

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U072920\
 Data File : VU039697.D
 Acq On : 29 Jul 2020 11:41
 Operator : SY/MD
 Sample : VSTDIC002
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

Quant Time: Jul 30 01:20:28 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	6.13	96	20441	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.64	95	7511	0.94	ug/l	0.00
Spiked Amount 1.000			Recovery	=	94.00%	
68) 1,2-Dichlorobenzene-d4	12.19	152	7605	0.98	ug/l	0.00
Spiked Amount 1.000			Recovery	=	98.00%	

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	14147	2.026	ug/l 96
3) Chloromethane	1.53	50	17876	2.151	ug/l 99
4) Vinyl Chloride	1.61	62	16498	2.026	ug/l 94
5) Bromomethane	1.86	94	11664	2.310	ug/l 97
6) Chloroethane	1.94	64	10858	2.187	ug/l 98
7) Trichlorofluoromethane	2.15	101	21571	2.431	ug/l 93
8) 1,1,2-Trichloro-1,2,2-trif	2.59	101	12839	2.359	ug/l 99
9) 1,1-Dichloroethene	2.59	96	11308	2.092	ug/l 92
10) Iodomethane	2.74	142	10492	2.918	ug/l 98
11) Allyl Chloride	2.94	41	24336	2.378	ug/l 99
12) Acrylonitrile	3.33	53	8124	5.290	ug/l 93
13) Acetone	2.64	43	17462	13.735	ug/l 96
14) Carbon Disulfide	2.81	76	42526	2.155	ug/l 98
15) Methylene Chloride	3.06	84	15198	2.027	ug/l 93
16) trans-1,2-Dichloroethene	3.37	96	13452	2.269	ug/l 98
17) 1,1-Dichloroethane	3.89	63	29692	2.565	ug/l 99
18) 2-Butanone	4.74	43	32226	16.430	ug/l 99
19) Cyclohexane	5.40	56	26037	2.337	ug/l 94
20) Methylcyclohexane	6.77	83	19255	1.827	ug/l 96
21) 2,2-Dichloropropane	4.68	77	22714	2.374	ug/l 99
22) cis-1,2-Dichloroethene	4.69	96	14029	2.232	ug/l 97
23) Diethyl Ether	2.39	59	12110	2.499	ug/l 94
24) tert-Butyl Alcohol	3.20	59	18157	32.870	ug/l 95
25) Methyl tert-Butyl Ether	3.39	73	38306	2.505	ug/l 98
26) Bromochloromethane	4.99	128	6004	2.368	ug/l 96
27) Chloroform	5.11	83	27101	2.505	ug/l 97
28) 1,1,1-Trichloroethane	5.33	97	22451	2.530	ug/l 98
29) 1,1-Dichloropropene	5.54	75	21322	2.409	ug/l 98
30) Carbon Tetrachloride	5.53	117	17662	2.388	ug/l 95
31) Isopropyl Ether	4.02	45	52469	2.706	ug/l 99
32) Ethyl-t-butyl ether	4.53	59	45566	2.635	ug/l 100
33) Tert-Amyl methyl ether	5.97	73	30925	2.136	ug/l 98
34) Propionitrile	4.80	54	8253	15.145	ug/l # 94
35) Benzene	5.79	78	50162	2.066	ug/l 98
36) 1,2-Dichloroethane	5.82	62	19580	2.606	ug/l 100
37) Trichloroethene	6.55	130	11832	1.882	ug/l 91
38) 1,2-Dichloropropane	6.81	63	14240	2.148	ug/l 100
39) Methacrylonitrile	5.00	41	8290	3.222	ug/l 94
40) Methyl acrylate	4.87	55	10832	2.899	ug/l 99
41) Tetrahydrofuran	5.09	42	7883	6.096	ug/l 99
42) 1-Chlorobutane	5.47	56	33161	2.555	ug/l 97

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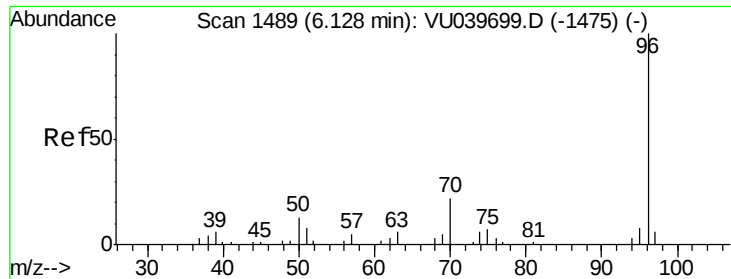
Instrument :
 MSVOA_U
 ClientSampleId :
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Quant Time: Jul 30 01:20:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U072920DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Jul 30 01:17:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

43) Dibromomethane	6.93	93	7711	2.451	ug/l	98
44) Bromodichloromethane	7.12	83	16828	2.152	ug/l	96
45) 4-Methyl-2-Pentanone	7.81	43	54848	12.383	ug/l	99
46) t-1,4-Dichloro-2-butene	10.83	75	16609	12.271	ug/l #	46
47) Methyl methacrylate	6.98	69	14122	4.430	ug/l	99
48) Ethyl methacrylate	8.35	69	12235	2.085	ug/l	100
49) Toluene	7.98	92	29887	1.948	ug/l	100
50) t-1,3-Dichloropropene	8.22	75	14849	1.885	ug/l	99
51) cis-1,3-Dichloropropene	7.62	75	18014	1.923	ug/l	99
52) 1,1,2-Trichloroethane	8.41	97	9919	2.255	ug/l	98
53) 1,3-Dichloropropane	8.58	76	19077	2.305	ug/l	99
54) 2-Hexanone	8.70	43	38924	12.392	ug/l	96
55) Dibromochloromethane	8.82	129	10099	2.074	ug/l	98
56) 1,2-Dibromoethane	8.93	107	9313	2.227	ug/l	99
58) Tetrachloroethene	8.56	164	10638	1.845	ug/l	91
59) Chlorobenzene	9.45	112	30372	1.872	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.54	131	10544	2.111	ug/l	97
61) Pentachloroethane	11.43	117	9219	2.385	ug/l	91
62) Hexachloroethane	12.47	117	8345	2.107	ug/l	93
63) Ethyl Benzene	9.57	91	53735	1.849	ug/l	99
64) m/p-Xylenes	9.70	106	42647	3.801	ug/l	99
65) o-Xylene	10.10	106	20208	1.858	ug/l	100
66) Styrene	10.12	104	33989	1.882	ug/l	99
67) Bromoform	10.29	173	5230	2.045	ug/l	94
69) Isopropylbenzene	10.48	105	52177	1.833	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.78	83	14393	2.489	ug/l	98
71) 1,2,3-Trichloropropane	10.83	75	16609	3.806	ug/l	84
72) Bromobenzene	10.78	156	12647	1.999	ug/l	96
73) n-propylbenzene	10.91	120	14869	1.900	ug/l	100
74) 2-Chlorotoluene	10.99	126	13182	2.006	ug/l	97
75) 1,3,5-Trimethylbenzene	11.09	105	46223	1.937	ug/l	96
76) 4-Chlorotoluene	11.10	126	13575	1.983	ug/l	98
77) tert-Butylbenzene	11.42	119	43526	1.920	ug/l	99
78) 1,2,4-Trimethylbenzene	11.47	105	47745	1.942	ug/l	99
79) sec-Butylbenzene	11.64	105	64045	1.977	ug/l	99
80) Nitrobenzene	13.20	77	939	5.979	ug/l #	94
81) p-Isopropyltoluene	11.79	119	51333	1.961	ug/l	99
82) 1,3-Dichlorobenzene	11.74	146	26808	2.028	ug/l	98
83) 1,4-Dichlorobenzene	11.83	146	26826	2.006	ug/l	99
84) n-Butylbenzene	12.20	91	53691	2.042	ug/l	97
85) 1,2-Dichlorobenzene	12.21	146	26577	2.143	ug/l	97
86) 1,2-Dibromo-3-Chloropropan	12.99	75	2342	2.489	ug/l	94
87) 1,2,4-Trichlorobenzene	13.83	180	14983	1.687	ug/l	98
88) Hexachlorobutadiene	14.01	225	7062	1.796	ug/l	98
89) Naphthalene	14.08	128	30264	1.732	ug/l	99
90) 1,2,3-Trichlorobenzene	14.32	180	14870	1.869	ug/l	97

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



#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 6.13 min Scan# 1489

Delta R.T. -0.00 min

Lab File: VU039697.D

Acq: 29 Jul 2020 11:41

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

Tot Ion: 96 Resp: 20441

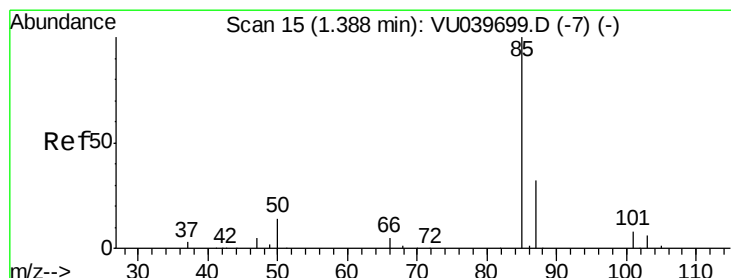
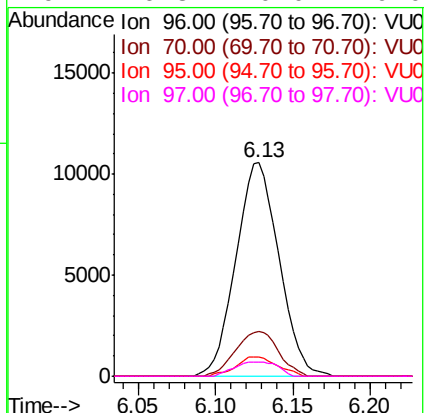
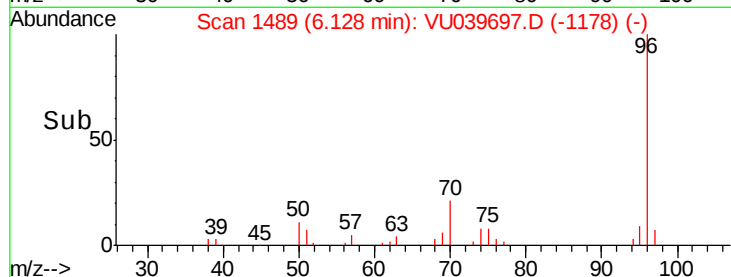
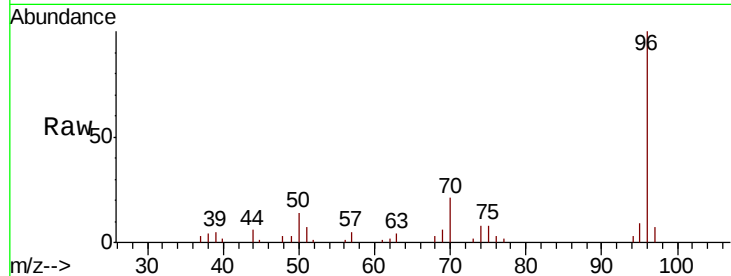
Ion Ratio Lower Upper

96 100

70 21.0 16.3 24.5

95 8.8 6.8 10.2

97 6.8 0.0 0.0#



#2

Dichlorodifluoromethane

Concen: 2.026 ug/l

RT: 1.39 min Scan# 15

Delta R.T. -0.00 min

Lab File: VU039697.D

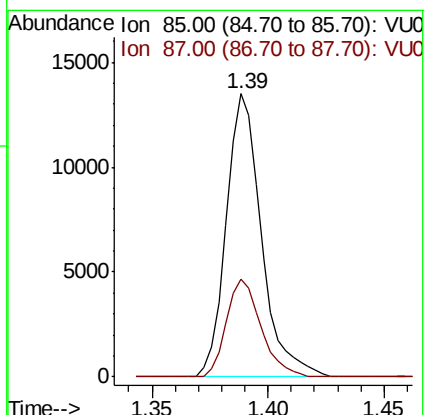
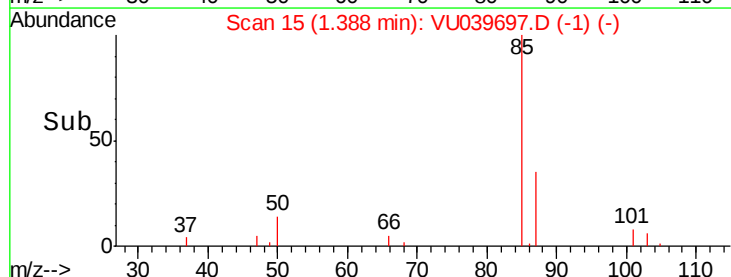
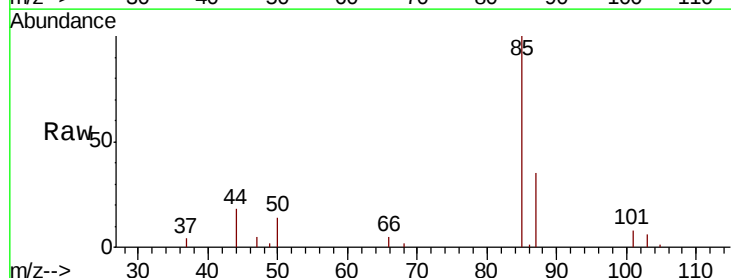
Acq: 29 Jul 2020 11:41

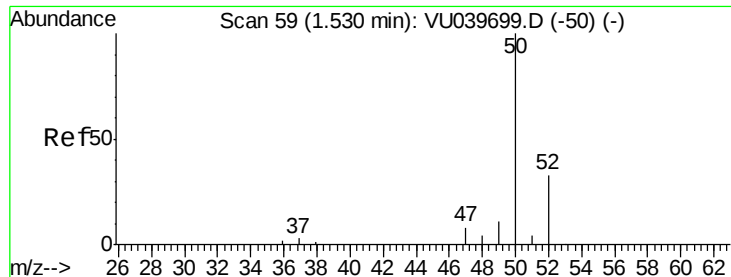
Tgt Ion: 85 Resp: 14147

Ion Ratio Lower Upper

85 100

87 34.6 16.2 48.6

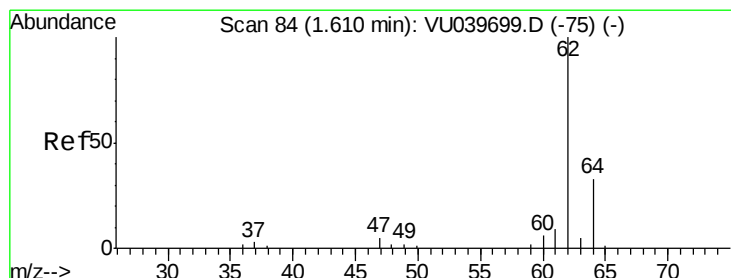
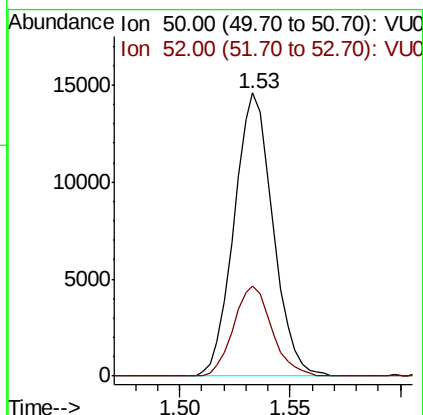
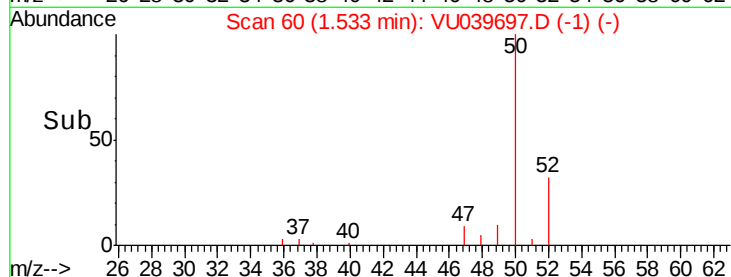
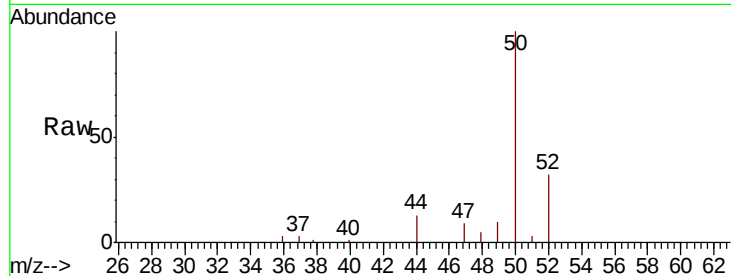




#3
 Chloromethane
 Concen: 2.151 ug/l
 RT: 1.53 min Scan# 60
 Delta R.T. 0.00 min
 Lab File: VU039697.D
 Acq: 29 Jul 2020 11:41

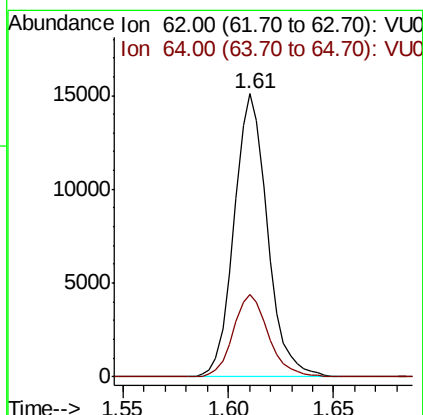
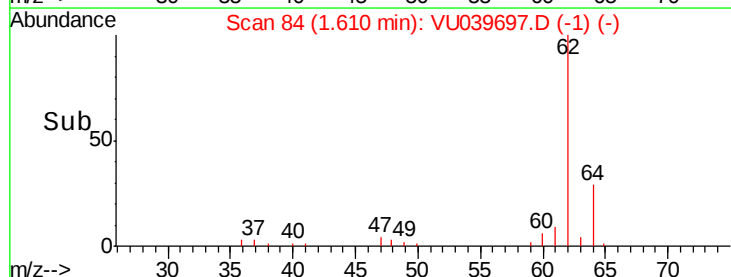
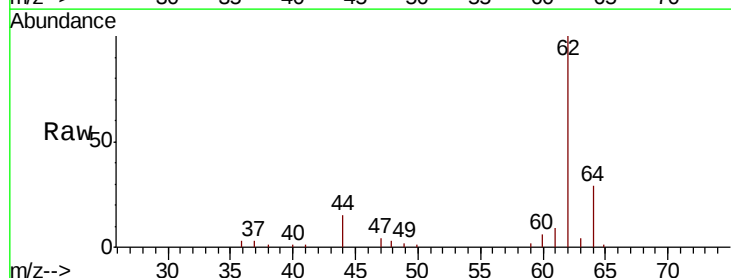
Instrument :
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 VSTDIC002

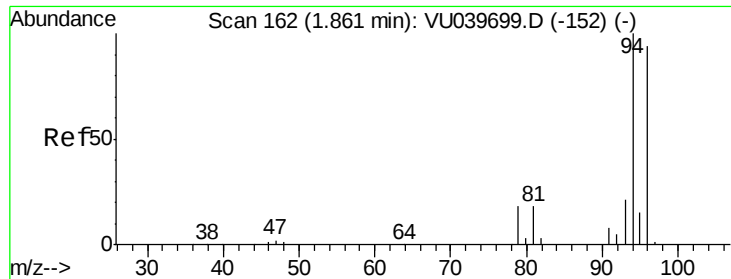
Tot Ion: 50 Resp: 17876
 Ion Ratio Lower Upper
 50 100
 52 31.9 26.0 39.0



#4
 Vinyl Chloride
 Concen: 2.026 ug/l
 RT: 1.61 min Scan# 84
 Delta R.T. -0.00 min
 Lab File: VU039697.D
 Acq: 29 Jul 2020 11:41

Tgt Ion: 62 Resp: 16498
 Ion Ratio Lower Upper
 62 100
 64 29.3 26.0 39.0

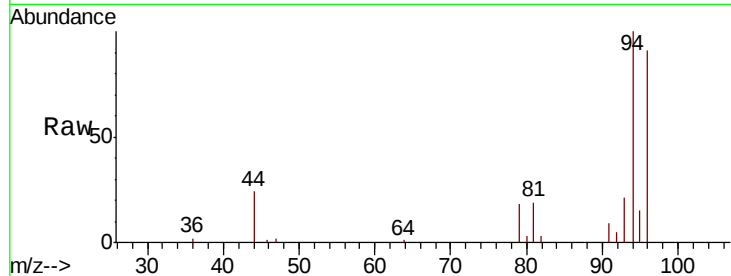




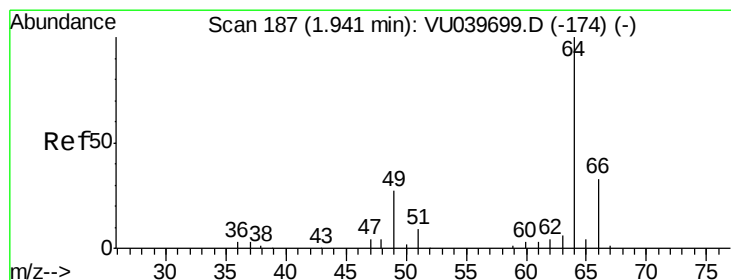
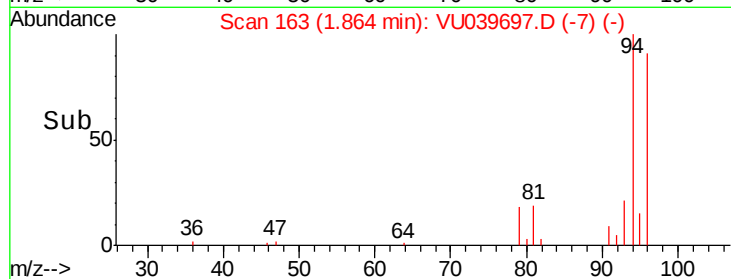
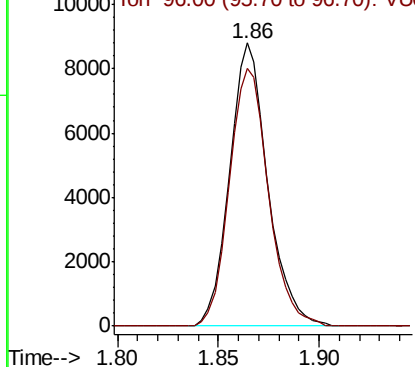
#5
 Bromomethane
 Concen: 2.310 ug/l
 RT: 1.86 min Scan# 163
 Delta R.T. 0.00 min
 Lab File: VU039697.D
 Acq: 29 Jul 2020 11:41

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

Tot Ion: 94 Resp: 11664
 Ion Ratio Lower Upper
 94 100
 96 90.9 75.0 112.6

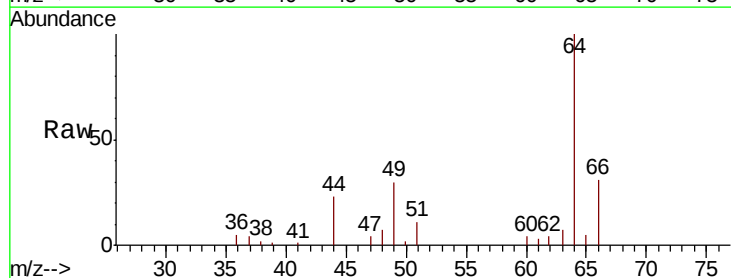


Abundance Ion 94.00 (93.70 to 94.70): VU0
 Ion 96.00 (95.70 to 96.70): VU0

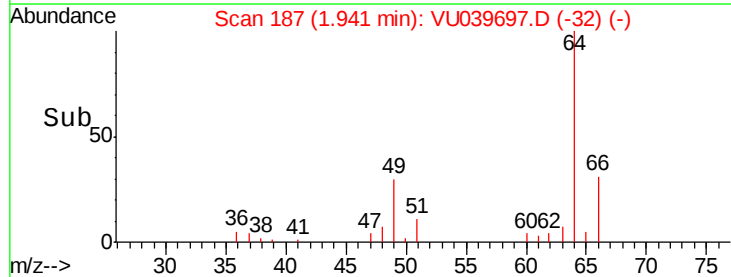
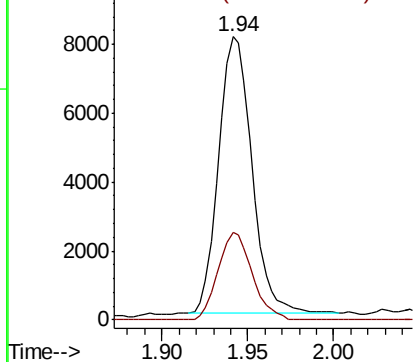


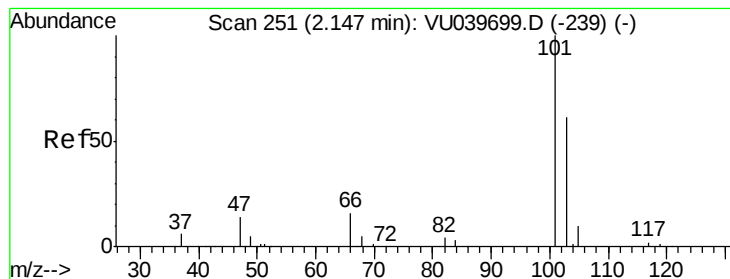
#6
 Chloroethane
 Concen: 2.187 ug/l
 RT: 1.94 min Scan# 187
 Delta R.T. -0.00 min
 Lab File: VU039697.D
 Acq: 29 Jul 2020 11:41

Tgt Ion: 64 Resp: 10858
 Ion Ratio Lower Upper
 64 100
 66 31.5 26.2 39.2



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





#7

Trichlorofluoromethane

Concen: 2.431 ug/l

RT: 2.15 min Scan# 251

Delta R.T. -0.00 min

Lab File: VU039697.D

Acq: 29 Jul 2020 11:41

Instrument :

MSVOA_U

ClientSampleId :

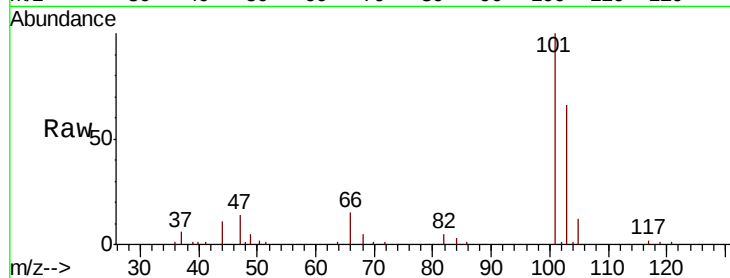
VSTDIC002

Tot Ion:101 Resp: 21571

Ion Ratio Lower Upper

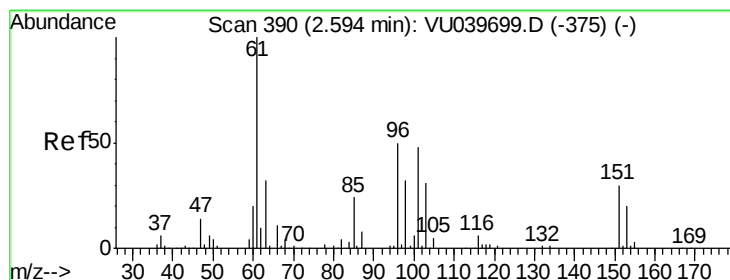
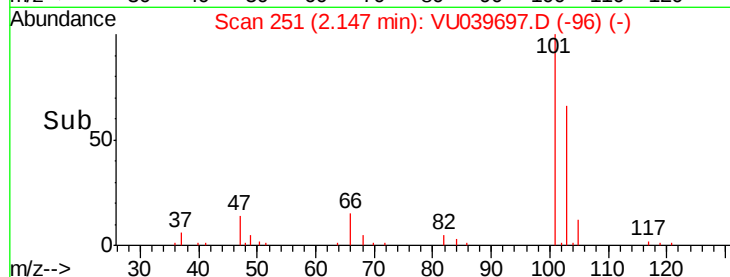
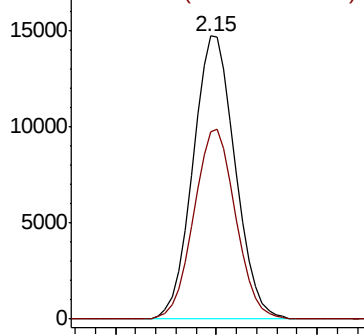
101 100

103 66.1 48.8 73.2



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#8

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 2.359 ug/l

RT: 2.59 min Scan# 390

Delta R.T. -0.00 min

Lab File: VU039697.D

Acq: 29 Jul 2020 11:41

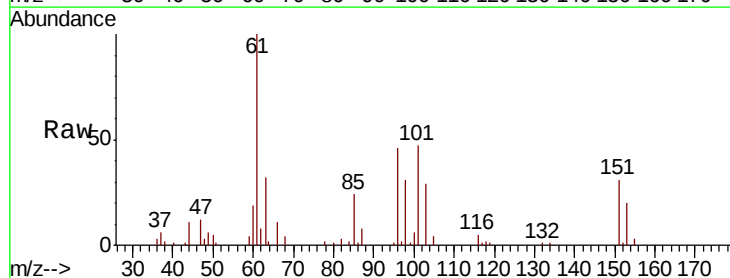
Tgt Ion:101 Resp: 12839

Ion Ratio Lower Upper

101 100

85 49.5 39.9 59.9

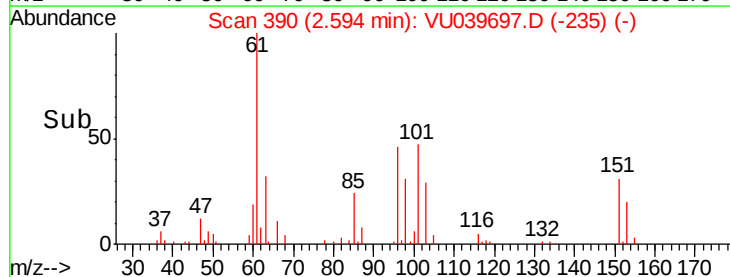
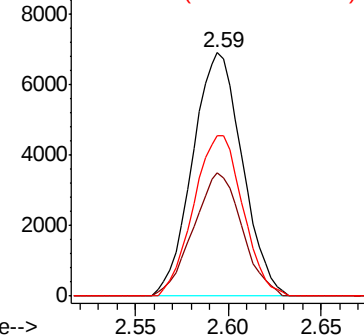
151 65.3 51.0 76.4

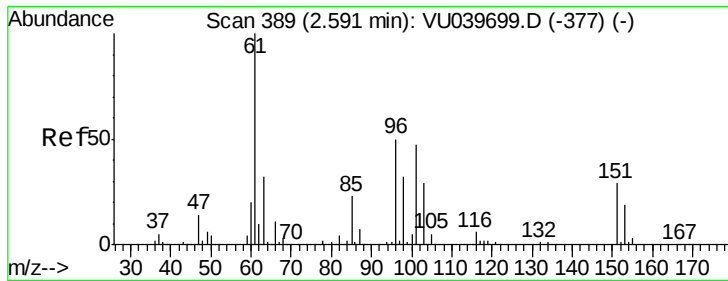


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V





#9

1,1-Dichloroethene

Concen: 2.092 ug/l

RT: 2.59 min Scan# 390

Delta R.T. 0.00 min

Lab File: VU039697.D

Acq: 29 Jul 2020 11:41

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VSTDIC002

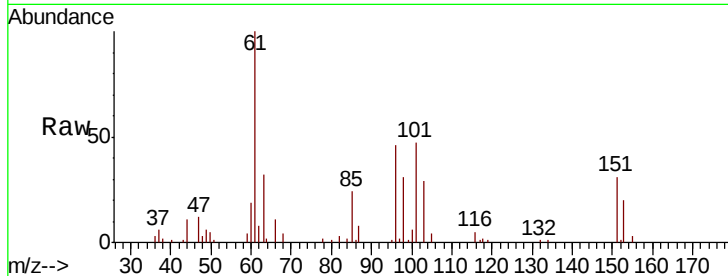
Tot Ion: 96 Resp: 11308

Ion Ratio Lower Upper

96 100

61 215.3 0.0 604.5

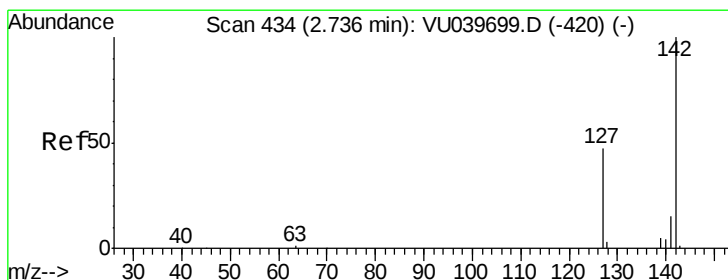
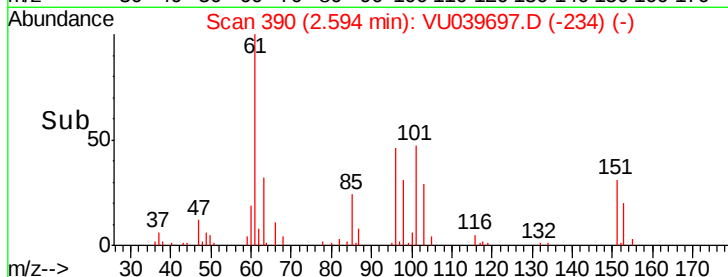
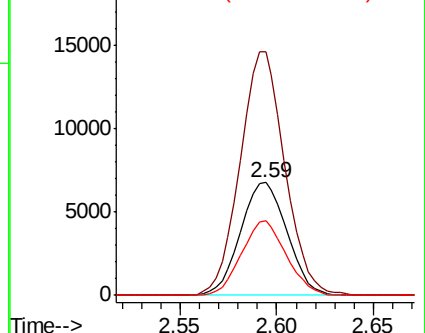
98 65.9 0.0 127.2



