

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U073120\
 Data File : VU039732.D
 Acq On : 31 Jul 2020 13:43
 Operator : SY/MD
 Sample : VU0731WBS01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 01 01:29:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U072920DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Jul 31 07:12:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	6.12	96	23190	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.63	95	7544	0.83	ug/l	0.00
Spiked Amount	1.000		Recovery	=	83.00%	
68) 1,2-Dichlorobenzene-d4	12.19	152	7199	0.81	ug/l	0.00
Spiked Amount	1.000		Recovery	=	81.00%	

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	14403	1.787	ug/l 97
3) Chloromethane	1.53	50	18674	1.866	ug/l 98
4) Vinyl Chloride	1.61	62	16439	1.782	ug/l 99
5) Bromomethane	1.87	94	10836	1.717	ug/l 90
6) Chloroethane	1.94	64	12717	1.987	ug/l 96
7) Trichlorofluoromethane	2.15	101	22630	1.855	ug/l 96
8) 1,1,2-Trichloro-1,2,2-trif	2.59	101	12700	1.814	ug/l 100
9) 1,1-Dichloroethene	2.59	96	11318	1.756	ug/l 95
10) Iodomethane	2.74	142	14317	2.203	ug/l 98
11) Allyl Chloride	2.94	41	23952	1.723	ug/l 98
12) Acrylonitrile	3.34	53	8901	3.936	ug/l 95
13) Acetone	2.66	43	19319	9.078	ug/l 92
14) Carbon Disulfide	2.80	76	40540	1.716	ug/l 97
15) Methylene Chloride	3.06	84	17202	1.915	ug/l 97
16) trans-1,2-Dichloroethene	3.37	96	13107	1.789	ug/l 97
17) 1,1-Dichloroethane	3.89	63	28718	1.785	ug/l 100
18) 2-Butanone	4.75	43	34591	9.666	ug/l 99
19) Cyclohexane	5.40	56	23712	1.523	ug/l 92
20) Methylcyclohexane	6.77	83	20073	1.740	ug/l 98
21) 2,2-Dichloropropane	4.68	77	22658	1.727	ug/l 99
22) cis-1,2-Dichloroethene	4.68	96	14192	1.797	ug/l 98
23) Diethyl Ether	2.39	59	11766	1.786	ug/l 91
24) tert-Butyl Alcohol	3.26	59	10466	5.464	ug/l # 82
25) Methyl tert-Butyl Ether	3.38	73	36840	1.752	ug/l 99
26) Bromochloromethane	4.99	128	6114	1.893	ug/l 95
27) Chloroform	5.11	83	26579	1.765	ug/l 97
28) 1,1,1-Trichloroethane	5.33	97	21218	1.742	ug/l 99
29) 1,1-Dichloropropene	5.54	75	20642	1.760	ug/l 98
30) Carbon Tetrachloride	5.54	117	16499	1.656	ug/l 93
31) Isopropyl Ether	4.02	45	49815	1.698	ug/l 97
32) Ethyl-t-butyl ether	4.53	59	42863	1.717	ug/l 98
33) Tert-Amyl methyl ether	5.96	73	35706	1.984	ug/l 99
34) Propionitrile	4.82	54	8470	9.595	ug/l # 88
35) Benzene	5.79	78	55962	1.929	ug/l 99
36) 1,2-Dichloroethane	5.81	62	21377	1.965	ug/l 99
37) Trichloroethene	6.55	130	12621	1.901	ug/l 98
38) 1,2-Dichloropropane	6.80	63	13935	1.742	ug/l 96
39) Methacrylonitrile	5.01	41	8208	1.764	ug/l 96
40) Methyl acrylate	4.87	55	11689	1.948	ug/l 98
41) Tetrahydrofuran	5.10	42	8720	3.726	ug/l 92
42) 1-Chlorobutane	5.47	56	31689	1.721	ug/l 99

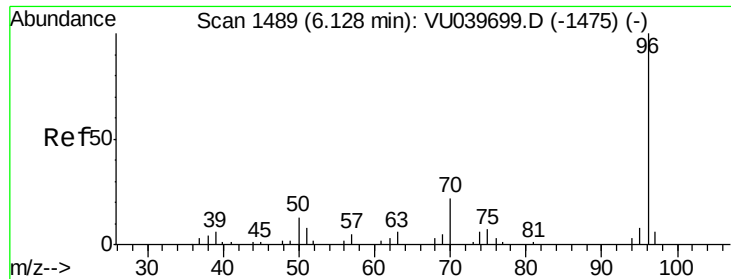
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU073120\
 Data File : VU039732.D
 Acq On : 31 Jul 2020 13:43
 Operator : SY/MD
 Sample : VU0731WBS01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 01 01:29:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U072920DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Jul 31 07:12:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.93	93	7880	1.831	ug/l	93
44) Bromodichloromethane	7.12	83	16680	1.690	ug/l	97
45) 4-Methyl-2-Pentanone	7.82	43	56694	8.697	ug/l	97
46) t-1,4-Dichloro-2-butene	10.83	75	16248	8.380	ug/l #	46
47) Methyl methacrylate	6.98	69	13968	3.480	ug/l	99
48) Ethyl methacrylate	8.35	69	11904	1.611	ug/l	98
49) Toluene	7.98	92	27858	1.613	ug/l	99
50) t-1,3-Dichloropropene	8.22	75	13768	1.549	ug/l	99
51) cis-1,3-Dichloropropene	7.62	75	16122	1.543	ug/l	94
52) 1,1,2-Trichloroethane	8.41	97	9584	1.714	ug/l	93
53) 1,3-Dichloropropane	8.58	76	18393	1.713	ug/l	99
54) 2-Hexanone	8.70	43	39488	8.460	ug/l	96
55) Dibromochloromethane	8.82	129	10299	1.715	ug/l	97
56) 1,2-Dibromoethane	8.93	107	9346	1.735	ug/l	98
58) Tetrachloroethene	8.56	164	10267	1.767	ug/l	96
59) Chlorobenzene	9.45	112	29408	1.647	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.54	131	9983	1.658	ug/l	99
61) Pentachloroethane	11.43	117	8562	1.618	ug/l	94
62) Hexachloroethane	12.47	117	7699	1.588	ug/l	94
63) Ethyl Benzene	9.57	91	50092	1.565	ug/l	96
64) m/p-Xylenes	9.70	106	40080	3.205	ug/l	98
65) o-Xylene	10.10	106	18904	1.592	ug/l	99
66) Styrene	10.12	104	32500	1.597	ug/l	99
67) Bromoform	10.29	173	4719	1.541	ug/l #	94
69) Isopropylbenzene	10.48	105	49912	1.574	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.78	83	14188	1.763	ug/l	97
71) 1,2,3-Trichloropropane	10.83	75	16248	2.680	ug/l	80
72) Bromobenzene	10.78	156	11727	1.628	ug/l	95
73) n-propylbenzene	10.91	120	13274	1.489	ug/l	90
74) 2-Chlorotoluene	10.99	126	12245	1.626	ug/l	100
75) 1,3,5-Trimethylbenzene	11.09	105	43361	1.582	ug/l	100
76) 4-Chlorotoluene	11.10	126	13238	1.697	ug/l	93
77) tert-Butylbenzene	11.42	119	40670	1.546	ug/l	98
78) 1,2,4-Trimethylbenzene	11.46	105	44075	1.568	ug/l	97
79) sec-Butylbenzene	11.64	105	58941	1.575	ug/l	98
80) Nitrobenzene	13.20	77	835	6.131	ug/l #	86
81) p-Isopropyltoluene	11.79	119	47196	1.564	ug/l	100
82) 1,3-Dichlorobenzene	11.74	146	25532	1.647	ug/l	99
83) 1,4-Dichlorobenzene	11.83	146	25776	1.653	ug/l	100
84) n-Butylbenzene	12.20	91	48005	1.498	ug/l	97
85) 1,2-Dichlorobenzene	12.21	146	24016	1.607	ug/l	98
86) 1,2-Dibromo-3-Chloropropan	12.99	75	2137	1.576	ug/l	95
87) 1,2,4-Trichlorobenzene	13.83	180	13619	1.457	ug/l	99
88) Hexachlorobutadiene	14.01	225	6819	1.607	ug/l	99
89) Naphthalene	14.08	128	27496	1.375	ug/l	100
90) 1,2,3-Trichlorobenzene	14.32	180	13373	1.516	ug/l	97

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



#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 6.12 min Scan# 1488

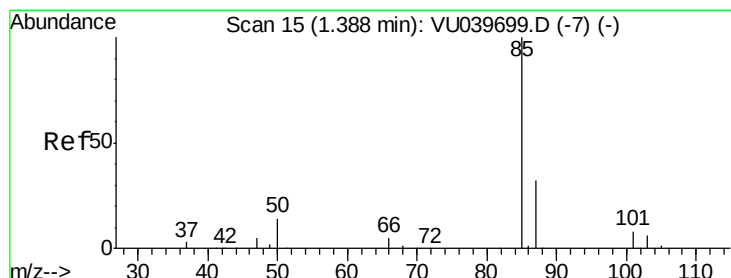
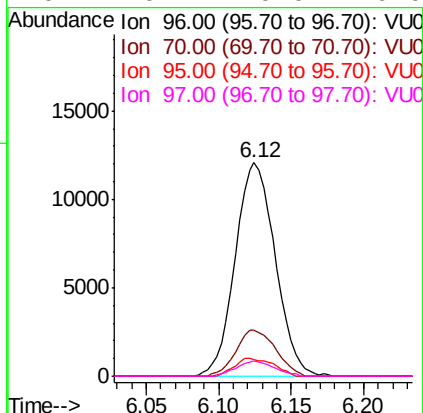
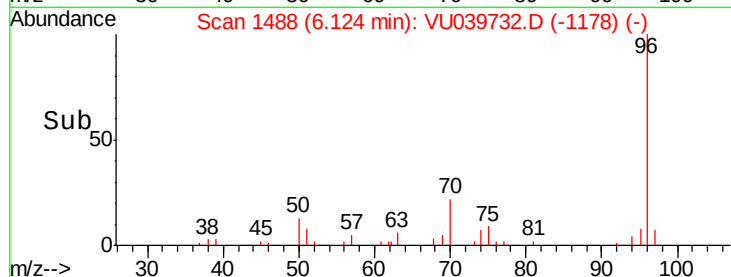
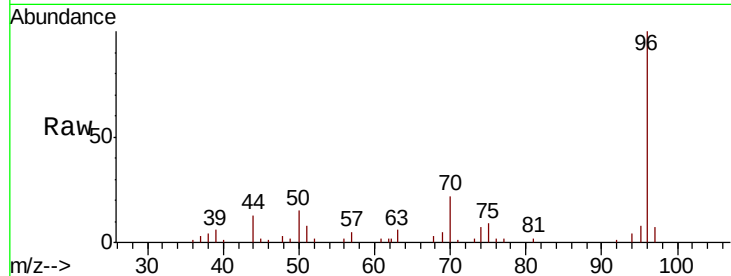
Delta R.T. -0.00 min

Lab File: VU039732.D

Acq: 31 Jul 2020 13:43

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:	96	Resp:	23190
Ion	Ratio	Lower	Upper
96	100		
70	21.6	16.3	24.5
95	8.3	6.8	10.2
97	6.7	0.0	0.0#



#2

Dichlorodifluoromethane

Concen: 1.787 ug/l

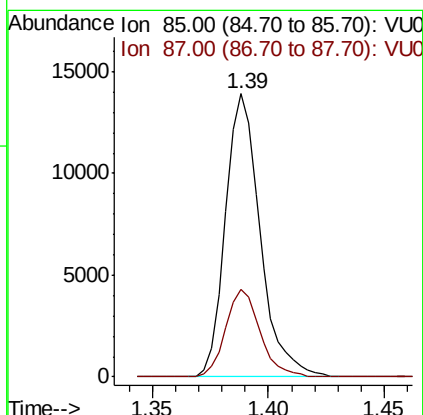
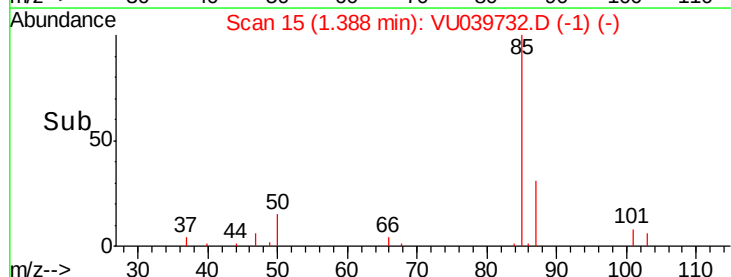
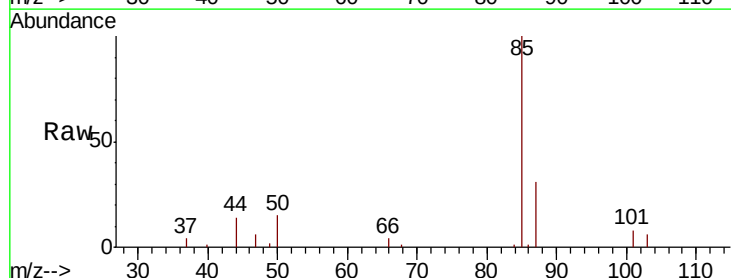
RT: 1.39 min Scan# 15

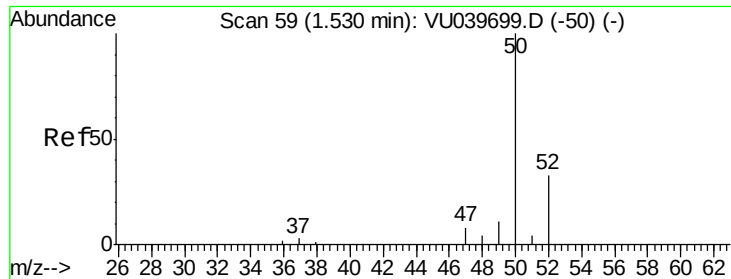
Delta R.T. -0.00 min

Lab File: VU039732.D

Acq: 31 Jul 2020 13:43

Tgt Ion:	85	Resp:	14403
Ion	Ratio	Lower	Upper
85	100		
87	31.0	16.2	48.6





#3

Chloromethane

Concen: 1.866 ug/l

RT: 1.53 min Scan# 59

Delta R.T. -0.00 min

Lab File: VU039732.D

Acq: 31 Jul 2020 13:43

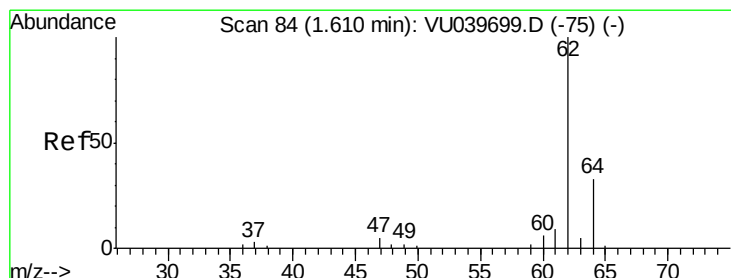
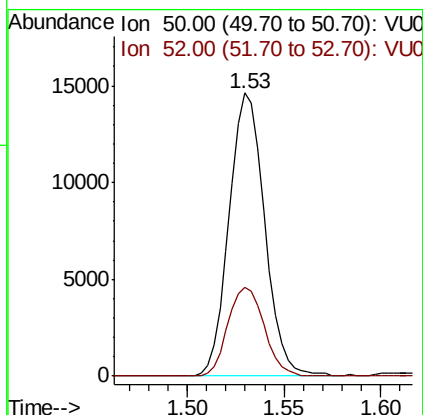
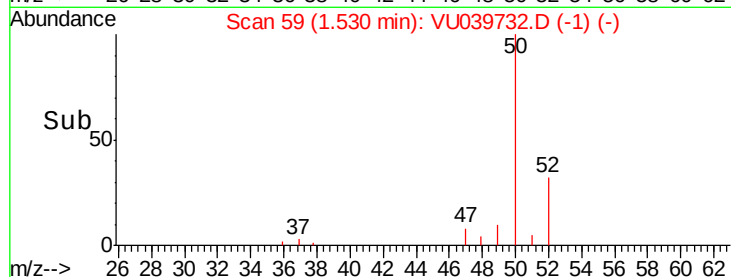
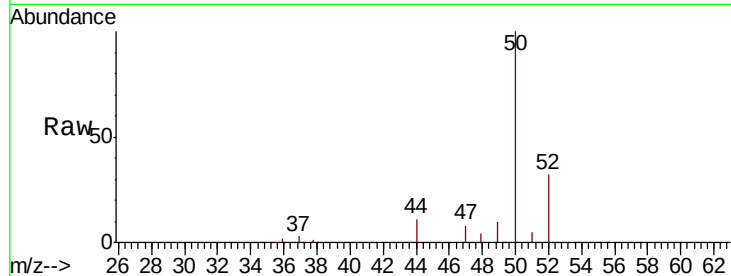
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 50 Resp: 18674

Ion Ratio Lower Upper

50 100

52 31.6 26.0 39.0



#4

Vinyl Chloride

Concen: 1.782 ug/l

RT: 1.61 min Scan# 84

Delta R.T. -0.00 min

Lab File: VU039732.D

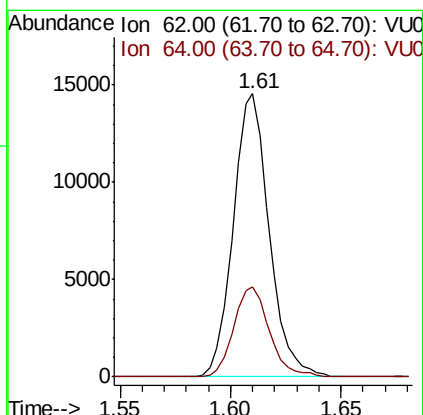
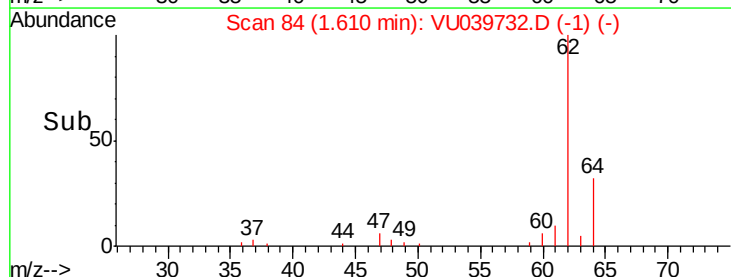
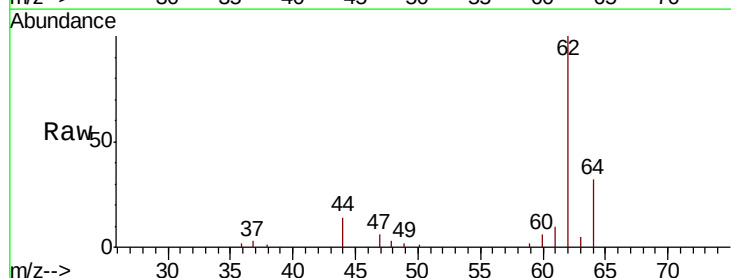
Acq: 31 Jul 2020 13:43

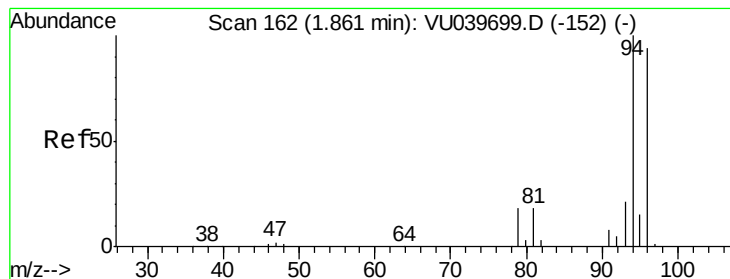
Tgt Ion: 62 Resp: 16439

Ion Ratio Lower Upper

62 100

64 31.7 26.0 39.0





#5

Bromomethane

Concen: 1.717 ug/l

RT: 1.87 min Scan# 164

Delta R.T. 0.01 min

Lab File: VU039732.D

Acq: 31 Jul 2020 13:43

Instrument :

MSVOA_U

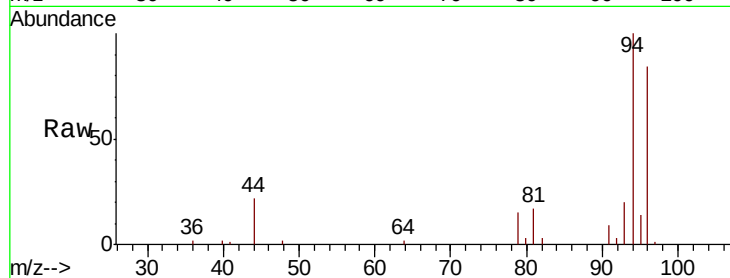
ClientSampleId :

Tot Ion: 94 Resp: 10836

Ion Ratio Lower Upper

94 100

96 84.3 75.0 112.6

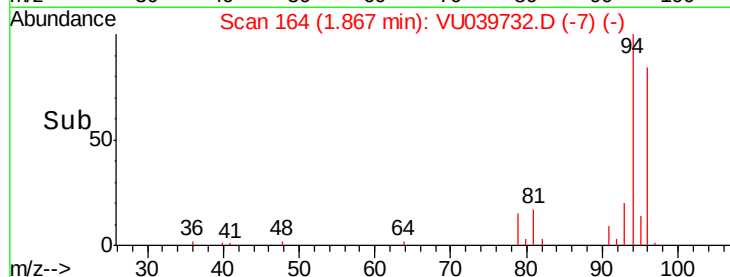


Abundance Ion 94.00 (93.70 to 94.70): VU039699.D (-152) (-)

Ion 96.00 (95.70 to 96.70): VU039699.D (-152) (-)

1.87

Time-->

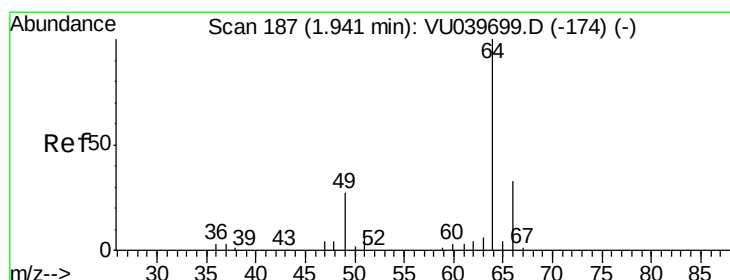


Abundance Ion 94.00 (93.70 to 94.70): VU039732.D (-7) (-)

Ion 96.00 (95.70 to 96.70): VU039732.D (-7) (-)

1.87

Time-->



#6

Chloroethane

Concen: 1.987 ug/l

RT: 1.94 min Scan# 187

Delta R.T. -0.00 min

Lab File: VU039732.D

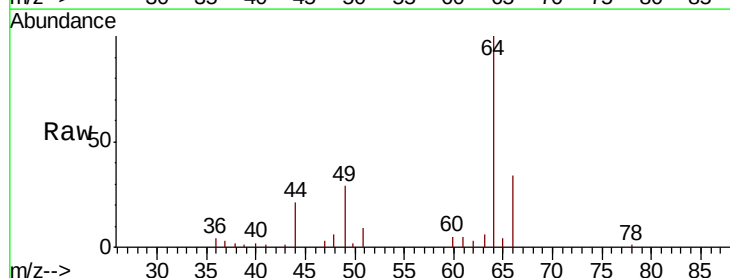
Acq: 31 Jul 2020 13:43

Tgt Ion: 64 Resp: 12717

Ion Ratio Lower Upper

64 100

66 34.8 26.2 39.2

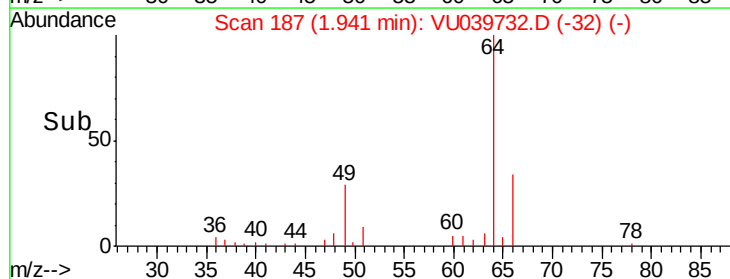


Abundance Ion 64.00 (63.70 to 64.70): VU039699.D (-174) (-)

Ion 66.00 (65.70 to 66.70): VU039699.D (-174) (-)

1.94

Time-->

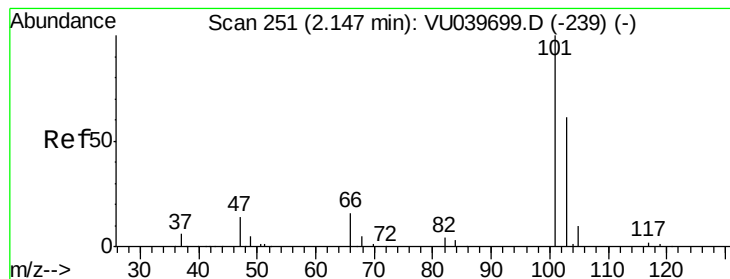


Abundance Ion 64.00 (63.70 to 64.70): VU039732.D (-32) (-)

Ion 66.00 (65.70 to 66.70): VU039732.D (-32) (-)

1.94

Time-->

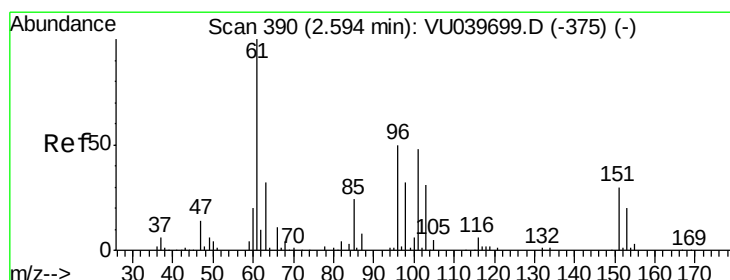
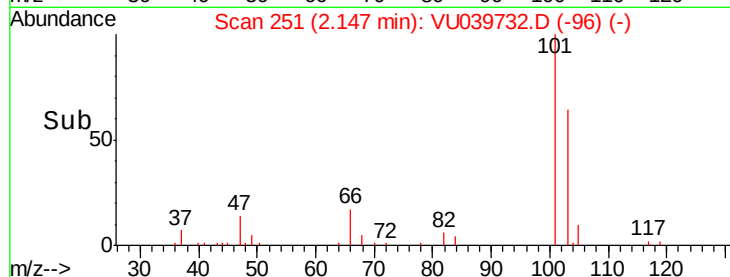
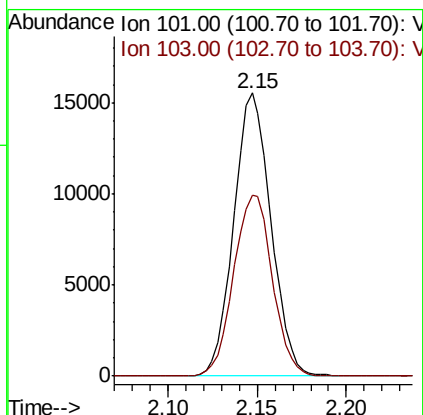
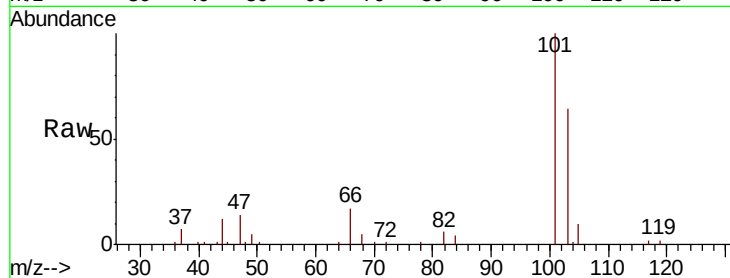


#7

Trichlorofluoromethane
Concen: 1.855 ug/l
RT: 2.15 min Scan# 251
Delta R.T. -0.00 min
Lab File: VU039732.D
Acq: 31 Jul 2020 13:43

Instrument :
MSVOA_U
ClientSampleId :

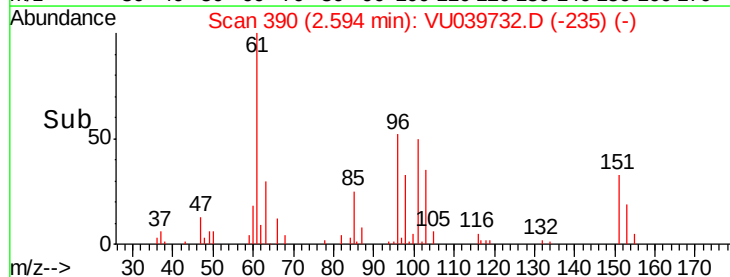
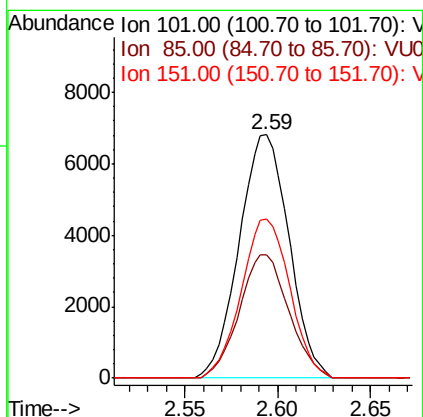
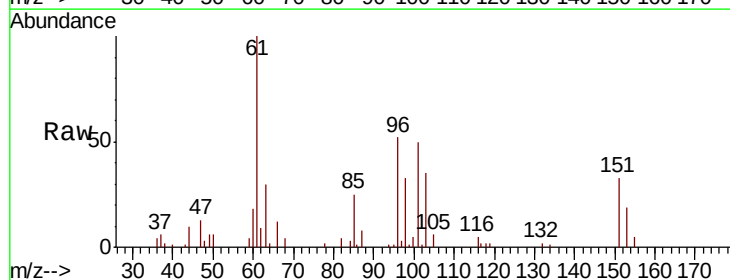
Tot Ion:101 Resp: 22630
Ion Ratio Lower Upper
101 100
103 64.1 48.8 73.2

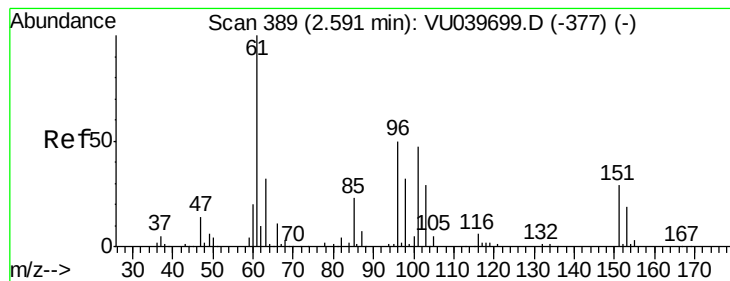


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.814 ug/l
RT: 2.59 min Scan# 390
Delta R.T. -0.00 min
Lab File: VU039732.D
Acq: 31 Jul 2020 13:43

Tgt Ion:101 Resp: 12700
Ion Ratio Lower Upper
101 100
85 50.3 39.9 59.9
151 63.6 51.0 76.4





#9

1,1-Dichloroethene

Concen: 1.756 ug/l

RT: 2.59 min Scan# 390

Delta R.T. 0.00 min

Lab File: VU039732.D

Acq: 31 Jul 2020 13:43

Instrument :

MSVOA_U

ClientSampled :

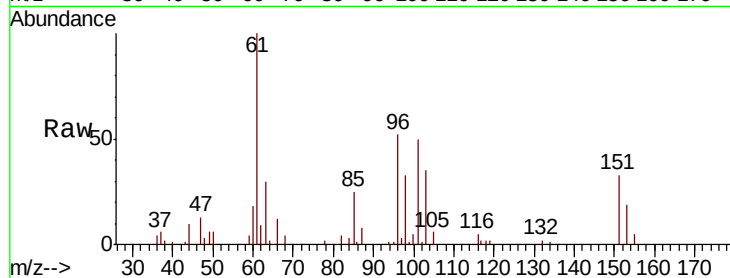
Tot Ion: 96 Resp: 11318

Ion Ratio Lower Upper

96 100

61 192.3 0.0 604.5

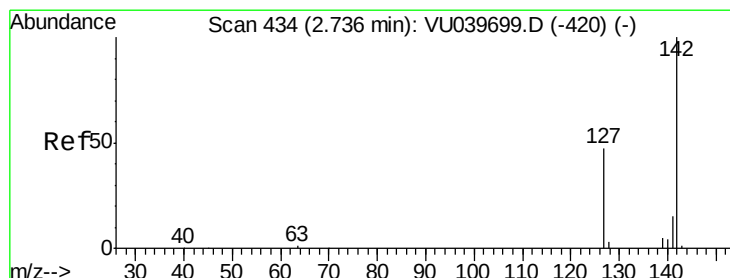
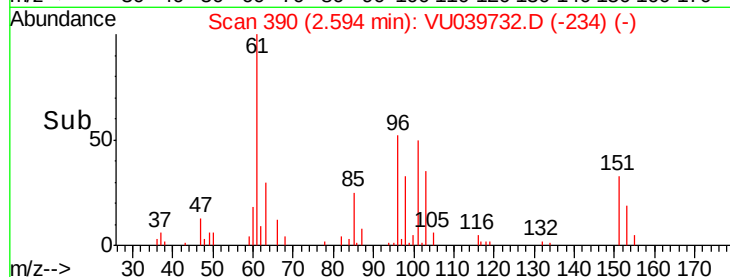
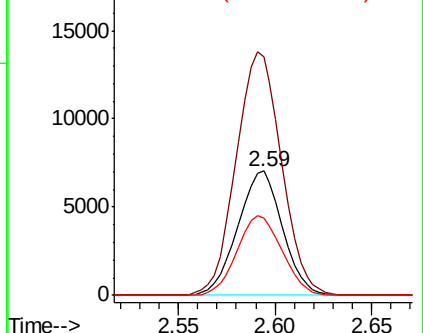
98 62.6 0.0 127.2



