

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U012220\
 Data File : VU036530.D
 Acq On : 22 Jan 2020 17:11
 Operator : JC/MD
 Sample : VSTDICV010
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 22 22:53:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U012220DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Jan 22 22:47:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----	-----	-----	-----	-----	-----	-----
1) Fluorobenzene	6.15	96	36189	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.65	95	13410	0.98	ug/l	0.00
Spiked Amount 1.000			Recovery	=	98.00%	
68) 1,2-Dichlorobenzene-d4	12.21	152	14338	1.03	ug/l	0.00
Spiked Amount 1.000			Recovery	=	103.00%	
Target Compounds						
					Ovalue	
2) Dichlorodifluoromethane	1.39	85	96582	8.074	ug/l	99
3) Chloromethane	1.54	50	120780	9.418	ug/l	98
4) Vinyl Chloride	1.62	62	124865	8.596	ug/l	100
5) Bromomethane	1.87	94	84720	9.386	ug/l	100
6) Chloroethane	1.95	64	75441	8.767	ug/l	100
7) Trichlorofluoromethane	2.16	101	148079	10.318	ug/l	99
8) 1,1,2-Trichloro-1,2,2-trif	2.61	101	95522	10.684	ug/l	99
9) 1,1-Dichloroethene	2.61	96	100075	10.516	ug/l	98
10) Iodomethane	2.75	142	117713	9.091	ug/l	99
11) Allyl Chloride	2.95	41	129550	9.846	ug/l	98
12) Acrylonitrile	3.37	53	102206	43.787	ug/l	97
13) Acetone	2.67	43	93498	59.428	ug/l	100
14) Carbon Disulfide	2.82	76	327102	9.925	ug/l	100
15) Methylene Chloride	3.08	84	110152	8.788	ug/l	98
16) trans-1,2-Dichloroethene	3.39	96	108451	10.331	ug/l	98
17) 1,1-Dichloroethane	3.91	63	173508	10.142	ug/l	99
18) 2-Butanone	4.77	43	117386	46.842	ug/l	99
19) Cyclohexane	5.42	56	146992	9.401	ug/l	91
20) Methylcyclohexane	6.79	83	184546	10.571	ug/l	100
21) 2,2-Dichloropropane	4.71	77	147234	10.082	ug/l	99
22) cis-1,2-Dichloroethene	4.71	96	115115	10.569	ug/l	99
23) Diethyl Ether	2.40	59	71684	9.751	ug/l	98
24) tert-Butyl Alcohol	3.26	59	20867	31.761	ug/l	99
25) Methyl tert-Butyl Ether	3.42	73	244905	9.821	ug/l	99
26) Bromochloromethane	5.02	128	46536	9.865	ug/l	97
27) Chloroform	5.13	83	171579	10.140	ug/l	99
28) 1,1,1-Trichloroethane	5.36	97	146546	10.328	ug/l	99
29) 1,1-Dichloropropene	5.57	75	140347	10.135	ug/l	99
30) Carbon Tetrachloride	5.56	117	124724	10.266	ug/l	98
31) Isopropyl Ether	4.05	45	267160	10.288	ug/l #	1
33) Tert-Amyl methyl ether	5.81	73	6781	0.273	ug/l #	1
34) Propionitrile	4.84	54	54469	75.405	ug/l	96
35) Benzene	5.81	78	411926	10.273	ug/l	100
36) 1,2-Dichloroethane	5.84	62	111345	10.315	ug/l	100
37) Trichloroethene	6.58	130	115241	10.410	ug/l	99
38) 1,2-Dichloropropane	6.83	63	102492	10.166	ug/l	99
39) Methacrylonitrile	5.03	41	29342	9.665	ug/l	98
40) Methyl acrylate	4.90	55	48563	10.093	ug/l #	91
41) Tetrahydrofuran	5.12	42	69242	41.864	ug/l	98
42) 1-Chlorobutane	5.50	56	181143	10.097	ug/l	100
43) Dibromomethane	6.96	93	54808	10.415	ug/l	99

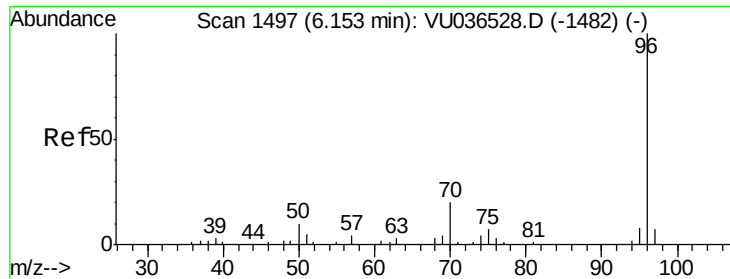
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U012220\
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 QLast Update : Wed Jan 22 22:47:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Bromodichloromethane	7.14	83	131236	10.543	ug/l	100
45) 4-Methyl-2-Pentanone	7.84	43	296627	50.032	ug/l	99
46) t-1,4-Dichloro-2-butene	10.85	75	97706	37.421	ug/l #	50
47) Methyl methacrylate	7.00	69	52791	10.237	ug/l	99
48) Ethyl methacrylate	8.37	69	106638	10.706	ug/l	100
49) Toluene	8.00	92	262588	10.259	ug/l	99
50) t-1,3-Dichloropropene	8.24	75	136184	10.979	ug/l	99
51) cis-1,3-Dichloropropene	7.64	75	161546	10.747	ug/l	99
52) 1,1,2-Trichloroethane	8.43	97	78221	10.477	ug/l	99
53) 1,3-Dichloropropane	8.61	76	133161	10.405	ug/l	100
54) 2-Hexanone	8.72	43	229745	55.256	ug/l	99
55) Dibromochloromethane	8.84	129	92541	10.765	ug/l	99
56) 1,2-Dibromoethane	8.95	107	76265	10.608	ug/l	98
58) Tetrachloroethene	8.58	164	126210	11.406	ug/l	100
59) Chlorobenzene	9.47	112	287828	10.095	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.56	131	97354	10.691	ug/l	99
61) Pentachloroethane	11.45	117	52065	8.862	ug/l	96
62) Hexachloroethane	12.50	117	82072	10.961	ug/l	99
63) Ethyl Benzene	9.60	91	504879	10.566	ug/l	100
64) m/p-Xylenes	9.72	106	394181	20.840	ug/l	100
65) o-Xylene	10.12	106	186488	10.182	ug/l	99
66) Styrene	10.14	104	324182	10.569	ug/l	99
67) Bromoform	10.32	173	53455	10.861	ug/l	100
69) Isopropylbenzene	10.51	105	499850	10.388	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.81	83	95972	10.188	ug/l	97
71) 1,2,3-Trichloropropane	10.85	75	97706	14.537	ug/l	71
72) Bromobenzene	10.81	156	124016	10.698	ug/l	99
73) n-propylbenzene	10.93	120	142300	10.540	ug/l	99
74) 2-Chlorotoluene	11.01	126	117450	10.129	ug/l	96
75) 1,3,5-Trimethylbenzene	11.11	105	439324	10.646	ug/l	100
76) 4-Chlorotoluene	11.12	126	125198	10.450	ug/l	97
77) tert-Butylbenzene	11.44	119	393417	10.061	ug/l	99
78) 1,2,4-Trimethylbenzene	11.49	105	445896	10.479	ug/l	99
79) sec-Butylbenzene	11.66	105	525492	9.686	ug/l	100
80) Nitrobenzene	13.23	77	2583	20.761	ug/l #	86
81) p-Isopropyltoluene	11.81	119	486514	10.729	ug/l	100
82) 1,3-Dichlorobenzene	11.77	146	240721	10.379	ug/l	99
83) 1,4-Dichlorobenzene	11.86	146	239373	10.326	ug/l	99
84) n-Butylbenzene	12.23	91	470875	11.229	ug/l	99
85) 1,2-Dichlorobenzene	12.23	146	224296	10.106	ug/l	100
86) 1,2-Dibromo-3-Chloropropan	13.02	75	16083	10.087	ug/l	97
87) 1,2,4-Trichlorobenzene	13.86	180	169719	11.955	ug/l	99
88) Hexachlorobutadiene	14.04	225	83749	10.764	ug/l	98
89) Naphthalene	14.10	128	303657	12.415	ug/l	99
90) 1,2,3-Trichlorobenzene	14.35	180	152612	11.431	ug/l	99

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



#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 6.15 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VU036530.D

Acq: 22 Jan 2020 17:11

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 96 Resp: 36189

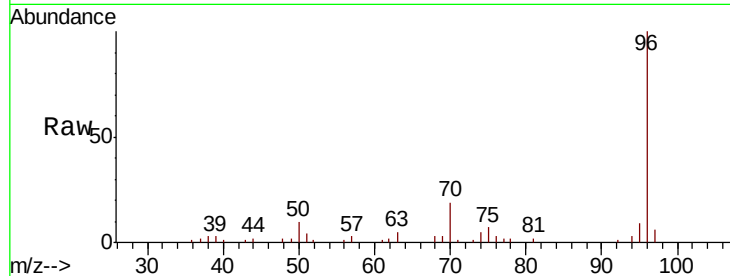
Ion Ratio Lower Upper

96 100

70 19.3 15.6 23.4

95 8.8 7.0 10.6

97 0.0 0.0 0.0

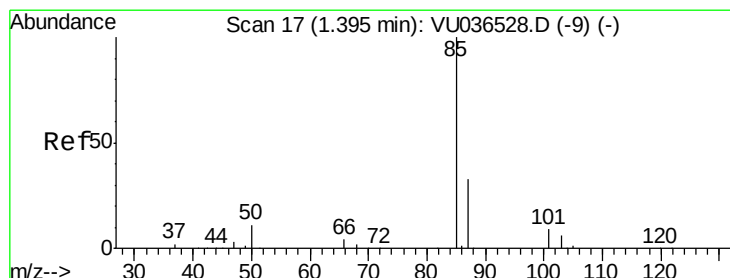
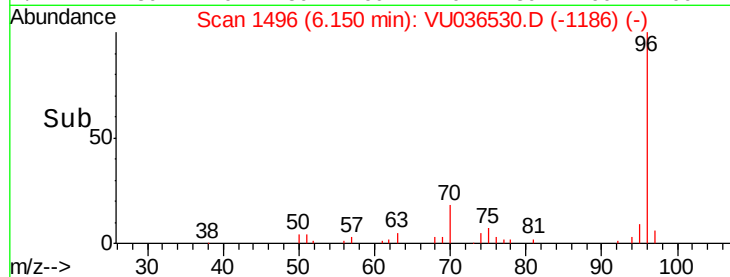
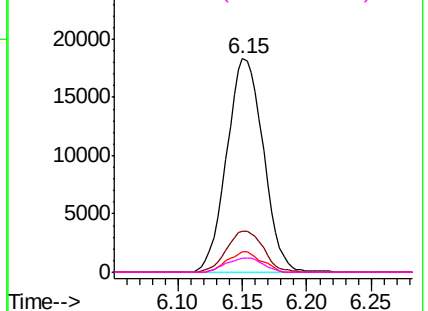


Abundance Ion 96.00 (95.70 to 96.70): VU036528.D (-1482) (-)

Ion 70.00 (69.70 to 70.70): VU036528.D (-1482) (-)

Ion 95.00 (94.70 to 95.70): VU036528.D (-1482) (-)

Ion 97.00 (96.70 to 97.70): VU036528.D (-1482) (-)



#2

Dichlorodifluoromethane

Concen: 8.074 ug/l

RT: 1.39 min Scan# 17

Delta R.T. 0.00 min

Lab File: VU036530.D

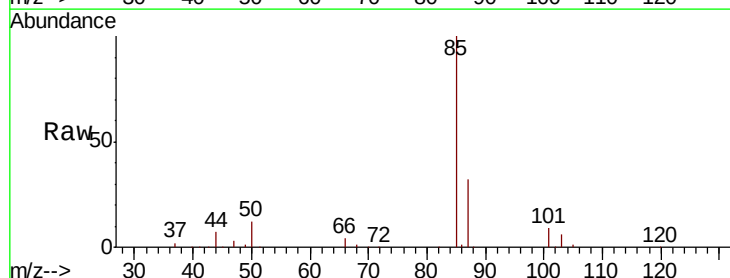
Acq: 22 Jan 2020 17:11

Tgt Ion: 85 Resp: 96582

Ion Ratio Lower Upper

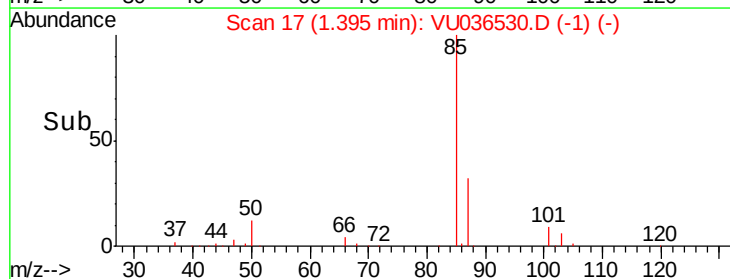
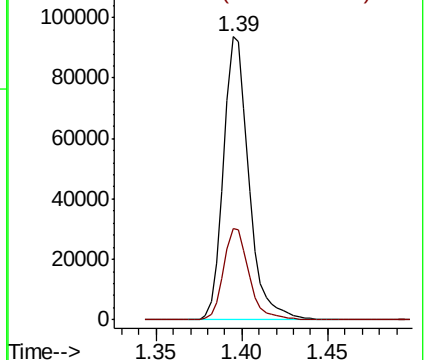
85 100

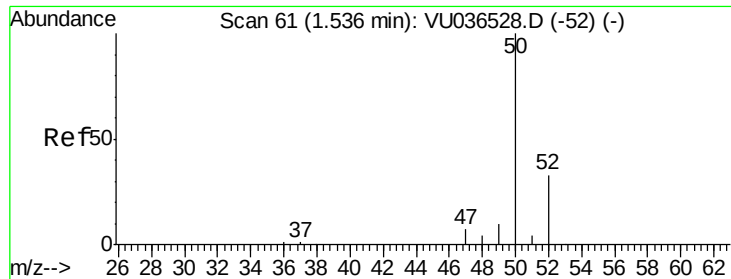
87 32.2 16.4 49.2



Abundance Ion 85.00 (84.70 to 85.70): VU036528.D (-9) (-)

Ion 87.00 (86.70 to 87.70): VU036528.D (-9) (-)

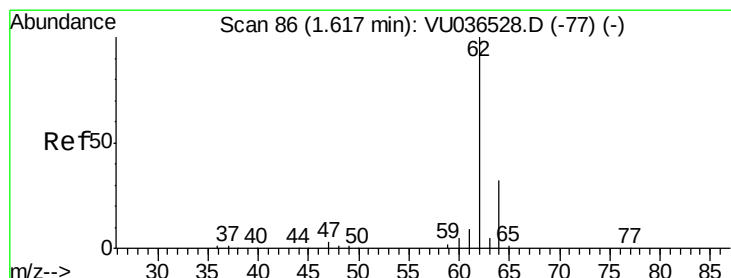
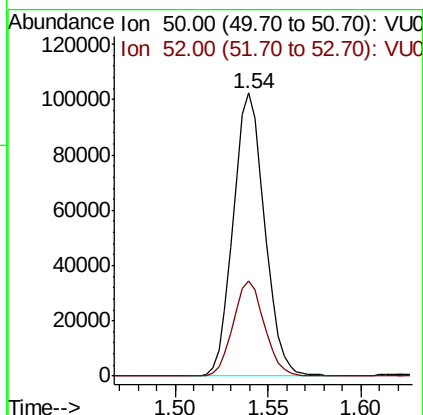
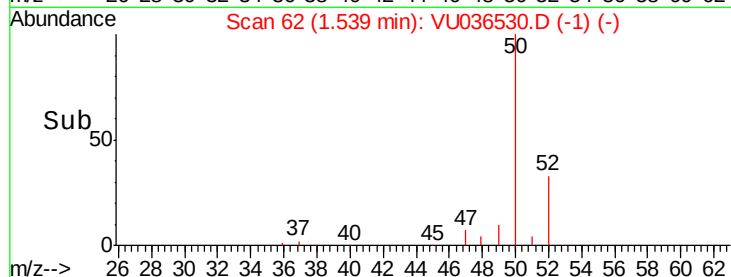
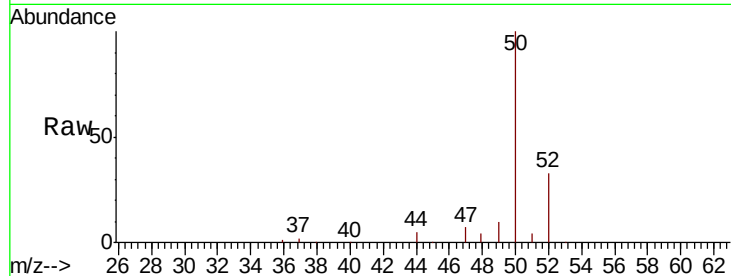




#3
Chloromethane
Concen: 9.418 ug/l
RT: 1.54 min Scan# 62
Delta R.T. 0.00 min
Lab File: VU036530.D
Acq: 22 Jan 2020 17:11

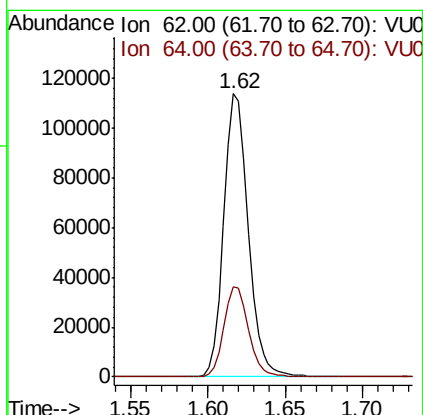
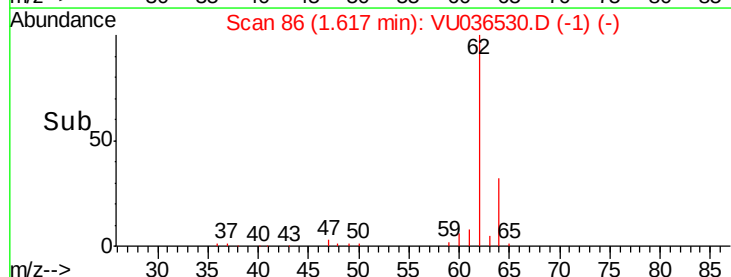
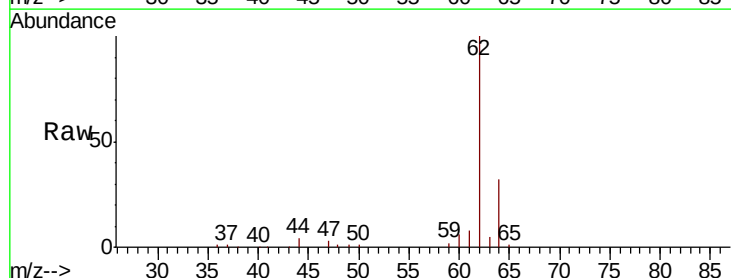
Instrument :
MSVOA_U
ClientSampled :

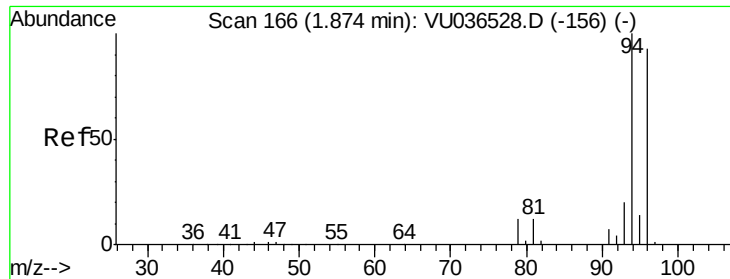
Tot Ion: 50 Resp: 120780
Ion Ratio Lower Upper
50 100
52 33.4 26.0 39.0



#4
Vinyl Chloride
Concen: 8.596 ug/l
RT: 1.62 min Scan# 86
Delta R.T. 0.00 min
Lab File: VU036530.D
Acq: 22 Jan 2020 17:11

Tgt Ion: 62 Resp: 124865
Ion Ratio Lower Upper
62 100
64 32.0 25.4 38.2

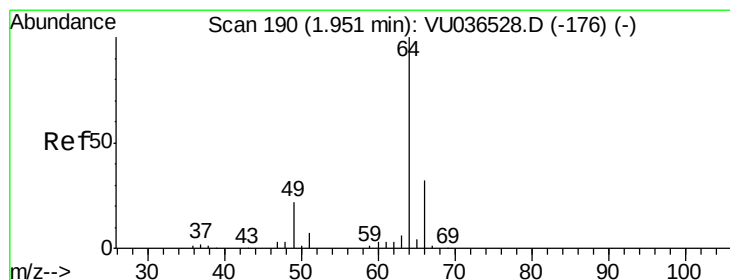
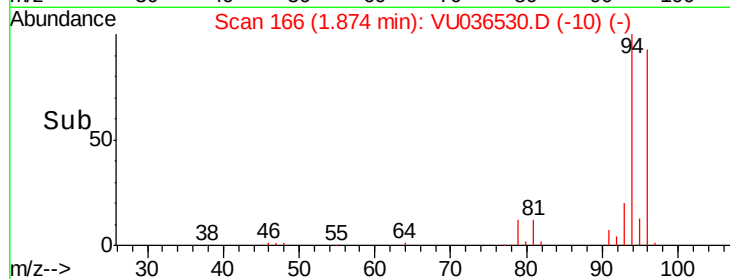
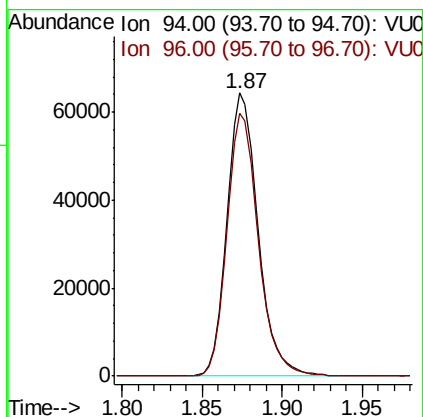
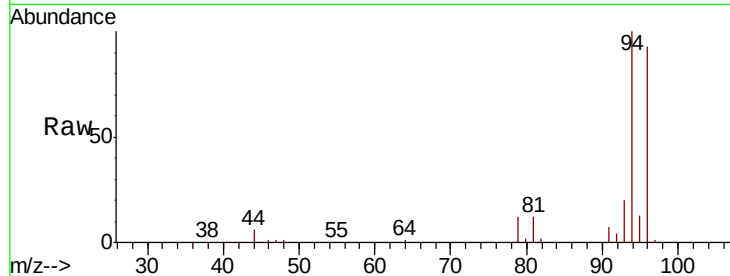




#5
Bromomethane
Concen: 9.386 ug/l
RT: 1.87 min Scan# 166
Delta R.T. 0.00 min
Lab File: VU036530.D
Acq: 22 Jan 2020 17:11