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: 2.918 ug/l

RT: 2.74 min Scan# 434

Delta R.T. -0.00 min

Lab File: VU039697.D

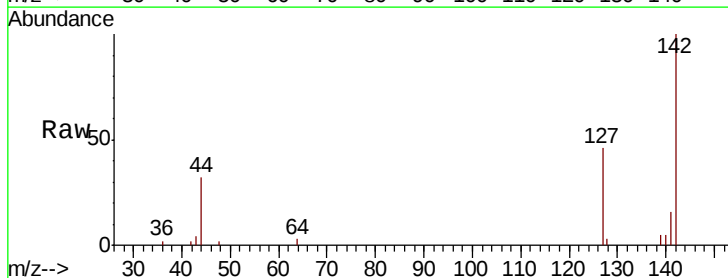
Acq: 29 Jul 2020 11:41

Tgt Ion:142 Resp: 10492

Ion Ratio Lower Upper

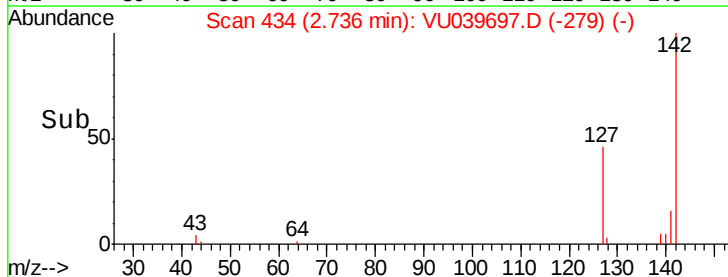
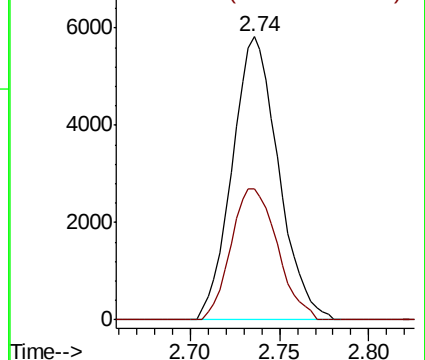
142 100

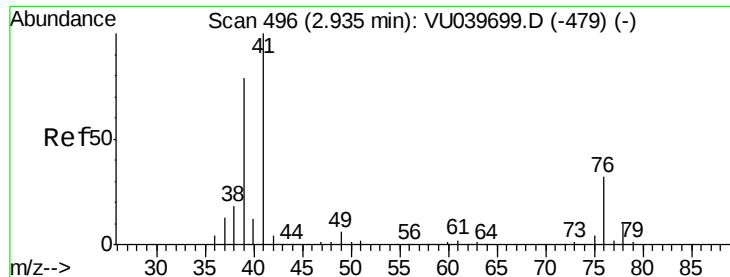
127 46.4 38.4 57.6



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

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

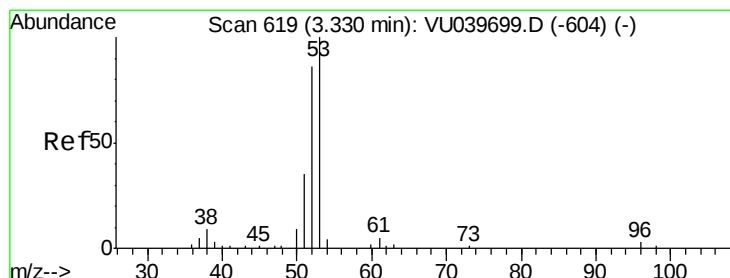
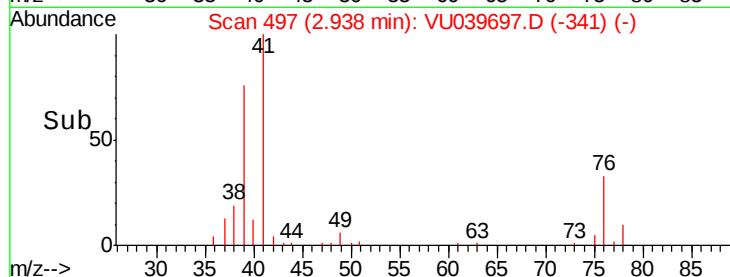
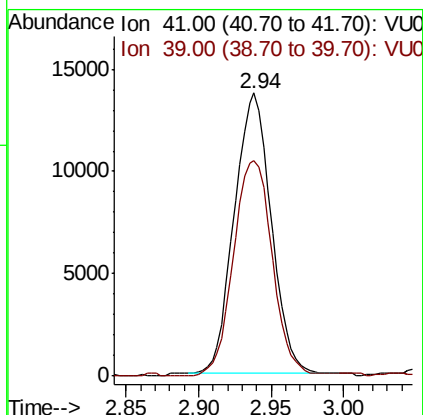
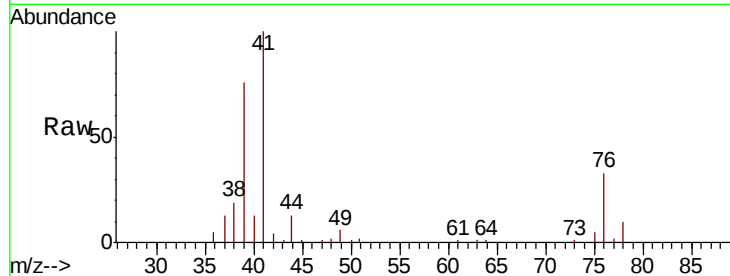




#11
Allvl Chloride
Concen: 2.378 ug/l
RT: 2.94 min Scan# 497
Delta R.T. 0.00 min
Lab File: VU039697.D
Acq: 29 Jul 2020 11:41

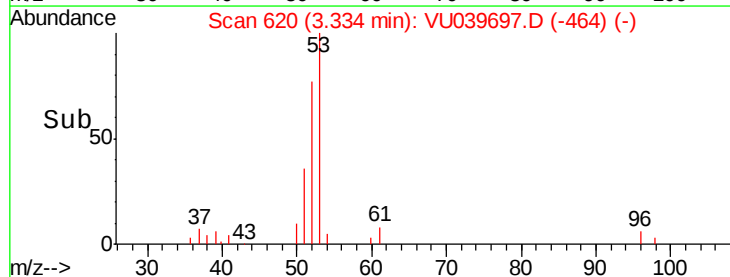
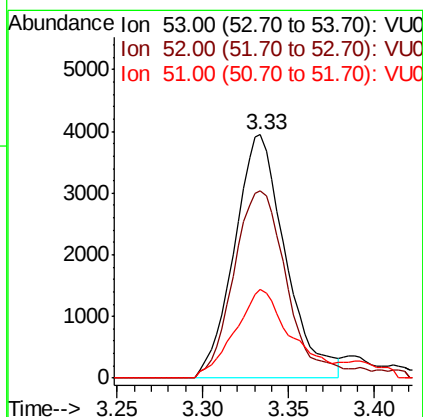
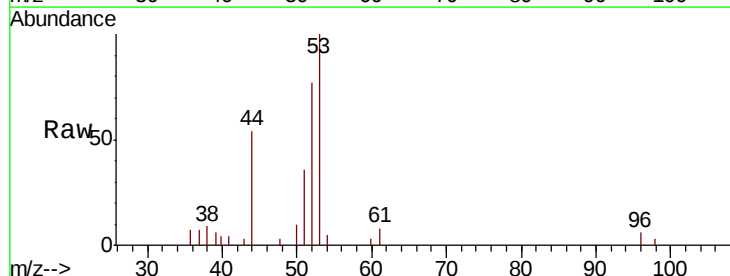
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tot Ion: 41 Resp: 24336
Ion Ratio Lower Upper
41 100
39 81.0 64.2 96.2



#12
Acrylonitrile
Concen: 5.290 ug/l
RT: 3.33 min Scan# 620
Delta R.T. 0.00 min
Lab File: VU039697.D
Acq: 29 Jul 2020 11:41

Tgt Ion: 53 Resp: 8124
Ion Ratio Lower Upper
53 100
52 79.9 69.1 103.7
51 40.2 29.4 44.2





#13

Acetone

Concen: 13.735 ug/l

RT: 2.64 min Scan# 404

Delta R.T. 0.00 min

Lab File: VU039697.D

Acq: 29 Jul 2020 11:41

Instrument :

MSVOA_U

ClientSampleId :

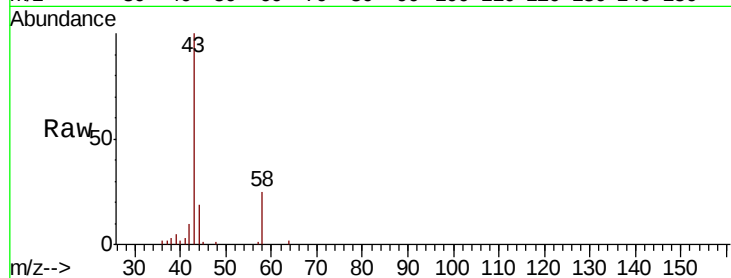
VSTDIC002

Tot Ion: 43 Resp: 17462

Ion Ratio Lower Upper

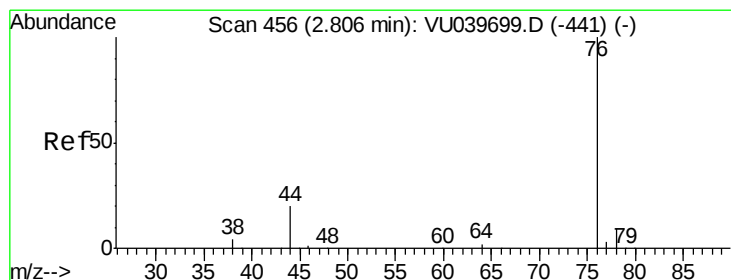
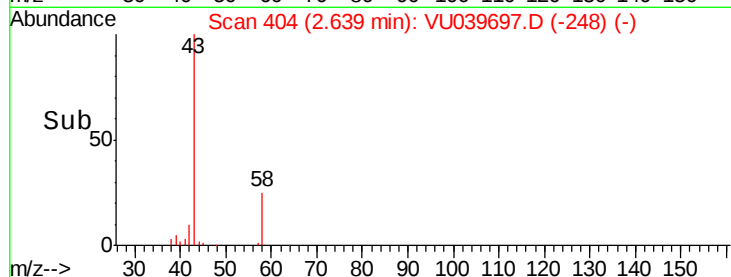
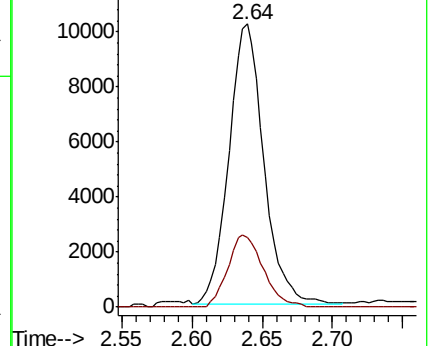
43 100

58 25.1 21.8 32.6



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

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



#14

Carbon Disulfide

Concen: 2.155 ug/l

RT: 2.81 min Scan# 456

Delta R.T. -0.00 min

Lab File: VU039697.D

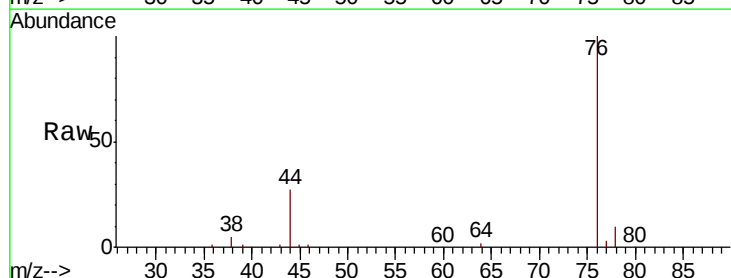
Acq: 29 Jul 2020 11:41

Tgt Ion: 76 Resp: 42526

Ion Ratio Lower Upper

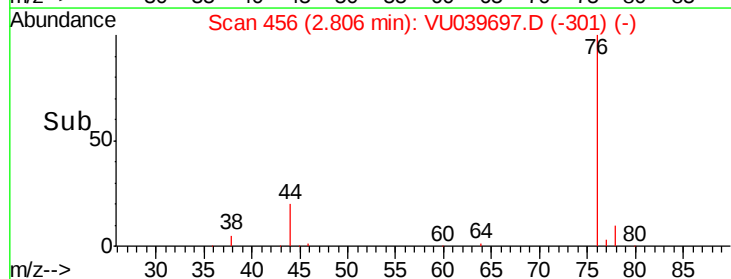
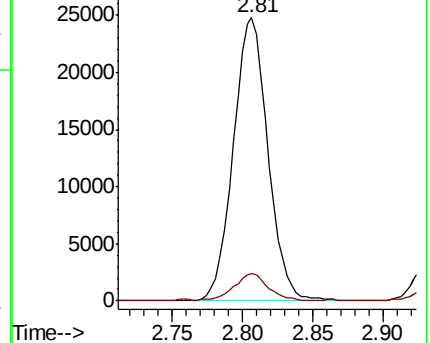
76 100

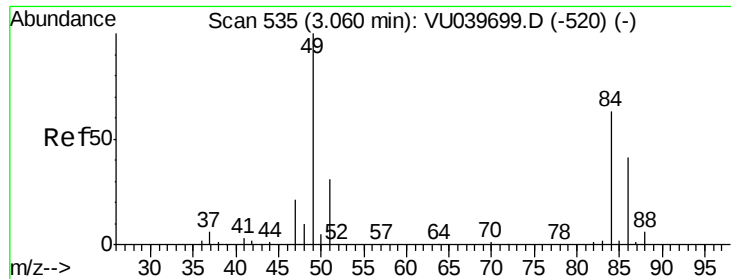
78 9.7 7.0 10.6



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

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

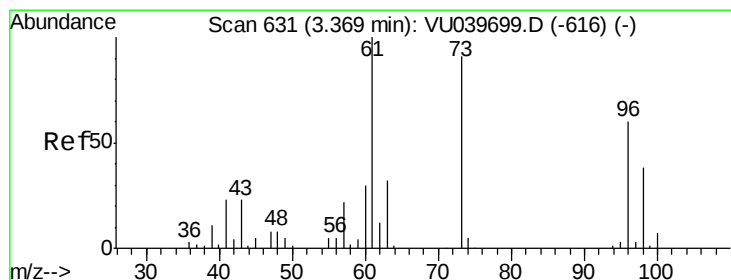
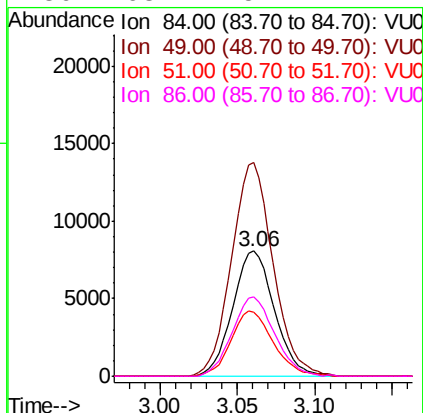
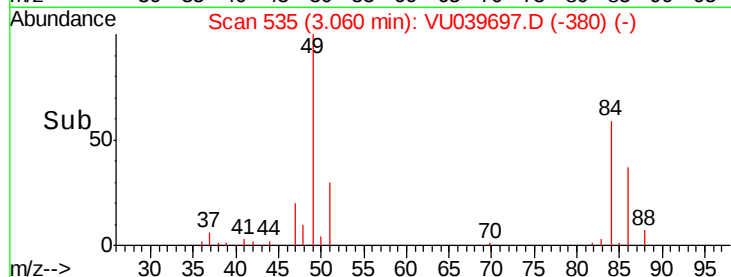
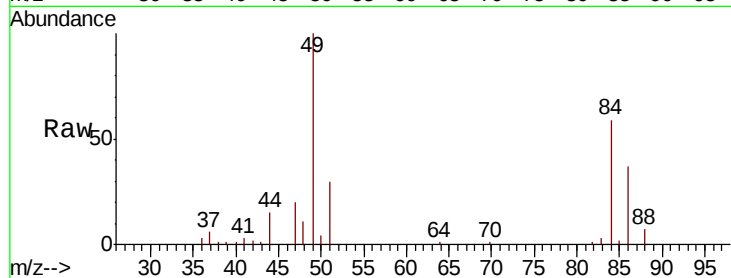




#15
Methvlene Chloride
Concen: 2.027 ug/l
RT: 3.06 min Scan# 535
Delta R.T. -0.00 min
Lab File: VU039697.D
Acq: 29 Jul 2020 11:41

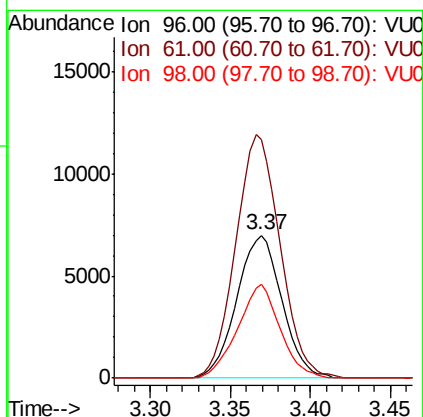
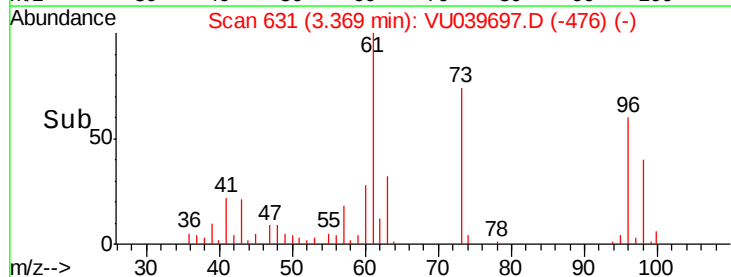
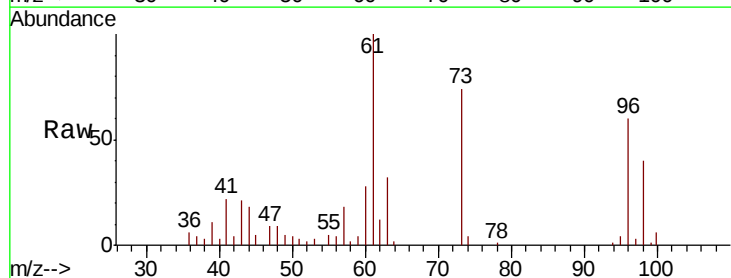
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

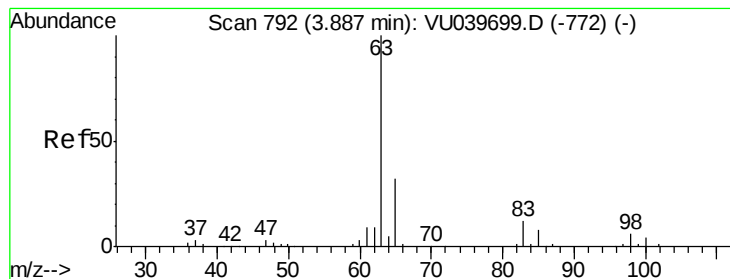
Tot Ion: 84 Resp: 15198
Ion Ratio Lower Upper
84 100
49 170.8 126.8 190.2
51 51.3 0.0 97.2
86 63.2 51.4 77.2



#16
trans-1,2-Dichloroethene
Concen: 2.269 ug/l
RT: 3.37 min Scan# 631
Delta R.T. -0.00 min
Lab File: VU039697.D
Acq: 29 Jul 2020 11:41

Tgt Ion: 96 Resp: 13452
Ion Ratio Lower Upper
96 100
61 167.4 132.6 199.0
98 66.1 50.2 75.2





#17

1,1-Dichloroethane

Concen: 2.565 ug/l

RT: 3.89 min Scan# 793

Delta R.T. 0.00 min

Lab File: VU039697.D

Acq: 29 Jul 2020 11:41

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

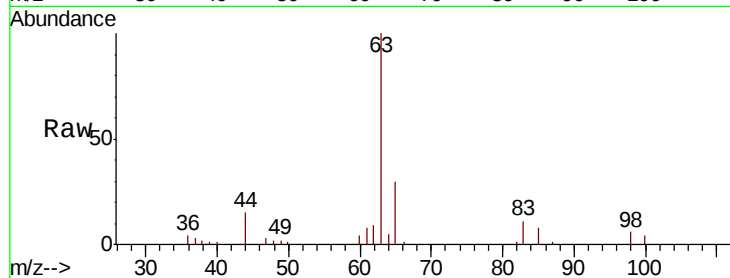
Tot Ion: 63 Resp: 29692

Ion Ratio Lower Upper

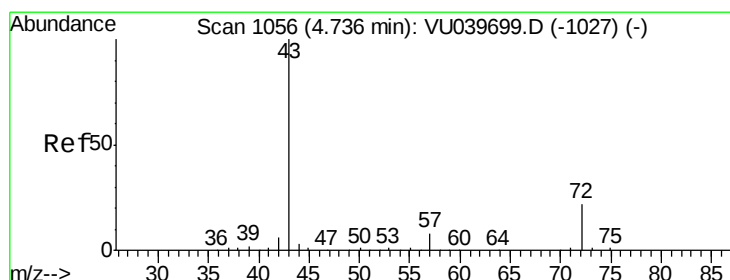
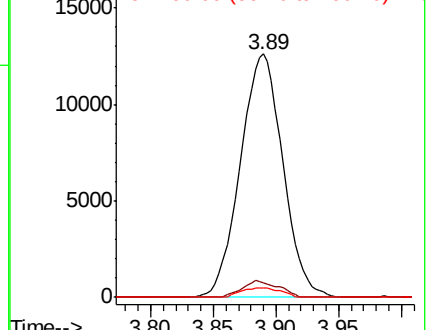
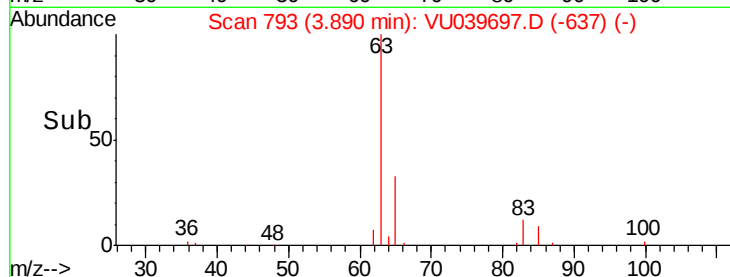
63 100

98 6.1 2.9 8.7

100 3.7 2.0 6.0



Abundance Ion 63.00 (62.70 to 63.70): VU039697.D (-637) (-)



#18

2-Butanone

Concen: 16.430 ug/l

RT: 4.74 min Scan# 1057

Delta R.T. 0.00 min

Lab File: VU039697.D

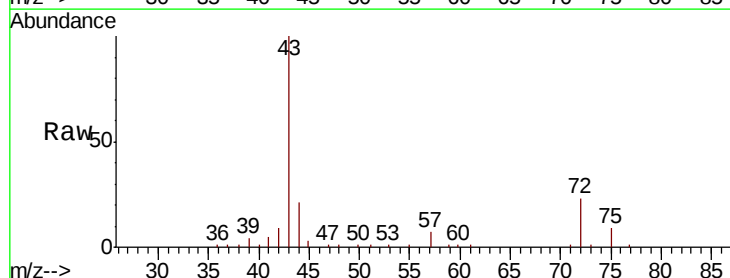
Acq: 29 Jul 2020 11:41

Tgt Ion: 43 Resp: 32226

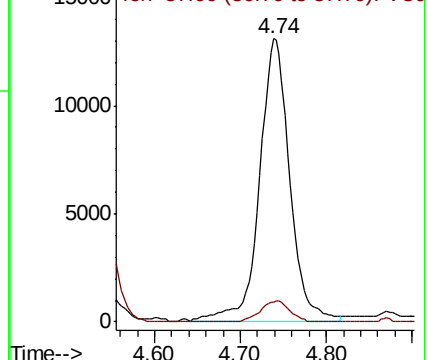
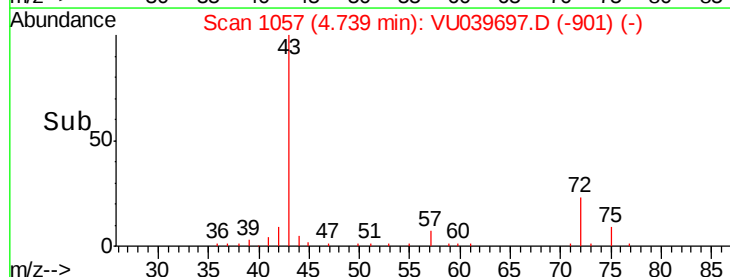
Ion Ratio Lower Upper

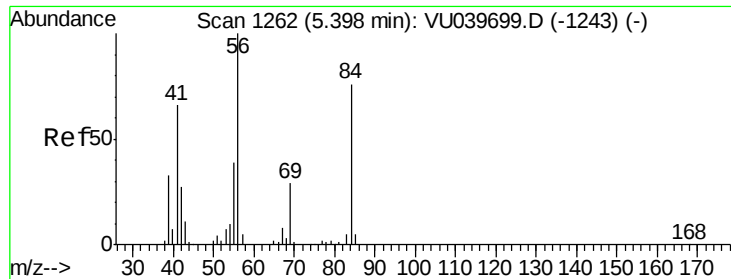
43 100

57 7.1 0.0 15.2



Abundance Ion 43.00 (42.70 to 43.70): VU039697.D (-901) (-)

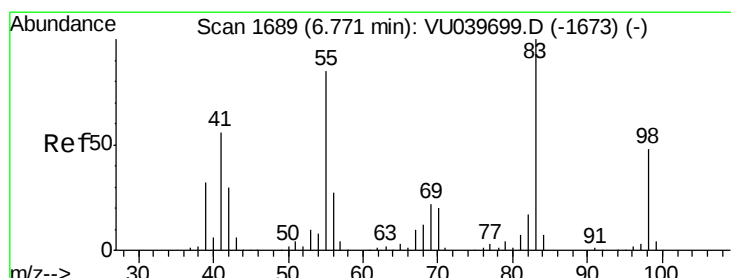
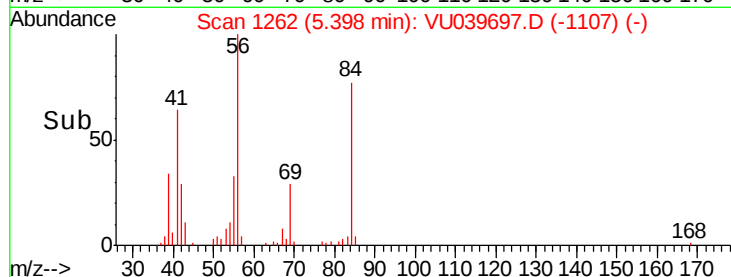
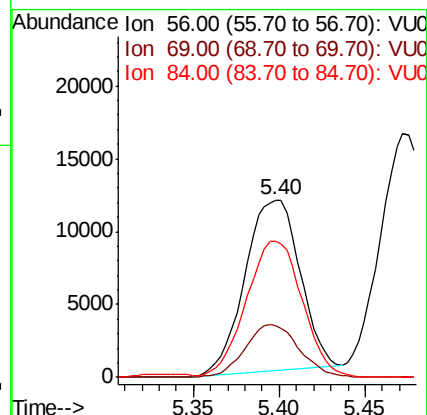
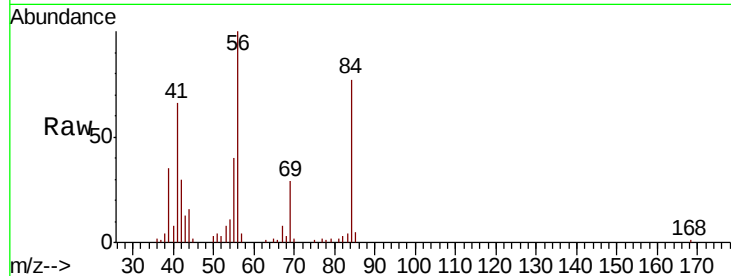




#19
Cyclohexane
Concen: 2.337 ug/l
RT: 5.40 min Scan# 1262
Delta R.T. -0.00 min
Lab File: VU039697.D
Acq: 29 Jul 2020 11:41

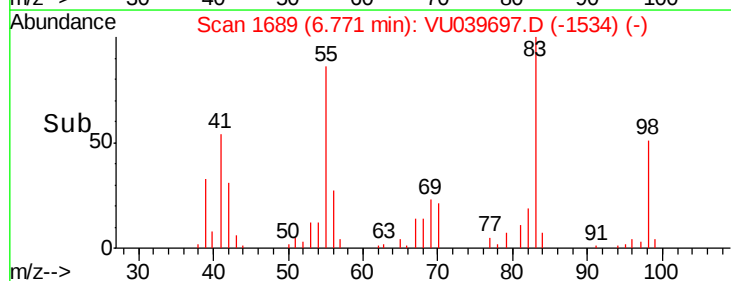
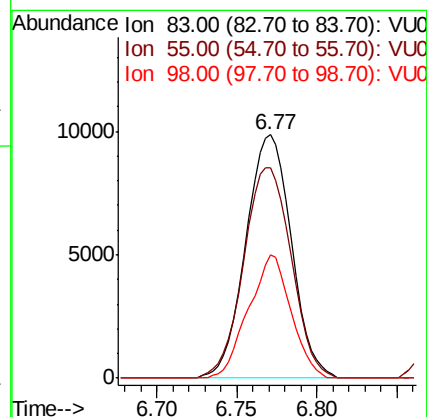
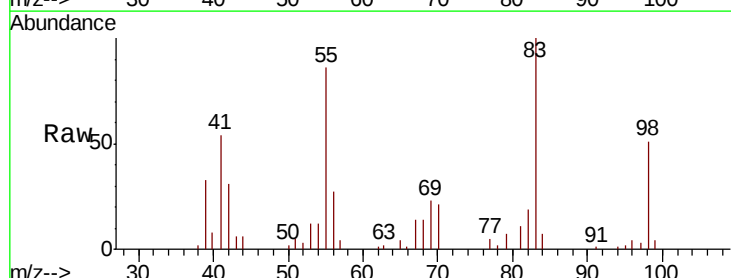
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

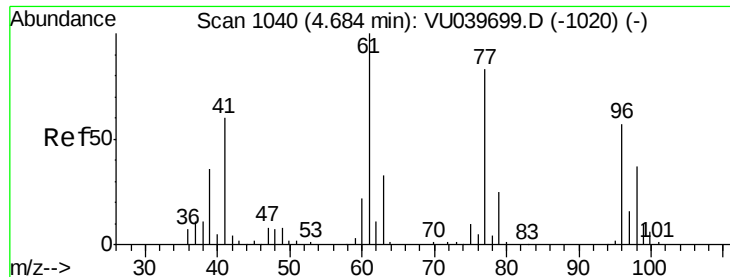
Tot Ion: 56 Resp: 26037
Ion Ratio Lower Upper
56 100
69 30.4 22.8 34.2
84 80.3 59.9 89.9



#20
Methylcyclohexane
Concen: 1.827 ug/l
RT: 6.77 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VU039697.D
Acq: 29 Jul 2020 11:41

Tgt Ion: 83 Resp: 19255
Ion Ratio Lower Upper
83 100
55 90.3 67.6 101.4
98 47.3 37.3 55.9

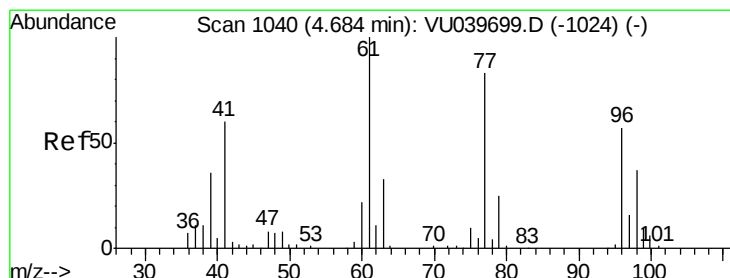
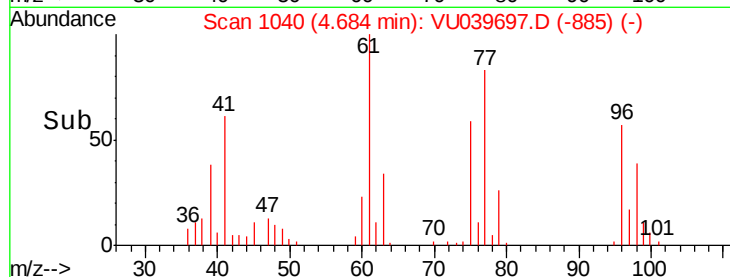
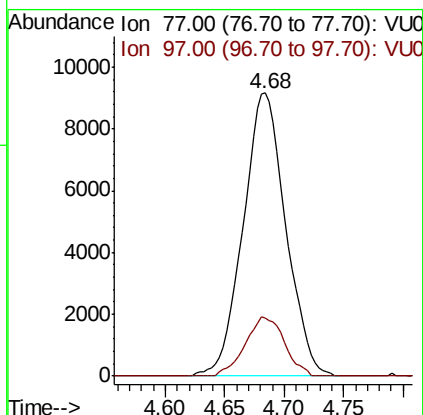
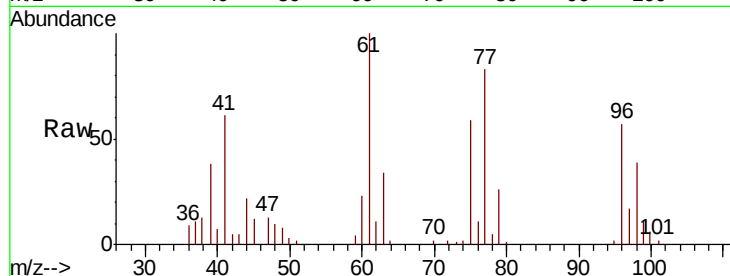




