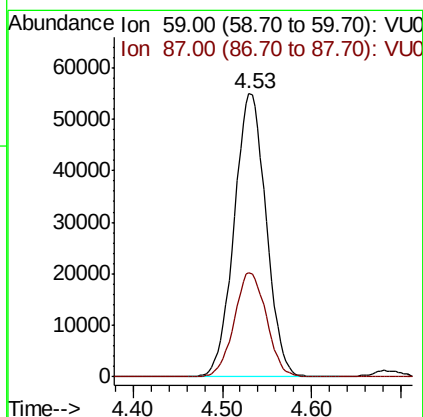
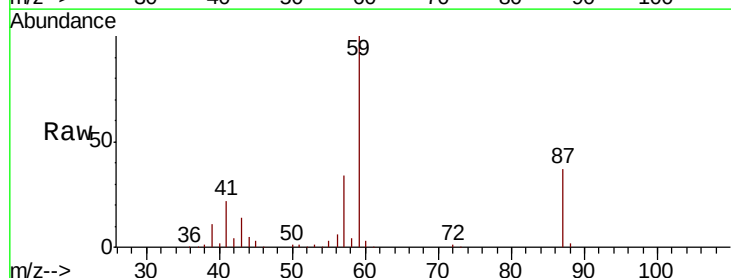
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

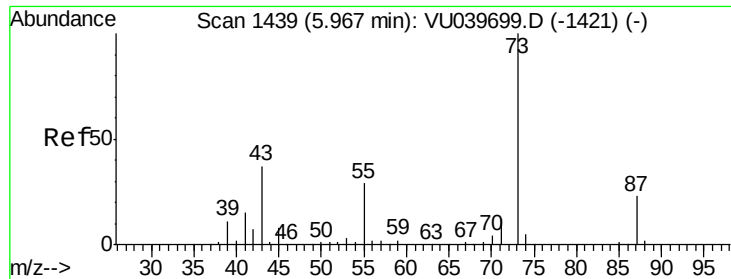
Tot Ion: 45 Resp: 156578
Ion Ratio Lower Upper
45 100
43 53.2 26.5 79.4



#32
Ethyl-t-butyl ether
Concen: 6.594 ug/l
RT: 4.53 min Scan# 992
Delta R.T. 0.00 min
Lab File: VU039698.D
Acq: 29 Jul 2020 12:09

Tgt Ion: 59 Resp: 136786
Ion Ratio Lower Upper
59 100
87 37.2 29.4 44.0

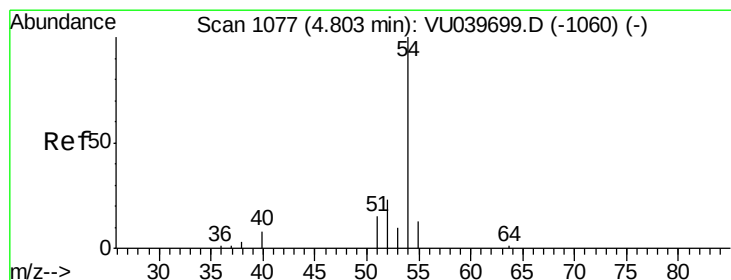
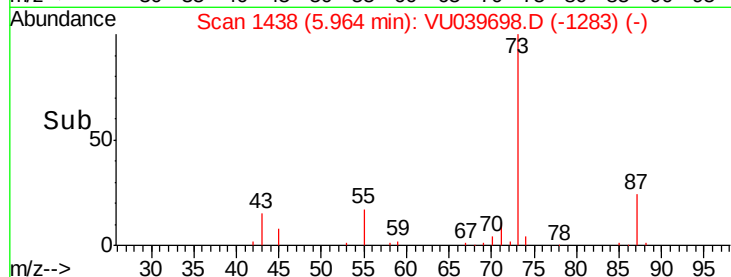
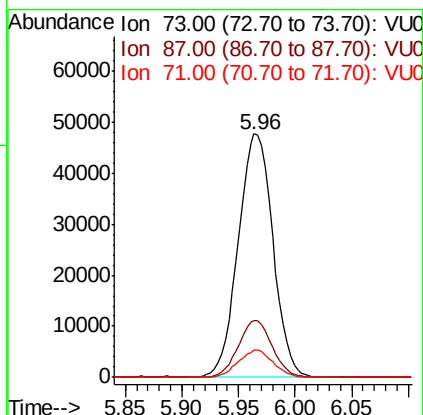
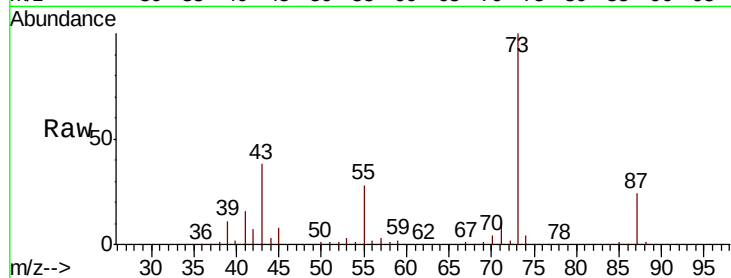




#33
Tert-Butyl methyl ether
Concen: 5.874 ug/l
RT: 5.96 min Scan# 1438
Delta R.T. -0.00 min
Lab File: VU039698.D
Acq: 29 Jul 2020 12:09

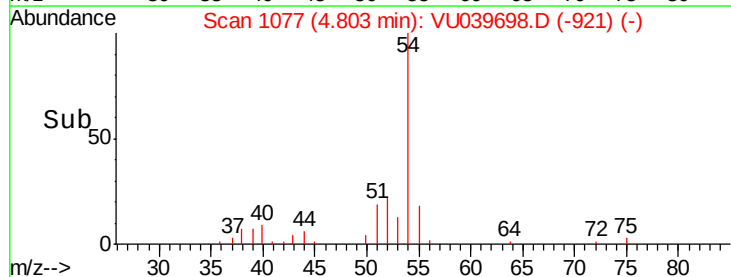
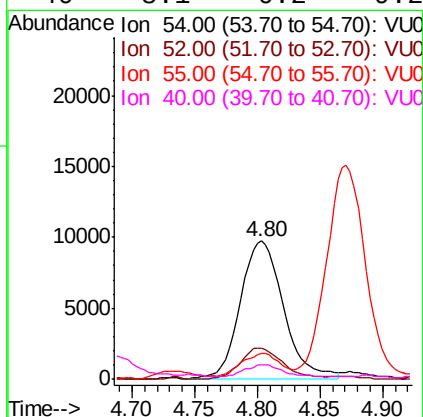
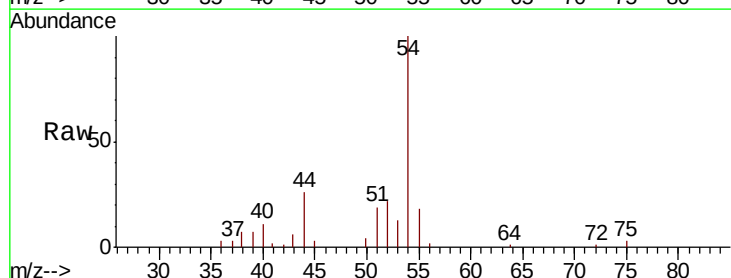
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

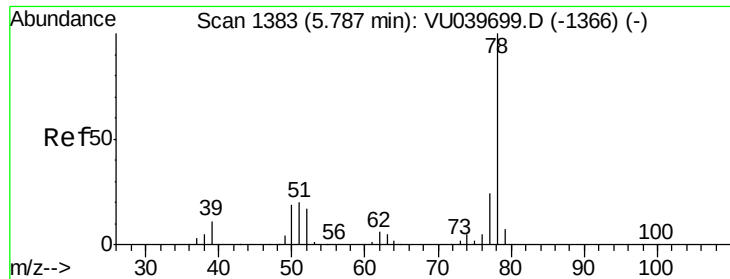
Tot Ion: 73 Resp: 102005
Ion Ratio Lower Upper
73 100
87 22.7 18.7 28.1
71 11.2 9.1 13.7



#34
Propionitrile
Concen: 35.711 ug/l
RT: 4.80 min Scan# 1077
Delta R.T. 0.00 min
Lab File: VU039698.D
Acq: 29 Jul 2020 12:09

Tgt Ion: 54 Resp: 23343
Ion Ratio Lower Upper
54 100
52 22.4 16.9 25.3
55 16.4 12.9 19.3
40 8.1 6.2 9.2





#35

Benzene

Concen: 5.875 ug/l

RT: 5.79 min Scan# 1383

Delta R.T. 0.00 min

Lab File: VU039698.D

Acq: 29 Jul 2020 12:09

Instrument :

MSVOA_U

ClientSampleId :

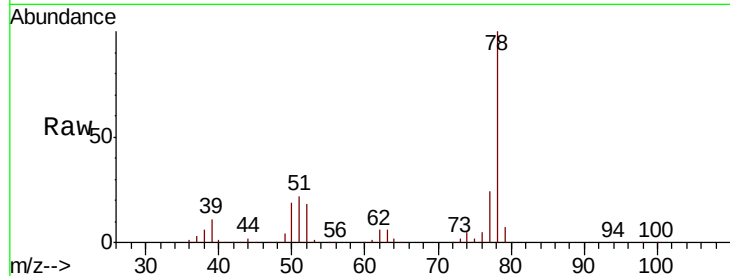
VSTDIC005

Tot Ion: 78 Resp: 171155

Ion Ratio Lower Upper

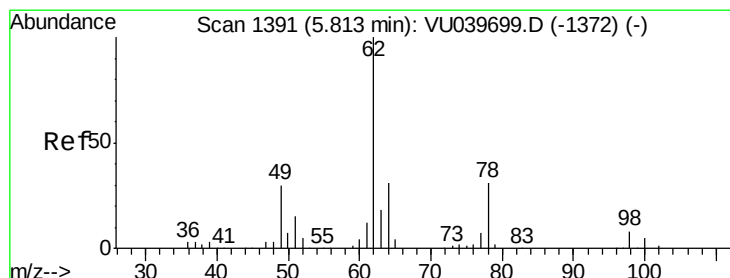
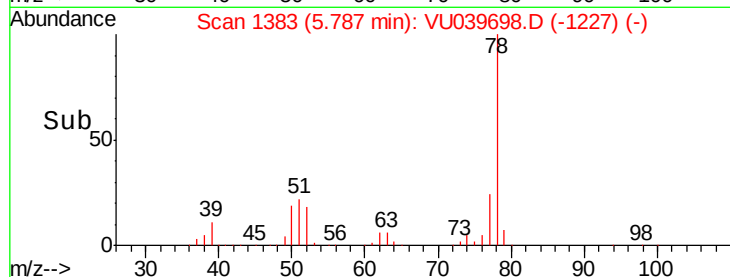
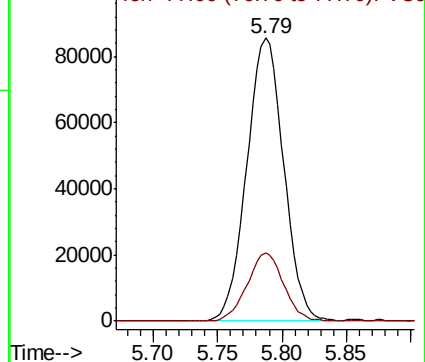
78 100

77 24.1 19.2 28.8



Abundance Ion 78.10 (77.80 to 78.80): VU039699.D (-1366) (-)

Ion 77.00 (76.70 to 77.70): VU039699.D (-1366) (-)



#36

1,2-Dichloroethane

Concen: 7.091 ug/l

RT: 5.81 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VU039698.D

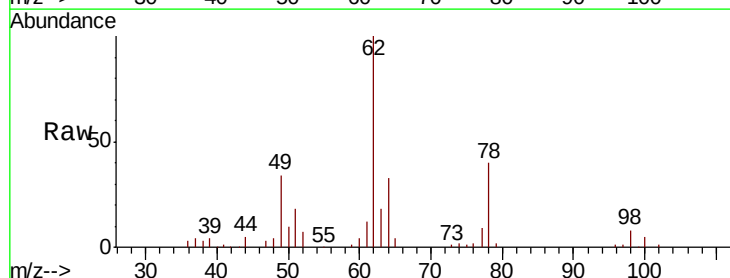
Acq: 29 Jul 2020 12:09

Tgt Ion: 62 Resp: 63910

Ion Ratio Lower Upper

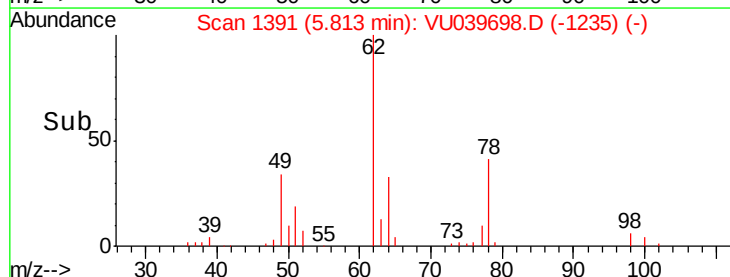
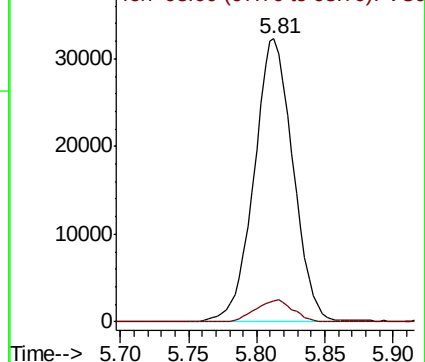
62 100

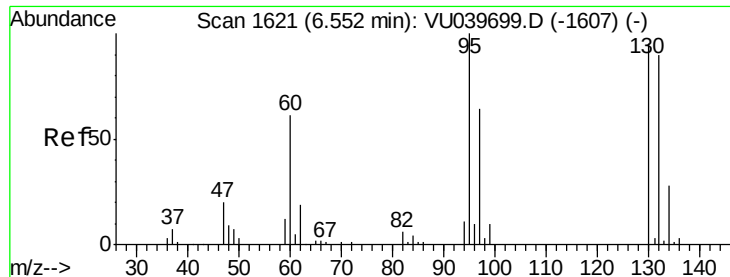
98 7.4 6.2 9.2



Abundance Ion 62.00 (61.70 to 62.70): VU039699.D (-1372) (-)

Ion 98.00 (97.70 to 98.70): VU039699.D (-1372) (-)

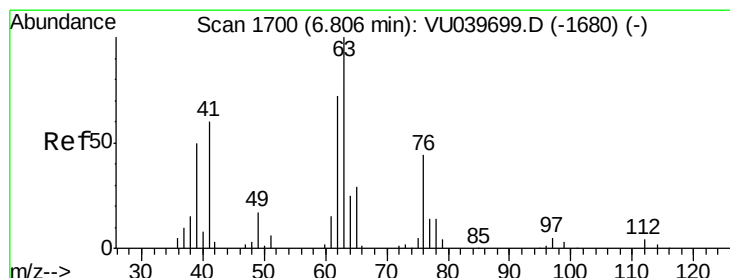
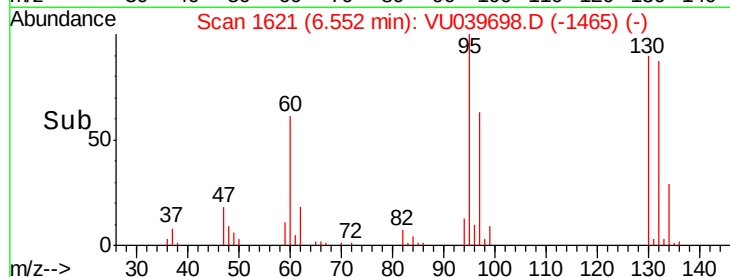
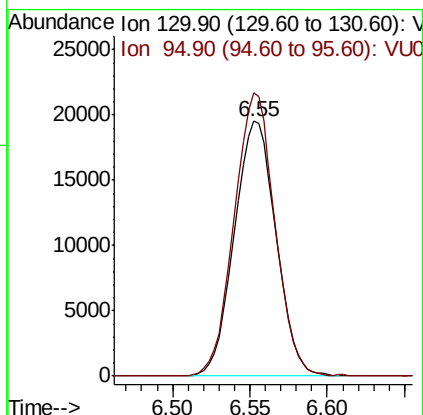
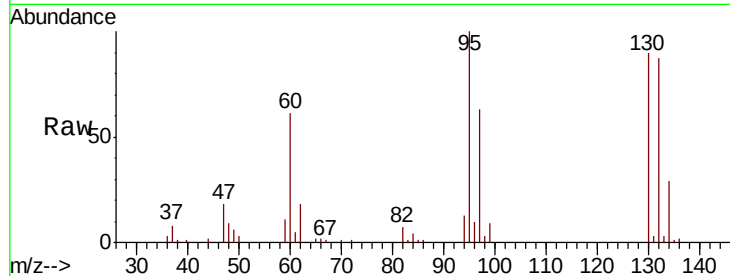




#37
 Trichloroethene
 Concen: 4.851 ug/l
 RT: 6.55 min Scan# 1621
 Delta R.T. 0.00 min
 Lab File: VU039698.D
 Acq: 29 Jul 2020 12:09

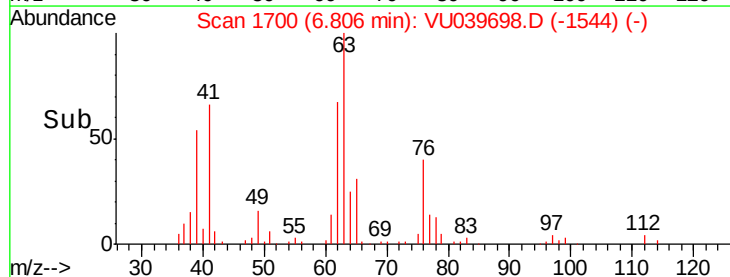
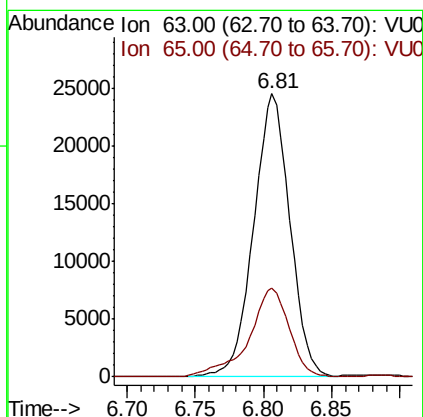
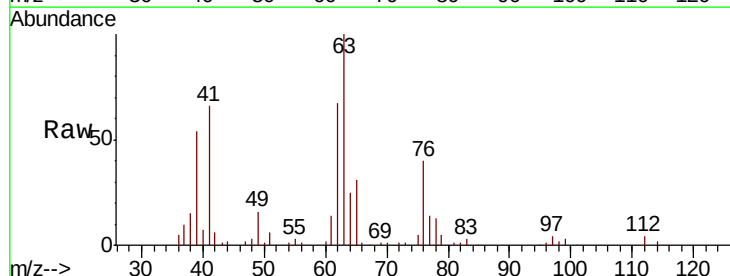
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

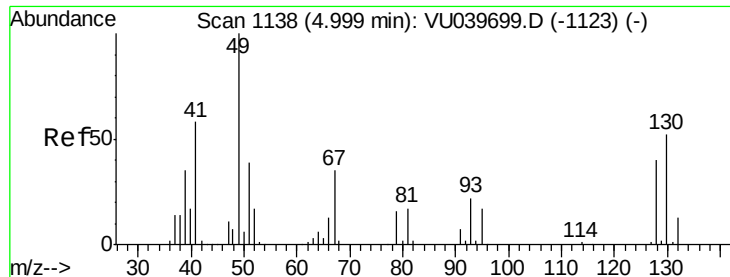
Tot Ion:130 Resp: 36588
 Ion Ratio Lower Upper
 130 100
 95 111.0 84.3 126.5



#38
 1,2-Dichloropropane
 Concen: 5.692 ug/l
 RT: 6.81 min Scan# 1700
 Delta R.T. 0.00 min
 Lab File: VU039698.D
 Acq: 29 Jul 2020 12:09