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: 2.203 ug/l

RT: 2.74 min Scan# 434

Delta R.T. -0.00 min

Lab File: VU039732.D

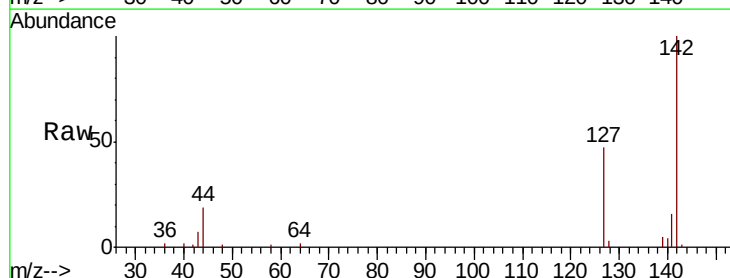
Acq: 31 Jul 2020 13:43

Tgt Ion:142 Resp: 14317

Ion Ratio Lower Upper

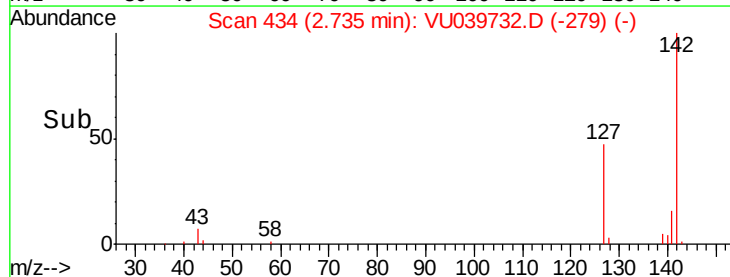
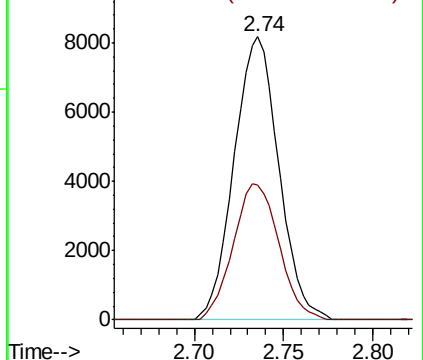
142 100

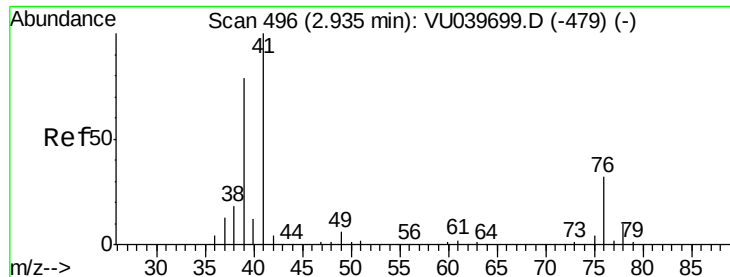
127 49.2 38.4 57.6



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

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

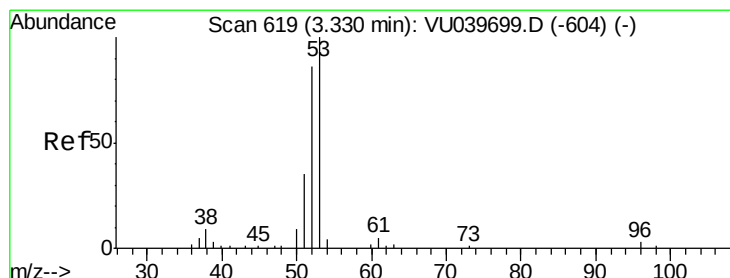
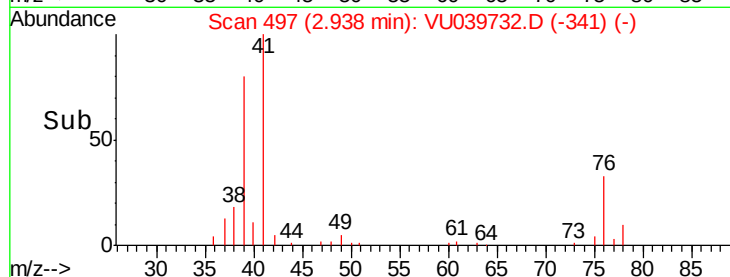
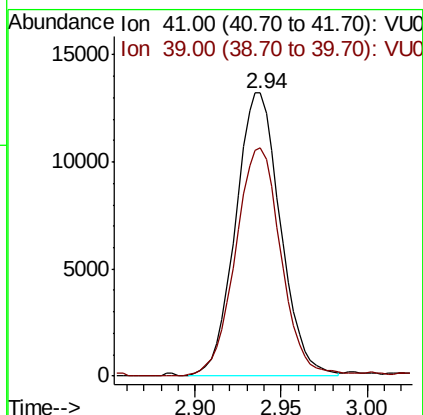
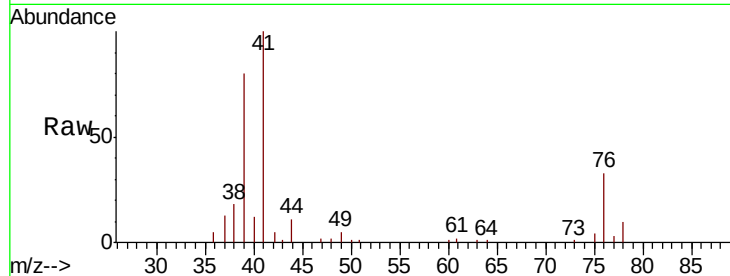




#11
Allvl Chloride
Concen: 1.723 ug/l
RT: 2.94 min Scan# 497
Delta R.T. 0.00 min
Lab File: VU039732.D
Acq: 31 Jul 2020 13:43

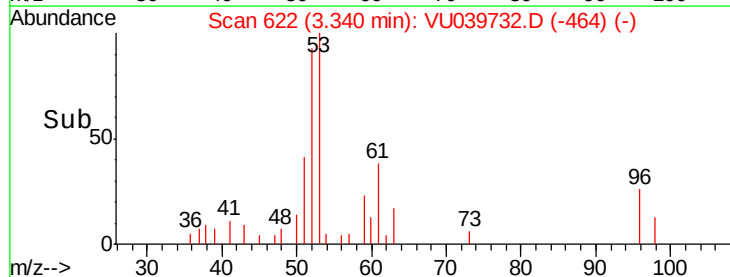
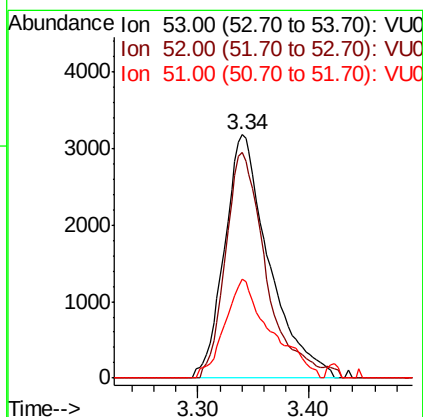
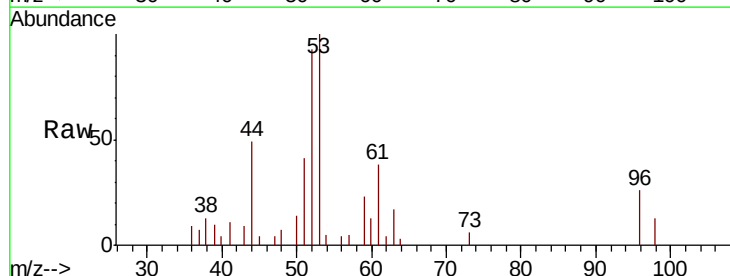
Instrument :
MSVOA_U
ClientSampled :

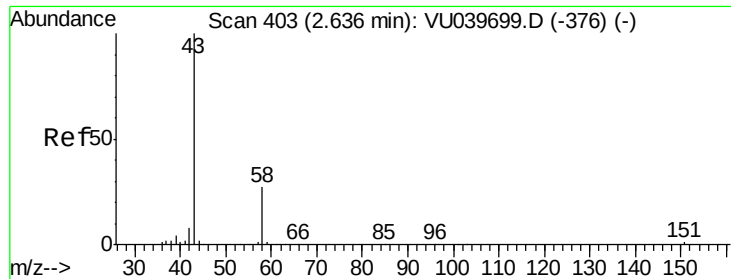
Tot Ion: 41 Resp: 23952
Ion Ratio Lower Upper
41 100
39 82.2 64.2 96.2



#12
Acrylonitrile
Concen: 3.936 ug/l
RT: 3.34 min Scan# 622
Delta R.T. 0.01 min
Lab File: VU039732.D
Acq: 31 Jul 2020 13:43

Tgt Ion: 53 Resp: 8901
Ion Ratio Lower Upper
53 100
52 83.7 69.1 103.7
51 41.9 29.4 44.2





#13

Acetone

Concen: 9.078 ug/l

RT: 2.66 min Scan# 410

Delta R.T. 0.02 min

Lab File: VU039732.D

Acq: 31 Jul 2020 13:43

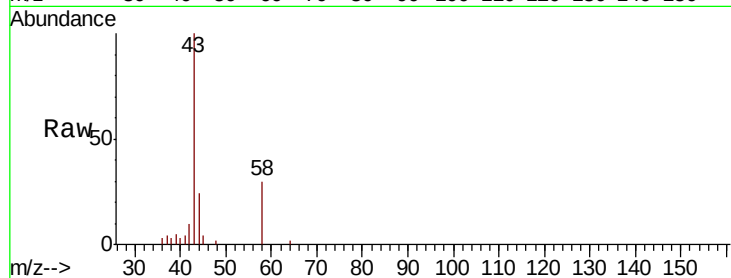
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 19319

Ion Ratio Lower Upper

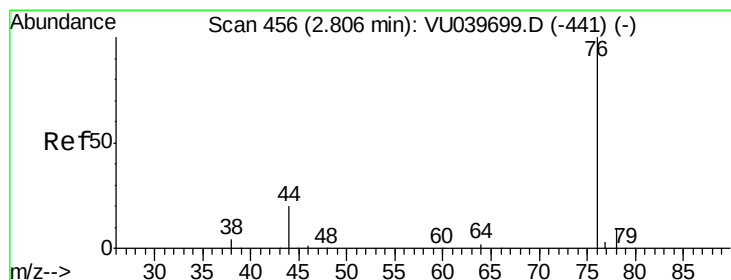
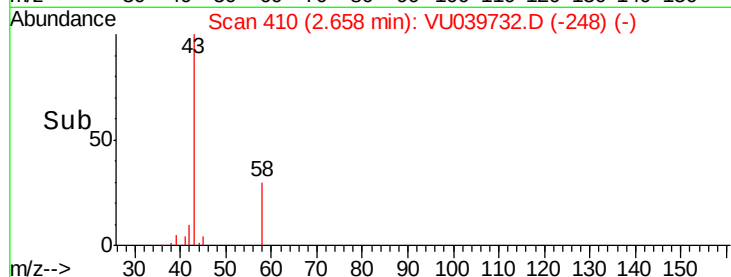
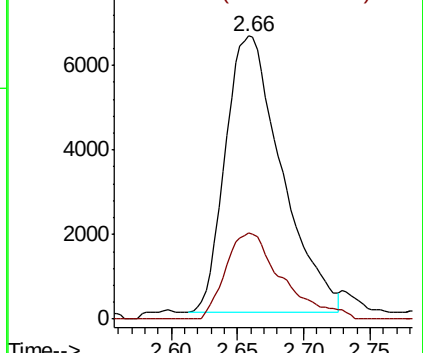
43 100

58 31.2 21.8 32.6



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

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



#14

Carbon Disulfide

Concen: 1.716 ug/l

RT: 2.80 min Scan# 455

Delta R.T. -0.00 min

Lab File: VU039732.D

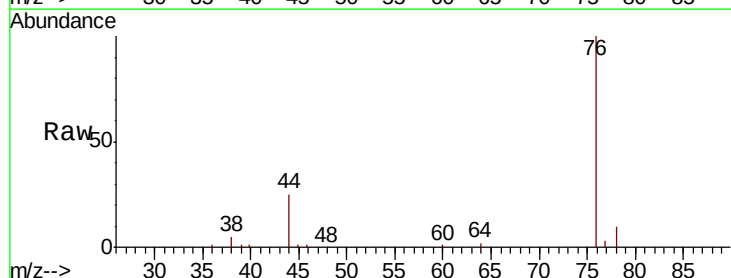
Acq: 31 Jul 2020 13:43

Tgt Ion: 76 Resp: 40540

Ion Ratio Lower Upper

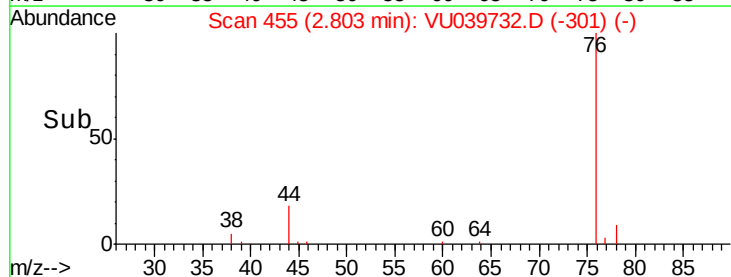
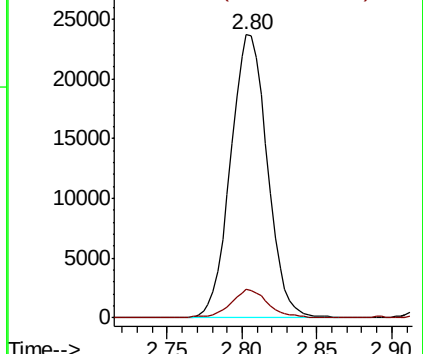
76 100

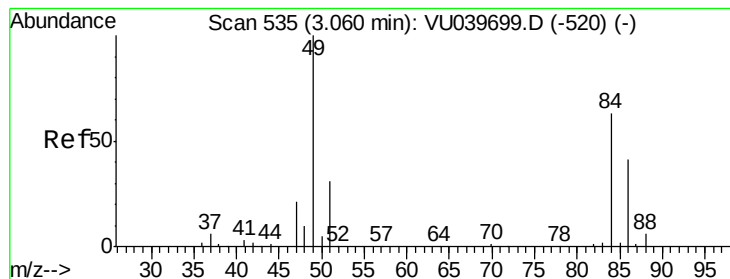
78 9.9 7.0 10.6



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

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





#15

Methylene Chloride

Concen: 1.915 ug/l

RT: 3.06 min Scan# 534

Delta R.T. -0.00 min

Lab File: VU039732.D

Acq: 31 Jul 2020 13:43

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 84 Resp: 17202

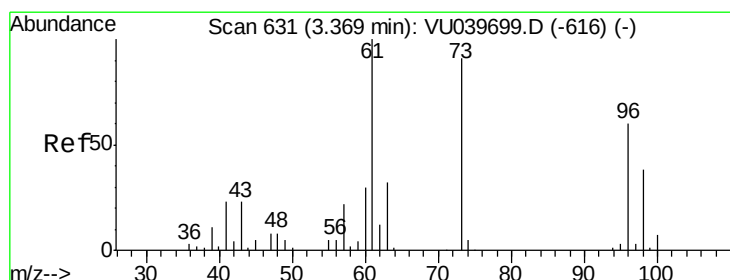
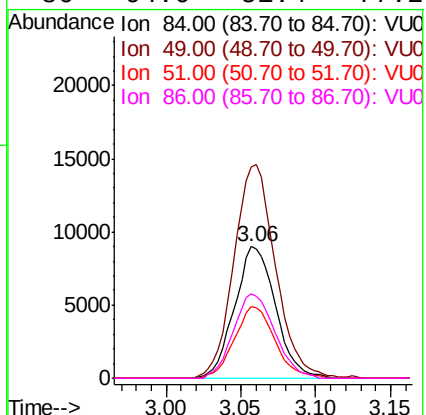
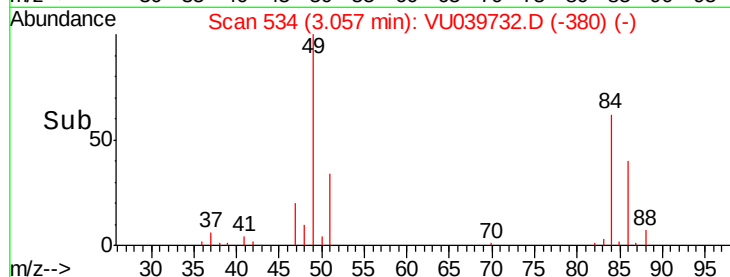
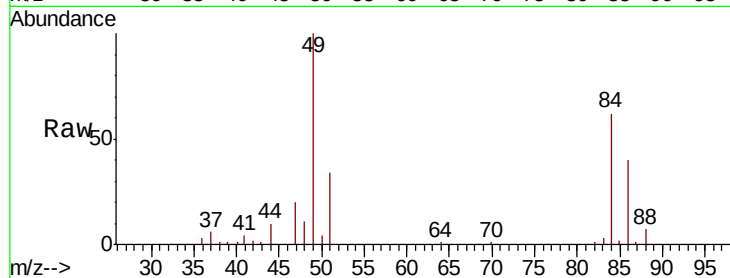
Ion Ratio Lower Upper

84 100

49 160.7 126.8 190.2

51 54.1 0.0 97.2

86 64.0 51.4 77.2



#16

trans-1,2-Dichloroethene

Concen: 1.789 ug/l

RT: 3.37 min Scan# 630

Delta R.T. -0.00 min

Lab File: VU039732.D

Acq: 31 Jul 2020 13:43

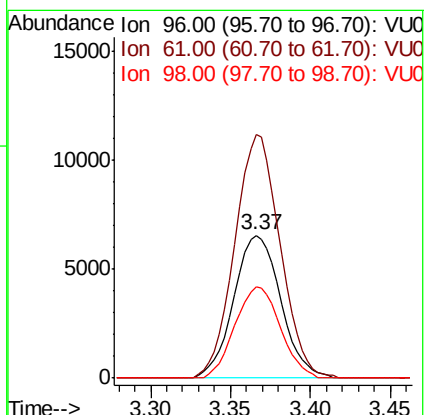
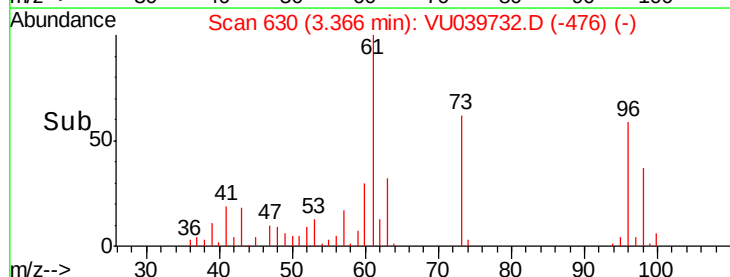
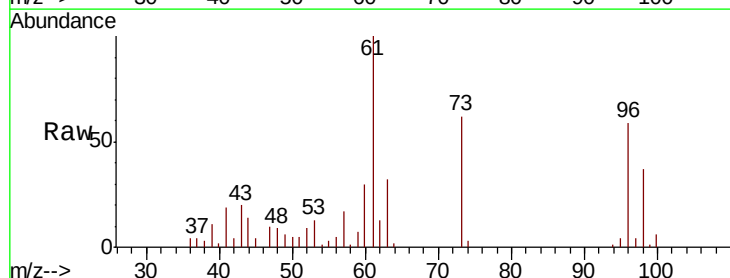
Tgt Ion: 96 Resp: 13107

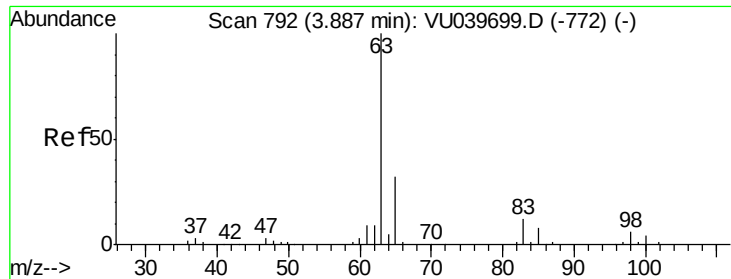
Ion Ratio Lower Upper

96 100

61 170.2 132.6 199.0

98 63.7 50.2 75.2

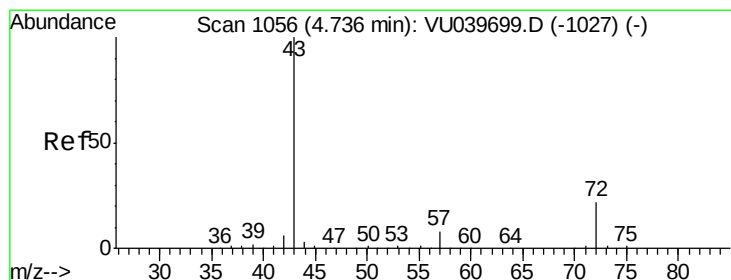
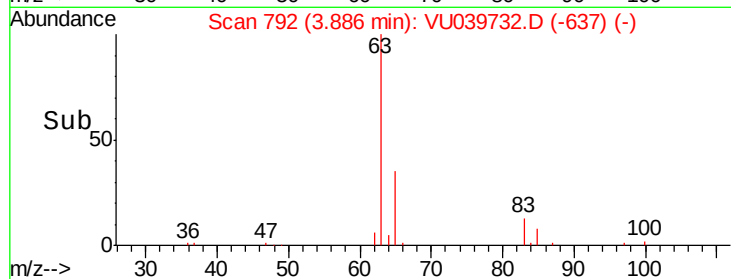
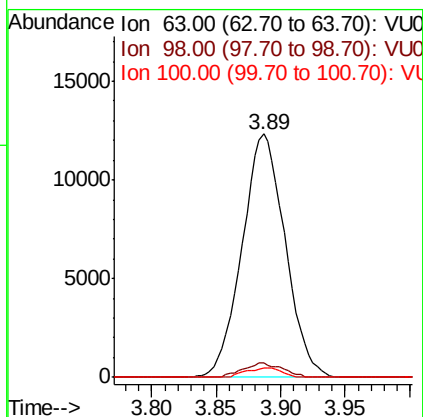
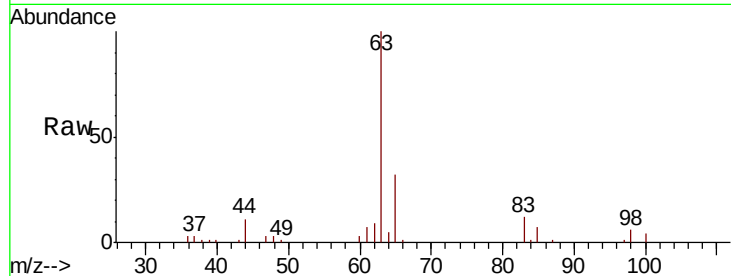




#17
 1,1-Dichloroethane
 Concen: 1.785 ug/l
 RT: 3.89 min Scan# 792
 Delta R.T. -0.00 min
 Lab File: VU039732.D
 Acq: 31 Jul 2020 13:43

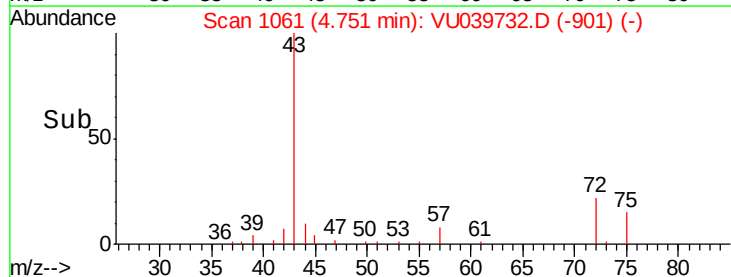
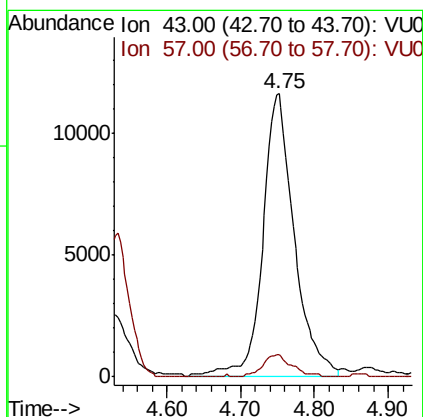
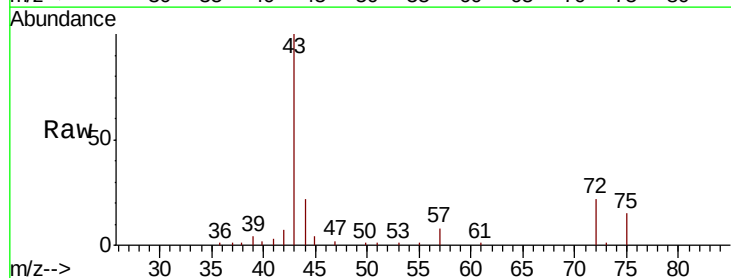
Instrument :
 MSVOA_U
 ClientSampleId :

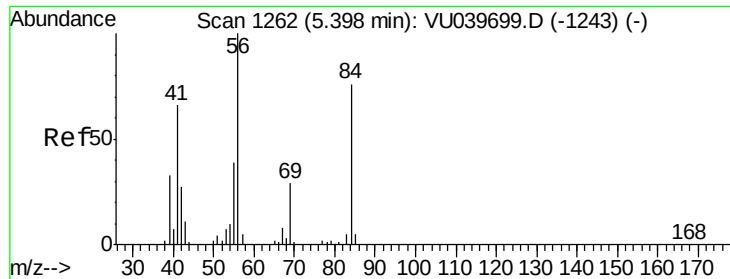
Tot Ion	Ratio	Lower	Upper
63	100		
98	5.8	2.9	8.7
100	3.7	2.0	6.0



#18
 2-Butanone
 Concen: 9.666 ug/l
 RT: 4.75 min Scan# 1061
 Delta R.T. 0.02 min
 Lab File: VU039732.D
 Acq: 31 Jul 2020 13:43

Tgt Ion	Ratio	Lower	Upper
43	100		
57	7.8	0.0	15.2

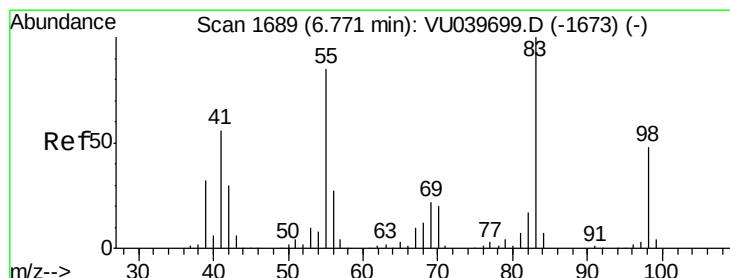
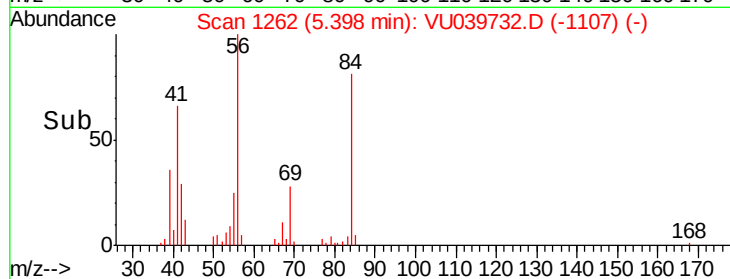
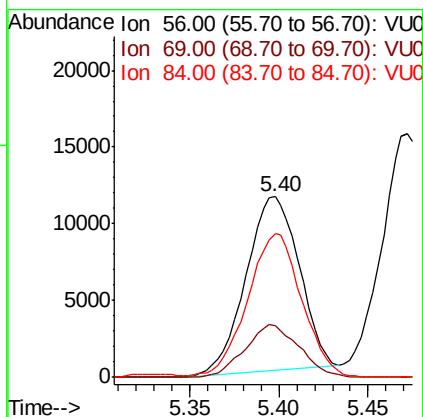
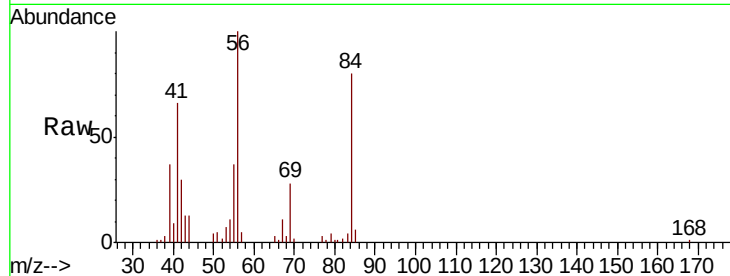




#19
Cyclohexane
Concen: 1.523 ug/l
RT: 5.40 min Scan# 1262
Delta R.T. -0.00 min
Lab File: VU039732.D
Acq: 31 Jul 2020 13:43

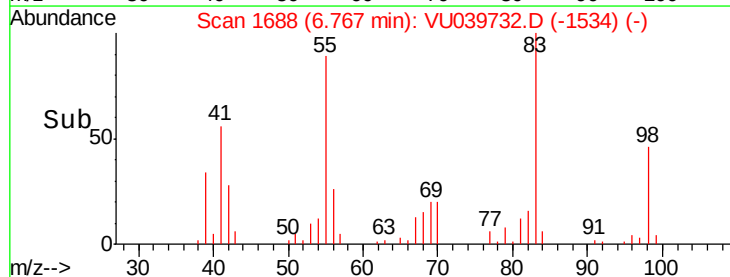
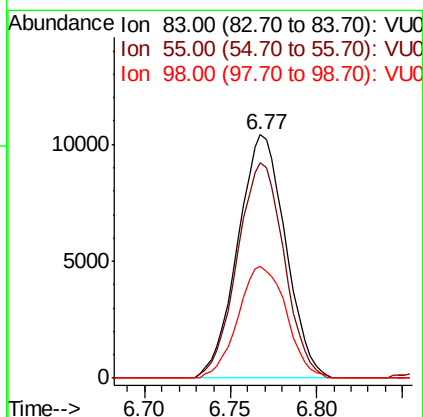
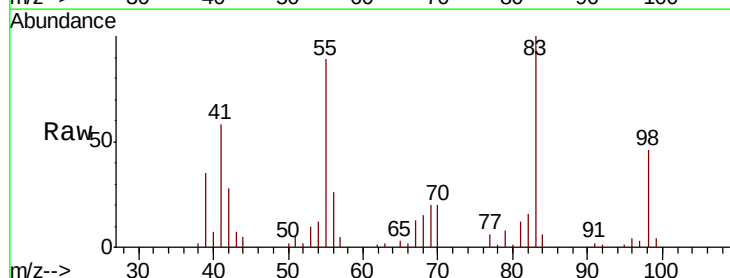
Instrument :
MSVOA_U
ClientSampleId :

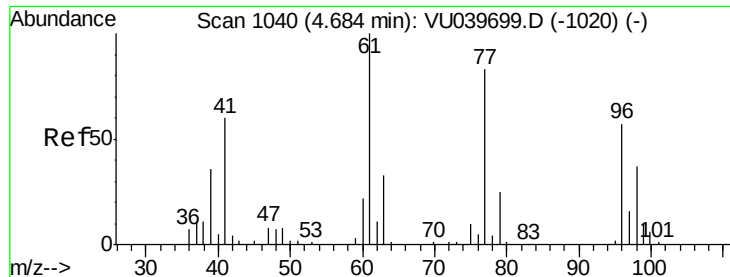
Tot Ion: 56 Resp: 23712
Ion Ratio Lower Upper
56 100
69 30.6 22.8 34.2
84 82.9 59.9 89.9



#20
Methylcyclohexane
Concen: 1.740 ug/l
RT: 6.77 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VU039732.D
Acq: 31 Jul 2020 13:43

Tgt Ion: 83 Resp: 20073
Ion Ratio Lower Upper
83 100
55 86.9 67.6 101.4
98 46.4 37.3 55.9