#21
 2,2-Dichloropropane
 Concen: 2.374 ug/l
 RT: 4.68 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: VU039697.D
 Acq: 29 Jul 2020 11:41

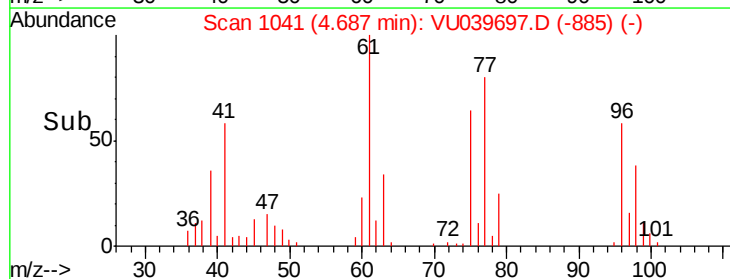
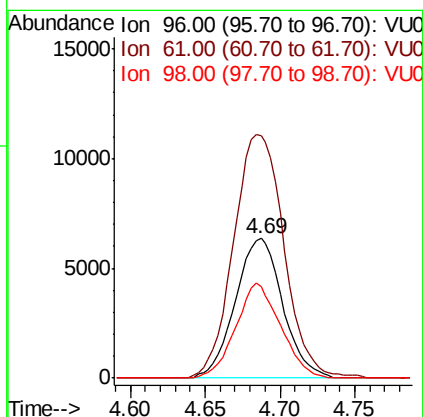
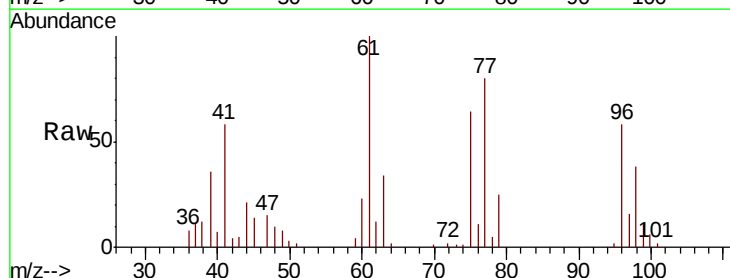
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

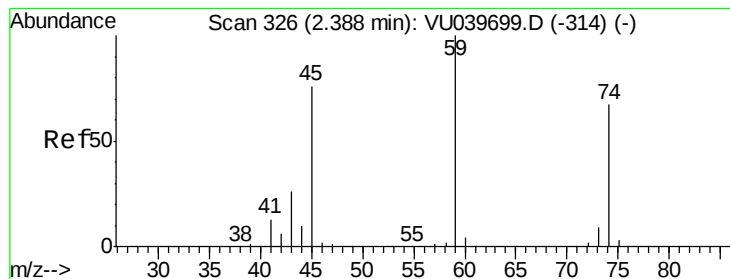
Tot Ion: 77 Resp: 22714
 Ion Ratio Lower Upper
 77 100
 97 19.3 15.2 22.8



#22
 cis-1,2-Dichloroethene
 Concen: 2.232 ug/l
 RT: 4.69 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: VU039697.D
 Acq: 29 Jul 2020 11:41

Tgt Ion: 96 Resp: 14029
 Ion Ratio Lower Upper
 96 100
 61 185.8 0.0 451.3
 98 64.5 32.6 98.0





#23

Diethyl Ether

Concen: 2.499 ug/l

RT: 2.39 min Scan# 326

Delta R.T. -0.00 min

Lab File: VU039697.D

Acq: 29 Jul 2020 11:41

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

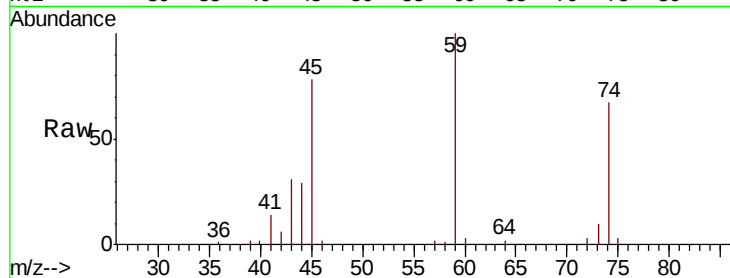
Tot Ion: 59 Resp: 12110

Ion Ratio Lower Upper

59 100

45 82.1 61.5 92.3

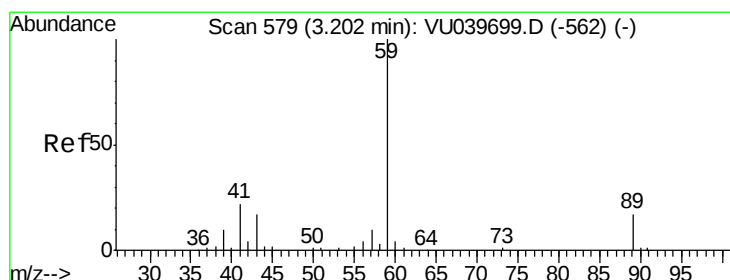
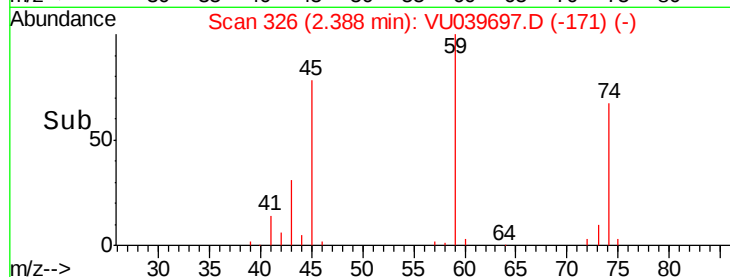
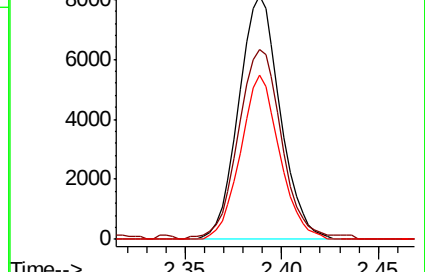
74 63.6 54.3 81.5



Abundance Ion 59.00 (58.70 to 59.70): VU039697.D (-314) (-)

Ion 45.00 (44.70 to 45.70): VU039697.D (-314) (-)

Ion 74.00 (73.70 to 74.70): VU039697.D (-314) (-)



#24

tert-Butyl Alcohol

Concen: 32.870 ug/l

RT: 3.20 min Scan# 579

Delta R.T. -0.00 min

Lab File: VU039697.D

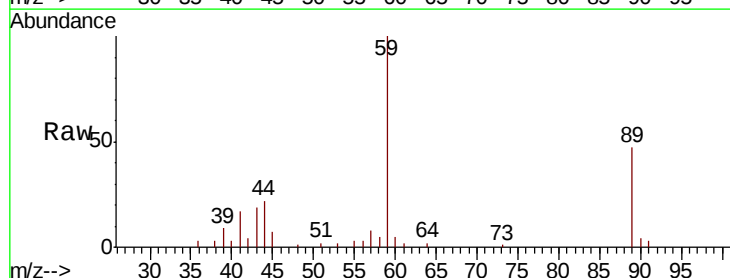
Acq: 29 Jul 2020 11:41

Tgt Ion: 59 Resp: 18157

Ion Ratio Lower Upper

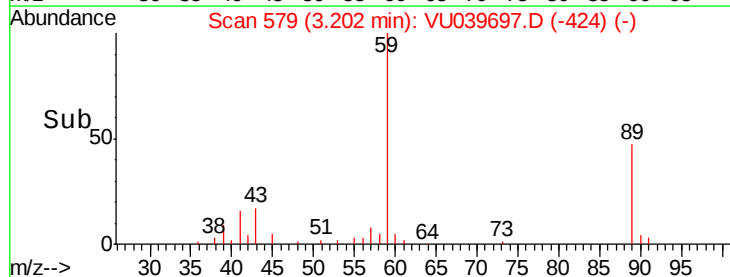
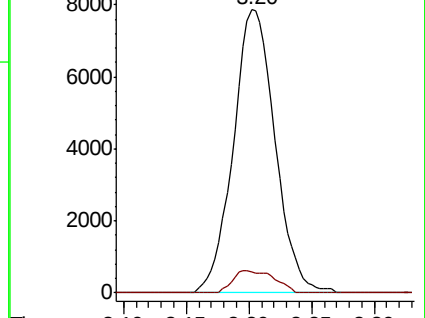
59 100

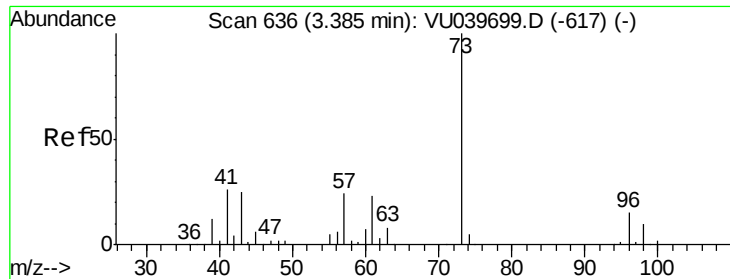
57 7.9 7.8 11.6



Abundance Ion 59.00 (58.70 to 59.70): VU039697.D (-562) (-)

Ion 57.00 (56.70 to 57.70): VU039697.D (-562) (-)



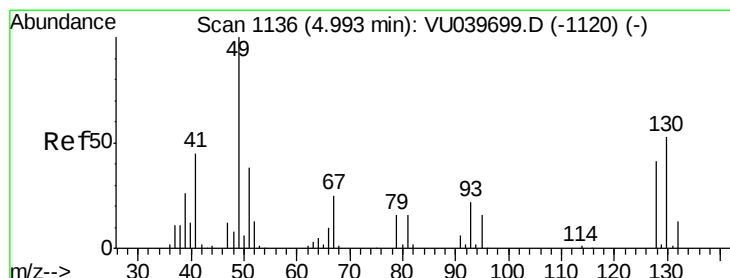
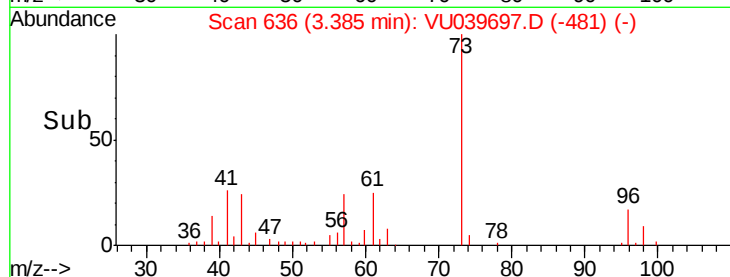
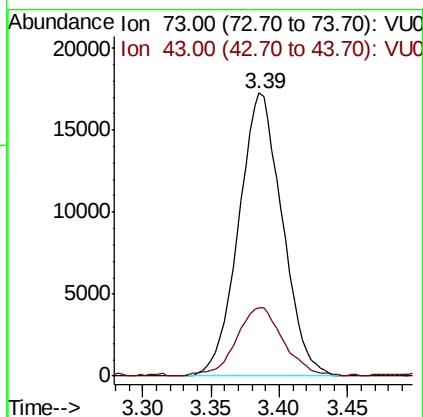
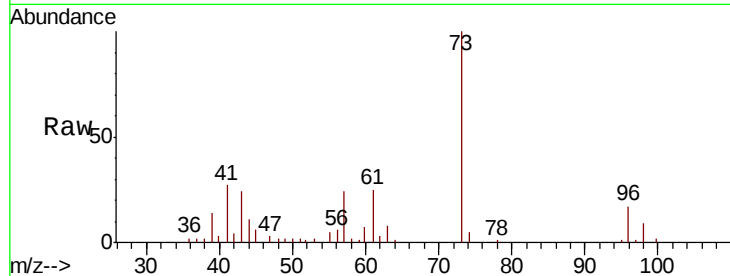


#25

Methyl tert-Butyl Ether
 Concen: 2.505 ug/l
 RT: 3.39 min Scan# 636
 Delta R.T. -0.00 min
 Lab File: VU039697.D
 Acq: 29 Jul 2020 11:41

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

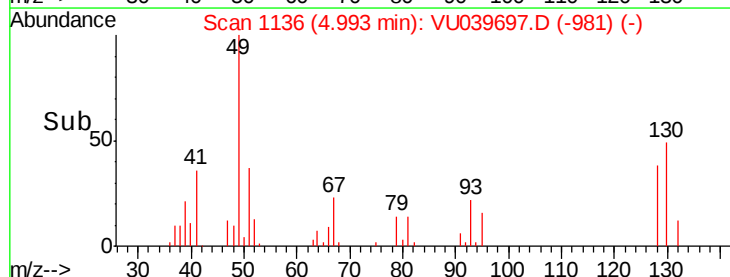
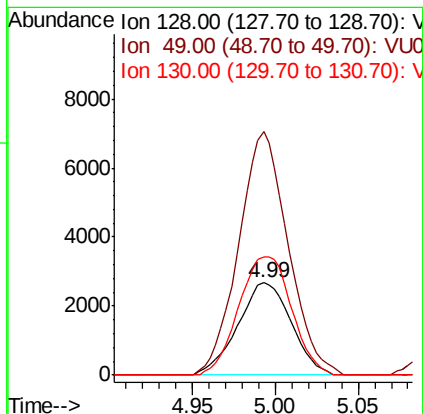
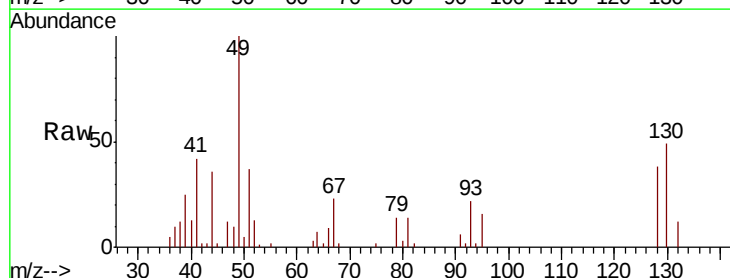
Tot Ion: 73 Resp: 38306
 Ion Ratio Lower Upper
 73 100
 43 26.3 20.1 30.1

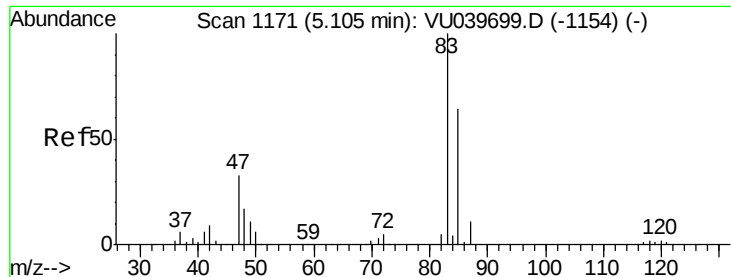


#26

Bromochloromethane
 Concen: 2.368 ug/l
 RT: 4.99 min Scan# 1136
 Delta R.T. -0.00 min
 Lab File: VU039697.D
 Acq: 29 Jul 2020 11:41

Tgt Ion: 128 Resp: 6004
 Ion Ratio Lower Upper
 128 100
 49 242.8 0.0 503.8
 130 126.6 102.7 154.1

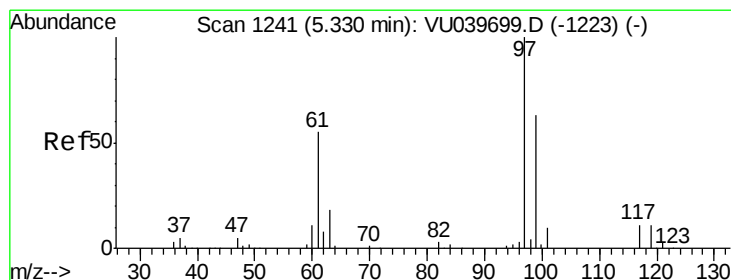
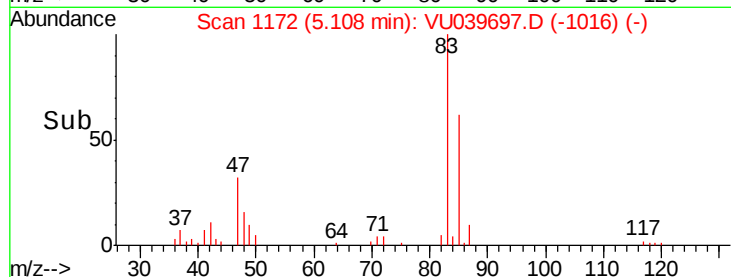
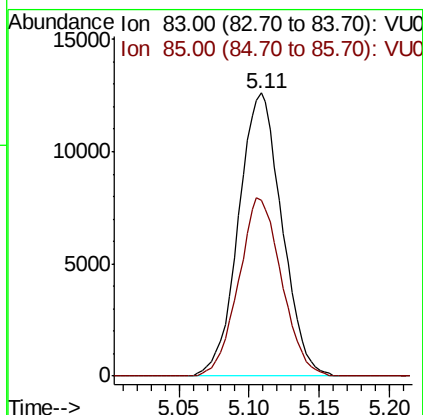
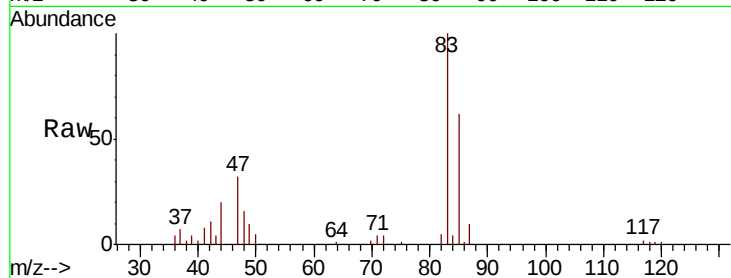




#27
Chloroform
Concen: 2.505 ug/l
RT: 5.11 min Scan# 1172
Delta R.T. 0.00 min
Lab File: VU039697.D
Acq: 29 Jul 2020 11:41

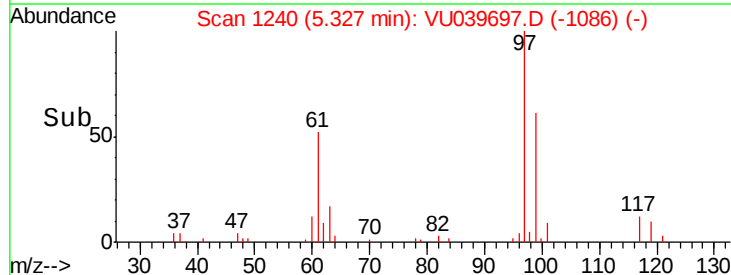
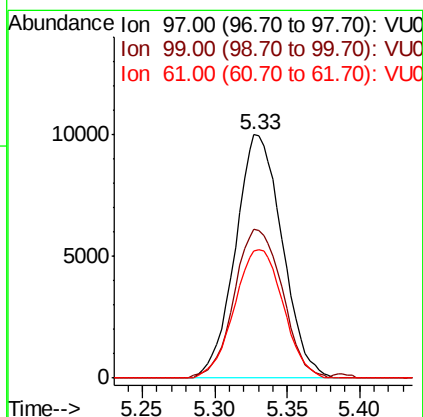
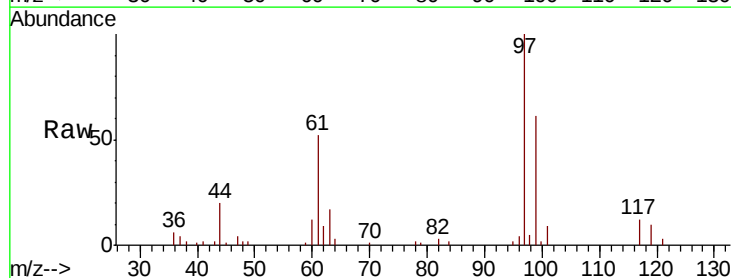
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

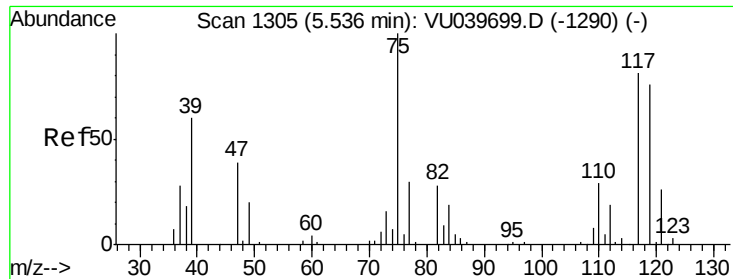
Tot Ion: 83 Resp: 27101
Ion Ratio Lower Upper
83 100
85 62.0 0.0 128.8



#28
1,1,1-Trichloroethane
Concen: 2.530 ug/l
RT: 5.33 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VU039697.D
Acq: 29 Jul 2020 11:41

Tgt Ion: 97 Resp: 22451
Ion Ratio Lower Upper
97 100
99 62.7 32.2 96.6
61 54.8 28.3 85.0

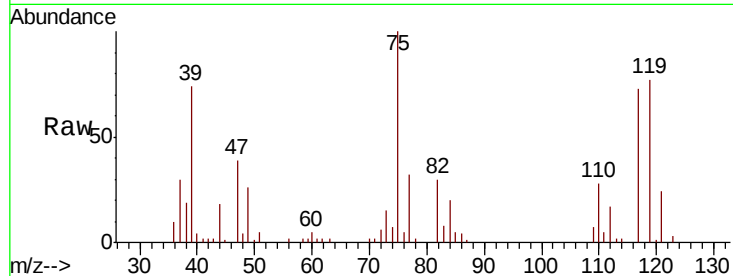




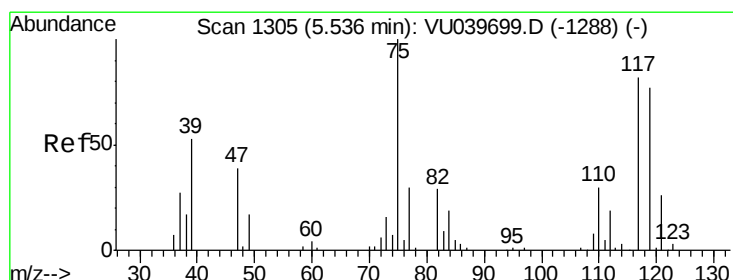
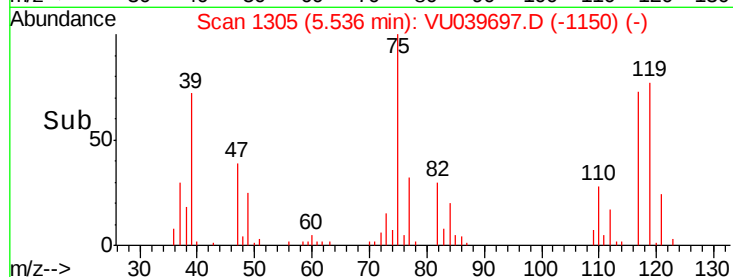
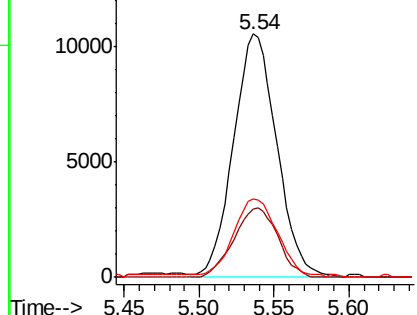
#29
1,1-Dichloropropene
Concen: 2.409 ug/l
RT: 5.54 min Scan# 1305
Delta R.T. -0.00 min
Lab File: VU039697.D
Acq: 29 Jul 2020 11:41

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tot Ion: 75 Resp: 21322
Ion Ratio Lower Upper
75 100
110 28.8 14.6 44.0
77 33.3 25.0 37.4

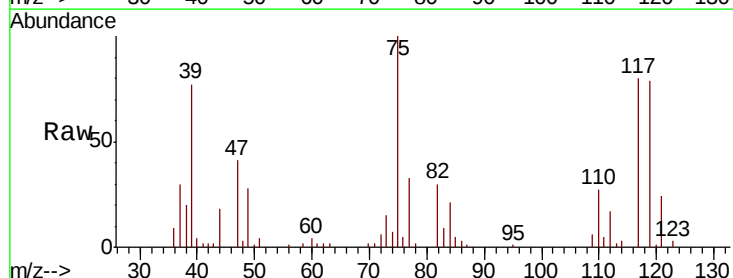


Abundance Ion 75.00 (74.70 to 75.70): VU0
Ion 110.00 (109.70 to 110.70): V
Ion 77.00 (76.70 to 77.70): VU0

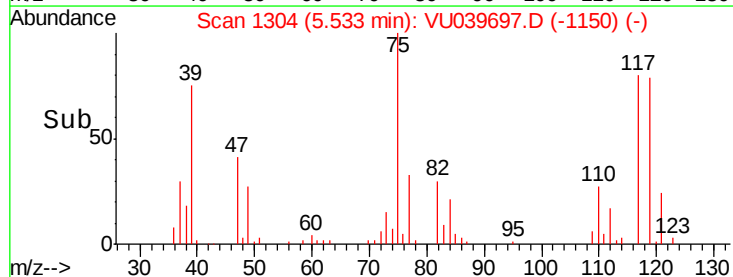
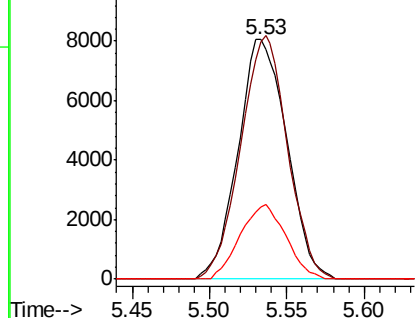


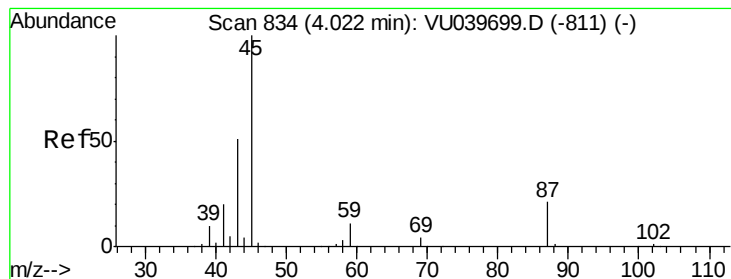
#30
Carbon Tetrachloride
Concen: 2.388 ug/l
RT: 5.53 min Scan# 1304
Delta R.T. -0.00 min
Lab File: VU039697.D
Acq: 29 Jul 2020 11:41

Tgt Ion: 117 Resp: 17662
Ion Ratio Lower Upper
117 100
119 98.9 75.2 112.8
121 30.1 25.4 38.2



Abundance Ion 117.00 (116.70 to 117.70): V
Ion 119.00 (118.70 to 119.70): V
Ion 121.00 (120.70 to 121.70): V





#31

Isopropyl Ether

Concen: 2.706 ug/l

RT: 4.02 min Scan# 834

Delta R.T. -0.00 min

Lab File: VU039697.D

Acq: 29 Jul 2020 11:41

Instrument :

MSVOA_U

ClientSampleId :

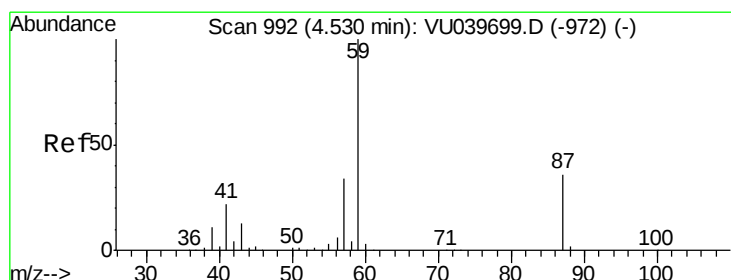
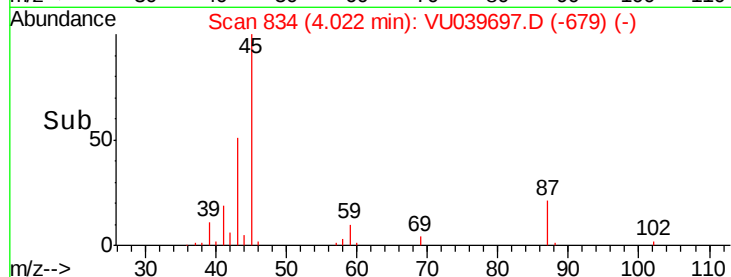
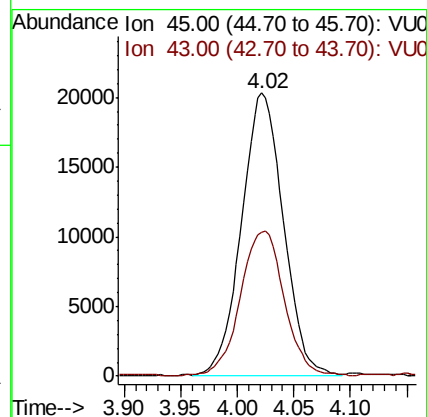
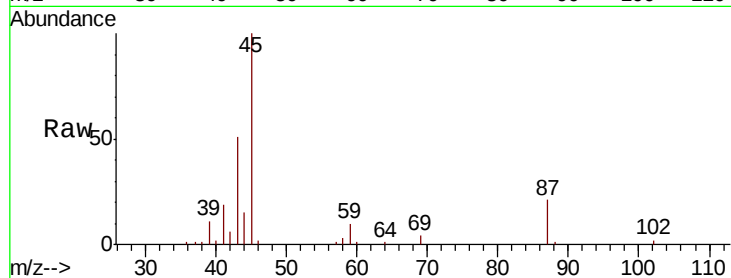
VSTDIC002

Tot Ion: 45 Resp: 52469

Ion Ratio Lower Upper

45 100

43 53.9 26.5 79.4



#32

Ethyl-t-butyl ether

Concen: 2.635 ug/l

RT: 4.53 min Scan# 992

Delta R.T. -0.00 min

Lab File: VU039697.D

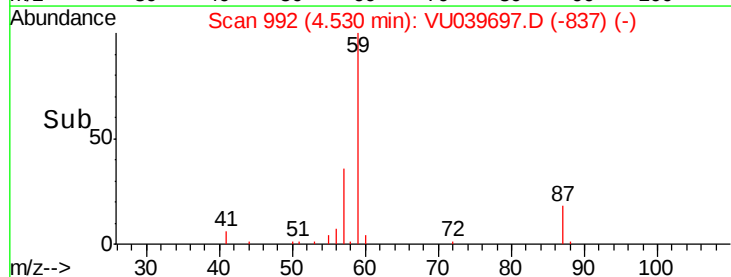
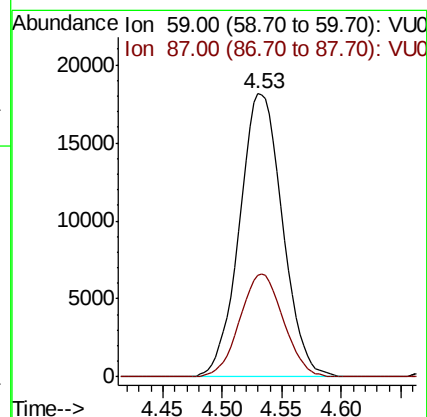
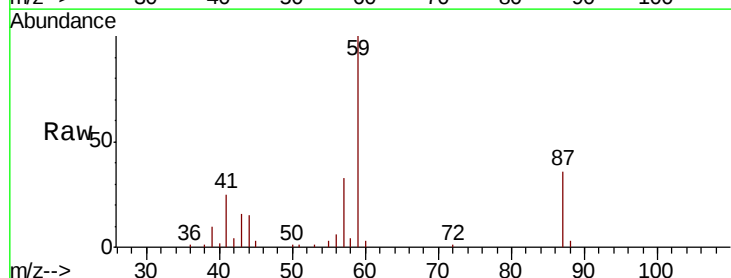
Acq: 29 Jul 2020 11:41