Tgt Ion: 63 Resp: 45265
 Ion Ratio Lower Upper
 63 100
 65 31.3 23.8 35.6

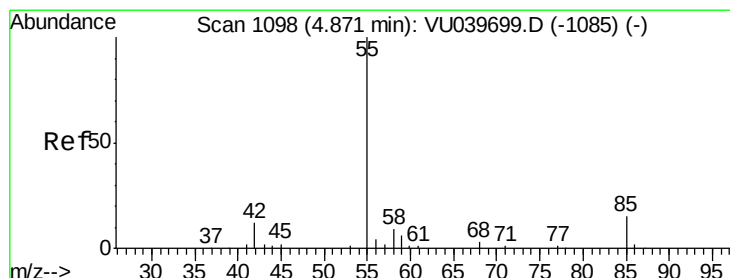
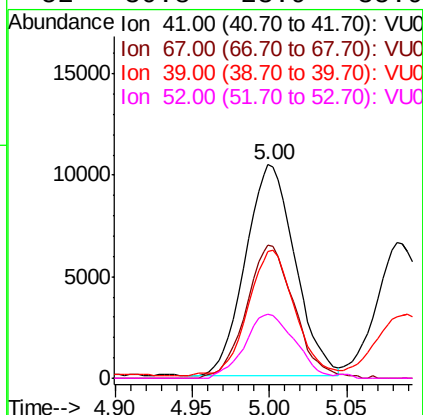
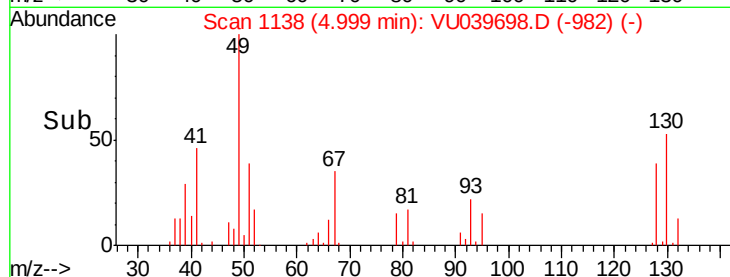
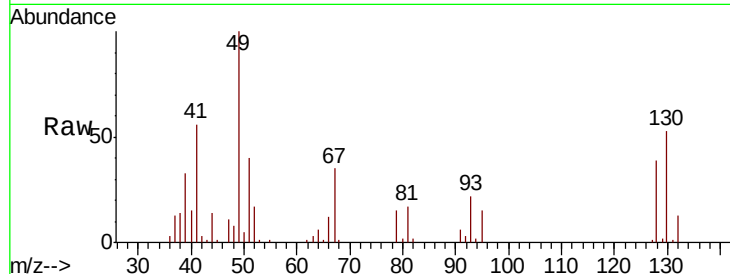




#39
Methacrylonitrile
Concen: 7.491 ug/l
RT: 5.00 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VU039698.D
Acq: 29 Jul 2020 12:09

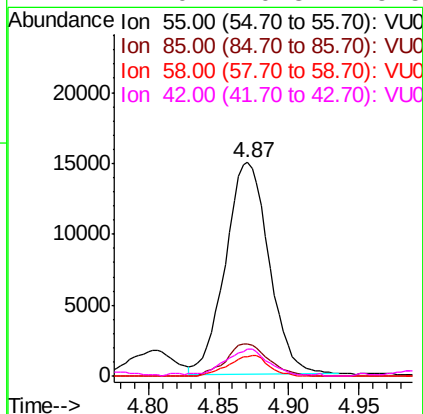
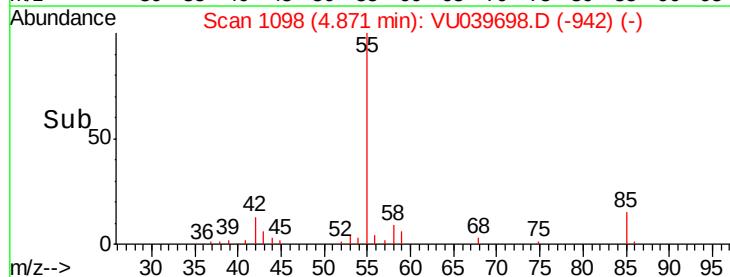
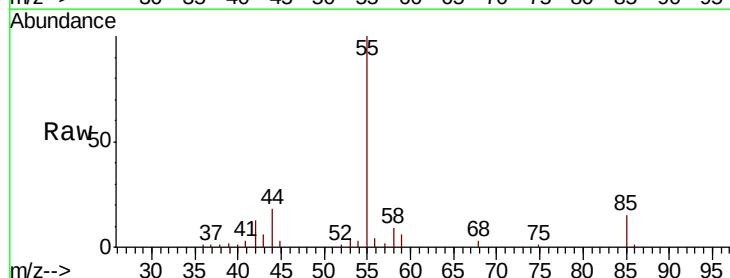
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

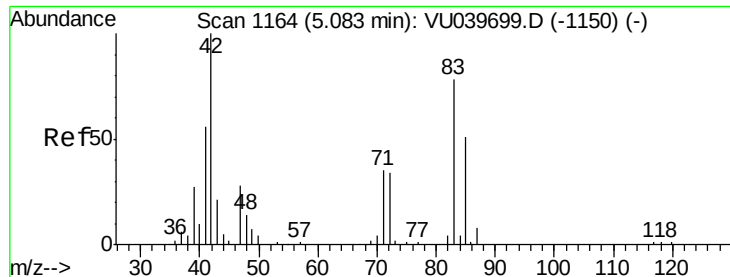
Tot Ion:	41	Resp:	23119
Ion	Ratio	Lower	Upper
41	100		
67	60.9	48.3	72.5
39	55.5	47.6	71.4
52	30.8	23.9	35.9



#40
Methyl acrylate
Concen: 7.179 ug/l
RT: 4.87 min Scan# 1098
Delta R.T. 0.00 min
Lab File: VU039698.D
Acq: 29 Jul 2020 12:09

Tgt Ion:	55	Resp:	32179
Ion	Ratio	Lower	Upper
55	100		
85	14.8	11.4	17.0
58	8.9	7.4	11.0
42	11.0	10.3	15.5





#41

Tetrahydrofuran

Concen: 15.013 ug/l

RT: 5.08 min Scan# 1164

Delta R.T. 0.00 min

Lab File: VU039698.D

Acq: 29 Jul 2020 12:09

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

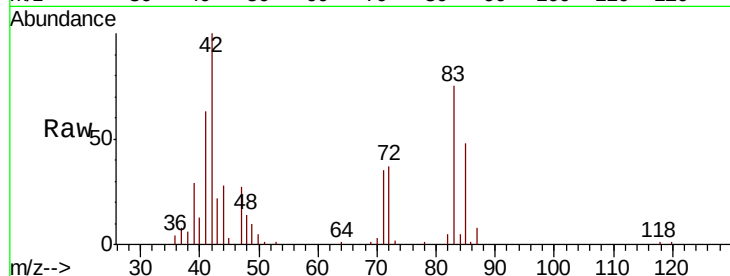
Tot Ion: 42 Resp: 23289

Ion Ratio Lower Upper

42 100

72 39.6 31.0 46.6

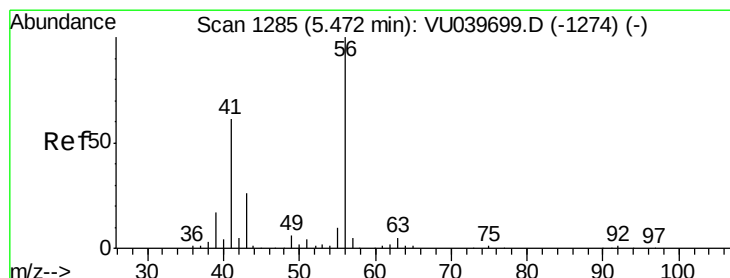
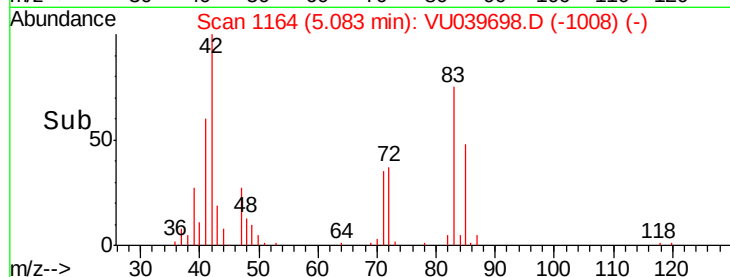
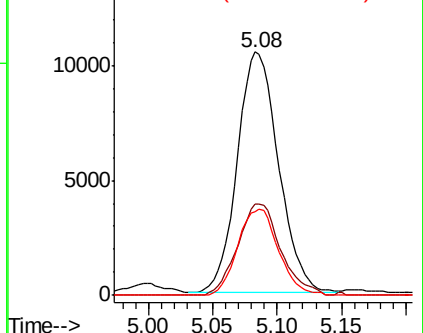
71 35.4 28.2 42.4



Abundance Ion 42.00 (41.70 to 42.70): VU039698.D (-1150) (-)

Ion 72.00 (71.70 to 72.70): VU039698.D (-1150) (-)

Ion 71.00 (70.70 to 71.70): VU039698.D (-1150) (-)



#42

1-Chlorobutane

Concen: 6.430 ug/l

RT: 5.47 min Scan# 1285

Delta R.T. 0.00 min

Lab File: VU039698.D

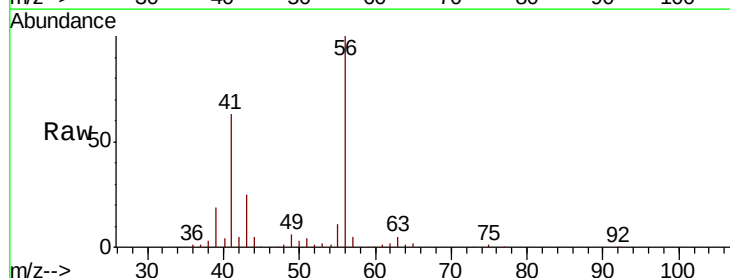
Acq: 29 Jul 2020 12:09

Tgt Ion: 56 Resp: 100102

Ion Ratio Lower Upper

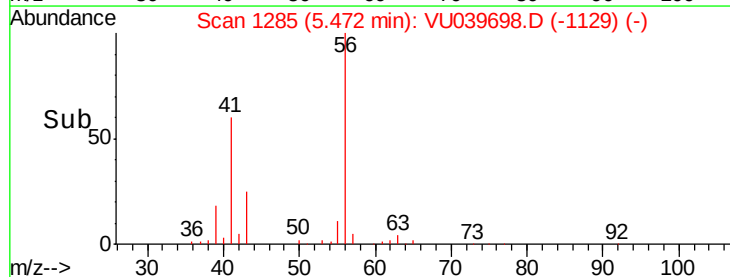
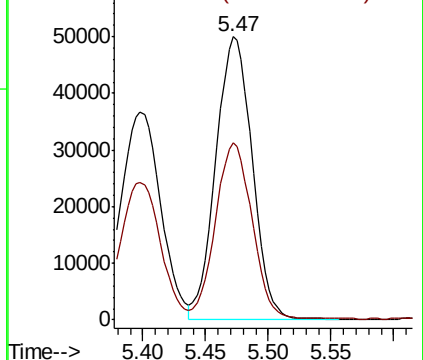
56 100

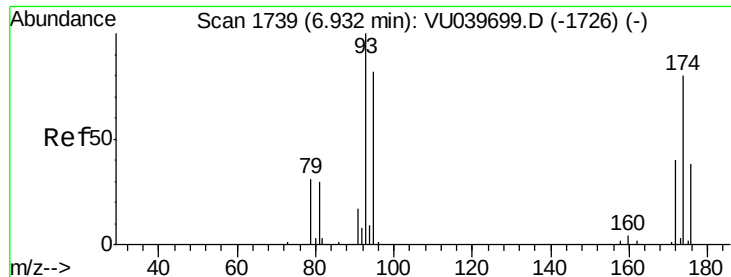
41 61.9 30.5 91.5



Abundance Ion 56.00 (55.70 to 56.70): VU039698.D (-1274) (-)

Ion 41.00 (40.70 to 41.70): VU039698.D (-1274) (-)





#43

Dibromomethane

Concen: 6.263 ug/l

RT: 6.93 min Scan# 1739

Delta R.T. 0.00 min

Lab File: VU039698.D

Acq: 29 Jul 2020 12:09

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

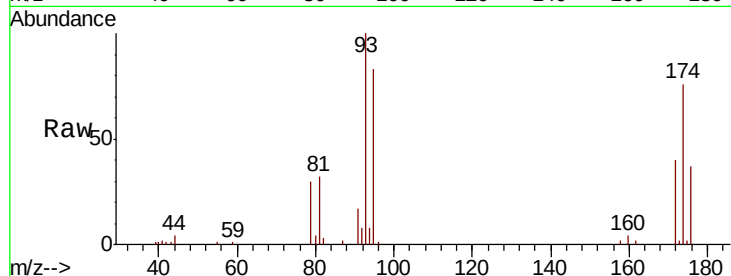
Tot Ion: 93 Resp: 23638

Ion Ratio Lower Upper

93 100

95 82.4 66.6 99.8

174 77.3 62.7 94.1

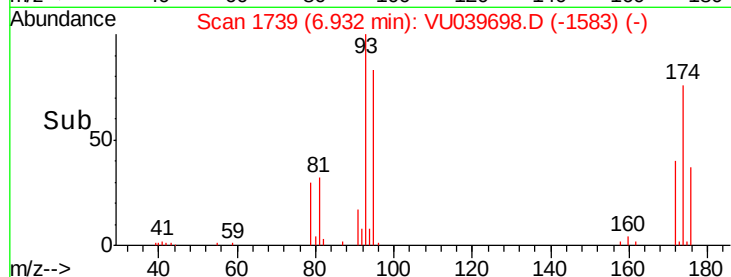


Abundance Ion 93.00 (92.70 to 93.70): VU039699.D (-1726) (-)

Ion 95.00 (94.70 to 95.70): VU039699.D (-1726) (-)

Ion 174.00 (173.70 to 174.70): VU039699.D (-1726) (-)

Time-->

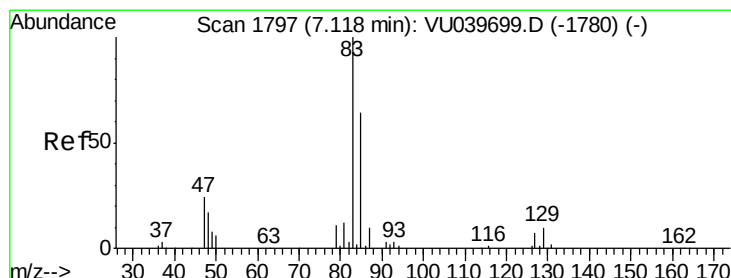


Abundance Ion 93.00 (92.70 to 93.70): VU039698.D (-1583) (-)

Ion 95.00 (94.70 to 95.70): VU039698.D (-1583) (-)

Ion 174.00 (173.70 to 174.70): VU039698.D (-1583) (-)

Time-->



#44

Bromodichloromethane

Concen: 5.857 ug/l

RT: 7.12 min Scan# 1797

Delta R.T. 0.00 min

Lab File: VU039698.D

Acq: 29 Jul 2020 12:09

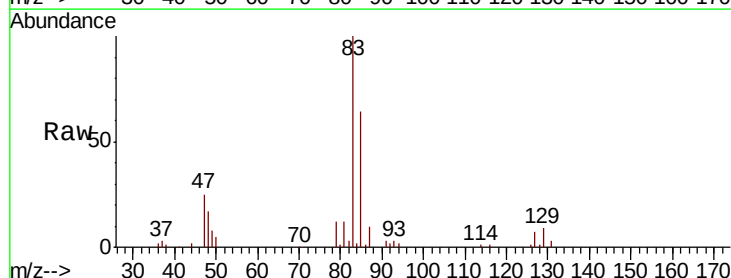
Tgt Ion: 83 Resp: 54948

Ion Ratio Lower Upper

83 100

85 63.9 50.8 76.2

127 7.1 5.8 8.6

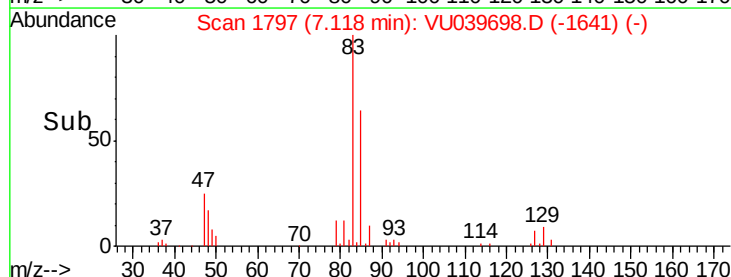


Abundance Ion 83.00 (82.70 to 83.70): VU039699.D (-1780) (-)

Ion 85.00 (84.70 to 85.70): VU039699.D (-1780) (-)

Ion 127.00 (126.70 to 127.70): VU039699.D (-1780) (-)

Time-->

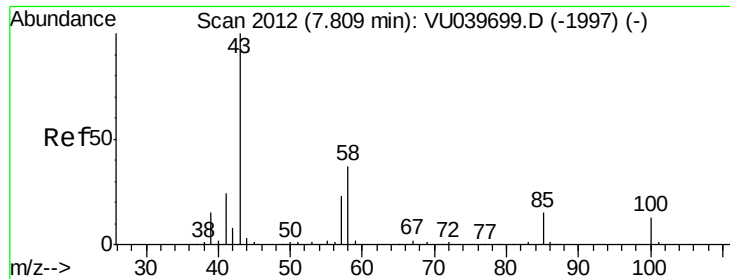


Abundance Ion 83.00 (82.70 to 83.70): VU039698.D (-1641) (-)

Ion 85.00 (84.70 to 85.70): VU039698.D (-1641) (-)

Ion 127.00 (126.70 to 127.70): VU039698.D (-1641) (-)

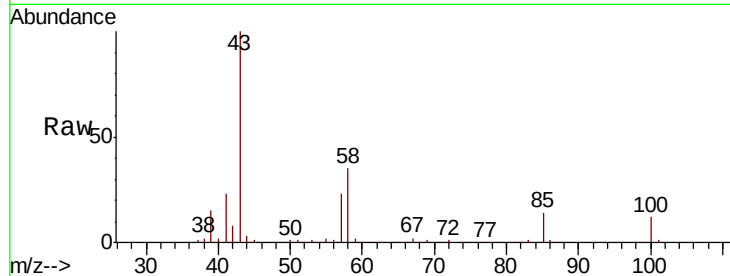
Time-->



#45
4-Methyl-2-Pentanone
Concen: 34.816 ug/l
RT: 7.81 min Scan# 2012
Delta R.T. 0.00 min
Lab File: VU039698.D
Acq: 29 Jul 2020 12:09

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tot Ion	43	Resp	184985
Ion Ratio	Lower	Upper	
43	100		
58	35.2	18.4	55.0
85	14.6	11.8	17.6

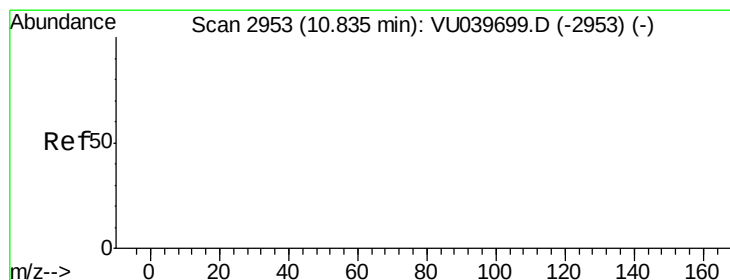
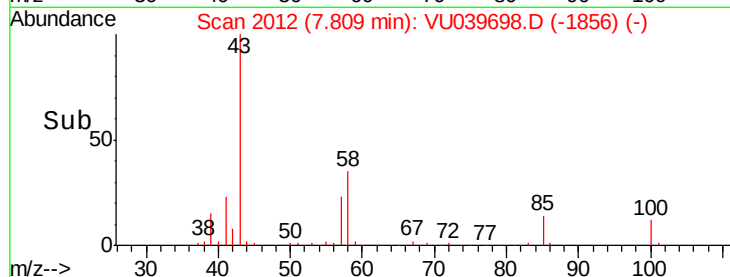
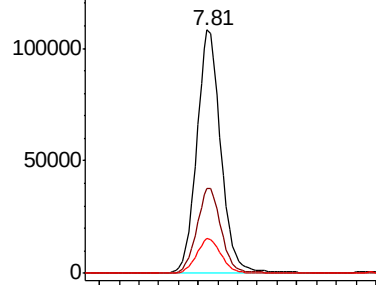


Abundance

Ion 43.00 (42.70 to 43.70): VU0

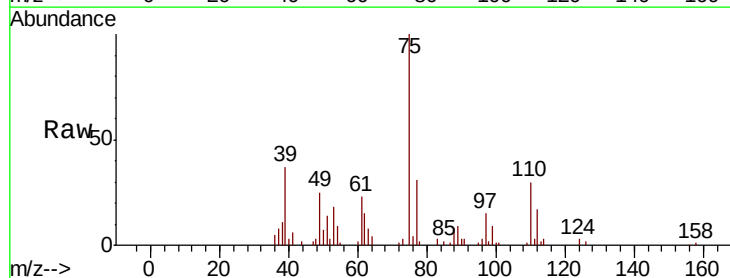
Ion 58.00 (57.70 to 58.70): VU0

Ion 85.00 (84.70 to 85.70): VU0



#46
t-1,4-Dichloro-2-butene
Concen: 34.683 ug/l
RT: 10.83 min Scan# 2951
Delta R.T. -0.01 min
Lab File: VU039698.D
Acq: 29 Jul 2020 12:09