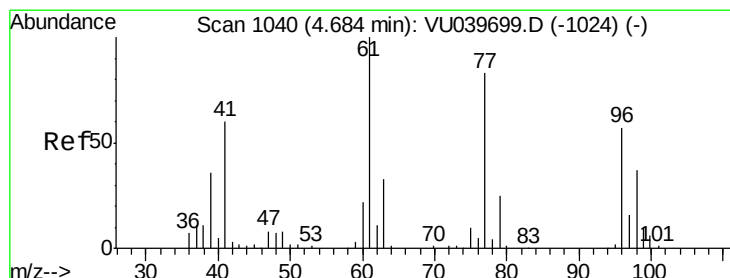
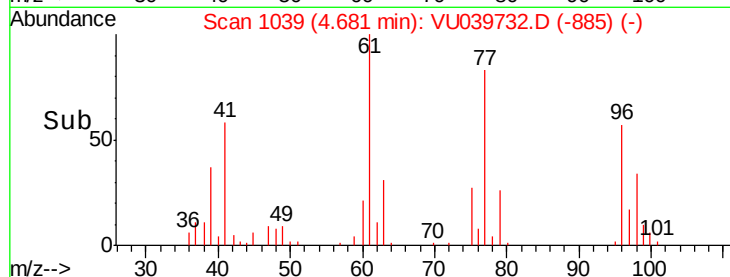
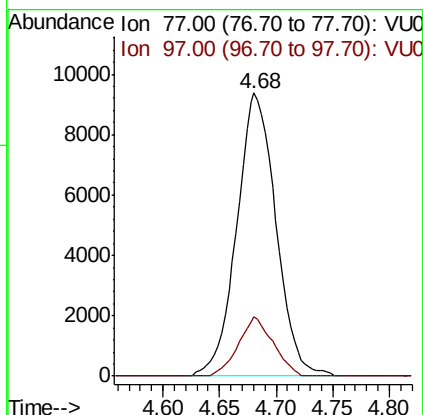
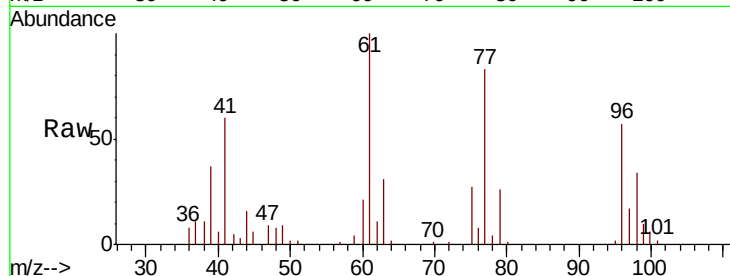




#21
 2,2-Dichloropropane
 Concen: 1.727 ug/l
 RT: 4.68 min Scan# 1039
 Delta R.T. -0.00 min
 Lab File: VU039732.D
 Acq: 31 Jul 2020 13:43

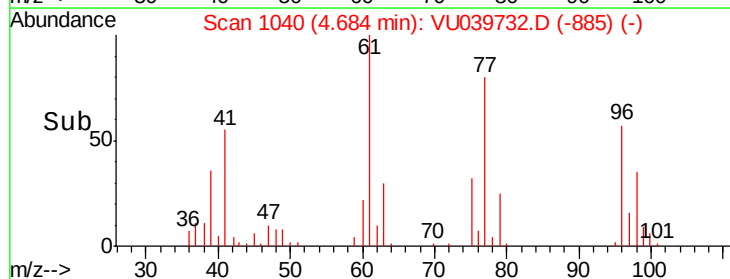
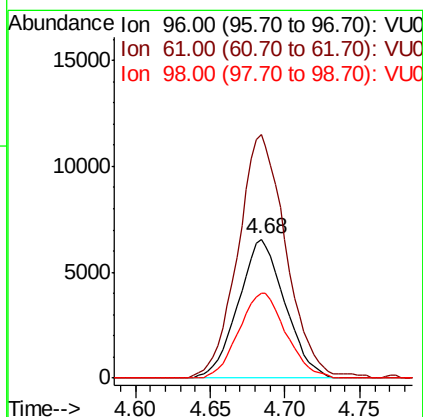
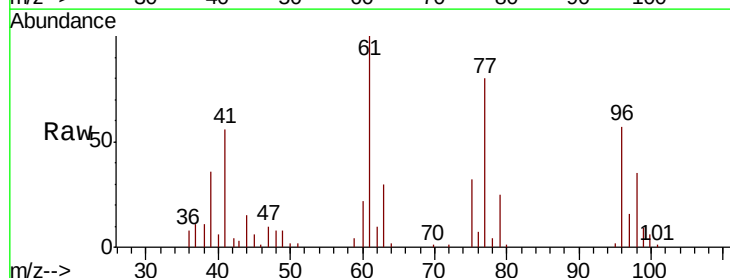
Instrument :
 MSVOA_U
 ClientSampleId :

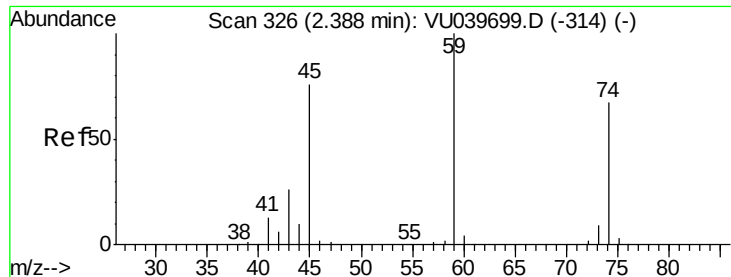
Tot Ion: 77 Resp: 22658
 Ion Ratio Lower Upper
 77 100
 97 18.5 15.2 22.8



#22
 cis-1,2-Dichloroethene
 Concen: 1.797 ug/l
 RT: 4.68 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: VU039732.D
 Acq: 31 Jul 2020 13:43

Tgt Ion: 96 Resp: 14192
 Ion Ratio Lower Upper
 96 100
 61 181.3 0.0 451.3
 98 61.6 32.6 98.0

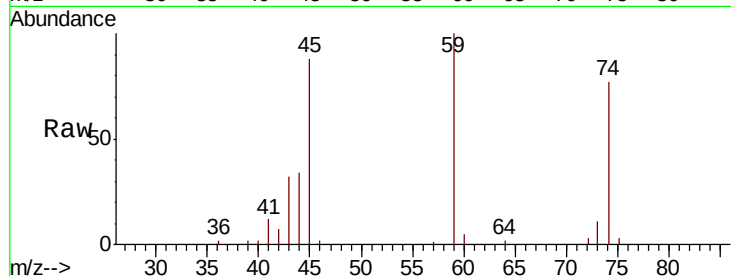




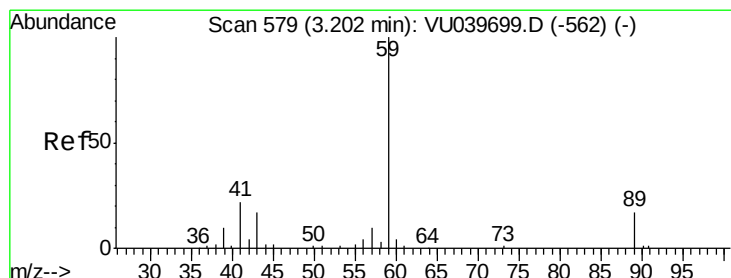
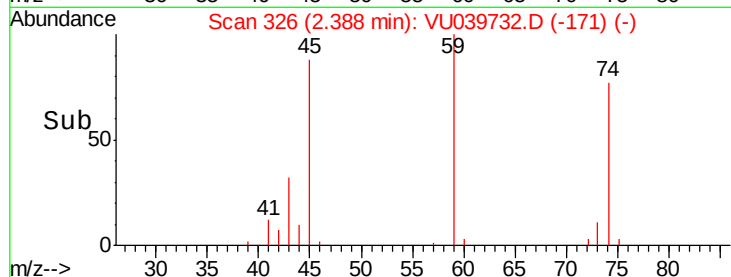
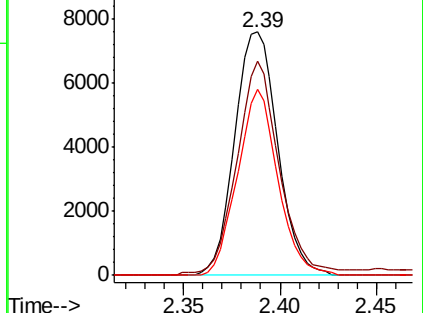
#23
Diethyl Ether
Concen: 1.786 ug/l
RT: 2.39 min Scan# 326
Delta R.T. -0.00 min
Lab File: VU039732.D
Acq: 31 Jul 2020 13:43

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 59 Resp: 11766
Ion Ratio Lower Upper
59 100
45 87.2 61.5 92.3
74 71.8 54.3 81.5

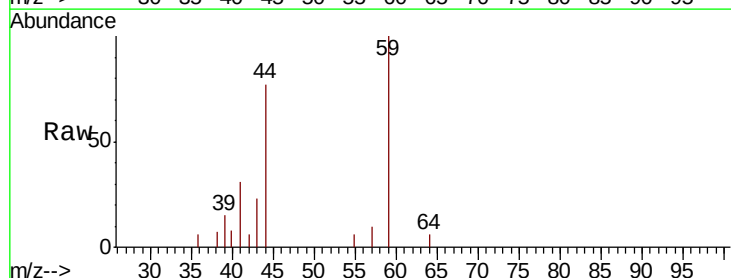


Abundance Ion 59.00 (58.70 to 59.70): VU0
Ion 45.00 (44.70 to 45.70): VU0
Ion 74.00 (73.70 to 74.70): VU0

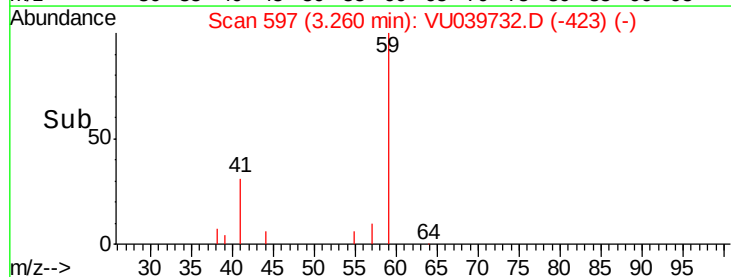
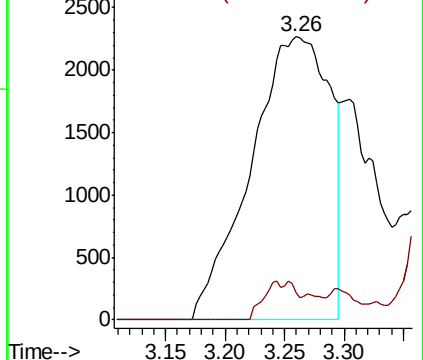


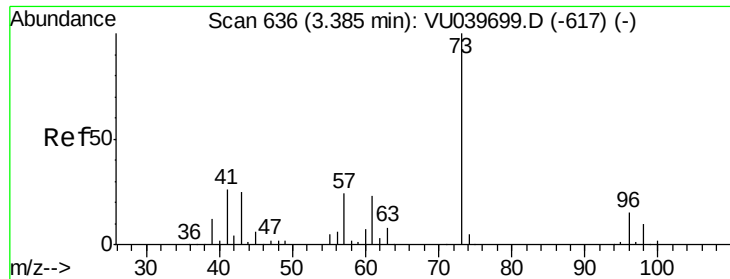
#24
tert-Butyl Alcohol
Concen: 5.464 ug/l
RT: 3.26 min Scan# 597
Delta R.T. 0.06 min
Lab File: VU039732.D
Acq: 31 Jul 2020 13:43

Tgt Ion: 59 Resp: 10466
Ion Ratio Lower Upper
59 100
57 3.1 7.8 11.6#



Abundance Ion 59.00 (58.70 to 59.70): VU0
Ion 57.00 (56.70 to 57.70): VU0

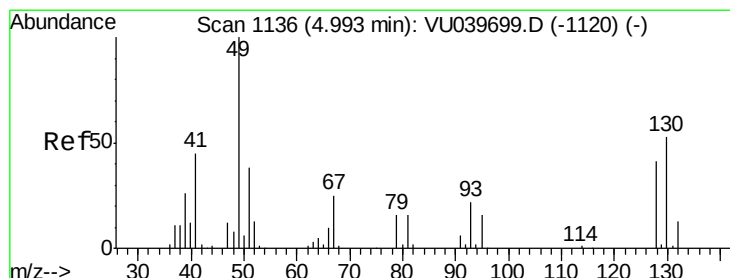
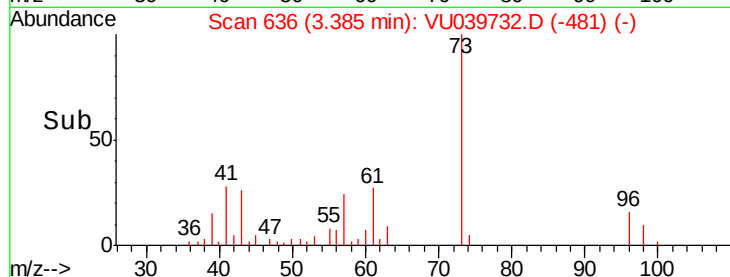
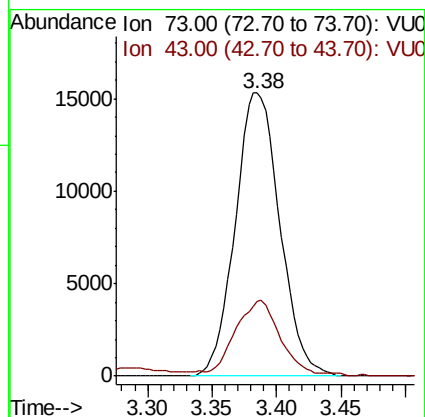
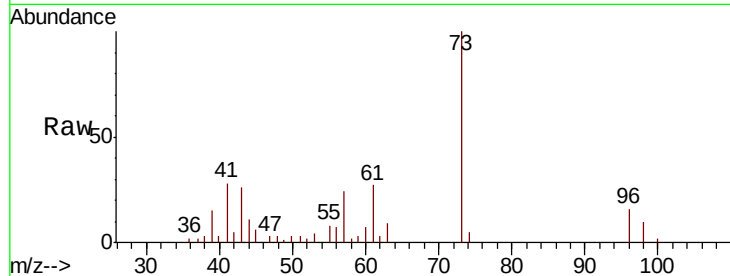




#25
Methyl tert-Butyl Ether
Concen: 1.752 ug/l
RT: 3.38 min Scan# 636
Delta R.T. -0.00 min
Lab File: VU039732.D
Acq: 31 Jul 2020 13:43

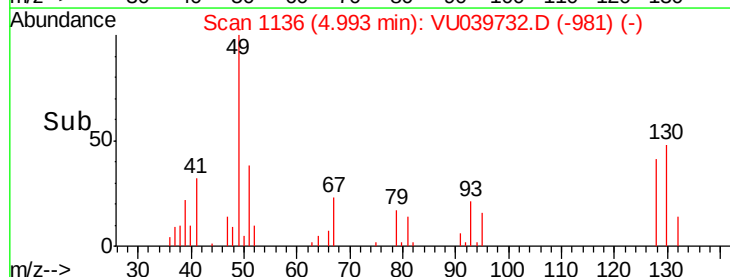
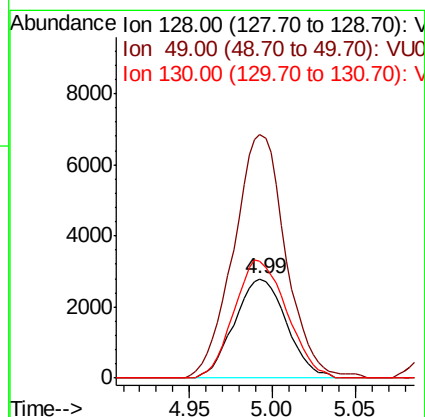
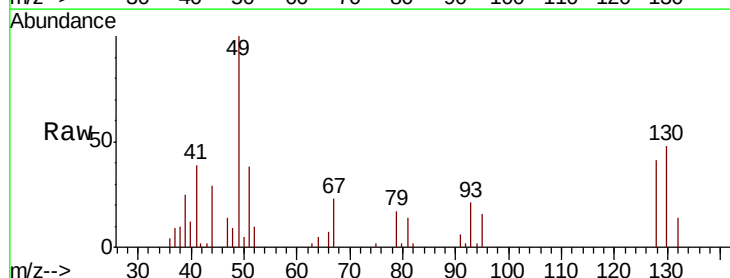
Instrument :
MSVOA_U
ClientSampled :

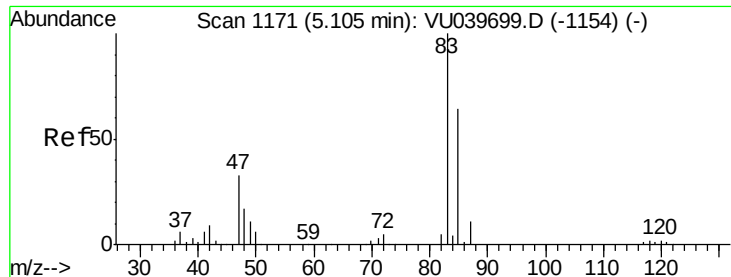
Tot Ion: 73 Resp: 36840
Ion Ratio Lower Upper
73 100
43 24.5 20.1 30.1



#26
Bromochloromethane
Concen: 1.893 ug/l
RT: 4.99 min Scan# 1136
Delta R.T. -0.00 min
Lab File: VU039732.D
Acq: 31 Jul 2020 13:43

Tgt Ion: 128 Resp: 6114
Ion Ratio Lower Upper
128 100
49 245.1 0.0 503.8
130 120.3 102.7 154.1

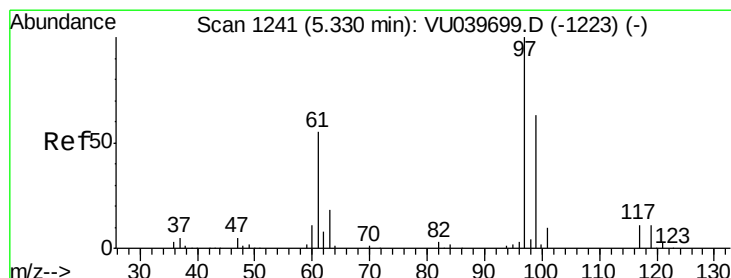
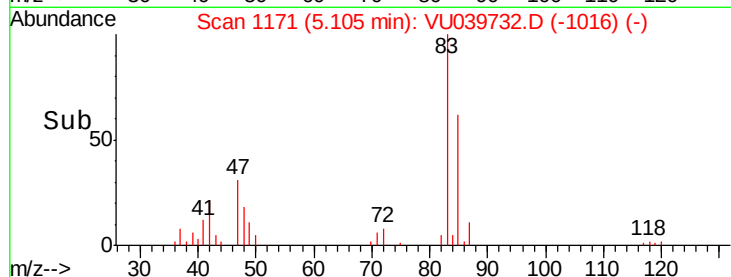
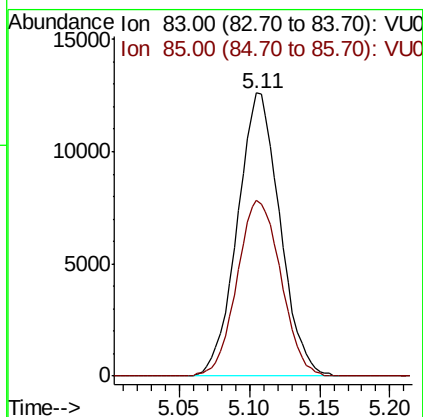
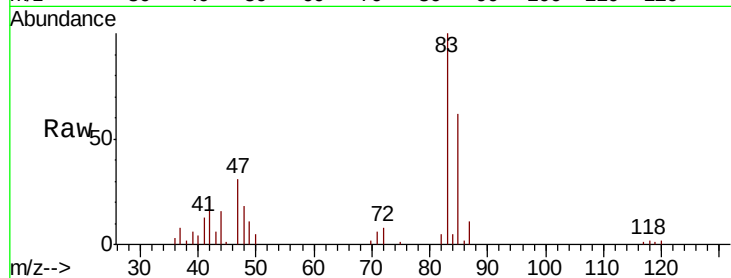




#27
Chloroform
Concen: 1.765 ug/l
RT: 5.11 min Scan# 1171
Delta R.T. -0.00 min
Lab File: VU039732.D
Acq: 31 Jul 2020 13:43

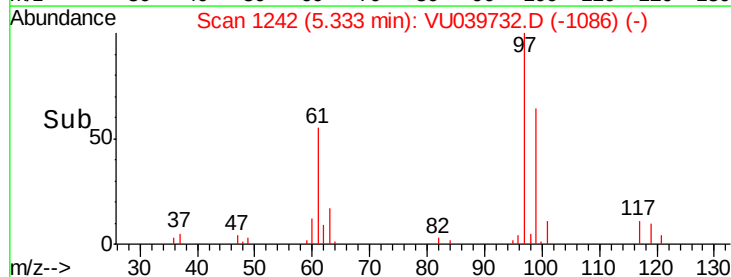
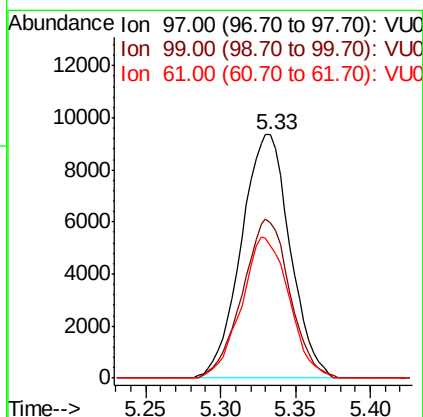
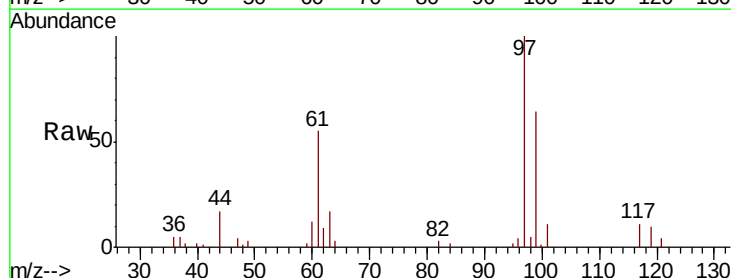
Instrument :
MSVOA_U
ClientSampled :

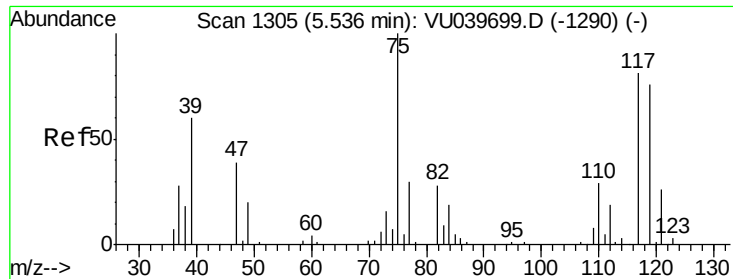
Tot Ion: 83 Resp: 26579
Ion Ratio Lower Upper
83 100
85 62.1 0.0 128.8



#28
1,1,1-Trichloroethane
Concen: 1.742 ug/l
RT: 5.33 min Scan# 1242
Delta R.T. 0.00 min
Lab File: VU039732.D
Acq: 31 Jul 2020 13:43

Tgt Ion: 97 Resp: 21218
Ion Ratio Lower Upper
97 100
99 63.5 32.2 96.6
61 56.4 28.3 85.0

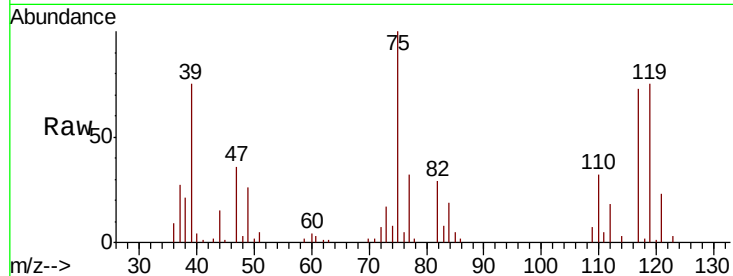




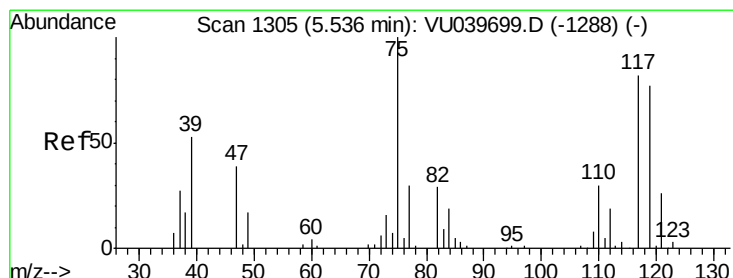
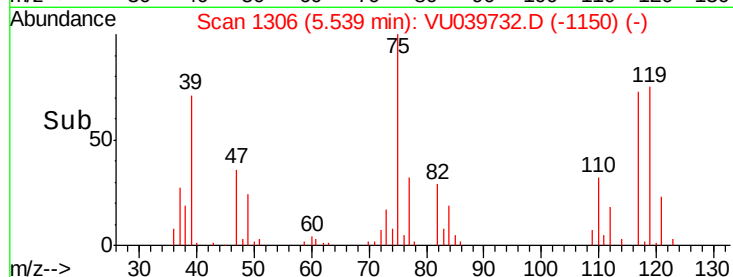
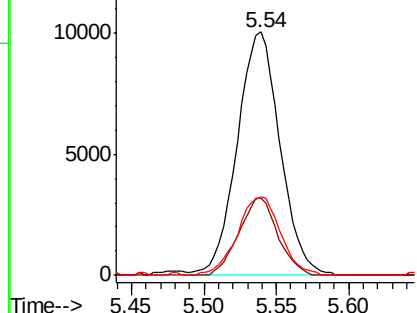
#29
 1,1-Dichloropropene
 Concen: 1.760 ug/l
 RT: 5.54 min Scan# 1306
 Delta R.T. 0.00 min
 Lab File: VU039732.D
 Acq: 31 Jul 2020 13:43

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion: 75 Resp: 20642
 Ion Ratio Lower Upper
 75 100
 110 29.0 14.6 44.0
 77 32.5 25.0 37.4

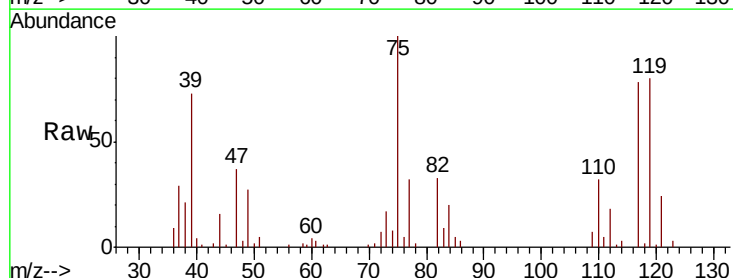


Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 110.00 (109.70 to 110.70): V
 Ion 77.00 (76.70 to 77.70): VU0

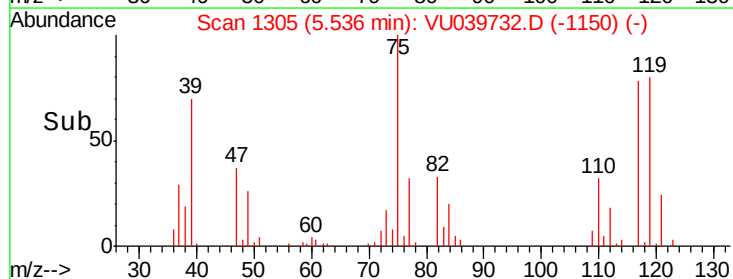
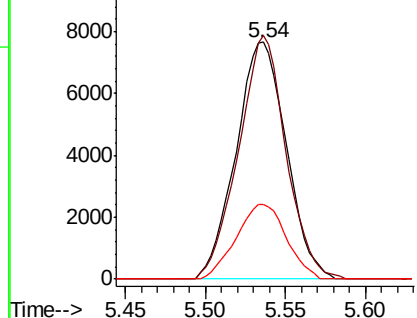


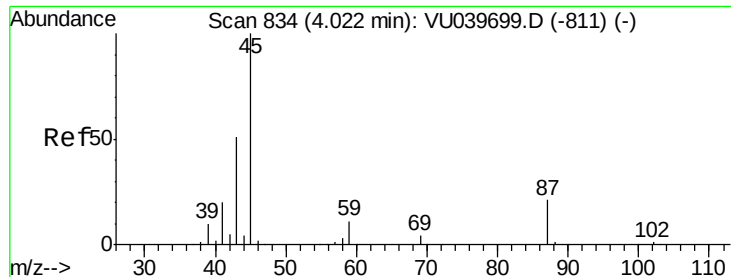
#30
 Carbon Tetrachloride
 Concen: 1.656 ug/l
 RT: 5.54 min Scan# 1305
 Delta R.T. -0.00 min
 Lab File: VU039732.D
 Acq: 31 Jul 2020 13:43

Tgt Ion: 117 Resp: 16499
 Ion Ratio Lower Upper
 117 100
 119 102.7 75.2 112.8
 121 31.4 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: 1.698 ug/l

RT: 4.02 min Scan# 833

Delta R.T. -0.00 min

Lab File: VU039732.D

Acq: 31 Jul 2020 13:43

Instrument :

MSVOA_U

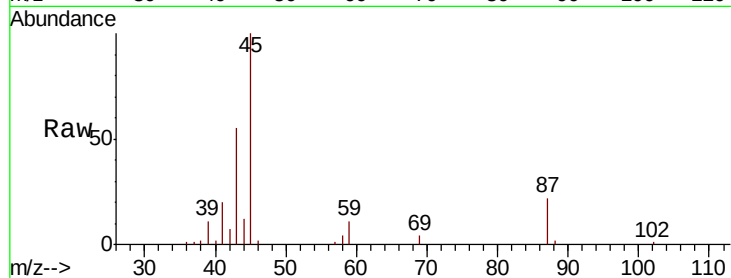
ClientSampleId :

Tot Ion: 45 Resp: 49815

Ion Ratio Lower Upper

45 100

43 55.3 26.5 79.4



Abundance Ion 45.00 (44.70 to 45.70): VU039699.D (-811) (-)

Ion 43.00 (42.70 to 43.70): VU039699.D (-811) (-)

20000

15000

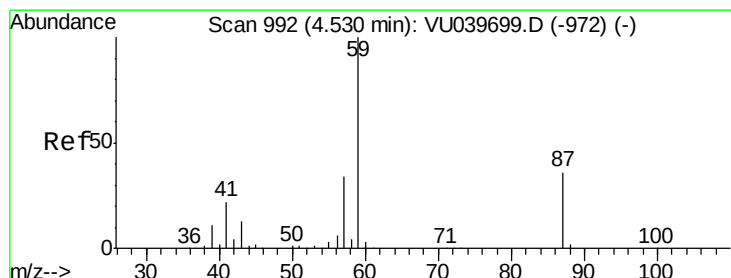
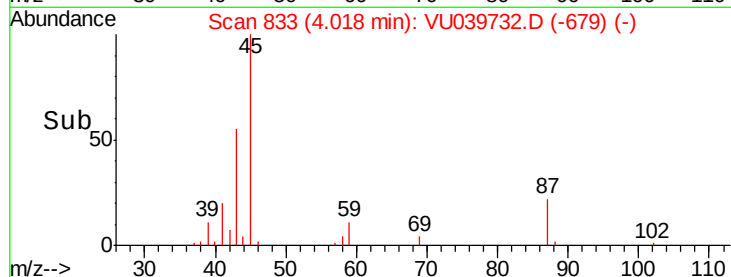
10000

5000

0

3.90 4.00 4.10

Time-->



#32

Ethyl-t-butyl ether

Concen: 1.717 ug/l

RT: 4.53 min Scan# 992

Delta R.T. -0.00 min

Lab File: VU039732.D

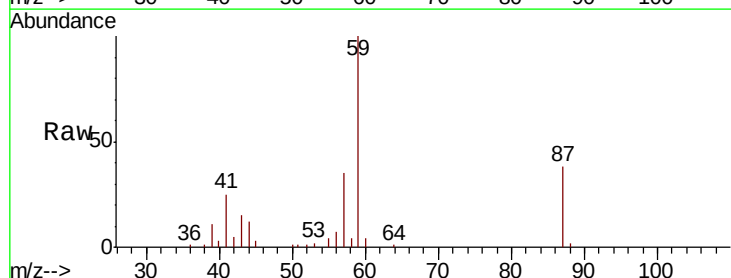
Acq: 31 Jul 2020 13:43

Tgt Ion: 59 Resp: 42863

Ion Ratio Lower Upper

59 100

87 37.7 29.4 44.0



Abundance Ion 59.00 (58.70 to 59.70): VU039699.D (-972) (-)

Ion 87.00 (86.70 to 87.70): VU039699.D (-972) (-)