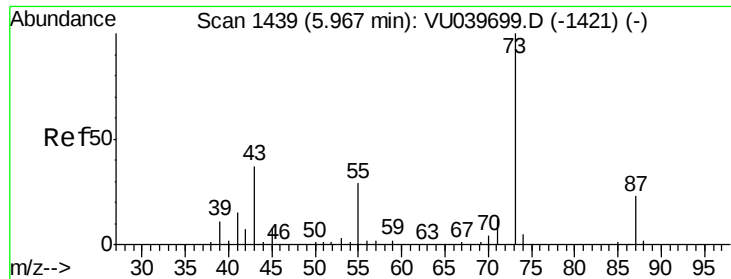
Tgt Ion: 59 Resp: 45566

Ion Ratio Lower Upper

59 100

87 36.7 29.4 44.0

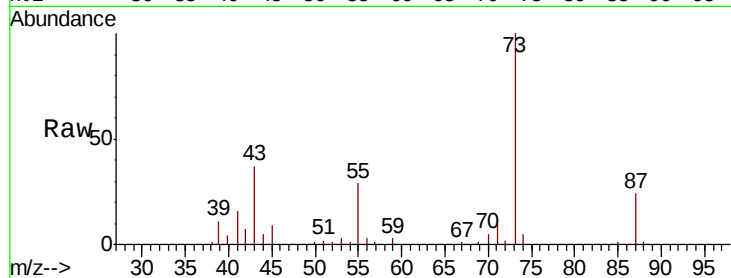




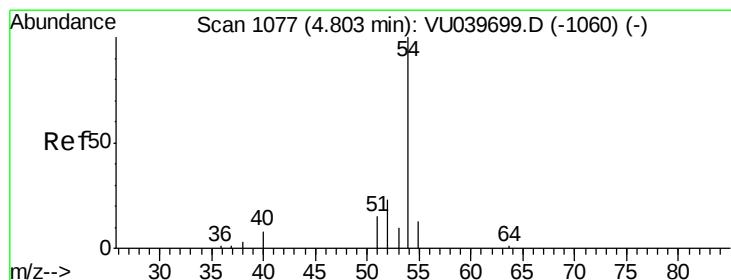
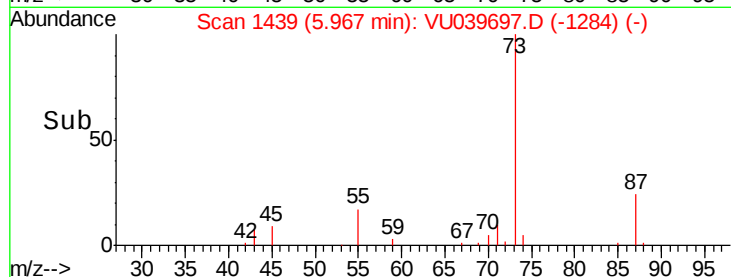
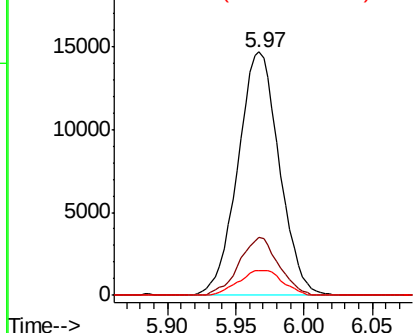
#33
Tert-Butyl methyl ether
Concen: 2.136 ug/l
RT: 5.97 min Scan# 1439
Delta R.T. -0.00 min
Lab File: VU039697.D
Acq: 29 Jul 2020 11:41

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tot Ion: 73 Resp: 30925
Ion Ratio Lower Upper
73 100
87 22.5 18.7 28.1
71 10.9 9.1 13.7

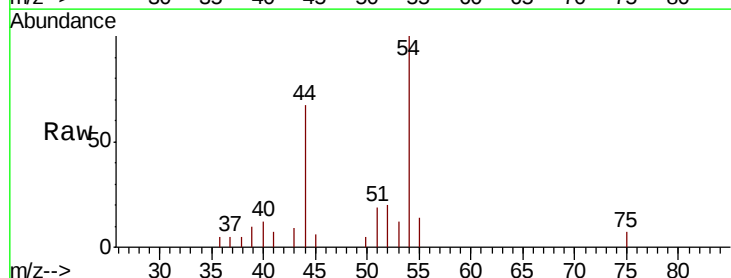


Abundance Ion 73.00 (72.70 to 73.70): VU0
Ion 87.00 (86.70 to 87.70): VU0
Ion 71.00 (70.70 to 71.70): VU0

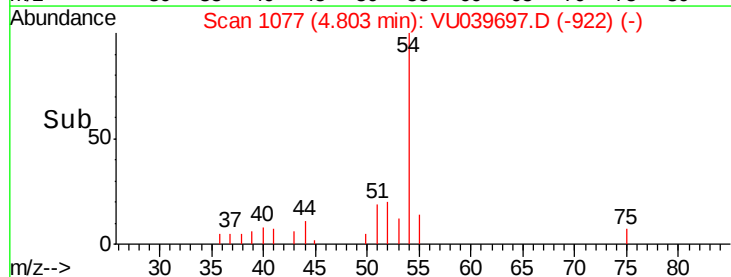
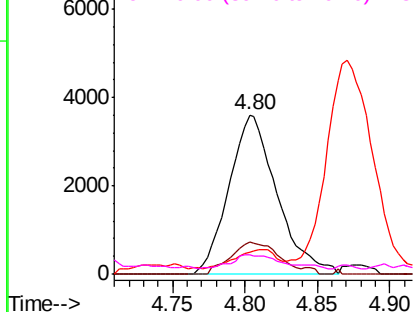


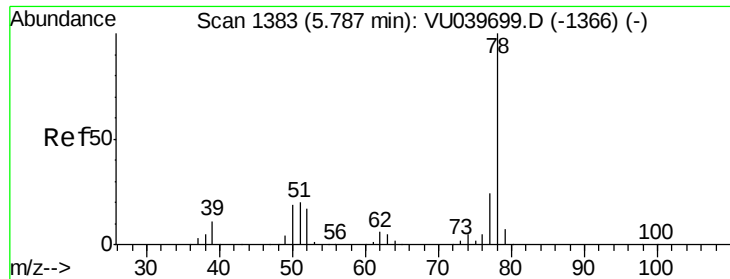
#34
Propionitrile
Concen: 15.145 ug/l
RT: 4.80 min Scan# 1077
Delta R.T. -0.00 min
Lab File: VU039697.D
Acq: 29 Jul 2020 11:41

Tgt Ion: 54 Resp: 8253
Ion Ratio Lower Upper
54 100
52 19.8 16.9 25.3
55 11.1 12.9 19.3#
40 7.1 6.2 9.2



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





#35

Benzene

Concen: 2.066 ug/l

RT: 5.79 min Scan# 1383

Delta R.T. -0.00 min

Lab File: VU039697.D

Acq: 29 Jul 2020 11:41

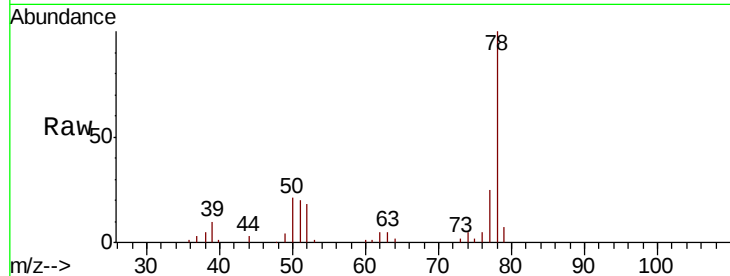
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tot Ion: 78 Resp: 50162

Ion Ratio Lower Upper

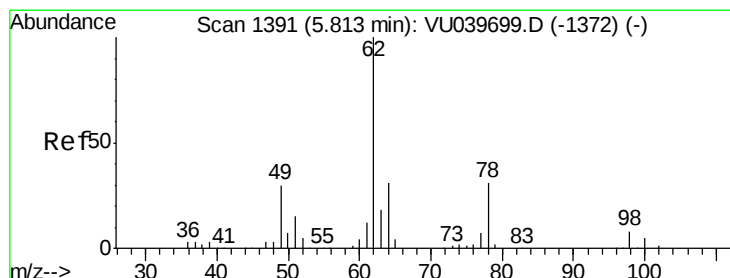
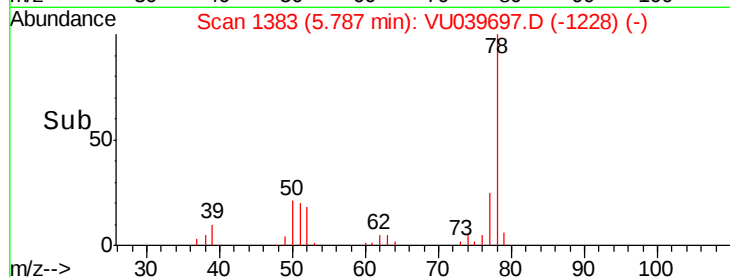
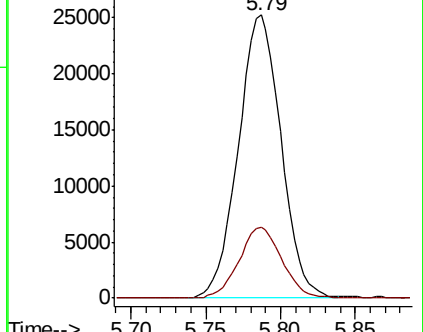
78 100

77 24.9 19.2 28.8



Abundance Ion 78.10 (77.80 to 78.80): VU039697.D (-1366) (-)

Ion 77.00 (76.70 to 77.70): VU039697.D (-1366) (-)



#36

1,2-Dichloroethane

Concen: 2.606 ug/l

RT: 5.82 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VU039697.D

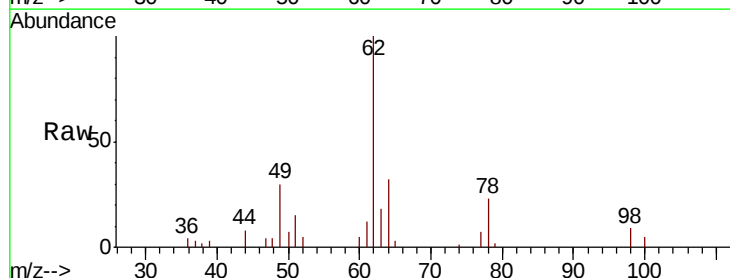
Acq: 29 Jul 2020 11:41

Tgt Ion: 62 Resp: 19580

Ion Ratio Lower Upper

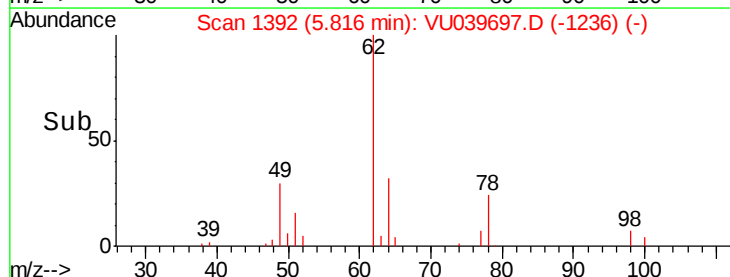
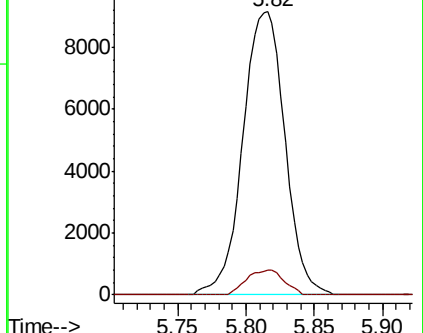
62 100

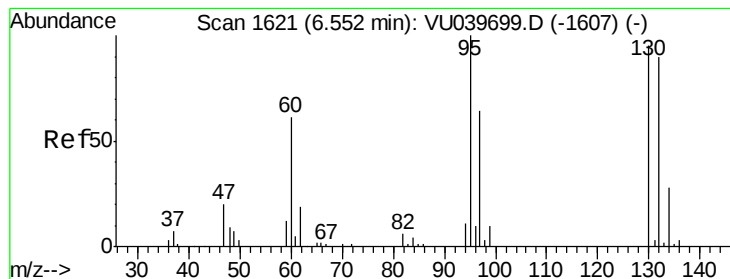
98 7.8 6.2 9.2



Abundance Ion 62.00 (61.70 to 62.70): VU039697.D (-1372) (-)

Ion 98.00 (97.70 to 98.70): VU039697.D (-1372) (-)





#37

Trichloroethene

Concen: 1.882 ug/l

RT: 6.55 min Scan# 1621

Delta R.T. -0.00 min

Lab File: VU039697.D

Acq: 29 Jul 2020 11:41

Instrument :

MSVOA_U

ClientSampleId :

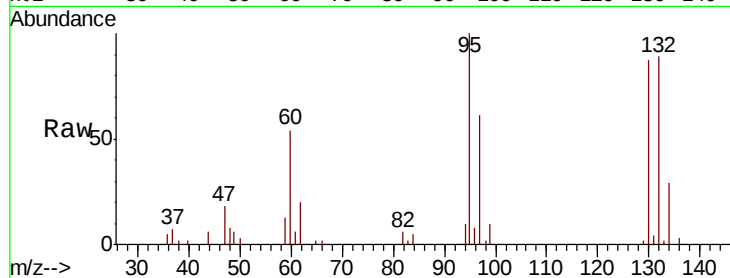
VSTDIC002

Tot Ion:130 Resp: 11832

Ion Ratio Lower Upper

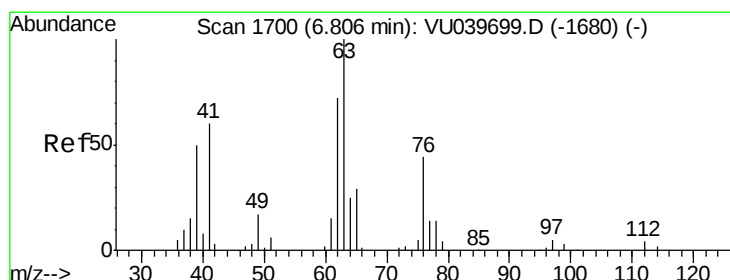
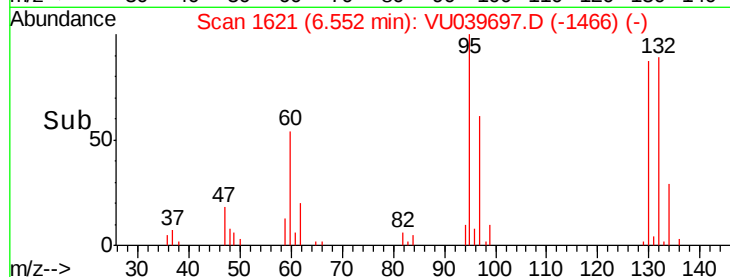
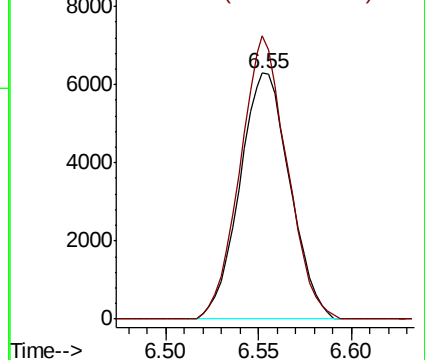
130 100

95 115.1 84.3 126.5



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

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



#38

1,2-Dichloropropane

Concen: 2.148 ug/l

RT: 6.81 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VU039697.D

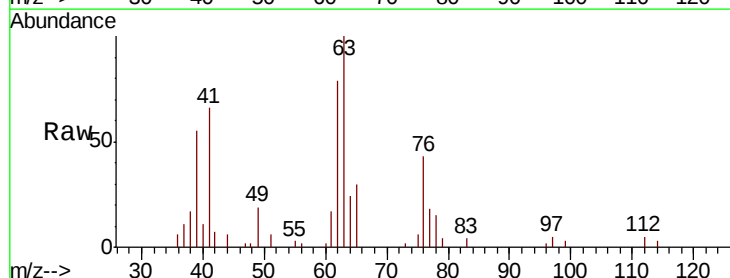
Acq: 29 Jul 2020 11:41

Tgt Ion: 63 Resp: 14240

Ion Ratio Lower Upper

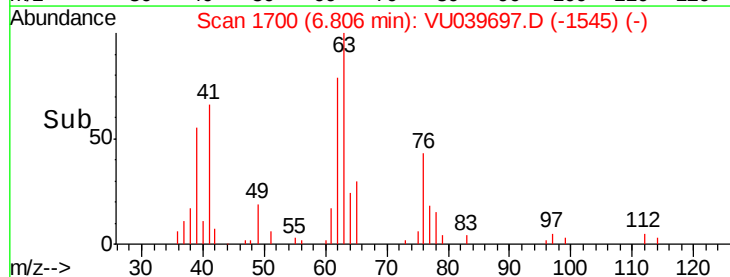
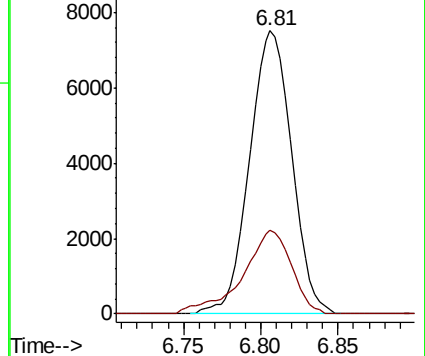
63 100

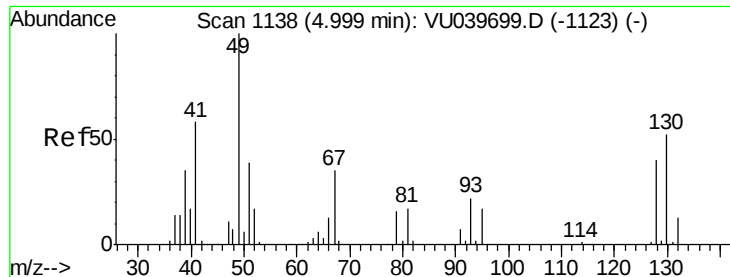
65 29.7 23.8 35.6



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

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

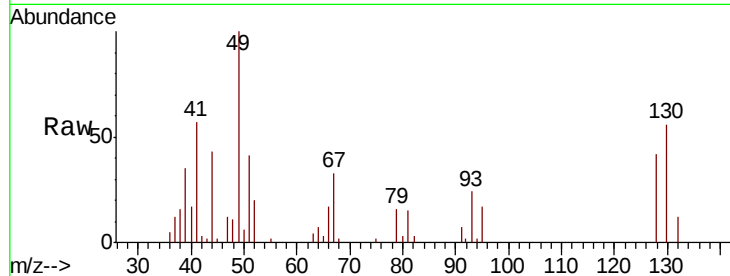




#39
Methacrylonitrile
Concen: 3.222 ug/l
RT: 5.00 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VU039697.D
Acq: 29 Jul 2020 11:41

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tot Ion:	41	Resp:	8290
Ion	Ratio	Lower	Upper
41	100		
67	56.1	48.3	72.5
39	52.1	47.6	71.4
52	30.0	23.9	35.9



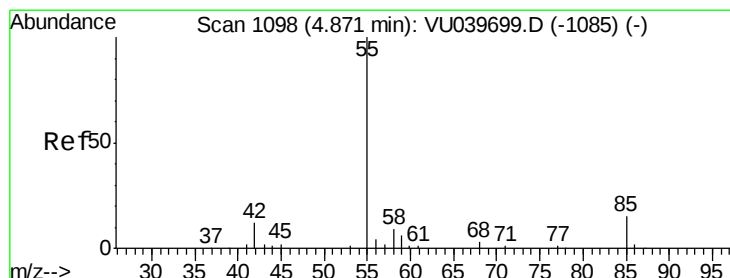
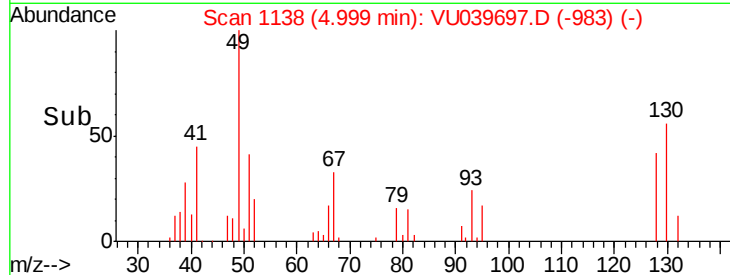
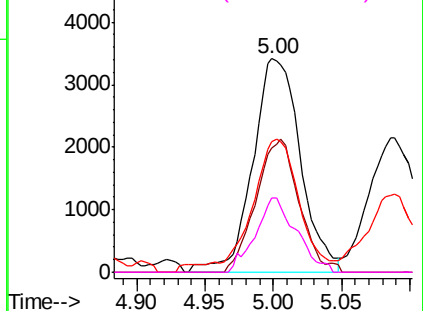
Abundance

Ion 41.00 (40.70 to 41.70): VU0

Ion 67.00 (66.70 to 67.70): VU0

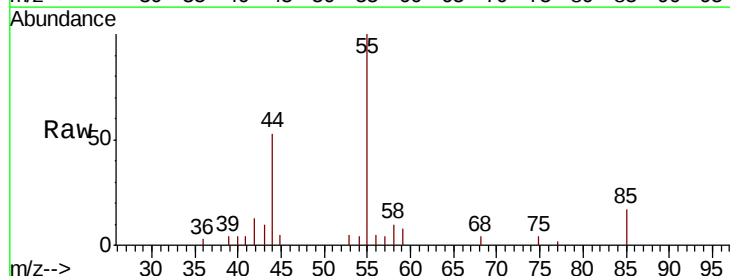
Ion 39.00 (38.70 to 39.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



#40
Methyl acrylate
Concen: 2.899 ug/l
RT: 4.87 min Scan# 1098
Delta R.T. -0.00 min
Lab File: VU039697.D
Acq: 29 Jul 2020 11:41

Tgt Ion:	55	Resp:	10832
Ion	Ratio	Lower	Upper
55	100		
85	13.4	11.4	17.0
58	8.6	7.4	11.0
42	13.3	10.3	15.5



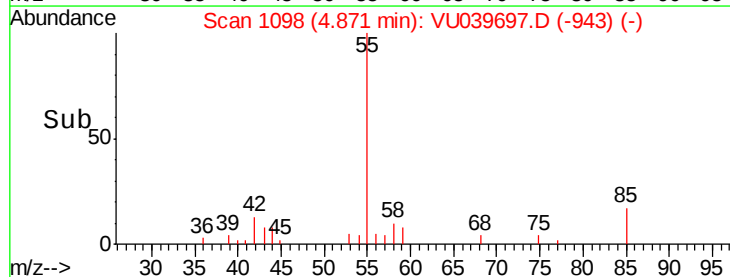
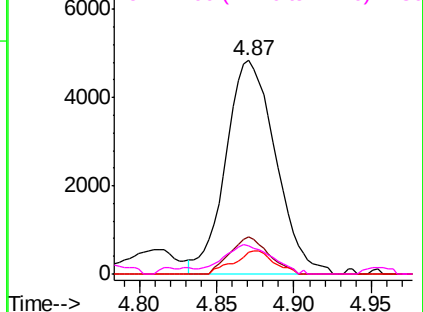
Abundance

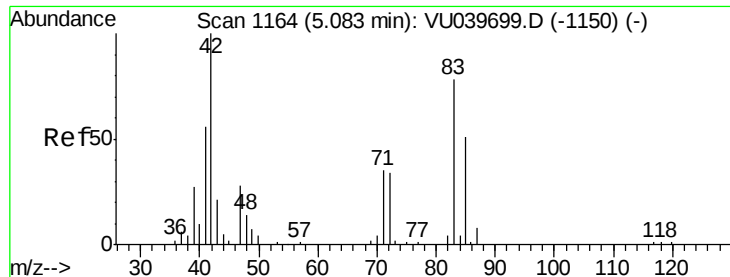
Ion 55.00 (54.70 to 55.70): VU0

Ion 85.00 (84.70 to 85.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 42.00 (41.70 to 42.70): VU0





#41

Tetrahydrofuran

Concen: 6.096 ug/l

RT: 5.09 min Scan# 1166

Delta R.T. 0.01 min

Lab File: VU039697.D

Acq: 29 Jul 2020 11:41

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

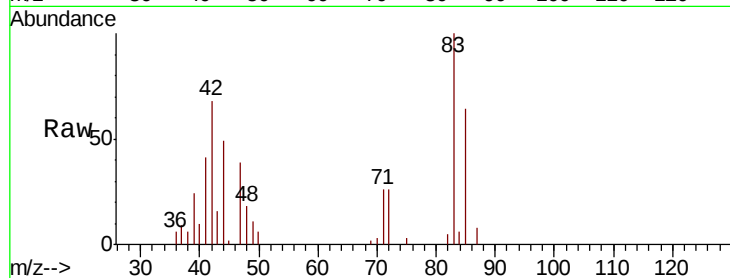
Tot Ion: 42 Resp: 7883

Ion Ratio Lower Upper

42 100

72 39.1 31.0 46.6

71 35.0 28.2 42.4

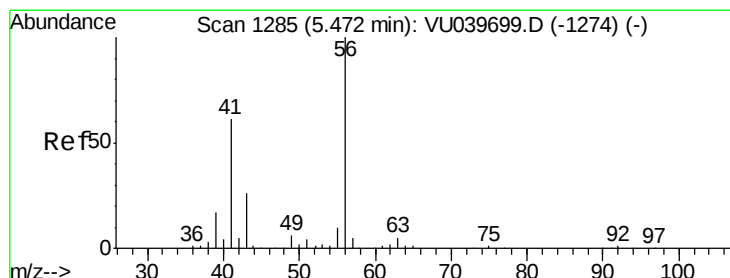
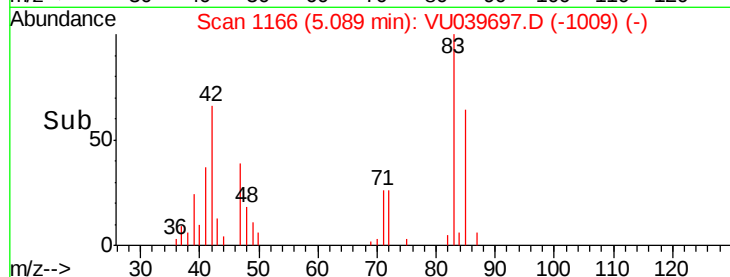
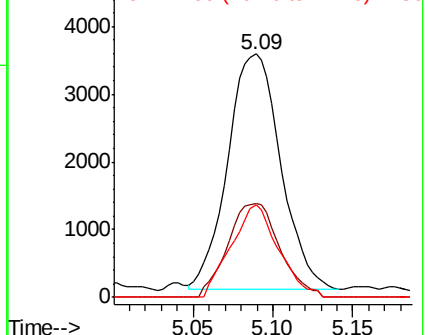


Abundance

Ion 42.00 (41.70 to 42.70): VU0

Ion 72.00 (71.70 to 72.70): VU0

Ion 71.00 (70.70 to 71.70): VU0



#42

1-Chlorobutane

Concen: 2.555 ug/l

RT: 5.47 min Scan# 1285

Delta R.T. -0.00 min

Lab File: VU039697.D

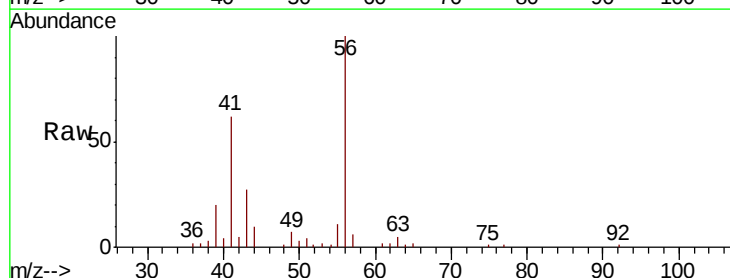
Acq: 29 Jul 2020 11:41

Tgt Ion: 56 Resp: 33161

Ion Ratio Lower Upper

56 100

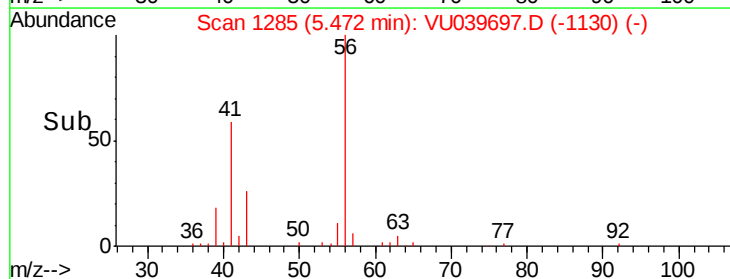
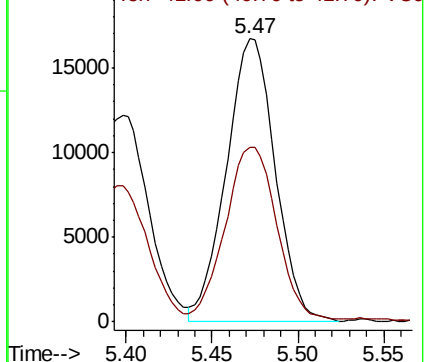
41 63.2 30.5 91.5

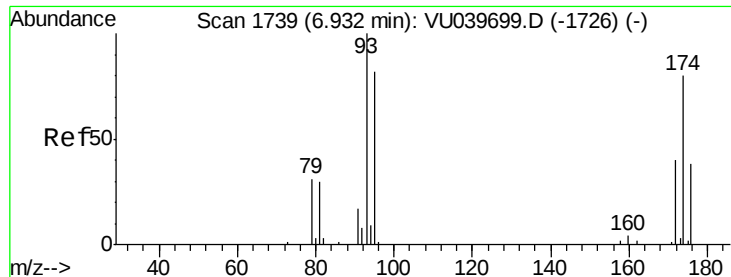


Abundance

Ion 56.00 (55.70 to 56.70): VU0

Ion 41.00 (40.70 to 41.70): VU0





#43

Dibromomethane

Concen: 2.451 ug/l

RT: 6.93 min Scan# 1739

Delta R.T. -0.00 min

Lab File: VU039697.D

Acq: 29 Jul 2020 11:41

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

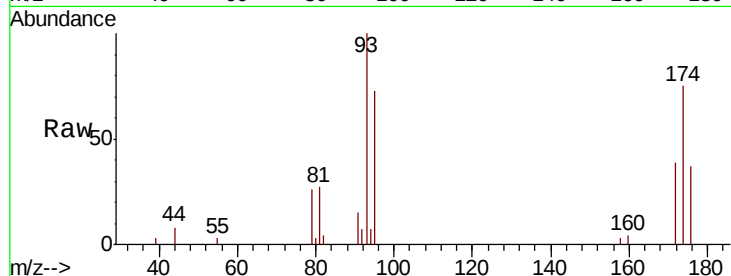
Tot Ion: 93 Resp: 7711

Ion Ratio Lower Upper

93 100

95 80.8 66.6 99.8

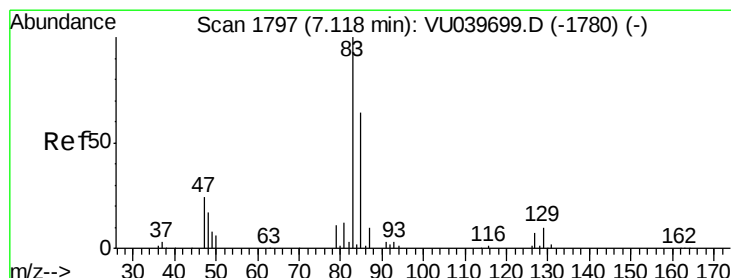
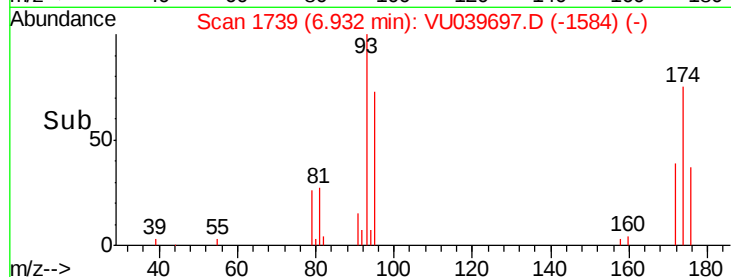
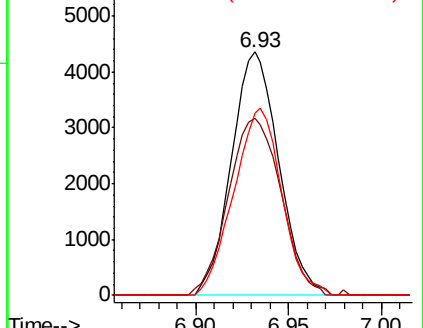
174 78.0 62.7 94.1



Abundance Ion 93.00 (92.70 to 93.70): VU039697.D (-1726) (-)

Ion 95.00 (94.70 to 95.70): VU039697.D (-1726) (-)

Ion 174.00 (173.70 to 174.70): VU039697.D (-1726) (-)