Tgt Ion	75	Resp	56309
Ion Ratio	Lower	Upper	
75	100		
53	40.3	78.6	118.0#
89	20.3	40.3	60.5#
88	16.2	34.0	51.0#



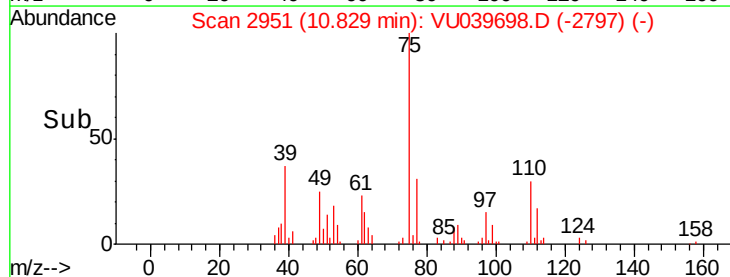
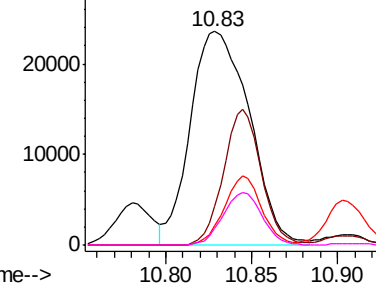
Abundance

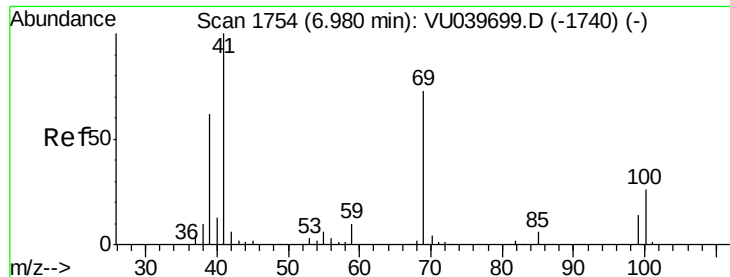
Ion 74.90 (74.60 to 75.60): VU0

Ion 53.00 (52.70 to 53.70): VU0

Ion 88.80 (88.50 to 89.50): VU0

Ion 87.80 (87.50 to 88.50): VU0





#47

Methyl methacrylate

Concen: 11.991 ug/l

RT: 6.98 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VU039698.D

Acq: 29 Jul 2020 12:09

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

Tot Ion: 69 Resp: 45854

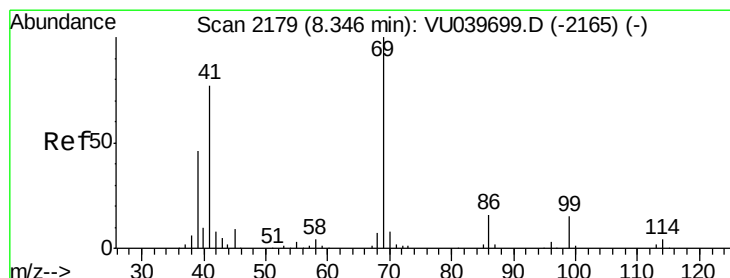
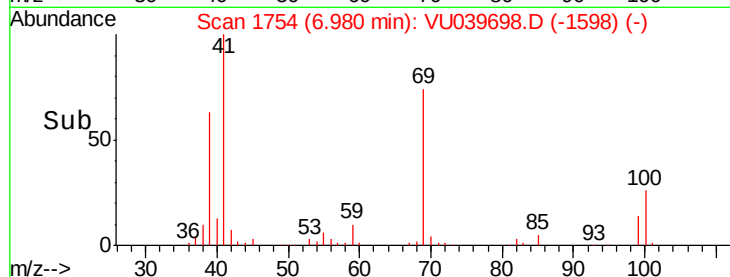
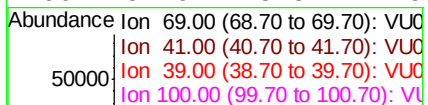
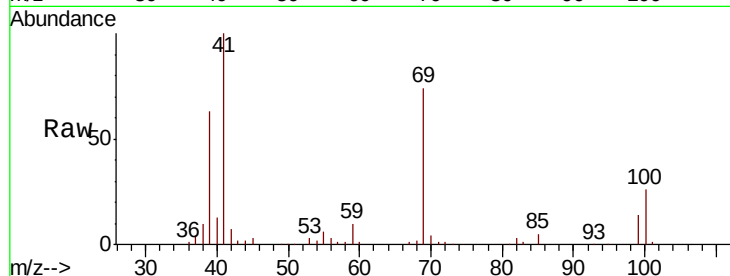
Ion Ratio Lower Upper

69 100

41 136.8 0.0 271.6

39 86.2 67.4 101.2

100 34.6 28.3 42.5



#48

Ethyl methacrylate

Concen: 5.914 ug/l

RT: 8.35 min Scan# 2179

Delta R.T. 0.00 min

Lab File: VU039698.D

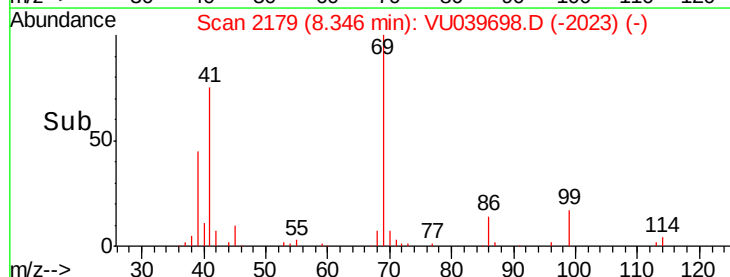
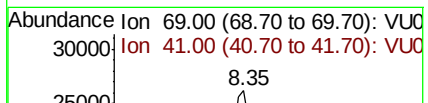
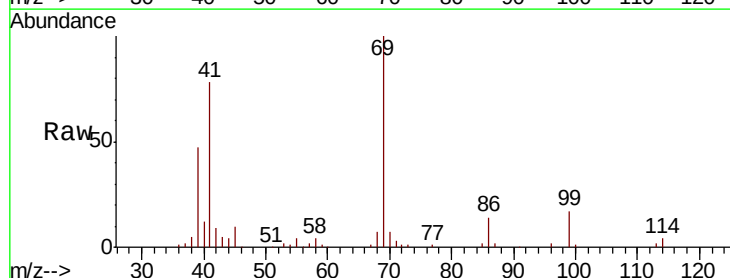
Acq: 29 Jul 2020 12:09

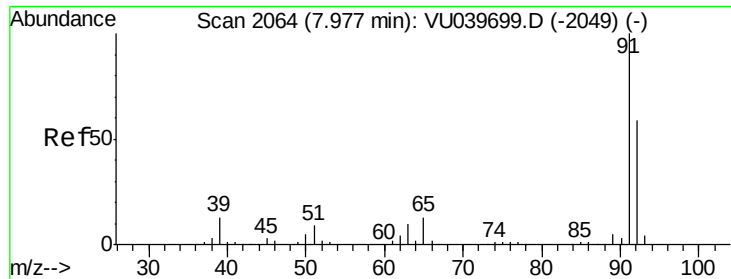
Tgt Ion: 69 Resp: 41629

Ion Ratio Lower Upper

69 100

41 80.8 39.1 117.5





#49

Toluene

Concen: 5.343 ug/l

RT: 7.98 min Scan# 2064

Delta R.T. 0.00 min

Lab File: VU039698.D

Acq: 29 Jul 2020 12:09

Instrument :

MSVOA_U

ClientSampleId :

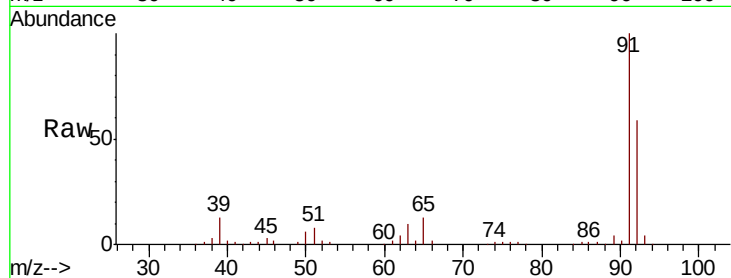
VSTDIC005

Tot Ion: 92 Resp: 98321

Ion Ratio Lower Upper

92 100

91 168.6 136.1 204.1



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

Ion 91.00 (90.70 to 91.70): VU039699.D (-2049) (-)

100000

80000

60000

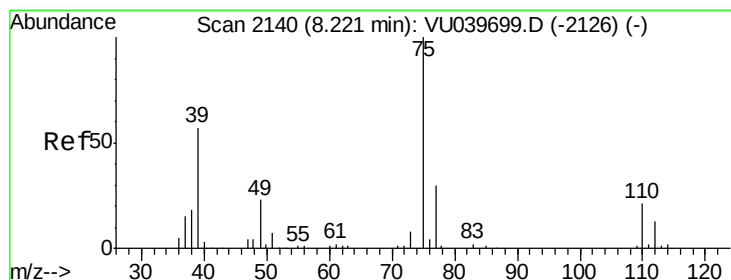
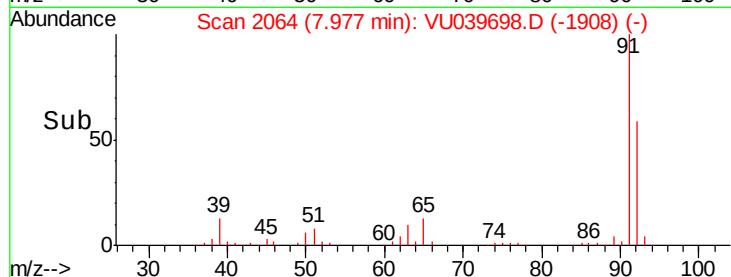
40000

20000

0

7.90 7.95 8.00 8.05

Time-->



#50

t-1,3-Dichloropropene

Concen: 5.448 ug/l

RT: 8.22 min Scan# 2140

Delta R.T. 0.00 min

Lab File: VU039698.D

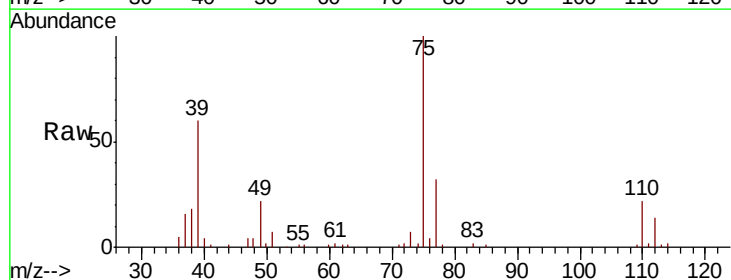
Acq: 29 Jul 2020 12:09

Tgt Ion: 75 Resp: 51494

Ion Ratio Lower Upper

75 100

77 32.0 24.3 36.5



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

Ion 77.00 (76.70 to 77.70): VU039699.D (-2126) (-)

30000

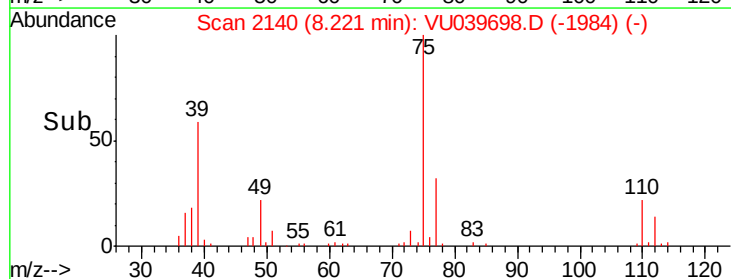
20000

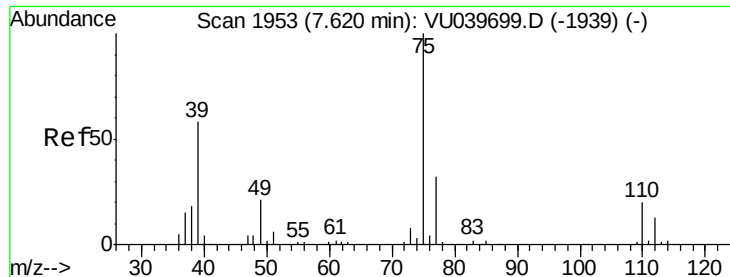
10000

0

8.15 8.20 8.25 8.30

Time-->



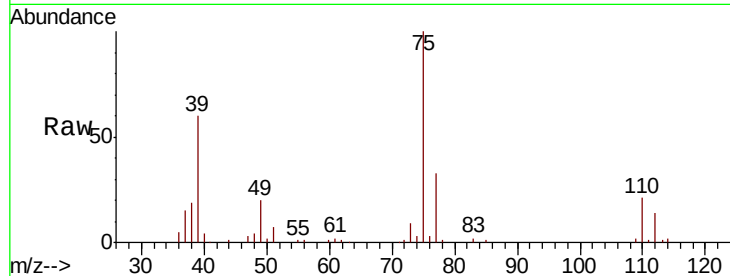


#51

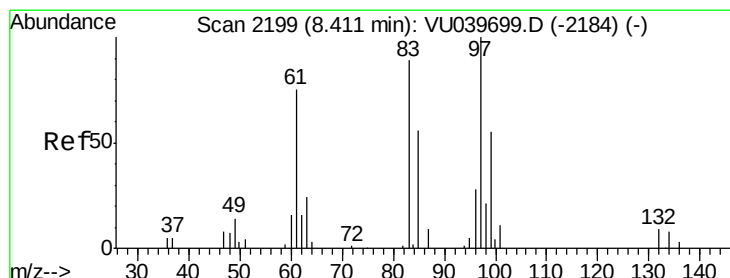
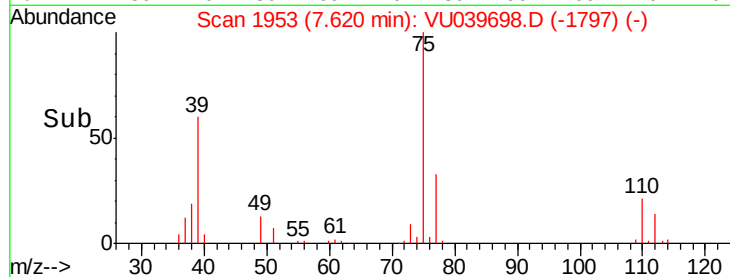
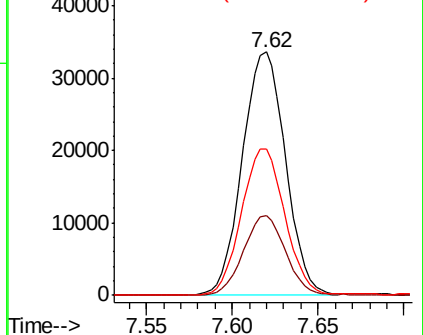
cis-1,3-Dichloropropene
 Concen: 5.205 ug/l
 RT: 7.62 min Scan# 1953
 Delta R.T. 0.00 min
 Lab File: VU039698.D
 Acq: 29 Jul 2020 12:09

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Tot Ion: 75 Resp: 58488
 Ion Ratio Lower Upper
 75 100
 77 33.0 25.7 38.5
 39 60.2 46.1 69.1



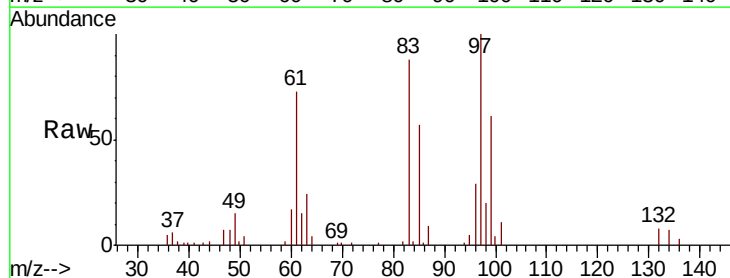
Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 77.00 (76.70 to 77.70): VU0
 Ion 39.00 (38.70 to 39.70): VU0



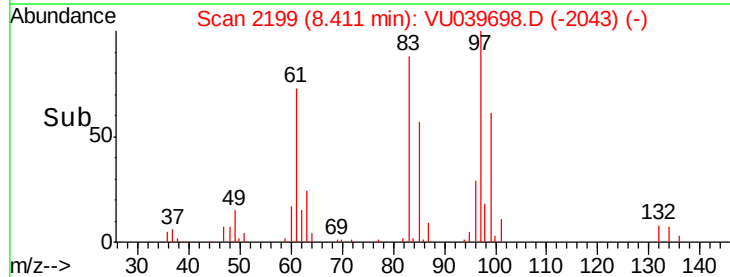
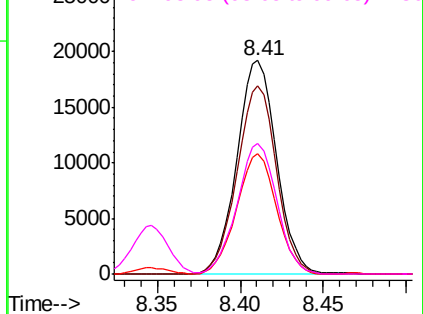
#52

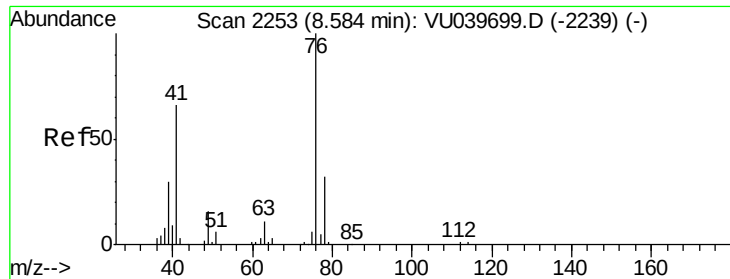
1,1,2-Trichloroethane
 Concen: 6.063 ug/l
 RT: 8.41 min Scan# 2199
 Delta R.T. 0.00 min
 Lab File: VU039698.D
 Acq: 29 Jul 2020 12:09

Tgt Ion: 97 Resp: 31990
 Ion Ratio Lower Upper
 97 100
 83 88.2 71.3 106.9
 85 56.5 45.4 68.2
 99 61.0 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: 5.881 ug/l

RT: 8.58 min Scan# 2253

Delta R.T. 0.00 min

Lab File: VU039698.D

Acq: 29 Jul 2020 12:09

Instrument :

MSVOA_U

ClientSampleId :

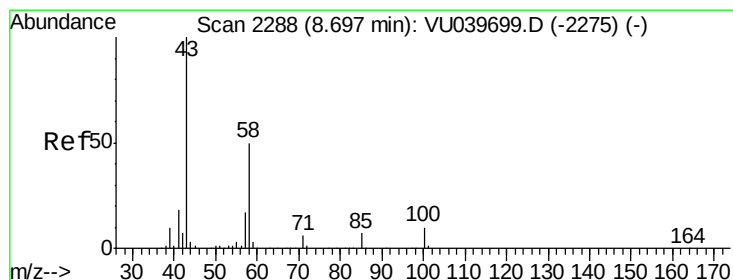
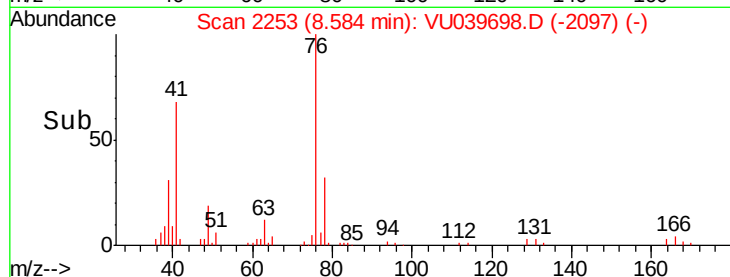
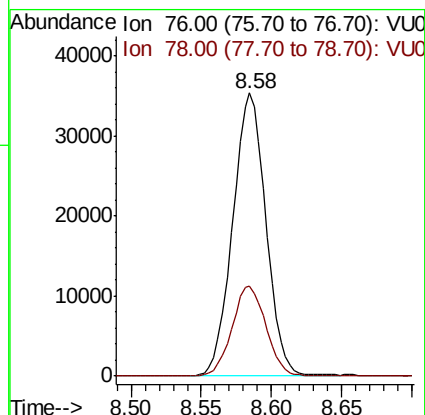
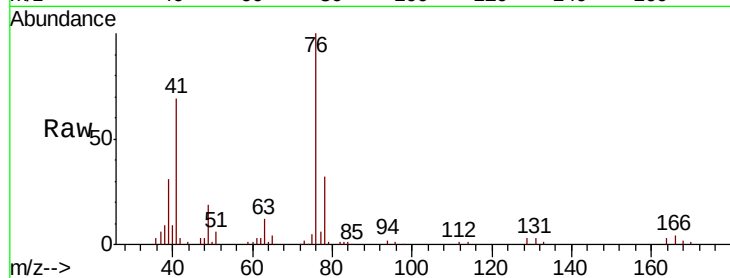
VSTDIC005