20000

15000

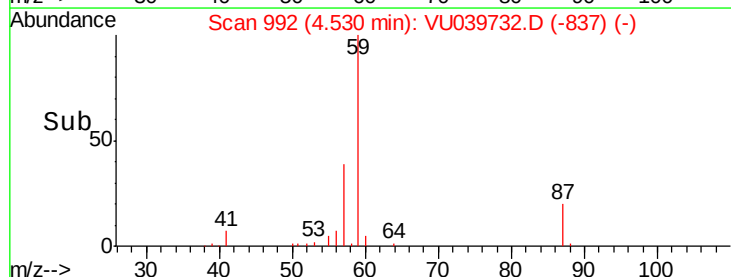
10000

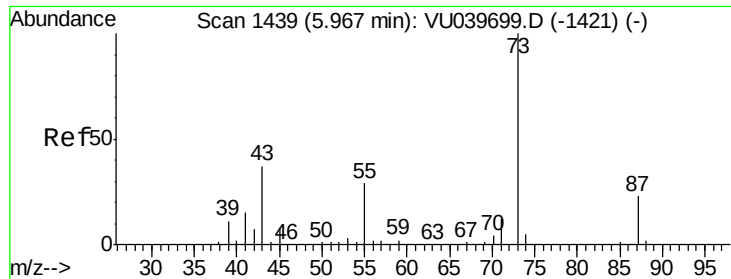
5000

0

4.45 4.50 4.55 4.60 4.65

Time-->

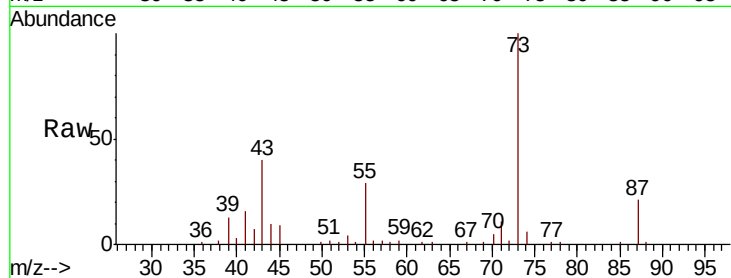




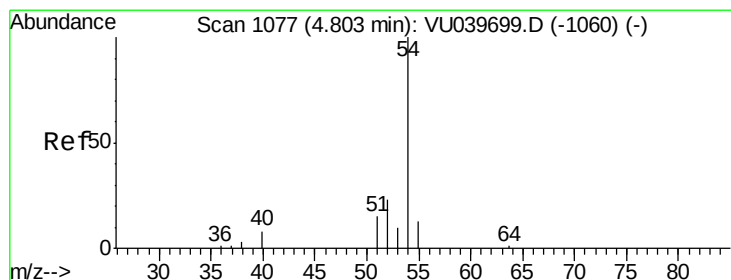
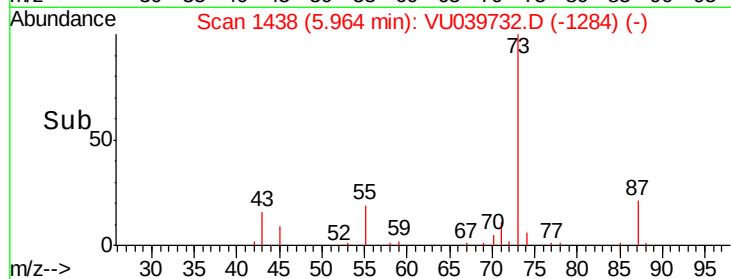
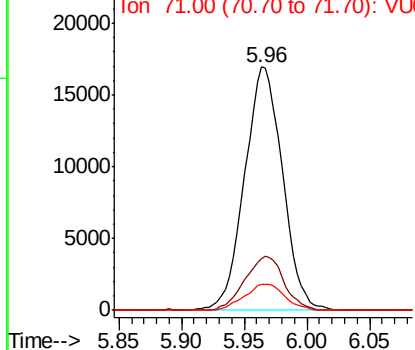
#33
Tert-Butyl methyl ether
Concen: 1.984 ug/l
RT: 5.96 min Scan# 1438
Delta R.T. -0.00 min
Lab File: VU039732.D
Acq: 31 Jul 2020 13:43

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 73 Resp: 35706
Ion Ratio Lower Upper
73 100
87 22.7 18.7 28.1
71 11.3 9.1 13.7

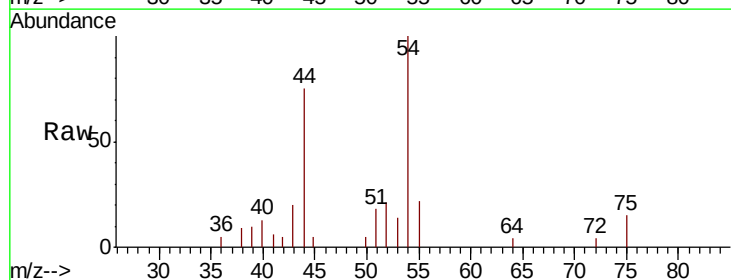


Abundance Ion 73.00 (72.70 to 73.70): VU0
Ion 87.00 (86.70 to 87.70): VU0
Ion 71.00 (70.70 to 71.70): VU0

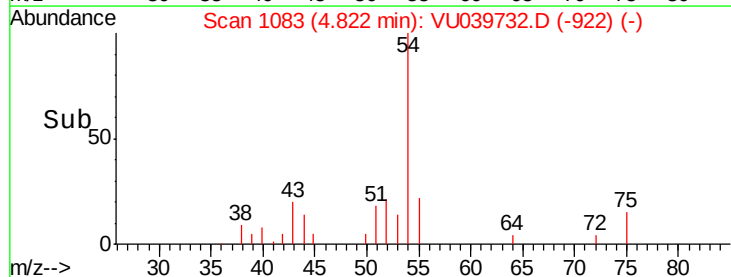
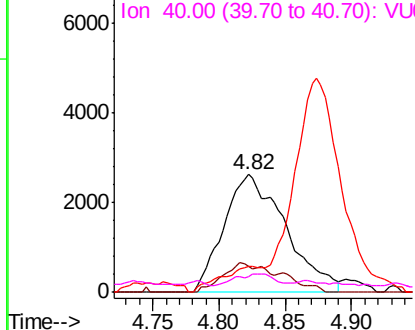


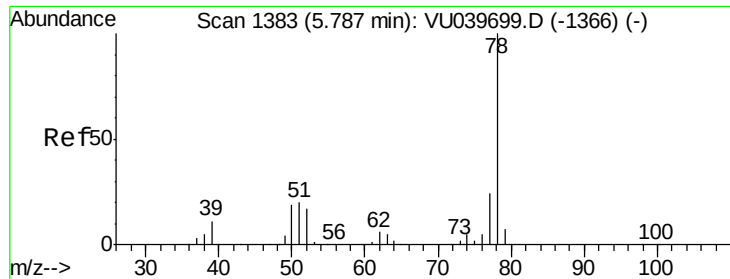
#34
Propionitrile
Concen: 9.595 ug/l
RT: 4.82 min Scan# 1083
Delta R.T. 0.02 min
Lab File: VU039732.D
Acq: 31 Jul 2020 13:43

Tgt Ion: 54 Resp: 8470
Ion Ratio Lower Upper
54 100
52 11.7 16.9 25.3#
55 14.1 12.9 19.3
40 5.8 6.2 9.2#



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





#35

Benzene

Concen: 1.929 ug/l

RT: 5.79 min Scan# 1383

Delta R.T. -0.00 min

Lab File: VU039732.D

Acq: 31 Jul 2020 13:43

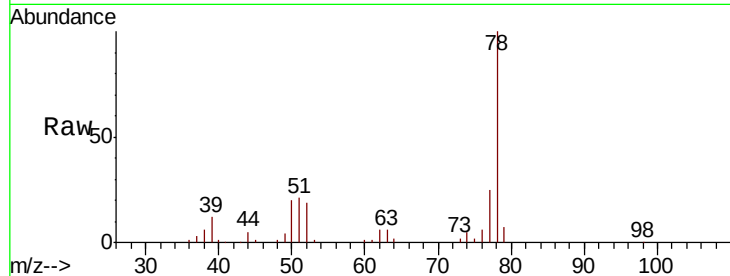
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 78 Resp: 55962

Ion Ratio Lower Upper

78 100

77 24.5 19.2 28.8



Abundance Ion 78.10 (77.80 to 78.80): VU039732.D (-1228) (-)

Ion 77.00 (76.70 to 77.70): VU039732.D (-1228) (-)

5.79

30000

25000

20000

15000

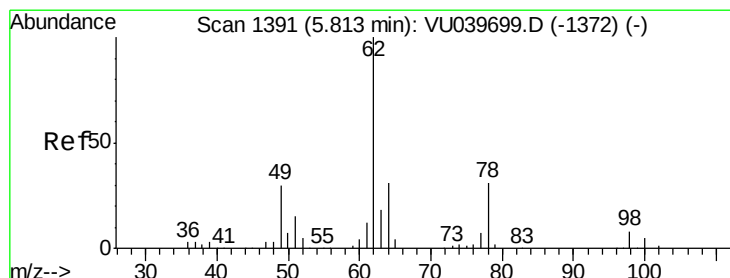
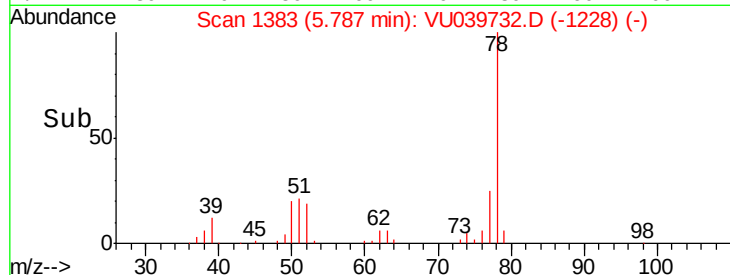
10000

5000

0

Time-->

5.70 5.75 5.80 5.85



#36

1,2-Dichloroethane

Concen: 1.965 ug/l

RT: 5.81 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VU039732.D

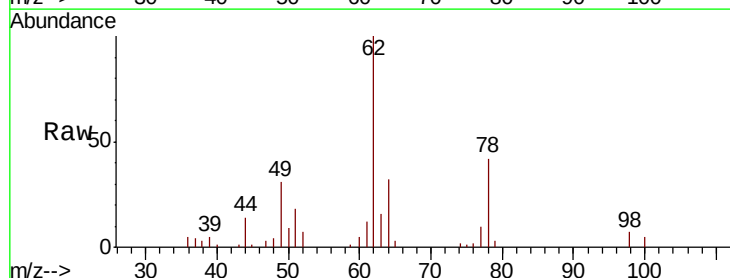
Acq: 31 Jul 2020 13:43

Tgt Ion: 62 Resp: 21377

Ion Ratio Lower Upper

62 100

98 8.1 6.2 9.2



Abundance Ion 62.00 (61.70 to 62.70): VU039732.D (-1236) (-)

Ion 98.00 (97.70 to 98.70): VU039732.D (-1236) (-)

5.81

12000

10000

8000

6000

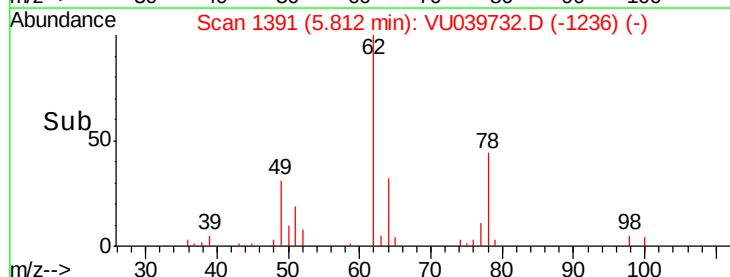
4000

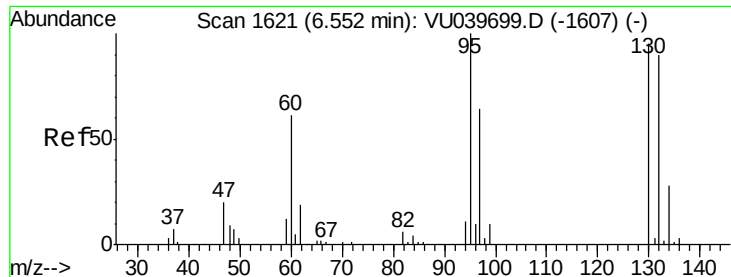
2000

0

Time-->

5.70 5.75 5.80 5.85 5.90

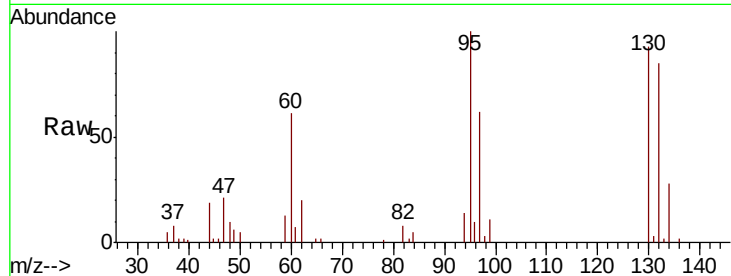




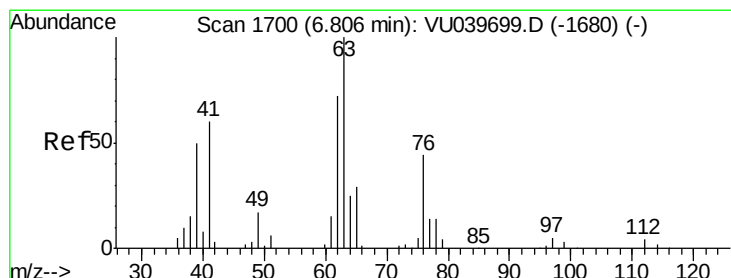
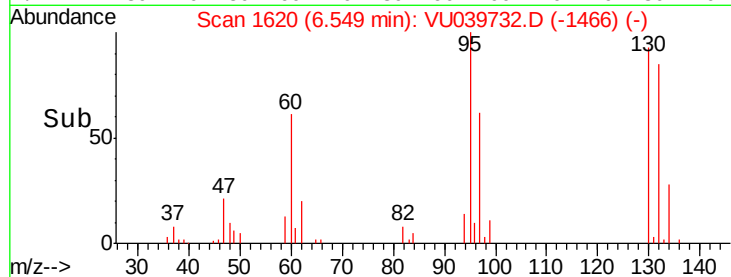
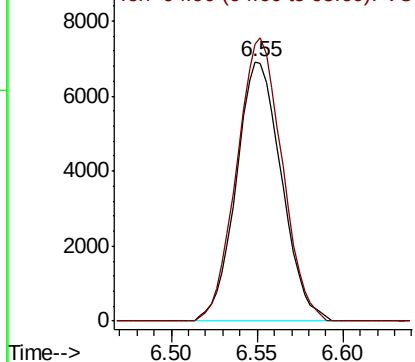
#37
 Trichloroethene
 Concen: 1.901 ug/l
 RT: 6.55 min Scan# 1620
 Delta R.T. -0.00 min
 Lab File: VU039732.D
 Acq: 31 Jul 2020 13:43

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:130 Resp: 12621
 Ion Ratio Lower Upper
 130 100
 95 107.0 84.3 126.5

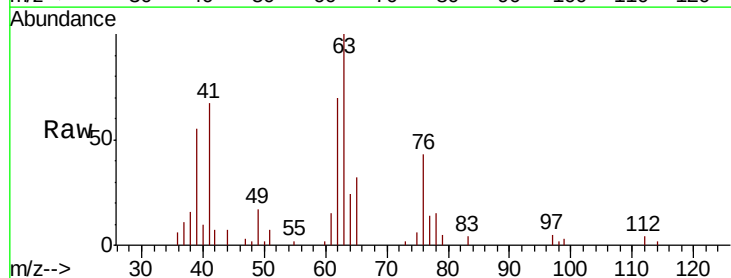


Abundance Ion 129.90 (129.60 to 130.60): VU039699.D (-1607) (-)
 Ion 94.90 (94.60 to 95.60): VU039699.D (-1607) (-)

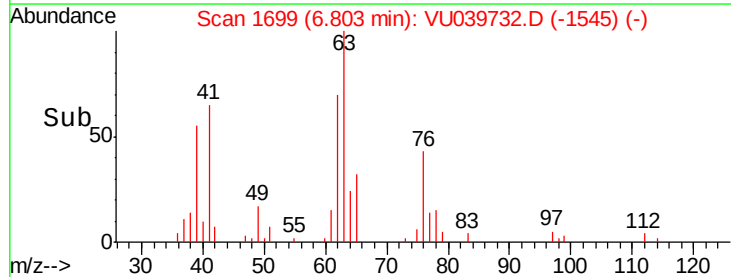
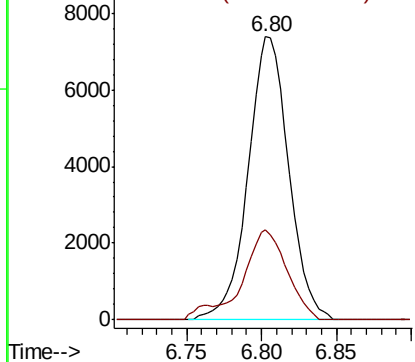


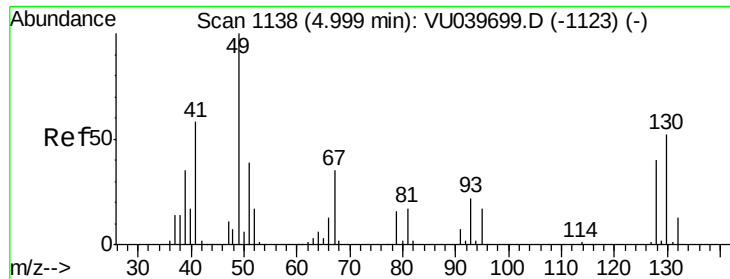
#38
 1,2-Dichloropropane
 Concen: 1.742 ug/l
 RT: 6.80 min Scan# 1699
 Delta R.T. -0.00 min
 Lab File: VU039732.D
 Acq: 31 Jul 2020 13:43

Tgt Ion: 63 Resp: 13935
 Ion Ratio Lower Upper
 63 100
 65 32.0 23.8 35.6



Abundance Ion 63.00 (62.70 to 63.70): VU039699.D (-1680) (-)
 Ion 65.00 (64.70 to 65.70): VU039699.D (-1680) (-)

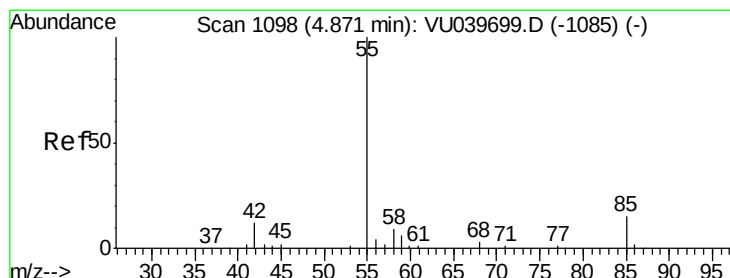
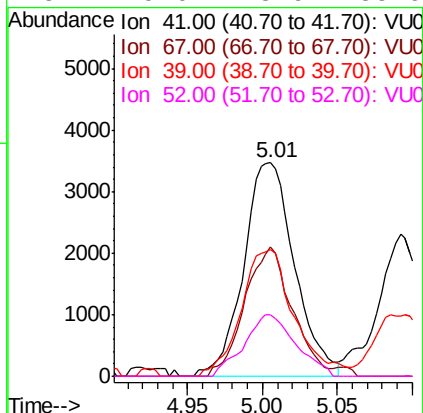
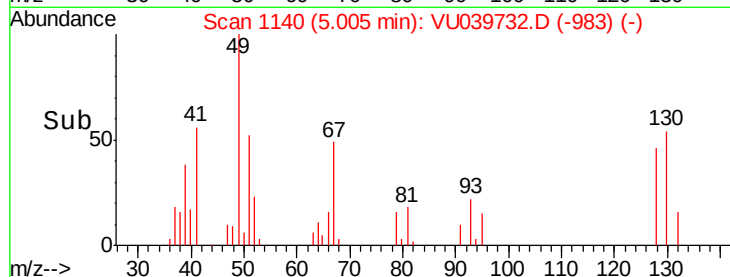
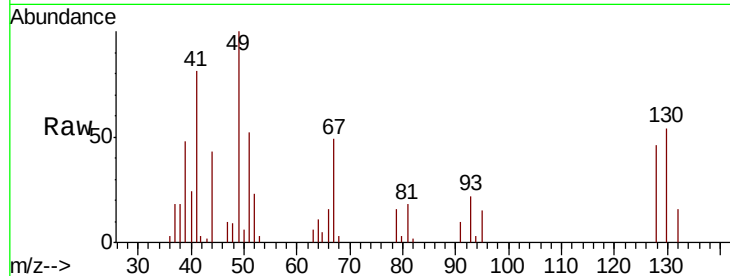




#39
Methacrylonitrile
Concen: 1.764 ug/l
RT: 5.01 min Scan# 1140
Delta R.T. 0.01 min
Lab File: VU039732.D
Acq: 31 Jul 2020 13:43

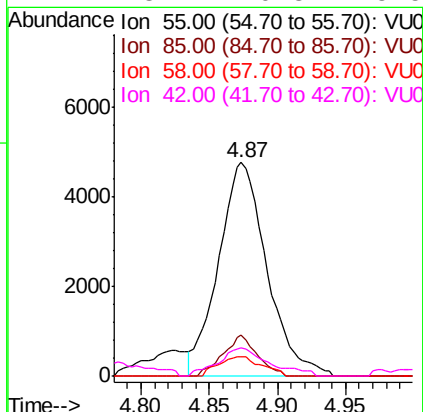
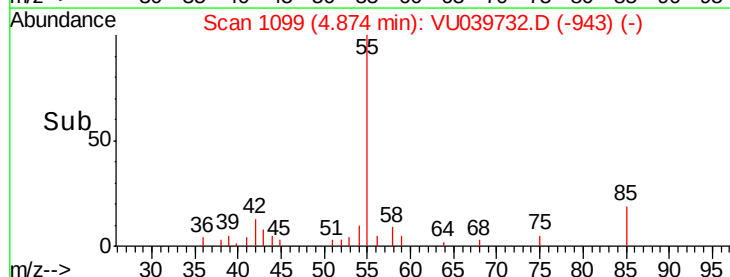
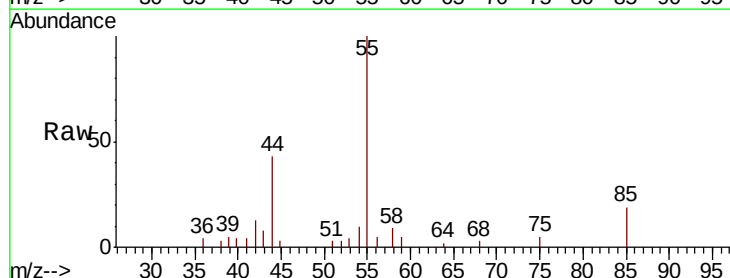
Instrument :
MSVOA_U
ClientSampled :

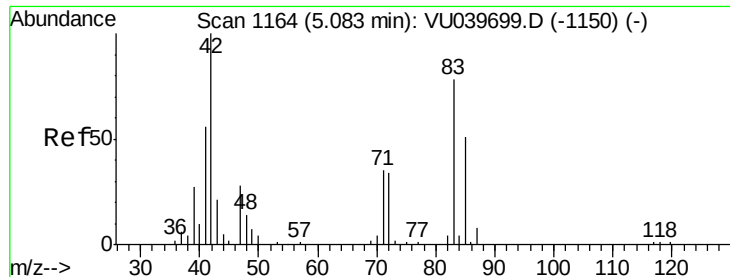
Tot Ion:	41	Resp:	8208
Ion	Ratio	Lower	Upper
41	100		
67	56.1	48.3	72.5
39	61.5	47.6	71.4
52	29.0	23.9	35.9



#40
Methyl acrylate
Concen: 1.948 ug/l
RT: 4.87 min Scan# 1099
Delta R.T. 0.00 min
Lab File: VU039732.D
Acq: 31 Jul 2020 13:43

Tgt Ion:	55	Resp:	11689
Ion	Ratio	Lower	Upper
55	100		
85	13.5	11.4	17.0
58	8.2	7.4	11.0
42	13.7	10.3	15.5





#41

Tetrahydrofuran

Concen: 3.726 ug/l

RT: 5.10 min Scan# 1168

Delta R.T. 0.01 min

Lab File: VU039732.D

Acq: 31 Jul 2020 13:43

Instrument :
MSVOA_U
ClientSampleId :

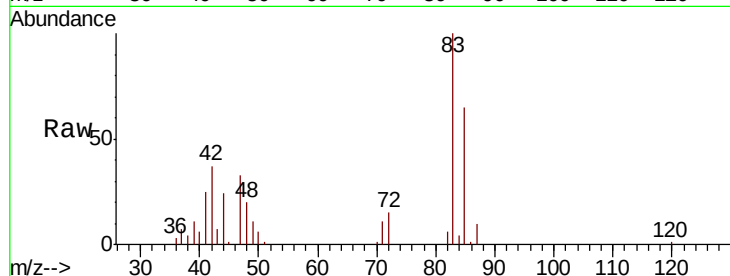
Tot Ion: 42 Resp: 8720

Ion Ratio Lower Upper

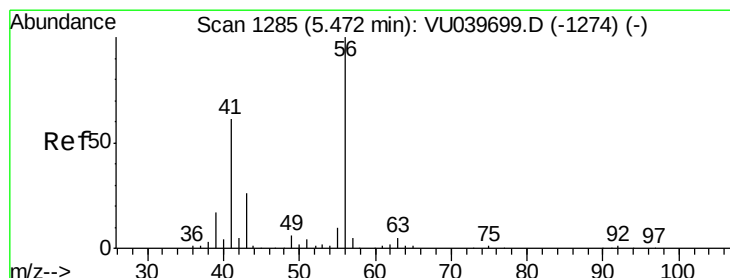
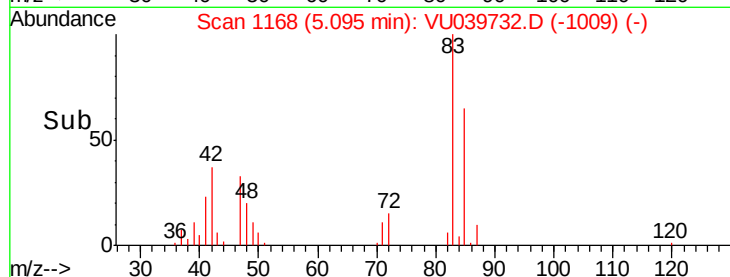
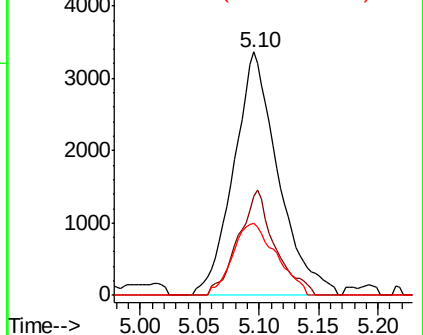
42 100

72 35.7 31.0 46.6

71 28.9 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: 1.721 ug/l

RT: 5.47 min Scan# 1285

Delta R.T. -0.00 min

Lab File: VU039732.D

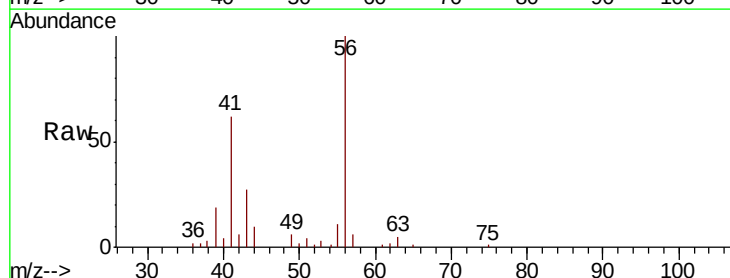
Acq: 31 Jul 2020 13:43

Tgt Ion: 56 Resp: 31689

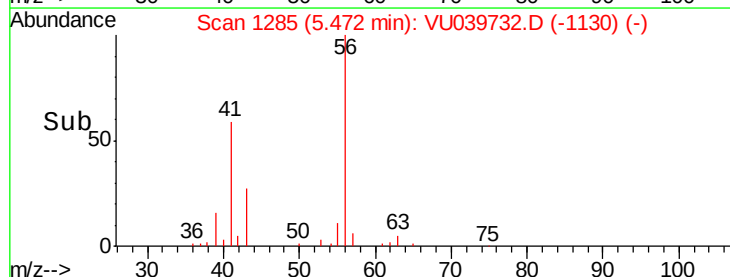
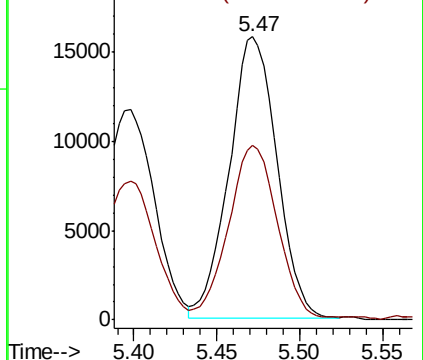
Ion Ratio Lower Upper

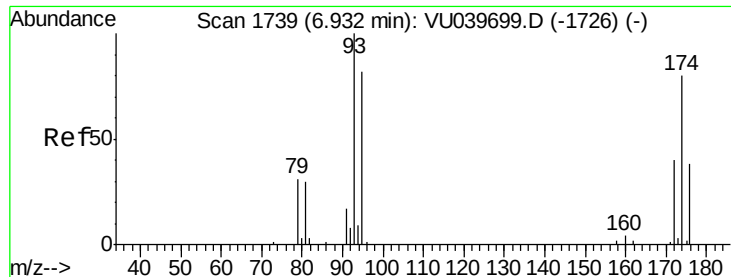
56 100

41 61.8 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: 1.831 ug/l

RT: 6.93 min Scan# 1739

Delta R.T. -0.00 min

Lab File: VU039732.D

Acq: 31 Jul 2020 13:43

Instrument :

MSVOA_U

ClientSampled :

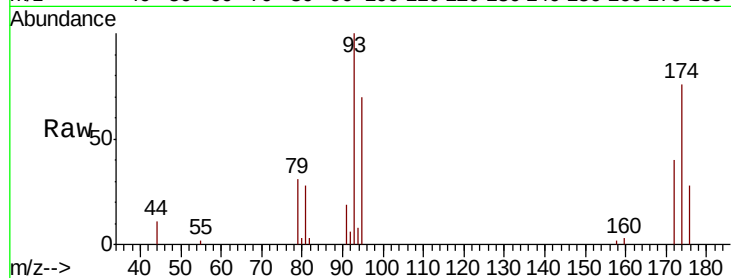
Tot Ion: 93 Resp: 7880

Ion Ratio Lower Upper

93 100

95 75.5 66.6 99.8

174 73.6 62.7 94.1



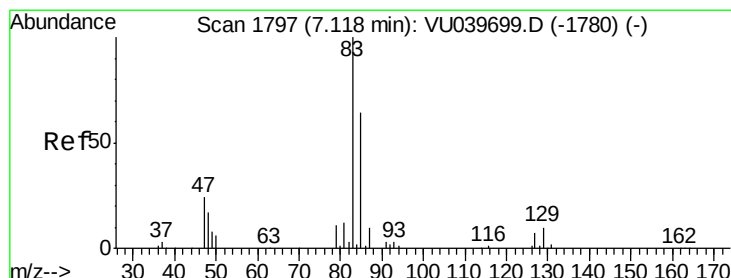
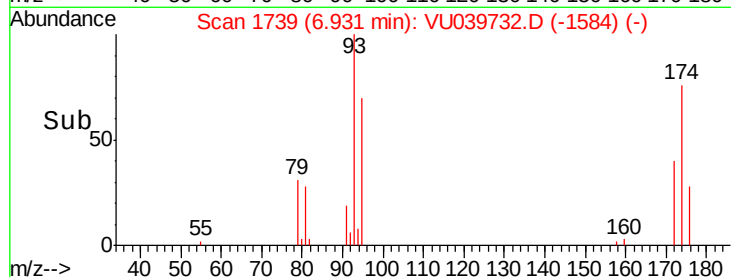
Abundance Ion 93.00 (92.70 to 93.70): VU039699.D (-1726) (-)

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

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

6.93

Time-->



#44

Bromodichloromethane

Concen: 1.690 ug/l

RT: 7.12 min Scan# 1797

Delta R.T. -0.00 min

Lab File: VU039732.D

Acq: 31 Jul 2020 13:43

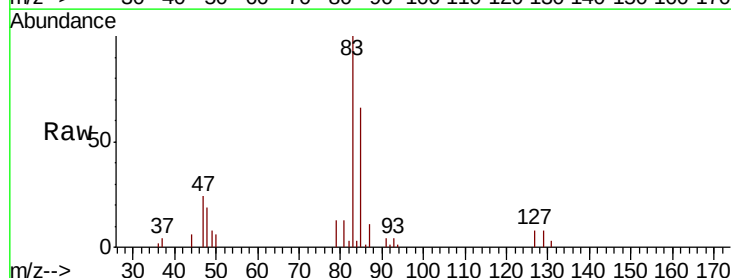
Tgt Ion: 83 Resp: 16680

Ion Ratio Lower Upper

83 100

85 65.6 50.8 76.2

127 7.8 5.8 8.6



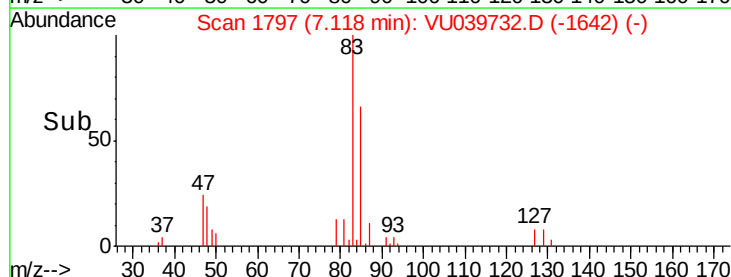
Abundance Ion 83.00 (82.70 to 83.70): VU039699.D (-1780) (-)