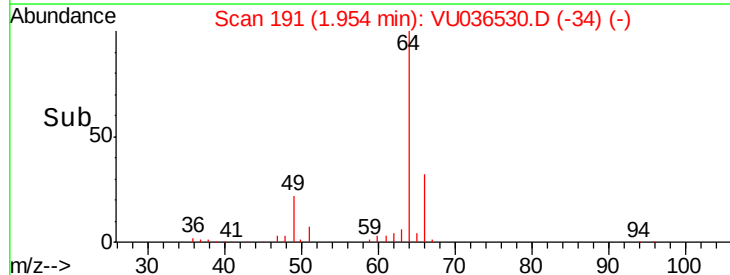
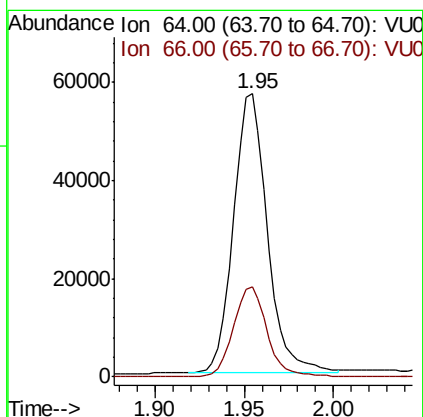
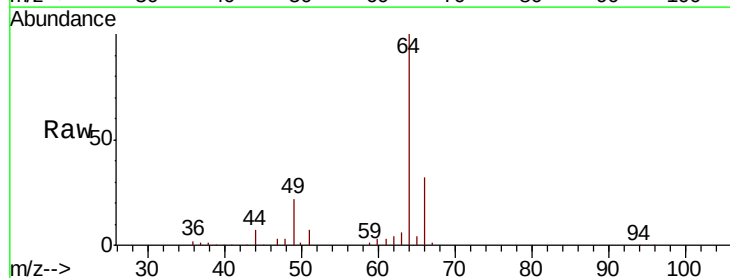
Instrument :
MSVOA_U
ClientSampleId :

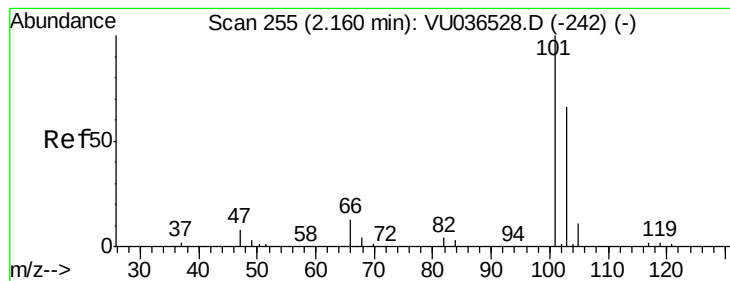
Tot Ion: 94 Resp: 84720
Ion Ratio Lower Upper
94 100
96 93.1 74.6 112.0



#6
Chloroethane
Concen: 8.767 ug/l
RT: 1.95 min Scan# 191
Delta R.T. 0.00 min
Lab File: VU036530.D
Acq: 22 Jan 2020 17:11

Tgt Ion: 64 Resp: 75441
Ion Ratio Lower Upper
64 100
66 32.1 25.5 38.3



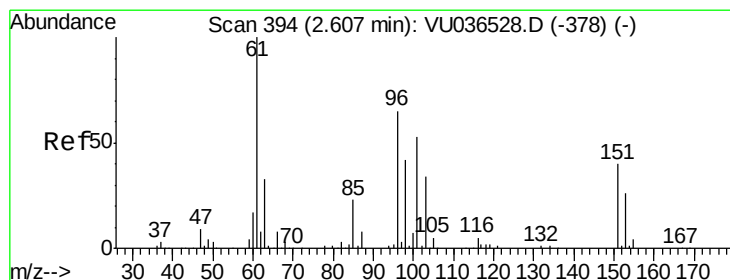
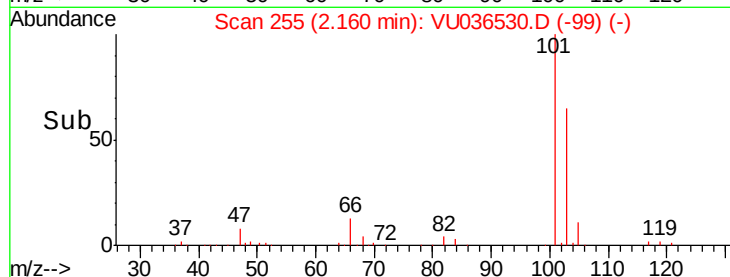
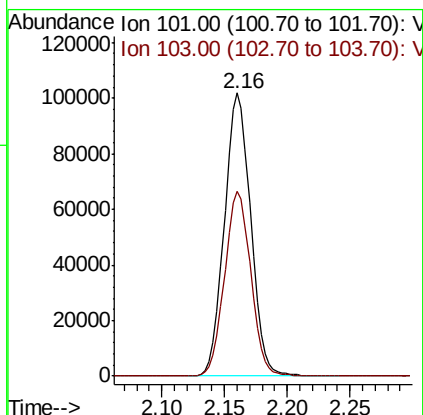
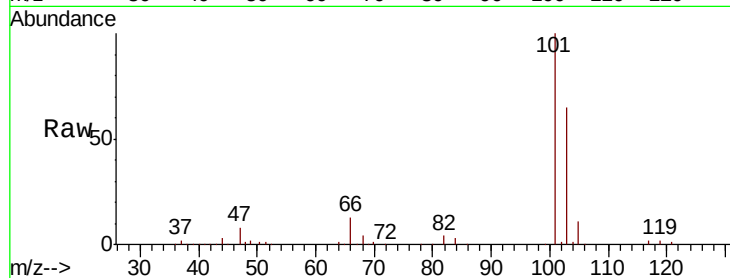


#7

Trichlorofluoromethane
Concen: 10.318 ug/l
RT: 2.16 min Scan# 255
Delta R.T. 0.00 min
Lab File: VU036530.D
Acq: 22 Jan 2020 17:11

Instrument :
MSVOA_U
ClientSampled :

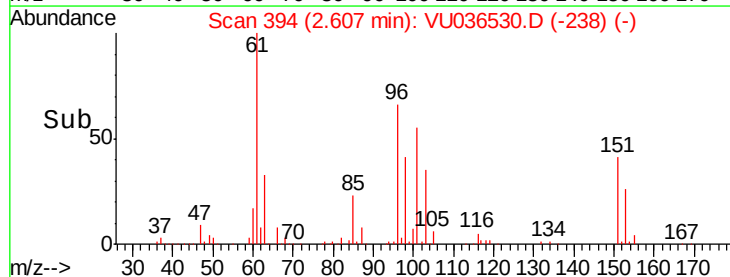
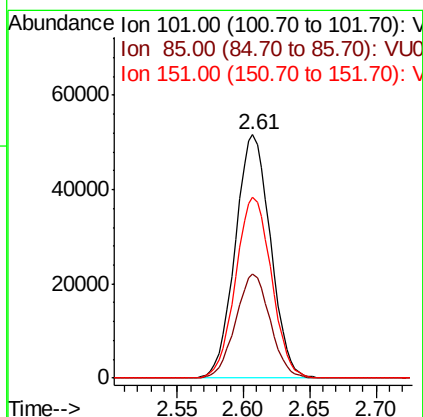
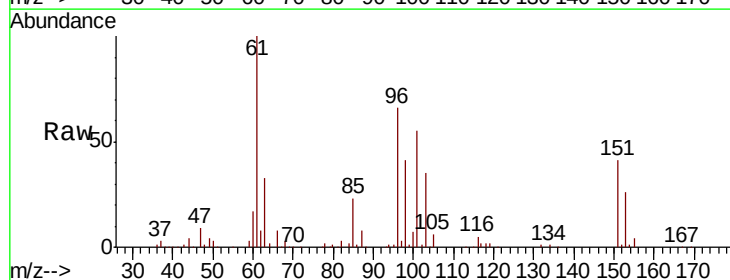
Tot Ion:101 Resp: 148079
Ion Ratio Lower Upper
101 100
103 65.4 53.0 79.6

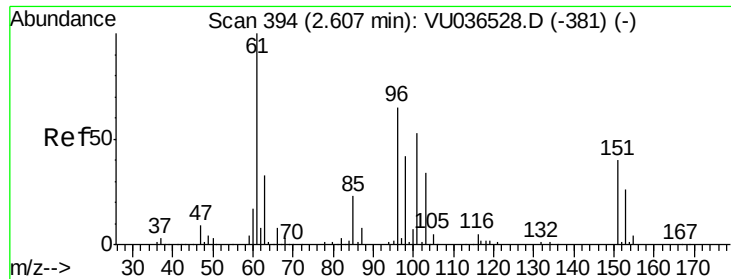


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 10.684 ug/l
RT: 2.61 min Scan# 394
Delta R.T. 0.00 min
Lab File: VU036530.D
Acq: 22 Jan 2020 17:11

Tgt Ion:101 Resp: 95522
Ion Ratio Lower Upper
101 100
85 41.8 33.9 50.9
151 75.4 59.8 89.8





#9

1,1-Dichloroethene

Concen: 10.516 ug/l

RT: 2.61 min Scan# 394

Delta R.T. 0.00 min

Lab File: VU036530.D

Acq: 22 Jan 2020 17:11

Instrument :

MSVOA_U

ClientSampleId :

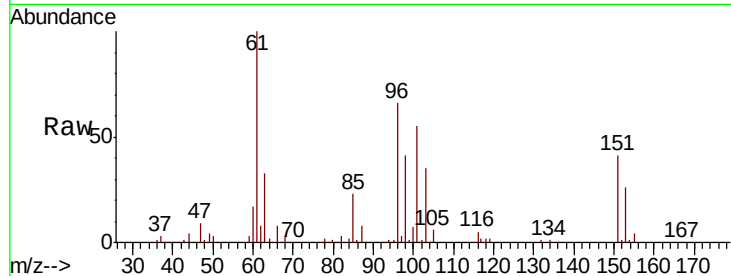
Tot Ion: 96 Resp: 100075

Ion Ratio Lower Upper

96 100

61 151.7 0.0 463.2

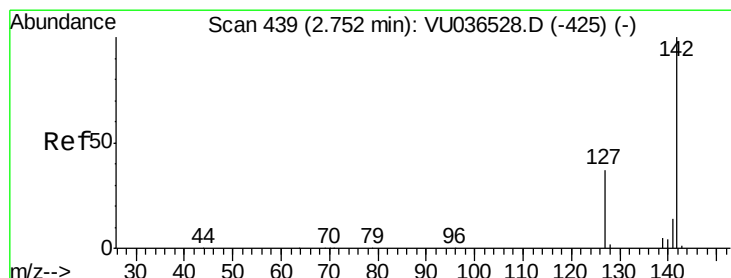
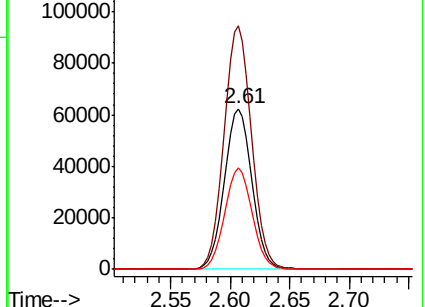
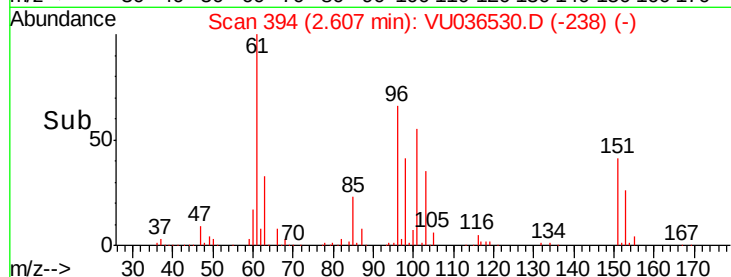
98 62.9 0.0 130.0



Abundance Ion 96.00 (95.70 to 96.70): VU036530.D (-238) (-)

Ion 61.00 (60.70 to 61.70): VU036530.D (-238) (-)

Ion 98.00 (97.70 to 98.70): VU036530.D (-238) (-)



#10

Iodomethane

Concen: 9.091 ug/l

RT: 2.75 min Scan# 439

Delta R.T. 0.00 min

Lab File: VU036530.D

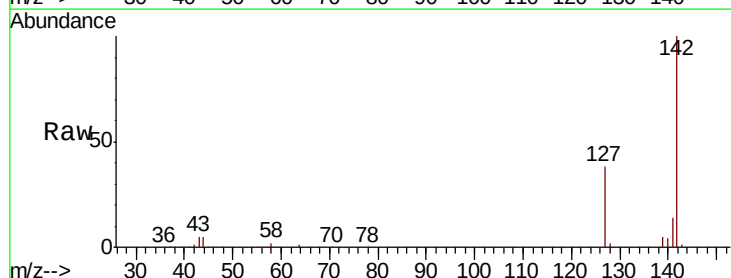
Acq: 22 Jan 2020 17:11

Tgt Ion:142 Resp: 117713

Ion Ratio Lower Upper

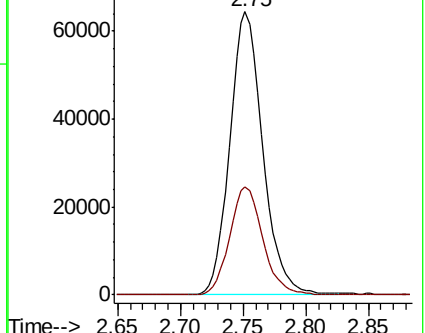
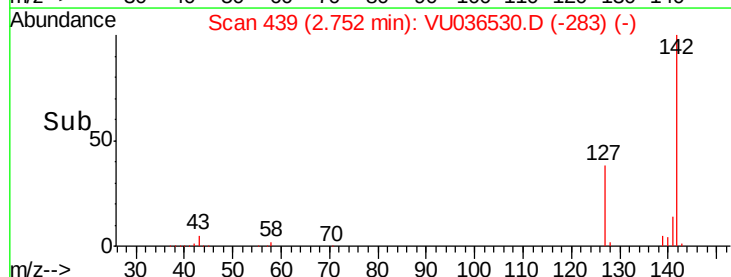
142 100

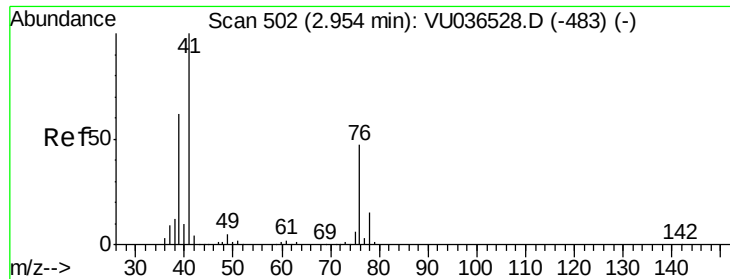
127 38.5 30.3 45.5



Abundance Ion 142.00 (141.70 to 142.70): VU036530.D (-283) (-)

Ion 127.00 (126.70 to 127.70): VU036530.D (-283) (-)

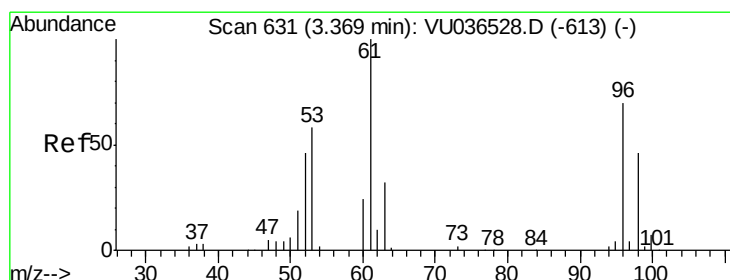
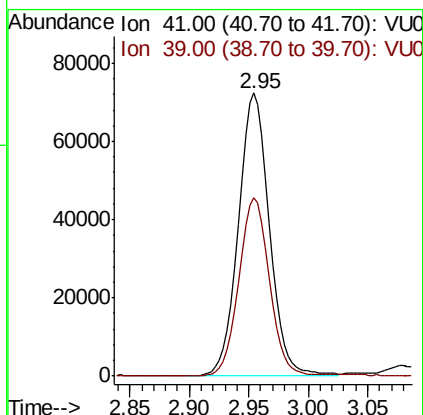
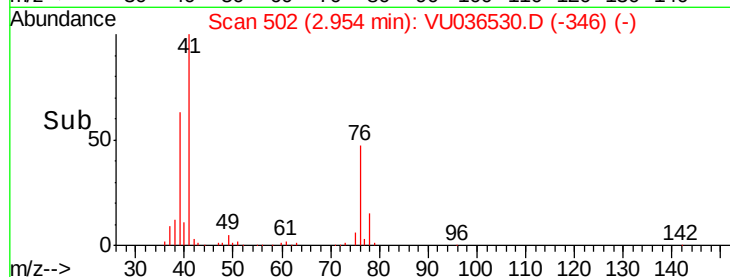
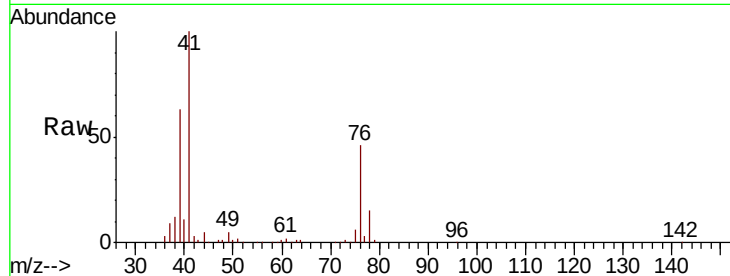




#11
Allvl Chloride
Concen: 9.846 ug/l
RT: 2.95 min Scan# 502
Delta R.T. 0.00 min
Lab File: VU036530.D
Acq: 22 Jan 2020 17:11

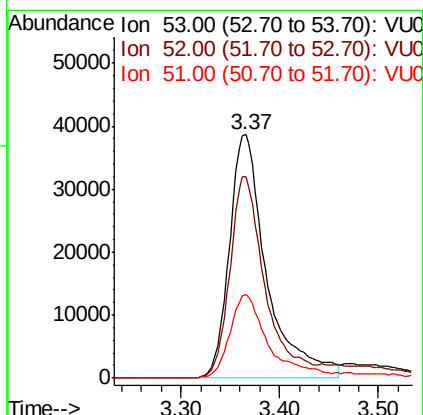
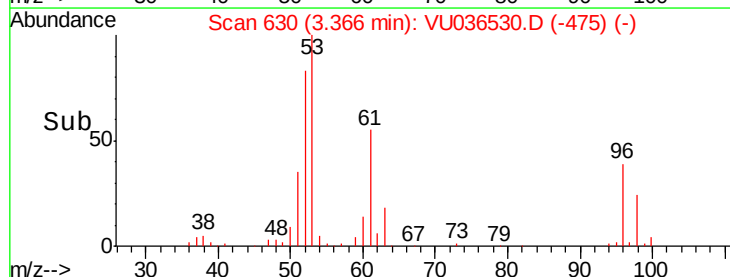
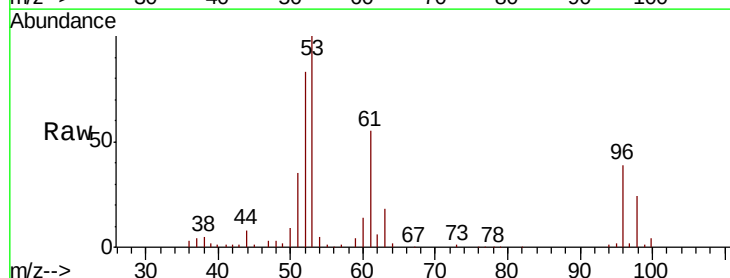
Instrument :
MSVOA_U
ClientSampleId :

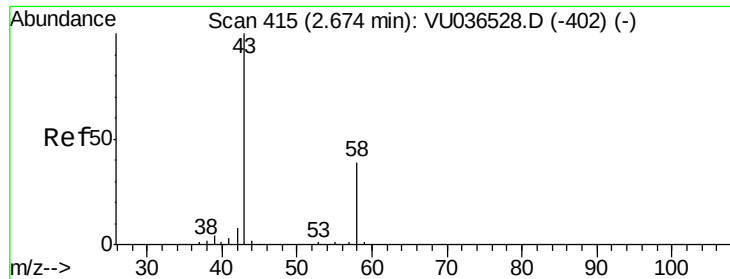
Tot Ion: 41 Resp: 129550
Ion Ratio Lower Upper
41 100
39 62.0 50.7 76.1



#12
Acrylonitrile
Concen: 43.787 ug/l
RT: 3.37 min Scan# 630
Delta R.T. -0.00 min
Lab File: VU036530.D
Acq: 22 Jan 2020 17:11

Tgt Ion: 53 Resp: 102206
Ion Ratio Lower Upper
53 100
52 77.9 64.6 97.0
51 35.4 27.2 40.8





#13

Acetone

Concen: 59.428 ug/l

RT: 2.67 min Scan# 413

Delta R.T. -0.01 min

Lab File: VU036530.D

Acq: 22 Jan 2020 17:11

Instrument :

MSVOA_U

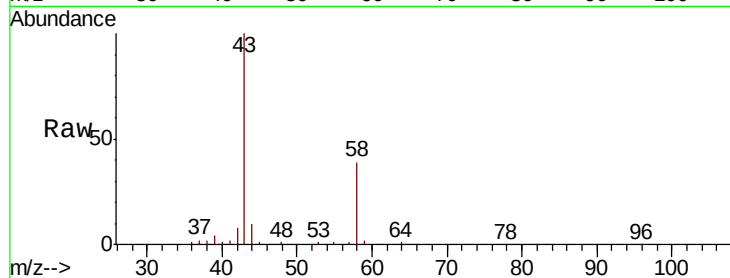
ClientSampleId :

Tot Ion: 43 Resp: 93498

Ion Ratio Lower Upper

43 100

58 38.5 30.8 46.2



Abundance Ion 43.00 (42.70 to 43.70): VU036528.D (-402) (-)

Ion 58.00 (57.70 to 58.70): VU036528.D (-402) (-)

2.67

40000

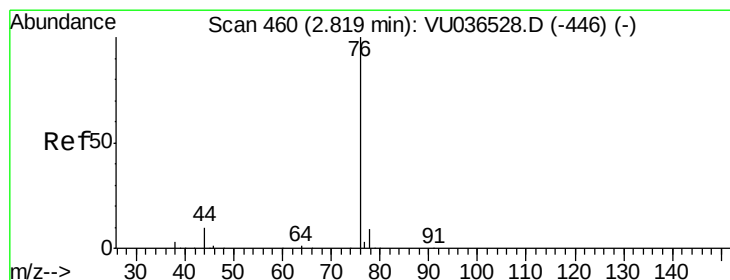
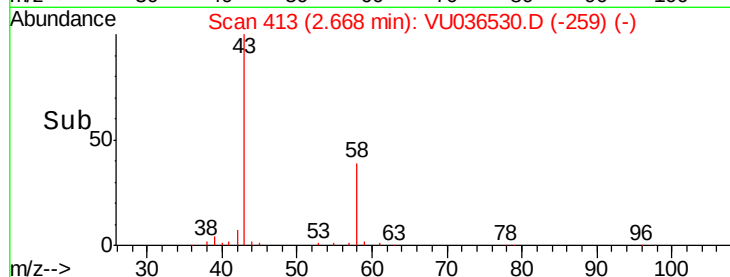
30000