Tot Ion: 76 Resp: 58385

Ion Ratio Lower Upper

76 100

78 32.2 25.4 38.2



#54

2-Hexanone

Concen: 35.155 ug/l

RT: 8.70 min Scan# 2288

Delta R.T. 0.00 min

Lab File: VU039698.D

Acq: 29 Jul 2020 12:09

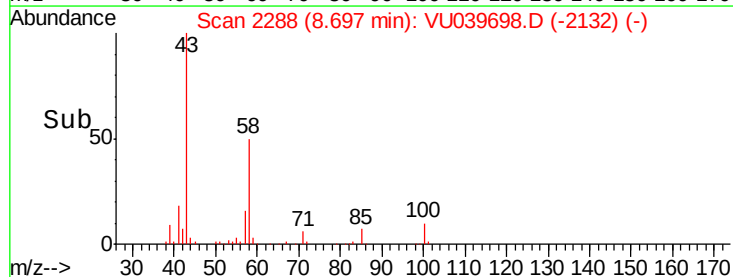
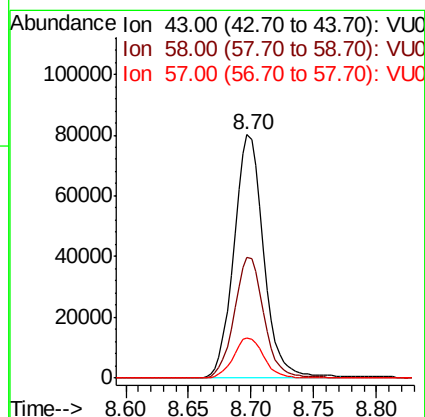
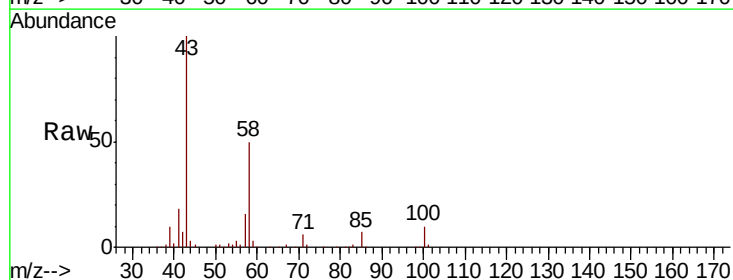
Tgt Ion: 43 Resp: 132453

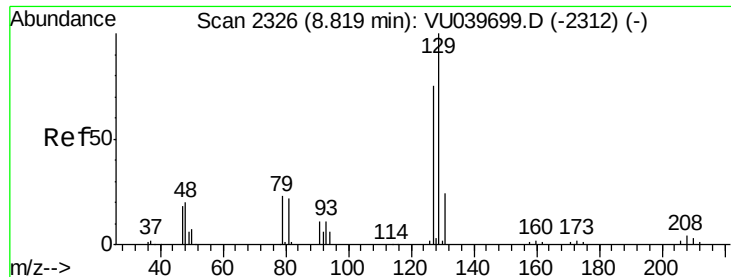
Ion Ratio Lower Upper

43 100

58 49.3 29.9 69.9

57 17.0 0.0 37.2

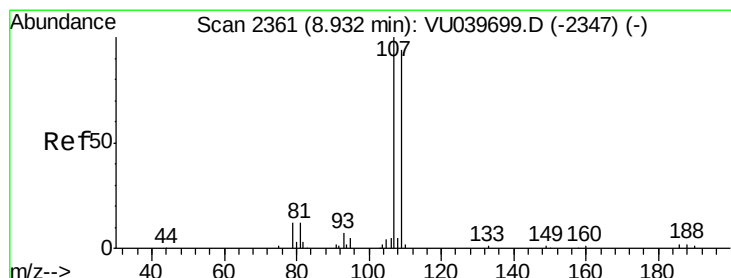
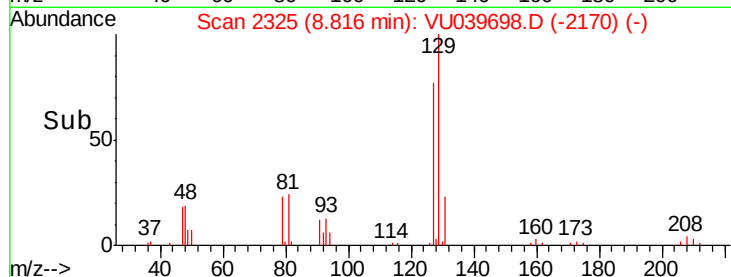
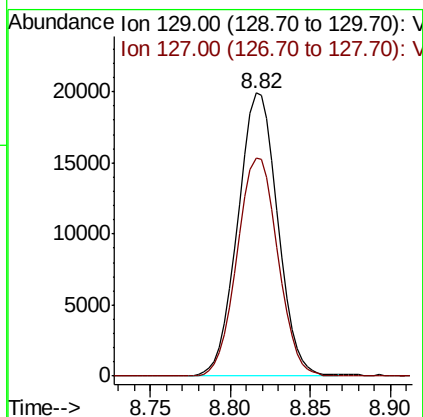
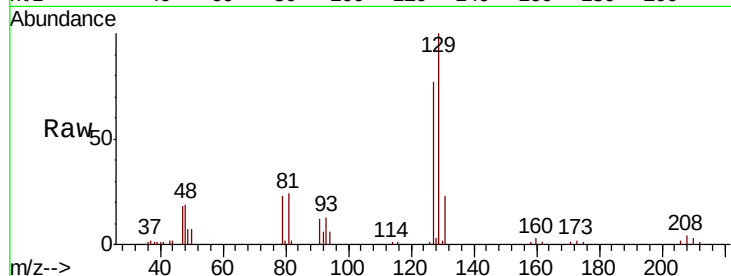




#55
 Dibromochloromethane
 Concen: 5.789 ug/l
 RT: 8.82 min Scan# 2325
 Delta R.T. -0.00 min
 Lab File: VU039698.D
 Acq: 29 Jul 2020 12:09

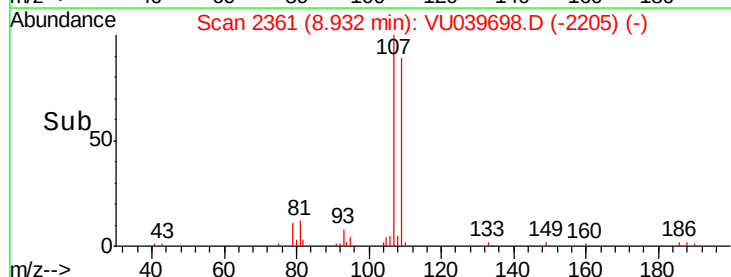
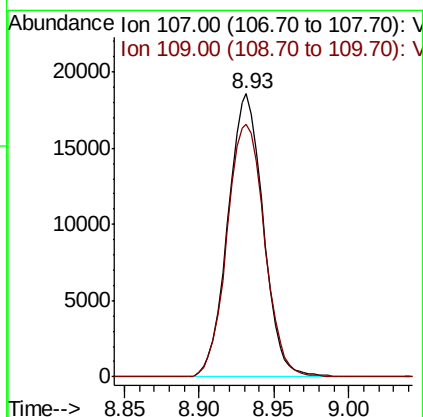
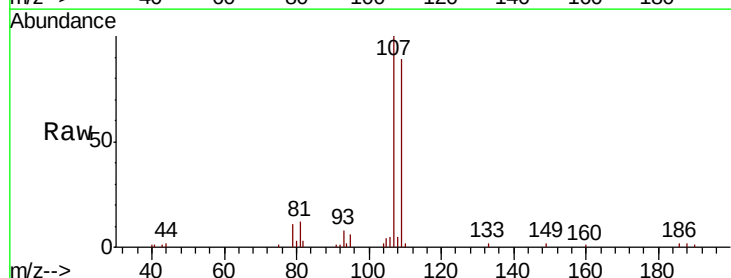
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

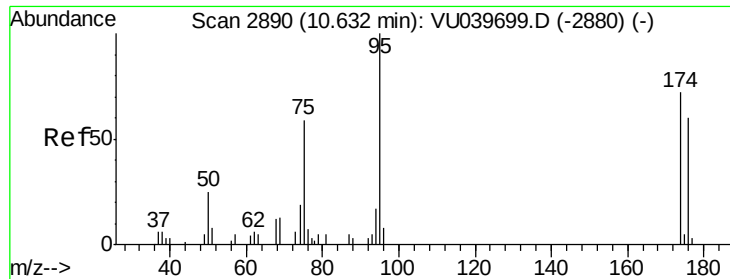
Tot Ion:129 Resp: 33807
 Ion Ratio Lower Upper
 129 100
 127 78.7 62.4 93.6



#56
 1,2-Dibromoethane
 Concen: 6.088 ug/l
 RT: 8.93 min Scan# 2361
 Delta R.T. 0.00 min
 Lab File: VU039698.D
 Acq: 29 Jul 2020 12:09

Tgt Ion:107 Resp: 30538
 Ion Ratio Lower Upper
 107 100
 109 94.8 0.0 185.2

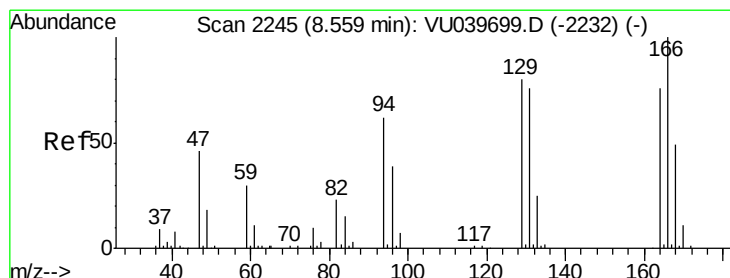
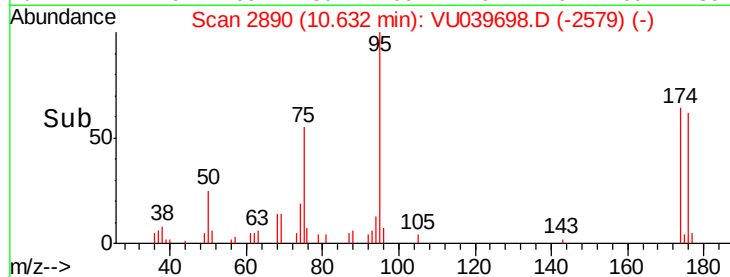
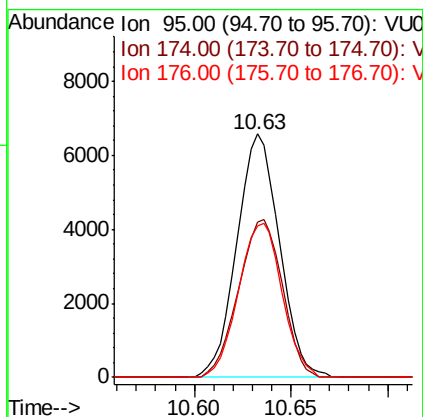
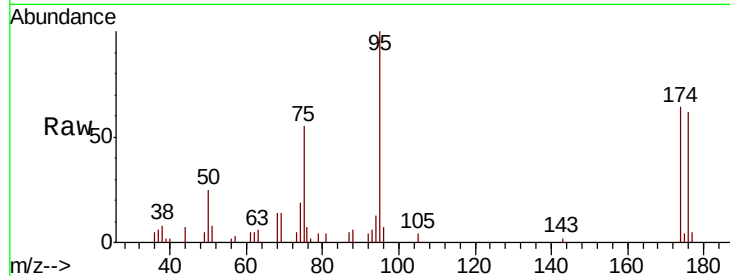




#57
4-Bromofluorobenzene
Concen: 1.053 ug/l
RT: 10.63 min Scan# 2890
Delta R.T. 0.00 min
Lab File: VU039698.D
Acq: 29 Jul 2020 12:09

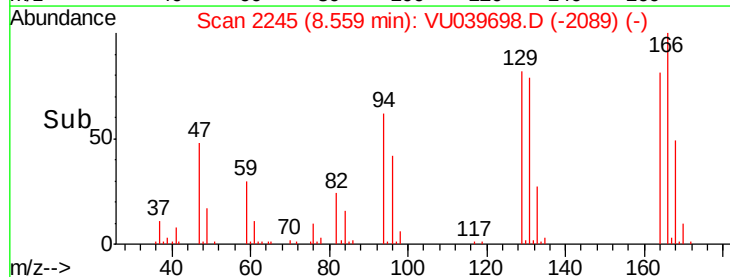
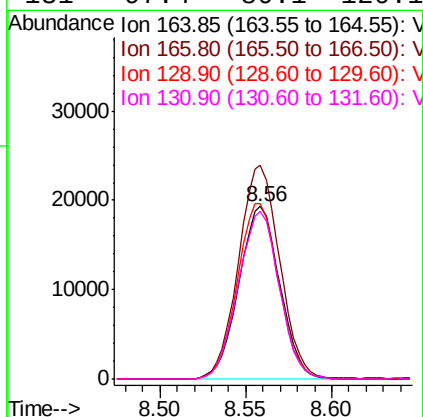
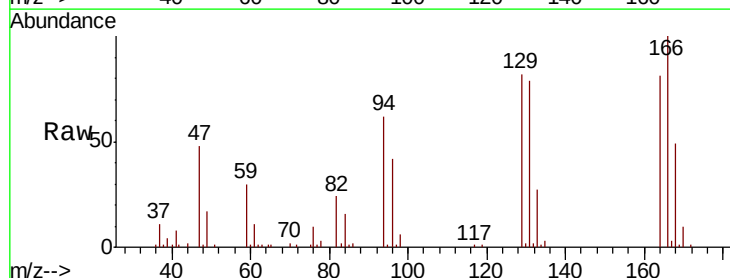
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

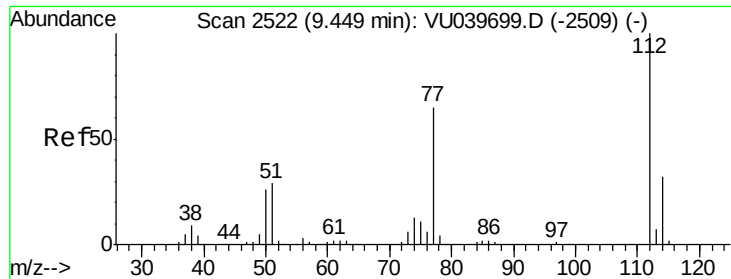
Tot Ion: 95 Resp: 10078
Ion Ratio Lower Upper
95 100
174 66.7 57.0 85.4
176 64.8 50.2 75.2



#58
Tetrachloroethene
Concen: 4.607 ug/l
RT: 8.56 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VU039698.D
Acq: 29 Jul 2020 12:09

Tgt Ion: 164 Resp: 31860
Ion Ratio Lower Upper
164 100
166 123.7 104.8 157.2
129 101.7 84.1 126.1
131 97.4 80.1 120.1





#59

Chlorobenzene

Concen: 5.081 ug/l

RT: 9.45 min Scan# 2523

Delta R.T. 0.00 min

Lab File: VU039698.D

Acq: 29 Jul 2020 12:09

Instrument :

MSVOA_U

ClientSampleId :

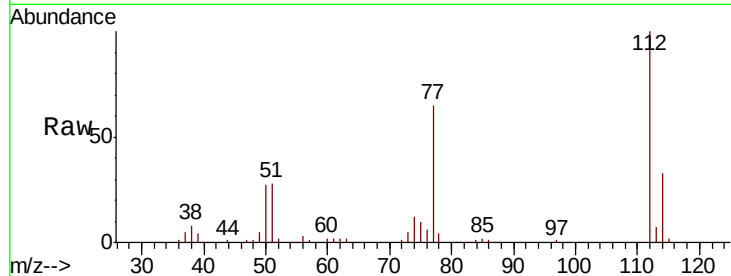
VSTDIC005

Tot Ion:112 Resp: 98886

Ion Ratio Lower Upper

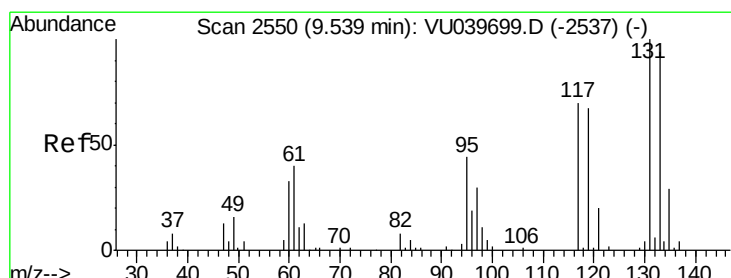
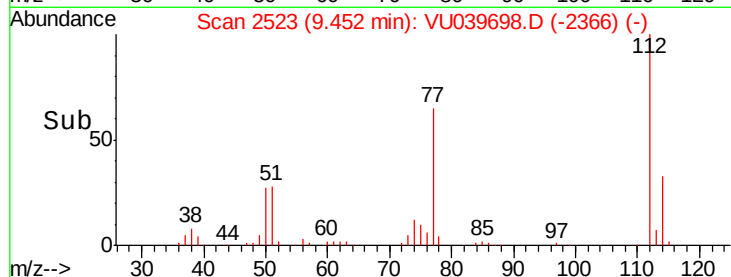
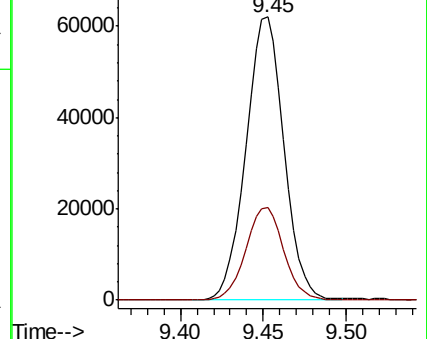
112 100

114 32.6 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: 5.718 ug/l

RT: 9.54 min Scan# 2550

Delta R.T. 0.00 min

Lab File: VU039698.D

Acq: 29 Jul 2020 12:09

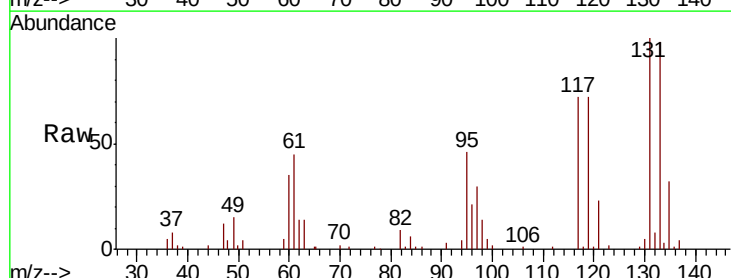
Tgt Ion:131 Resp: 34254

Ion Ratio Lower Upper

131 100

133 93.6 75.8 113.8

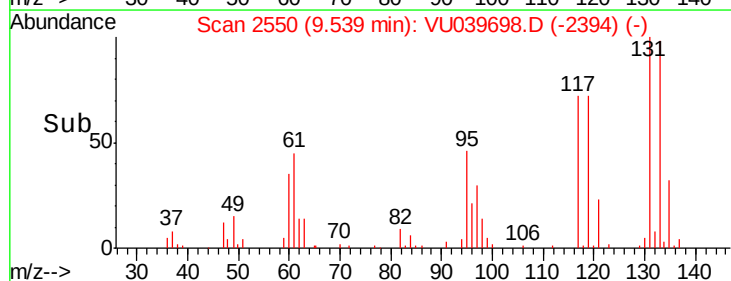
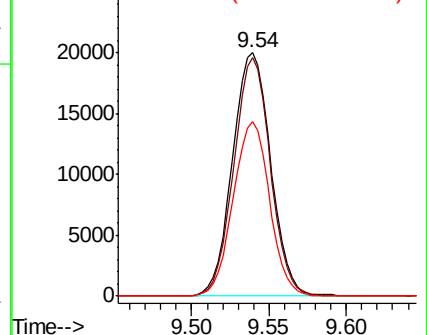
119 68.4 54.6 81.8

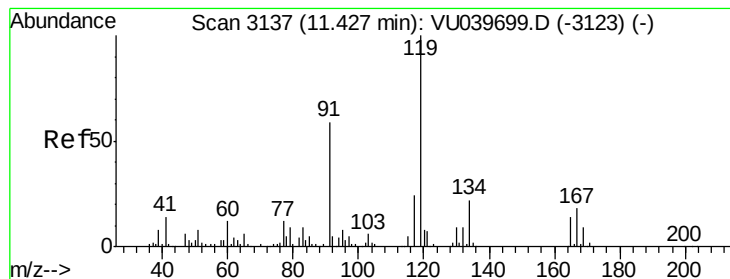


Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V





#61

Pentachloroethane

Concen: 6.615 ug/l

RT: 11.43 min Scan# 3137

Delta R.T. 0.00 min

Lab File: VU039698.D

Acq: 29 Jul 2020 12:09

Instrument :

MSVOA_U

ClientSampleId :