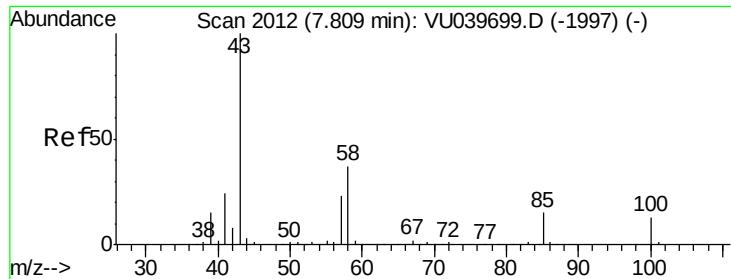
Ion 85.00 (84.70 to 85.70): VU039699.D (-1780) (-)

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

7.12

Time-->

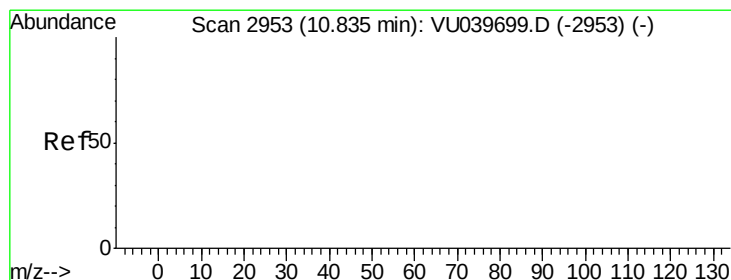
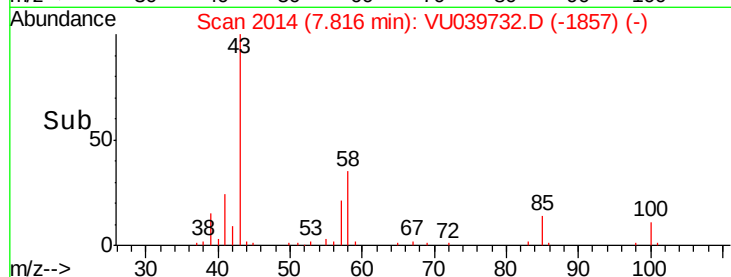
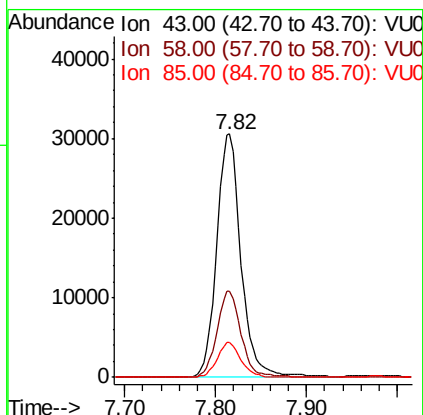
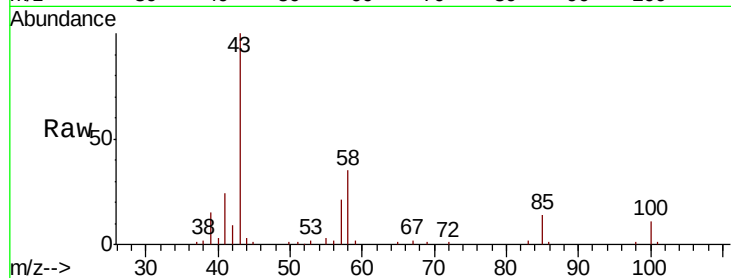




#45
4-Methyl-2-Pentanone
Concen: 8.697 ug/l
RT: 7.82 min Scan# 2014
Delta R.T. 0.01 min
Lab File: VU039732.D
Acq: 31 Jul 2020 13:43

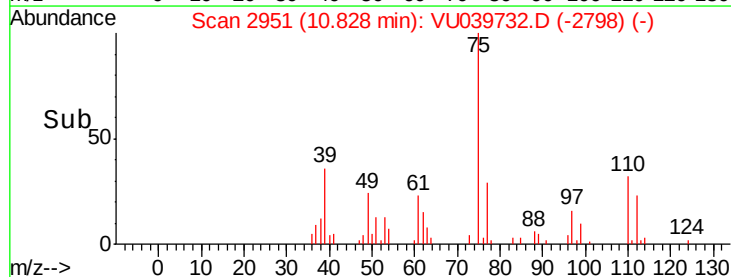
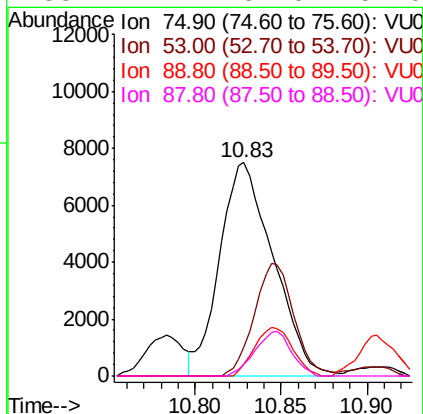
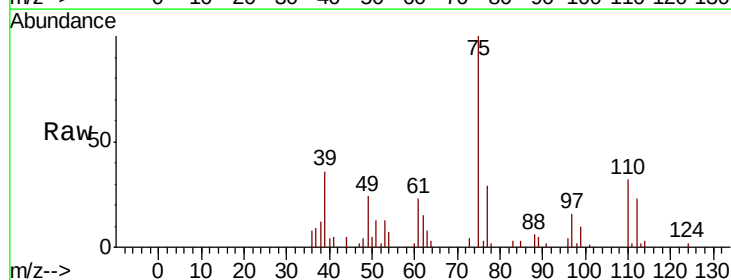
Instrument :
MSVOA_U
ClientSampleId :

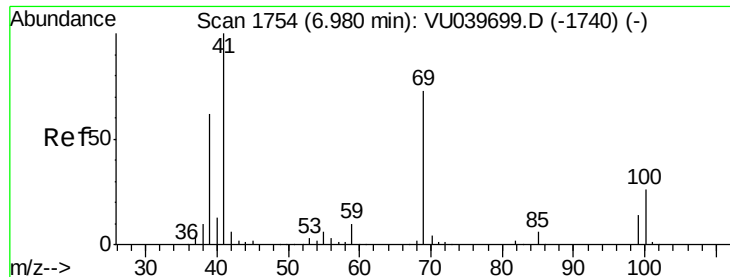
Tot Ion: 43 Resp: 56694
Ion Ratio Lower Upper
43 100
58 35.0 18.4 55.0
85 13.8 11.8 17.6



#46
t-1,4-Dichloro-2-butene
Concen: 8.380 ug/l
RT: 10.83 min Scan# 2951
Delta R.T. -0.01 min
Lab File: VU039732.D
Acq: 31 Jul 2020 13:43

Tgt Ion: 75 Resp: 16248
Ion Ratio Lower Upper
75 100
53 38.9 78.6 118.0#
89 16.2 40.3 60.5#
88 14.2 34.0 51.0#

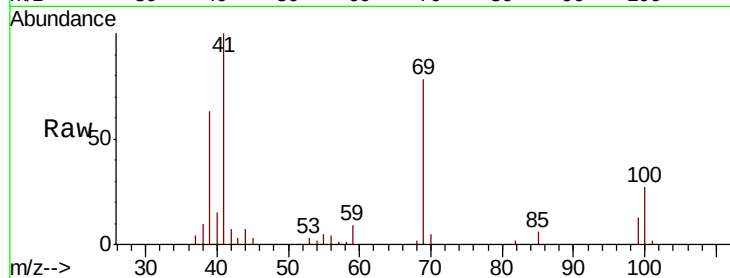




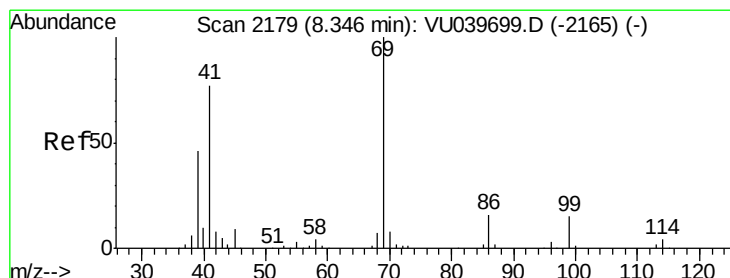
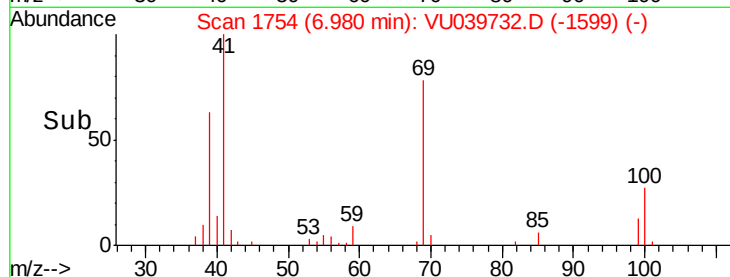
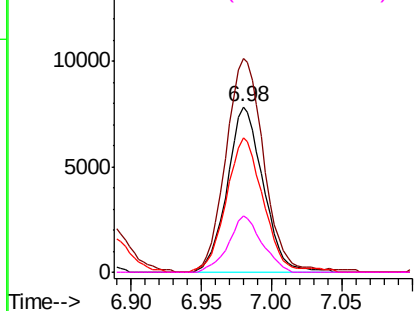
#47
Methyl methacrylate
Concen: 3.480 ug/l
RT: 6.98 min Scan# 1754
Delta R.T. -0.00 min
Lab File: VU039732.D
Acq: 31 Jul 2020 13:43

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 69 Resp: 13968
Ion Ratio Lower Upper
69 100
41 136.0 0.0 271.6
39 83.3 67.4 101.2
100 31.7 28.3 42.5

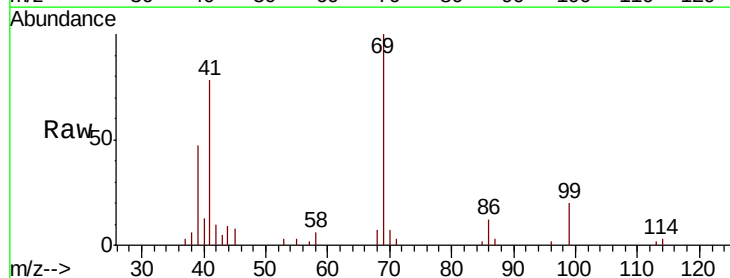


Abundance Ion 69.00 (68.70 to 69.70): VU0
Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 100.00 (99.70 to 100.70): VU0

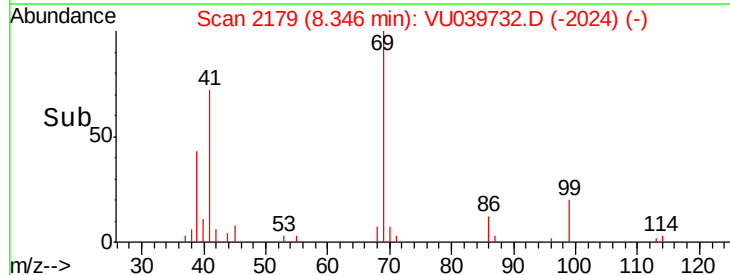
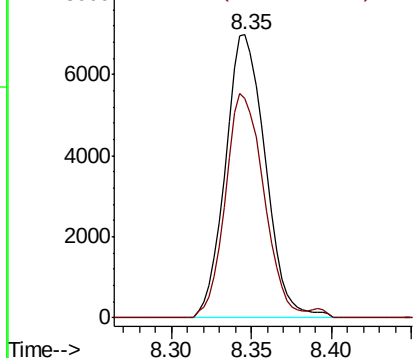


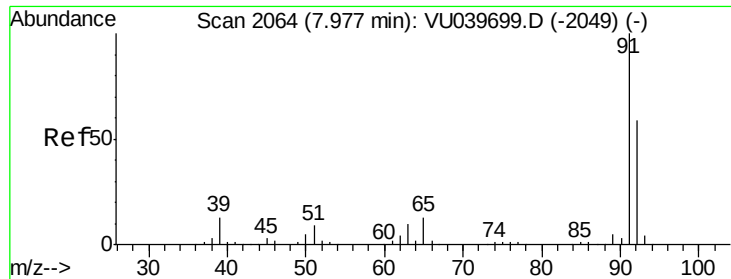
#48
Ethyl methacrylate
Concen: 1.611 ug/l
RT: 8.35 min Scan# 2179
Delta R.T. -0.00 min
Lab File: VU039732.D
Acq: 31 Jul 2020 13:43

Tgt Ion: 69 Resp: 11904
Ion Ratio Lower Upper
69 100
41 76.3 39.1 117.5



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





#49

Toluene

Concen: 1.613 ug/l

RT: 7.98 min Scan# 2064

Delta R.T. -0.00 min

Lab File: VU039732.D

Acq: 31 Jul 2020 13:43

Instrument :

MSVOA_U

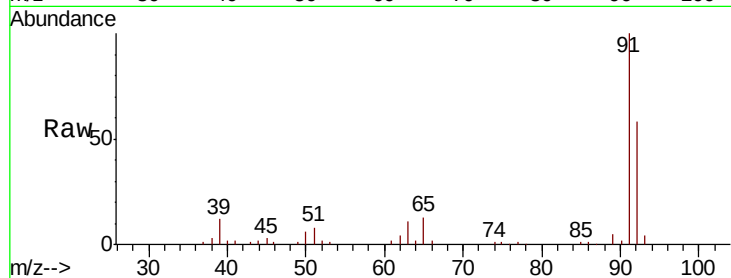
ClientSampleId :

Tot Ion: 92 Resp: 27858

Ion Ratio Lower Upper

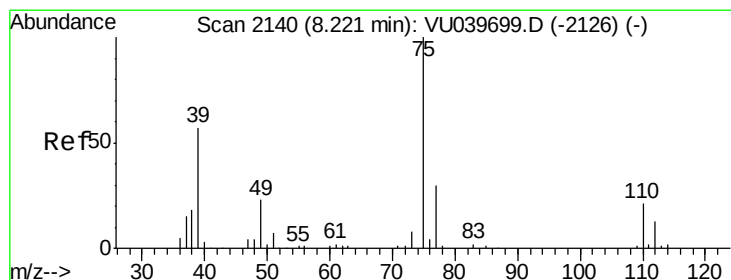
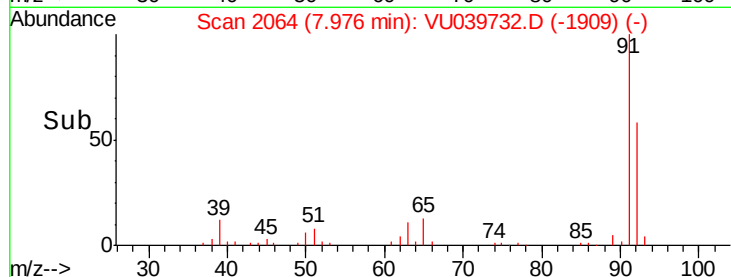
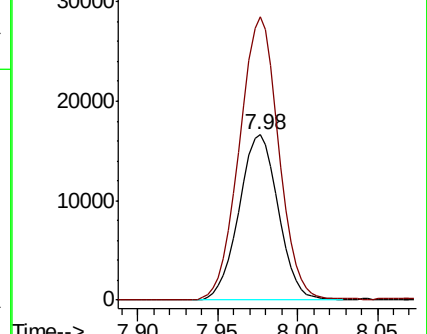
92 100

91 170.9 136.1 204.1



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: 1.549 ug/l

RT: 8.22 min Scan# 2139

Delta R.T. -0.00 min

Lab File: VU039732.D

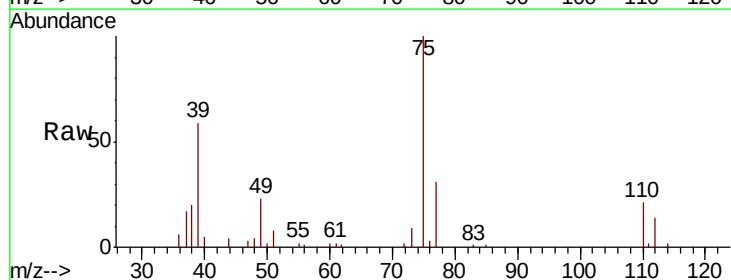
Acq: 31 Jul 2020 13:43

Tgt Ion: 75 Resp: 13768

Ion Ratio Lower Upper

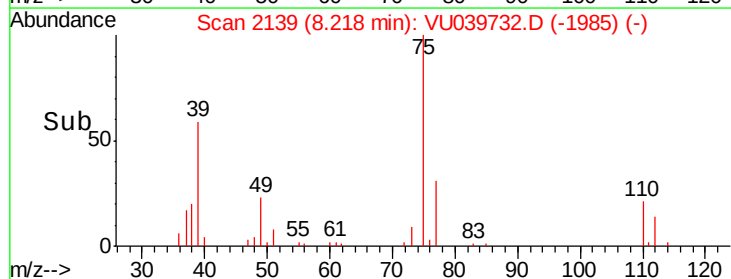
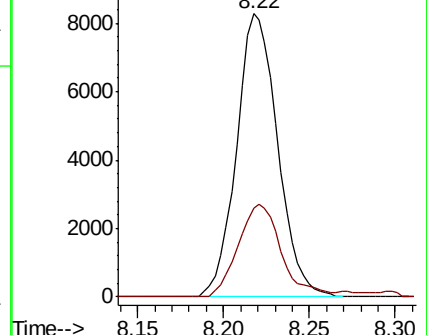
75 100

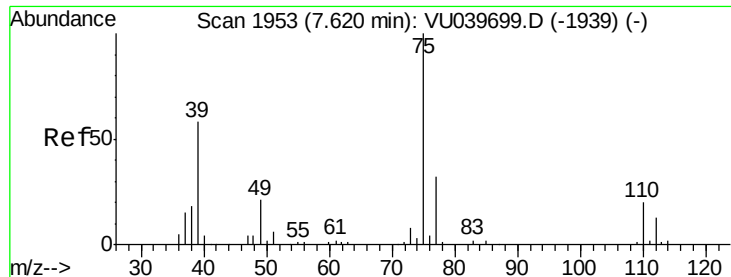
77 31.2 24.3 36.5



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

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



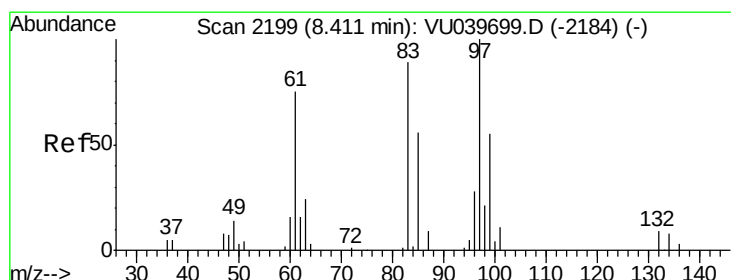
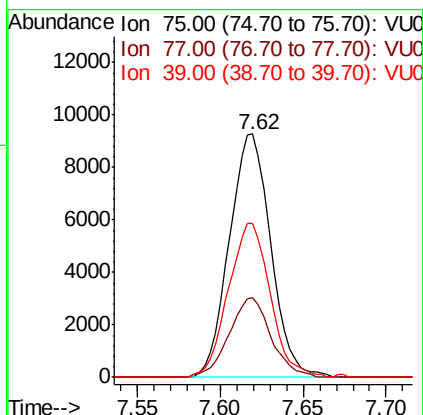
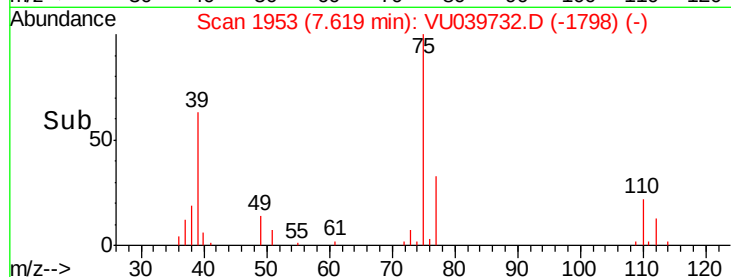
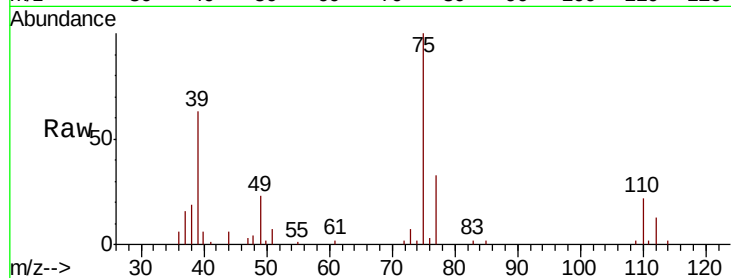


#51

cis-1,3-Dichloropropene
Concen: 1.543 ug/l
RT: 7.62 min Scan# 1953
Delta R.T. -0.00 min
Lab File: VU039732.D
Acq: 31 Jul 2020 13:43

Instrument :
MSVOA_U
ClientSampleId :

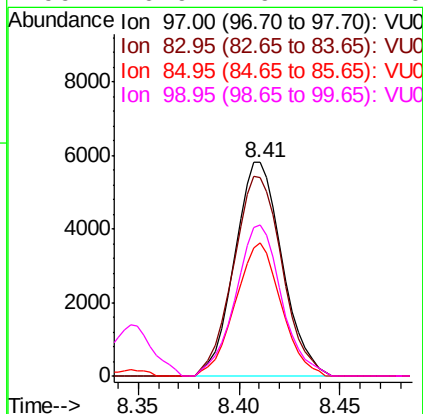
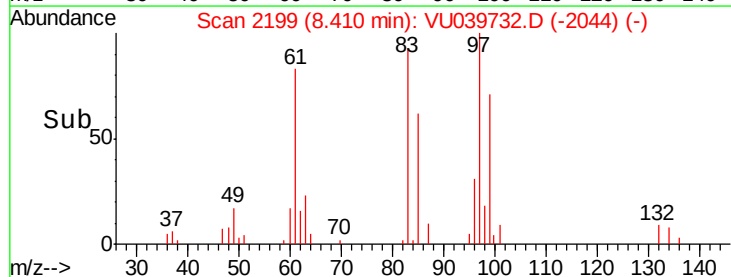
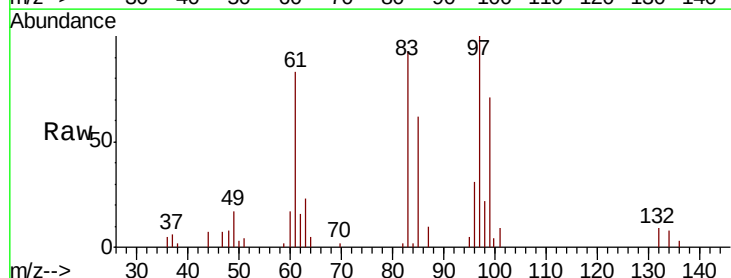
Tot Ion: 75 Resp: 16122
Ion Ratio Lower Upper
75 100
77 32.8 25.7 38.5
39 63.5 46.1 69.1

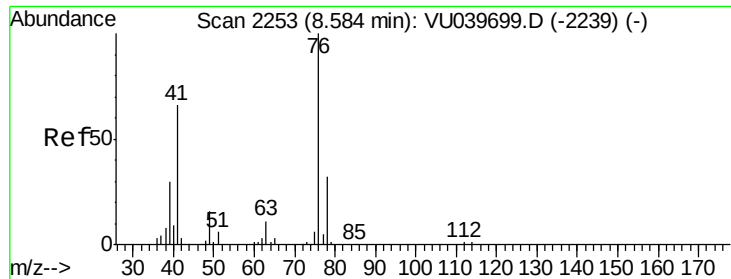


#52

1,1,2-Trichloroethane
Concen: 1.714 ug/l
RT: 8.41 min Scan# 2199
Delta R.T. -0.00 min
Lab File: VU039732.D
Acq: 31 Jul 2020 13:43

Tgt Ion: 97 Resp: 9584
Ion Ratio Lower Upper
97 100
83 92.6 71.3 106.9
85 62.4 45.4 68.2
99 70.9 49.4 74.0

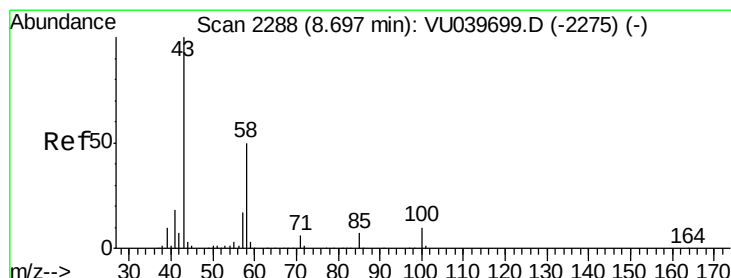
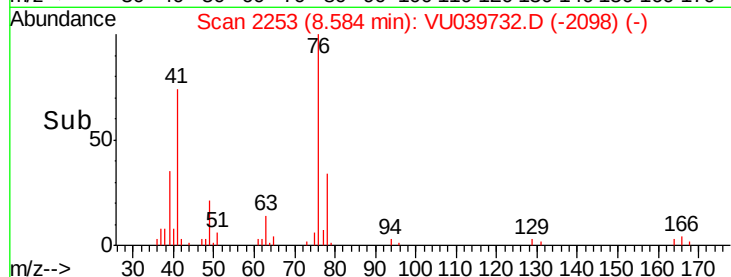
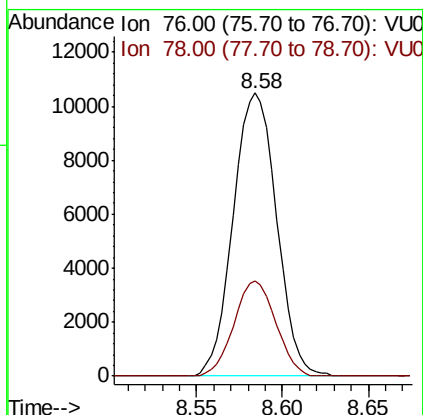
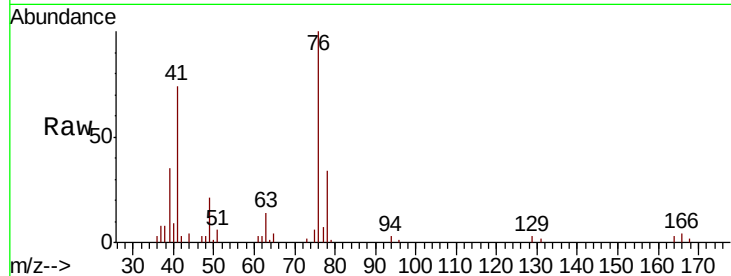




#53
 1,3-Dichloropropane
 Concen: 1.713 ug/l
 RT: 8.58 min Scan# 2253
 Delta R.T. -0.00 min
 Lab File: VU039732.D
 Acq: 31 Jul 2020 13:43

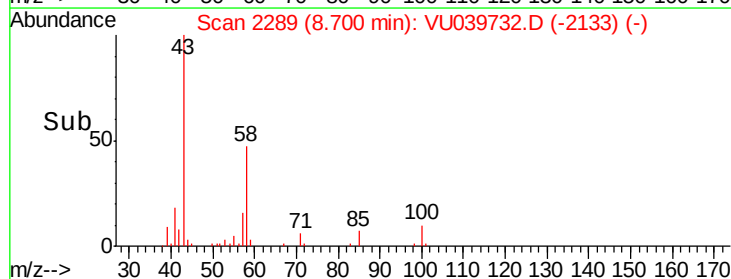
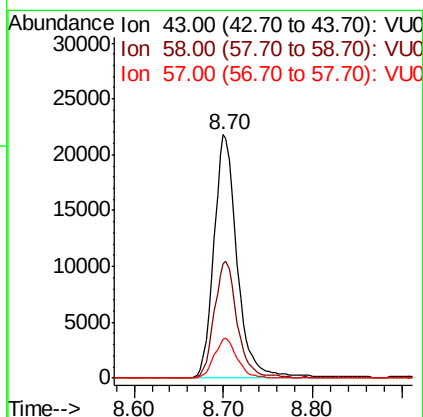
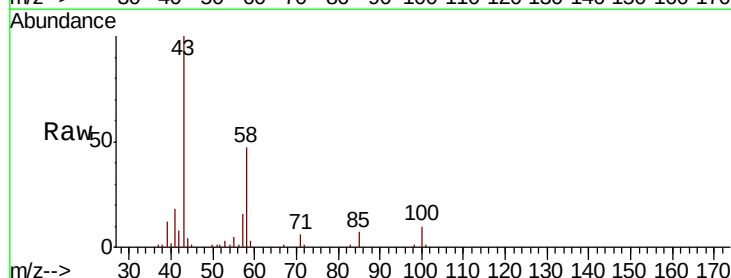
Instrument :
 MSVOA_U
 ClientSampleId :

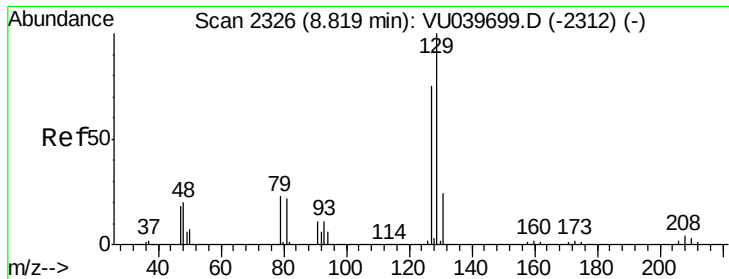
Tot Ion: 76 Resp: 18393
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.4 38.2



#54
 2-Hexanone
 Concen: 8.460 ug/l
 RT: 8.70 min Scan# 2289
 Delta R.T. 0.00 min
 Lab File: VU039732.D
 Acq: 31 Jul 2020 13:43

Tgt Ion: 43 Resp: 39488
 Ion Ratio Lower Upper
 43 100
 58 47.2 29.9 69.9
 57 15.8 0.0 37.2

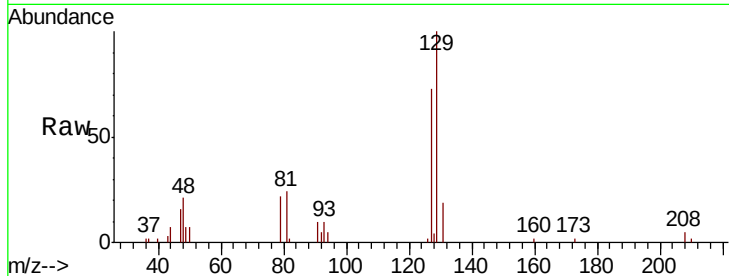




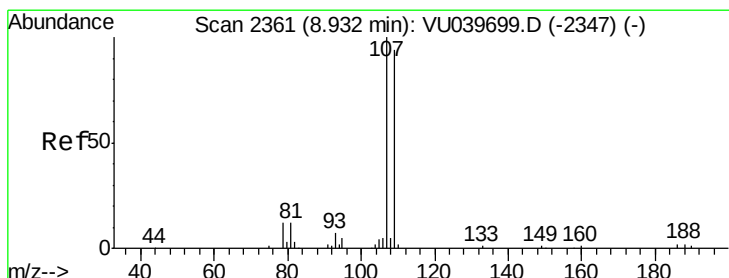
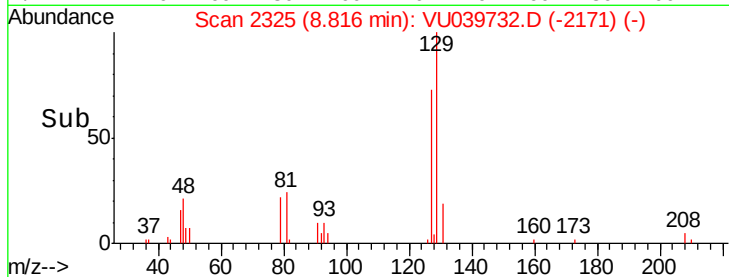
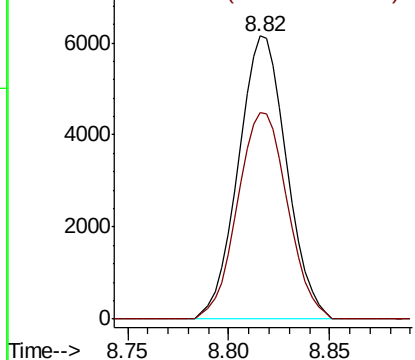
#55
 Dibromochloromethane
 Concen: 1.715 ug/l
 RT: 8.82 min Scan# 2325
 Delta R.T. -0.00 min
 Lab File: VU039732.D
 Acq: 31 Jul 2020 13:43

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:129 Resp: 10299
 Ion Ratio Lower Upper
 129 100
 127 75.7 62.4 93.6