#44

Bromodichloromethane

Concen: 2.152 ug/l

RT: 7.12 min Scan# 1797

Delta R.T. -0.00 min

Lab File: VU039697.D

Acq: 29 Jul 2020 11:41

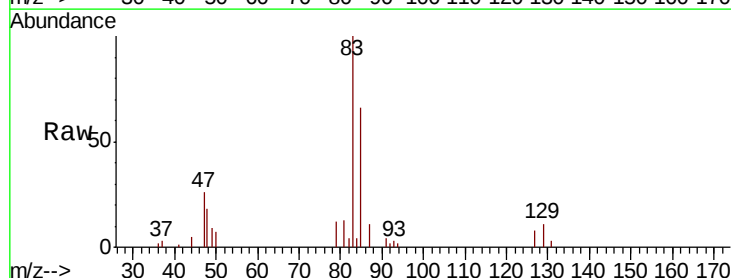
Tgt Ion: 83 Resp: 16828

Ion Ratio Lower Upper

83 100

85 66.4 50.8 76.2

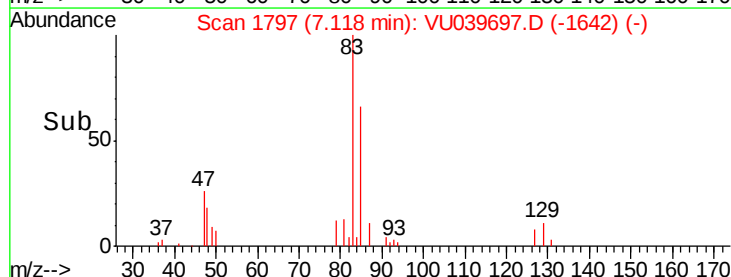
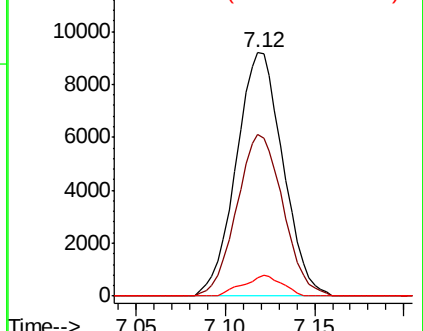
127 7.8 5.8 8.6

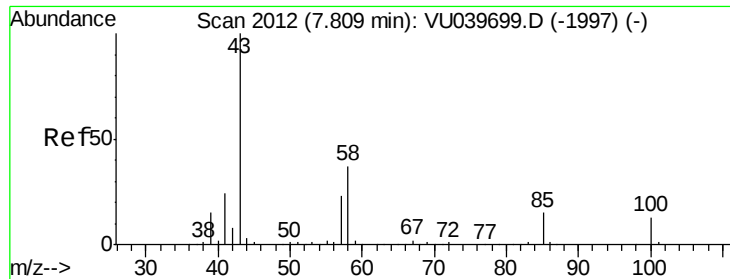


Abundance Ion 83.00 (82.70 to 83.70): VU039697.D (-1780) (-)

Ion 85.00 (84.70 to 85.70): VU039697.D (-1780) (-)

Ion 127.00 (126.70 to 127.70): VU039697.D (-1780) (-)

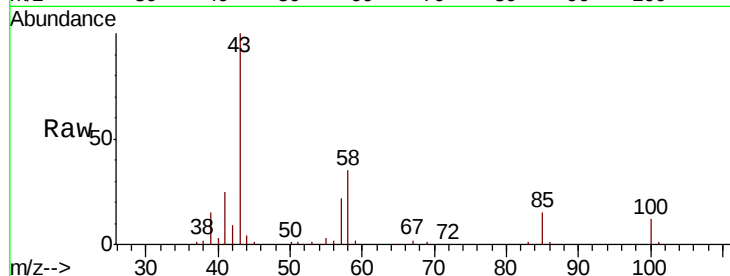




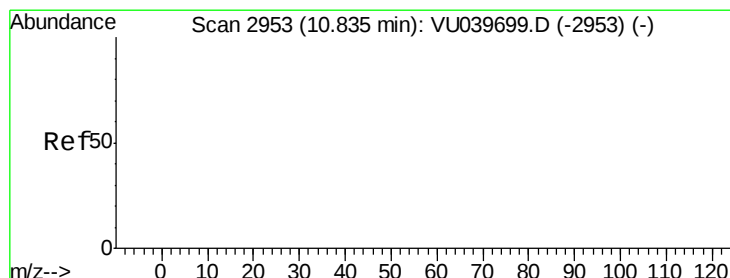
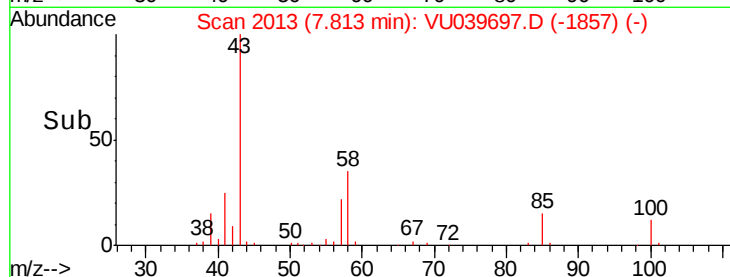
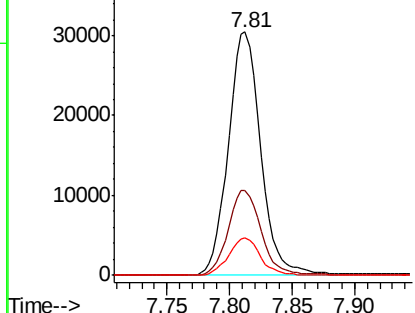
#45
4-Methyl-2-Pentanone
Concen: 12.383 ug/l
RT: 7.81 min Scan# 2013
Delta R.T. 0.00 min
Lab File: VU039697.D
Acq: 29 Jul 2020 11:41

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tot Ion: 43 Resp: 54848
Ion Ratio Lower Upper
43 100
58 35.6 18.4 55.0
85 14.8 11.8 17.6

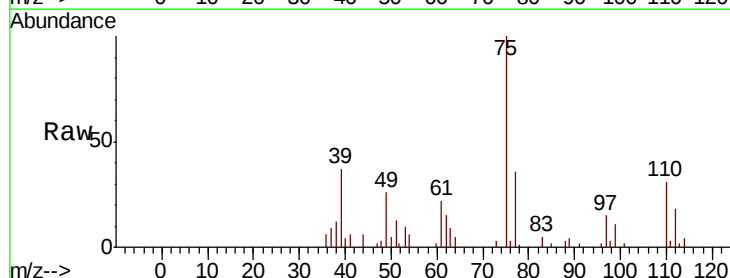


Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0
Ion 85.00 (84.70 to 85.70): VU0

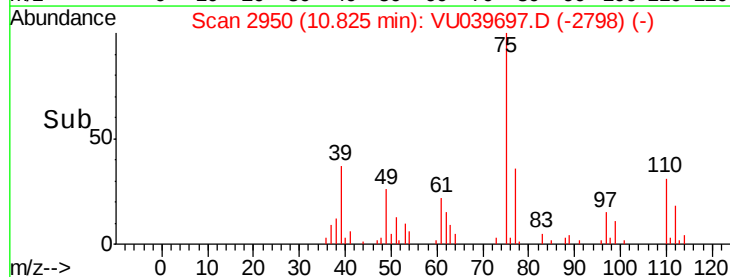
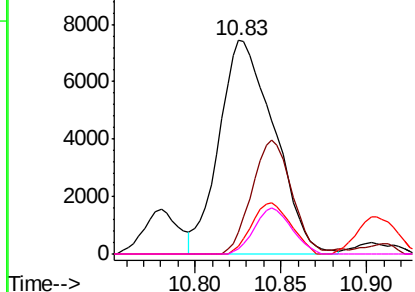


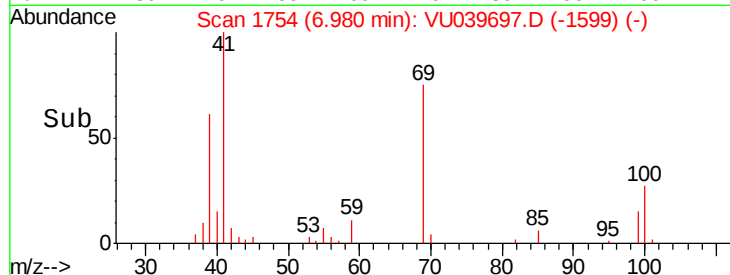
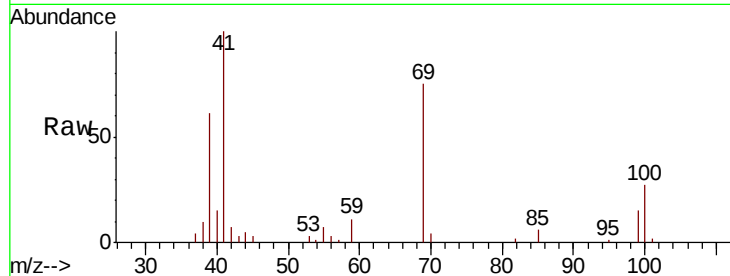
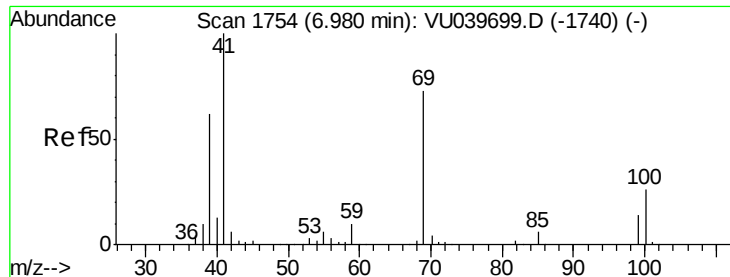
#46
t-1,4-Dichloro-2-butene
Concen: 12.271 ug/l
RT: 10.83 min Scan# 2950
Delta R.T. -0.01 min
Lab File: VU039697.D
Acq: 29 Jul 2020 11:41

Tgt Ion: 75 Resp: 16609
Ion Ratio Lower Upper
75 100
53 38.3 78.6 118.0#
89 16.7 40.3 60.5#
88 14.6 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

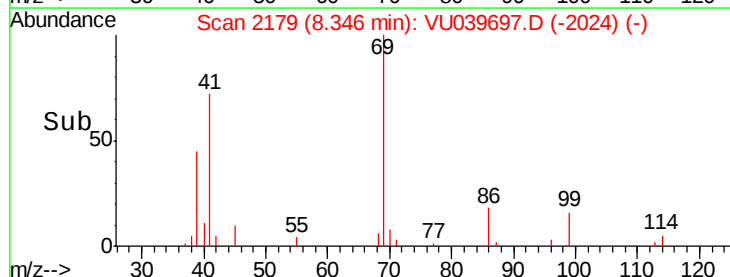
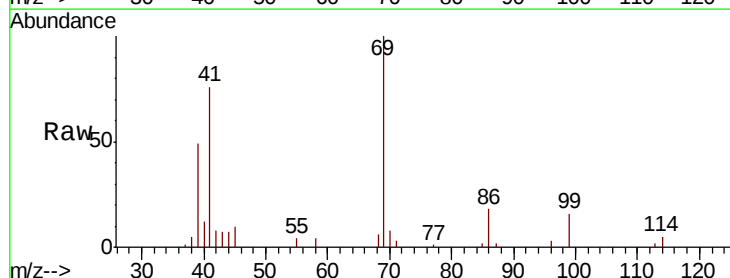
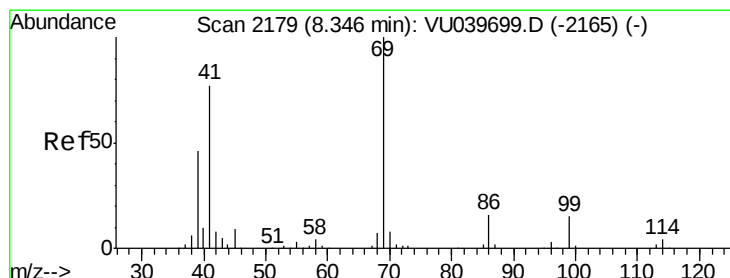
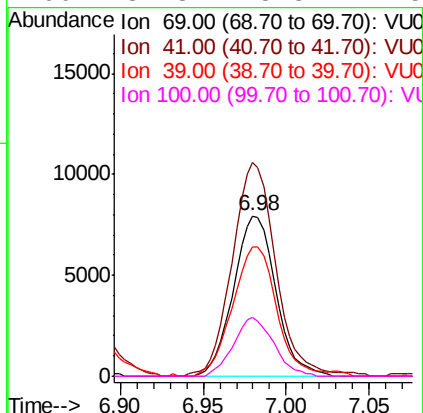




#47
Methyl methacrylate
Concen: 4.430 ug/l
RT: 6.98 min Scan# 1754
Delta R.T. -0.00 min
Lab File: VU039697.D
Acq: 29 Jul 2020 11:41

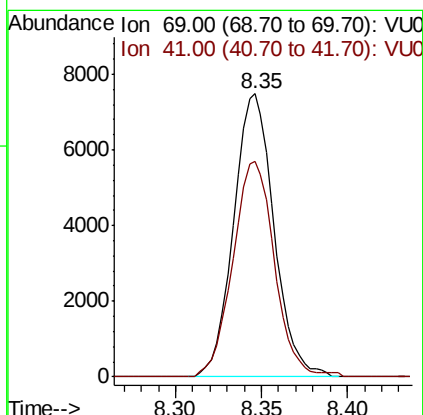
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tot Ion: 69 Resp: 14122
Ion Ratio Lower Upper
69 100
41 137.6 0.0 271.6
39 85.1 67.4 101.2
100 34.8 28.3 42.5



#48
Ethyl methacrylate
Concen: 2.085 ug/l
RT: 8.35 min Scan# 2179
Delta R.T. -0.00 min
Lab File: VU039697.D
Acq: 29 Jul 2020 11:41

Tgt Ion: 69 Resp: 12235
Ion Ratio Lower Upper
69 100
41 78.0 39.1 117.5





#49

Toluene

Concen: 1.948 ug/l

RT: 7.98 min Scan# 2064

Delta R.T. -0.00 min

Lab File: VU039697.D

Acq: 29 Jul 2020 11:41

Instrument :

MSVOA_U

ClientSampleId :

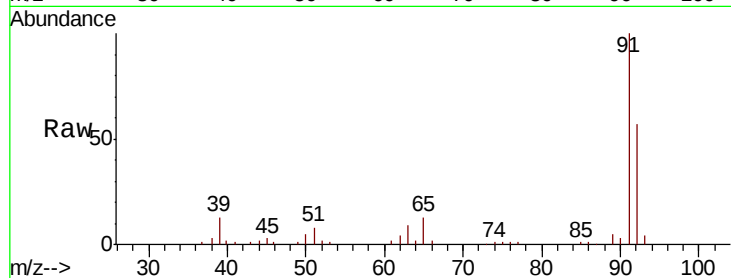
VSTDIC002

Tot Ion: 92 Resp: 29887

Ion Ratio Lower Upper

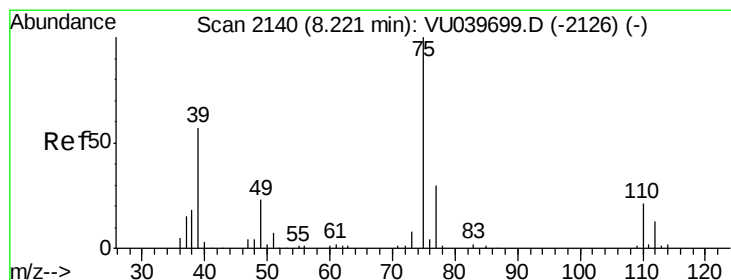
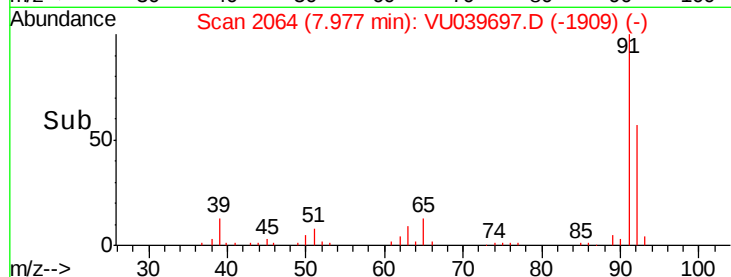
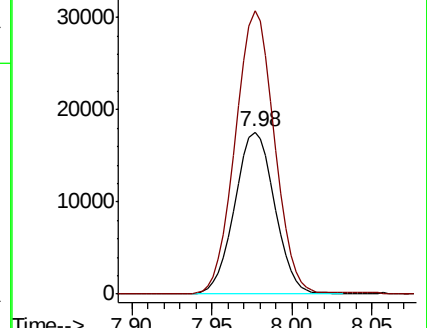
92 100

91 170.4 136.1 204.1



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

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



#50

t-1,3-Dichloropropene

Concen: 1.885 ug/l

RT: 8.22 min Scan# 2140

Delta R.T. -0.00 min

Lab File: VU039697.D

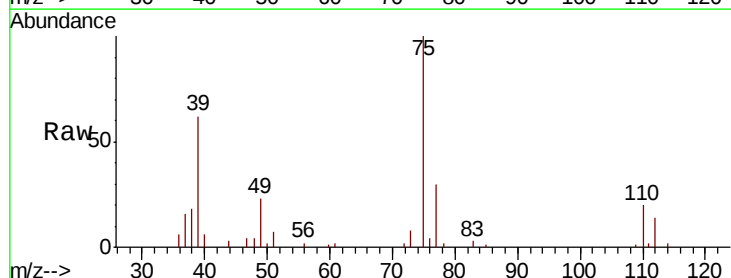
Acq: 29 Jul 2020 11:41

Tgt Ion: 75 Resp: 14849

Ion Ratio Lower Upper

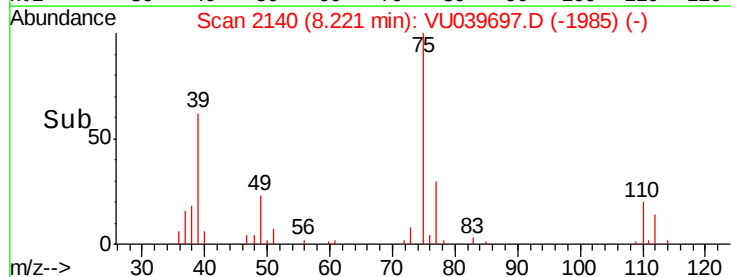
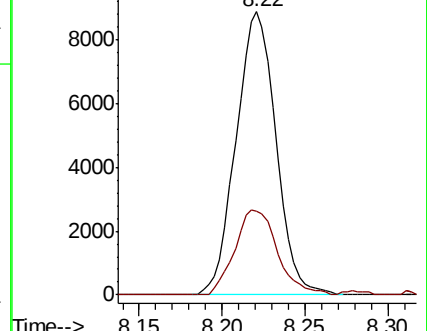
75 100

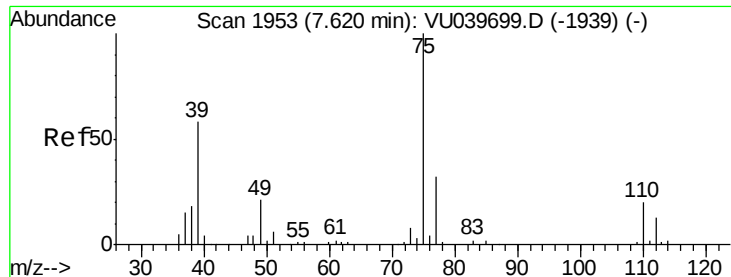
77 29.7 24.3 36.5



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

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



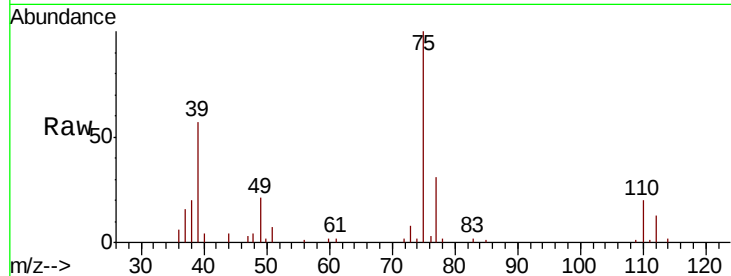


#51

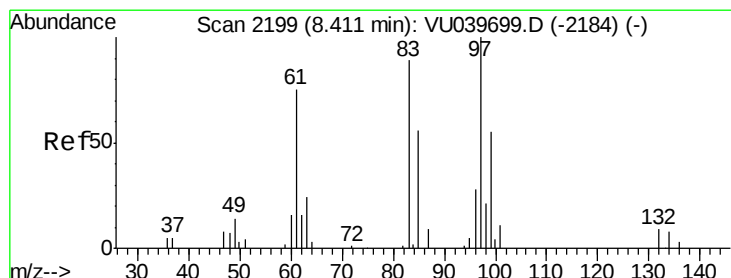
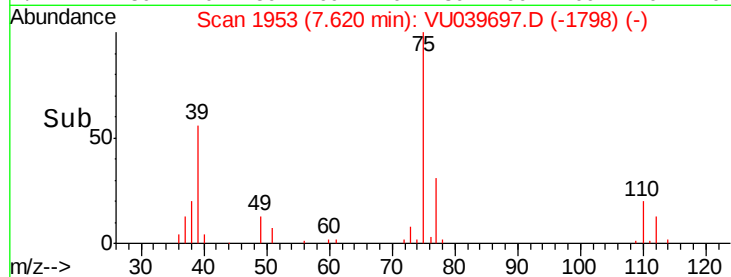
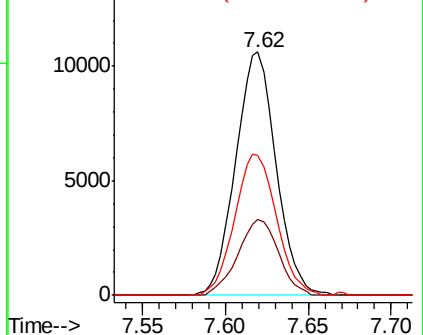
cis-1,3-Dichloropropene
Concen: 1.923 ug/l
RT: 7.62 min Scan# 1953
Delta R.T. -0.00 min
Lab File: VU039697.D
Acq: 29 Jul 2020 11:41

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tot Ion: 75 Resp: 18014
Ion Ratio Lower Upper
75 100
77 31.0 25.7 38.5
39 57.3 46.1 69.1



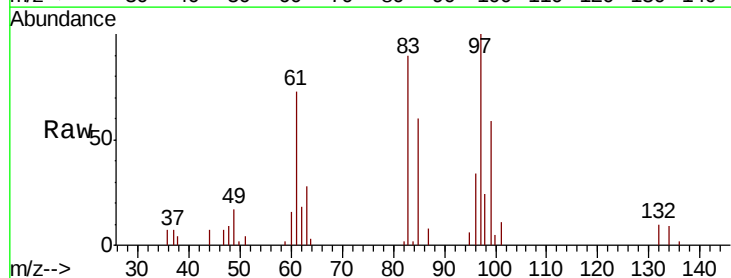
Abundance Ion 75.00 (74.70 to 75.70): VU0
Ion 77.00 (76.70 to 77.70): VU0
Ion 39.00 (38.70 to 39.70): VU0



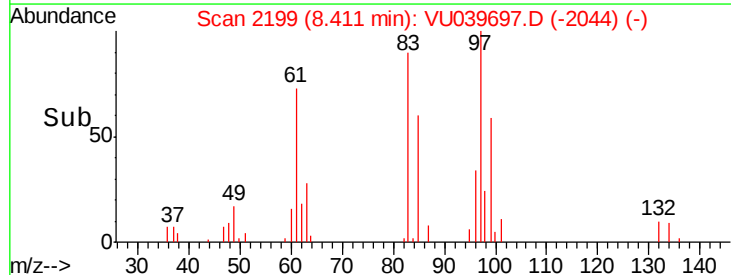
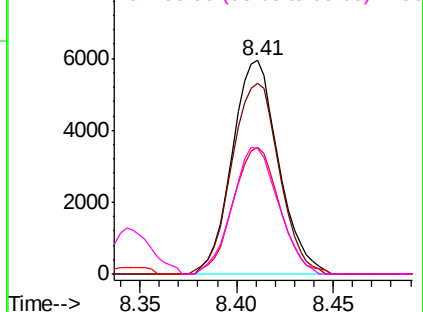
#52

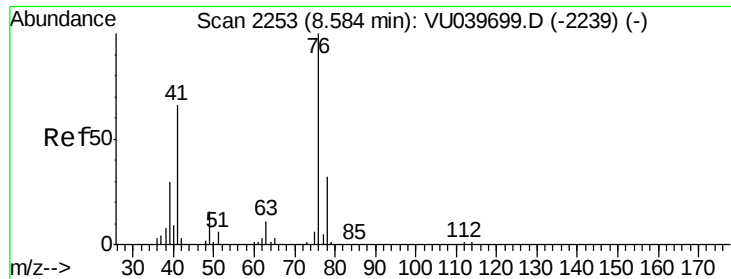
1,1,2-Trichloroethane
Concen: 2.255 ug/l
RT: 8.41 min Scan# 2199
Delta R.T. -0.00 min
Lab File: VU039697.D
Acq: 29 Jul 2020 11:41

Tgt Ion: 97 Resp: 9919
Ion Ratio Lower Upper
97 100
83 89.6 71.3 106.9
85 59.6 45.4 68.2
99 59.0 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

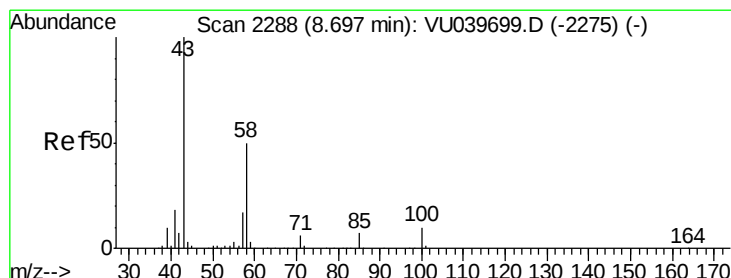
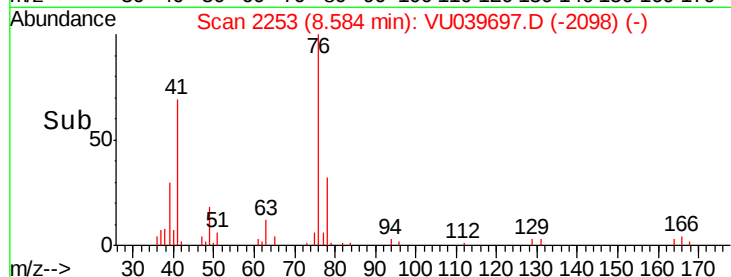
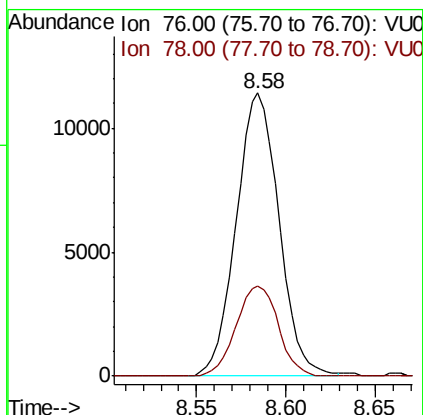
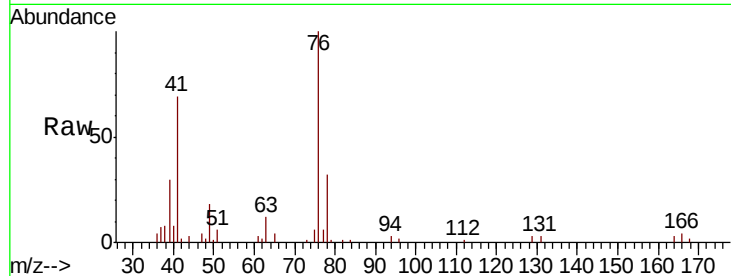




#53
 1,3-Dichloropropane
 Concen: 2.305 ug/l
 RT: 8.58 min Scan# 2253
 Delta R.T. -0.00 min
 Lab File: VU039697.D
 Acq: 29 Jul 2020 11:41

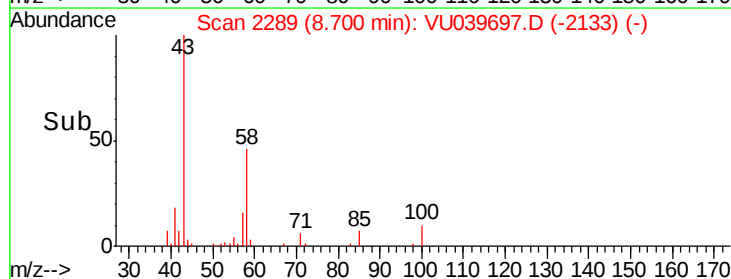
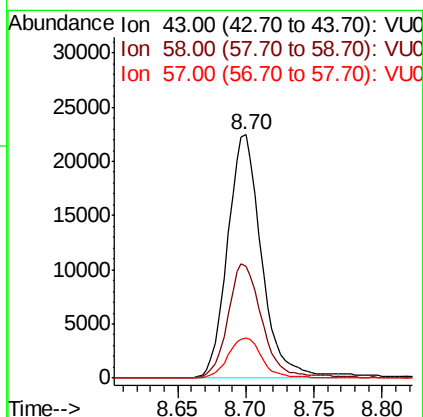
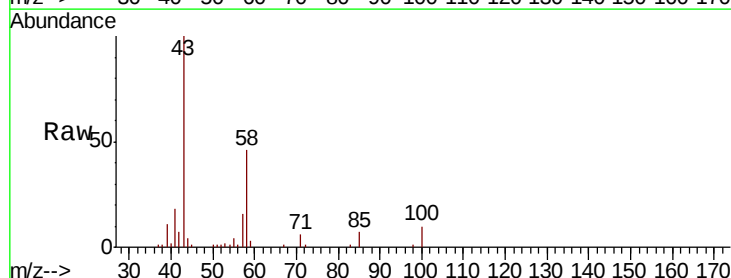
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

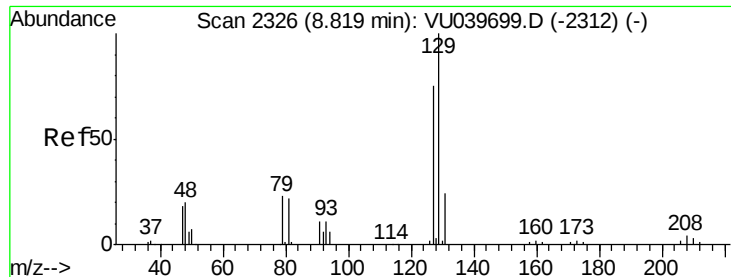
Tot Ion: 76 Resp: 19077
 Ion Ratio Lower Upper
 76 100
 78 31.3 25.4 38.2



#54
 2-Hexanone
 Concen: 12.392 ug/l
 RT: 8.70 min Scan# 2289
 Delta R.T. 0.00 min
 Lab File: VU039697.D
 Acq: 29 Jul 2020 11:41

Tgt Ion: 43 Resp: 38924
 Ion Ratio Lower Upper
 43 100
 58 46.4 29.9 69.9
 57 16.3 0.0 37.2

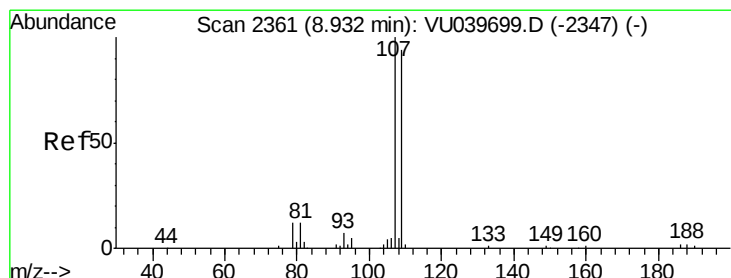
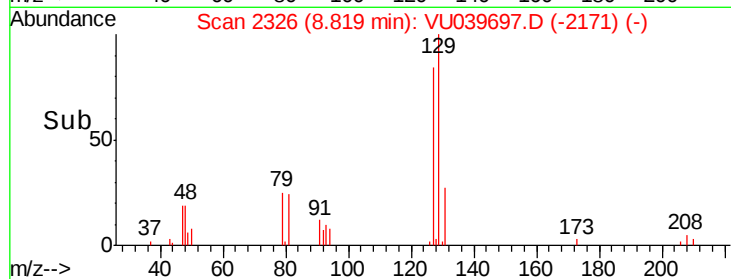
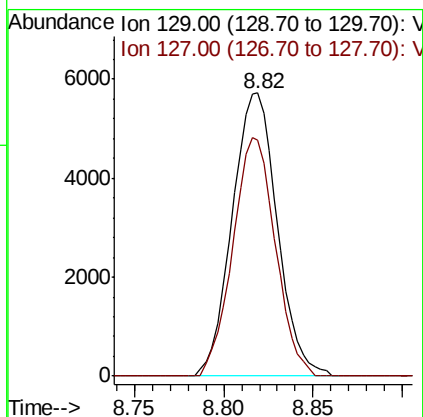
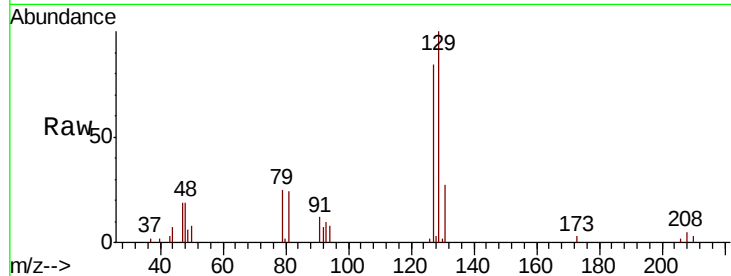