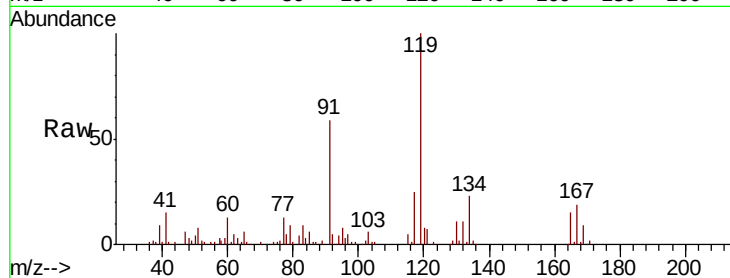
VSTDIC005

Tot Ion:117 Resp: 30675

Ion Ratio Lower Upper

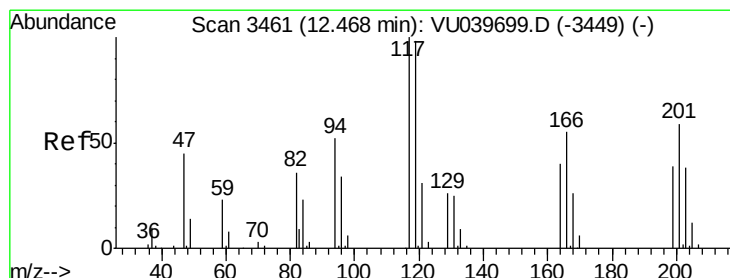
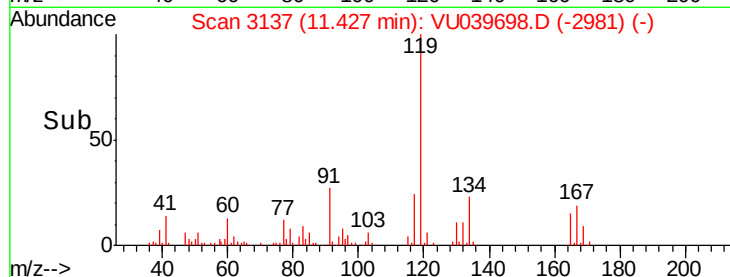
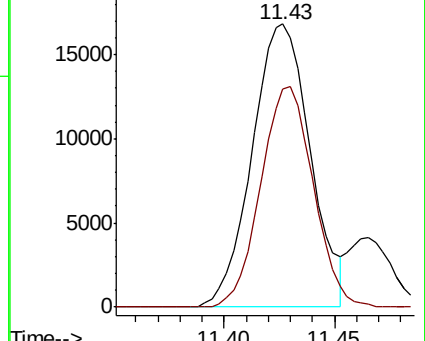
117 100

167 70.3 56.6 85.0



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 166.70 (166.40 to 167.40): V



#62

Hexachloroethane

Concen: 6.014 ug/l

RT: 12.47 min Scan# 3462

Delta R.T. 0.00 min

Lab File: VU039698.D

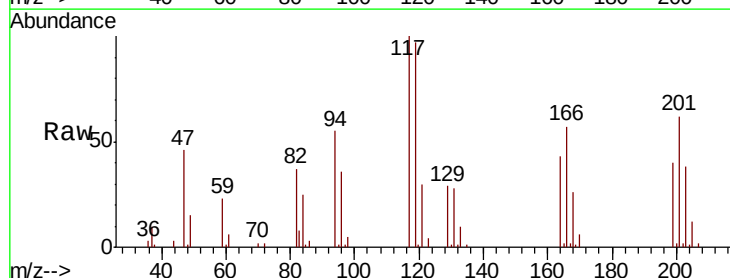
Acq: 29 Jul 2020 12:09

Tgt Ion:117 Resp: 28569

Ion Ratio Lower Upper

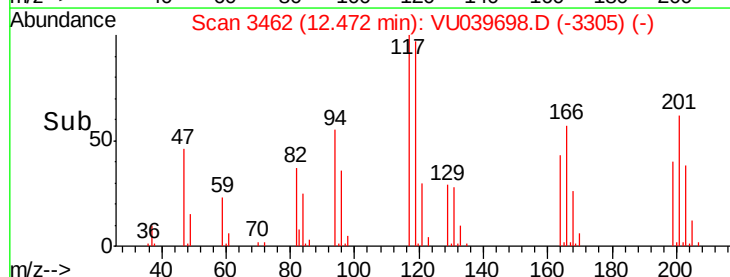
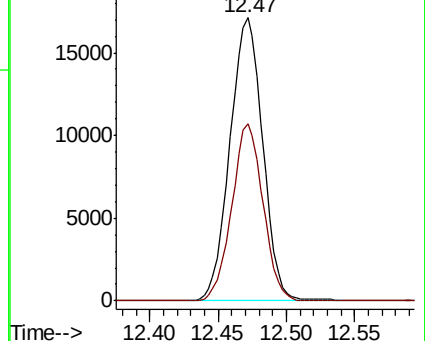
117 100

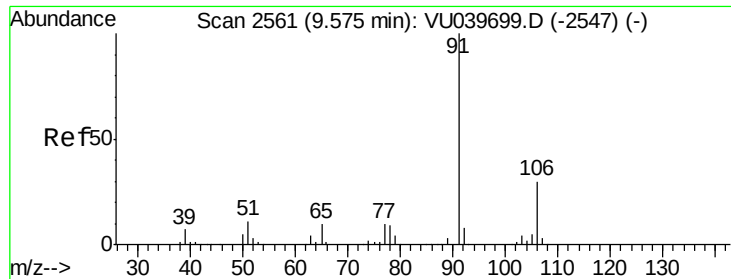
201 59.2 48.1 72.1



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.60 (200.30 to 201.30): V

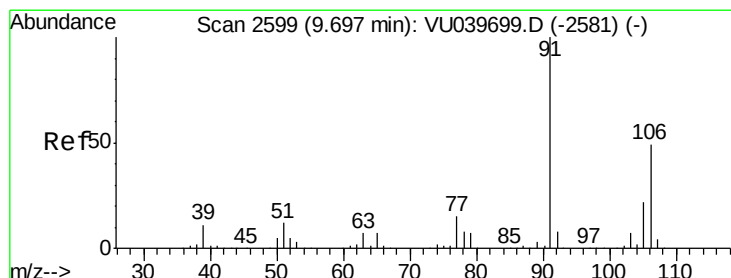
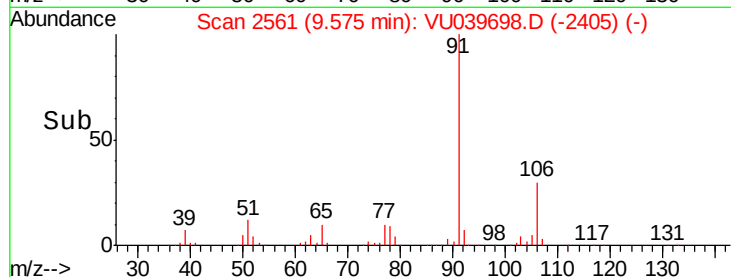
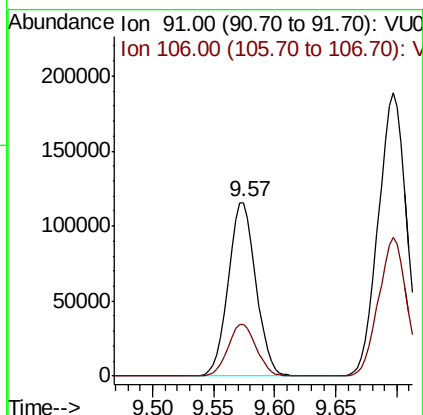
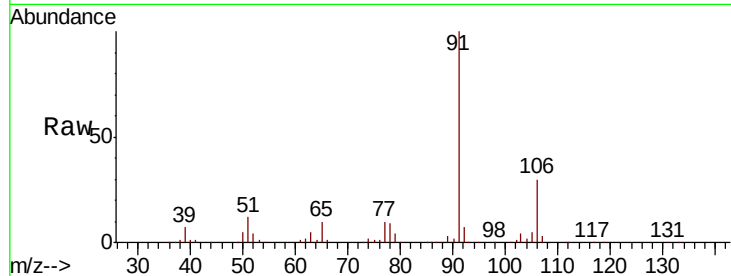




#63
Ethyl Benzene
Concen: 5.284 ug/l
RT: 9.57 min Scan# 2561
Delta R.T. 0.00 min
Lab File: VU039698.D
Acq: 29 Jul 2020 12:09

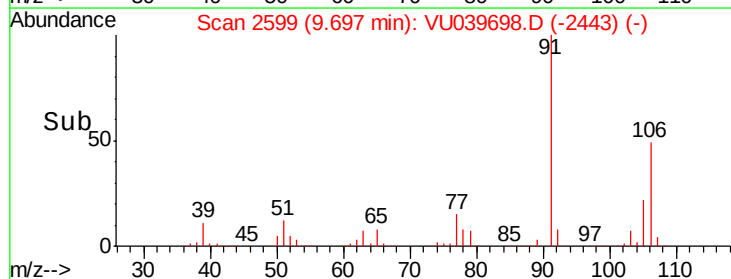
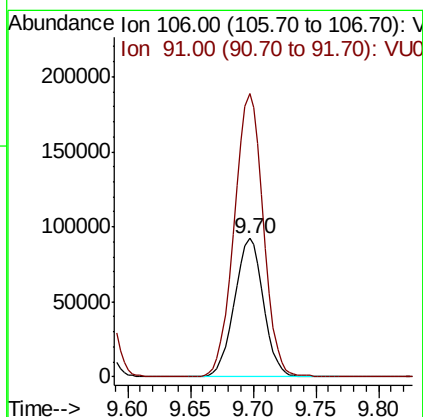
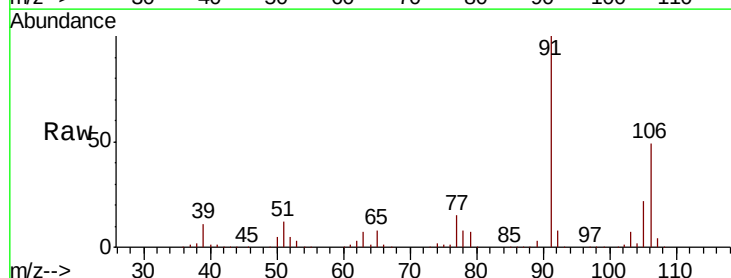
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

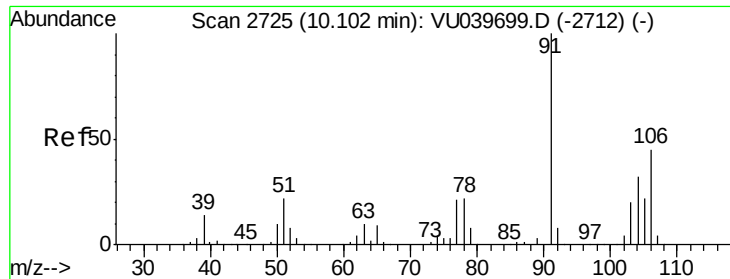
Tot Ion: 91 Resp: 184161
Ion Ratio Lower Upper
91 100
106 29.9 24.2 36.4



#64
m/p-Xylenes
Concen: 11.000 ug/l
RT: 9.70 min Scan# 2599
Delta R.T. 0.00 min
Lab File: VU039698.D
Acq: 29 Jul 2020 12:09

Tgt Ion: 106 Resp: 148040
Ion Ratio Lower Upper
106 100
91 204.2 163.9 245.9

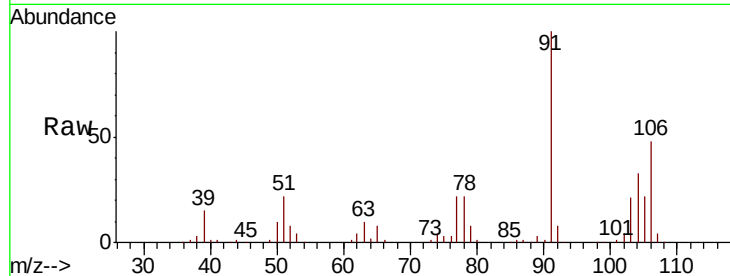




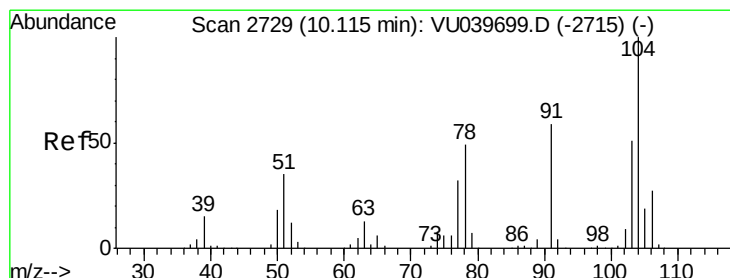
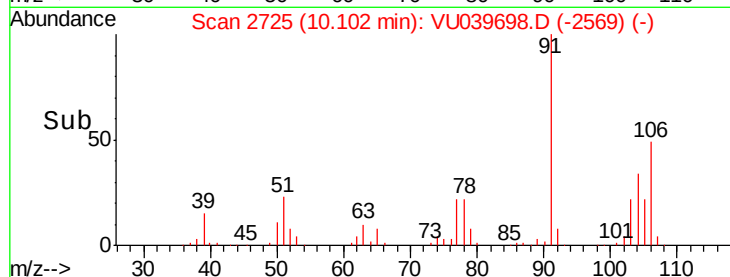
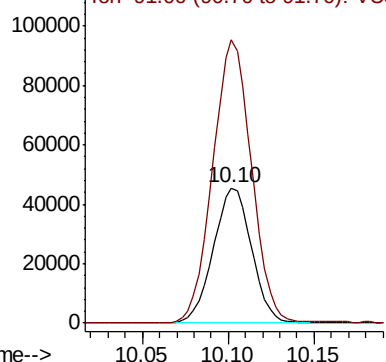
#65
o-Xylene
Concen: 5.396 ug/l
RT: 10.10 min Scan# 2725
Delta R.T. 0.00 min
Lab File: VU039698.D
Acq: 29 Jul 2020 12:09

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tot Ion:106 Resp: 70391
Ion Ratio Lower Upper
106 100
91 213.4 110.3 331.0

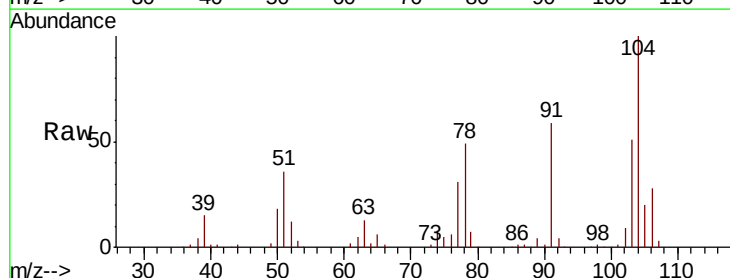


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

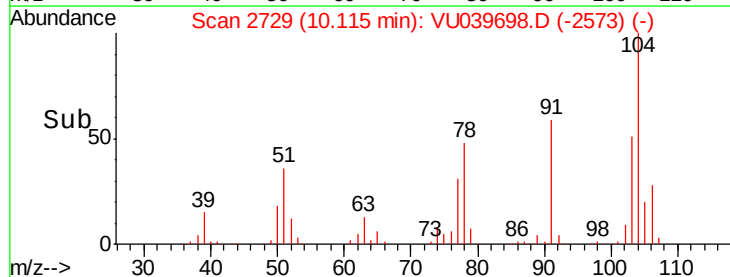
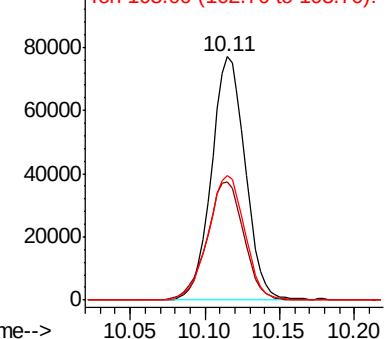


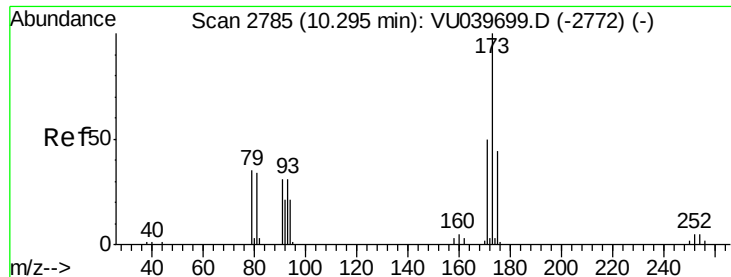
#66
Styrene
Concen: 5.590 ug/l
RT: 10.11 min Scan# 2729
Delta R.T. 0.00 min
Lab File: VU039698.D
Acq: 29 Jul 2020 12:09

Tgt Ion:104 Resp: 121128
Ion Ratio Lower Upper
104 100
78 53.1 42.2 63.4
103 55.5 43.4 65.2



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





#67

Bromoform

Concen: 5.897 ug/l

RT: 10.29 min Scan# 2784

Delta R.T. -0.00 min

Lab File: VU039698.D

Acq: 29 Jul 2020 12:09

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

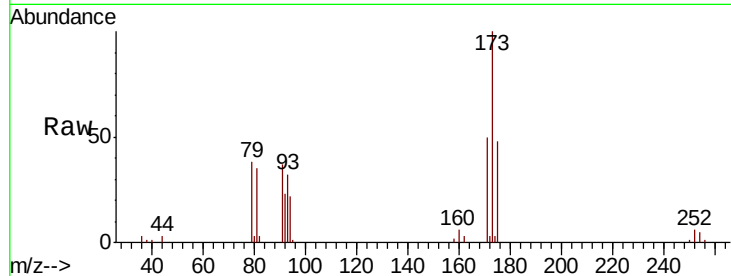
Tot Ion:173 Resp: 18094

Ion Ratio Lower Upper

173 100

175 49.1 36.7 55.1

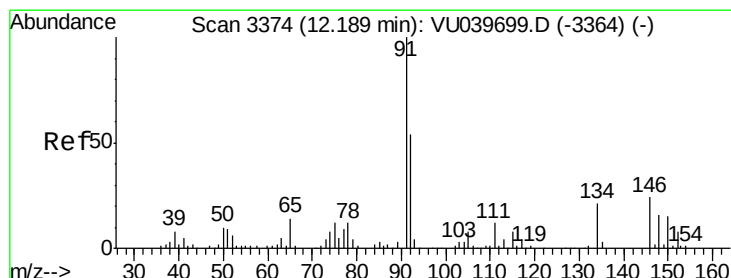
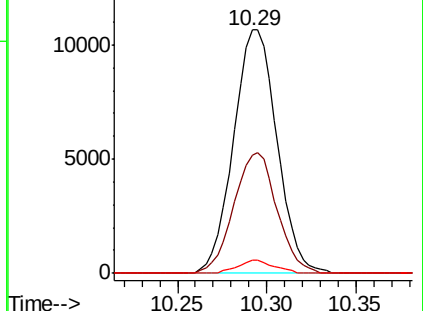
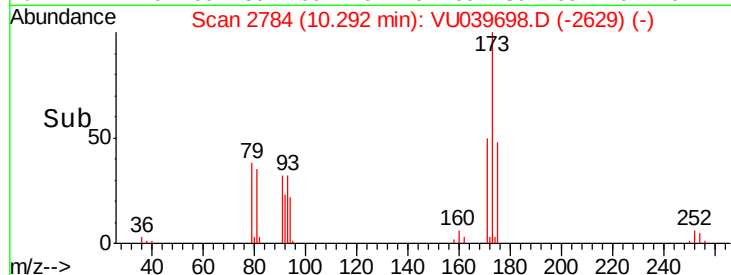
254 4.5 3.8 5.8



Abundance Ion 172.90 (172.60 to 173.60): V

Ion 174.90 (174.60 to 175.60): V

Ion 253.75 (253.45 to 254.45): V



#68

1,2-Dichlorobenzene-d4

Concen: 1.047 ug/l

RT: 12.19 min Scan# 3374

Delta R.T. 0.00 min

Lab File: VU039698.D

Acq: 29 Jul 2020 12:09

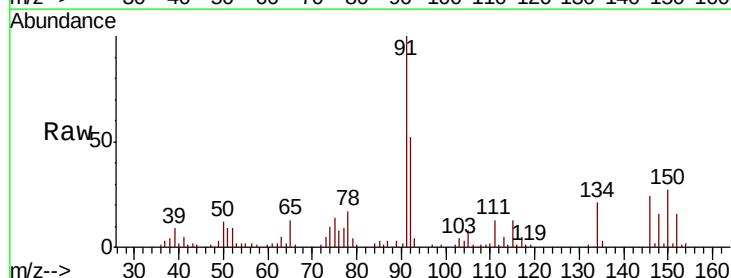
Tgt Ion:152 Resp: 9748

Ion Ratio Lower Upper

152 100

115 110.7 0.0 302.4

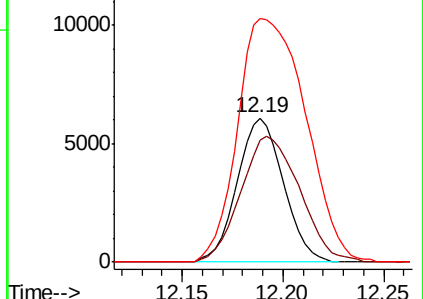
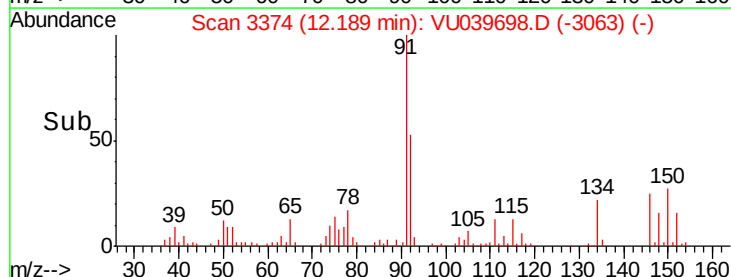
150 247.3 0.0 645.8