20000

10000

0

Time-->



#14

Carbon Disulfide

Concen: 9.925 ug/l

RT: 2.82 min Scan# 460

Delta R.T. 0.00 min

Lab File: VU036530.D

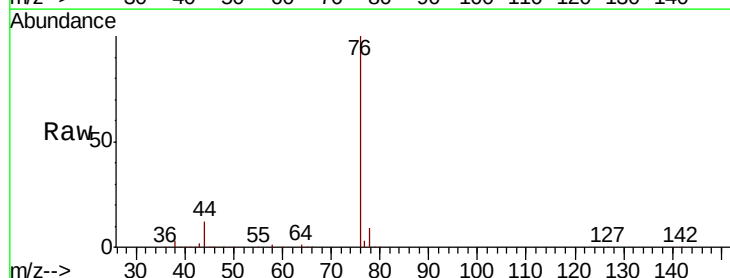
Acq: 22 Jan 2020 17:11

Tgt Ion: 76 Resp: 327102

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.0



Abundance Ion 76.00 (75.70 to 76.70): VU036528.D (-446) (-)

Ion 78.00 (77.70 to 78.70): VU036528.D (-446) (-)

2.82

200000

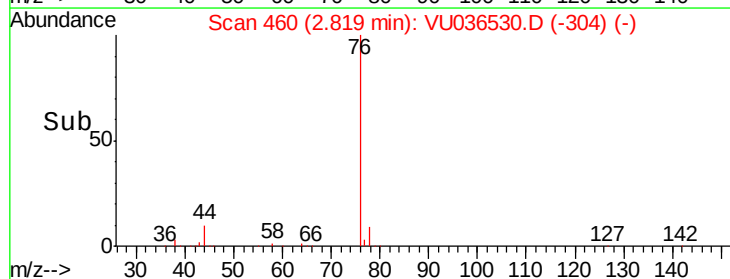
150000

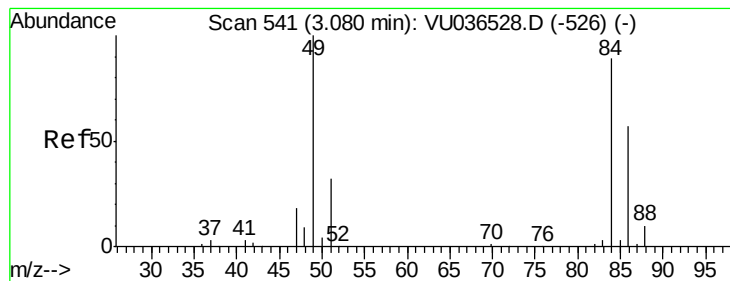
100000

50000

0

Time-->





#15

Methylene Chloride

Concen: 8.788 ug/l

RT: 3.08 min Scan# 541

Delta R.T. 0.00 min

Lab File: VU036530.D

Acq: 22 Jan 2020 17:11

Instrument :

MSVOA_U

ClientSampled :

Tot Ion: 84 Resp: 110152

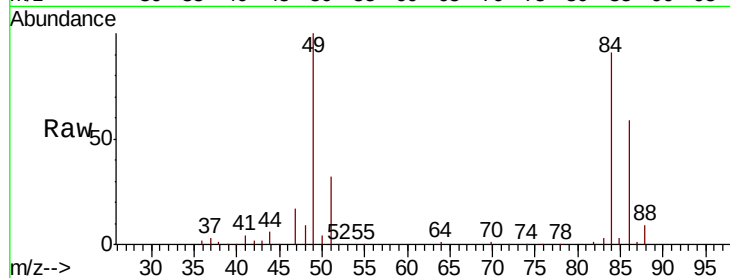
Ion Ratio Lower Upper

84 100

49 109.3 89.7 134.5

51 35.4 0.0 71.6

86 64.8 51.4 77.2

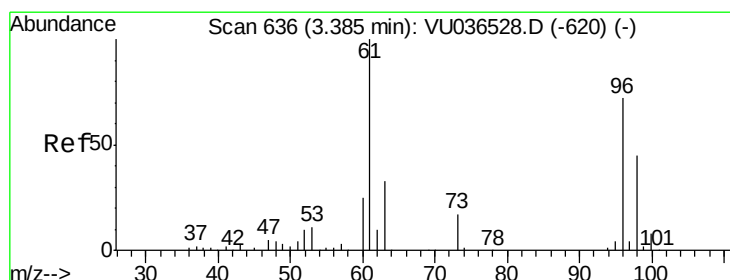
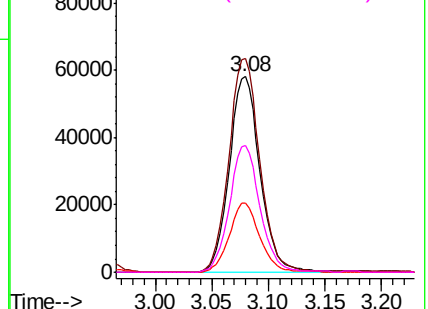
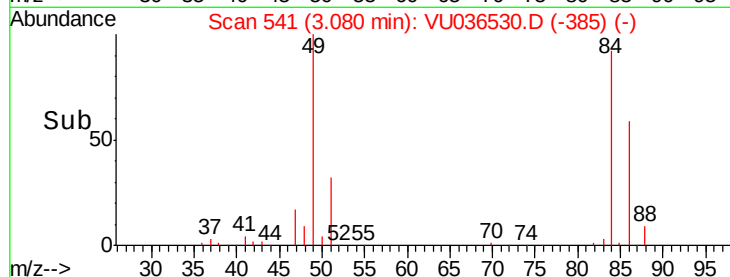


Abundance Ion 84.00 (83.70 to 84.70): VU036530.D (-385) (-)

Ion 49.00 (48.70 to 49.70): VU036530.D (-385) (-)

Ion 51.00 (50.70 to 51.70): VU036530.D (-385) (-)

Ion 86.00 (85.70 to 86.70): VU036530.D (-385) (-)



#16

trans-1,2-Dichloroethene

Concen: 10.331 ug/l

RT: 3.39 min Scan# 636

Delta R.T. 0.00 min

Lab File: VU036530.D

Acq: 22 Jan 2020 17:11

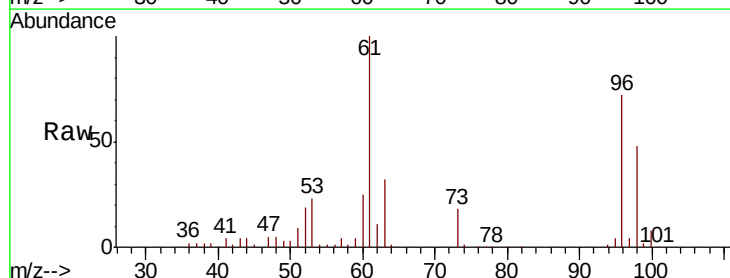
Tgt Ion: 96 Resp: 108451

Ion Ratio Lower Upper

96 100

61 139.4 110.8 166.2

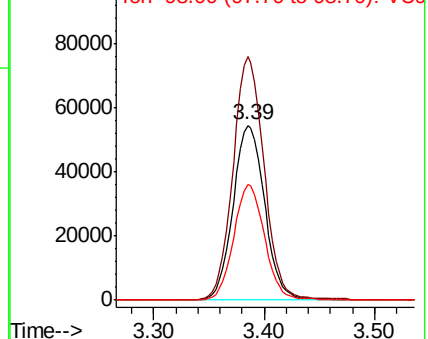
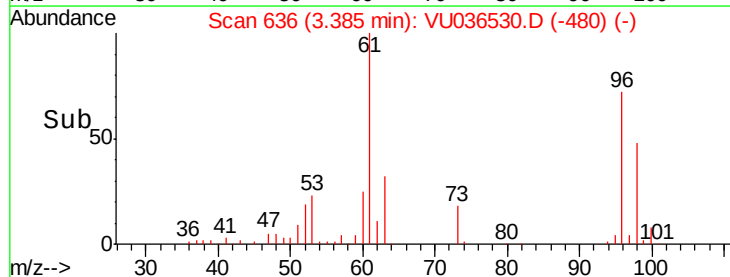
98 66.3 50.3 75.5

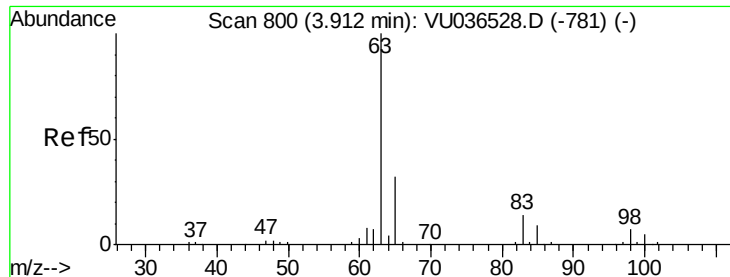


Abundance Ion 96.00 (95.70 to 96.70): VU036530.D (-480) (-)

Ion 61.00 (60.70 to 61.70): VU036530.D (-480) (-)

Ion 98.00 (97.70 to 98.70): VU036530.D (-480) (-)

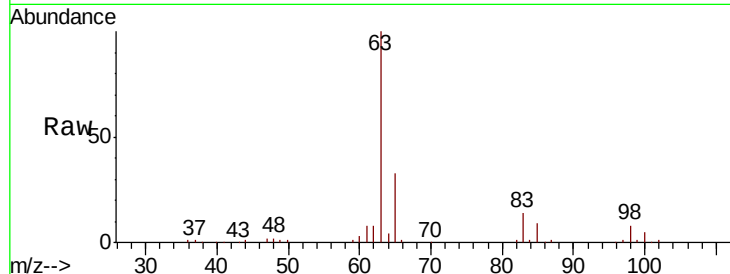




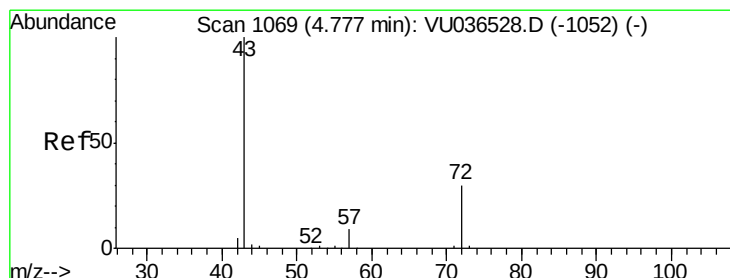
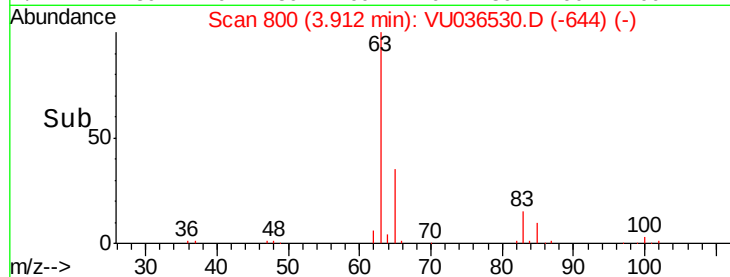
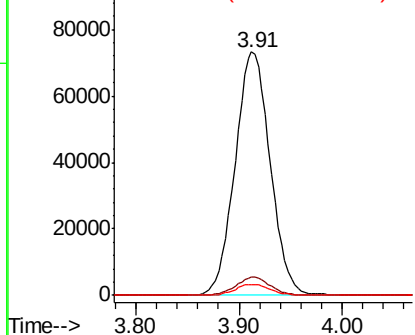
#17
 1,1-Dichloroethane
 Concen: 10.142 ug/l
 RT: 3.91 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: VU036530.D
 Acq: 22 Jan 2020 17:11

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion: 63 Resp: 173508
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.5 10.5
 100 4.6 2.4 7.1

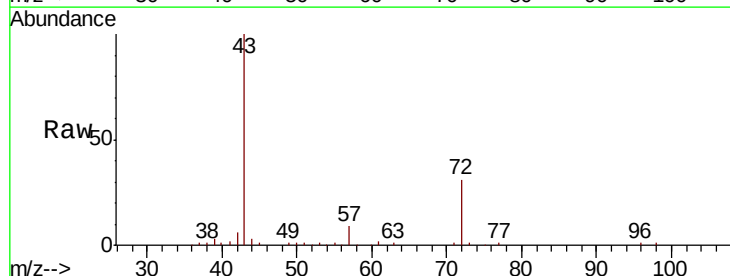


Abundance Ion 63.00 (62.70 to 63.70): VU0
 Ion 98.00 (97.70 to 98.70): VU0
 Ion 100.00 (99.70 to 100.70): VU0

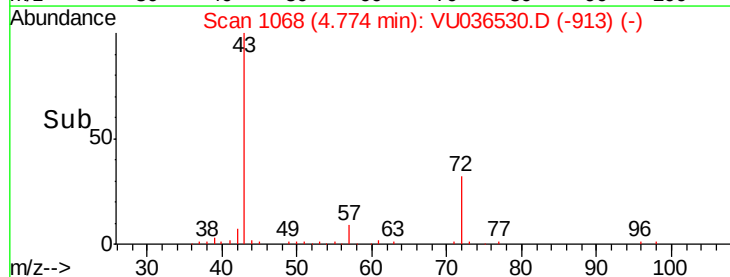
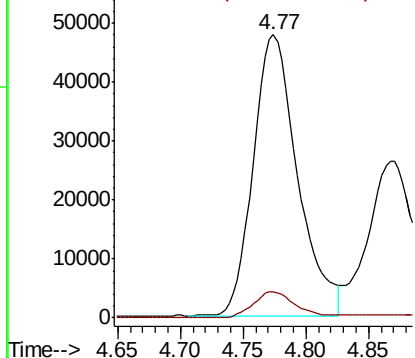


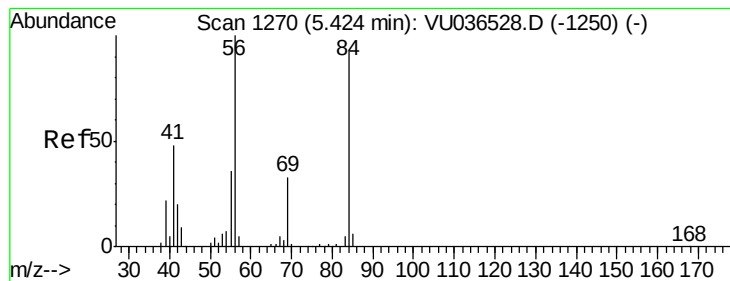
#18
 2-Butanone
 Concen: 46.842 ug/l
 RT: 4.77 min Scan# 1068
 Delta R.T. -0.00 min
 Lab File: VU036530.D
 Acq: 22 Jan 2020 17:11

Tgt Ion: 43 Resp: 117386
 Ion Ratio Lower Upper
 43 100
 57 9.2 0.0 17.8



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





#19

Cyclohexane

Concen: 9.401 ug/l

RT: 5.42 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VU036530.D

Acq: 22 Jan 2020 17:11

Instrument :

MSVOA_U

ClientSampled :

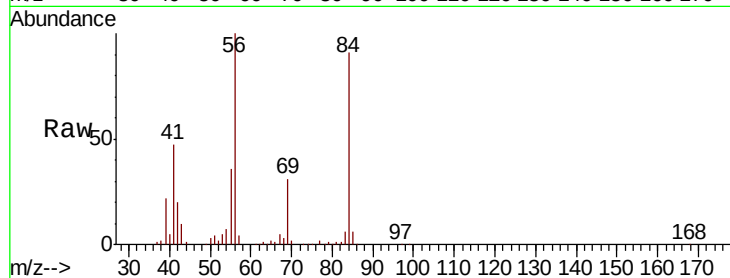
Tot Ion: 56 Resp: 146992

Ion Ratio Lower Upper

56 100

69 35.4 26.2 39.2

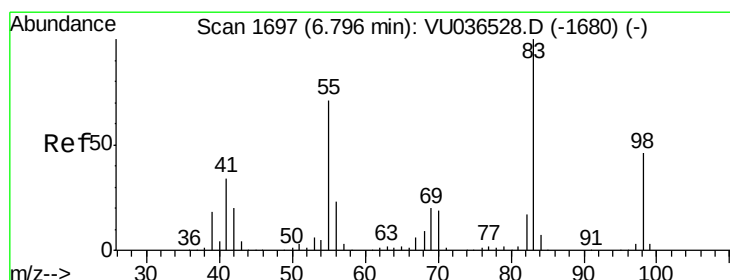
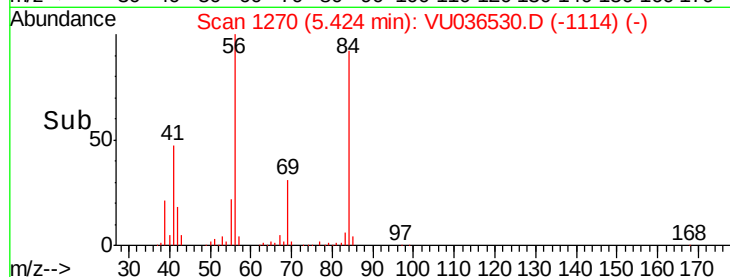
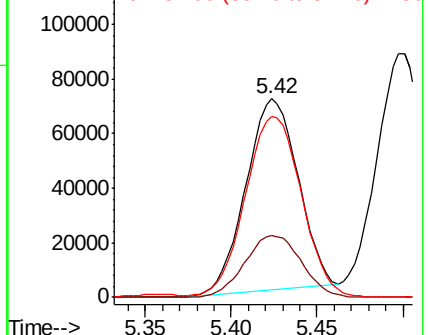
84 100.9 72.8 109.2



Abundance Ion 56.00 (55.70 to 56.70): VU036530.D (-1114) (-)

Ion 69.00 (68.70 to 69.70): VU036530.D (-1114) (-)

Ion 84.00 (83.70 to 84.70): VU036530.D (-1114) (-)



#20

Methylcyclohexane

Concen: 10.571 ug/l

RT: 6.79 min Scan# 1696

Delta R.T. -0.00 min

Lab File: VU036530.D

Acq: 22 Jan 2020 17:11

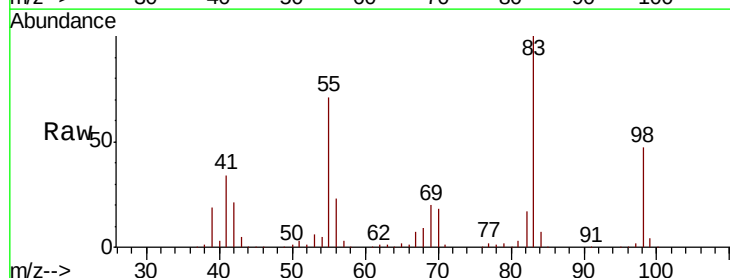
Tgt Ion: 83 Resp: 184546

Ion Ratio Lower Upper

83 100

55 70.9 56.6 85.0

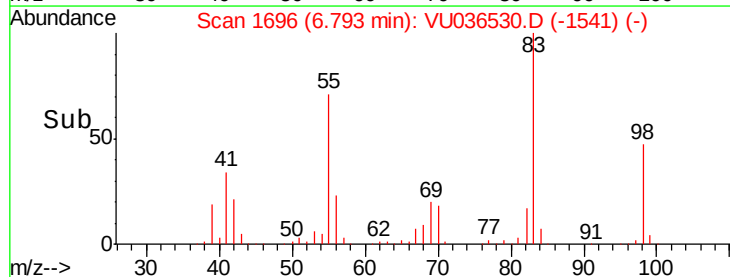
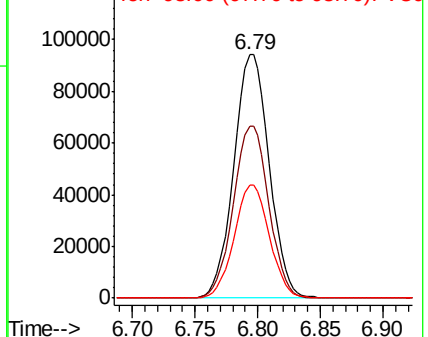
98 46.4 37.5 56.3

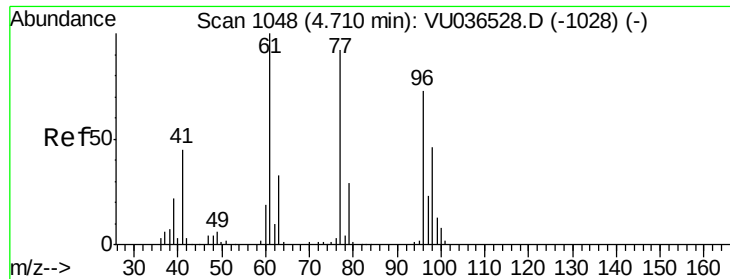


Abundance Ion 83.00 (82.70 to 83.70): VU036530.D (-1541) (-)

Ion 55.00 (54.70 to 55.70): VU036530.D (-1541) (-)

Ion 98.00 (97.70 to 98.70): VU036530.D (-1541) (-)

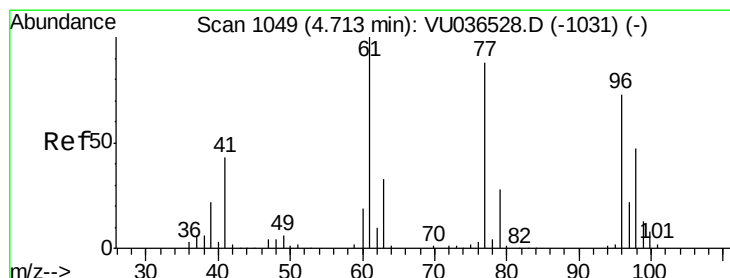
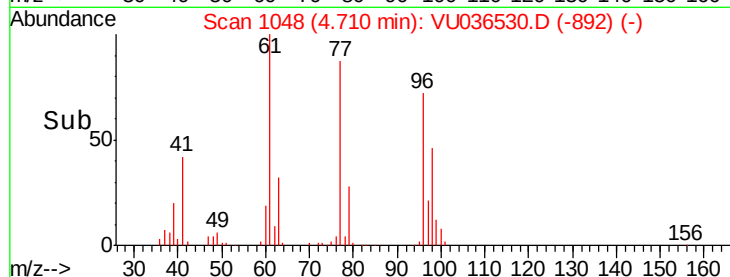
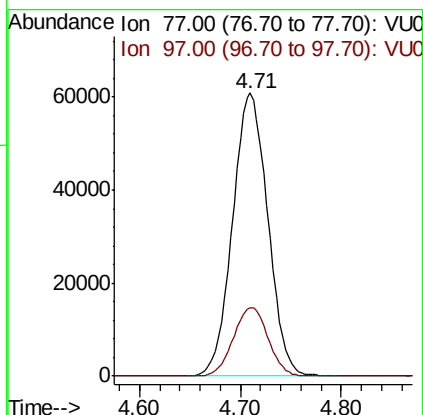
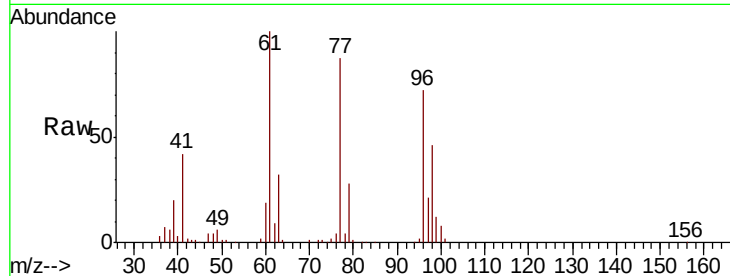