#55
 Dibromochloromethane
 Concen: 2.074 ug/l
 RT: 8.82 min Scan# 2326
 Delta R.T. -0.00 min
 Lab File: VU039697.D
 Acq: 29 Jul 2020 11:41

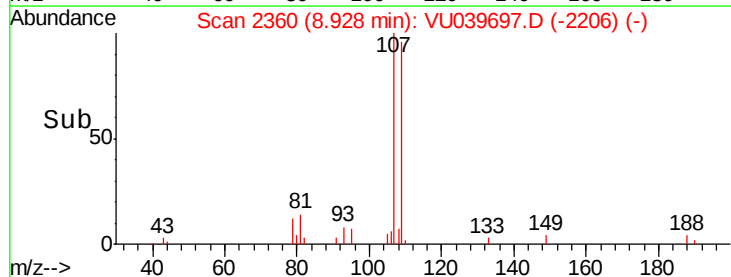
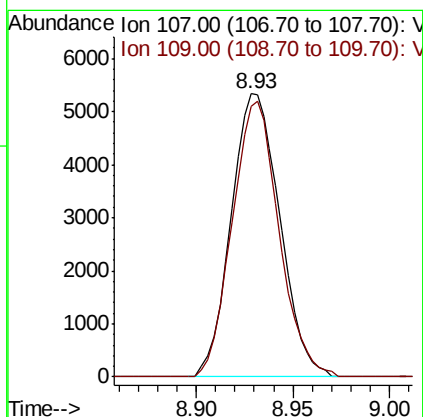
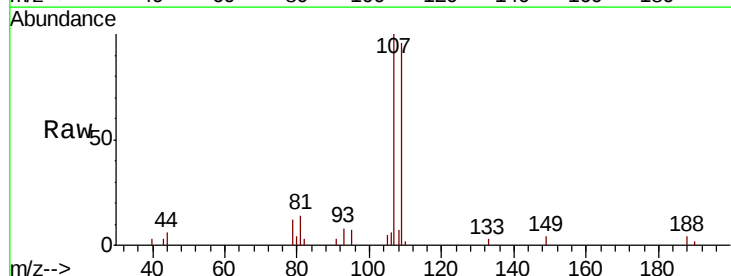
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

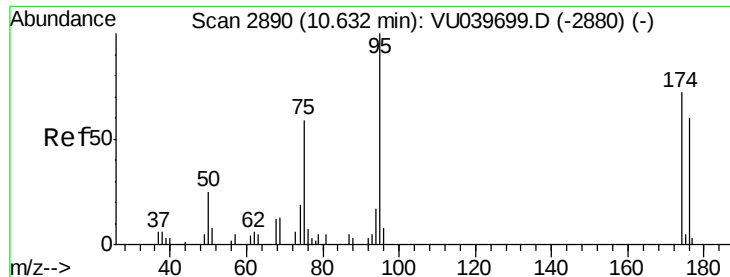
Tot Ion:129 Resp: 10099
 Ion Ratio Lower Upper
 129 100
 127 79.6 62.4 93.6



#56
 1,2-Dibromoethane
 Concen: 2.227 ug/l
 RT: 8.93 min Scan# 2360
 Delta R.T. -0.00 min
 Lab File: VU039697.D
 Acq: 29 Jul 2020 11:41

Tgt Ion:107 Resp: 9313
 Ion Ratio Lower Upper
 107 100
 109 94.0 0.0 185.2

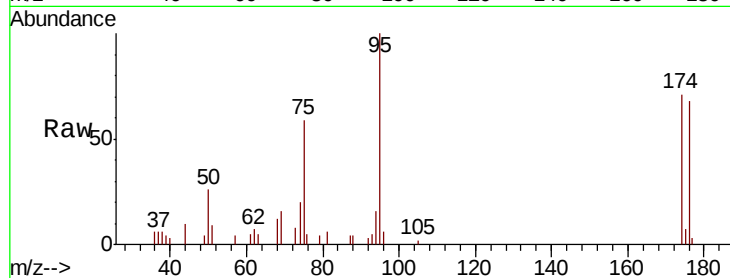




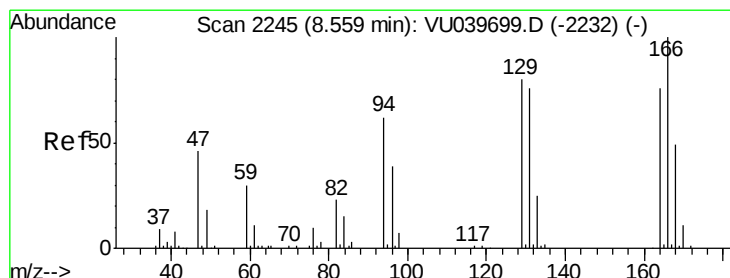
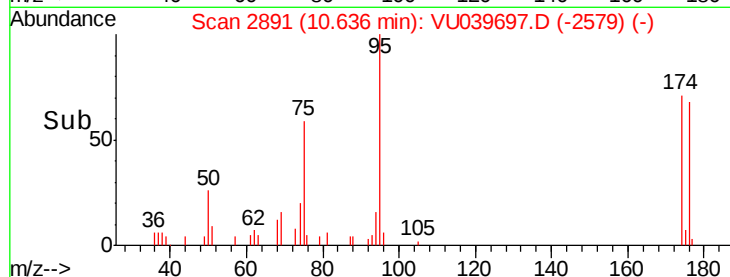
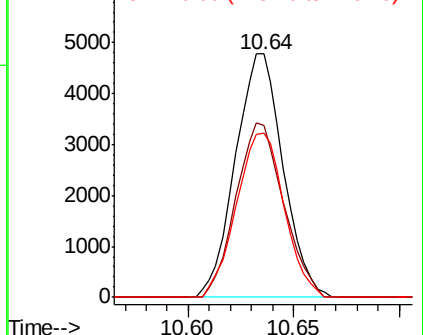
#57
4-Bromofluorobenzene
Concen: 0.941 ug/l
RT: 10.64 min Scan# 2891
Delta R.T. 0.00 min
Lab File: VU039697.D
Acq: 29 Jul 2020 11:41

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tot Ion: 95 Resp: 7511
Ion Ratio Lower Upper
95 100
174 71.2 57.0 85.4
176 67.5 50.2 75.2

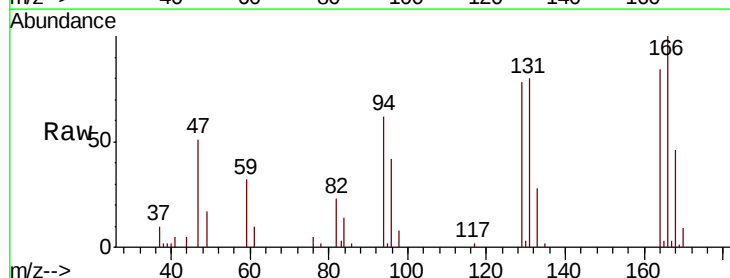


Abundance Ion 95.00 (94.70 to 95.70): VU039697.D (-2880) (-)
Ion 174.00 (173.70 to 174.70): VU039697.D (-2880) (-)
Ion 176.00 (175.70 to 176.70): VU039697.D (-2880) (-)

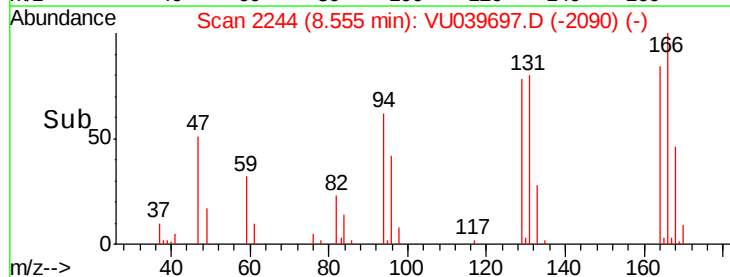
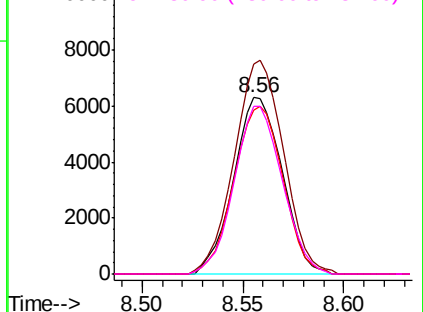


#58
Tetrachloroethene
Concen: 1.845 ug/l
RT: 8.56 min Scan# 2244
Delta R.T. -0.00 min
Lab File: VU039697.D
Acq: 29 Jul 2020 11:41

Tgt Ion: 164 Resp: 10638
Ion Ratio Lower Upper
164 100
166 119.1 104.8 157.2
129 92.9 84.1 126.1
131 94.9 80.1 120.1



Abundance Ion 163.85 (163.55 to 164.55): VU039697.D (-2090) (-)
Ion 165.80 (165.50 to 166.50): VU039697.D (-2090) (-)
Ion 128.90 (128.60 to 129.60): VU039697.D (-2090) (-)
Ion 130.90 (130.60 to 131.60): VU039697.D (-2090) (-)





#59

Chlorobenzene

Concen: 1.872 ug/l

RT: 9.45 min Scan# 2522

Delta R.T. -0.00 min

Lab File: VU039697.D

Acq: 29 Jul 2020 11:41

Instrument :

MSVOA_U

ClientSampleId :

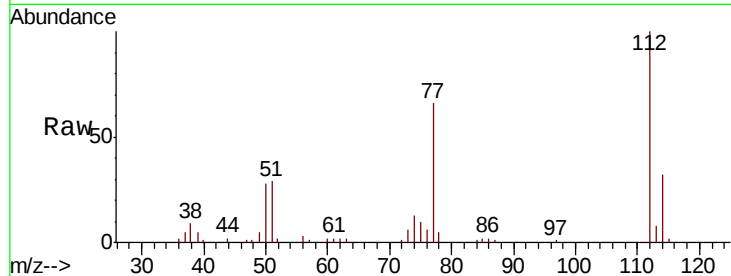
VSTDIC002

Tot Ion:112 Resp: 30372

Ion Ratio Lower Upper

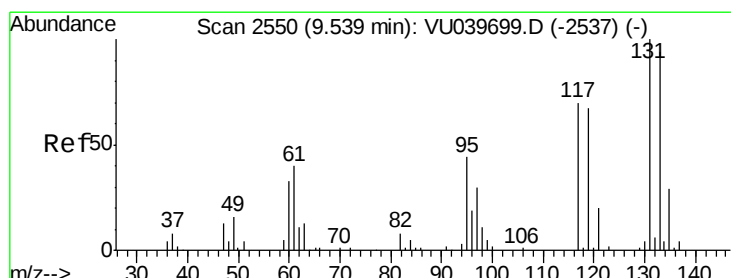
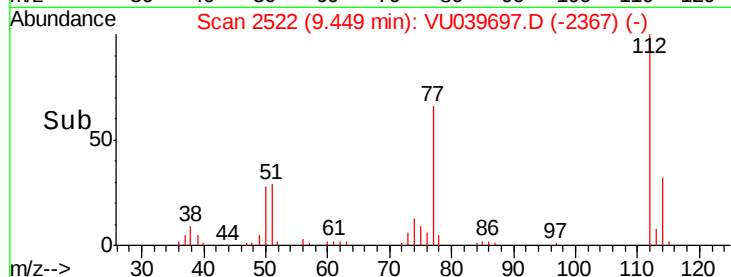
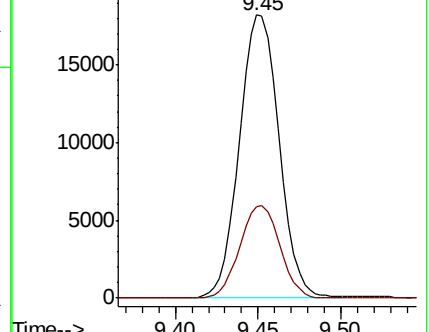
112 100

114 32.2 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: 2.111 ug/l

RT: 9.54 min Scan# 2550

Delta R.T. -0.00 min

Lab File: VU039697.D

Acq: 29 Jul 2020 11:41

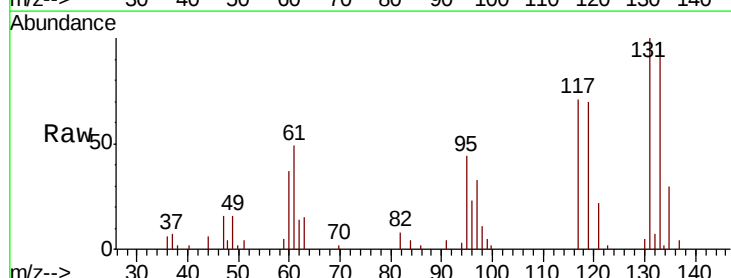
Tgt Ion:131 Resp: 10544

Ion Ratio Lower Upper

131 100

133 91.9 75.8 113.8

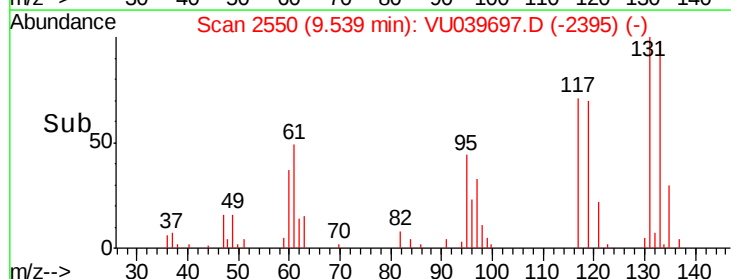
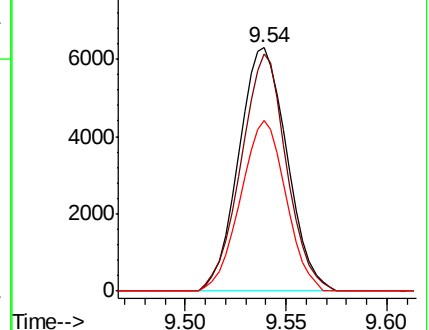
119 65.8 54.6 81.8

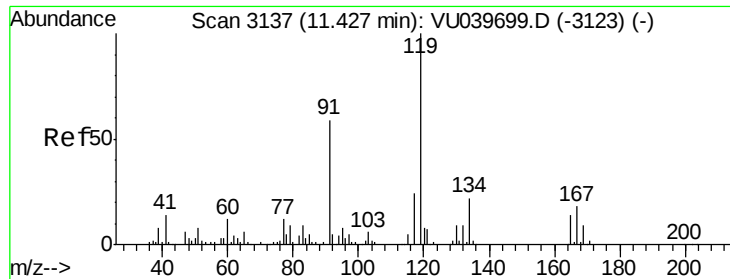


Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V

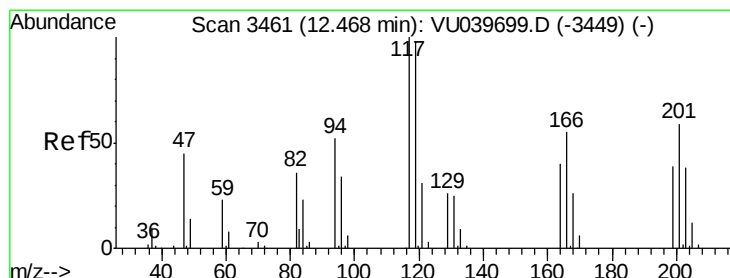
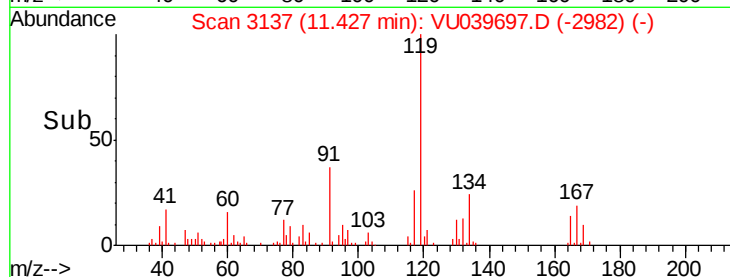
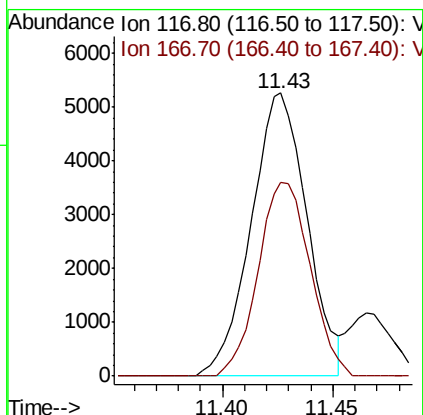
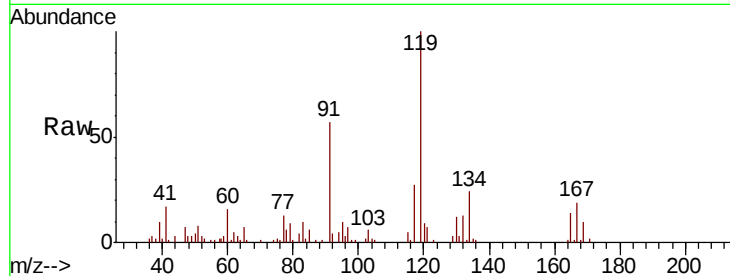




#61
 Pentachloroethane
 Concen: 2.385 ug/l
 RT: 11.43 min Scan# 3137
 Delta R.T. -0.00 min
 Lab File: VU039697.D
 Acq: 29 Jul 2020 11:41

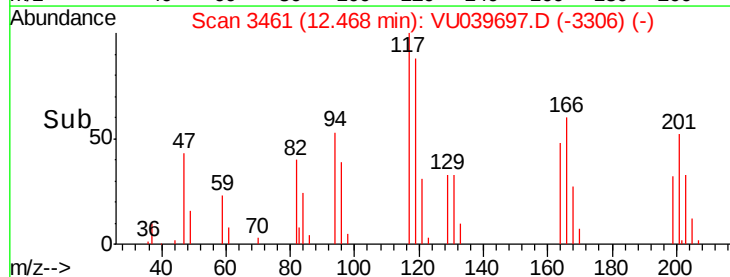
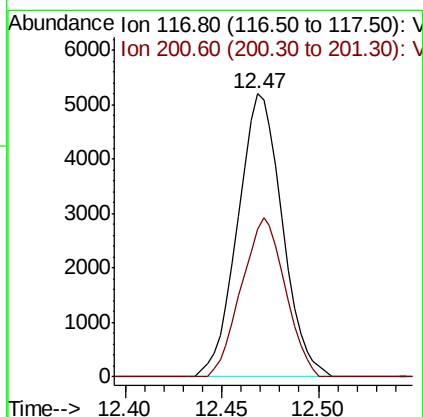
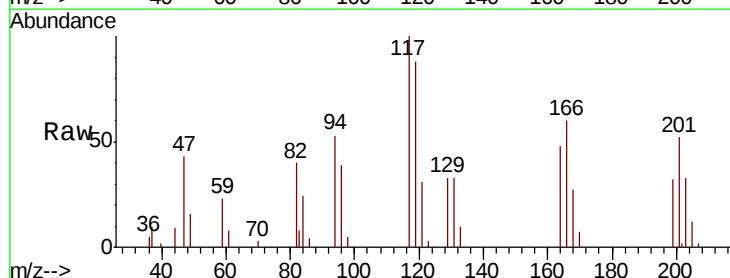
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

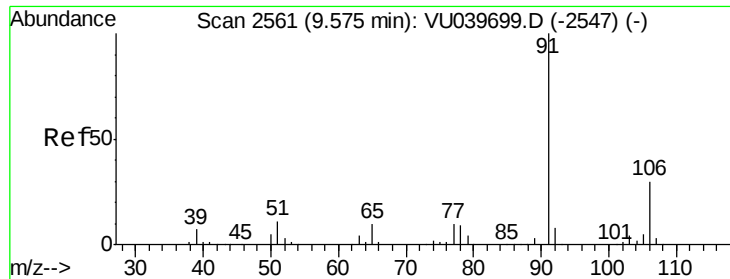
Tot Ion:117 Resp: 9219
 Ion Ratio Lower Upper
 117 100
 167 63.7 56.6 85.0



#62
 Hexachloroethane
 Concen: 2.107 ug/l
 RT: 12.47 min Scan# 3461
 Delta R.T. -0.00 min
 Lab File: VU039697.D
 Acq: 29 Jul 2020 11:41

Tgt Ion:117 Resp: 8345
 Ion Ratio Lower Upper
 117 100
 201 55.0 48.1 72.1





#63

Ethyl Benzene

Concen: 1.849 ug/l

RT: 9.57 min Scan# 2561

Delta R.T. -0.00 min

Lab File: VU039697.D

Acq: 29 Jul 2020 11:41

Instrument :

MSVOA_U

ClientSampleId :

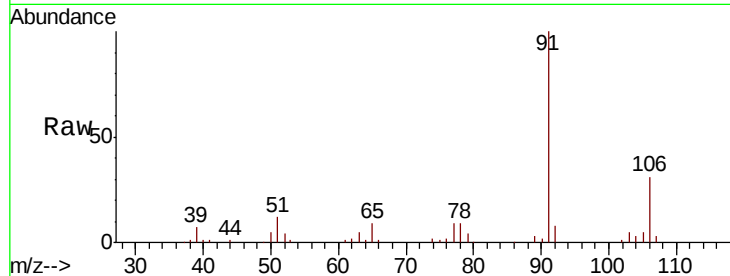
VSTDIC002

Tot Ion: 91 Resp: 53735

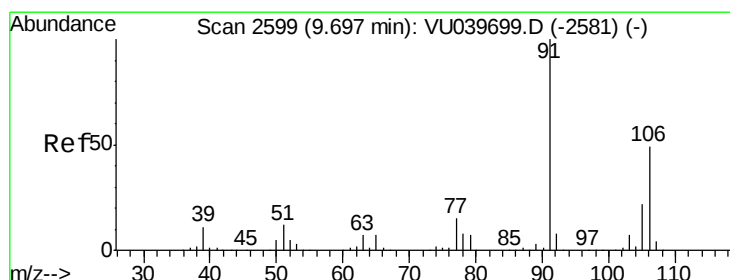
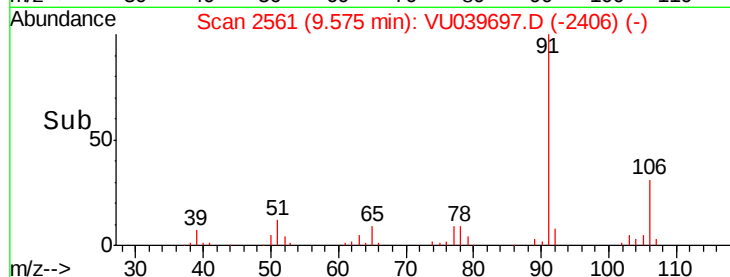
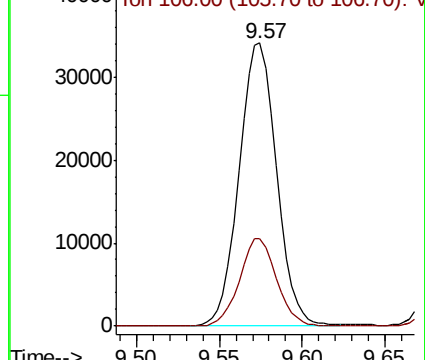
Ion Ratio Lower Upper

91 100

106 30.9 24.2 36.4



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



#64

m/p-Xylenes

Concen: 3.801 ug/l

RT: 9.70 min Scan# 2599

Delta R.T. -0.00 min

Lab File: VU039697.D

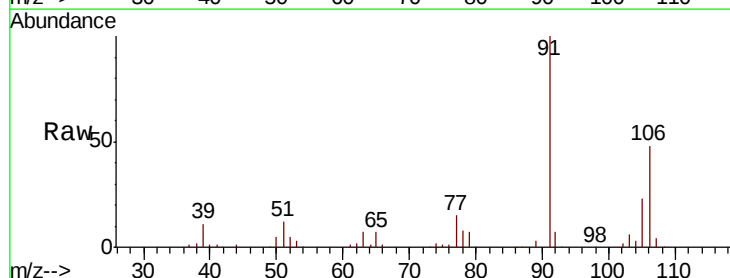
Acq: 29 Jul 2020 11:41

Tgt Ion: 106 Resp: 42647

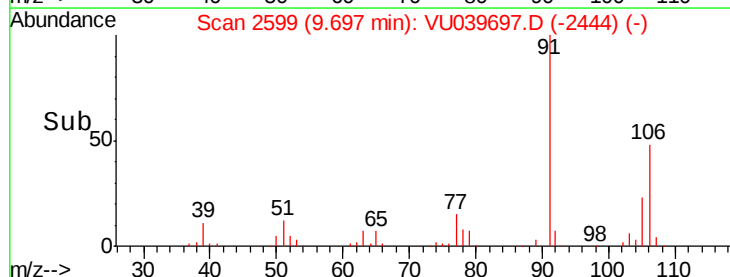
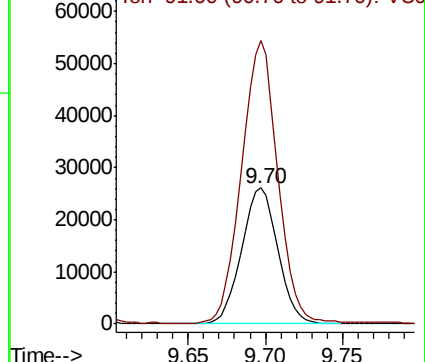
Ion Ratio Lower Upper

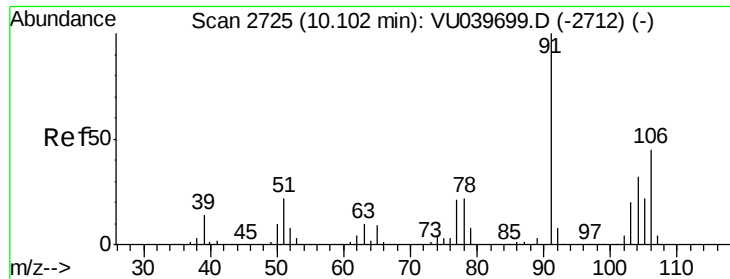
106 100

91 206.9 163.9 245.9



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





#65

o-Xylene

Concen: 1.858 ug/l

RT: 10.10 min Scan# 2725

Delta R.T. -0.00 min

Lab File: VU039697.D

Acq: 29 Jul 2020 11:41

Instrument :

MSVOA_U

ClientSampleId :

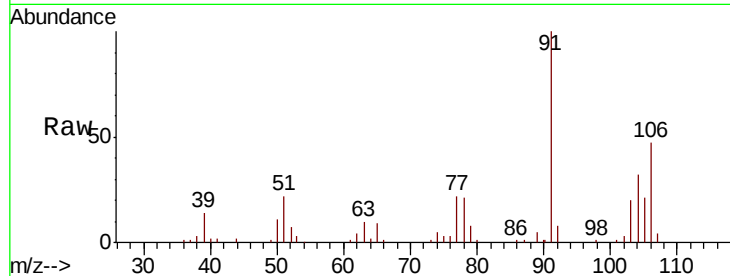
VSTDIC002

Tot Ion:106 Resp: 20208

Ion Ratio Lower Upper

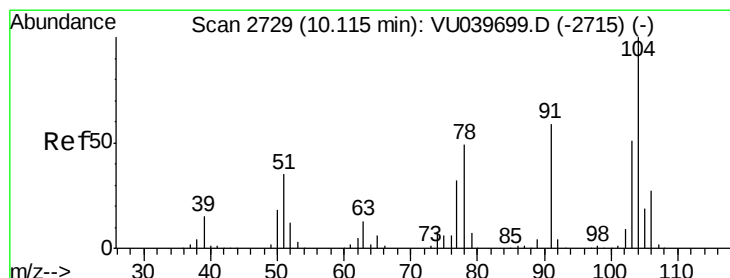
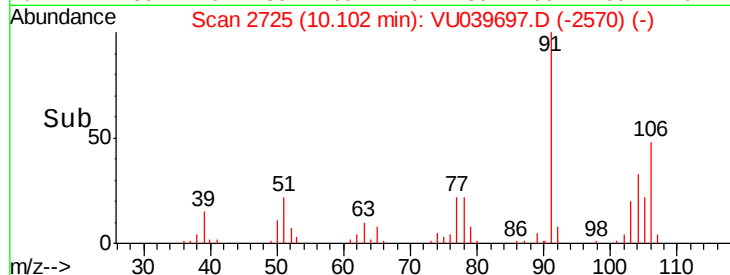
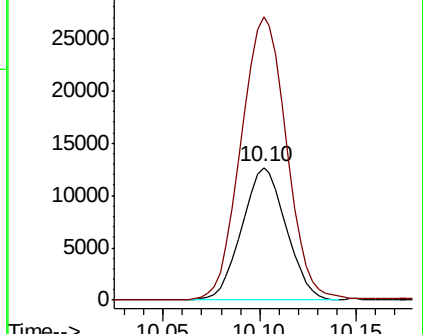
106 100

91 220.5 110.3 331.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#66

Styrene

Concen: 1.882 ug/l

RT: 10.12 min Scan# 2730

Delta R.T. 0.00 min

Lab File: VU039697.D

Acq: 29 Jul 2020 11:41

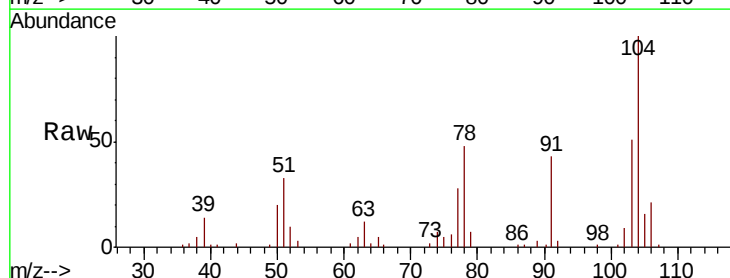
Tgt Ion:104 Resp: 33989

Ion Ratio Lower Upper

104 100

78 53.7 42.2 63.4

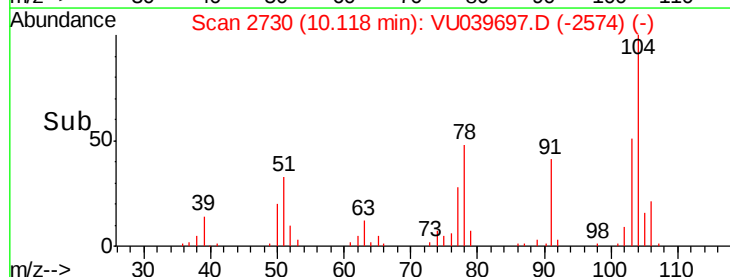
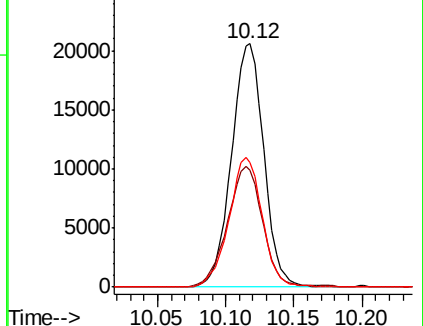
103 54.6 43.4 65.2