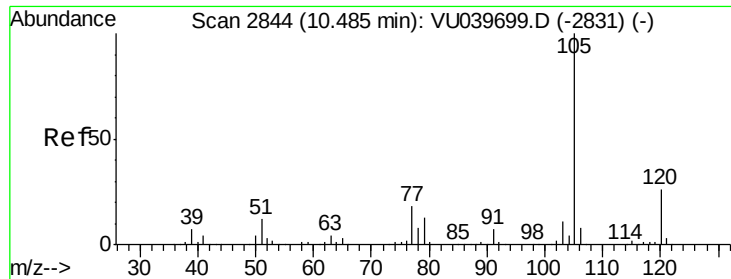


Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V





#69

Isopropylbenzene

Concen: 5.341 ug/l

RT: 10.48 min Scan# 2844

Delta R.T. 0.00 min

Lab File: VU039698.D

Acq: 29 Jul 2020 12:09

Instrument :

MSVOA_U

ClientSampleId :

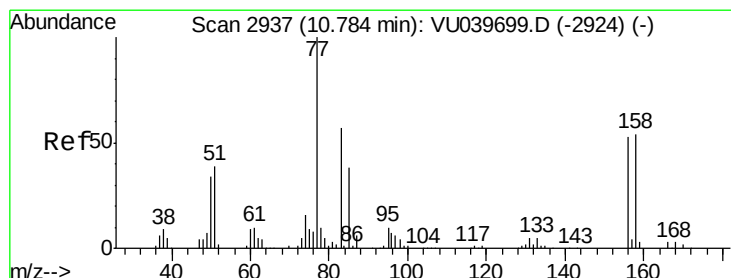
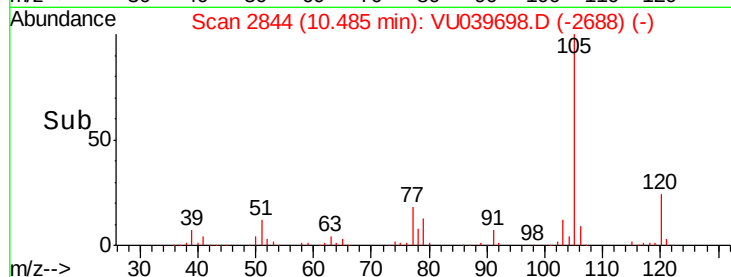
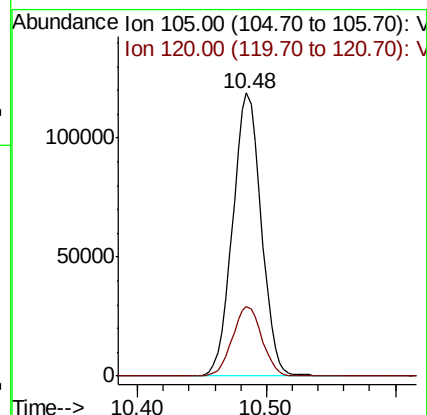
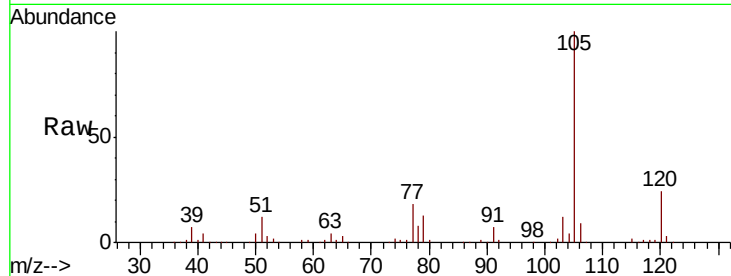
VSTDIC005

Tot Ion:105 Resp: 182326

Ion Ratio Lower Upper

105 100

120 25.5 12.8 38.4



#70

1,1,2,2-Tetrachloroethane

Concen: 6.618 ug/l

RT: 10.78 min Scan# 2937

Delta R.T. 0.00 min

Lab File: VU039698.D

Acq: 29 Jul 2020 12:09

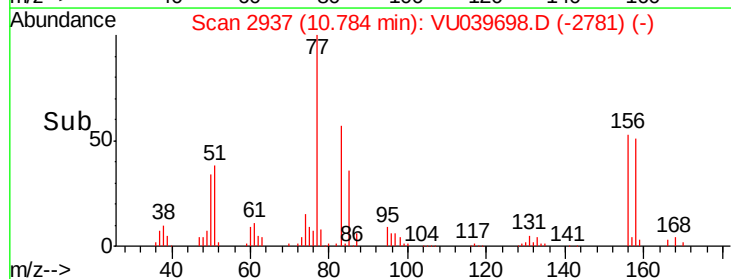
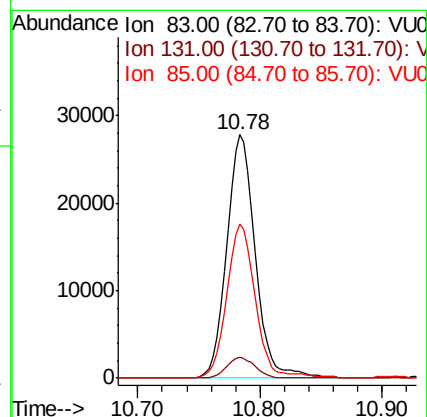
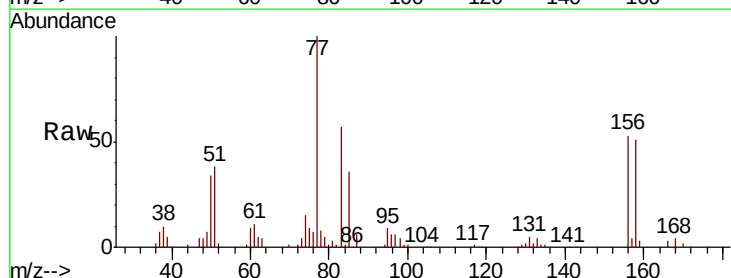
Tgt Ion: 83 Resp: 45901

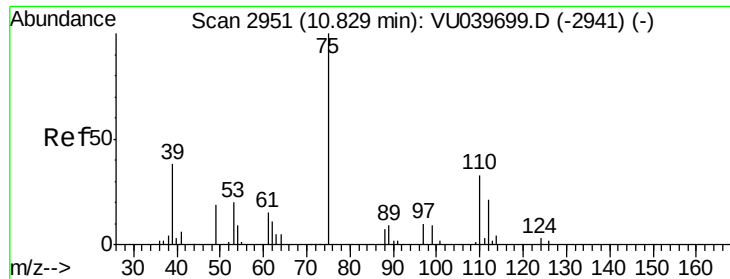
Ion Ratio Lower Upper

83 100

131 8.4 7.0 10.6

85 63.5 50.6 75.8

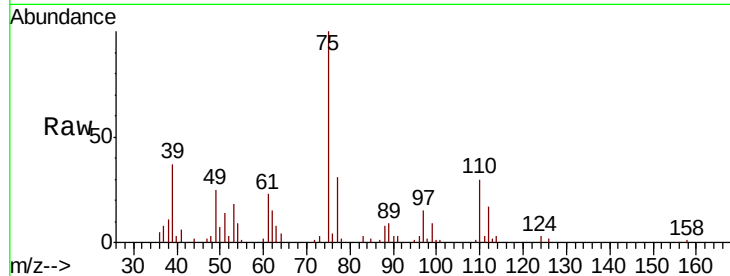




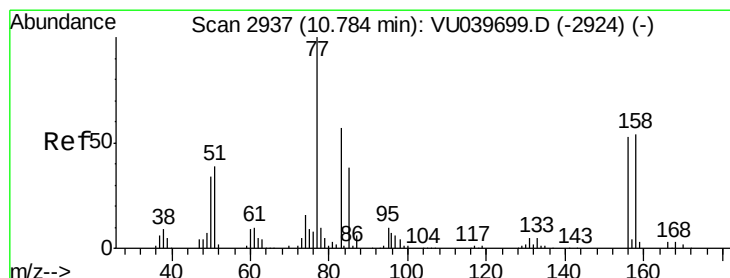
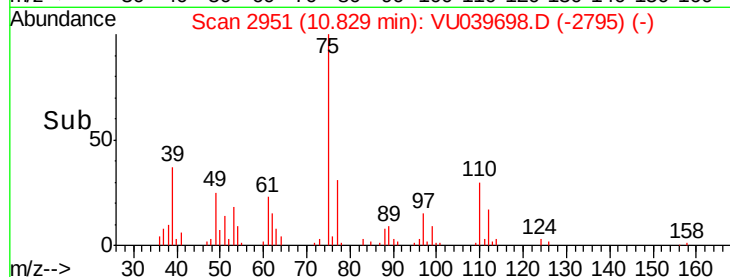
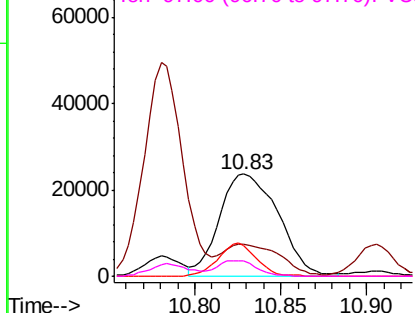
#71
 1,2,3-Trichloropropane
 Concen: 10.756 ug/l
 RT: 10.83 min Scan# 2951
 Delta R.T. 0.00 min
 Lab File: VU039698.D
 Acq: 29 Jul 2020 12:09

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Tot Ion:	75	Resp:	56309
Ion	Ratio	Lower	Upper
75	100		
77	29.1	0.0	91.0
110	21.1	0.0	64.2
97	10.6	0.0	32.6

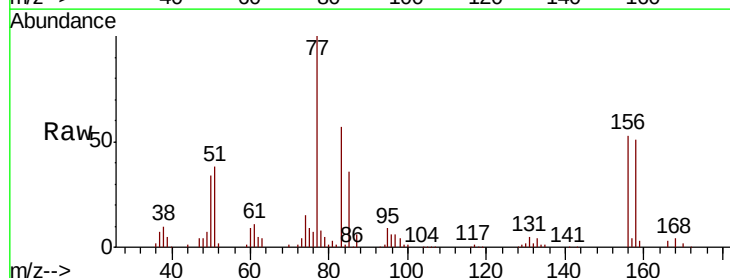


Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 77.00 (76.70 to 77.70): VU0
 Ion 110.00 (109.70 to 110.70): V
 Ion 97.00 (96.70 to 97.70): VU0

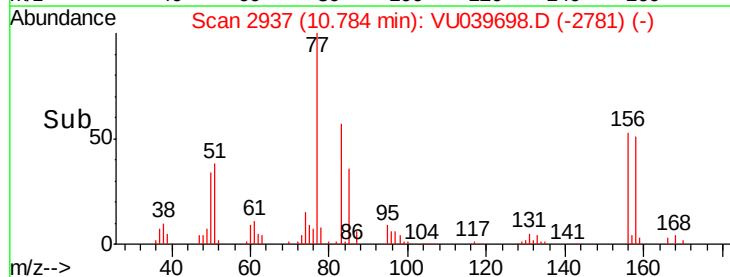
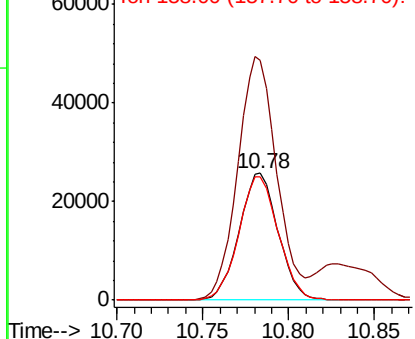


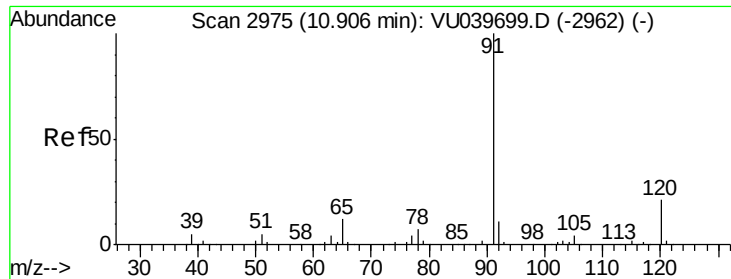
#72
 Bromobenzene
 Concen: 5.341 ug/l
 RT: 10.78 min Scan# 2937
 Delta R.T. 0.00 min
 Lab File: VU039698.D
 Acq: 29 Jul 2020 12:09

Tgt Ion:	156	Resp:	40533
Ion	Ratio	Lower	Upper
156	100		
77	192.4	0.0	385.2
158	99.1	0.0	200.8



Abundance Ion 156.00 (155.70 to 156.70): V
 Ion 77.00 (76.70 to 77.70): VU0
 Ion 158.00 (157.70 to 158.70): V





#73

n-propylbenzene

Concen: 5.546 ug/l

RT: 10.91 min Scan# 2975

Delta R.T. 0.00 min

Lab File: VU039698.D

Acq: 29 Jul 2020 12:09

Instrument :

MSVOA_U

ClientSampleId :

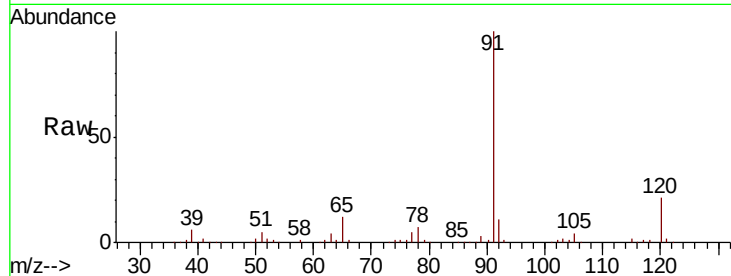
VSTDIC005

Tot Ion:120 Resp: 52067

Ion Ratio Lower Upper

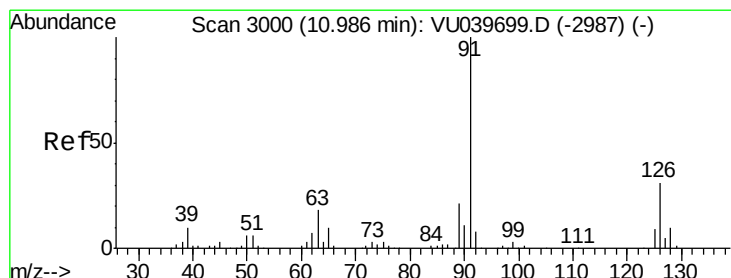
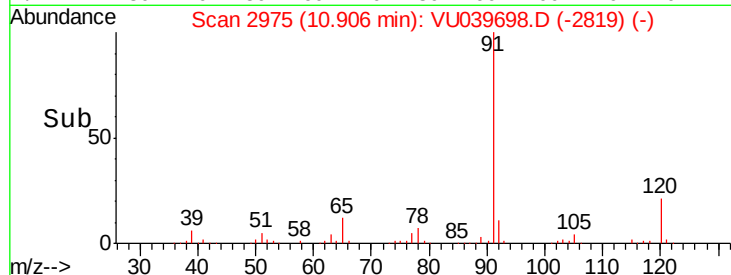
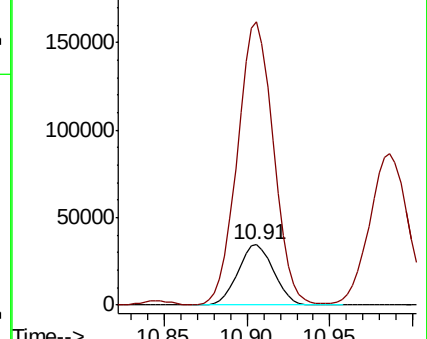
120 100

91 467.4 371.7 557.5



Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0



#74

2-Chlorotoluene

Concen: 5.409 ug/l

RT: 10.99 min Scan# 3000

Delta R.T. 0.00 min

Lab File: VU039698.D

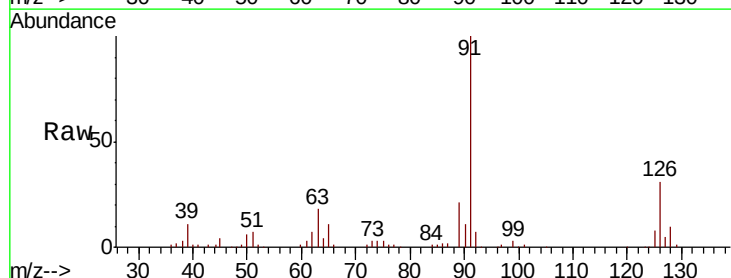
Acq: 29 Jul 2020 12:09

Tgt Ion:126 Resp: 42648

Ion Ratio Lower Upper

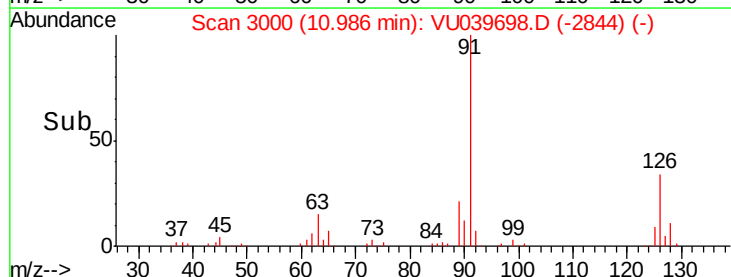
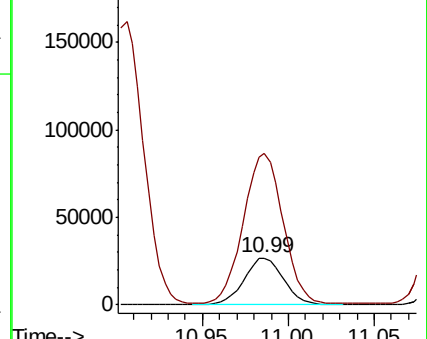
126 100

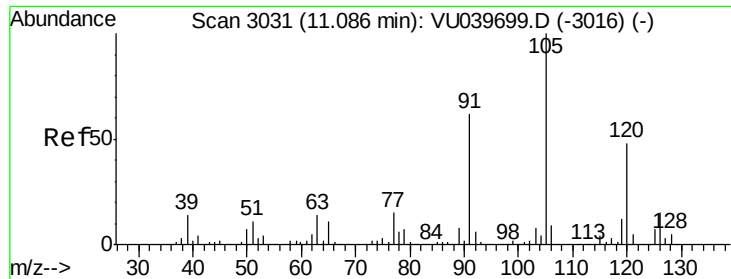
91 320.9 0.0 637.0



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: 5.774 ug/l

RT: 11.09 min Scan# 3031

Delta R.T. 0.00 min

Lab File: VU039698.D

Acq: 29 Jul 2020 12:09

Instrument :

MSVOA_U

ClientSampleId :