#21
 2,2-Dichloropropane
 Concen: 10.082 ug/l
 RT: 4.71 min Scan# 1048
 Delta R.T. 0.00 min
 Lab File: VU036530.D
 Acq: 22 Jan 2020 17:11

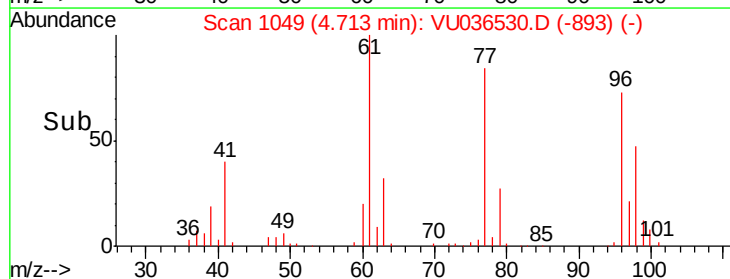
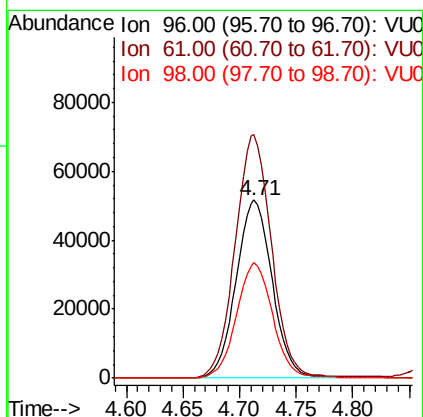
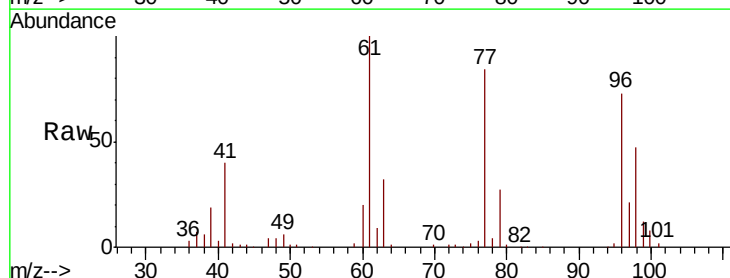
Instrument :
 MSVOA_U
 ClientSampleId :

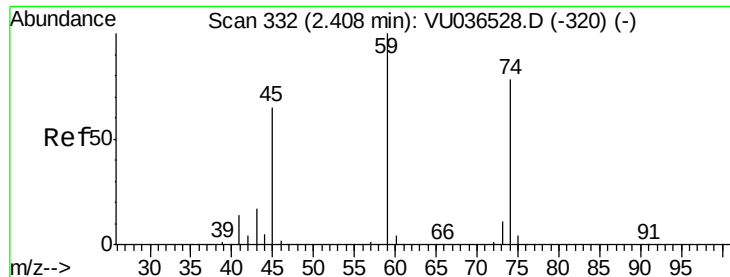
Tot Ion: 77 Resp: 147234
 Ion Ratio Lower Upper
 77 100
 97 24.0 19.0 28.4



#22
 cis-1,2-Dichloroethene
 Concen: 10.569 ug/l
 RT: 4.71 min Scan# 1049
 Delta R.T. 0.00 min
 Lab File: VU036530.D
 Acq: 22 Jan 2020 17:11

Tgt Ion: 96 Resp: 115115
 Ion Ratio Lower Upper
 96 100
 61 138.0 0.0 342.0
 98 65.0 32.0 96.0

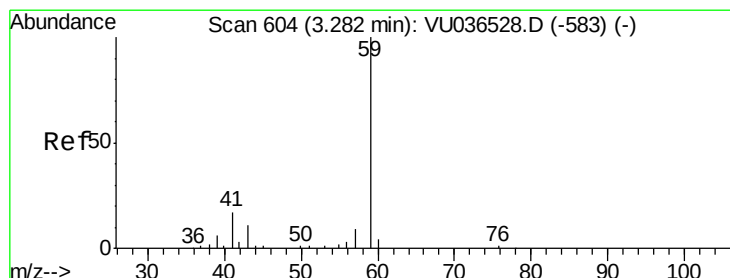
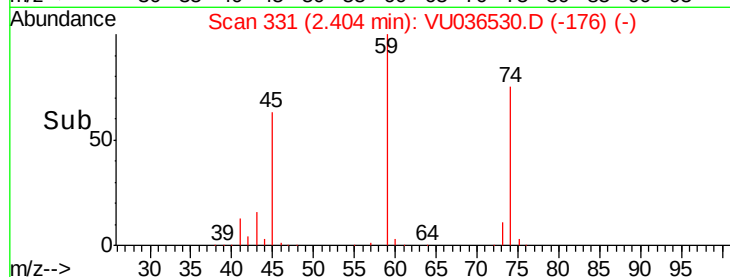
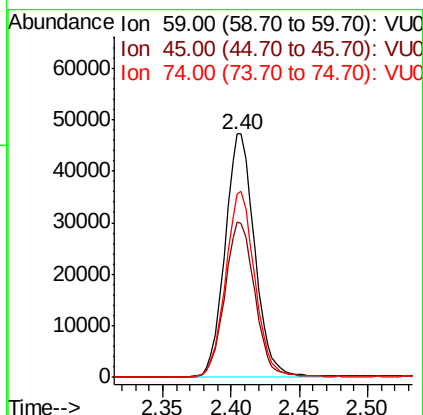
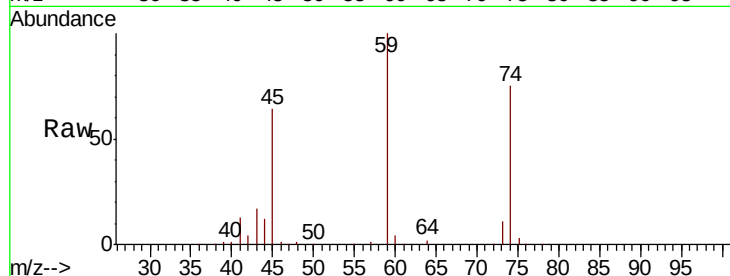




#23
Diethyl Ether
Concen: 9.751 ug/l
RT: 2.40 min Scan# 331
Delta R.T. -0.00 min
Lab File: VU036530.D
Acq: 22 Jan 2020 17:11

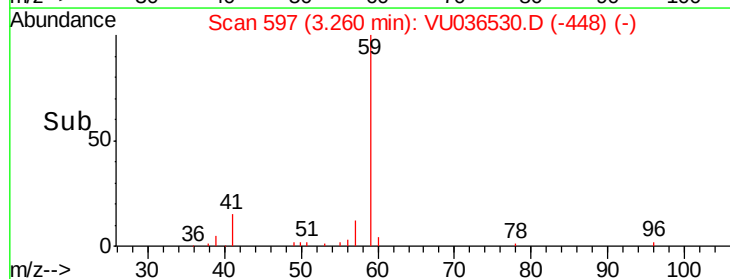
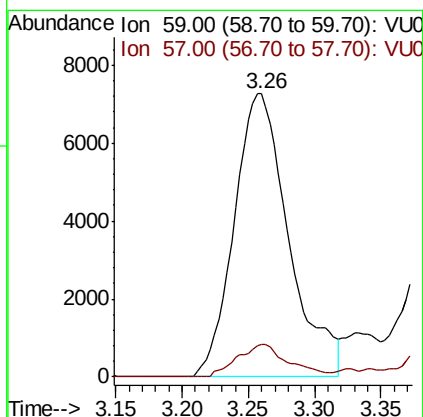
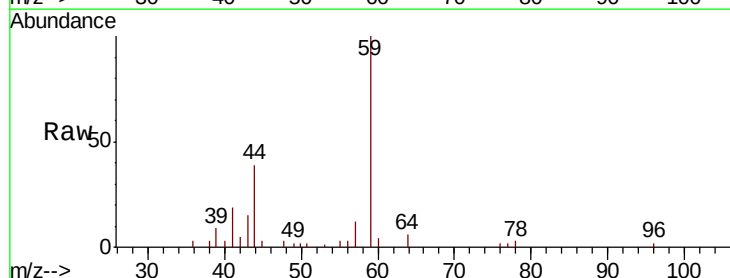
Instrument :
MSVOA_U
ClientSampleId :

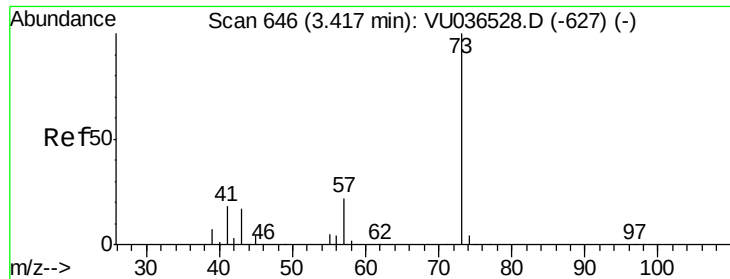
Tot Ion: 59 Resp: 71684
Ion Ratio Lower Upper
59 100
45 64.2 52.4 78.6
74 75.4 62.1 93.1



#24
tert-Butyl Alcohol
Concen: 31.761 ug/l
RT: 3.26 min Scan# 597
Delta R.T. -0.02 min
Lab File: VU036530.D
Acq: 22 Jan 2020 17:11

Tgt Ion: 59 Resp: 20867
Ion Ratio Lower Upper
59 100
57 10.8 8.4 12.6



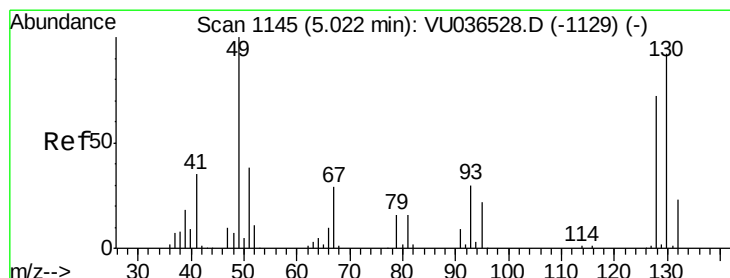
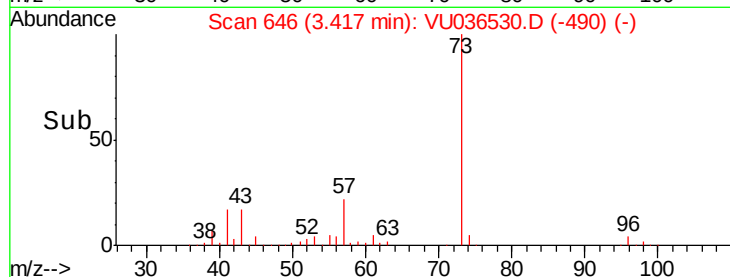
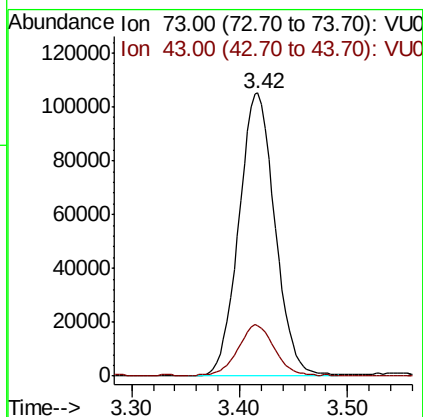
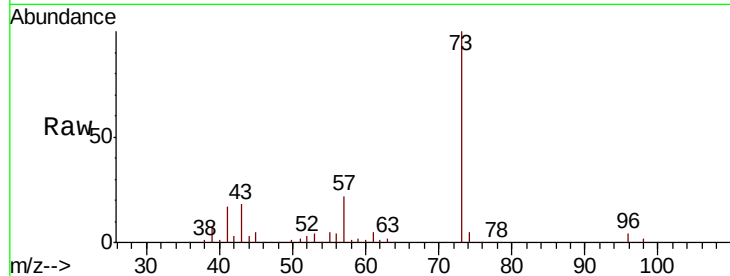


#25

Methyl tert-Butyl Ether
 Concen: 9.821 ug/l
 RT: 3.42 min Scan# 646
 Delta R.T. 0.00 min
 Lab File: VU036530.D
 Acq: 22 Jan 2020 17:11

Instrument :
 MSVOA_U
 ClientSampled :

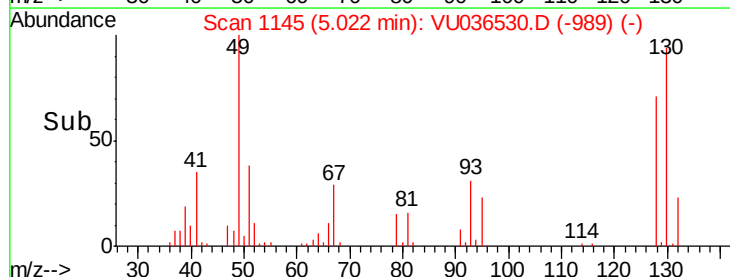
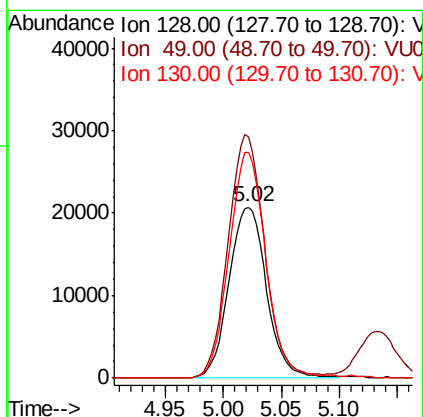
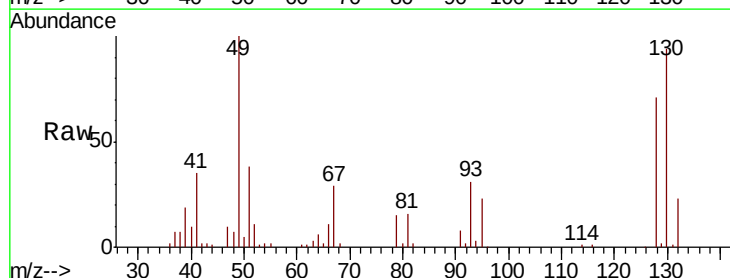
Tot Ion: 73 Resp: 244905
 Ion Ratio Lower Upper
 73 100
 43 17.6 14.5 21.7

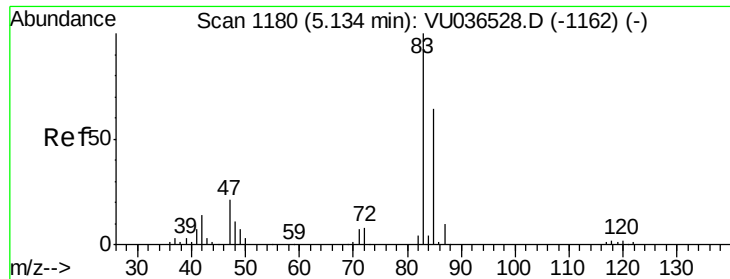


#26

Bromochloromethane
 Concen: 9.865 ug/l
 RT: 5.02 min Scan# 1145
 Delta R.T. 0.00 min
 Lab File: VU036530.D
 Acq: 22 Jan 2020 17:11

Tgt Ion: 128 Resp: 46536
 Ion Ratio Lower Upper
 128 100
 49 138.4 0.0 286.2
 130 129.1 104.3 156.5

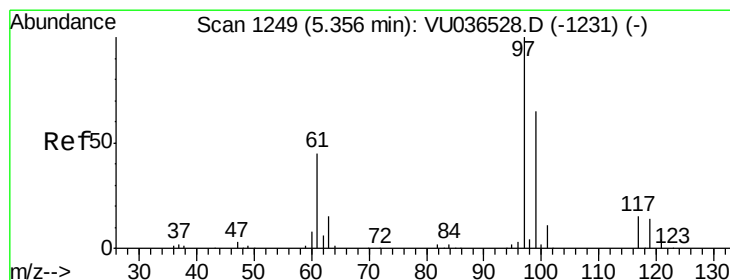
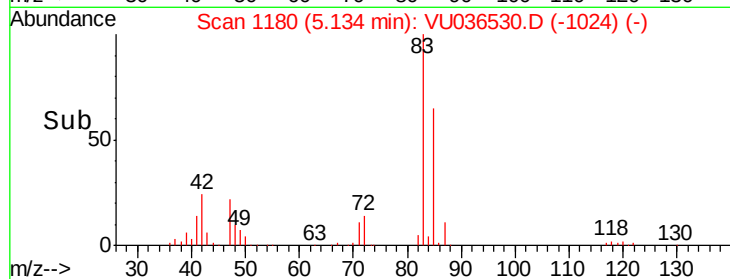
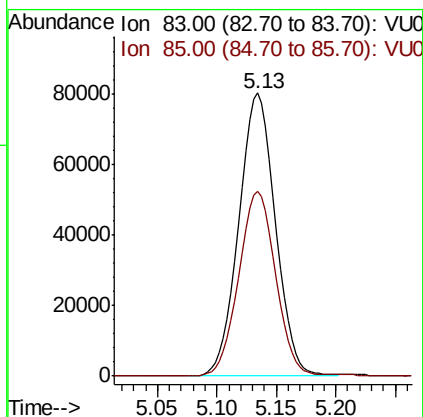
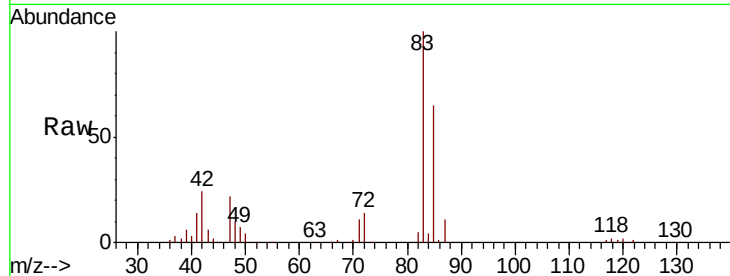




#27
 Chloroform
 Concen: 10.140 ug/l
 RT: 5.13 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VU036530.D
 Acq: 22 Jan 2020 17:11

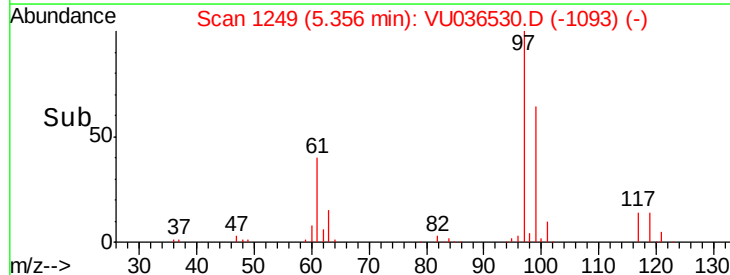
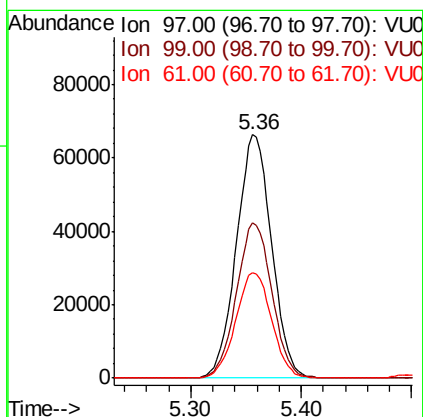
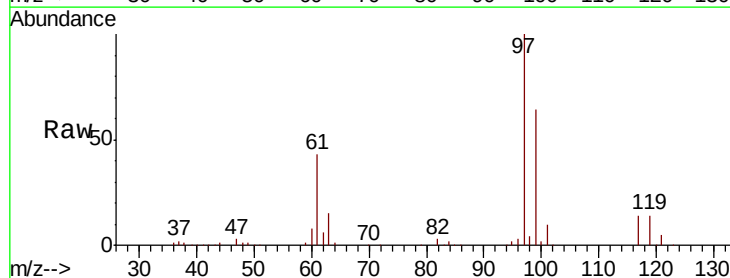
Instrument :
 MSVOA_U
 ClientSampleId :

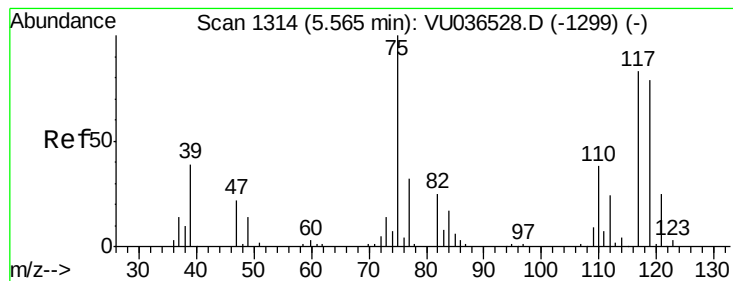
Tot Ion: 83 Resp: 171579
 Ion Ratio Lower Upper
 83 100
 85 65.4 0.0 129.0



#28
 1,1,1-Trichloroethane
 Concen: 10.328 ug/l
 RT: 5.36 min Scan# 1249
 Delta R.T. 0.00 min
 Lab File: VU036530.D
 Acq: 22 Jan 2020 17:11

Tgt Ion: 97 Resp: 146546
 Ion Ratio Lower Upper
 97 100
 99 64.5 32.1 96.3
 61 44.3 22.7 68.0





#29

1,1-Dichloropropene

Concen: 10.135 ug/l

RT: 5.57 min Scan# 1314

Delta R.T. 0.00 min

Lab File: VU036530.D

Acq: 22 Jan 2020 17:11

Instrument :

MSVOA_U

ClientSampled :

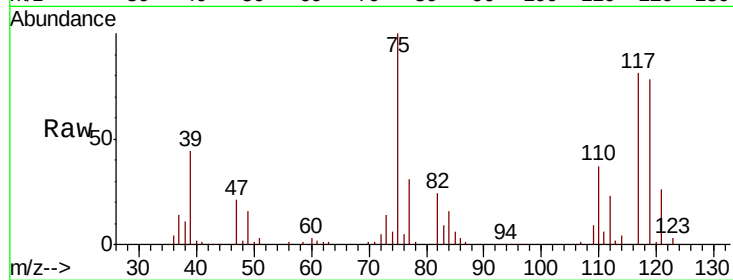
Tot Ion: 75 Resp: 140347

Ion Ratio Lower Upper

75 100

110 36.9 18.6 55.8

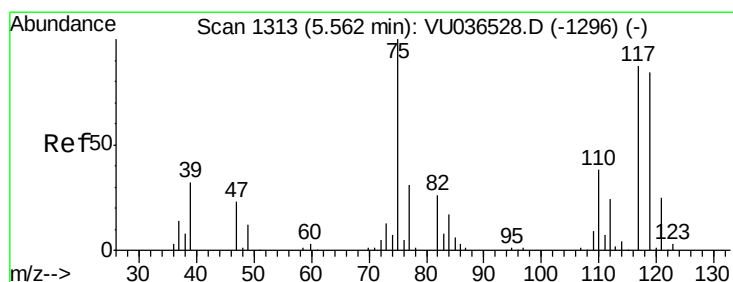
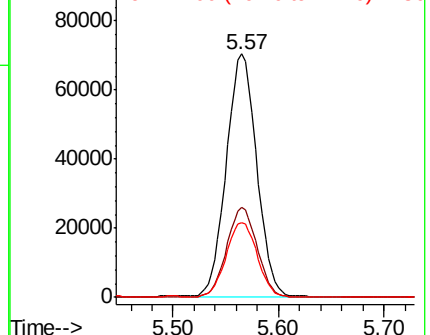
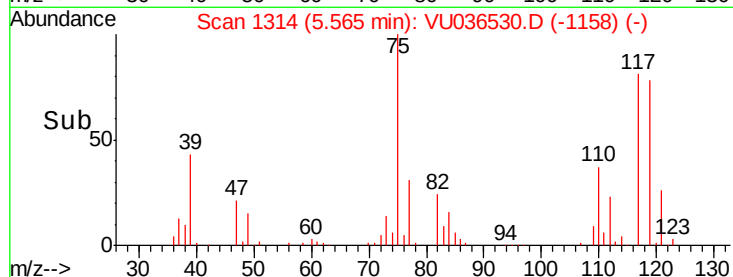
77 30.9 25.0 37.4