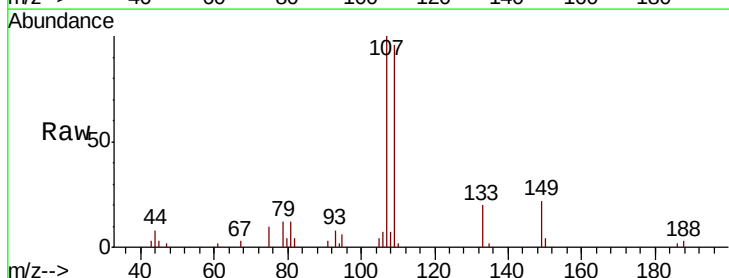


Abundance Ion 129.00 (128.70 to 129.70): V
 Ion 127.00 (126.70 to 127.70): V

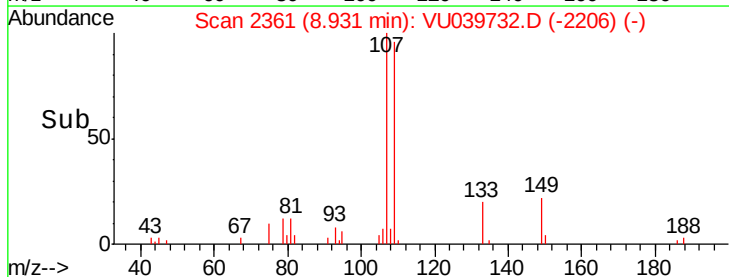
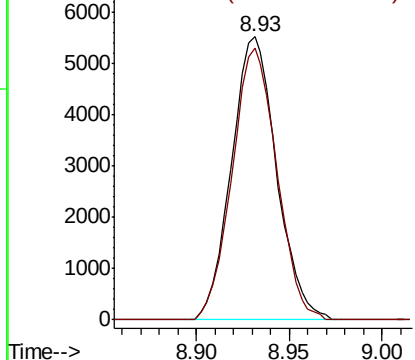


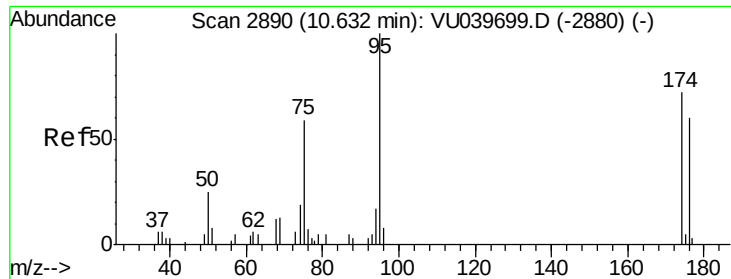
#56
 1,2-Dibromoethane
 Concen: 1.735 ug/l
 RT: 8.93 min Scan# 2361
 Delta R.T. -0.00 min
 Lab File: VU039732.D
 Acq: 31 Jul 2020 13:43

Tgt Ion:107 Resp: 9346
 Ion Ratio Lower Upper
 107 100
 109 94.7 0.0 185.2



Abundance Ion 107.00 (106.70 to 107.70): V
 Ion 109.00 (108.70 to 109.70): V

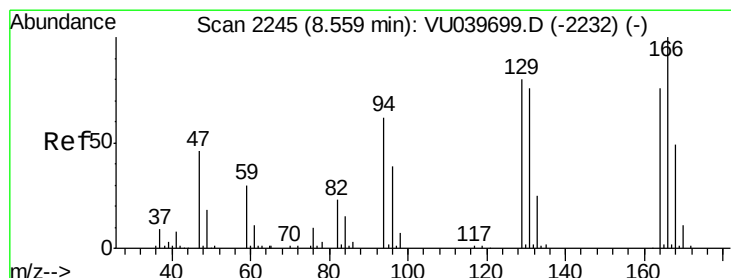
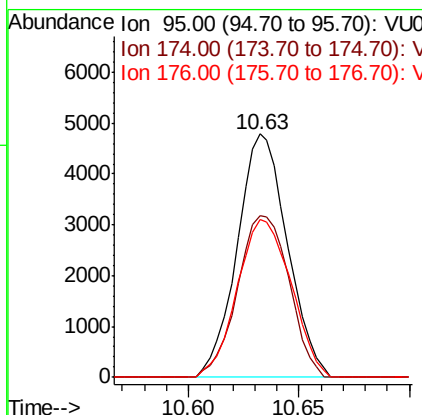
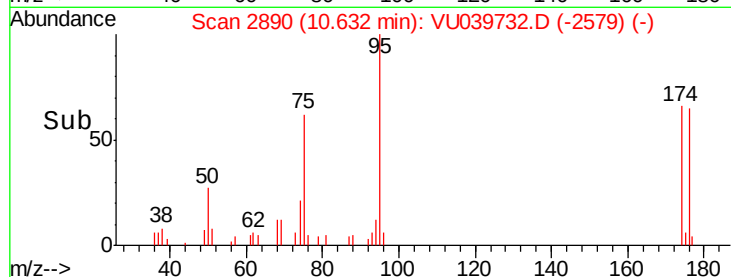
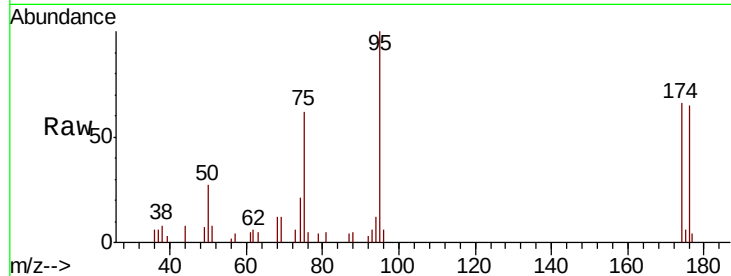




#57
 4-Bromofluorobenzene
 Concen: 0.832 ug/l
 RT: 10.63 min Scan# 2890
 Delta R.T. -0.00 min
 Lab File: VU039732.D
 Acq: 31 Jul 2020 13:43

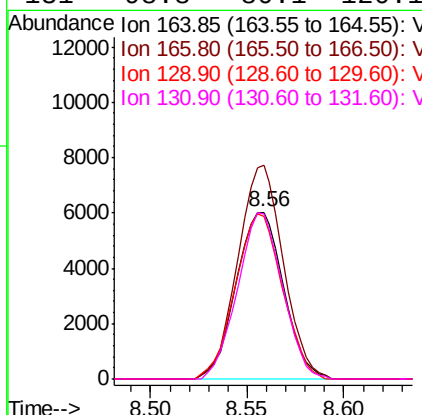
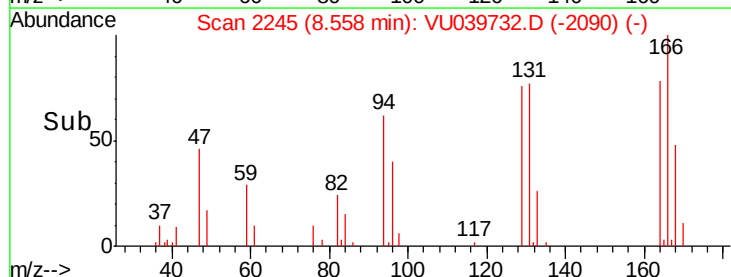
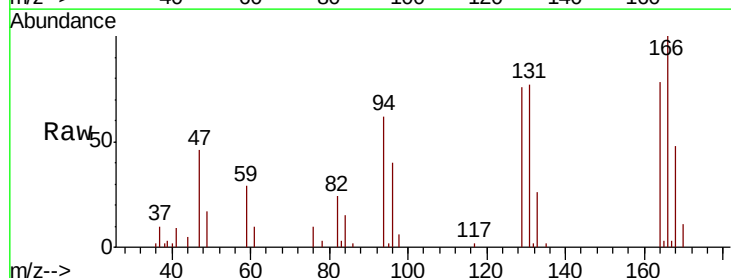
Instrument :
 MSVOA_U
 ClientSampleId :

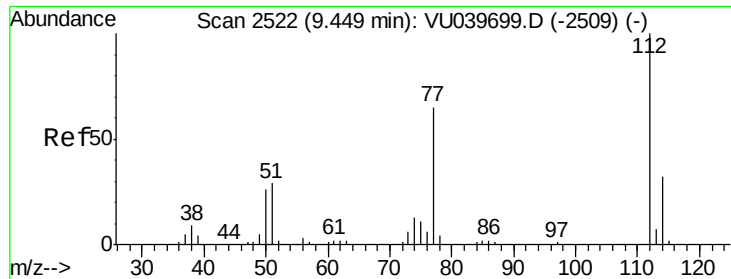
Tot Ion: 95 Resp: 7544
 Ion Ratio Lower Upper
 95 100
 174 68.3 57.0 85.4
 176 69.3 50.2 75.2



#58
 Tetrachloroethene
 Concen: 1.767 ug/l
 RT: 8.56 min Scan# 2245
 Delta R.T. -0.00 min
 Lab File: VU039732.D
 Acq: 31 Jul 2020 13:43

Tgt Ion: 164 Resp: 10267
 Ion Ratio Lower Upper
 164 100
 166 127.9 104.8 157.2
 129 97.7 84.1 126.1
 131 98.8 80.1 120.1





#59

Chlorobenzene

Concen: 1.647 ug/l

RT: 9.45 min Scan# 2522

Delta R.T. -0.00 min

Lab File: VU039732.D

Acq: 31 Jul 2020 13:43

Instrument :

MSVOA_U

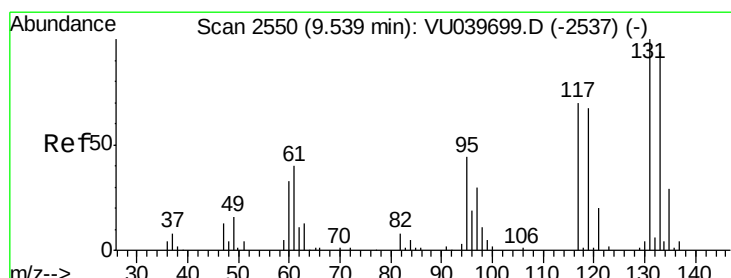
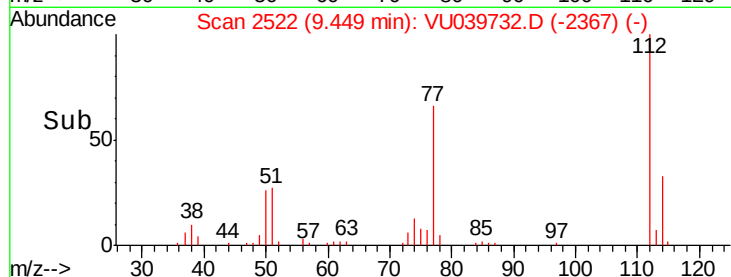
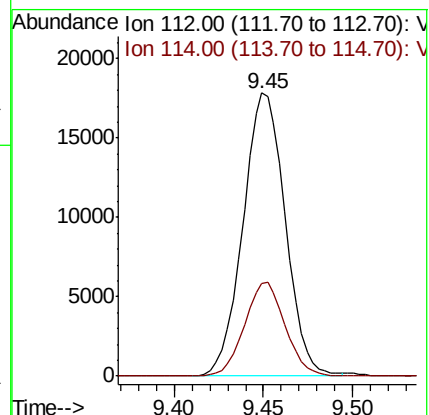
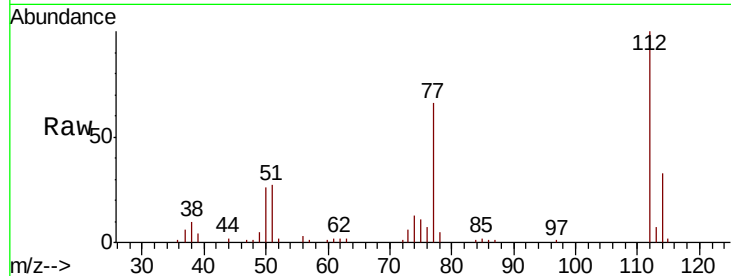
ClientSampleId :

Tot Ion:112 Resp: 29408

Ion Ratio Lower Upper

112 100

114 32.9 25.8 38.6



#60

1,1,1,2-Tetrachloroethane

Concen: 1.658 ug/l

RT: 9.54 min Scan# 2549

Delta R.T. -0.00 min

Lab File: VU039732.D

Acq: 31 Jul 2020 13:43

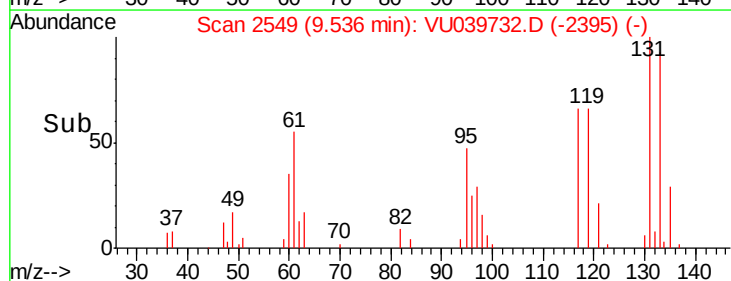
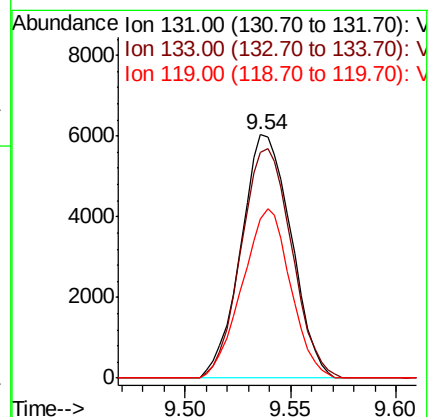
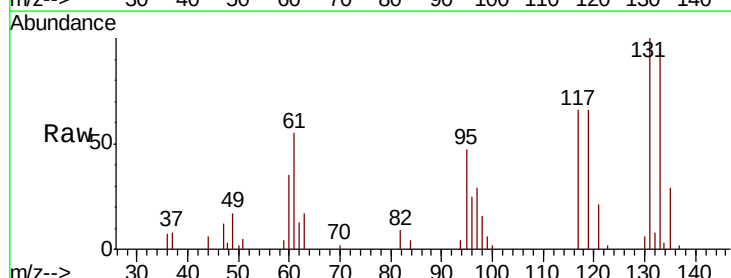
Tgt Ion:131 Resp: 9983

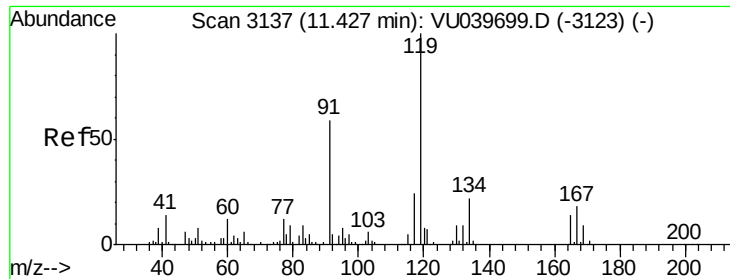
Ion Ratio Lower Upper

131 100

133 95.1 75.8 113.8

119 66.9 54.6 81.8

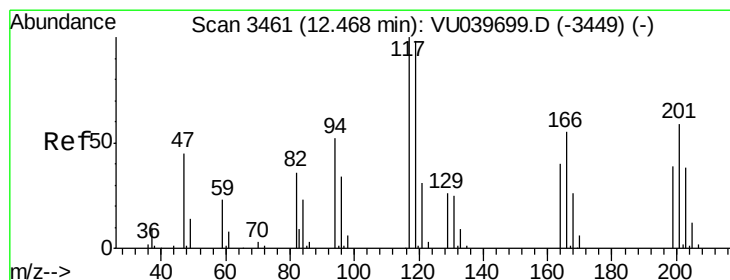
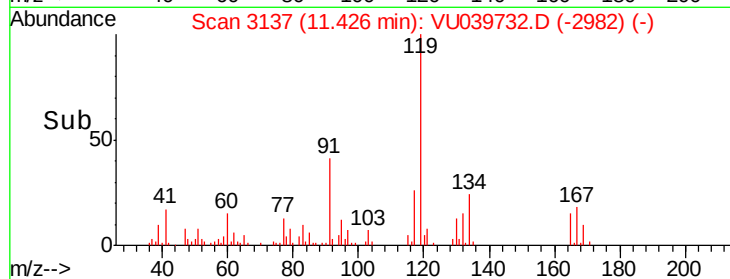
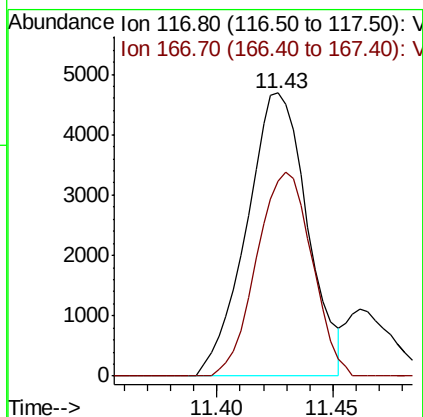
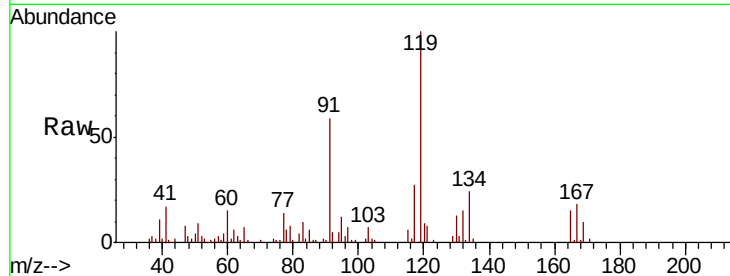




#61
 Pentachloroethane
 Concen: 1.618 ug/l
 RT: 11.43 min Scan# 3137
 Delta R.T. -0.00 min
 Lab File: VU039732.D
 Acq: 31 Jul 2020 13:43

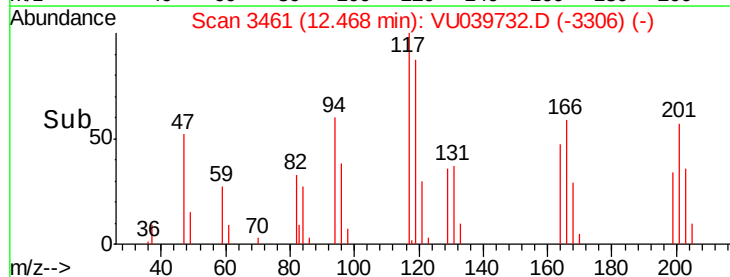
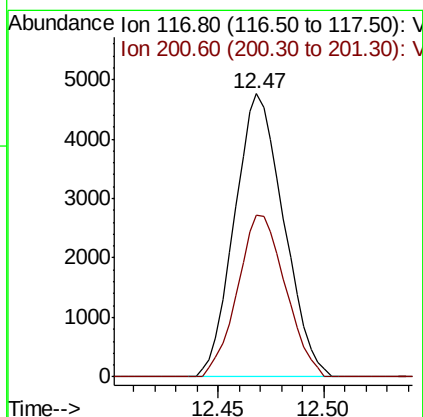
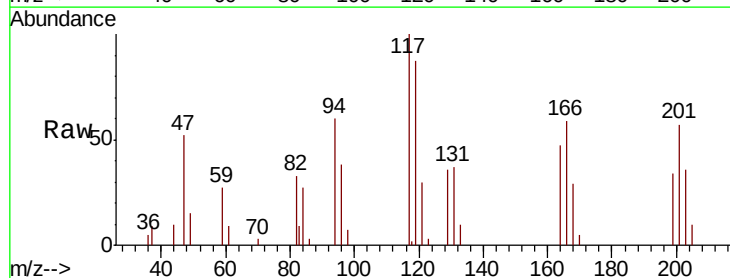
Instrument :
 MSVOA_U
 ClientSampled :

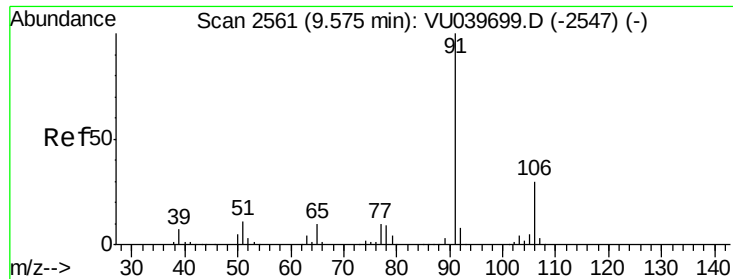
Tot Ion:117 Resp: 8562
 Ion Ratio Lower Upper
 117 100
 167 65.5 56.6 85.0



#62
 Hexachloroethane
 Concen: 1.588 ug/l
 RT: 12.47 min Scan# 3461
 Delta R.T. -0.00 min
 Lab File: VU039732.D
 Acq: 31 Jul 2020 13:43

Tgt Ion:117 Resp: 7699
 Ion Ratio Lower Upper
 117 100
 201 55.7 48.1 72.1

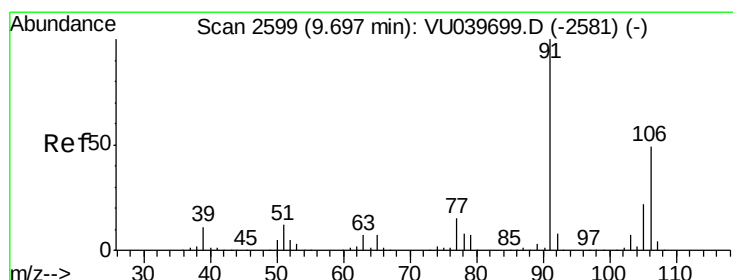
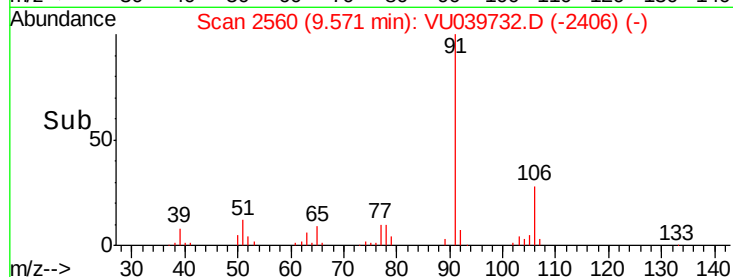
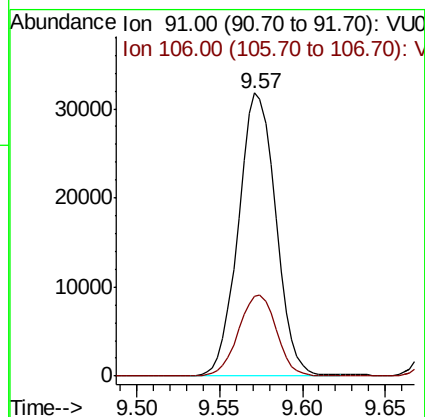
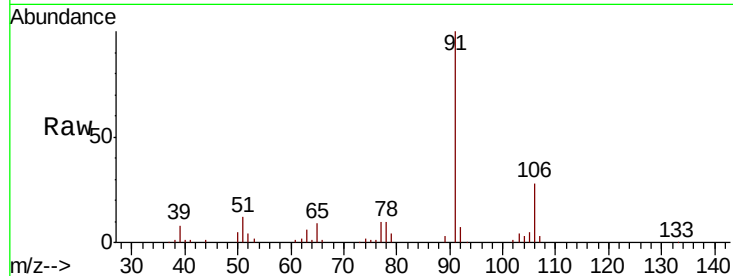




#63
Ethyl Benzene
Concen: 1.565 ug/l
RT: 9.57 min Scan# 2560
Delta R.T. -0.00 min
Lab File: VU039732.D
Acq: 31 Jul 2020 13:43

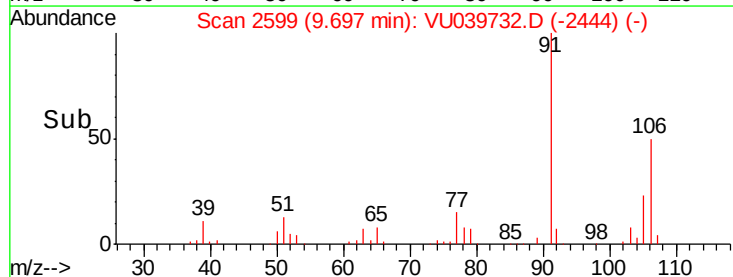
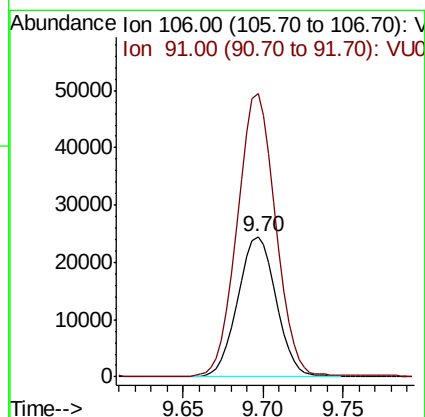
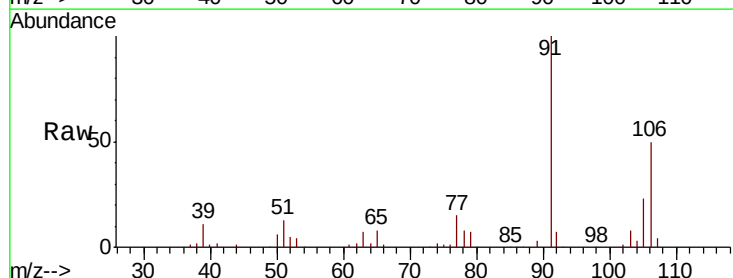
Instrument :
MSVOA_U
ClientSampled :

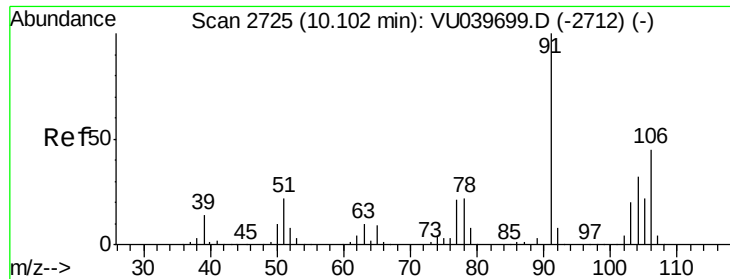
Tot Ion: 91 Resp: 50092
Ion Ratio Lower Upper
91 100
106 28.2 24.2 36.4



#64
m/p-Xylenes
Concen: 3.205 ug/l
RT: 9.70 min Scan# 2599
Delta R.T. -0.00 min
Lab File: VU039732.D
Acq: 31 Jul 2020 13:43

Tgt Ion: 106 Resp: 40080
Ion Ratio Lower Upper
106 100
91 201.8 163.9 245.9

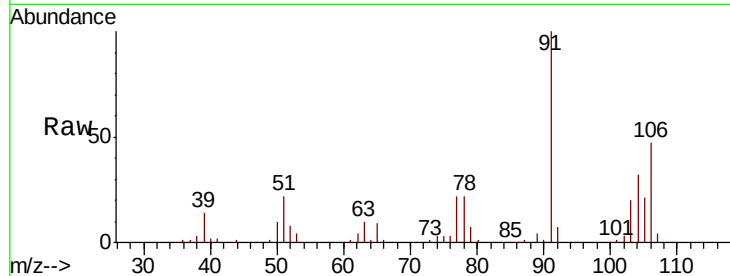




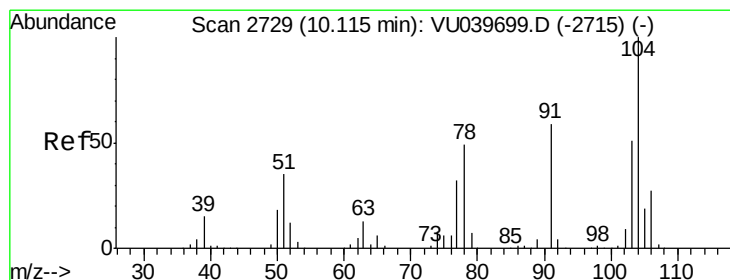
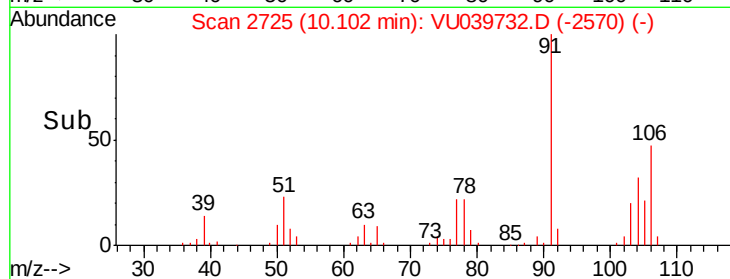
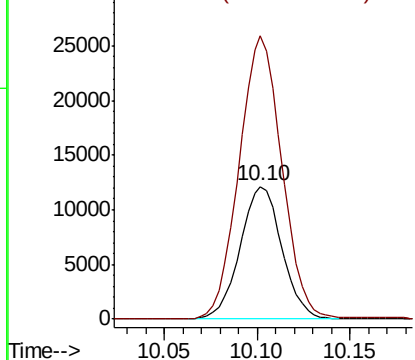
#65
o-Xylene
Concen: 1.592 ug/l
RT: 10.10 min Scan# 2725
Delta R.T. -0.00 min
Lab File: VU039732.D
Acq: 31 Jul 2020 13:43

Instrument :
MSVOA_U
ClientSampled :

Tot Ion:106 Resp: 18904
Ion Ratio Lower Upper
106 100
91 218.9 110.3 331.0

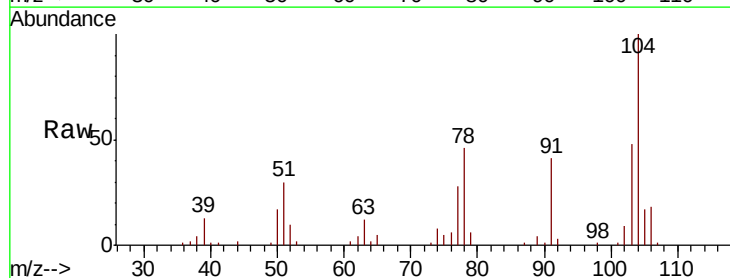


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

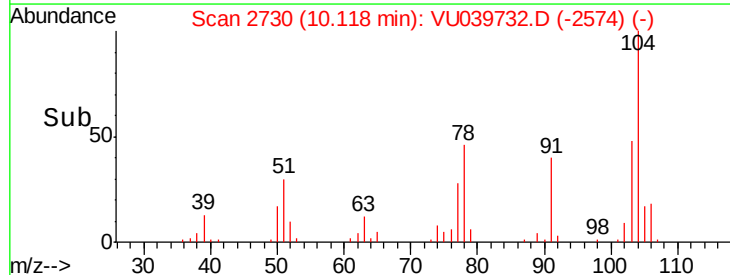
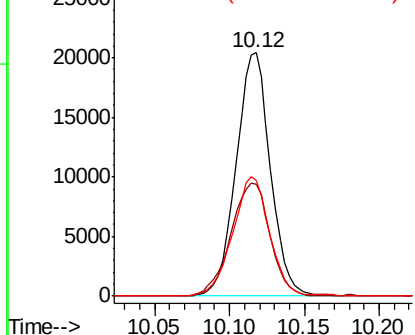


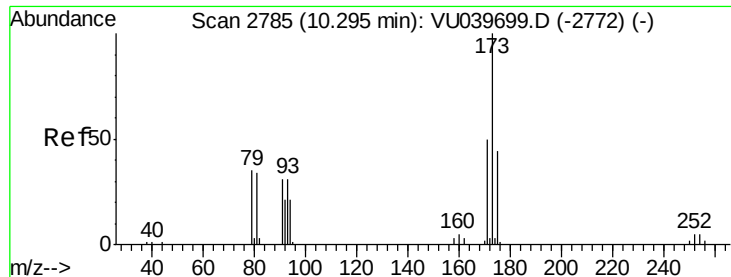
#66
Styrene
Concen: 1.597 ug/l
RT: 10.12 min Scan# 2730
Delta R.T. 0.00 min
Lab File: VU039732.D
Acq: 31 Jul 2020 13:43

Tgt Ion:104 Resp: 32500
Ion Ratio Lower Upper
104 100
78 52.8 42.2 63.4
103 52.8 43.4 65.2