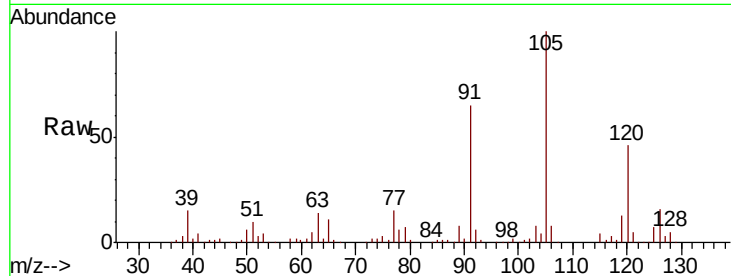
VSTDIC005

Tot Ion:105 Resp: 165313

Ion Ratio Lower Upper

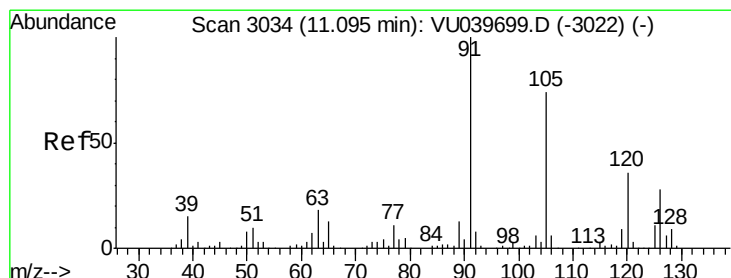
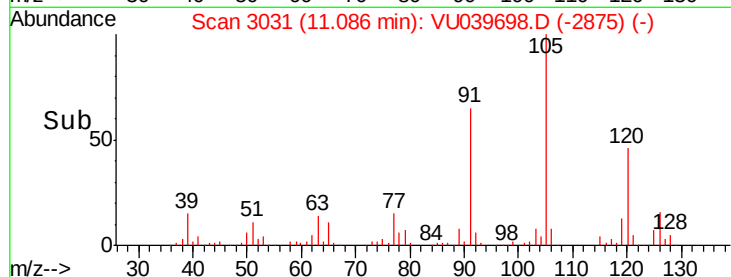
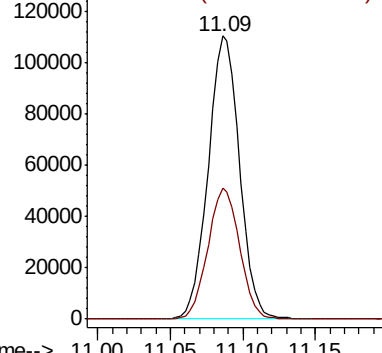
105 100

120 47.0 38.0 57.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#76

4-Chlorotoluene

Concen: 5.554 ug/l

RT: 11.10 min Scan# 3034

Delta R.T. 0.00 min

Lab File: VU039698.D

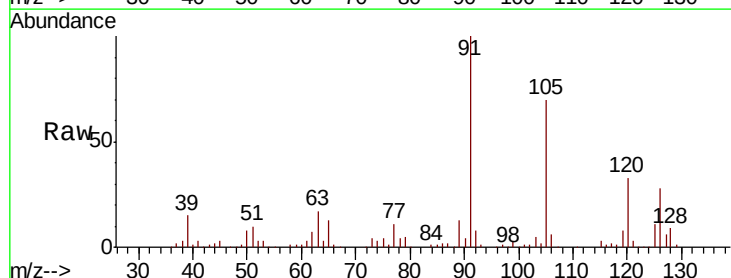
Acq: 29 Jul 2020 12:09

Tgt Ion:126 Resp: 45598

Ion Ratio Lower Upper

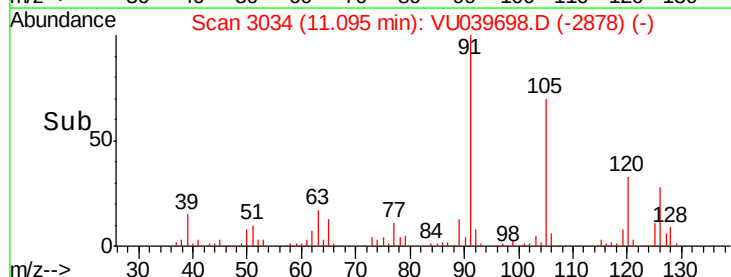
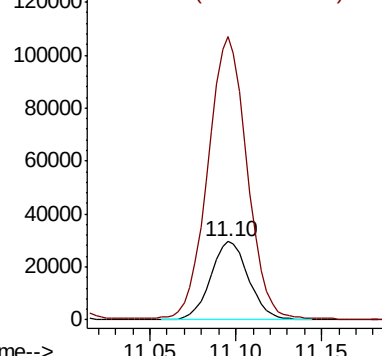
126 100

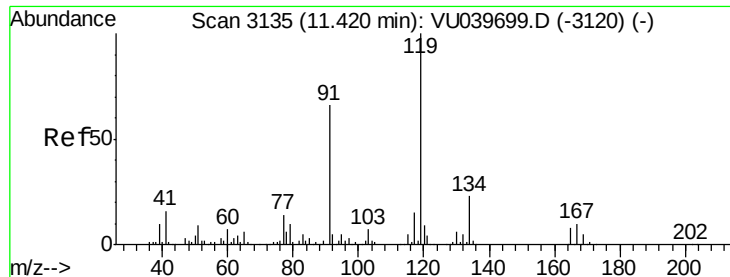
91 370.4 0.0 732.2



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0





#77

tert-Butylbenzene

Concen: 5.620 ug/l

RT: 11.42 min Scan# 3134

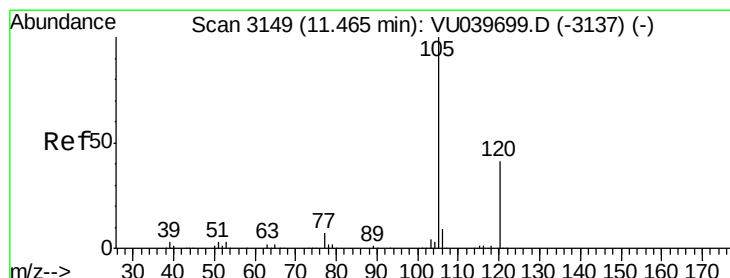
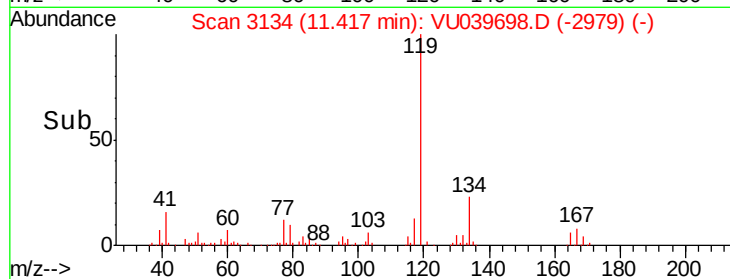
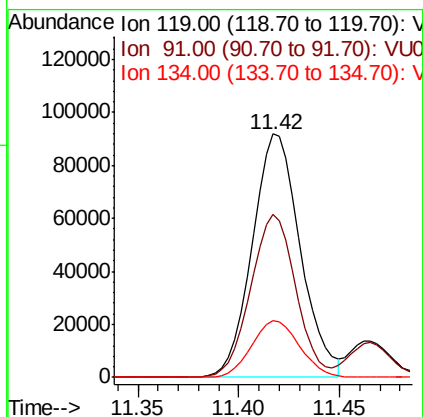
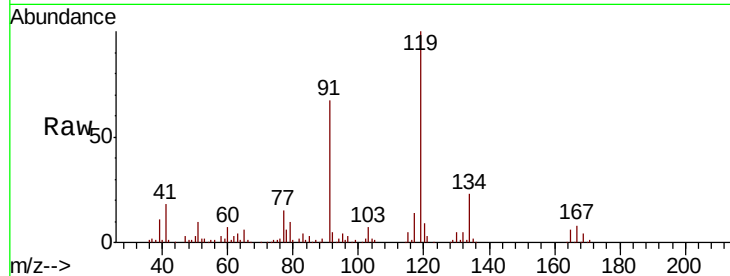
Delta R.T. -0.00 min

Lab File: VU039698.D

Acq: 29 Jul 2020 12:09

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
119	100		
91	63.1	31.9	95.5
134	23.2	18.2	27.4



#78

1,2,4-Trimethylbenzene

Concen: 5.730 ug/l

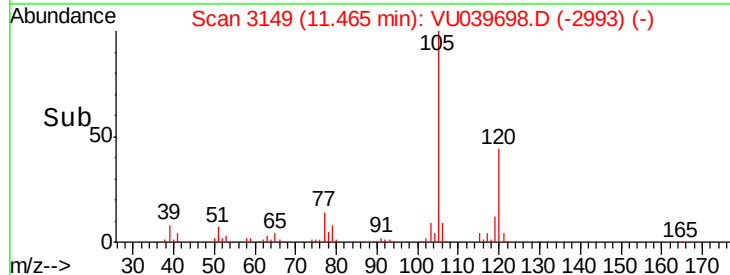
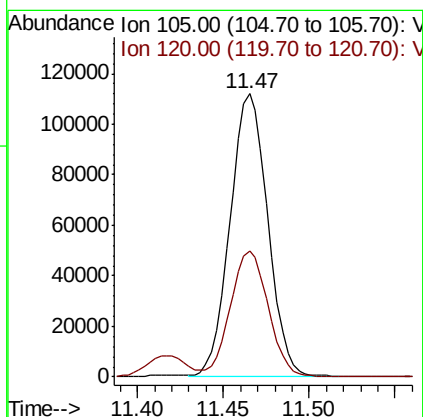
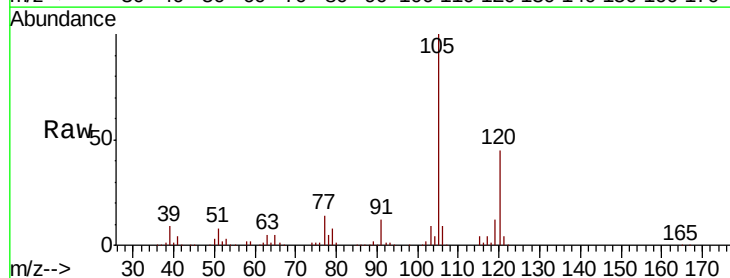
RT: 11.47 min Scan# 3149

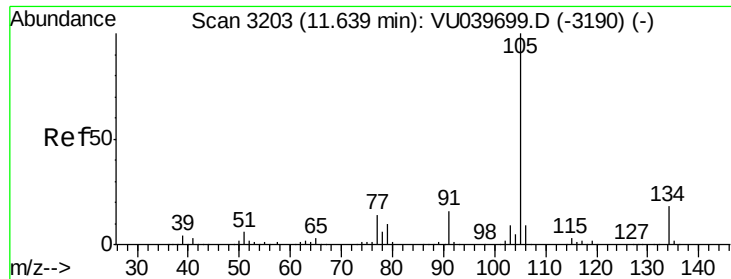
Delta R.T. 0.00 min

Lab File: VU039698.D

Acq: 29 Jul 2020 12:09

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.2	22.7	68.0





#79

sec-Butylbenzene

Concen: 5.627 ug/l

RT: 11.64 min Scan# 3204

Delta R.T. 0.00 min

Lab File: VU039698.D

Acq: 29 Jul 2020 12:09

Instrument :

MSVOA_U

ClientSampleId :

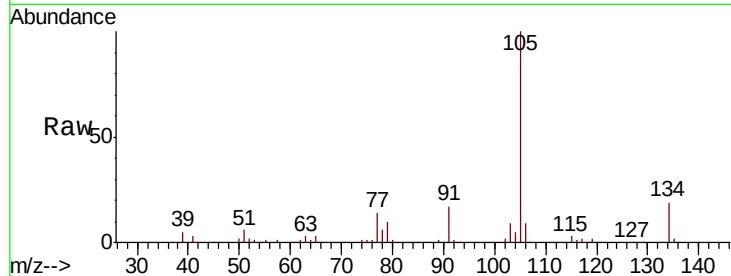
VSTDIC005

Tot Ion:105 Resp: 218689

Ion Ratio Lower Upper

105 100

134 18.7 14.8 22.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.64

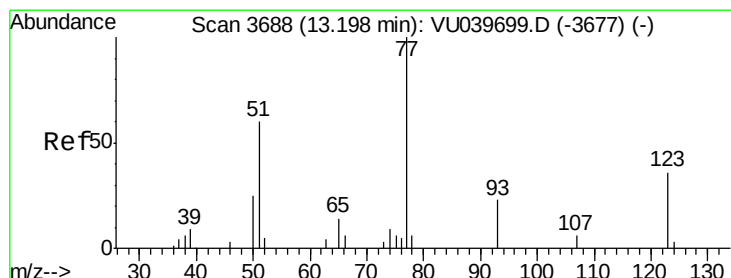
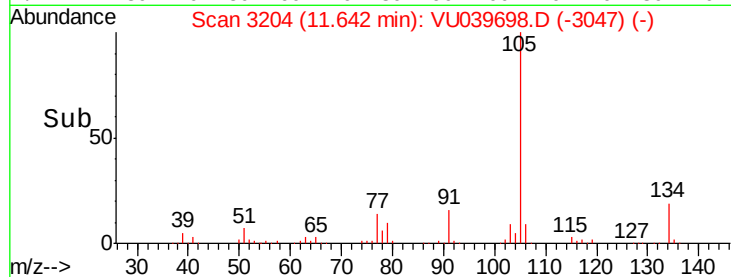
150000

100000

50000

0

Time-->



#80

Nitrobenzene

Concen: 19.640 ug/l

RT: 13.20 min Scan# 3688

Delta R.T. 0.00 min

Lab File: VU039698.D

Acq: 29 Jul 2020 12:09

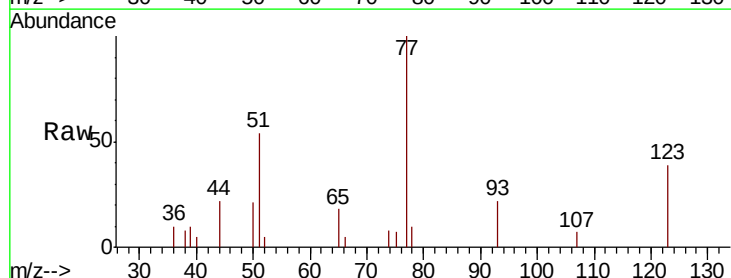
Tgt Ion: 77 Resp: 3700

Ion Ratio Lower Upper

77 100

123 36.8 16.9 59.9

65 17.0 14.4 18.4



Abundance Ion 77.00 (76.70 to 77.70): VU0

Ion 123.00 (122.70 to 123.70): V

Ion 65.00 (64.70 to 65.70): VU0

2500

2000

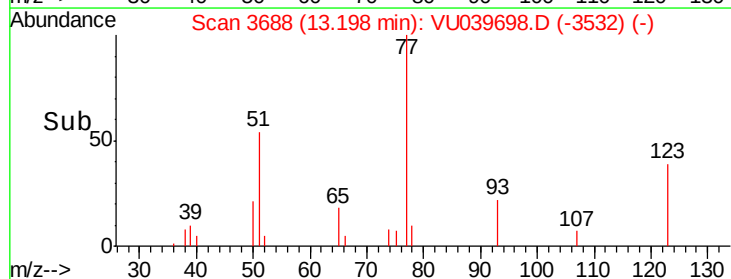
1500

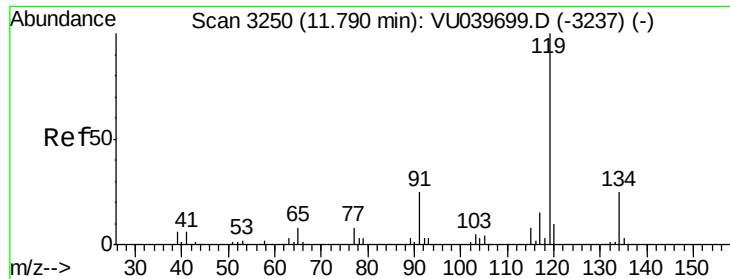
1000

500

0

Time-->

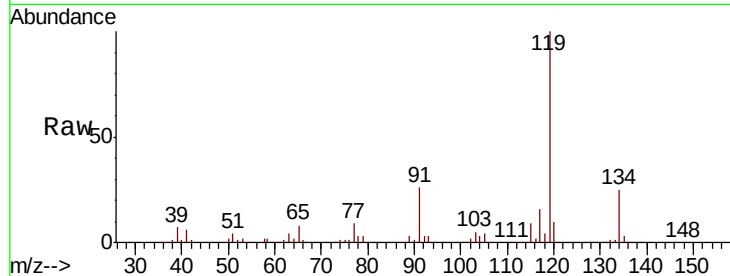




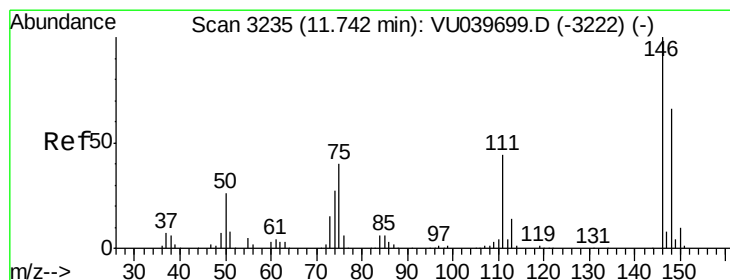
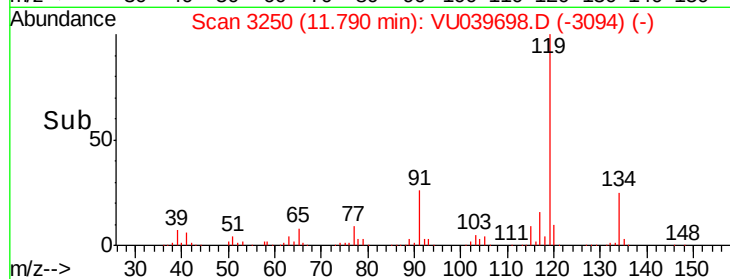
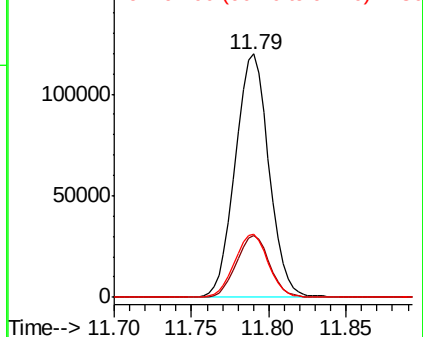
#81
 p-Isopropyltoluene
 Concen: 5.716 ug/l
 RT: 11.79 min Scan# 3250
 Delta R.T. 0.00 min
 Lab File: VU039698.D
 Acq: 29 Jul 2020 12:09

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Tot Ion:119 Resp: 179479
 Ion Ratio Lower Upper
 119 100
 134 25.1 20.2 30.4
 91 26.2 20.7 31.1

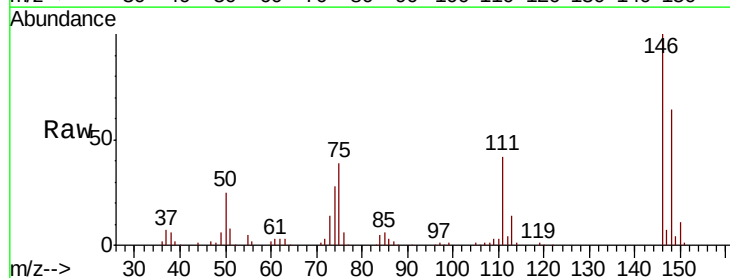


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V

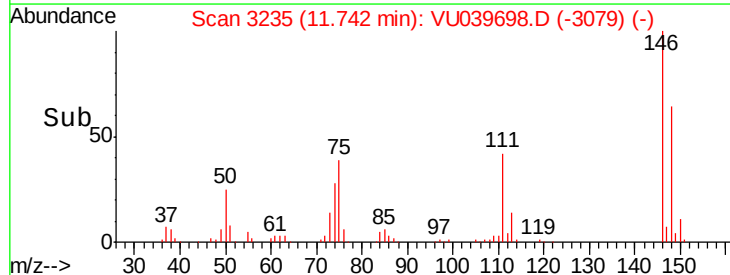
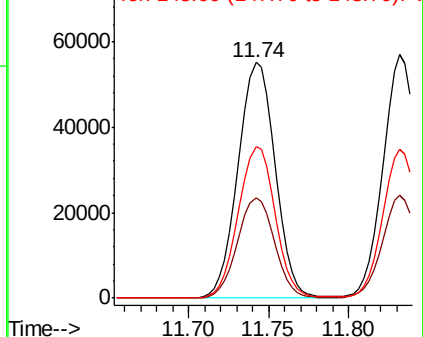


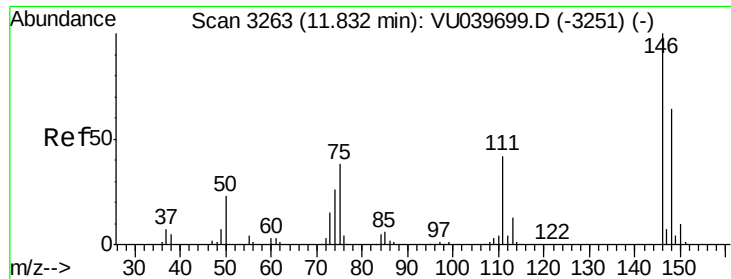
#82
 1,3-Dichlorobenzene
 Concen: 5.518 ug/l
 RT: 11.74 min Scan# 3235
 Delta R.T. 0.00 min
 Lab File: VU039698.D
 Acq: 29 Jul 2020 12:09

Tgt Ion:146 Resp: 87509
 Ion Ratio Lower Upper
 146 100
 111 42.3 34.5 51.7
 148 63.5 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