Abundance Ion 75.00 (74.70 to 75.70): VU036530.D (-1158) (-)

Ion 110.00 (109.70 to 110.70): VU036530.D (-1158) (-)

Ion 77.00 (76.70 to 77.70): VU036530.D (-1158) (-)



#30

Carbon Tetrachloride

Concen: 10.266 ug/l

RT: 5.56 min Scan# 1313

Delta R.T. 0.00 min

Lab File: VU036530.D

Acq: 22 Jan 2020 17:11

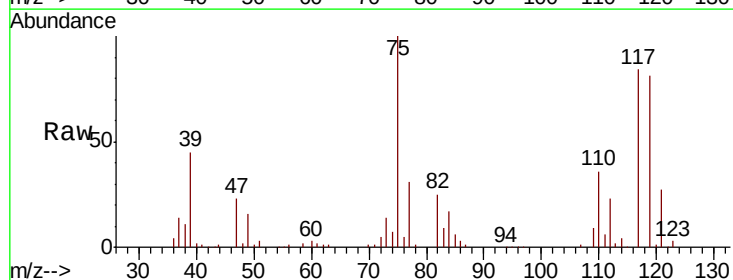
Tgt Ion: 117 Resp: 124724

Ion Ratio Lower Upper

117 100

119 97.0 77.0 115.6

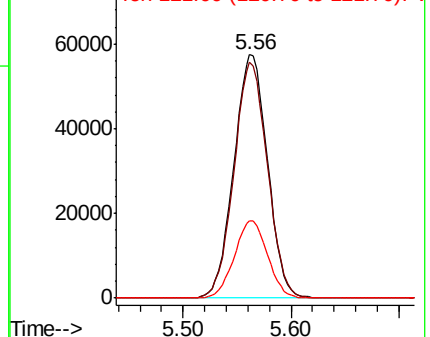
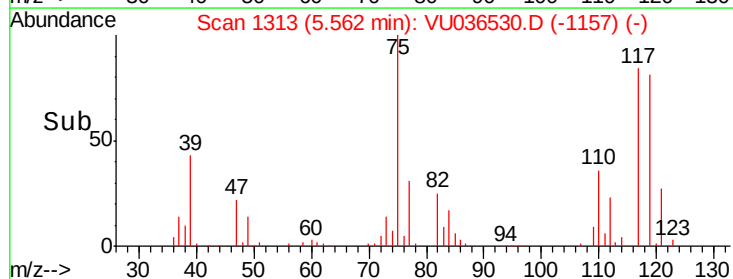
121 31.8 23.3 34.9

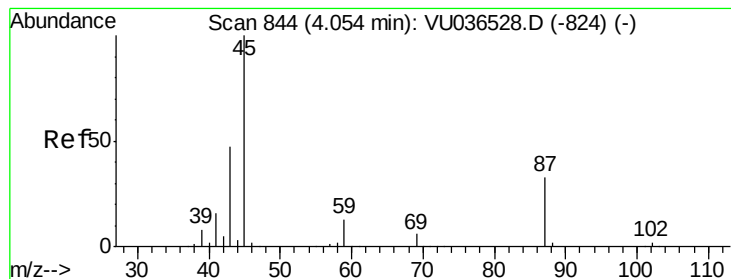


Abundance Ion 117.00 (116.70 to 117.70): VU036530.D (-1157) (-)

Ion 119.00 (118.70 to 119.70): VU036530.D (-1157) (-)

Ion 121.00 (120.70 to 121.70): VU036530.D (-1157) (-)





#31

Isopropyl Ether

Concen: 10.288 ug/l

RT: 4.05 min Scan# 844

Delta R.T. 0.00 min

Lab File: VU036530.D

Acq: 22 Jan 2020 17:11

Instrument :

MSVOA_U

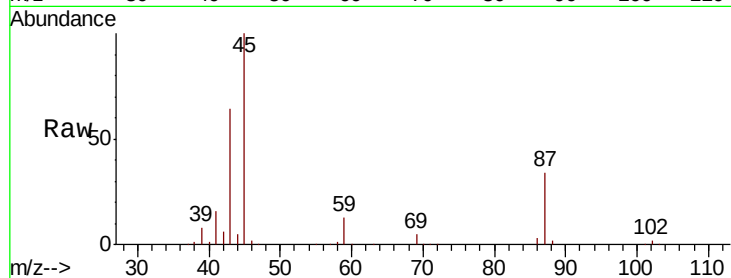
ClientSampleId :

Tot Ion: 45 Resp: 267160

Ion Ratio Lower Upper

45 100

43 263.7 24.0 72.0#



Abundance Ion 45.00 (44.70 to 45.70): VU036528.D (-824) (-)

Ion 43.00 (42.70 to 43.70): VU036528.D (-824) (-)

250000

200000

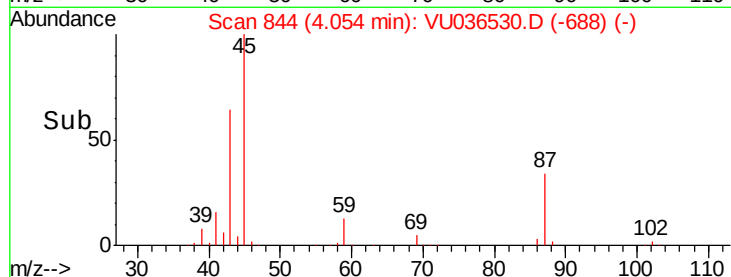
150000

100000

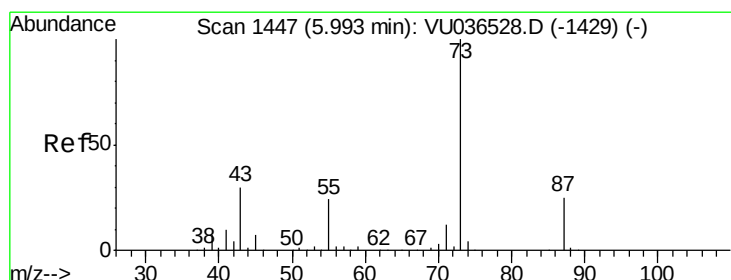
50000

0

Time-->



Time-->



#33

Tert-Amyl methyl ether

Concen: 0.273 ug/l

RT: 5.81 min Scan# 1391

Delta R.T. -0.18 min

Lab File: VU036530.D

Acq: 22 Jan 2020 17:11

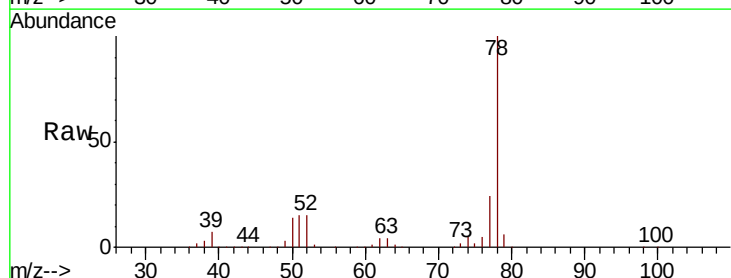
Tgt Ion: 73 Resp: 6781

Ion Ratio Lower Upper

73 100

87 244.9 19.8 29.6#

71 0.0 9.1 13.7#



Abundance Ion 73.00 (72.70 to 73.70): VU036528.D (-1429) (-)

Ion 87.00 (86.70 to 87.70): VU036528.D (-1429) (-)

Ion 71.00 (70.70 to 71.70): VU036528.D (-1429) (-)

4000

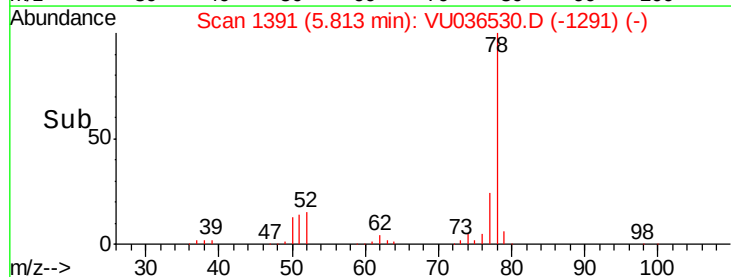
3000

2000

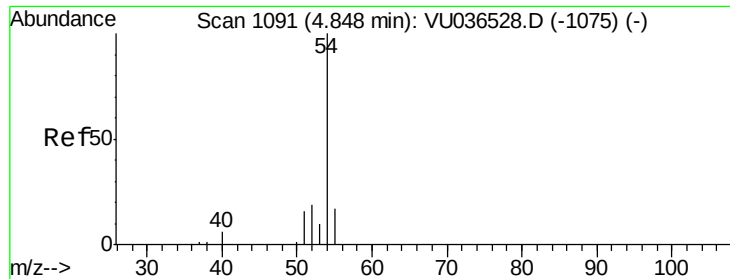
1000

0

Time-->



Time-->



#34

Propionitrile

Concen: 75.405 ug/l

RT: 4.84 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VU036530.D

Acq: 22 Jan 2020 17:11

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 54 Resp: 54469

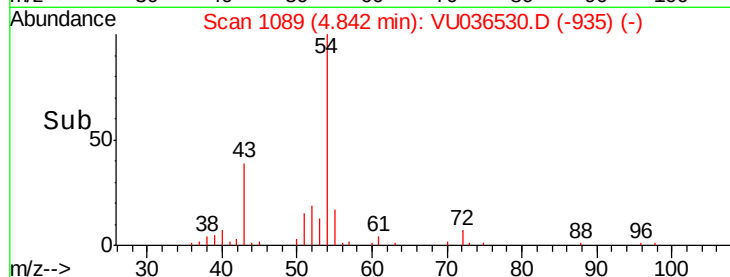
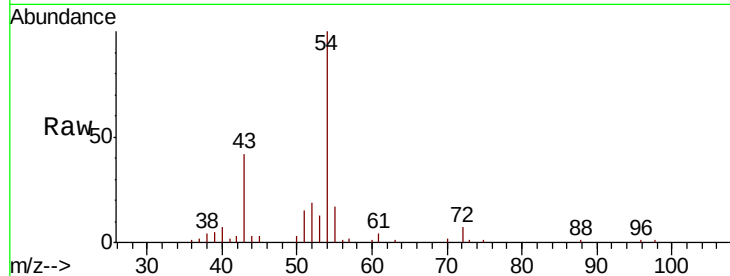
Ion Ratio Lower Upper

54 100

52 21.3 15.2 22.8

55 13.3 9.5 14.3

40 6.4 4.6 6.8

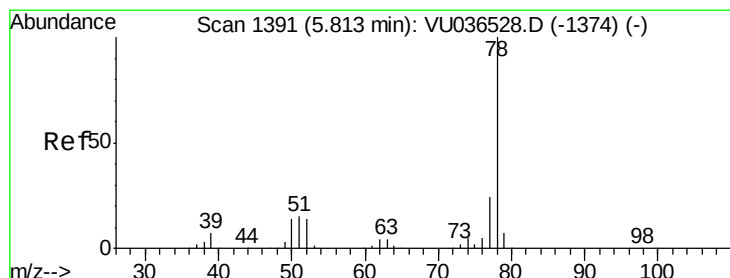
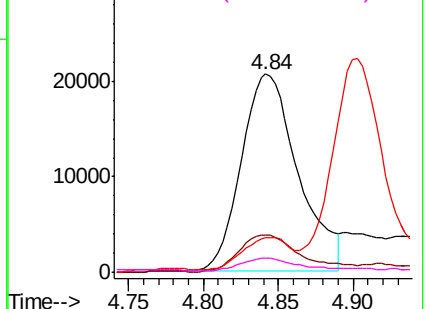


Abundance Ion 54.00 (53.70 to 54.70): VU0

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: 10.273 ug/l

RT: 5.81 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VU036530.D

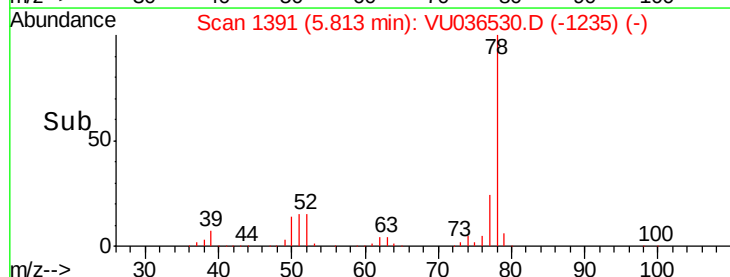
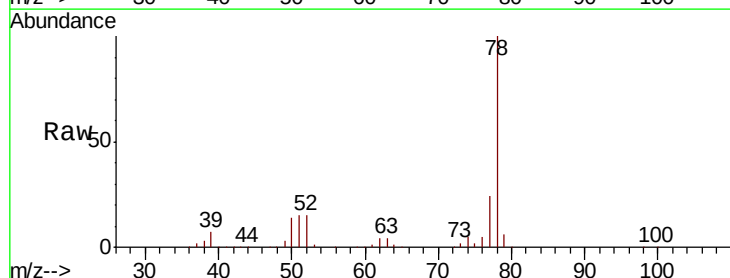
Acq: 22 Jan 2020 17:11

Tgt Ion: 78 Resp: 411926

Ion Ratio Lower Upper

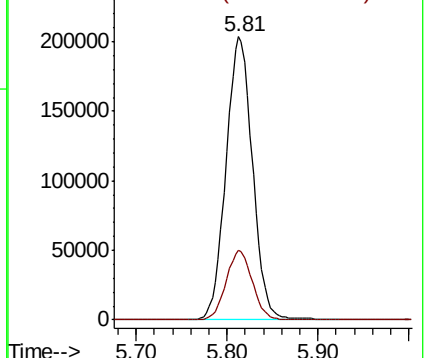
78 100

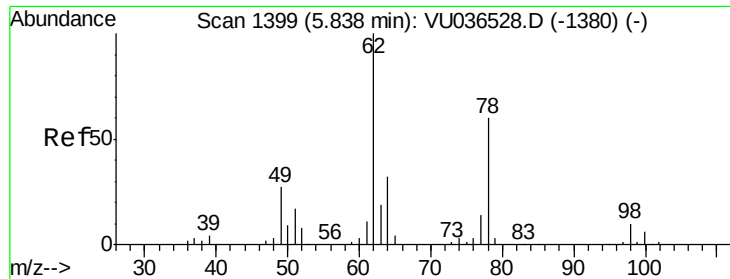
77 24.4 19.4 29.0



Abundance Ion 78.10 (77.80 to 78.80): VU0

Ion 77.00 (76.70 to 77.70): VU0

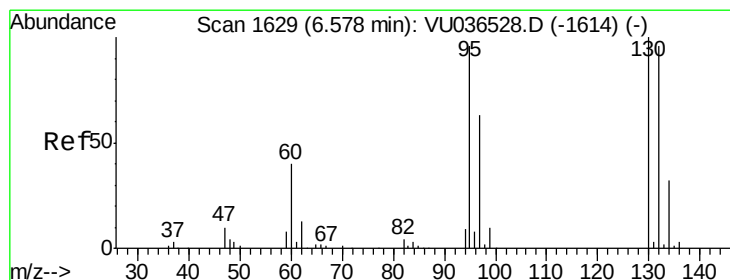
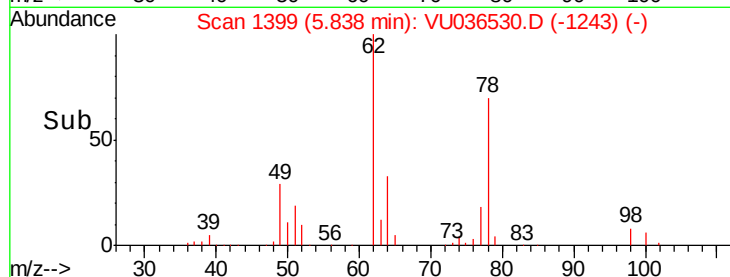
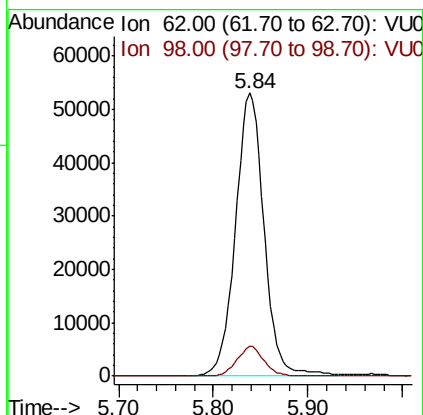
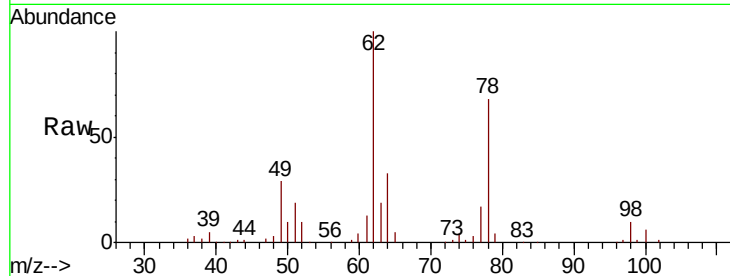




#36
 1,2-Dichloroethane
 Concen: 10.315 ug/l
 RT: 5.84 min Scan# 1399
 Delta R.T. 0.00 min
 Lab File: VU036530.D
 Acq: 22 Jan 2020 17:11

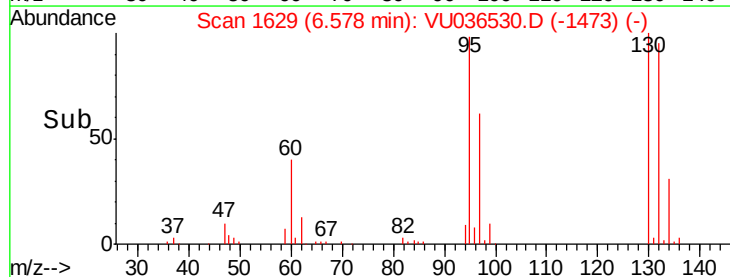
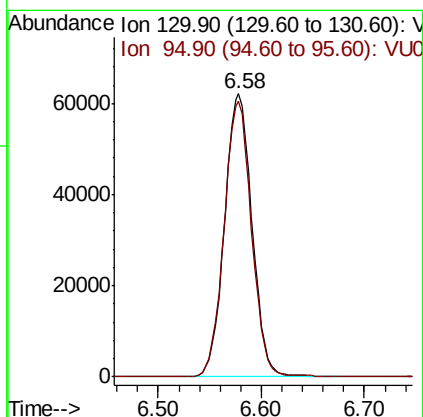
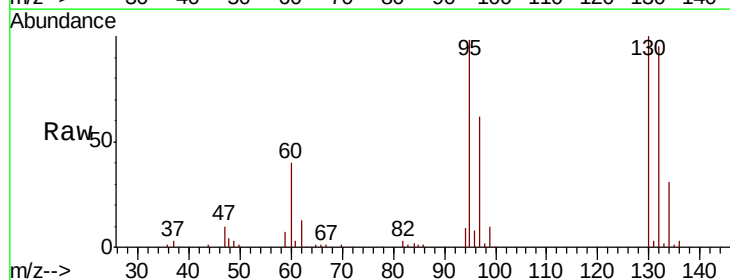
Instrument :
 MSVOA_U
 ClientSampleId :

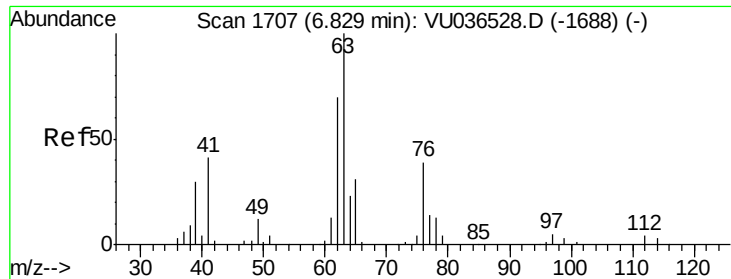
Tot Ion: 62 Resp: 111345
 Ion Ratio Lower Upper
 62 100
 98 9.9 7.8 11.8



#37
 Trichloroethene
 Concen: 10.410 ug/l
 RT: 6.58 min Scan# 1629
 Delta R.T. 0.00 min
 Lab File: VU036530.D
 Acq: 22 Jan 2020 17:11

Tgt Ion:130 Resp: 115241
 Ion Ratio Lower Upper
 130 100
 95 97.6 77.0 115.4

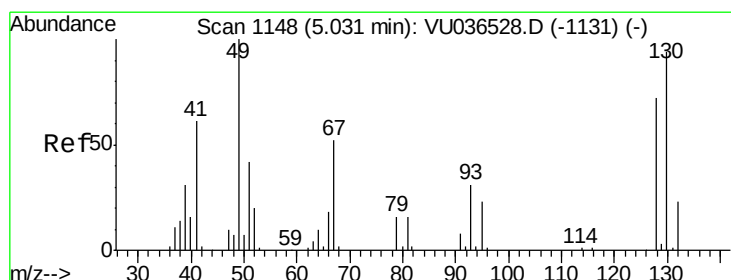
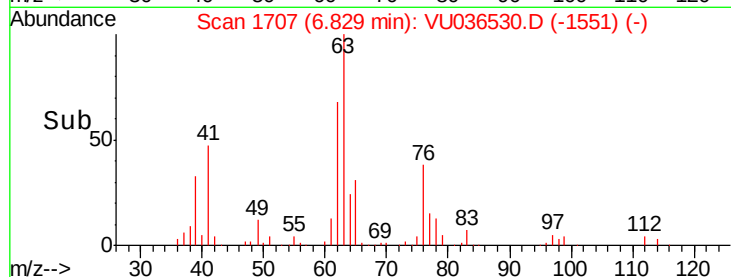
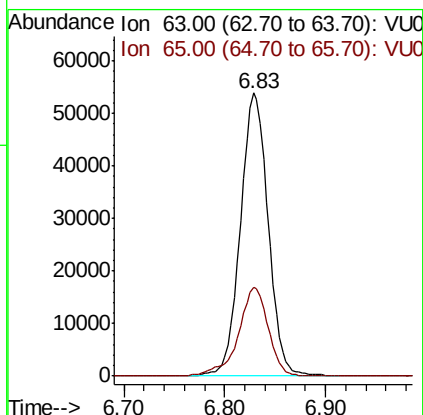
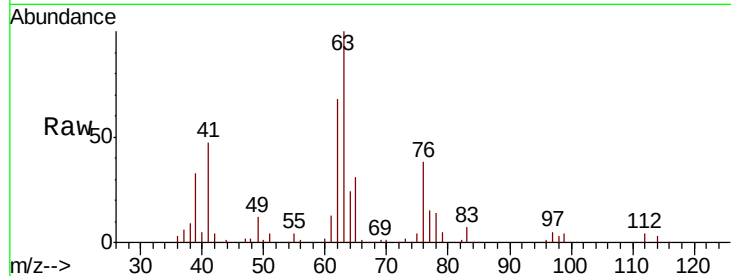