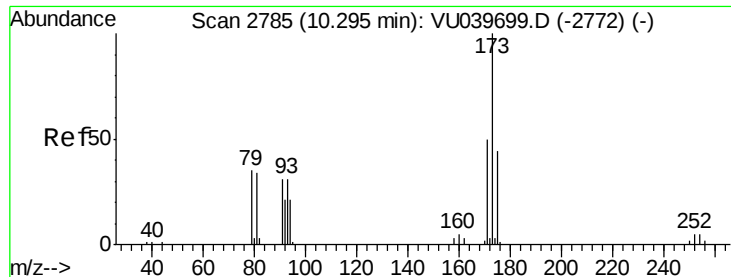


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VU0

Ion 103.00 (102.70 to 103.70): V





#67

Bromoform

Concen: 2.045 ug/l

RT: 10.29 min Scan# 2785

Delta R.T. -0.00 min

Lab File: VU039697.D

Acq: 29 Jul 2020 11:41

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

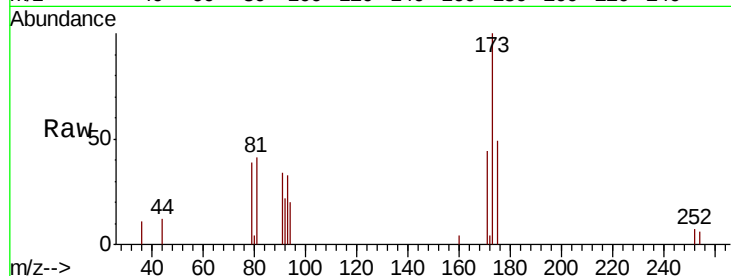
Tot Ion:173 Resp: 5230

Ion Ratio Lower Upper

173 100

175 50.2 36.7 55.1

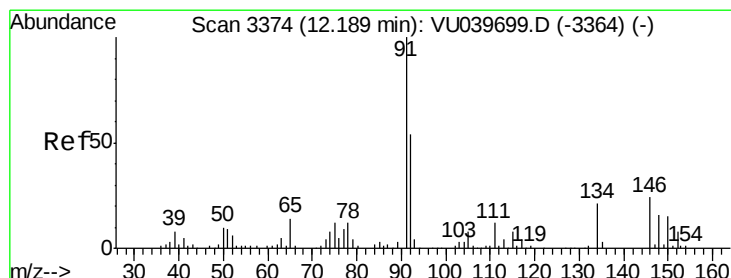
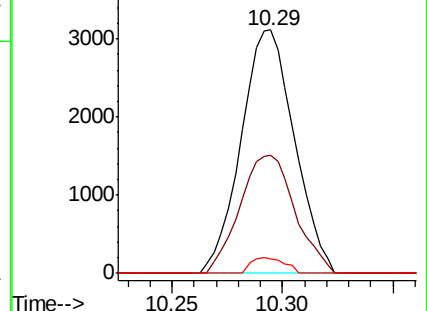
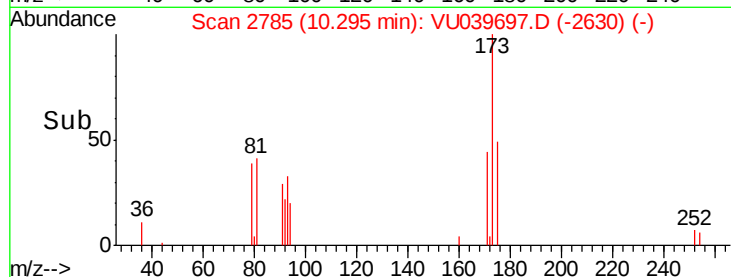
254 4.1 3.8 5.8



Abundance Ion 172.90 (172.60 to 173.60): V

Ion 174.90 (174.60 to 175.60): V

Ion 253.75 (253.45 to 254.45): V



#68

1,2-Dichlorobenzene-d4

Concen: 0.979 ug/l

RT: 12.19 min Scan# 3374

Delta R.T. -0.00 min

Lab File: VU039697.D

Acq: 29 Jul 2020 11:41

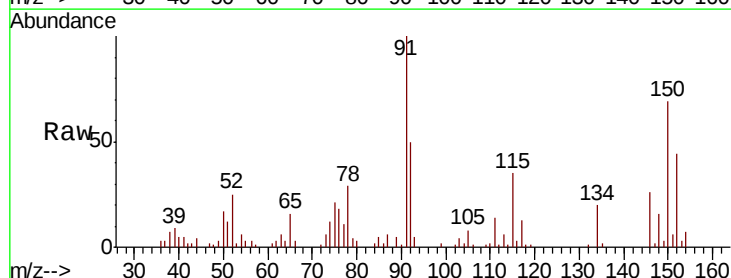
Tgt Ion:152 Resp: 7605

Ion Ratio Lower Upper

152 100

115 90.7 0.0 302.4

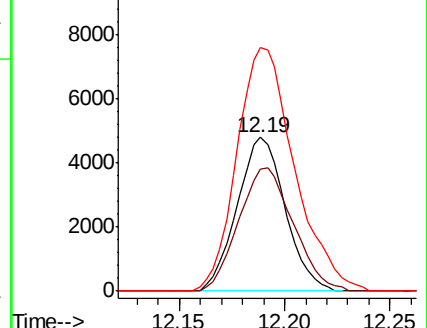
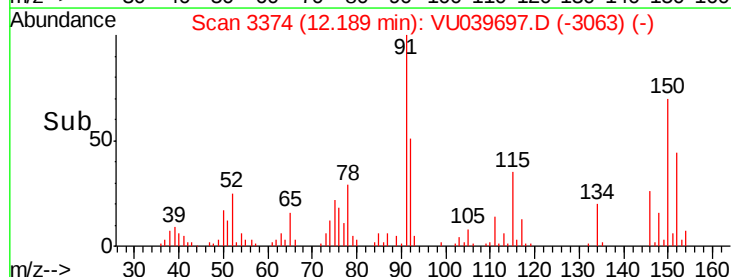
150 189.9 0.0 645.8

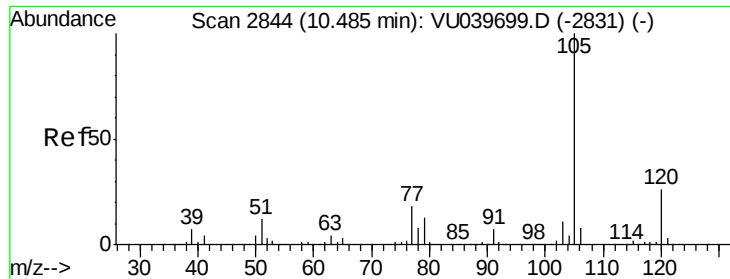


Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V





#69

Isopropylbenzene

Concen: 1.833 ug/l

RT: 10.48 min Scan# 2844

Delta R.T. -0.00 min

Lab File: VU039697.D

Acq: 29 Jul 2020 11:41

Instrument :

MSVOA_U

ClientSampleId :

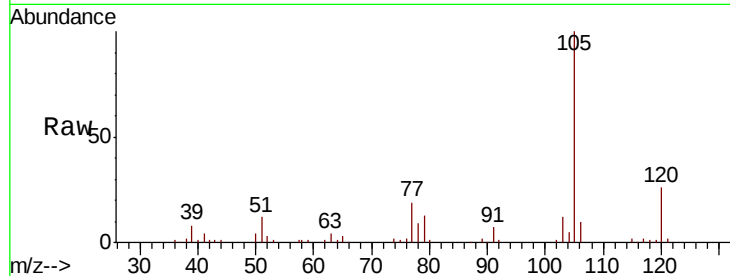
VSTDIC002

Tot Ion:105 Resp: 52177

Ion Ratio Lower Upper

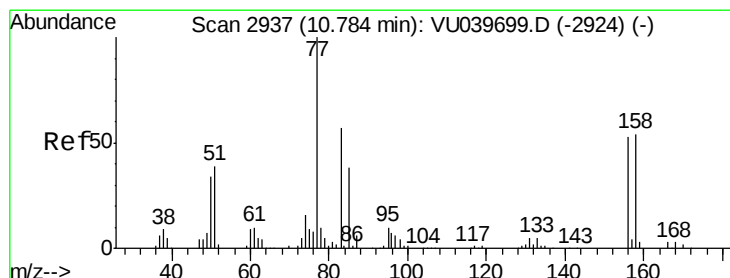
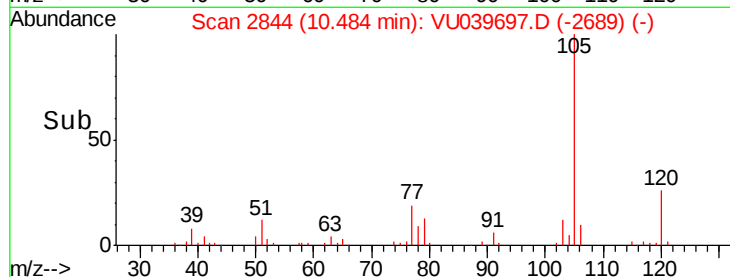
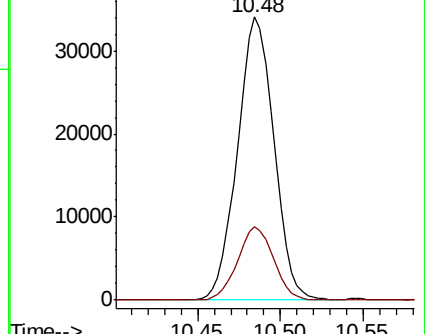
105 100

120 25.5 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#70

1,1,2,2-Tetrachloroethane

Concen: 2.489 ug/l

RT: 10.78 min Scan# 2937

Delta R.T. -0.00 min

Lab File: VU039697.D

Acq: 29 Jul 2020 11:41

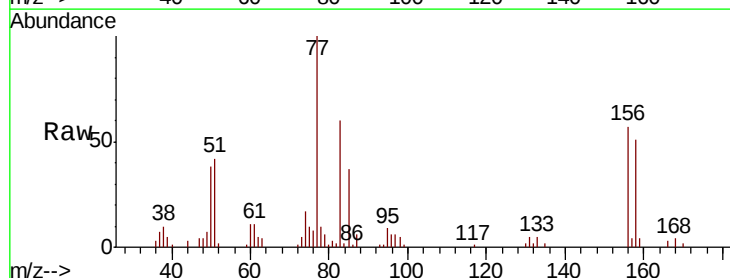
Tgt Ion: 83 Resp: 14393

Ion Ratio Lower Upper

83 100

131 7.4 7.0 10.6

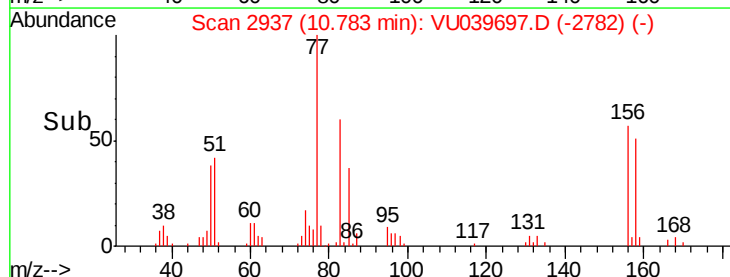
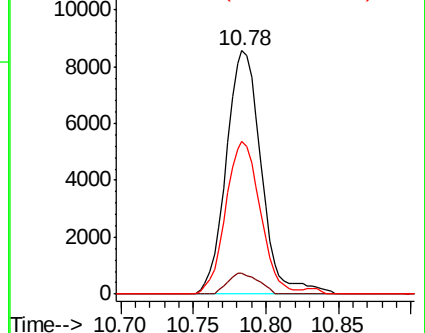
85 61.8 50.6 75.8

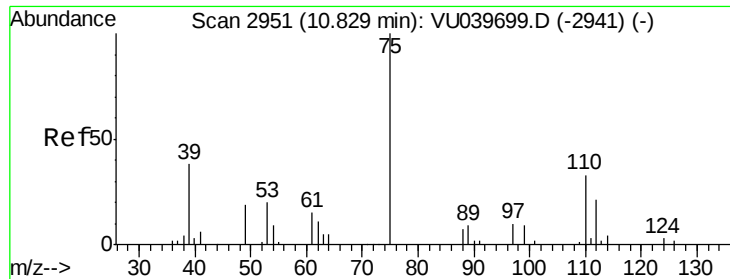


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VU0

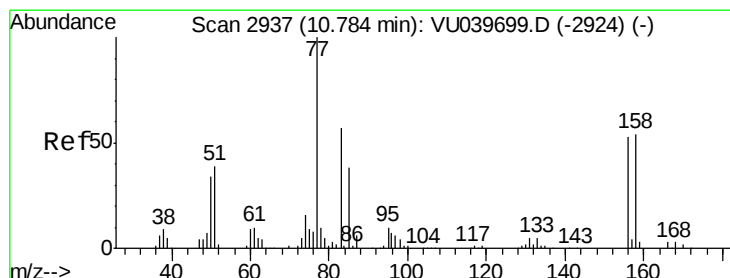
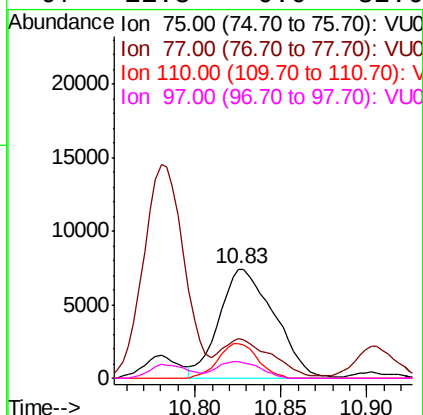
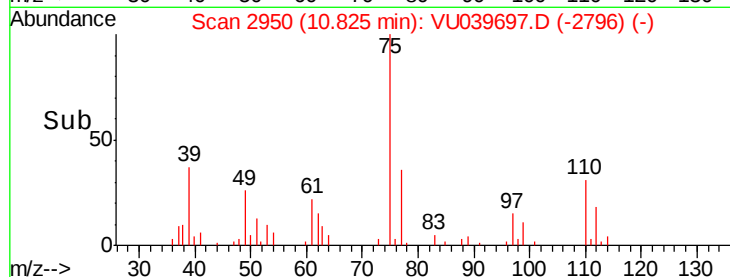
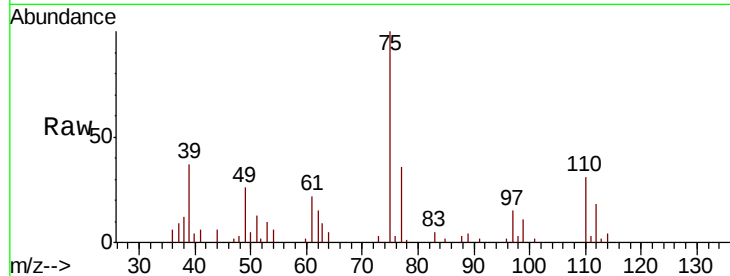




#71
1,2,3-Trichloropropane
Concen: 3.806 ug/l
RT: 10.83 min Scan# 2950
Delta R.T. -0.00 min
Lab File: VU039697.D
Acq: 29 Jul 2020 11:41

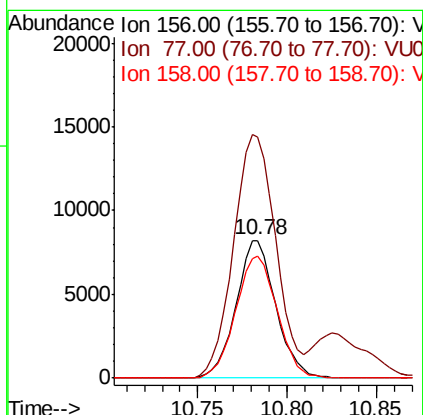
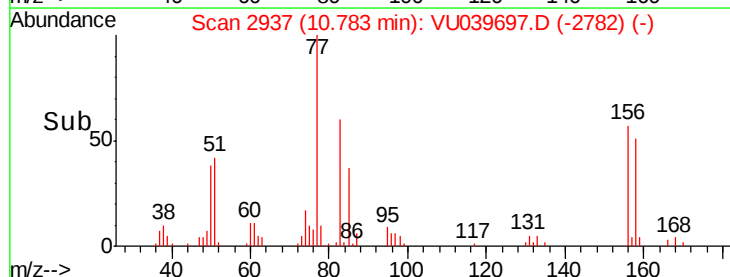
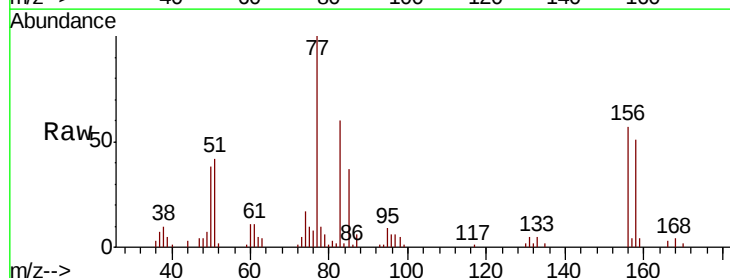
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

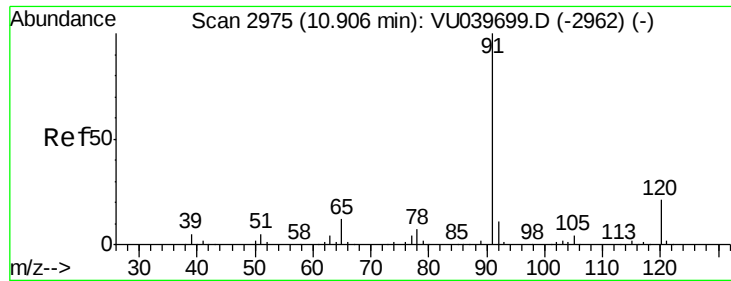
Tot Ion:	75	Resp:	16609
Ion	Ratio	Lower	Upper
75	100		
77	33.4	0.0	91.0
110	22.8	0.0	64.2
97	11.8	0.0	32.6



#72
Bromobenzene
Concen: 1.999 ug/l
RT: 10.78 min Scan# 2937
Delta R.T. -0.00 min
Lab File: VU039697.D
Acq: 29 Jul 2020 11:41

Tgt Ion:	156	Resp:	12647
Ion	Ratio	Lower	Upper
156	100		
77	189.9	0.0	385.2
158	92.7	0.0	200.8

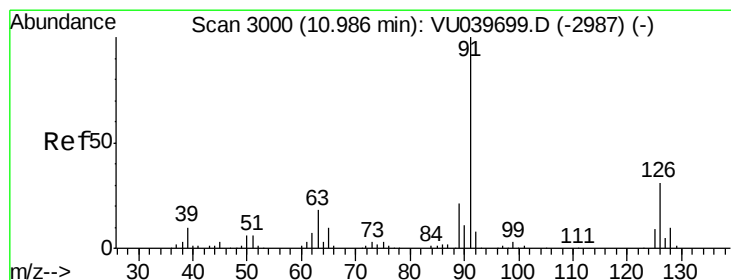
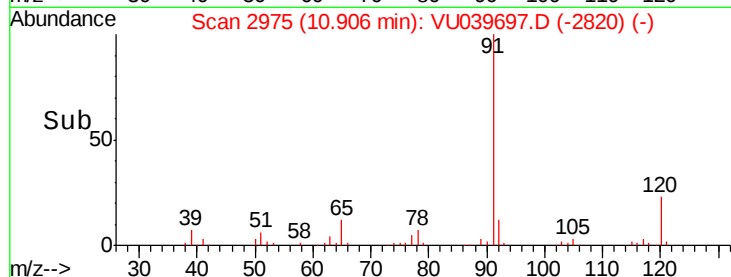
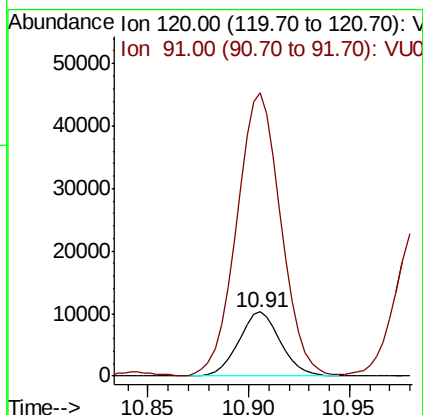
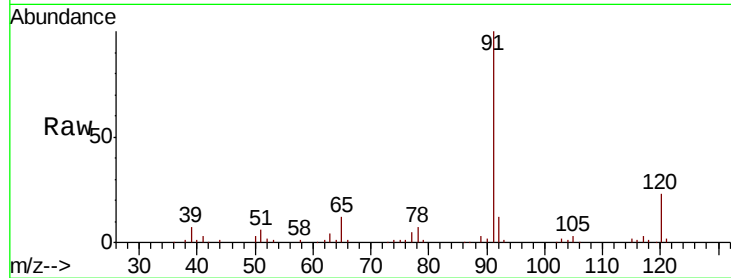




#73
n-propylbenzene
Concen: 1.900 ug/l
RT: 10.91 min Scan# 2975
Delta R.T. -0.00 min
Lab File: VU039697.D
Acq: 29 Jul 2020 11:41

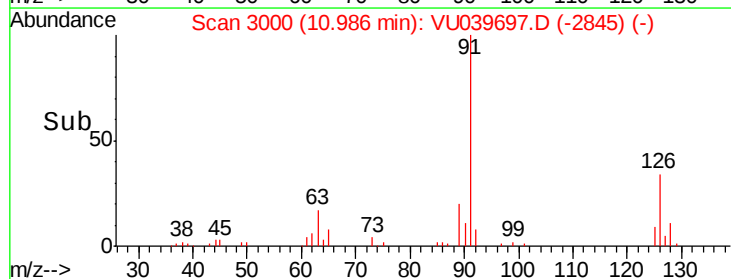
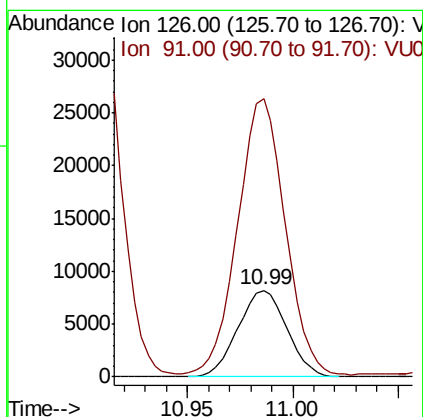
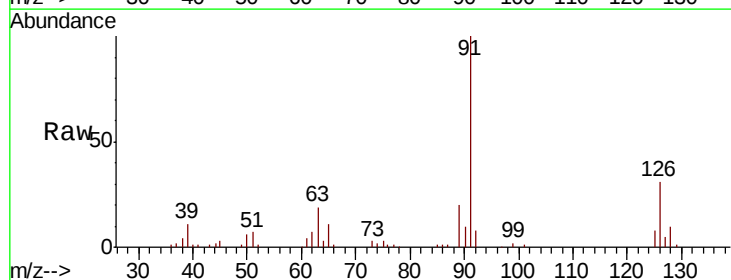
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tot Ion:120 Resp: 14869
Ion Ratio Lower Upper
120 100
91 465.4 371.7 557.5



#74
2-Chlorotoluene
Concen: 2.006 ug/l
RT: 10.99 min Scan# 3000
Delta R.T. -0.00 min
Lab File: VU039697.D
Acq: 29 Jul 2020 11:41

Tgt Ion:126 Resp: 13182
Ion Ratio Lower Upper
126 100
91 312.5 0.0 637.0





#75

1,3,5-Trimethylbenzene

Concen: 1.937 ug/l

RT: 11.09 min Scan# 3031

Delta R.T. -0.00 min

Lab File: VU039697.D

Acq: 29 Jul 2020 11:41

Instrument :

MSVOA_U

ClientSampleId :

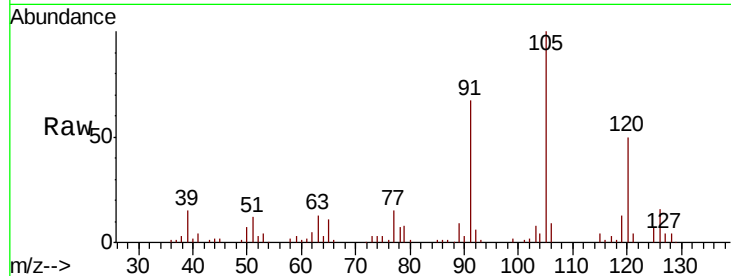
VSTDIC002

Tot Ion:105 Resp: 46223

Ion Ratio Lower Upper

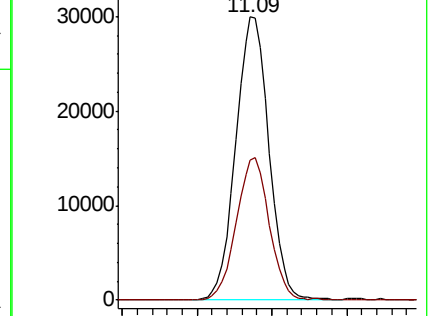
105 100

120 49.9 38.0 57.0

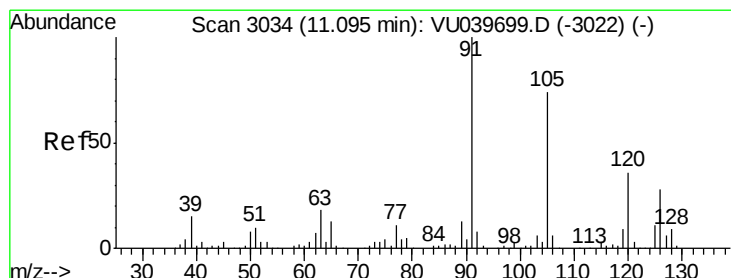
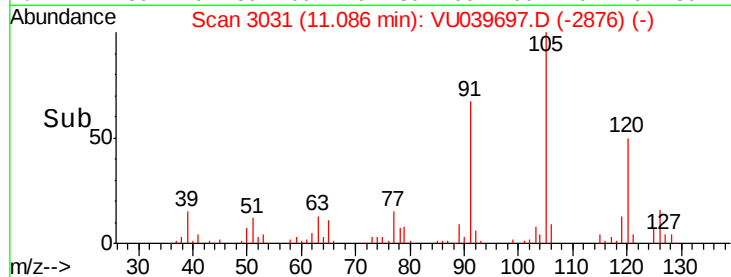


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time--> 11.00 11.05 11.10 11.15



#76

4-Chlorotoluene

Concen: 1.983 ug/l

RT: 11.10 min Scan# 3035

Delta R.T. 0.00 min

Lab File: VU039697.D

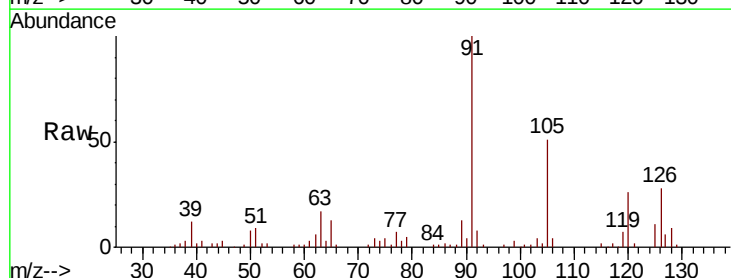
Acq: 29 Jul 2020 11:41

Tgt Ion:126 Resp: 13575

Ion Ratio Lower Upper

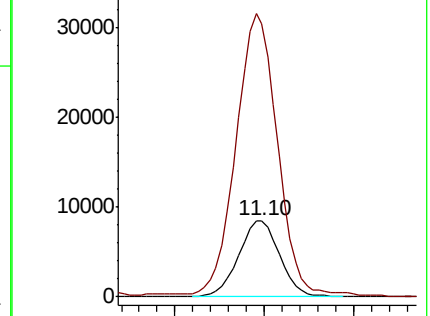
126 100

91 371.5 0.0 732.2

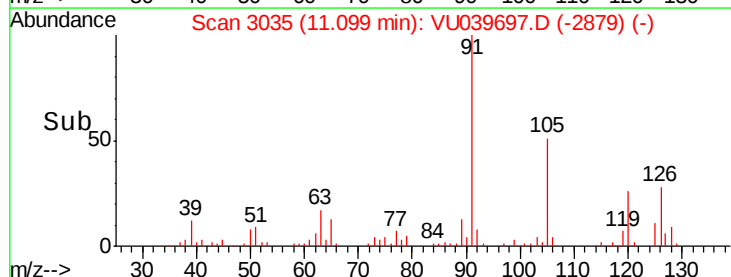


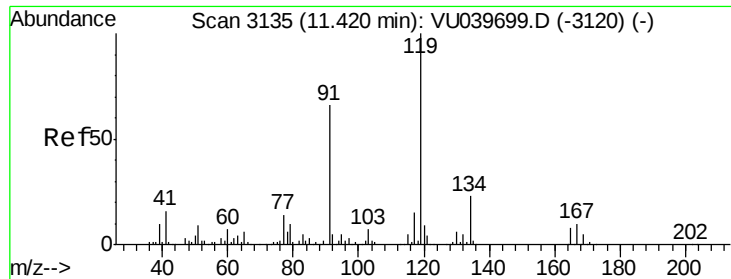
Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0



Time--> 11.05 11.10 11.15





#77

tert-Butylbenzene

Concen: 1.920 ug/l

RT: 11.42 min Scan# 3135

Delta R.T. -0.00 min

Lab File: VU039697.D

Acq: 29 Jul 2020 11:41

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

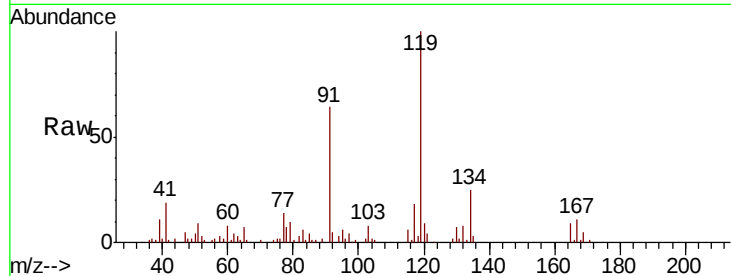
Tot Ion:119 Resp: 43526

Ion Ratio Lower Upper

119 100

91 63.5 31.9 95.5

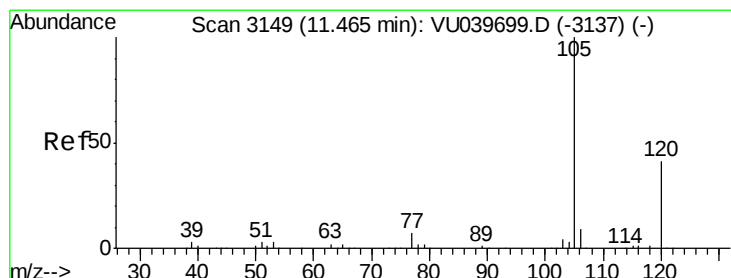
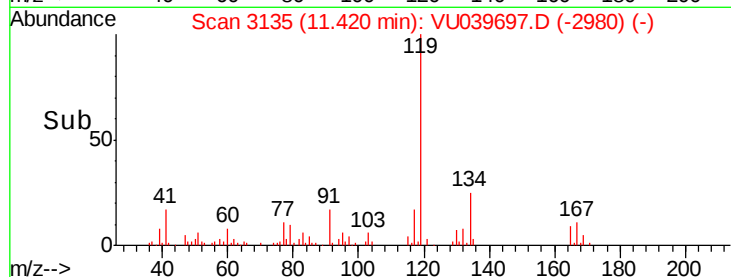
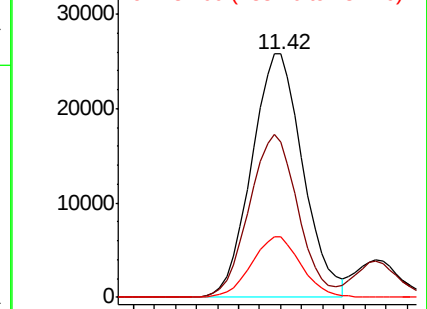
134 24.3 18.2 27.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VU0

Ion 134.00 (133.70 to 134.70): V



#78

1,2,4-Trimethylbenzene

Concen: 1.942 ug/l

RT: 11.47 min Scan# 3149

Delta R.T. -0.00 min

Lab File: VU039697.D

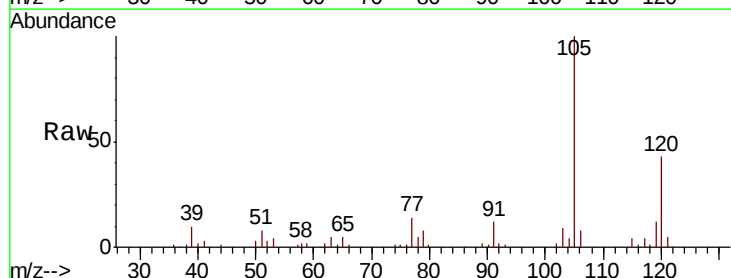
Acq: 29 Jul 2020 11:41

Tgt Ion:105 Resp: 47745

Ion Ratio Lower Upper

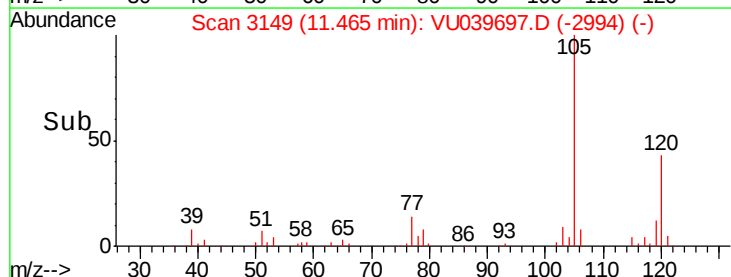
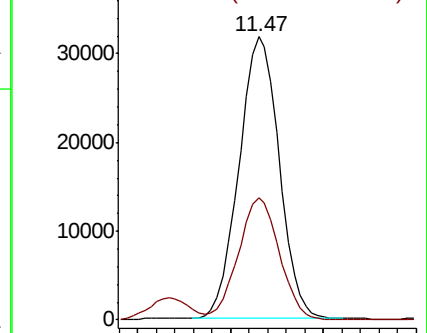
105 100

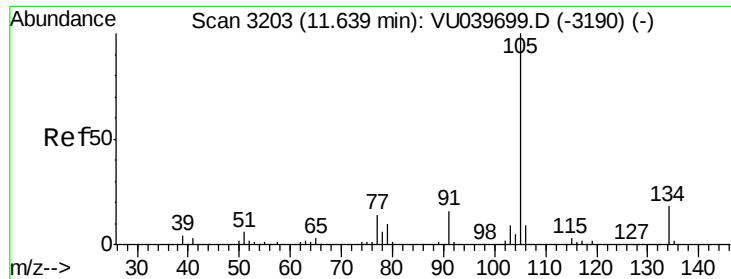
120 44.4 22.7 68.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