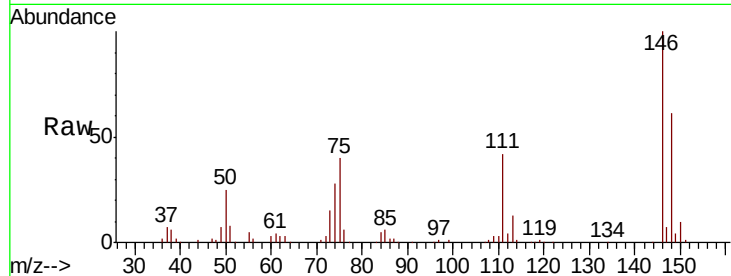




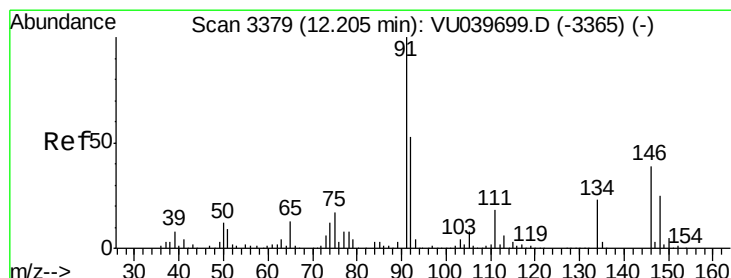
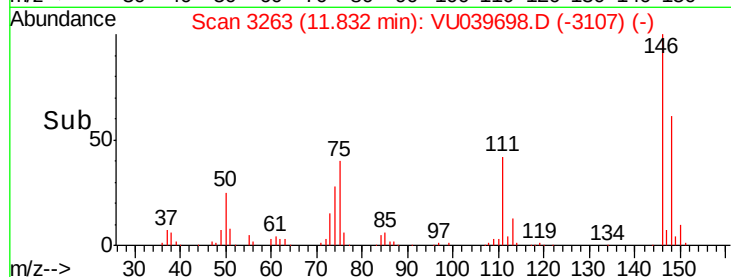
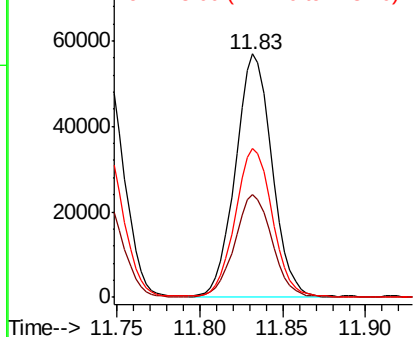
#83
 1,4-Dichlorobenzene
 Concen: 5.408 ug/l
 RT: 11.83 min Scan# 3263
 Delta R.T. 0.00 min
 Lab File: VU039698.D
 Acq: 29 Jul 2020 12:09

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Tot Ion:146 Resp: 86753
 Ion Ratio Lower Upper
 146 100
 111 43.4 33.8 50.6
 148 62.4 51.1 76.7

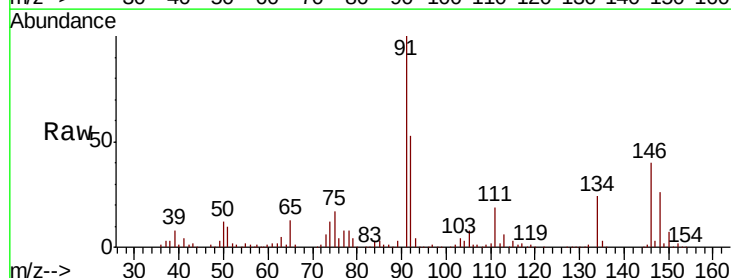


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

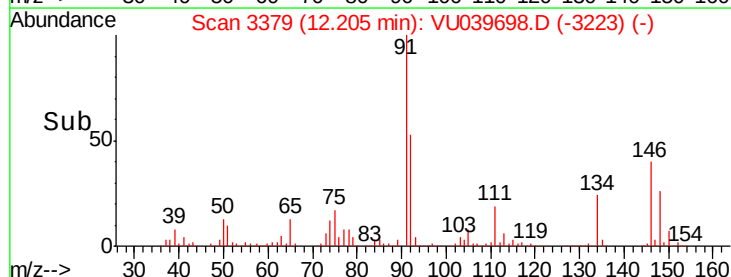
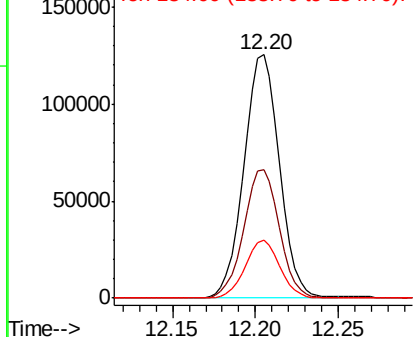


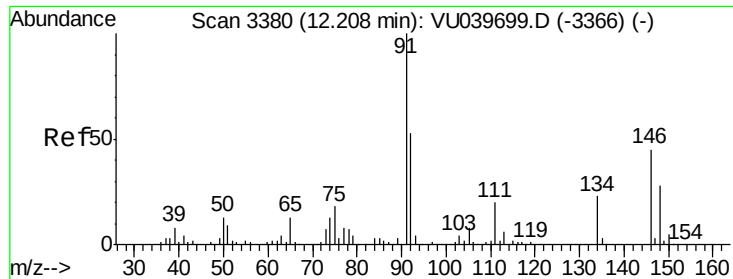
#84
 n-Butylbenzene
 Concen: 5.924 ug/l
 RT: 12.20 min Scan# 3379
 Delta R.T. 0.00 min
 Lab File: VU039698.D
 Acq: 29 Jul 2020 12:09

Tgt Ion: 91 Resp: 186855
 Ion Ratio Lower Upper
 91 100
 92 52.8 42.6 64.0
 134 23.2 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: 5.558 ug/l

RT: 12.21 min Scan# 3380

Delta R.T. 0.00 min

Lab File: VU039698.D

Acq: 29 Jul 2020 12:09

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

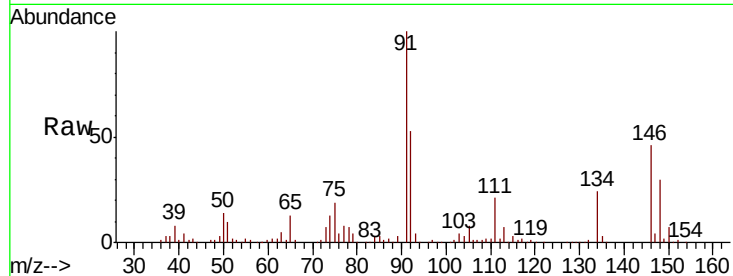
Tot Ion:146 Resp: 82682

Ion Ratio Lower Upper

146 100

111 47.2 22.8 68.3

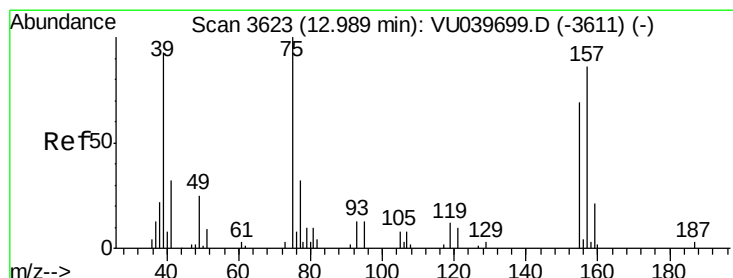
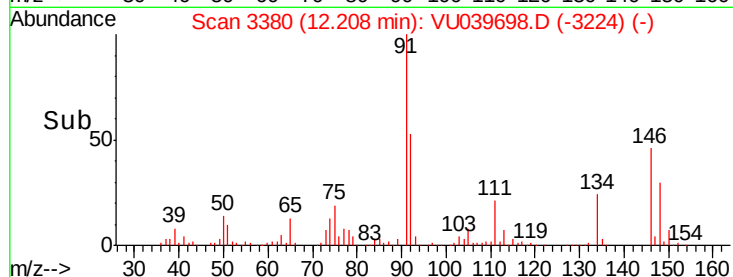
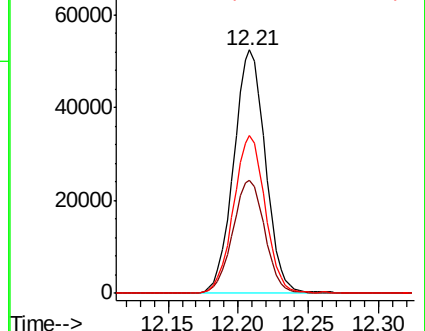
148 64.5 31.7 95.1



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: 7.402 ug/l

RT: 12.99 min Scan# 3622

Delta R.T. -0.00 min

Lab File: VU039698.D

Acq: 29 Jul 2020 12:09

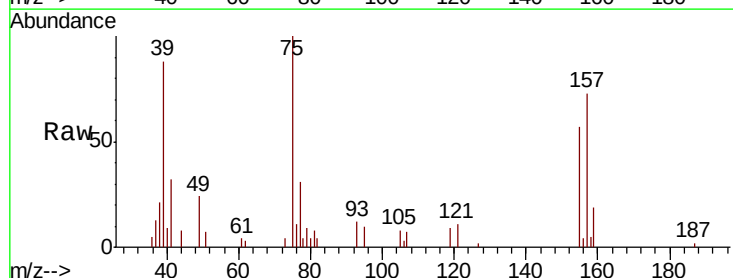
Tgt Ion: 75 Resp: 8354

Ion Ratio Lower Upper

75 100

155 64.6 52.9 79.3

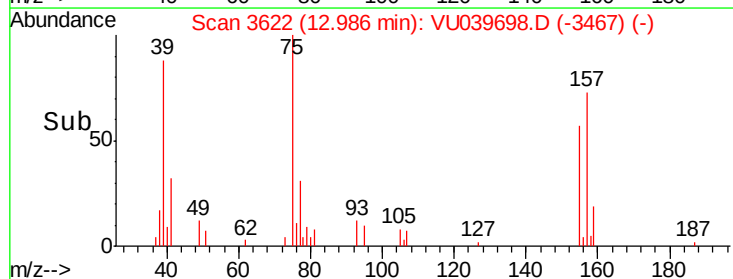
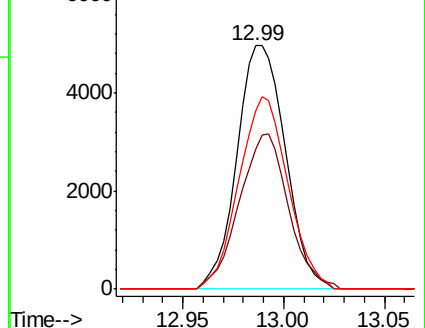
157 79.8 67.8 101.6

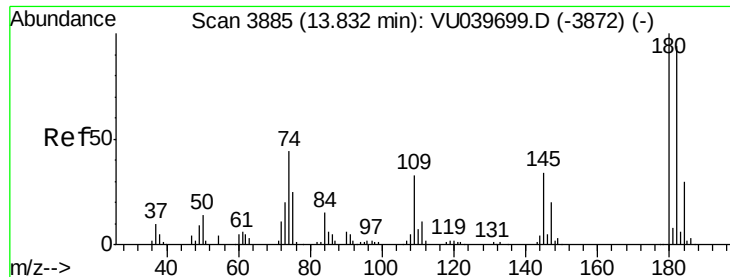


Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

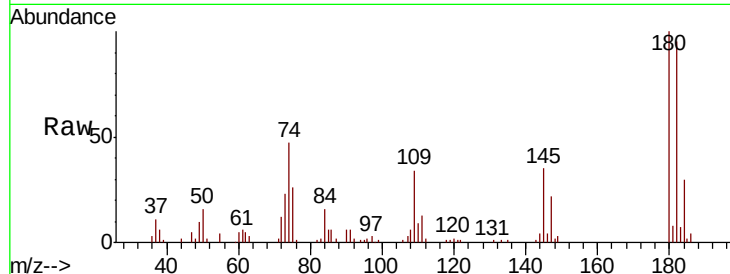




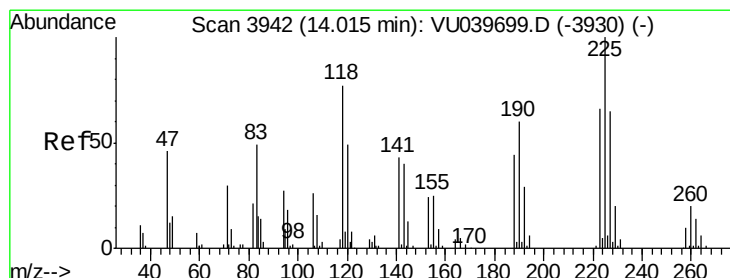
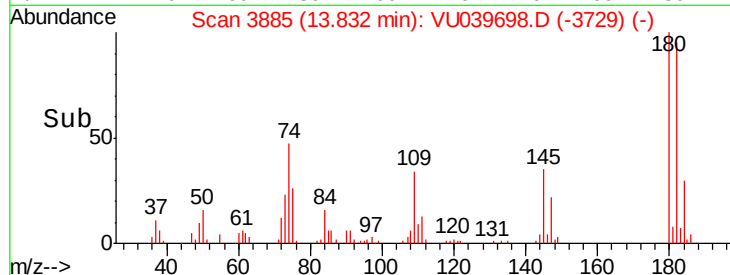
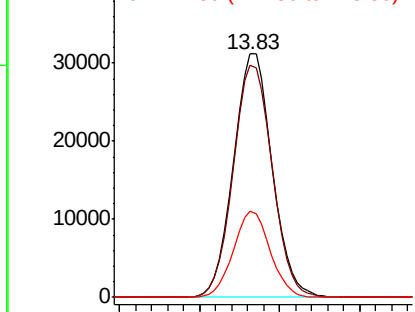
#87
 1,2,4-Trichlorobenzene
 Concen: 4.810 ug/l
 RT: 13.83 min Scan# 3885
 Delta R.T. 0.00 min
 Lab File: VU039698.D
 Acq: 29 Jul 2020 12:09

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Tot Ion:180 Resp: 51248
 Ion Ratio Lower Upper
 180 100
 182 96.0 76.2 114.4
 145 33.6 26.8 40.2

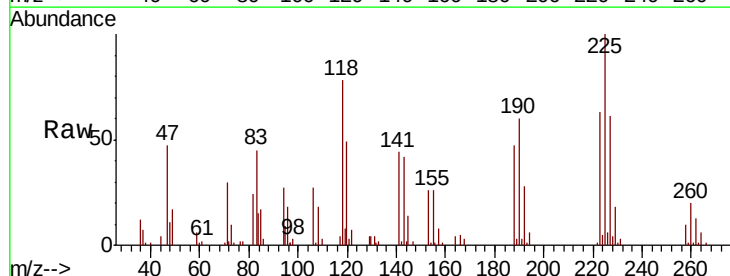


Abundance Ion 179.70 (179.40 to 180.40): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

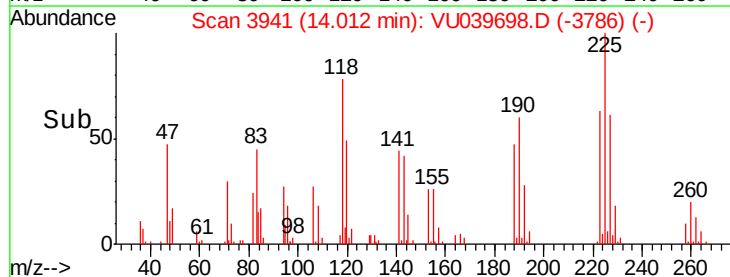
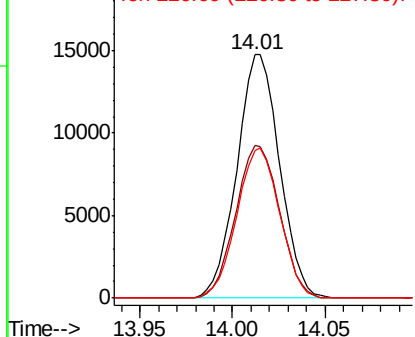


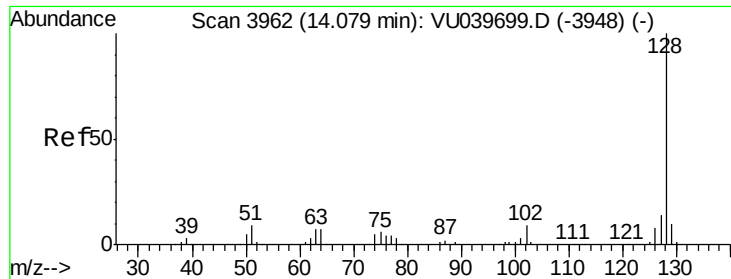
#88
 Hexachlorobutadiene
 Concen: 5.010 ug/l
 RT: 14.01 min Scan# 3941
 Delta R.T. -0.00 min
 Lab File: VU039698.D
 Acq: 29 Jul 2020 12:09

Tgt Ion:225 Resp: 23632
 Ion Ratio Lower Upper
 225 100
 223 64.2 52.4 78.6
 227 61.8 50.7 76.1



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





#89

Naphthalene

Concen: 5.399 ug/l

RT: 14.08 min Scan# 3962

Delta R.T. 0.00 min

Lab File: VU039698.D

Acq: 29 Jul 2020 12:09

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

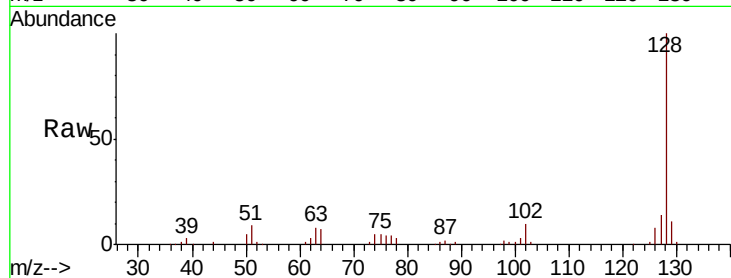
Tot Ion:128 Resp: 113179

Ion Ratio Lower Upper

128 100

127 13.6 11.0 16.4

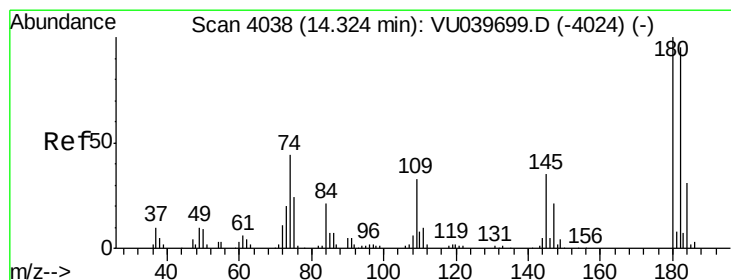
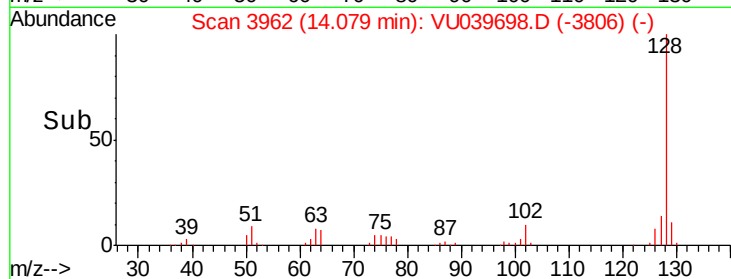
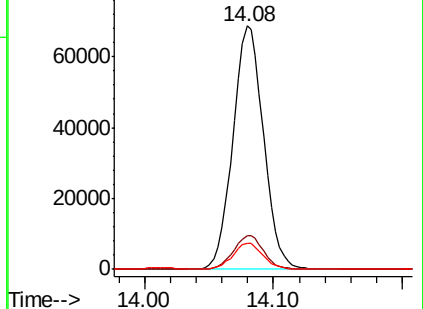
129 10.4 8.4 12.6



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: 5.240 ug/l

RT: 14.32 min Scan# 4038

Delta R.T. 0.00 min

Lab File: VU039698.D

Acq: 29 Jul 2020 12:09

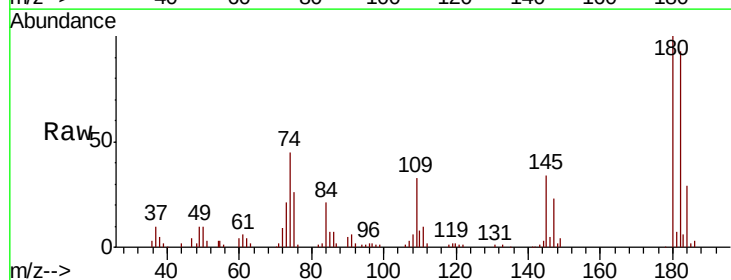
Tgt Ion:180 Resp: 49999

Ion Ratio Lower Upper

180 100

182 93.6 76.0 114.0

145 34.0 27.8 41.6



Abundance Ion 179.70 (179.40 to 180.40): V

Ion 181.70 (181.40 to 182.40): V

Ion 144.80 (144.50 to 145.50): V