#38
 1,2-Dichloropropane
 Concen: 10.166 ug/l
 RT: 6.83 min Scan# 1707
 Delta R.T. 0.00 min
 Lab File: VU036530.D
 Acq: 22 Jan 2020 17:11

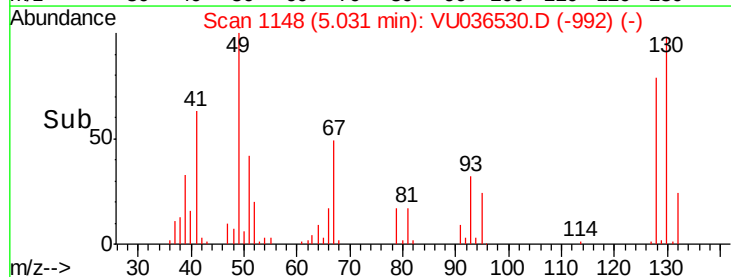
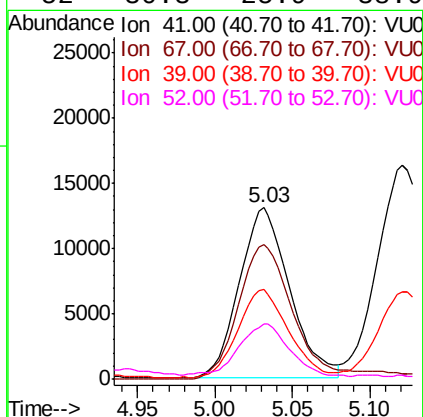
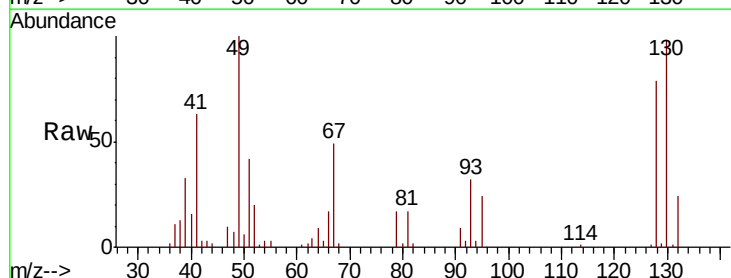
Instrument :
 MSVOA_U
 ClientSampled :

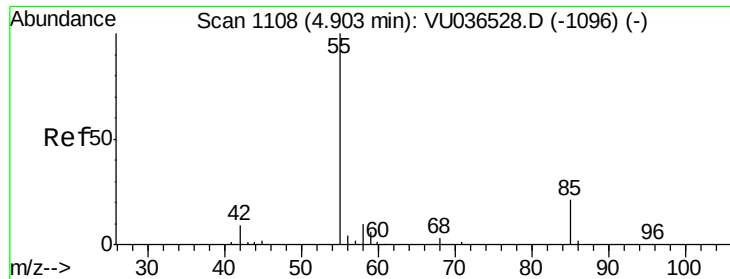
Tot Ion: 63 Resp: 102492
 Ion Ratio Lower Upper
 63 100
 65 31.3 24.7 37.1



#39
 Methacrylonitrile
 Concen: 9.665 ug/l
 RT: 5.03 min Scan# 1148
 Delta R.T. 0.00 min
 Lab File: VU036530.D
 Acq: 22 Jan 2020 17:11

Tgt Ion: 41 Resp: 29342
 Ion Ratio Lower Upper
 41 100
 67 85.1 69.6 104.4
 39 51.6 41.6 62.4
 52 30.3 25.9 38.9

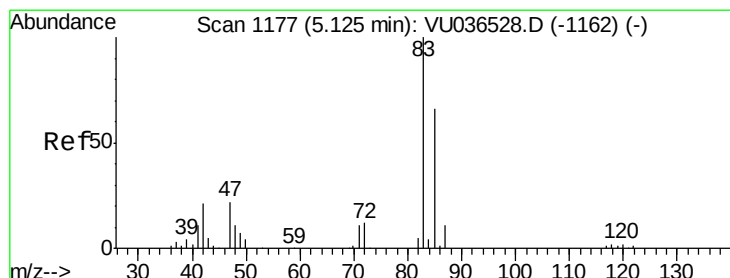
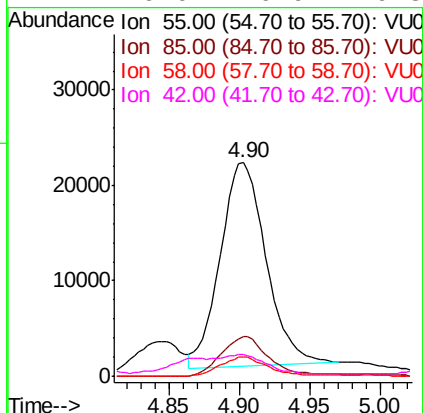
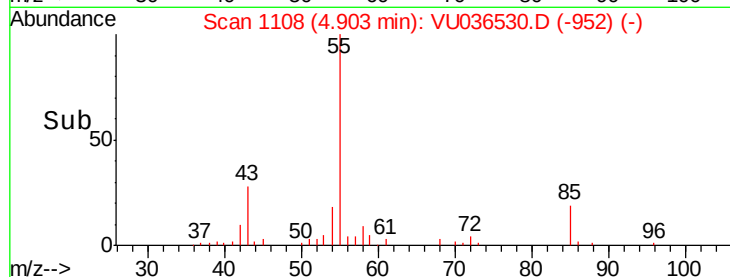
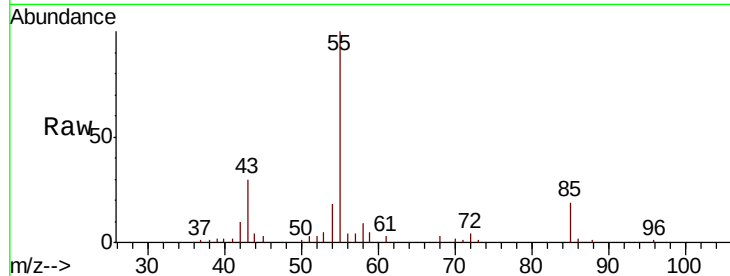




#40
Methvl acrylate
Concen: 10.093 ug/l
RT: 4.90 min Scan# 1108
Delta R.T. 0.00 min
Lab File: VU036530.D
Acq: 22 Jan 2020 17:11

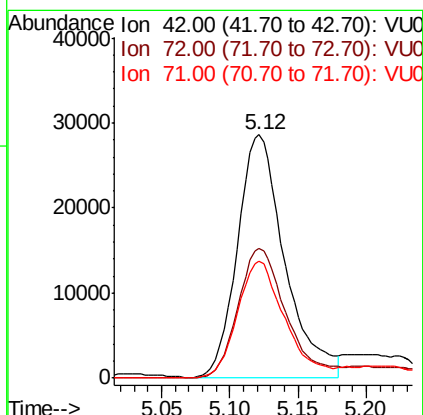
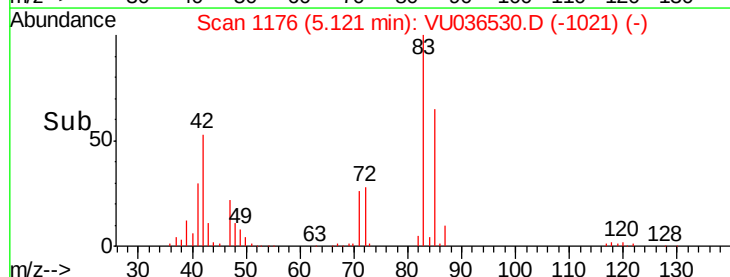
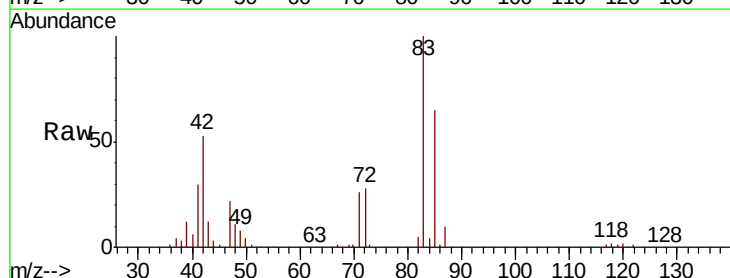
Instrument :
MSVOA_U
ClientSampleId :

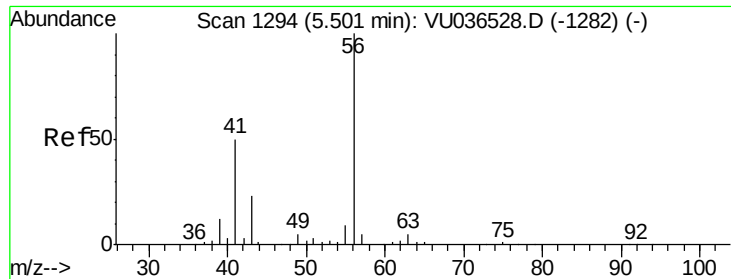
Tot Ion: 55 Resp: 48563
Ion Ratio Lower Upper
55 100
85 20.5 14.7 22.1
58 9.8 7.1 10.7
42 0.0 6.9 10.3#



#41
Tetrahydrofuran
Concen: 41.864 ug/l
RT: 5.12 min Scan# 1176
Delta R.T. -0.00 min
Lab File: VU036530.D
Acq: 22 Jan 2020 17:11

Tgt Ion: 42 Resp: 69242
Ion Ratio Lower Upper
42 100
72 54.8 42.5 63.7
71 48.1 37.3 55.9

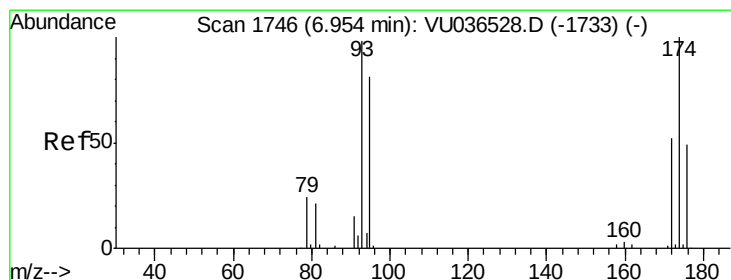
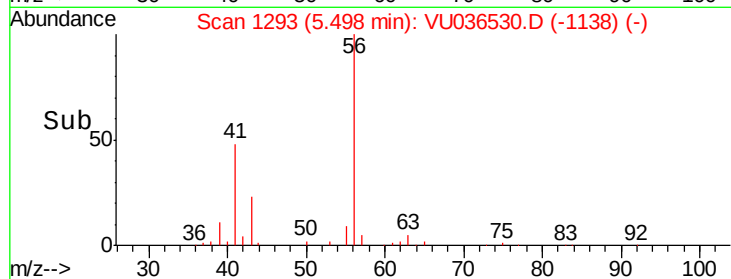
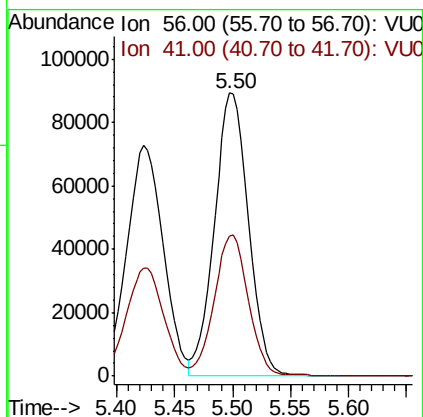
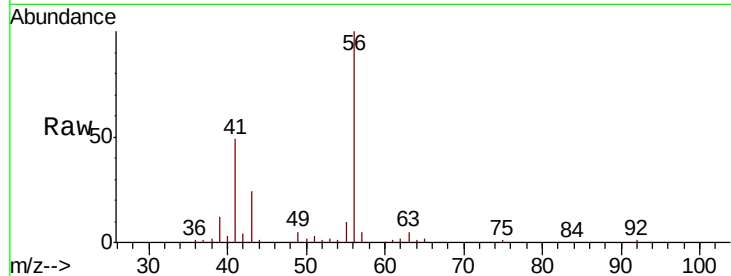




#42
1-Chlorobutane
Concen: 10.097 ug/l
RT: 5.50 min Scan# 1293
Delta R.T. -0.00 min
Lab File: VU036530.D
Acq: 22 Jan 2020 17:11

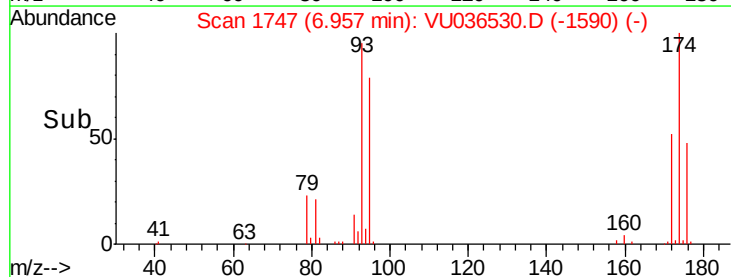
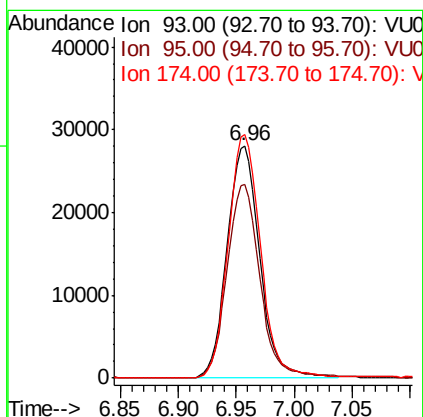
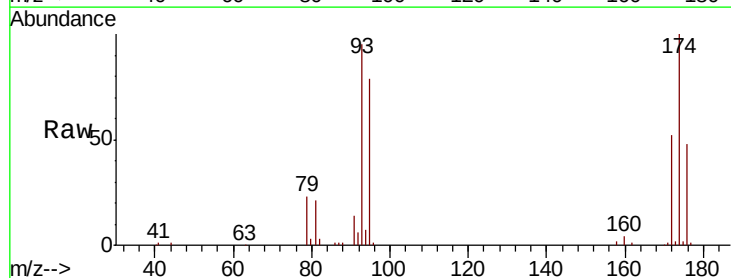
Instrument :
MSVOA_U
ClientSampled :

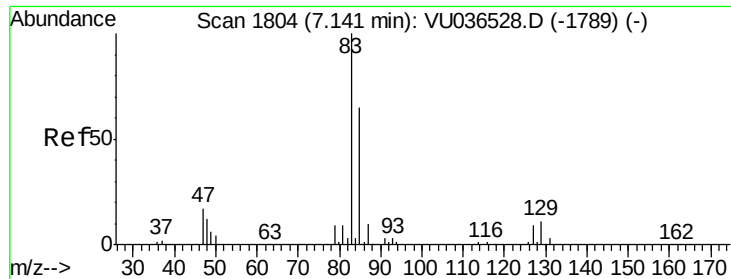
Tot Ion: 56 Resp: 181143
Ion Ratio Lower Upper
56 100
41 49.7 24.8 74.3



#43
Dibromomethane
Concen: 10.415 ug/l
RT: 6.96 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VU036530.D
Acq: 22 Jan 2020 17:11

Tgt Ion: 93 Resp: 54808
Ion Ratio Lower Upper
93 100
95 83.5 67.9 101.9
174 104.1 83.4 125.0





#44

Bromodichloromethane

Concen: 10.543 ug/l

RT: 7.14 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VU036530.D

Acq: 22 Jan 2020 17:11

Instrument :
MSVOA_U
ClientSampled :

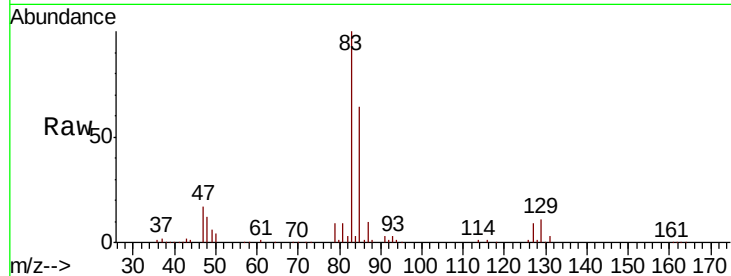
Tot Ion: 83 Resp: 131236

Ion	Ratio	Lower	Upper
83	100		
85	64.4	51.8	77.6
127	8.7	6.8	10.2

83 100

85 64.4 51.8 77.6

127 8.7 6.8 10.2

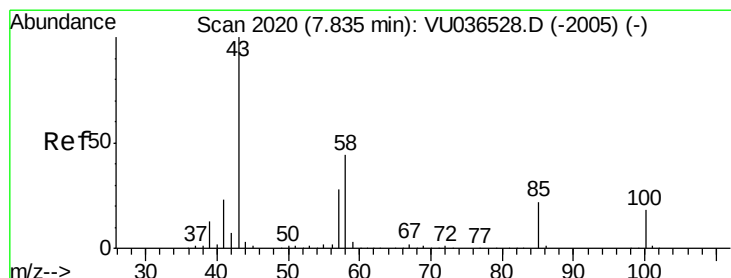
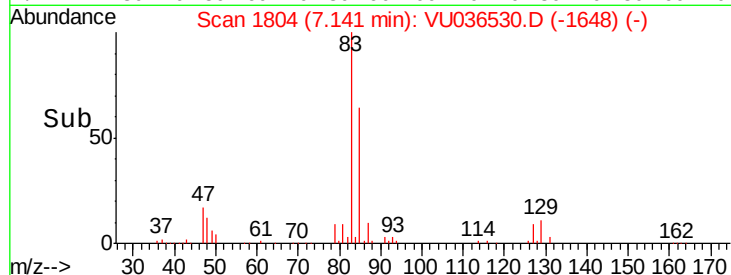
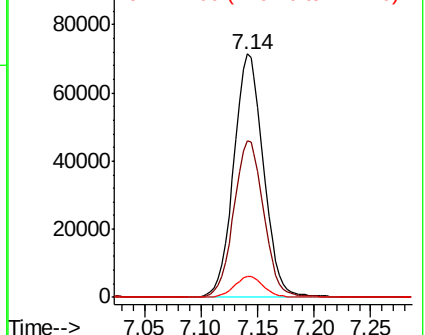


Abundance

Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0

Ion 127.00 (126.70 to 127.70): V



#45

4-Methyl-2-Pentanone

Concen: 50.032 ug/l

RT: 7.84 min Scan# 2020

Delta R.T. 0.00 min

Lab File: VU036530.D

Acq: 22 Jan 2020 17:11

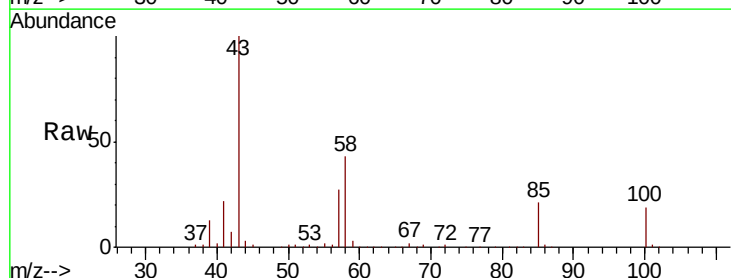
Tgt Ion: 43 Resp: 296627

Ion	Ratio	Lower	Upper
43	100		
58	43.2	22.1	66.1
85	21.3	17.4	26.0

43 100

58 43.2 22.1 66.1

85 21.3 17.4 26.0

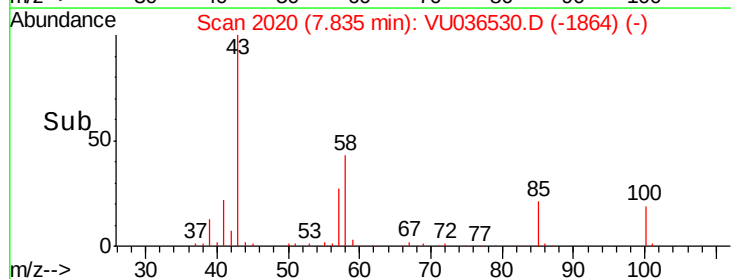
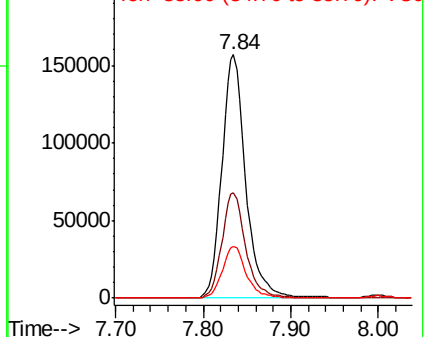


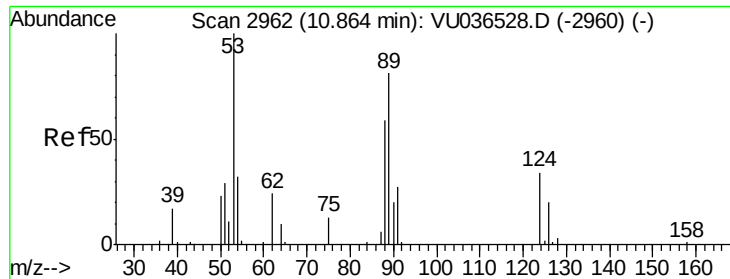
Abundance

Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 85.00 (84.70 to 85.70): VU0





#46

t-1,4-Dichloro-2-butene

Concen: 37.421 ug/l

RT: 10.85 min Scan# 2958

Delta R.T. -0.01 min

Lab File: VU036530.D

Acq: 22 Jan 2020 17:11

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 97706

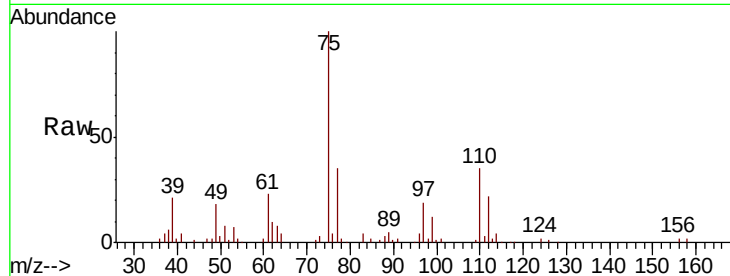
Ion Ratio Lower Upper

75 100

53 20.9 52.2 78.2#

89 15.4 39.8 59.6#

88 10.9 27.4 41.2#

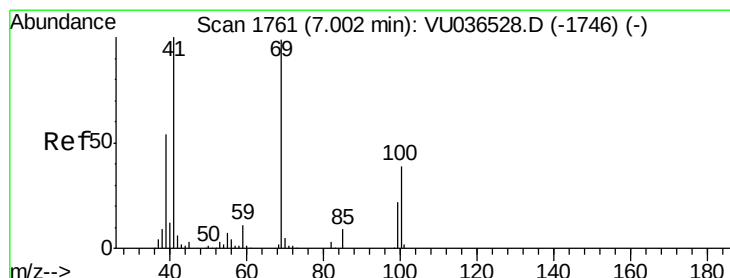
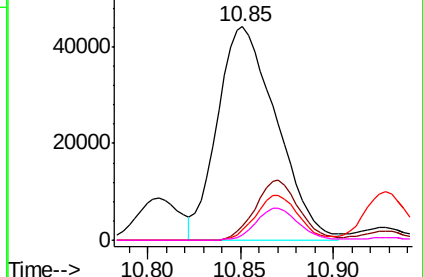
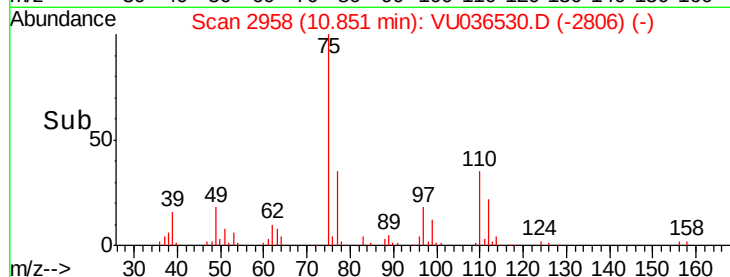