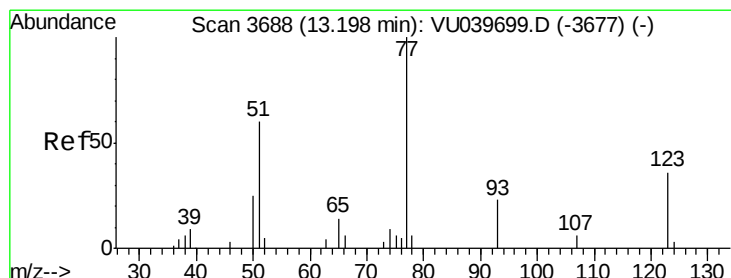
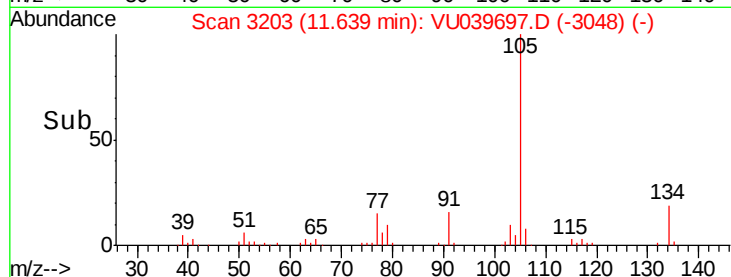
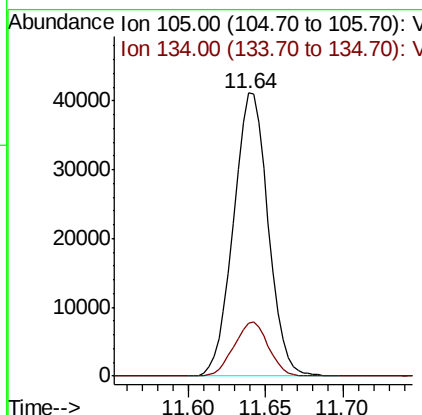
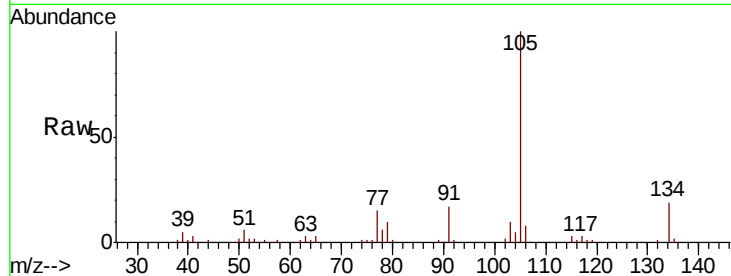




#79
 sec-Butylbenzene
 Concen: 1.977 ug/l
 RT: 11.64 min Scan# 3203
 Delta R.T. -0.00 min
 Lab File: VU039697.D
 Acq: 29 Jul 2020 11:41

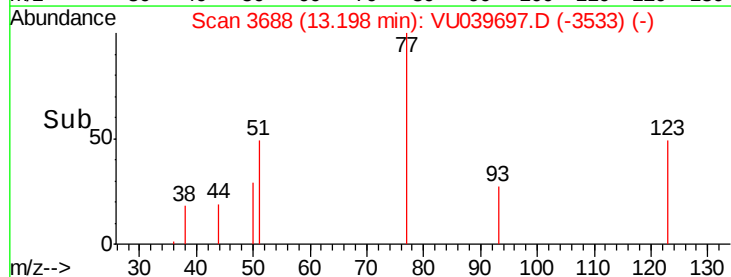
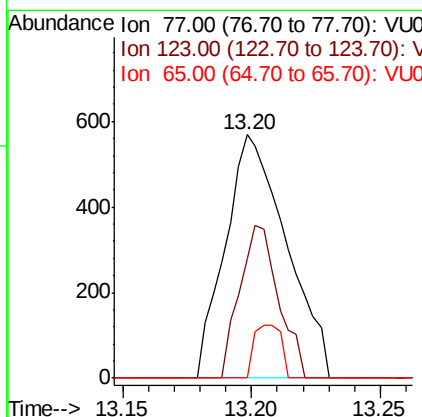
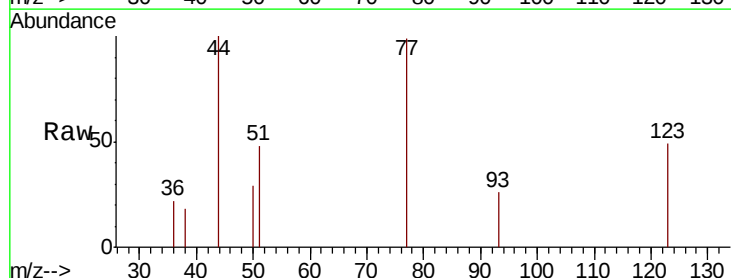
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

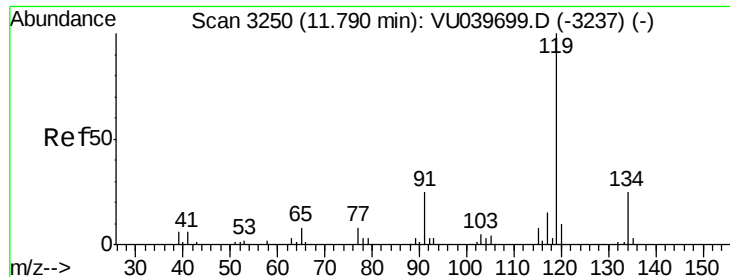
Tot Ion: 105 Resp: 64045
 Ion Ratio Lower Upper
 105 100
 134 18.9 14.8 22.2



#80
 Nitrobenzene
 Concen: 5.979 ug/l
 RT: 13.20 min Scan# 3688
 Delta R.T. -0.00 min
 Lab File: VU039697.D
 Acq: 29 Jul 2020 11:41

Tgt Ion: 77 Resp: 939
 Ion Ratio Lower Upper
 77 100
 123 39.8 16.9 59.9
 65 9.6 14.4 18.4#

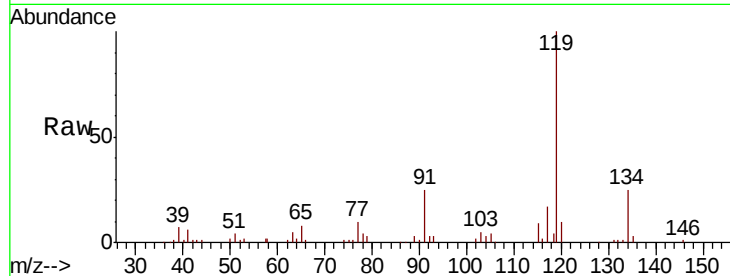




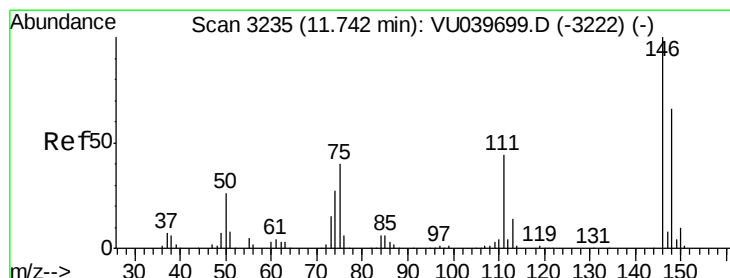
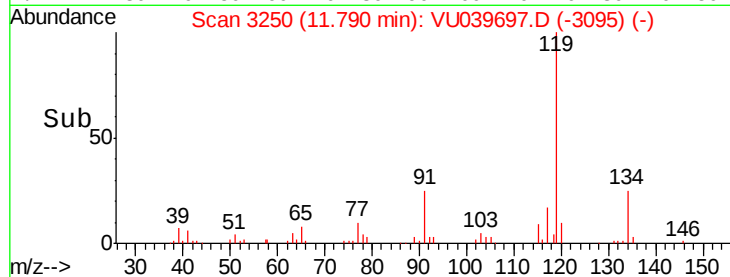
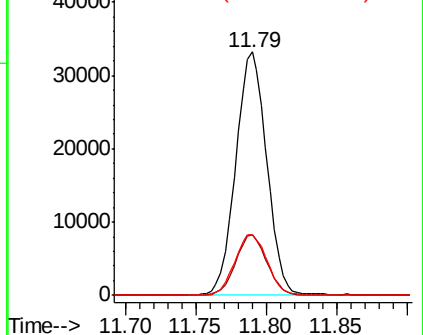
#81
 p-Isopropyltoluene
 Concen: 1.961 ug/l
 RT: 11.79 min Scan# 3250
 Delta R.T. -0.00 min
 Lab File: VU039697.D
 Acq: 29 Jul 2020 11:41

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

Tot Ion:119 Resp: 51333
 Ion Ratio Lower Upper
 119 100
 134 24.7 20.2 30.4
 91 25.8 20.7 31.1

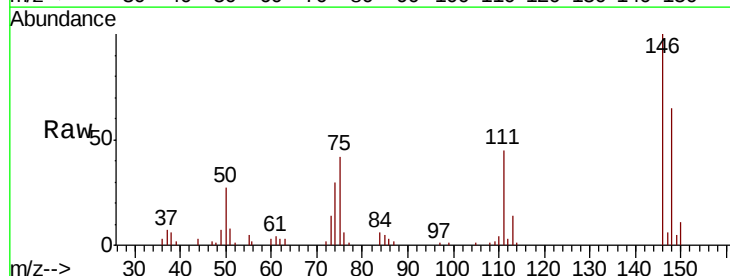


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V

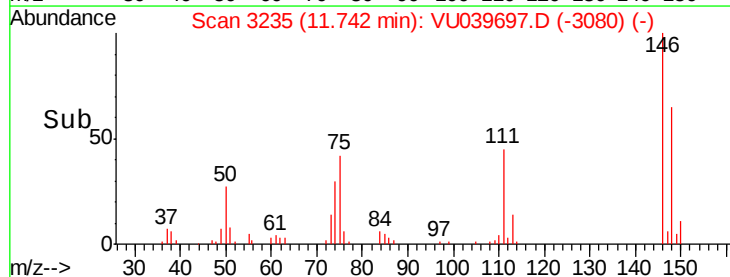
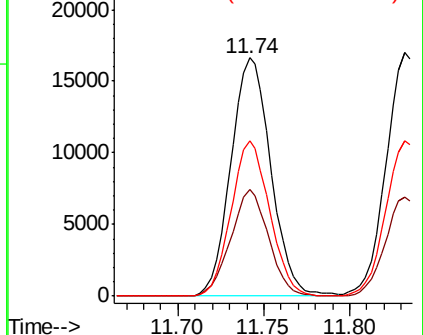


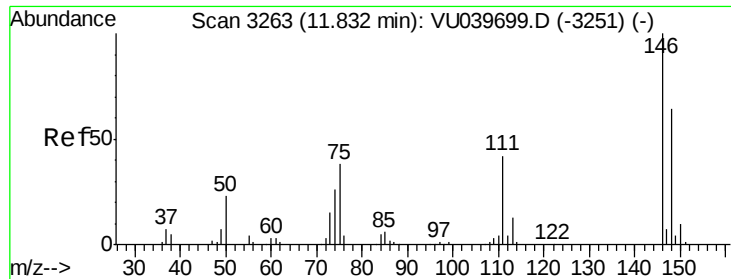
#82
 1,3-Dichlorobenzene
 Concen: 2.028 ug/l
 RT: 11.74 min Scan# 3235
 Delta R.T. -0.00 min
 Lab File: VU039697.D
 Acq: 29 Jul 2020 11:41

Tgt Ion:146 Resp: 26808
 Ion Ratio Lower Upper
 146 100
 111 42.3 34.5 51.7
 148 62.7 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

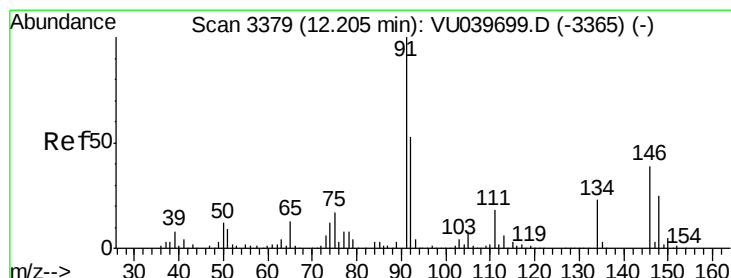
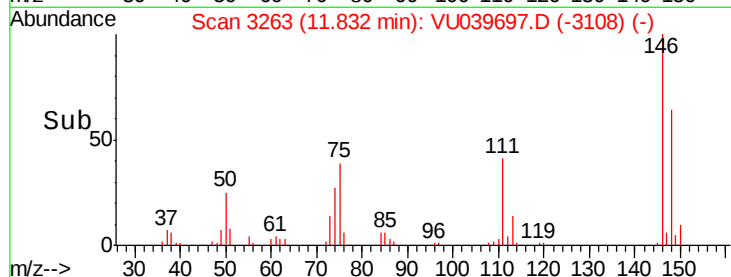
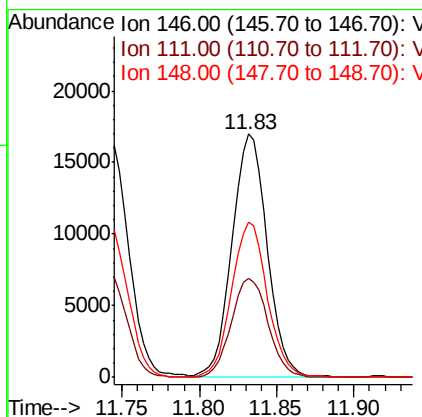
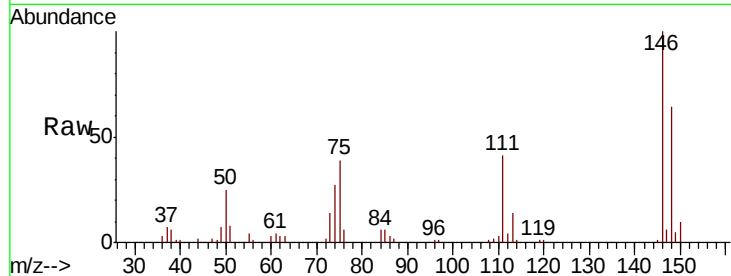




#83
 1,4-Dichlorobenzene
 Concen: 2.006 ug/l
 RT: 11.83 min Scan# 3263
 Delta R.T. -0.00 min
 Lab File: VU039697.D
 Acq: 29 Jul 2020 11:41

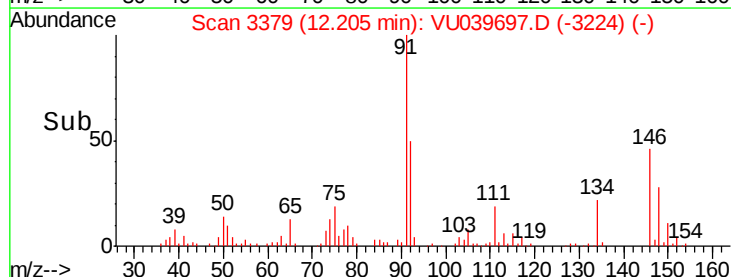
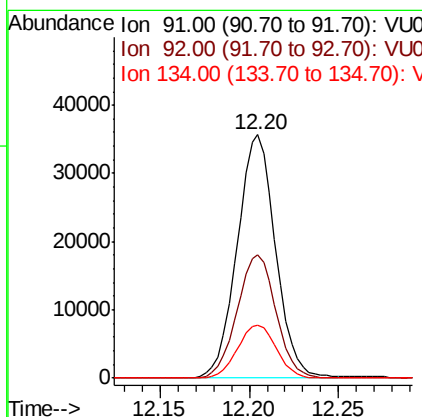
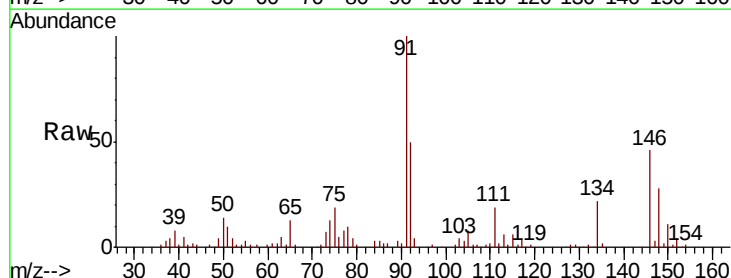
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

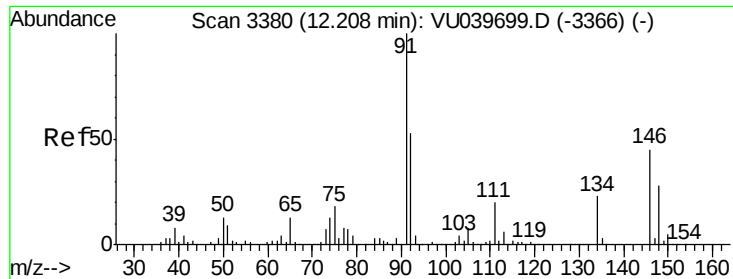
Tot Ion:146 Resp: 26826
 Ion Ratio Lower Upper
 146 100
 111 42.5 33.8 50.6
 148 64.7 51.1 76.7



#84
 n-Butylbenzene
 Concen: 2.042 ug/l
 RT: 12.20 min Scan# 3379
 Delta R.T. -0.00 min
 Lab File: VU039697.D
 Acq: 29 Jul 2020 11:41

Tgt Ion: 91 Resp: 53691
 Ion Ratio Lower Upper
 91 100
 92 51.2 42.6 64.0
 134 22.0 18.2 27.4

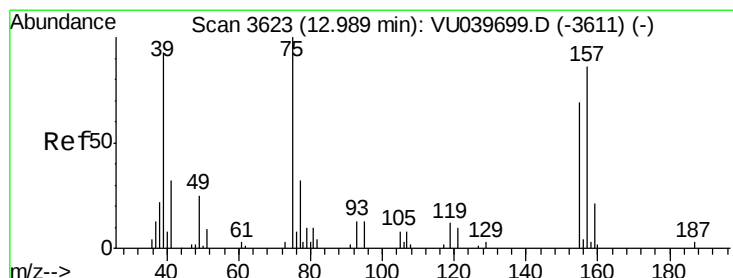
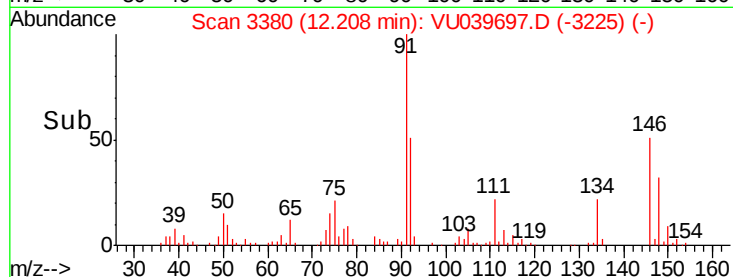
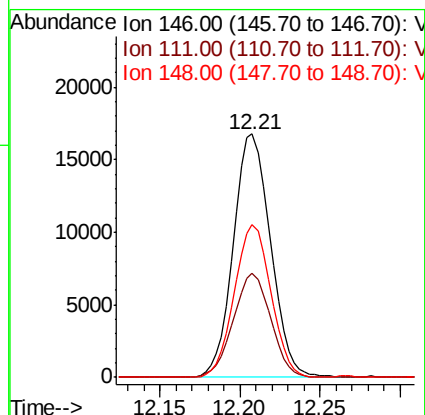
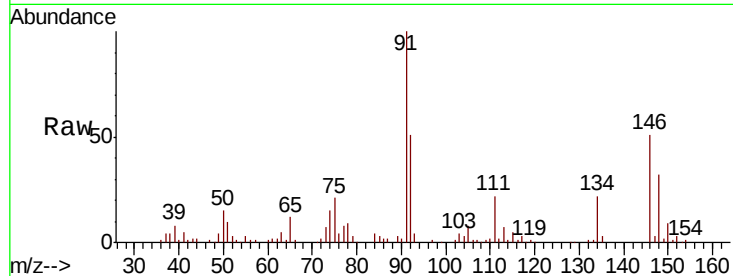




#85
 1,2-Dichlorobenzene
 Concen: 2.143 ug/l
 RT: 12.21 min Scan# 3380
 Delta R.T. -0.00 min
 Lab File: VU039697.D
 Acq: 29 Jul 2020 11:41

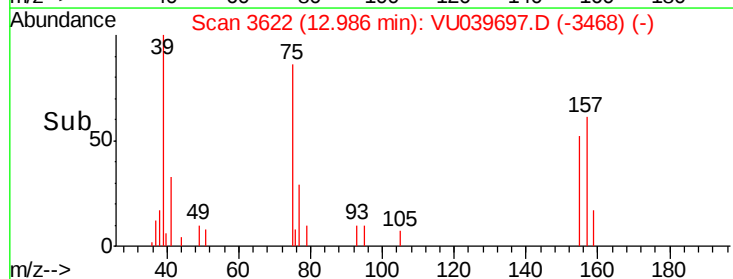
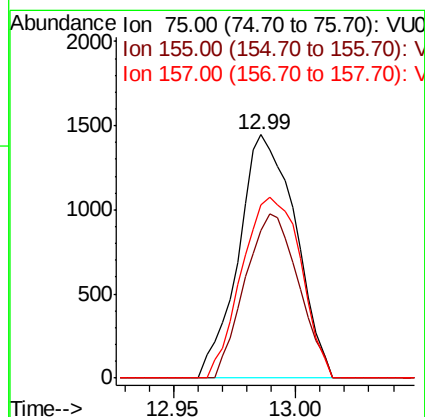
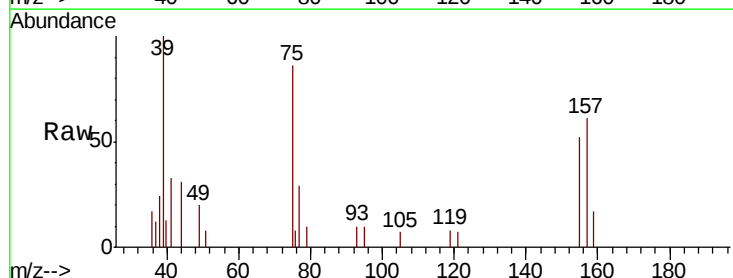
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

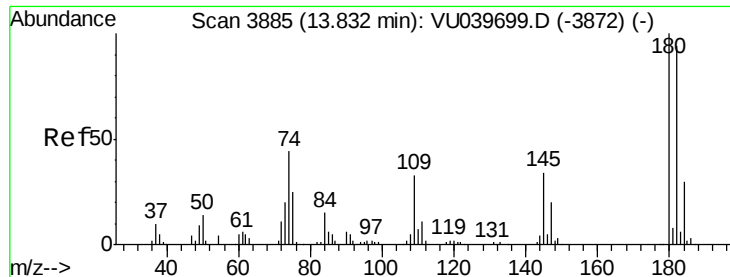
Tot Ion:146 Resp: 26577
 Ion Ratio Lower Upper
 146 100
 111 42.8 22.8 68.3
 148 61.2 31.7 95.1



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 2.489 ug/l
 RT: 12.99 min Scan# 3622
 Delta R.T. -0.00 min
 Lab File: VU039697.D
 Acq: 29 Jul 2020 11:41

Tgt Ion: 75 Resp: 2342
 Ion Ratio Lower Upper
 75 100
 155 63.4 52.9 79.3
 157 77.1 67.8 101.6

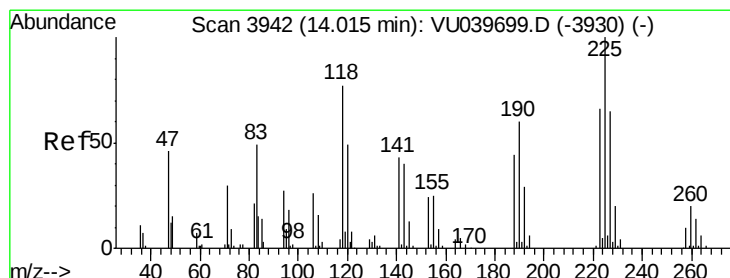
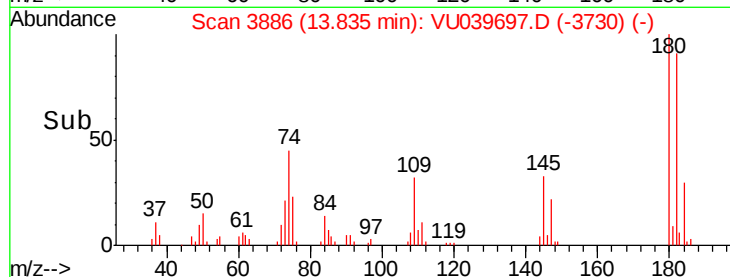
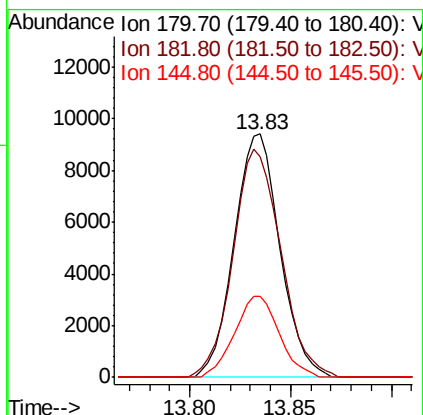
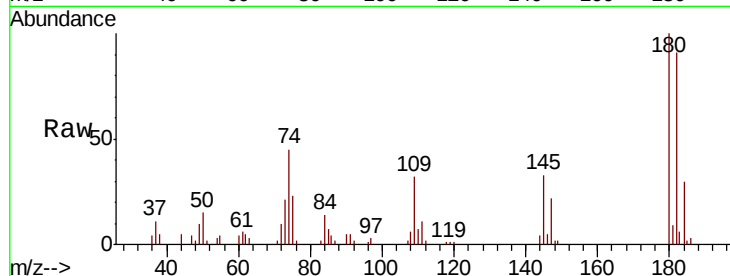




#87
 1,2,4-Trichlorobenzene
 Concen: 1.687 ug/l
 RT: 13.83 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VU039697.D
 Acq: 29 Jul 2020 11:41

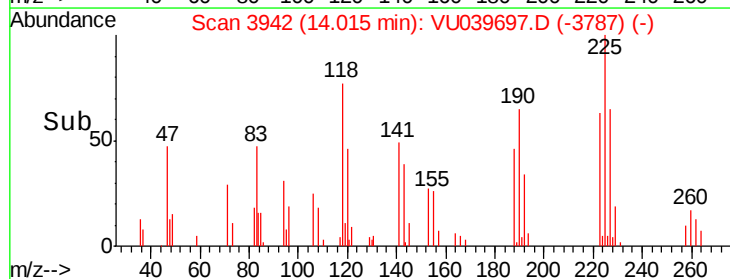
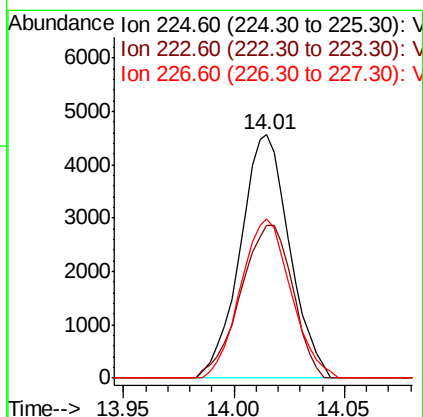
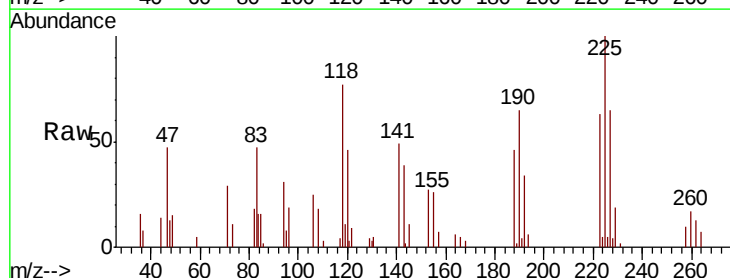
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

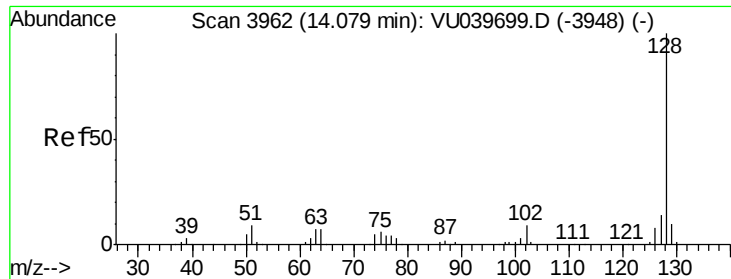
Tot Ion:180 Resp: 14983
 Ion Ratio Lower Upper
 180 100
 182 97.7 76.2 114.4
 145 32.4 26.8 40.2



#88
 Hexachlorobutadiene
 Concen: 1.796 ug/l
 RT: 14.01 min Scan# 3942
 Delta R.T. -0.00 min
 Lab File: VU039697.D
 Acq: 29 Jul 2020 11:41

Tgt Ion:225 Resp: 7062
 Ion Ratio Lower Upper
 225 100
 223 65.9 52.4 78.6
 227 66.8 50.7 76.1





#89

Naphthalene

Concen: 1.732 ug/l

RT: 14.08 min Scan# 3963

Delta R.T. 0.00 min

Lab File: VU039697.D

Acq: 29 Jul 2020 11:41

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

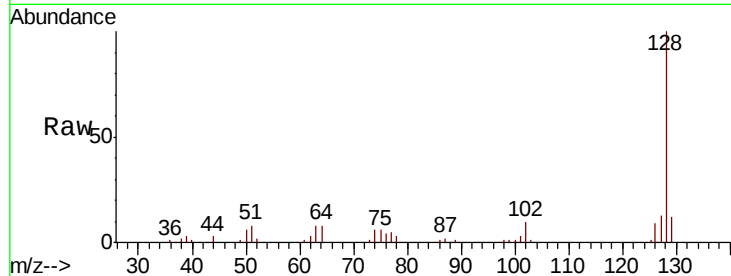
Tot Ion:128 Resp: 30264

Ion Ratio Lower Upper

128 100

127 13.7 11.0 16.4

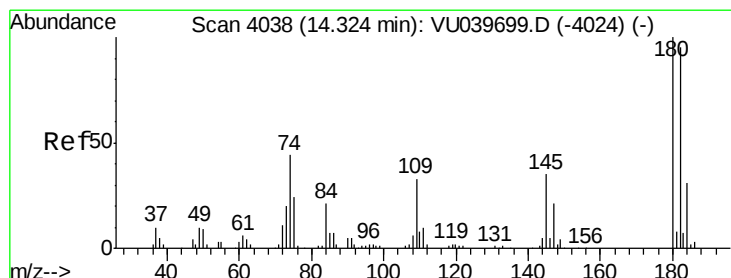
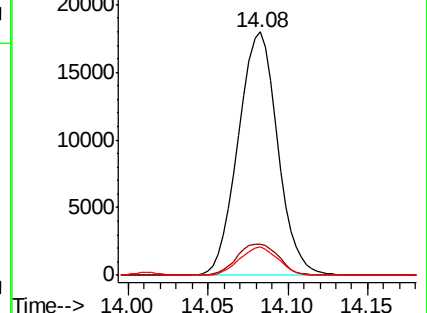
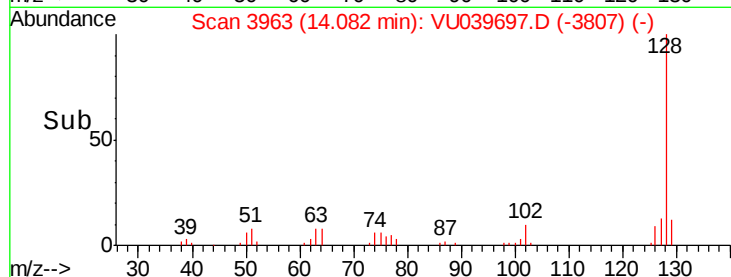
129 11.3 8.4 12.6



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#90

1,2,3-Trichlorobenzene

Concen: 1.869 ug/l

RT: 14.32 min Scan# 4038

Delta R.T. -0.00 min

Lab File: VU039697.D

Acq: 29 Jul 2020 11:41

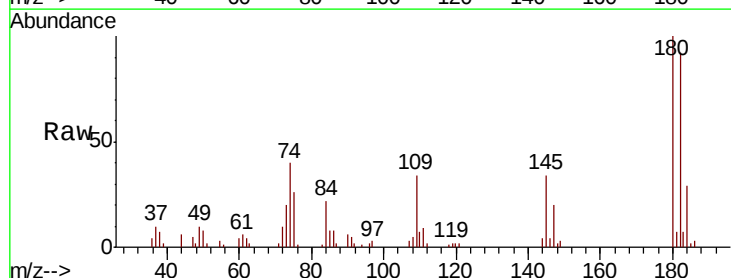
Tgt Ion:180 Resp: 14870

Ion Ratio Lower Upper

180 100

182 91.7 76.0 114.0

145 33.9 27.8 41.6



Abundance Ion 179.70 (179.40 to 180.40): V

Ion 181.70 (181.40 to 182.40): V

Ion 144.80 (144.50 to 145.50): V