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

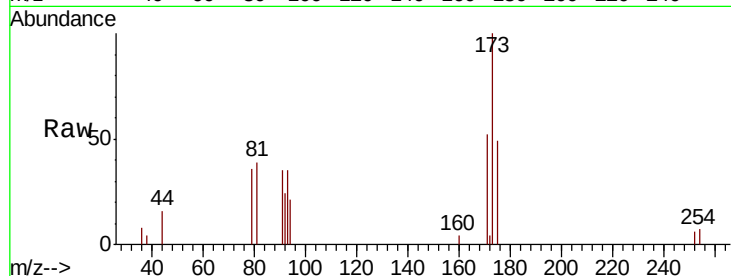




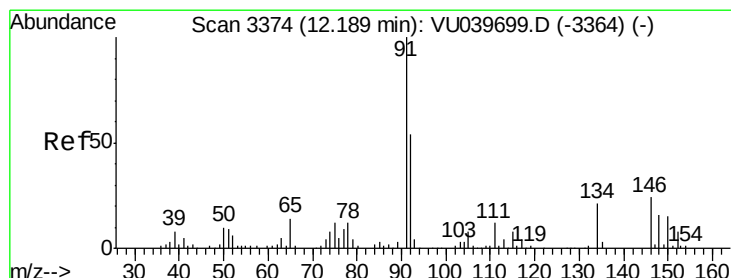
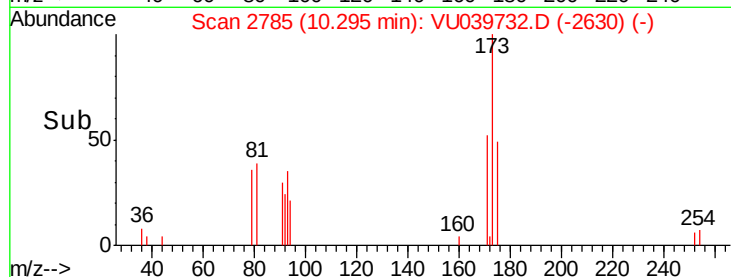
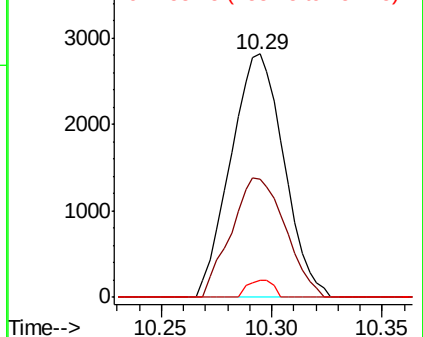
#67
Bromoform
Concen: 1.541 ug/l
RT: 10.29 min Scan# 2785
Delta R.T. -0.00 min
Lab File: VU039732.D
Acq: 31 Jul 2020 13:43

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:173 Resp: 4719
Ion Ratio Lower Upper
173 100
175 49.9 36.7 55.1
254 3.4 3.8 5.8#

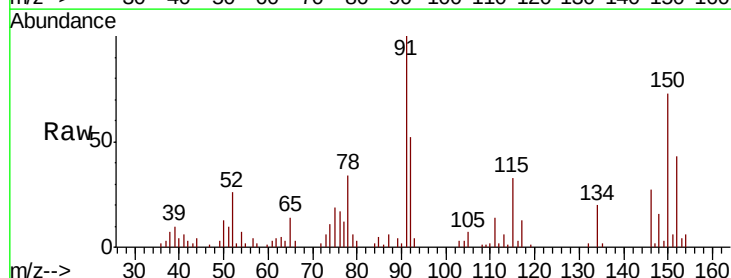


Abundance Ion 172.90 (172.60 to 173.60): V
Ion 174.90 (174.60 to 175.60): V
Ion 253.75 (253.45 to 254.45): V

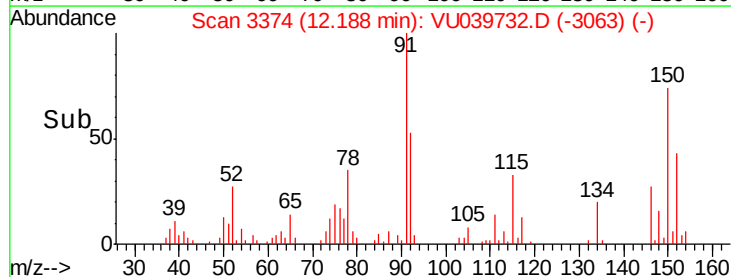
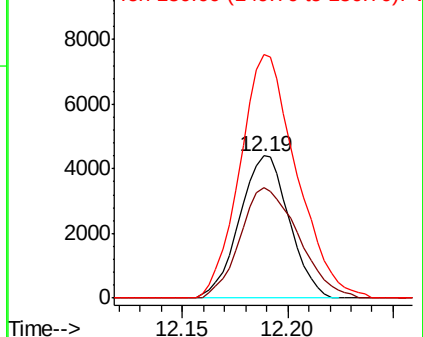


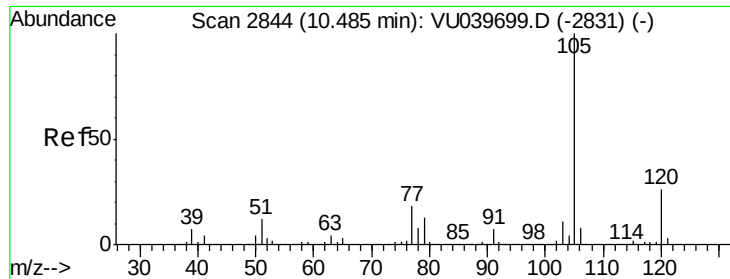
#68
1,2-Dichlorobenzene-d4
Concen: 0.812 ug/l
RT: 12.19 min Scan# 3374
Delta R.T. -0.00 min
Lab File: VU039732.D
Acq: 31 Jul 2020 13:43

Tgt Ion:152 Resp: 7199
Ion Ratio Lower Upper
152 100
115 90.8 0.0 302.4
150 195.2 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: 1.574 ug/l

RT: 10.48 min Scan# 2844

Delta R.T. -0.00 min

Lab File: VU039732.D

Acq: 31 Jul 2020 13:43

Instrument :

MSVOA_U

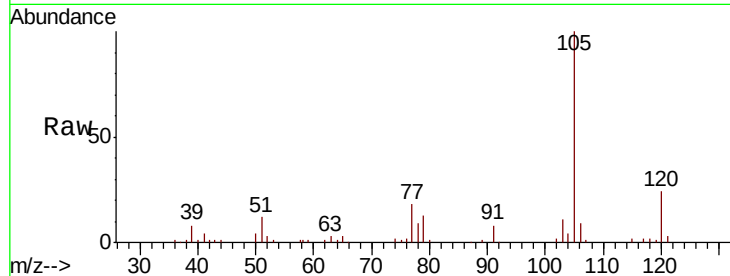
ClientSampleId :

Tot Ion:105 Resp: 49912

Ion Ratio Lower Upper

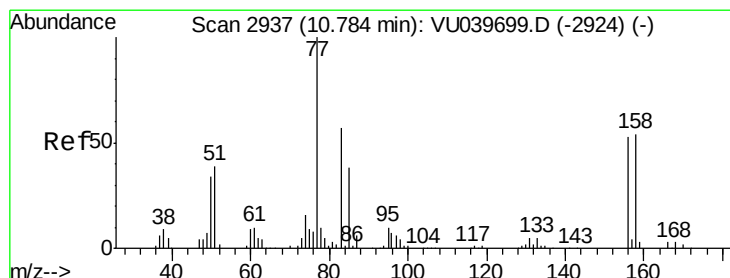
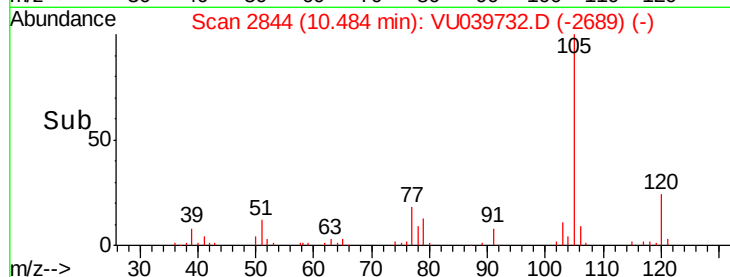
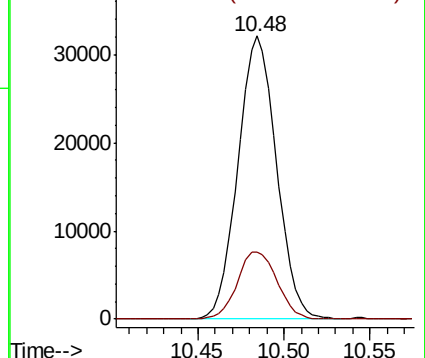
105 100

120 24.7 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#70

1,1,2,2-Tetrachloroethane

Concen: 1.763 ug/l

RT: 10.78 min Scan# 2937

Delta R.T. -0.00 min

Lab File: VU039732.D

Acq: 31 Jul 2020 13:43

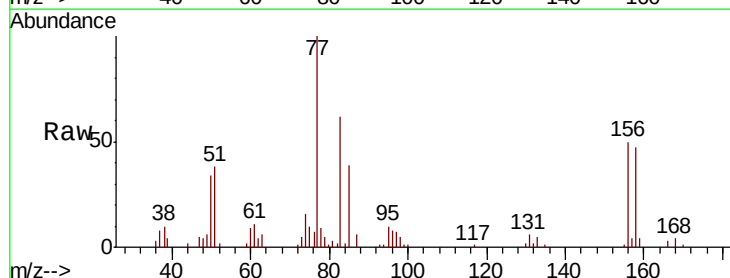
Tgt Ion: 83 Resp: 14188

Ion Ratio Lower Upper

83 100

131 8.5 7.0 10.6

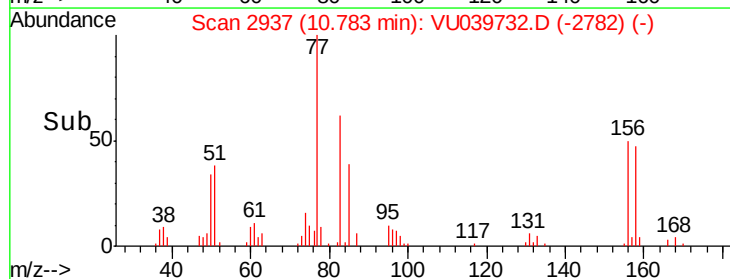
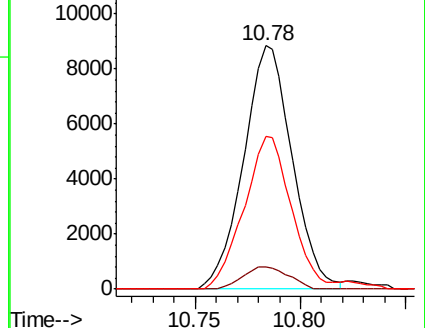
85 60.7 50.6 75.8

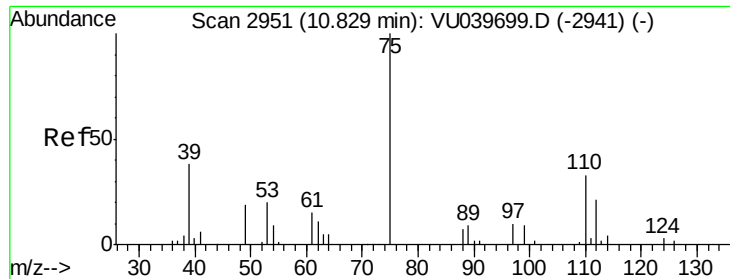


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VU0

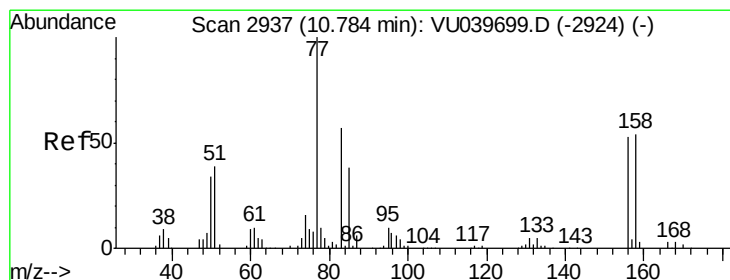
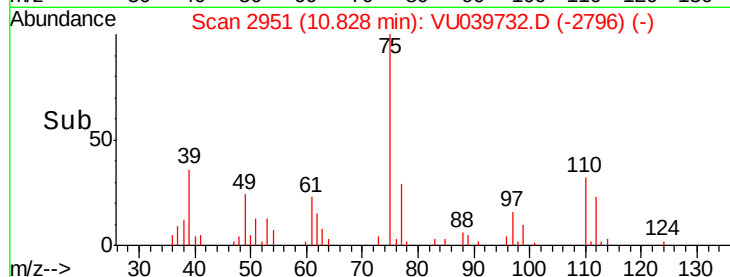
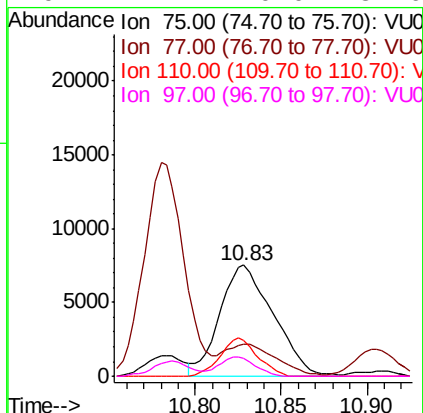
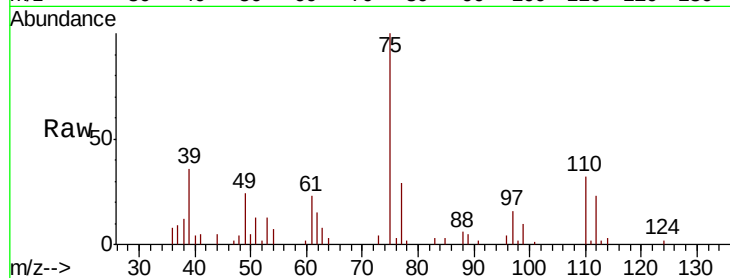




#71
 1,2,3-Trichloropropane
 Concen: 2.680 ug/l
 RT: 10.83 min Scan# 2951
 Delta R.T. -0.00 min
 Lab File: VU039732.D
 Acq: 31 Jul 2020 13:43

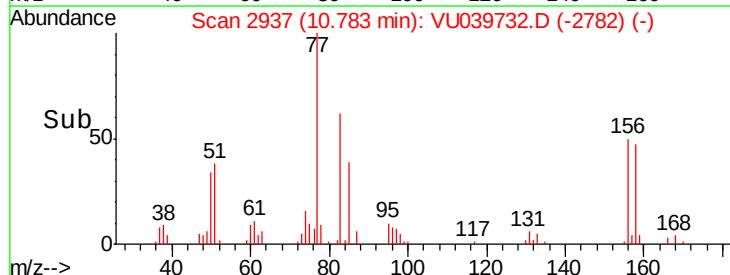
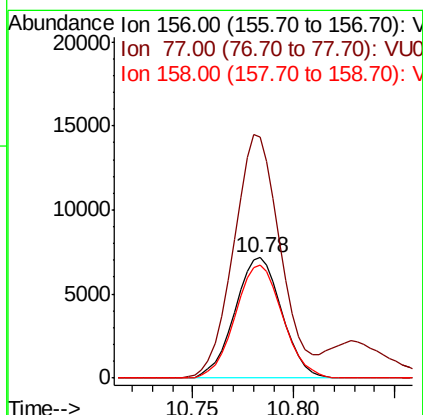
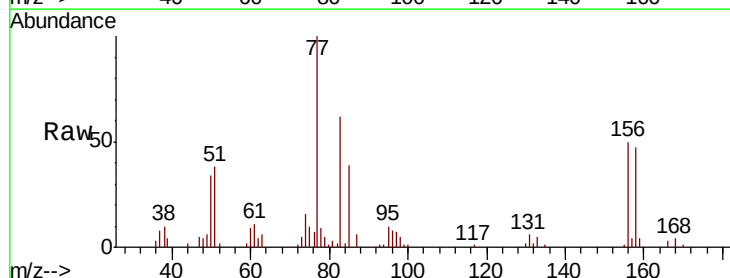
Instrument :
 MSVOA_U
 ClientSampled :

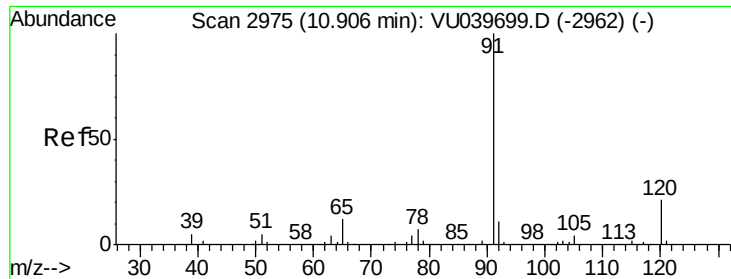
Tot Ion:	75	Resp:	16248
Ion	Ratio	Lower	Upper
75	100		
77	28.0	0.0	91.0
110	23.7	0.0	64.2
97	11.7	0.0	32.6



#72
 Bromobenzene
 Concen: 1.628 ug/l
 RT: 10.78 min Scan# 2937
 Delta R.T. -0.00 min
 Lab File: VU039732.D
 Acq: 31 Jul 2020 13:43

Tgt Ion:	156	Resp:	11727
Ion	Ratio	Lower	Upper
156	100		
77	199.4	0.0	385.2
158	94.0	0.0	200.8





#73

n-propylbenzene

Concen: 1.489 ug/l

RT: 10.91 min Scan# 2975

Delta R.T. -0.00 min

Lab File: VU039732.D

Acq: 31 Jul 2020 13:43

Instrument :

MSVOA_U

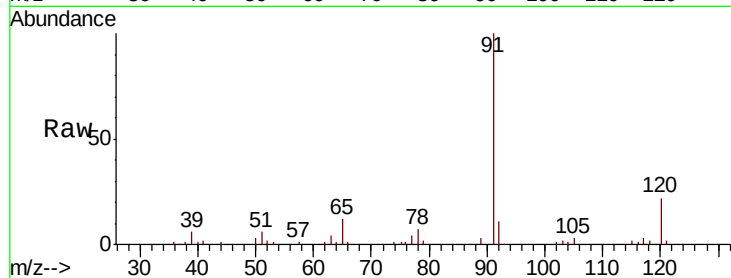
ClientSampleId :

Tot Ion:120 Resp: 13274

Ion Ratio Lower Upper

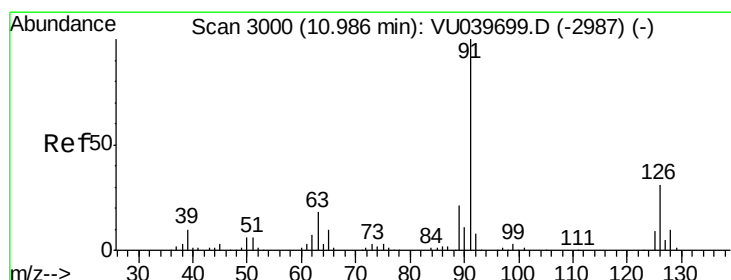
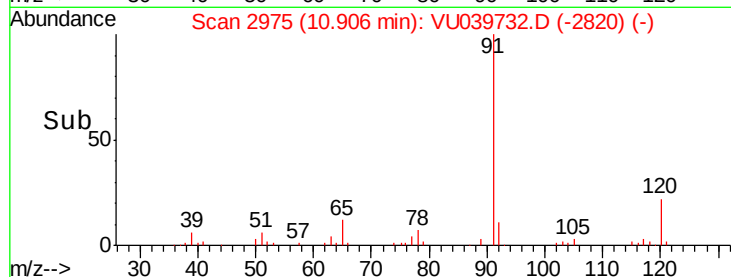
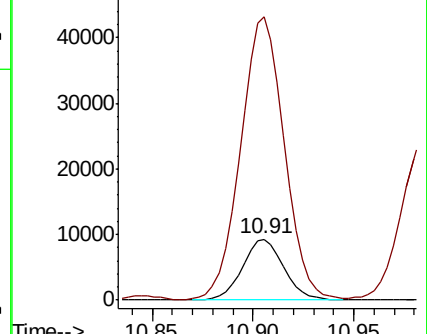
120 100

91 489.9 371.7 557.5



Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0



#74

2-Chlorotoluene

Concen: 1.626 ug/l

RT: 10.99 min Scan# 3000

Delta R.T. -0.00 min

Lab File: VU039732.D

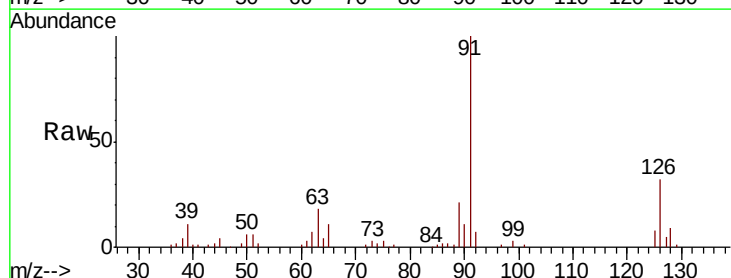
Acq: 31 Jul 2020 13:43

Tgt Ion:126 Resp: 12245

Ion Ratio Lower Upper

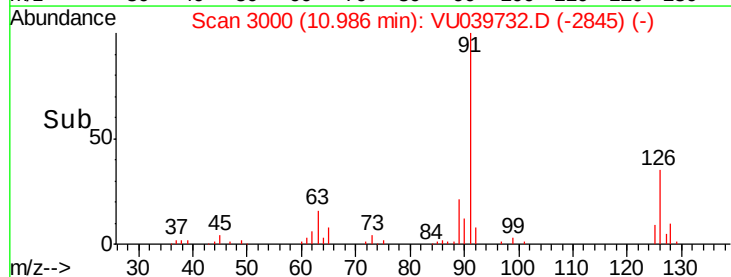
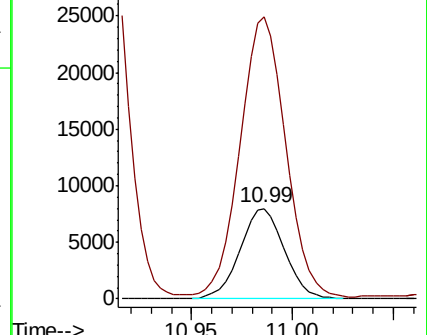
126 100

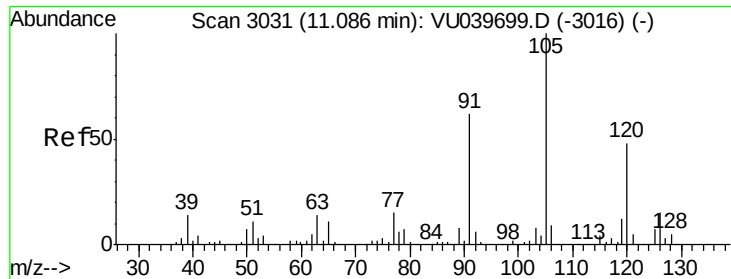
91 319.1 0.0 637.0



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0





#75

1,3,5-Trimethylbenzene

Concen: 1.582 ug/l

RT: 11.09 min Scan# 3031

Delta R.T. -0.00 min

Lab File: VU039732.D

Acq: 31 Jul 2020 13:43

Instrument :

MSVOA_U

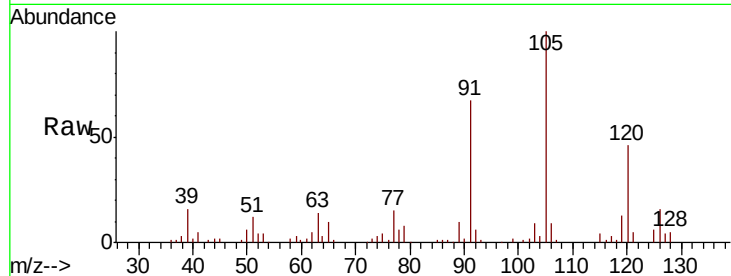
ClientSampled :

Tot Ion:105 Resp: 43361

Ion Ratio Lower Upper

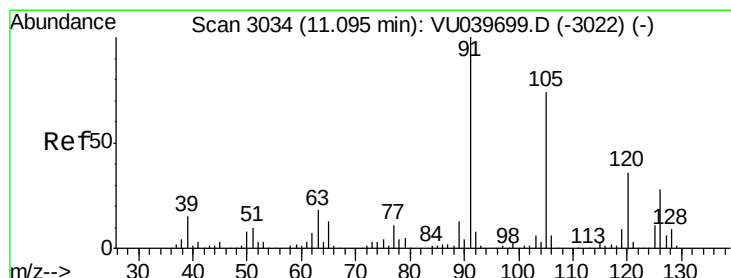
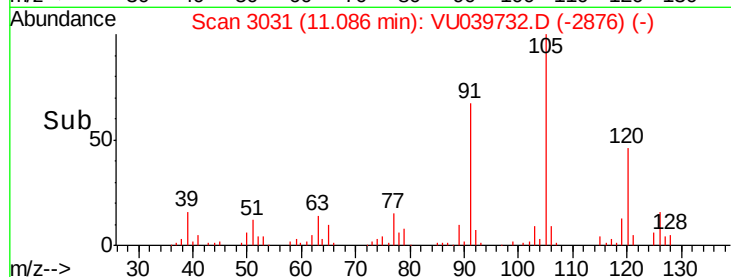
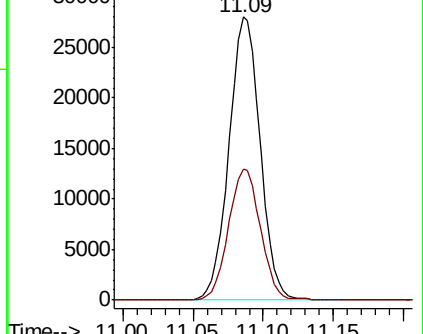
105 100

120 47.2 38.0 57.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#76

4-Chlorotoluene

Concen: 1.697 ug/l

RT: 11.10 min Scan# 3034

Delta R.T. -0.00 min

Lab File: VU039732.D

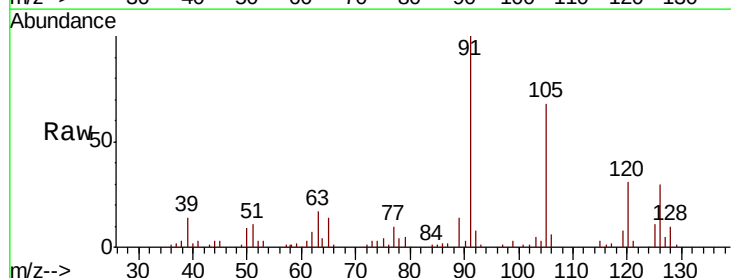
Acq: 31 Jul 2020 13:43

Tgt Ion:126 Resp: 13238

Ion Ratio Lower Upper

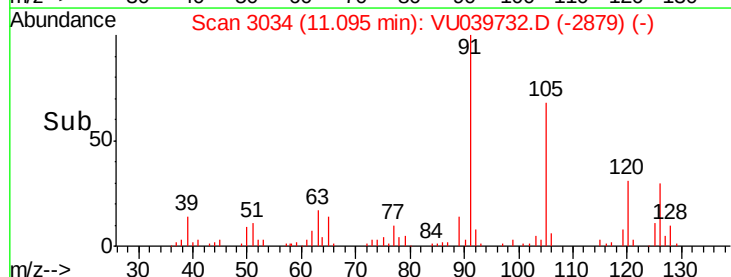
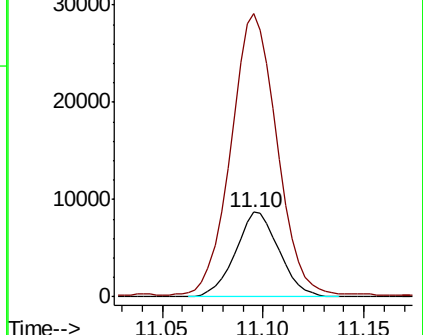
126 100

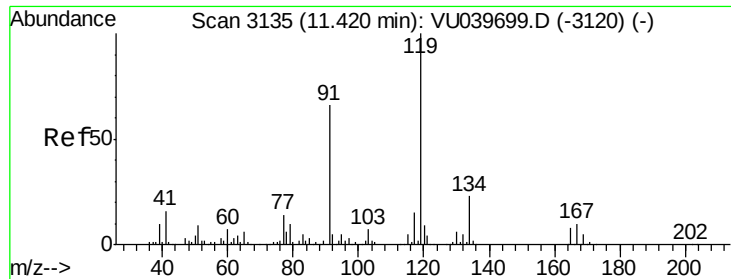
91 349.9 0.0 732.2



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0





#77

tert-Butylbenzene

Concen: 1.546 ug/l

RT: 11.42 min Scan# 3134

Delta R.T. -0.00 min

Lab File: VU039732.D

Acq: 31 Jul 2020 13:43

Instrument :

MSVOA_U

ClientSampleId :

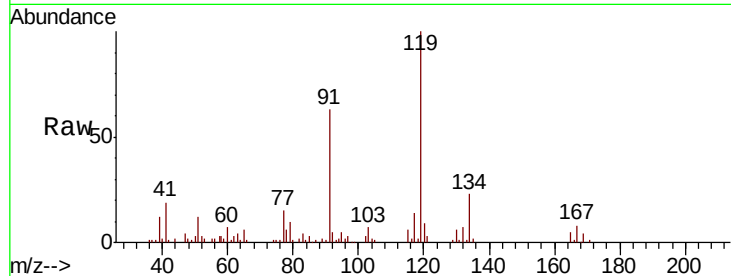
Tot Ion:119 Resp: 40670

Ion Ratio Lower Upper

119 100

91 61.9 31.9 95.5

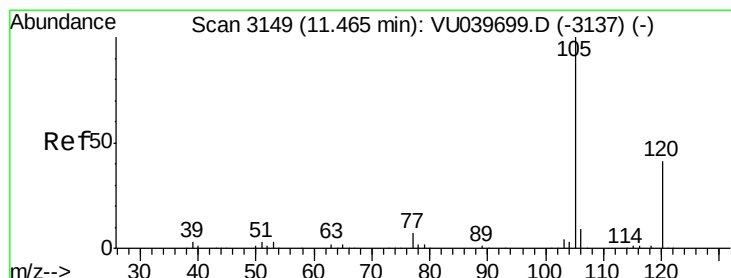
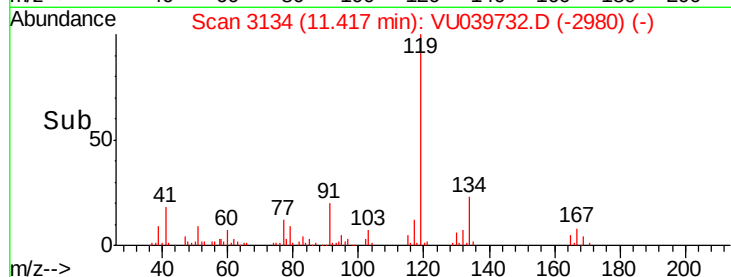
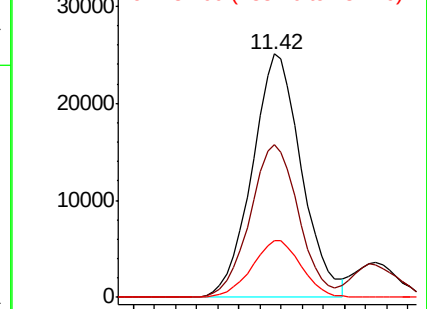
134 23.3 18.2 27.4



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: 1.568 ug/l

RT: 11.46 min Scan# 3149

Delta R.T. -0.00 min

Lab File: VU039732.D

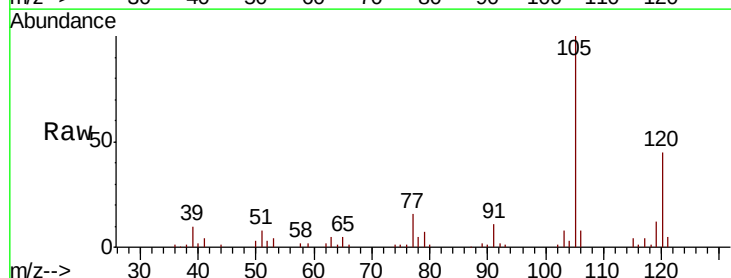
Acq: 31 Jul 2020 13:43

Tgt Ion:105 Resp: 44075

Ion Ratio Lower Upper

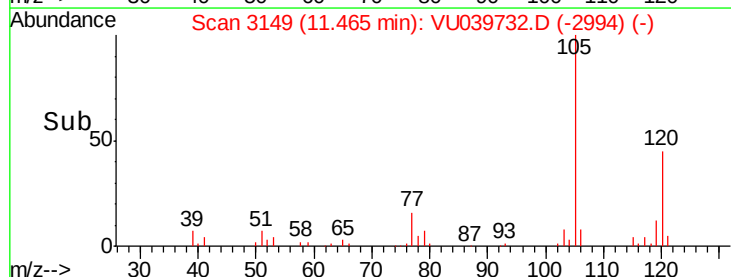
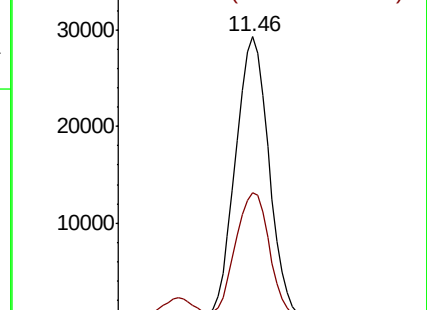
105 100

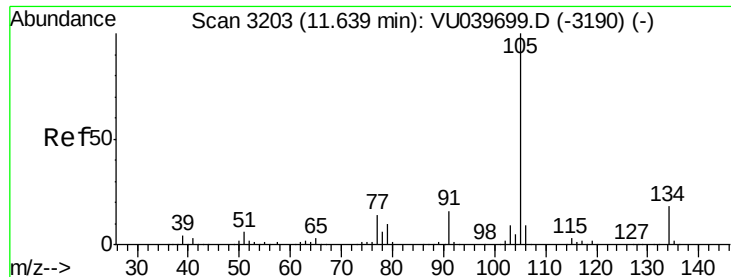
120 46.9 22.7 68.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