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 53.00 (52.70 to 53.70): VU0

Ion 88.80 (88.50 to 89.50): VU0

Ion 87.80 (87.50 to 88.50): VU0



#47

Methyl methacrylate

Concen: 10.237 ug/l

RT: 7.00 min Scan# 1761

Delta R.T. 0.00 min

Lab File: VU036530.D

Acq: 22 Jan 2020 17:11

Tgt Ion: 69 Resp: 52791

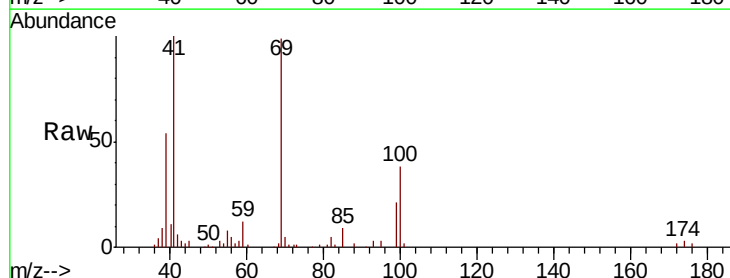
Ion Ratio Lower Upper

69 100

41 98.1 0.0 200.8

39 54.5 43.5 65.3

100 38.3 31.1 46.7

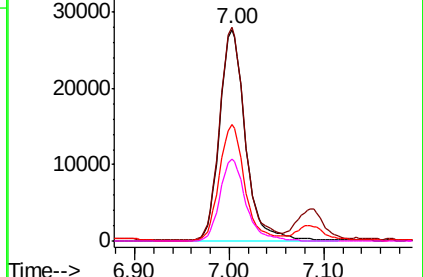
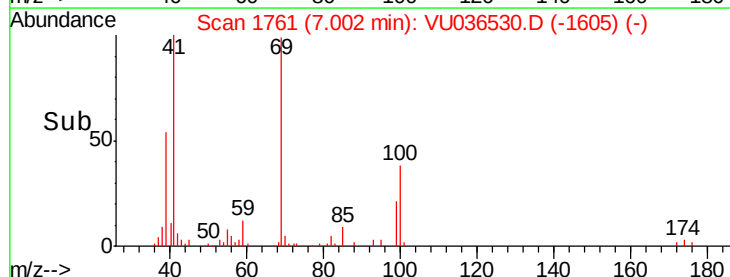


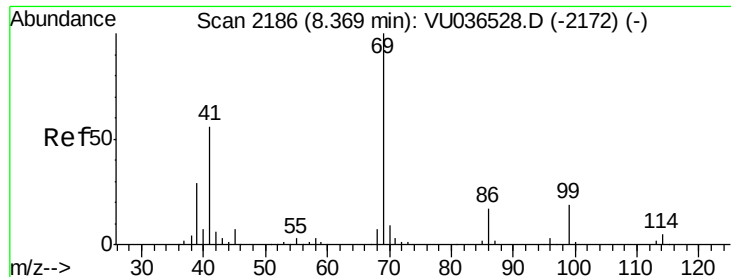
Abundance Ion 69.00 (68.70 to 69.70): VU0

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

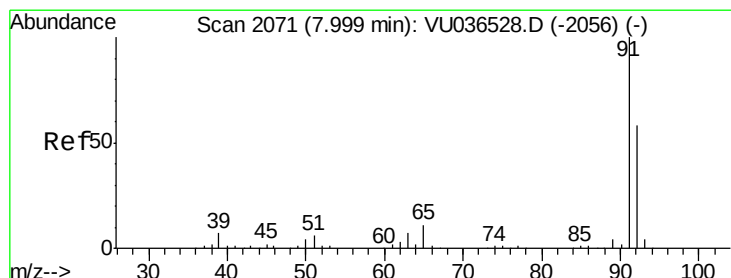
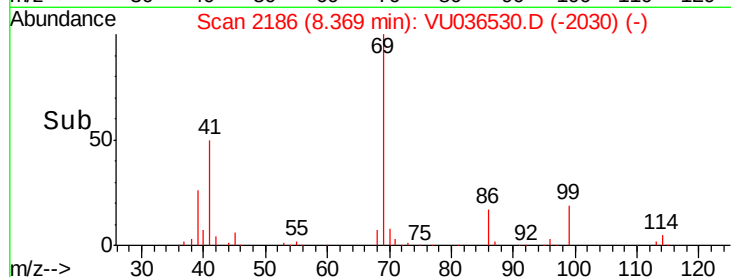
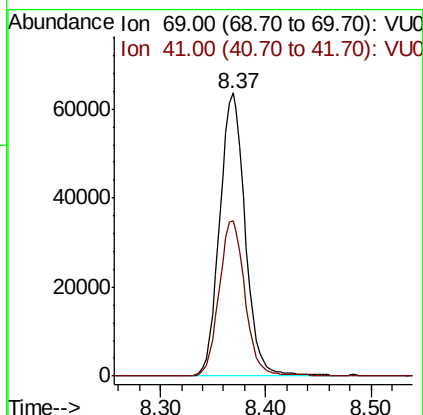
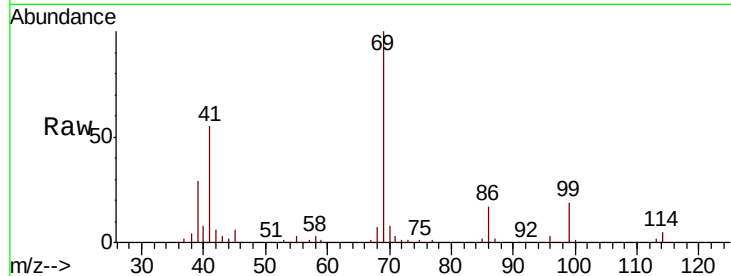




#48
Ethyl methacrylate
Concen: 10.706 ug/l
RT: 8.37 min Scan# 2186
Delta R.T. 0.00 min
Lab File: VU036530.D
Acq: 22 Jan 2020 17:11

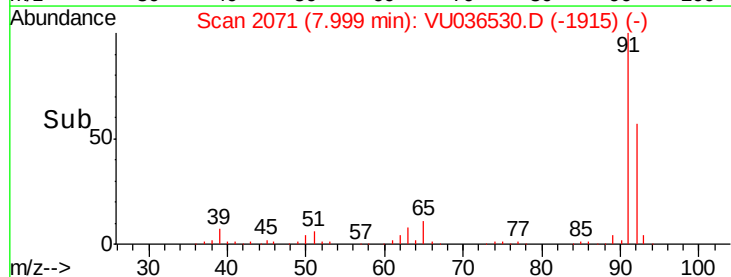
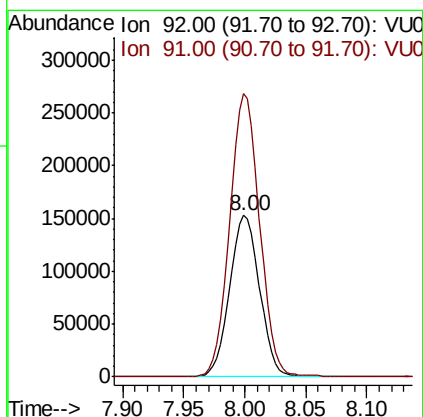
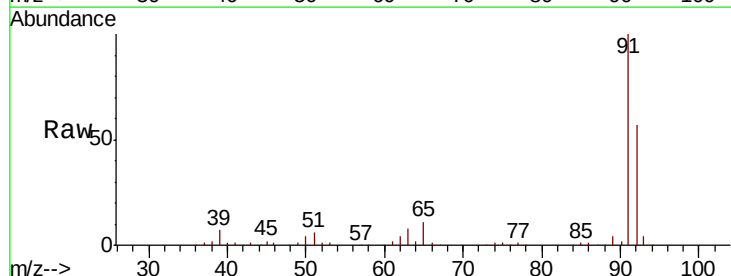
Instrument :
MSVOA_U
ClientSampled :

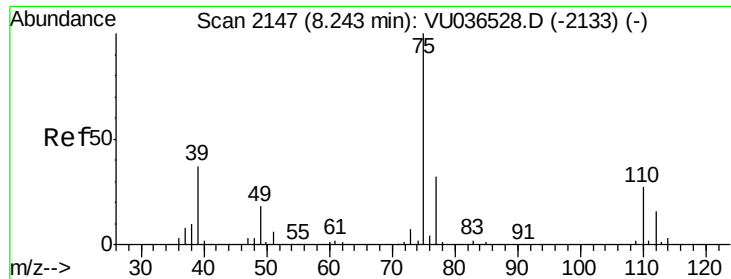
Tot Ion: 69 Resp: 106638
Ion Ratio Lower Upper
69 100
41 55.9 27.9 83.6



#49
Toluene
Concen: 10.259 ug/l
RT: 8.00 min Scan# 2071
Delta R.T. 0.00 min
Lab File: VU036530.D
Acq: 22 Jan 2020 17:11

Tgt Ion: 92 Resp: 262588
Ion Ratio Lower Upper
92 100
91 175.2 139.1 208.7

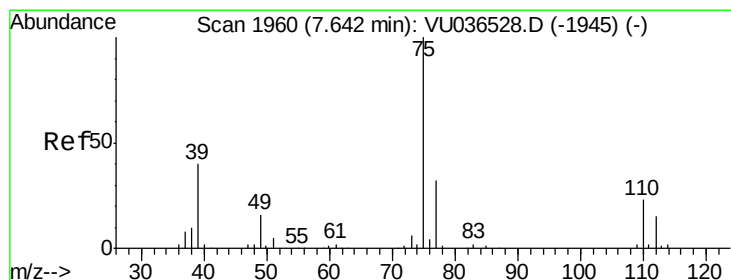
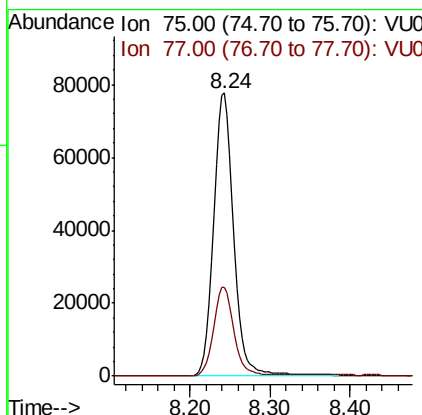
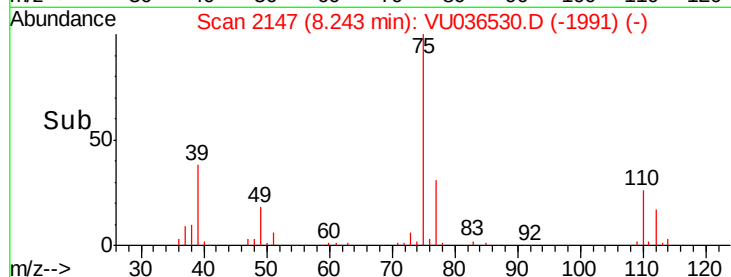
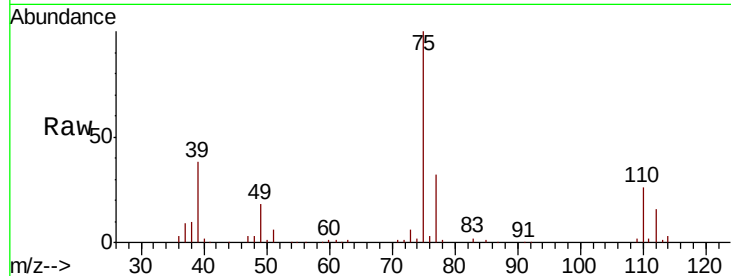




#50
t-1,3-Dichloropropene
Concen: 10.979 ug/l
RT: 8.24 min Scan# 2147
Delta R.T. 0.00 min
Lab File: VU036530.D
Acq: 22 Jan 2020 17:11

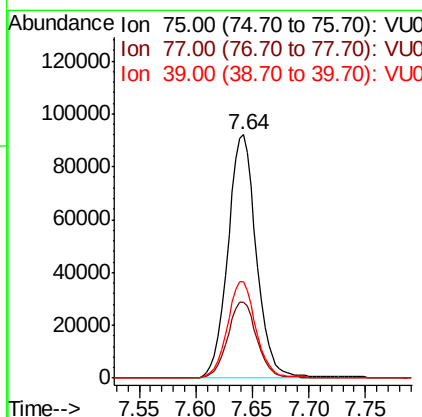
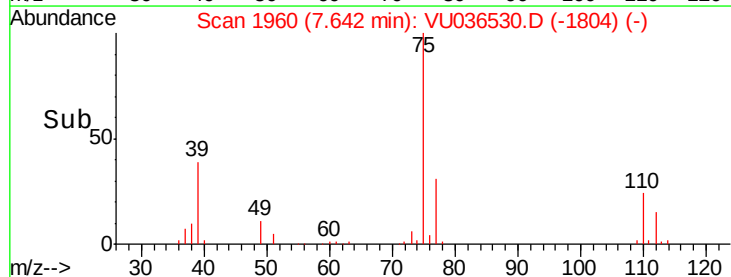
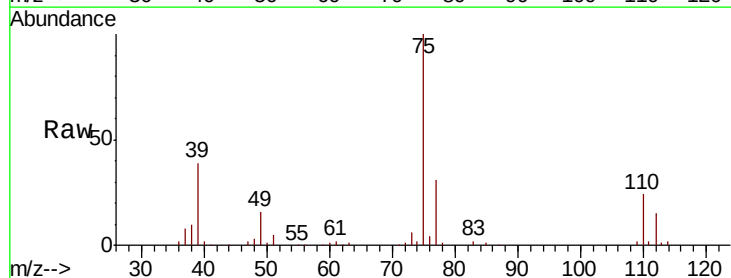
Instrument :
MSVOA_U
ClientSampled :

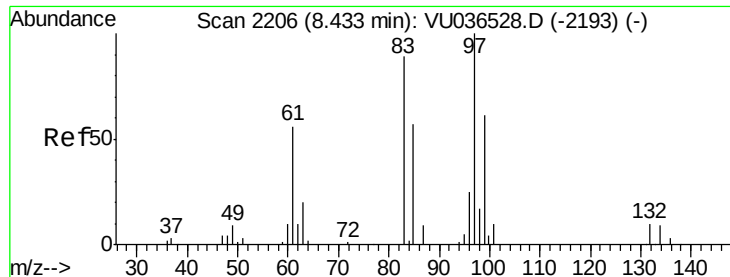
Tot Ion: 75 Resp: 136184
Ion Ratio Lower Upper
75 100
77 31.4 25.4 38.2



#51
cis-1,3-Dichloropropene
Concen: 10.747 ug/l
RT: 7.64 min Scan# 1960
Delta R.T. 0.00 min
Lab File: VU036530.D
Acq: 22 Jan 2020 17:11

Tgt Ion: 75 Resp: 161546
Ion Ratio Lower Upper
75 100
77 31.3 25.3 37.9
39 39.4 31.8 47.6

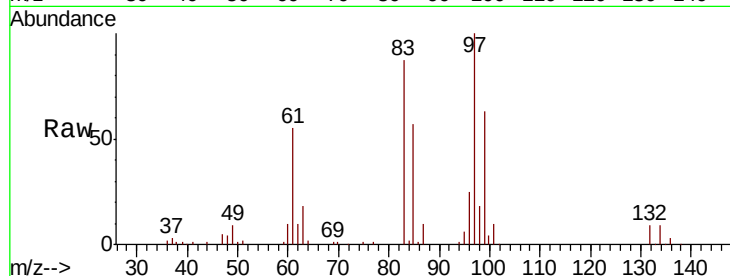




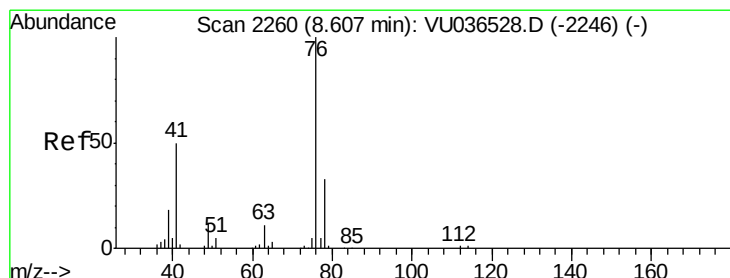
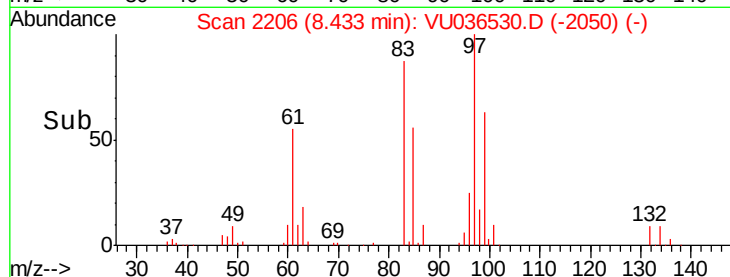
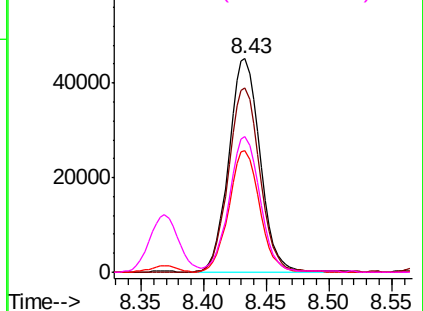
#52
 1,1,2-Trichloroethane
 Concen: 10.477 ug/l
 RT: 8.43 min Scan# 2206
 Delta R.T. 0.00 min
 Lab File: VU036530.D
 Acq: 22 Jan 2020 17:11

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 97 Resp: 78221
 Ion Ratio Lower Upper
 97 100
 83 86.6 70.9 106.3
 85 56.6 45.6 68.4
 99 63.1 51.0 76.4

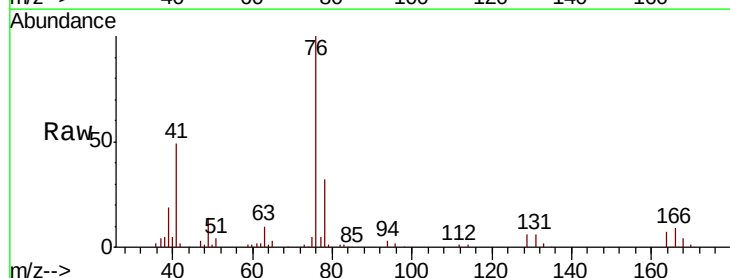


Abundance Ion 97.00 (96.70 to 97.70): VU0
 Ion 82.95 (82.65 to 83.65): VU0
 Ion 84.95 (84.65 to 85.65): VU0
 Ion 98.95 (98.65 to 99.65): VU0

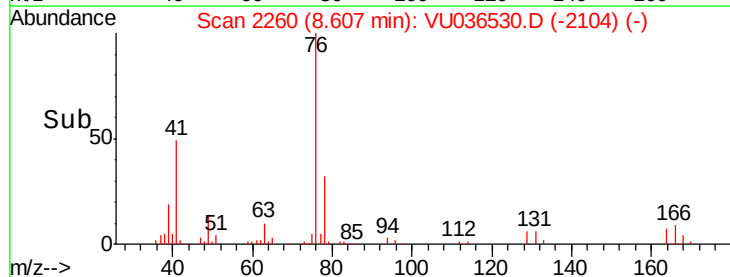
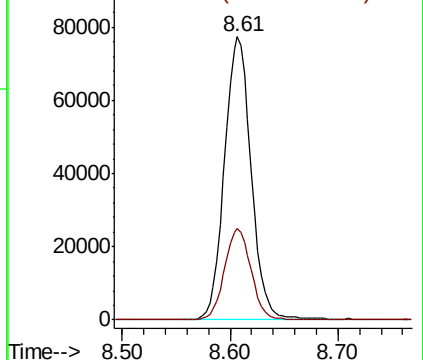


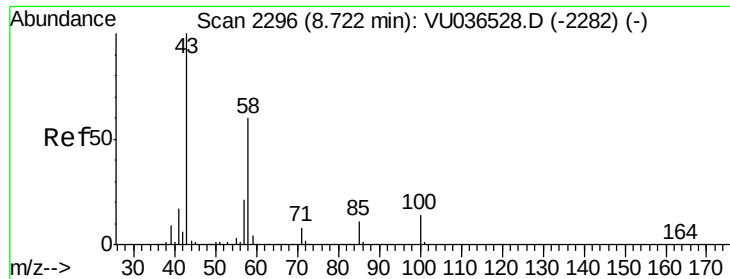
#53
 1,3-Dichloropropane
 Concen: 10.405 ug/l
 RT: 8.61 min Scan# 2260
 Delta R.T. 0.00 min
 Lab File: VU036530.D
 Acq: 22 Jan 2020 17:11

Tgt Ion: 76 Resp: 133161
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.4 38.2