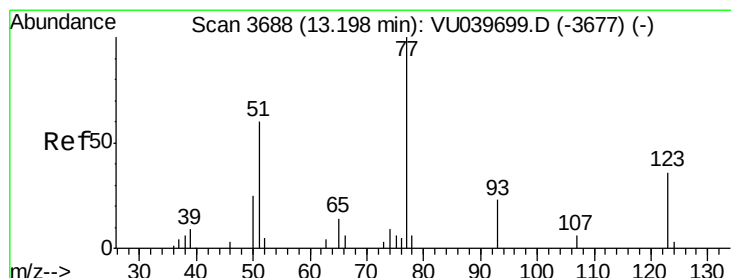
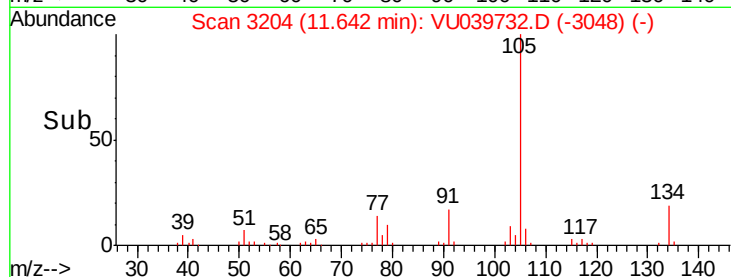
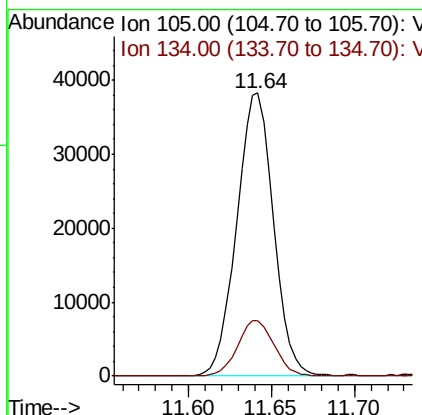
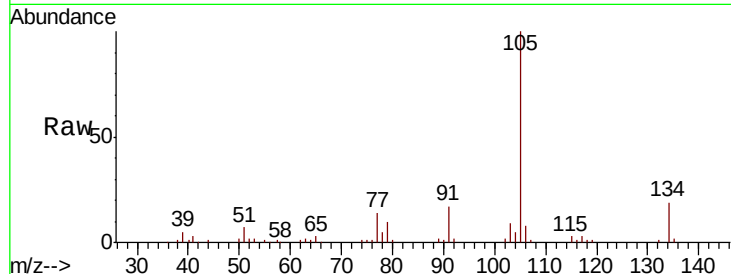




#79
 sec-Butylbenzene
 Concen: 1.575 ug/l
 RT: 11.64 min Scan# 3204
 Delta R.T. 0.00 min
 Lab File: VU039732.D
 Acq: 31 Jul 2020 13:43

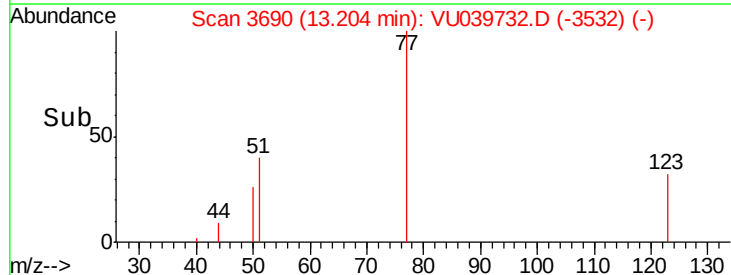
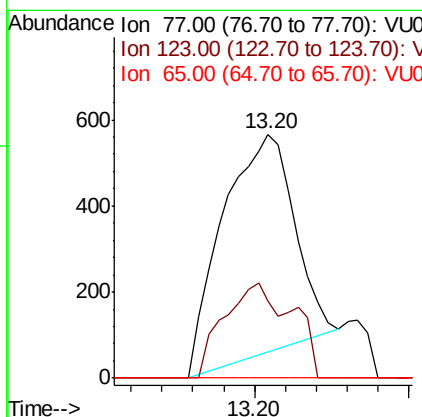
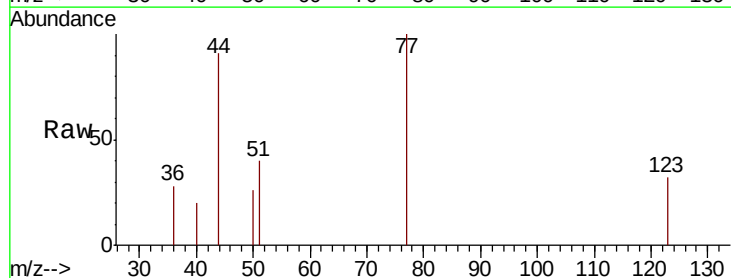
Instrument :
 MSVOA_U
 ClientSampled :

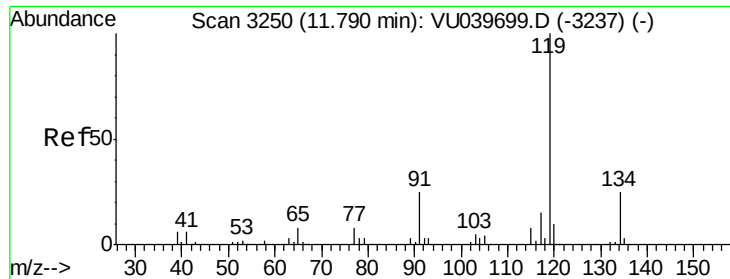
Tot Ion: 105 Resp: 58941
 Ion Ratio Lower Upper
 105 100
 134 19.5 14.8 22.2



#80
 Nitrobenzene
 Concen: 6.131 ug/l
 RT: 13.20 min Scan# 3690
 Delta R.T. 0.01 min
 Lab File: VU039732.D
 Acq: 31 Jul 2020 13:43

Tgt Ion: 77 Resp: 835
 Ion Ratio Lower Upper
 77 100
 123 40.7 16.9 59.9
 65 0.0 14.4 18.4#

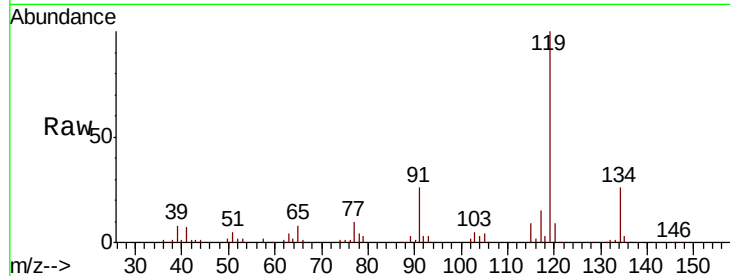




#81
 p-Isopropyltoluene
 Concen: 1.564 ug/l
 RT: 11.79 min Scan# 3250
 Delta R.T. -0.00 min
 Lab File: VU039732.D
 Acq: 31 Jul 2020 13:43

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
119	100		
134	25.4	20.2	30.4
91	25.8	20.7	31.1

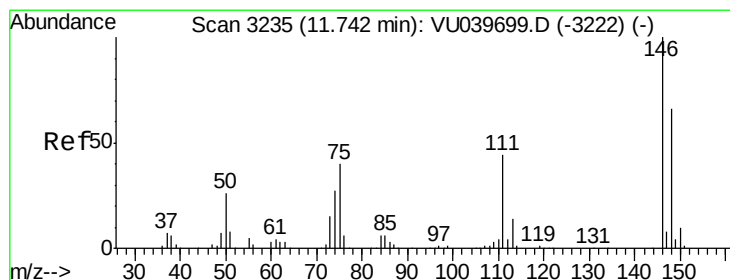
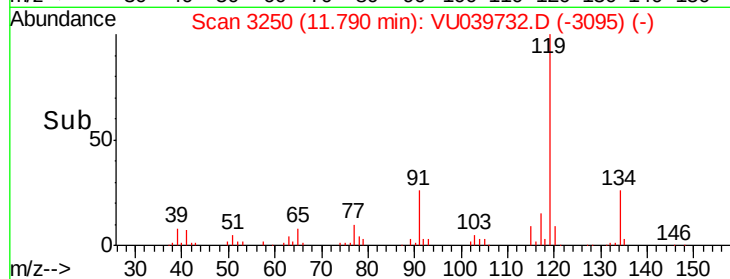
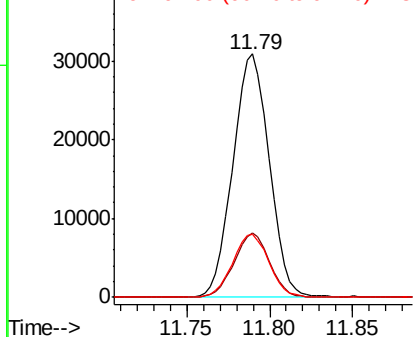


Abundance

Ion 119.00 (118.70 to 119.70): V

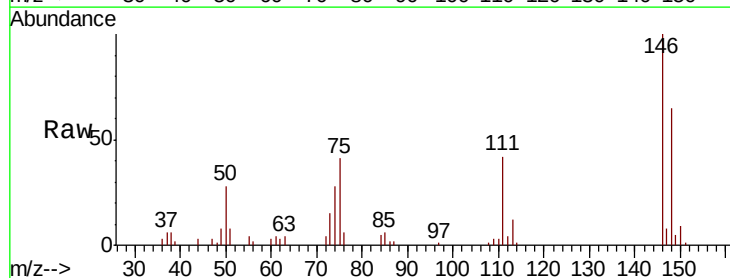
Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



#82
 1,3-Dichlorobenzene
 Concen: 1.647 ug/l
 RT: 11.74 min Scan# 3235
 Delta R.T. -0.00 min
 Lab File: VU039732.D
 Acq: 31 Jul 2020 13:43

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.7	34.5	51.7
148	64.8	51.4	77.0

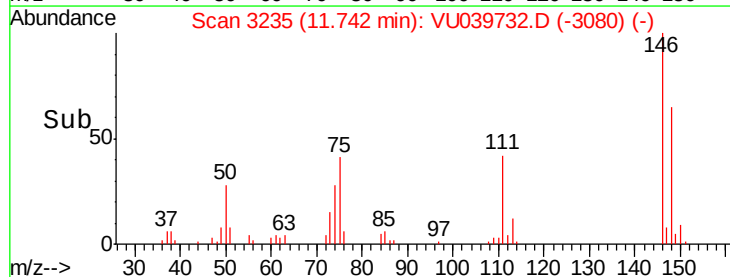
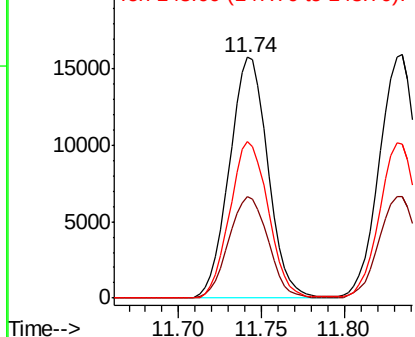


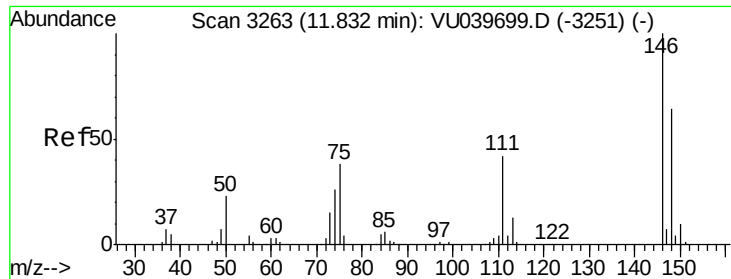
Abundance

Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

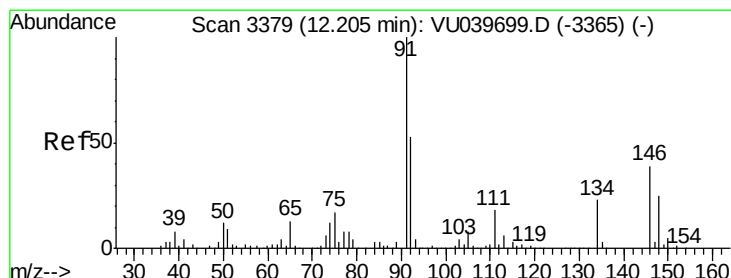
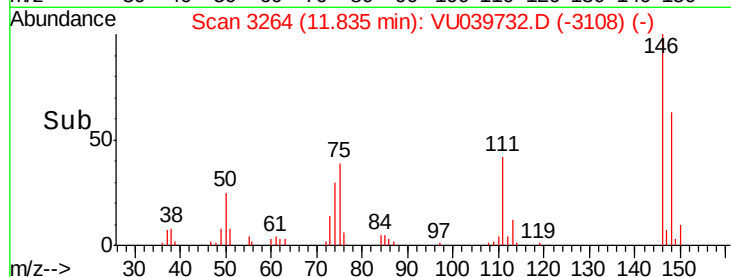
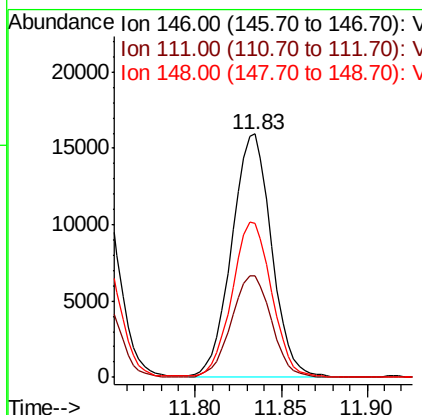
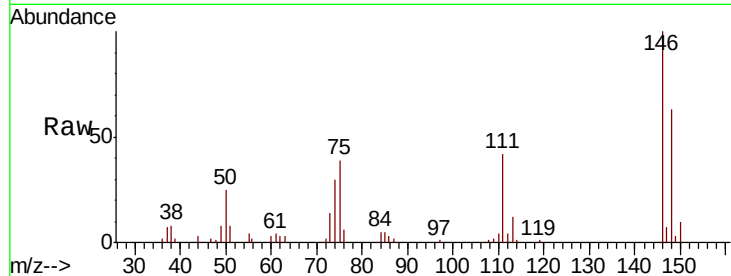




#83
 1,4-Dichlorobenzene
 Concen: 1.653 ug/l
 RT: 11.83 min Scan# 3264
 Delta R.T. 0.00 min
 Lab File: VU039732.D
 Acq: 31 Jul 2020 13:43

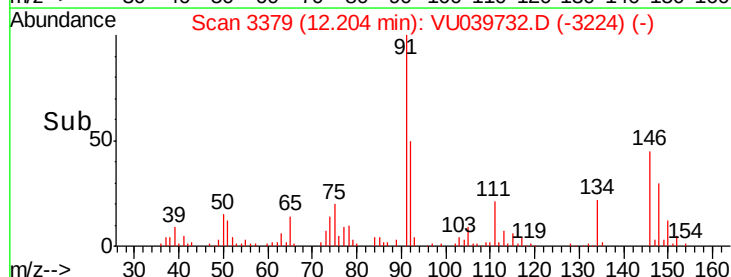
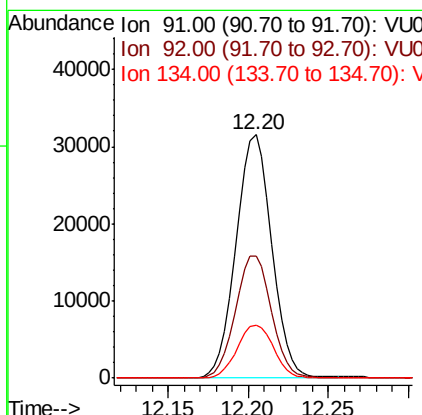
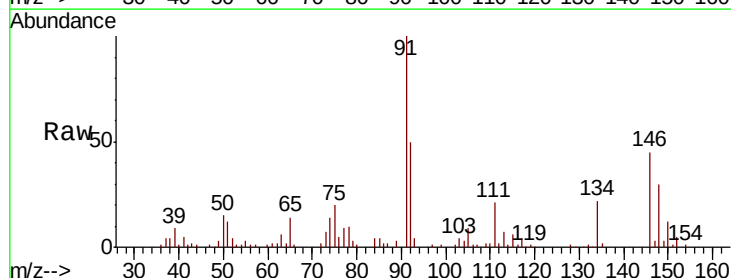
Instrument :
 MSVOA_U
 ClientSampleId :

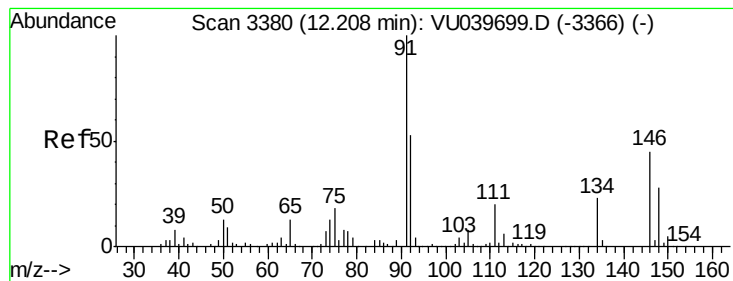
Tot Ion:146 Resp: 25776
 Ion Ratio Lower Upper
 146 100
 111 42.1 33.8 50.6
 148 63.6 51.1 76.7



#84
 n-Butylbenzene
 Concen: 1.498 ug/l
 RT: 12.20 min Scan# 3379
 Delta R.T. -0.00 min
 Lab File: VU039732.D
 Acq: 31 Jul 2020 13:43

Tgt Ion: 91 Resp: 48005
 Ion Ratio Lower Upper
 91 100
 92 50.3 42.6 64.0
 134 22.0 18.2 27.4





#85

1,2-Dichlorobenzene

Concen: 1.607 ug/l

RT: 12.21 min Scan# 3380

Delta R.T. -0.00 min

Lab File: VU039732.D

Acq: 31 Jul 2020 13:43

Instrument :

MSVOA_U

ClientSampleId :

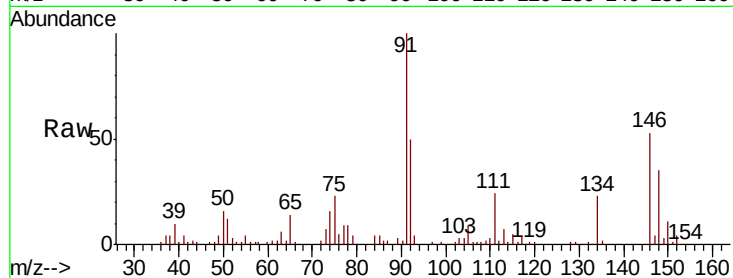
Tot Ion:146 Resp: 24016

Ion Ratio Lower Upper

146 100

111 46.3 22.8 68.3

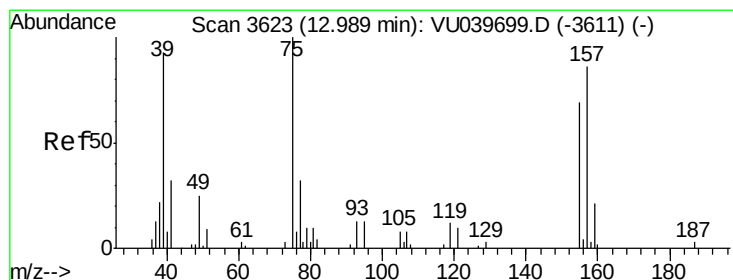
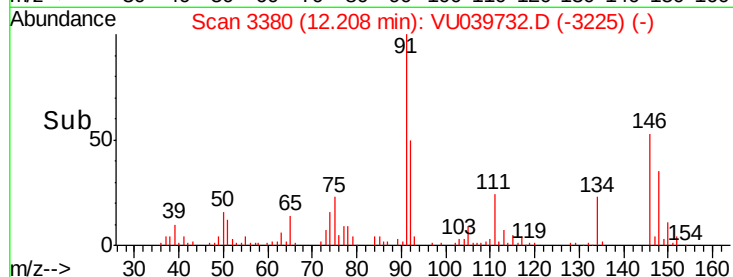
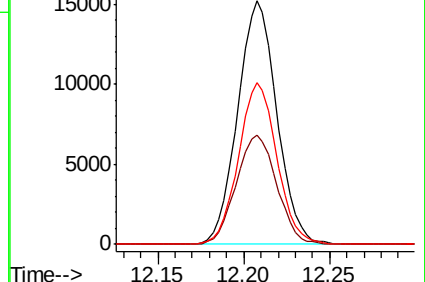
148 64.8 31.7 95.1



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#86

1,2-Dibromo-3-Chloropropane

Concen: 1.576 ug/l

RT: 12.99 min Scan# 3623

Delta R.T. -0.00 min

Lab File: VU039732.D

Acq: 31 Jul 2020 13:43

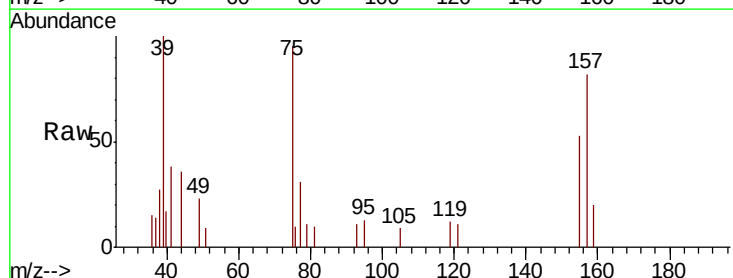
Tgt Ion: 75 Resp: 2137

Ion Ratio Lower Upper

75 100

155 59.6 52.9 79.3

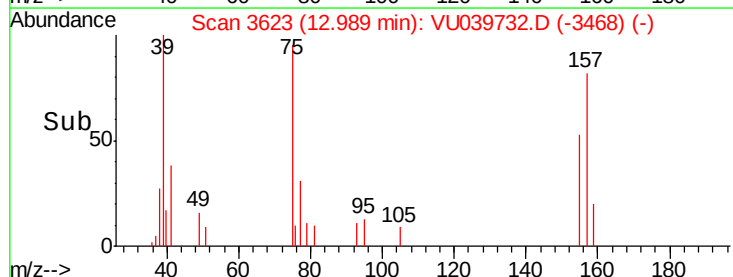
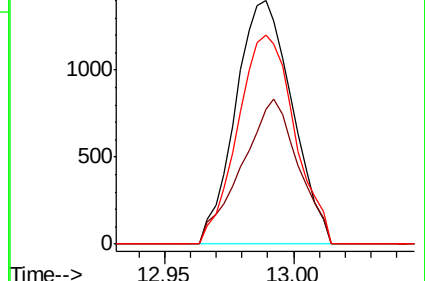
157 86.3 67.8 101.6

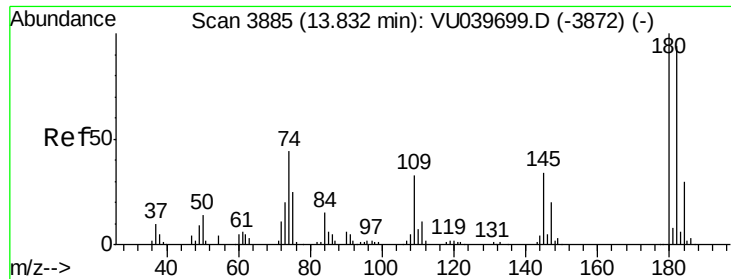


Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

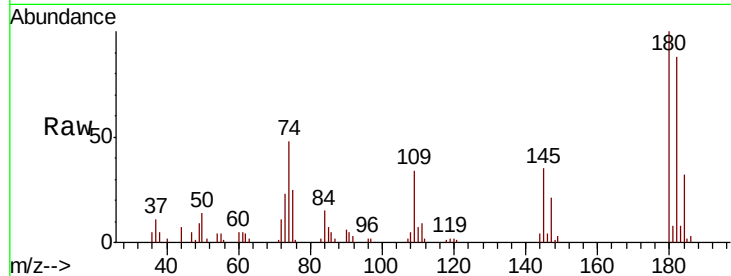




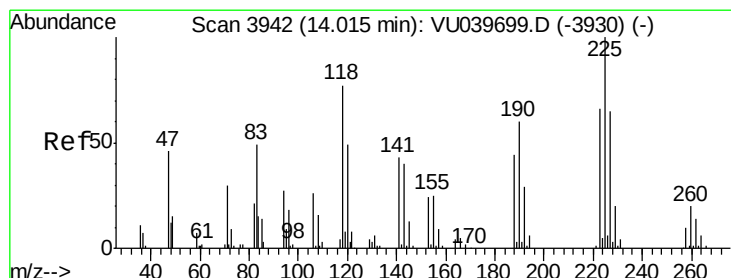
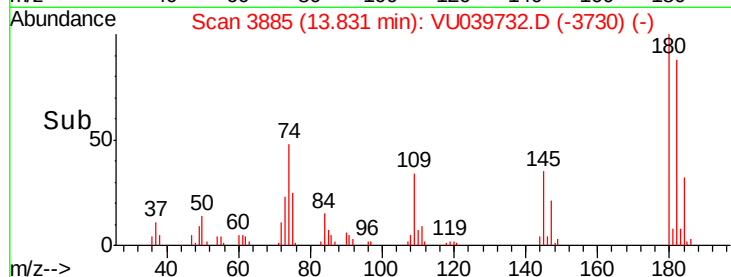
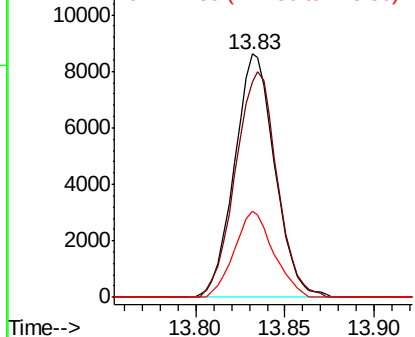
#87
 1,2,4-Trichlorobenzene
 Concen: 1.457 ug/l
 RT: 13.83 min Scan# 3885
 Delta R.T. -0.00 min
 Lab File: VU039732.D
 Acq: 31 Jul 2020 13:43

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion:180 Resp: 13619
 Ion Ratio Lower Upper
 180 100
 182 95.6 76.2 114.4
 145 34.3 26.8 40.2

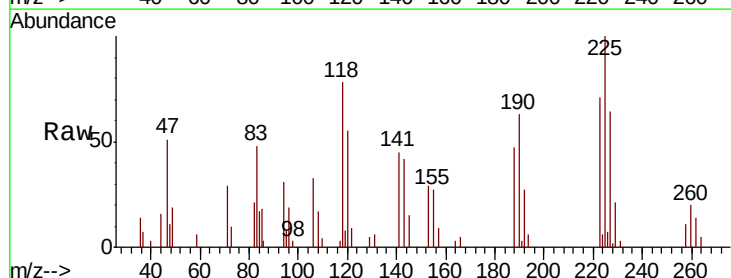


Abundance Ion 179.70 (179.40 to 180.40): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

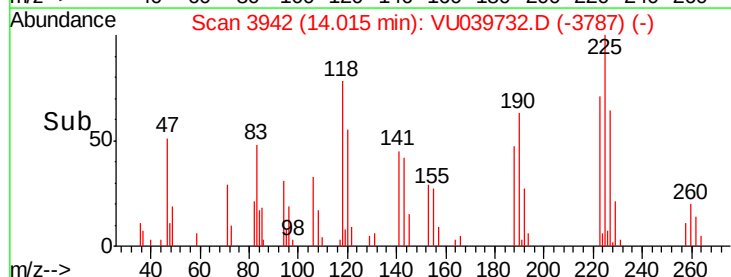
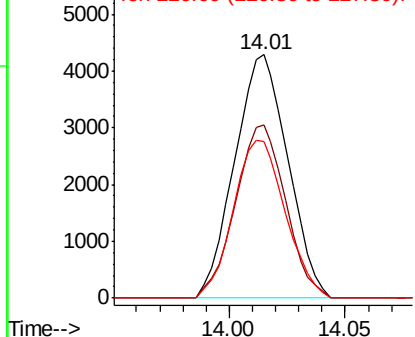


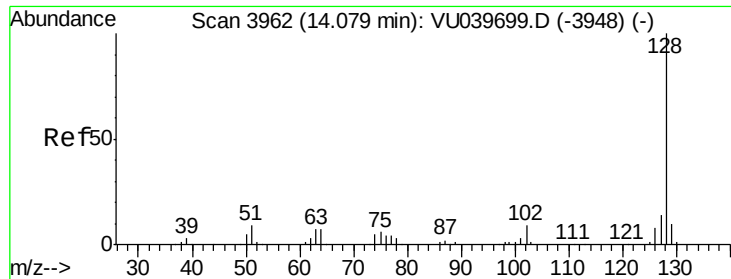
#88
 Hexachlorobutadiene
 Concen: 1.607 ug/l
 RT: 14.01 min Scan# 3942
 Delta R.T. -0.00 min
 Lab File: VU039732.D
 Acq: 31 Jul 2020 13:43

Tgt Ion:225 Resp: 6819
 Ion Ratio Lower Upper
 225 100
 223 66.7 52.4 78.6
 227 63.2 50.7 76.1



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





#89

Naphthalene

Concen: 1.375 ug/l

RT: 14.08 min Scan# 3962

Delta R.T. -0.00 min

Lab File: VU039732.D

Acq: 31 Jul 2020 13:43

Instrument :

MSVOA_U

ClientSampleId :

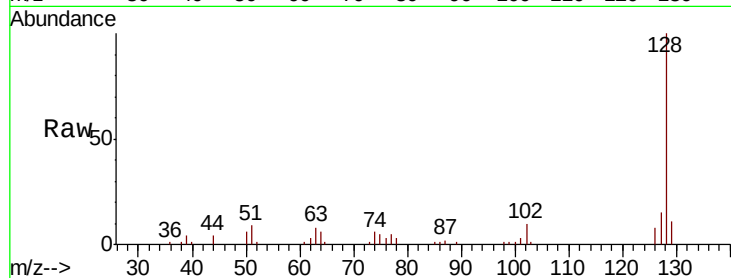
Tot Ion:128 Resp: 27496

Ion Ratio Lower Upper

128 100

127 13.9 11.0 16.4

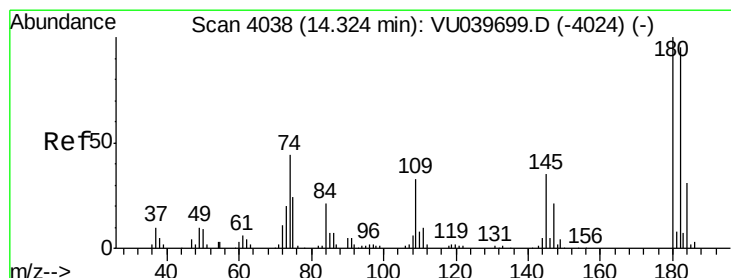
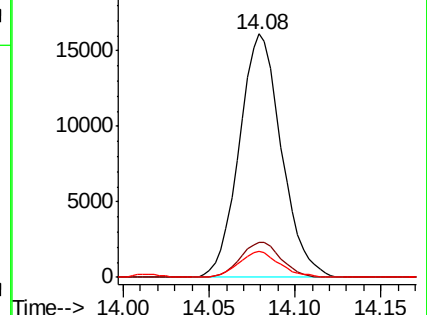
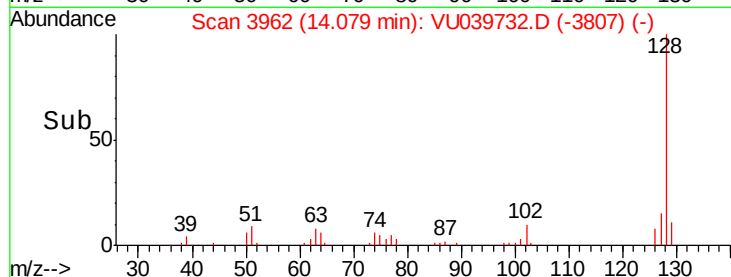
129 10.3 8.4 12.6



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: 1.516 ug/l

RT: 14.32 min Scan# 4038

Delta R.T. -0.00 min

Lab File: VU039732.D

Acq: 31 Jul 2020 13:43

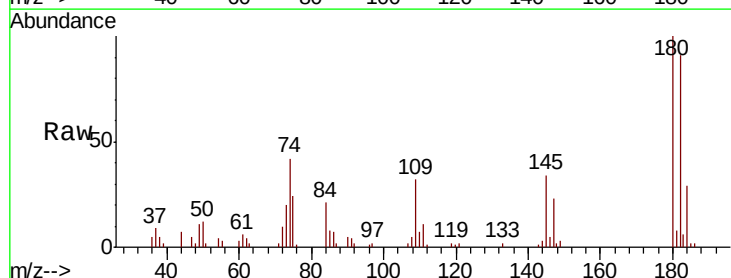
Tgt Ion:180 Resp: 13373

Ion Ratio Lower Upper

180 100

182 92.4 76.0 114.0

145 33.3 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