Abundance Ion 76.00 (75.70 to 76.70): VU0
 Ion 78.00 (77.70 to 78.70): VU0

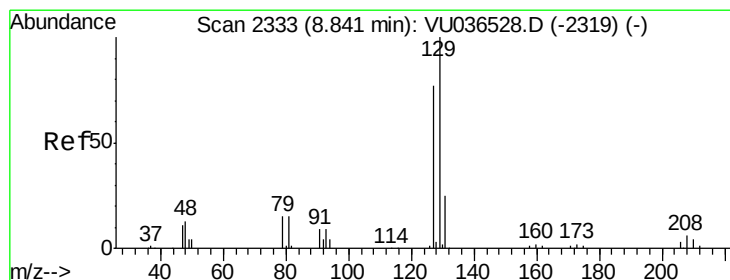
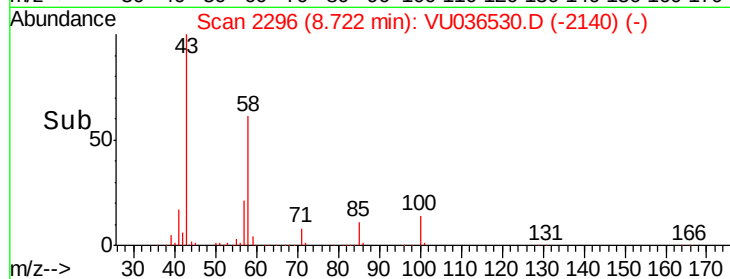
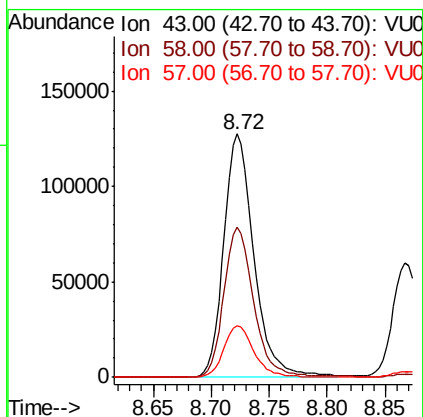
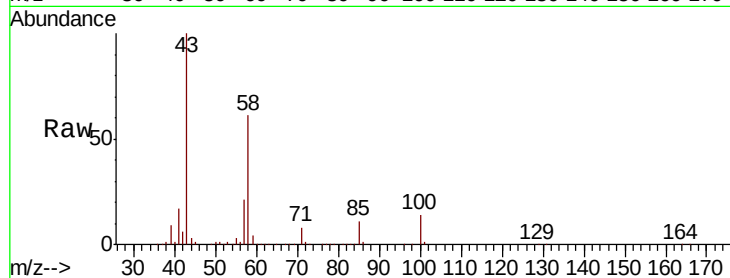




#54
2-Hexanone
Concen: 55.256 ug/l
RT: 8.72 min Scan# 2296
Delta R.T. 0.00 min
Lab File: VU036530.D
Acq: 22 Jan 2020 17:11

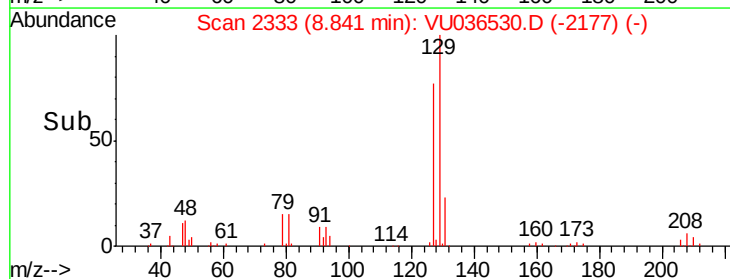
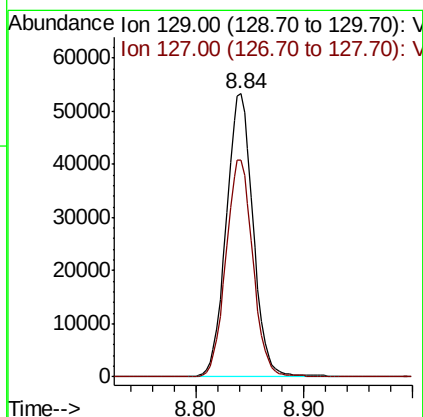
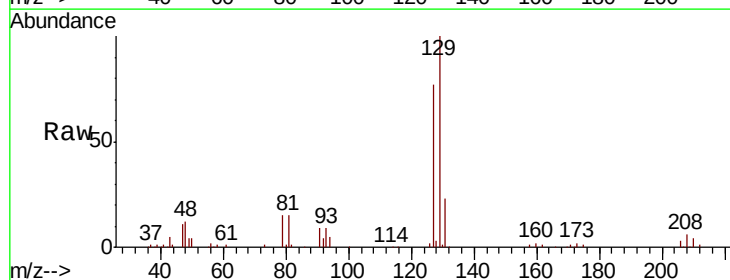
Instrument :
MSVOA_U
ClientSampled :

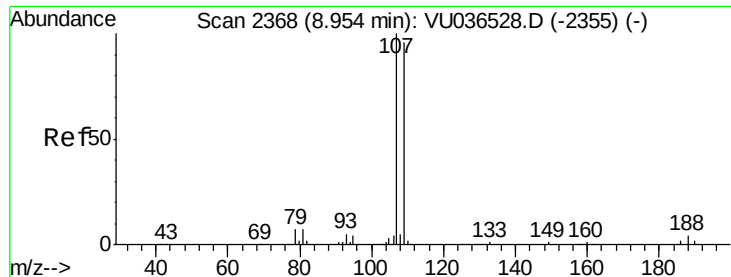
Tot Ion: 43 Resp: 229745
Ion Ratio Lower Upper
43 100
58 61.6 40.6 80.6
57 21.3 1.2 41.2



#55
Dibromochloromethane
Concen: 10.765 ug/l
RT: 8.84 min Scan# 2333
Delta R.T. 0.00 min
Lab File: VU036530.D
Acq: 22 Jan 2020 17:11

Tgt Ion: 129 Resp: 92541
Ion Ratio Lower Upper
129 100
127 77.0 62.6 94.0

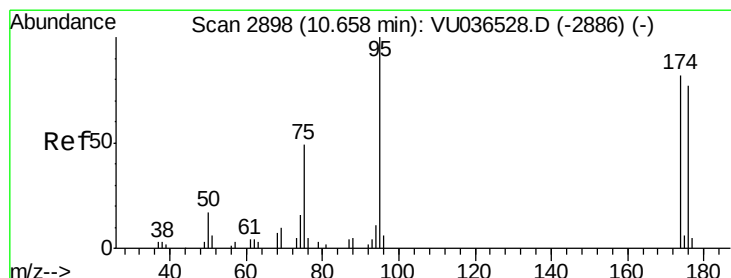
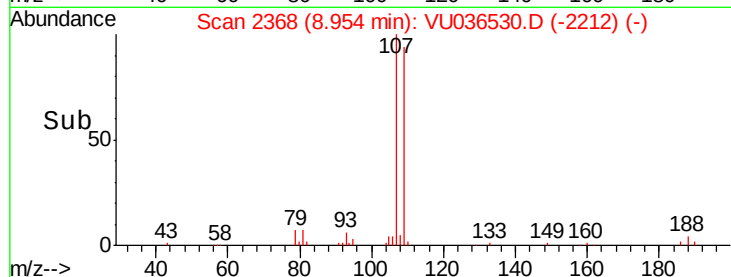
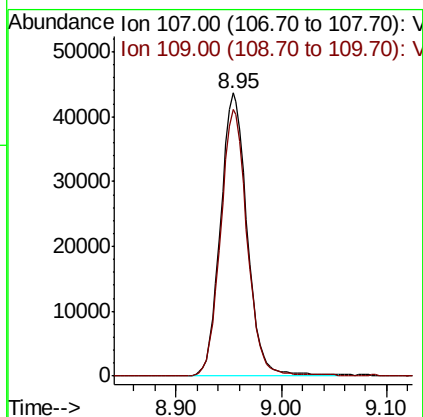
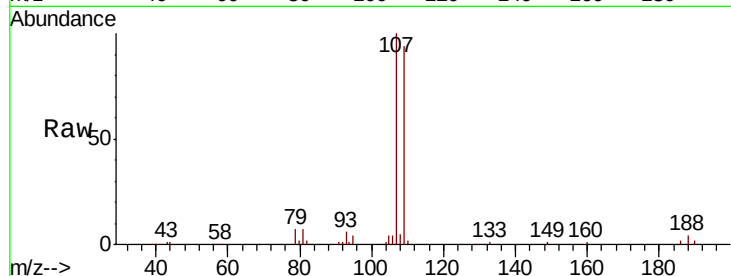




#56
 1,2-Dibromoethane
 Concen: 10.608 ug/l
 RT: 8.95 min Scan# 2368
 Delta R.T. 0.00 min
 Lab File: VU036530.D
 Acq: 22 Jan 2020 17:11

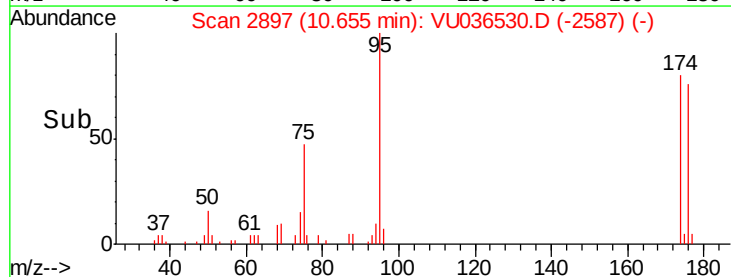
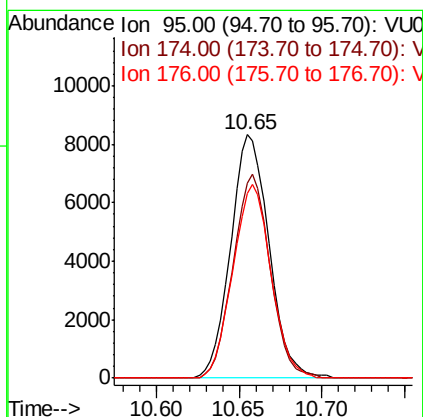
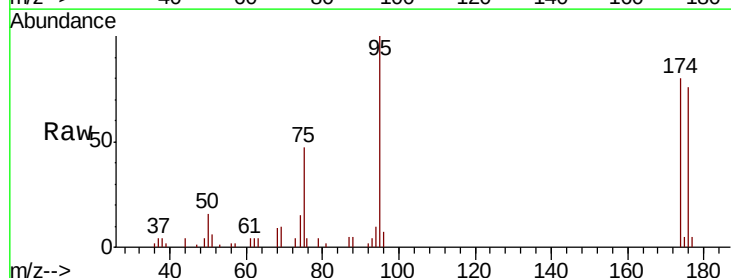
Instrument :
 MSVOA_U
 ClientSampleId :

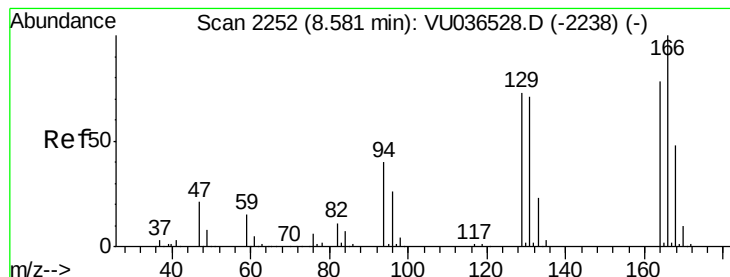
Tot Ion:107 Resp: 76265
 Ion Ratio Lower Upper
 107 100
 109 93.8 0.0 190.8



#57
 4-Bromofluorobenzene
 Concen: 0.981 ug/l
 RT: 10.65 min Scan# 2897
 Delta R.T. -0.00 min
 Lab File: VU036530.D
 Acq: 22 Jan 2020 17:11

Tgt Ion: 95 Resp: 13410
 Ion Ratio Lower Upper
 95 100
 174 80.9 64.7 97.1
 176 78.9 60.6 91.0





#58

Tetrachloroethene

Concen: 11.406 ug/l

RT: 8.58 min Scan# 2252

Delta R.T. 0.00 min

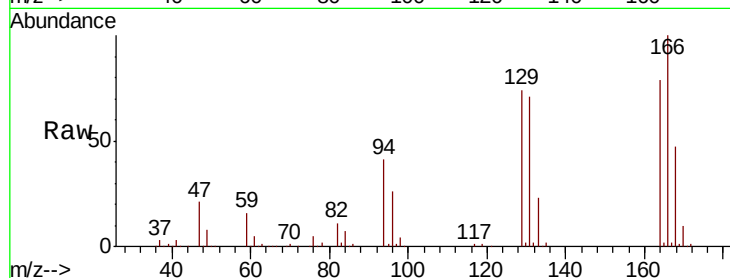
Lab File: VU036530.D

Acq: 22 Jan 2020 17:11

Instrument :

MSVOA_U

ClientSampled :



Tot Ion:164 Resp: 126210

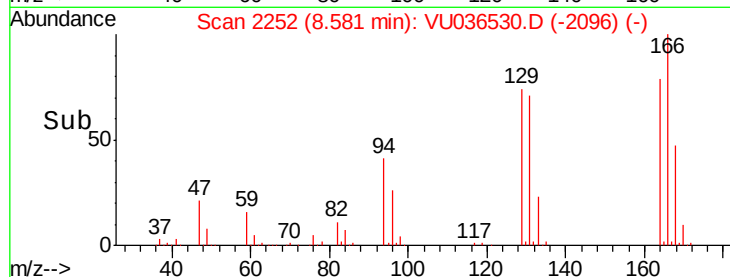
Ion Ratio Lower Upper

164 100

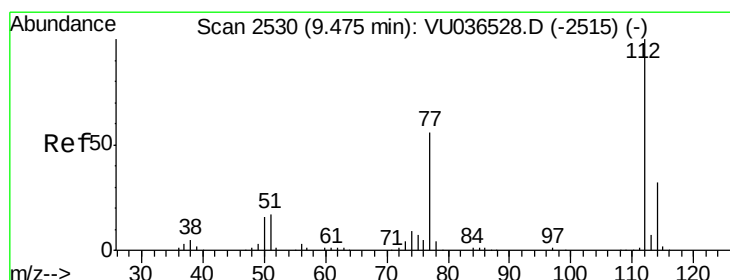
166 127.3 102.0 153.0

129 94.0 74.9 112.3

131 90.7 72.6 108.8



Time-->



#59

Chlorobenzene

Concen: 10.095 ug/l

RT: 9.47 min Scan# 2530

Delta R.T. 0.00 min

Lab File: VU036530.D

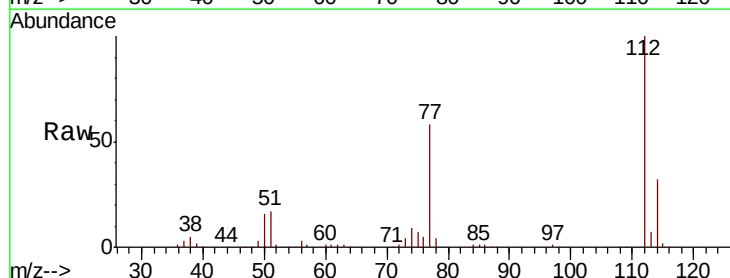
Acq: 22 Jan 2020 17:11

Tgt Ion:112 Resp: 287828

Ion Ratio Lower Upper

112 100

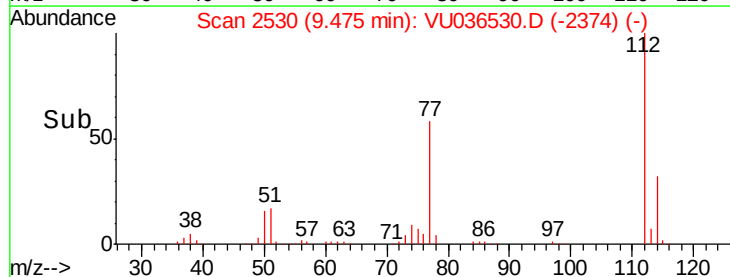
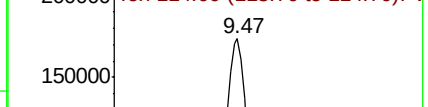
114 32.1 25.8 38.8



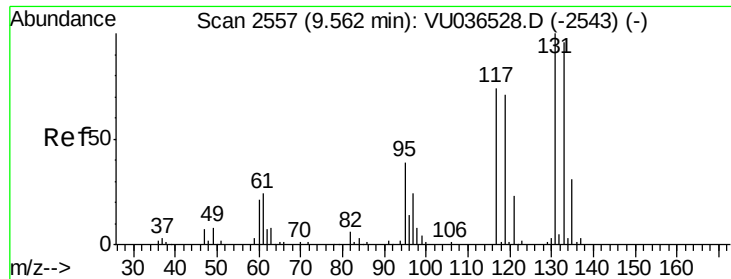
Abundance

Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V



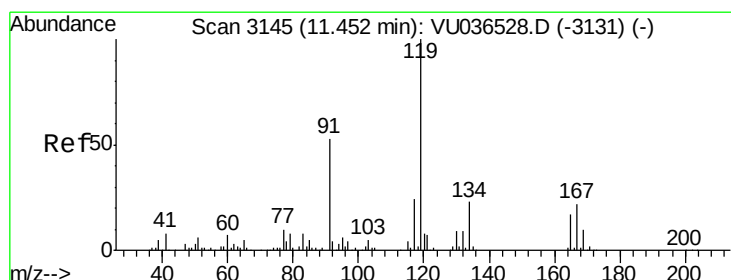
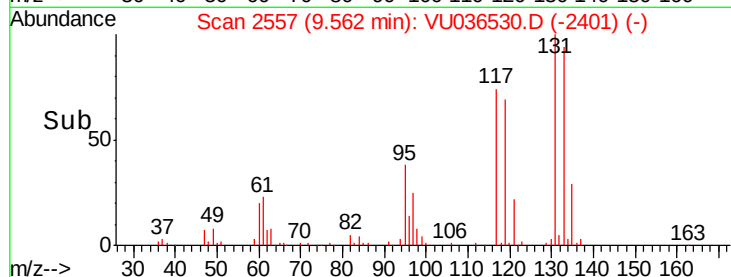
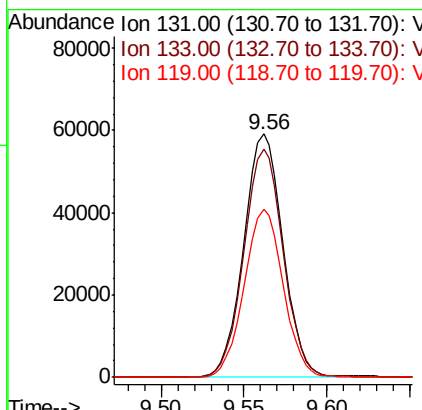
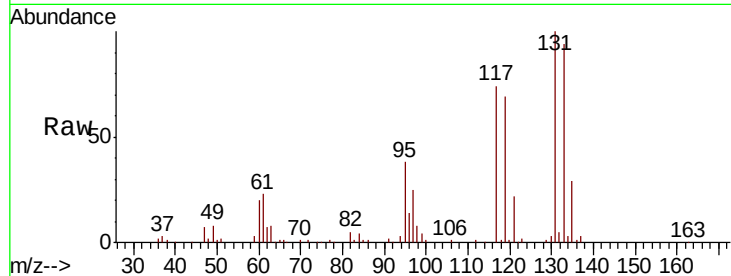
Time-->



#60
 1,1,1,2-Tetrachloroethane
 Concen: 10.691 ug/l
 RT: 9.56 min Scan# 2557
 Delta R.T. 0.00 min
 Lab File: VU036530.D
 Acq: 22 Jan 2020 17:11

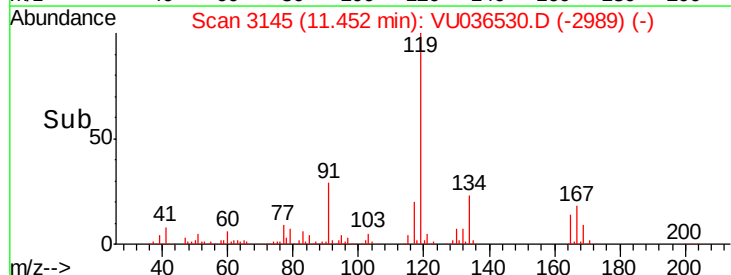
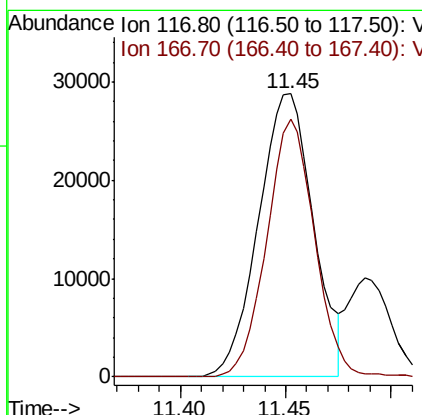
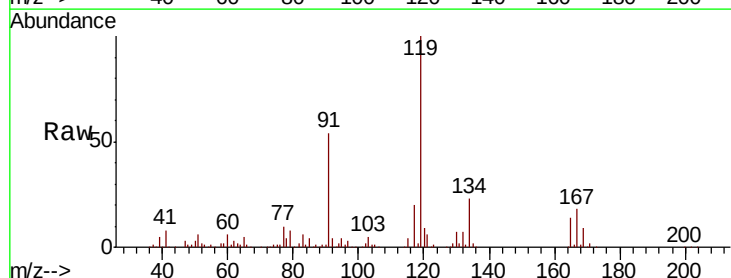
Instrument :
 MSVOA_U
 ClientSampleId :

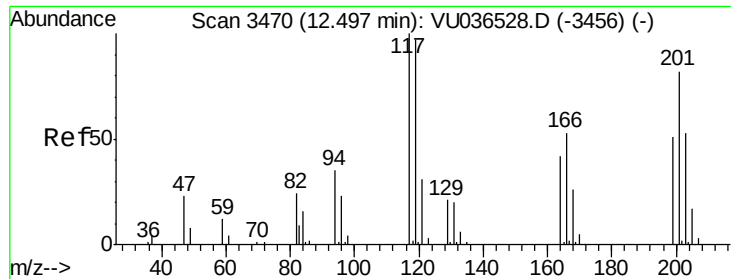
Tot Ion:131 Resp: 97354
 Ion Ratio Lower Upper
 131 100
 133 94.6 76.4 114.6
 119 68.9 56.6 85.0



#61
 Pentachloroethane
 Concen: 8.862 ug/l
 RT: 11.45 min Scan# 3145
 Delta R.T. 0.00 min
 Lab File: VU036530.D
 Acq: 22 Jan 2020 17:11

Tgt Ion:117 Resp: 52065
 Ion Ratio Lower Upper
 117 100
 167 79.6 66.7 100.1





#62

Hexachloroethane

Concen: 10.961 ug/l

RT: 12.50 min Scan# 3470

Delta R.T. 0.00 min

Lab File: VU036530.D

Acq: 22 Jan 2020 17:11

Instrument :

MSVOA_U

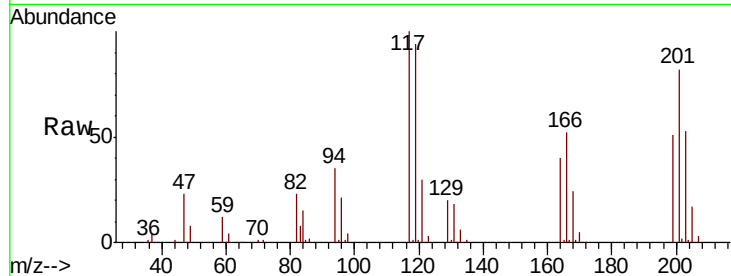
ClientSampled :

Tot Ion:117 Resp: 82072

Ion Ratio Lower Upper

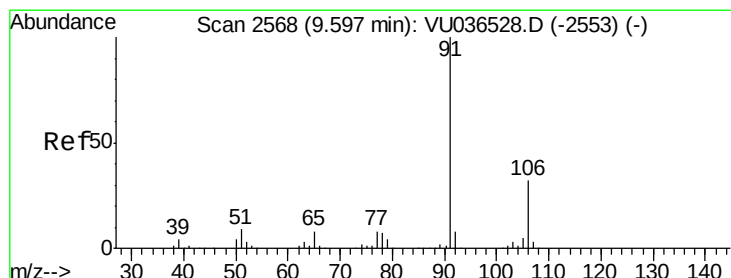
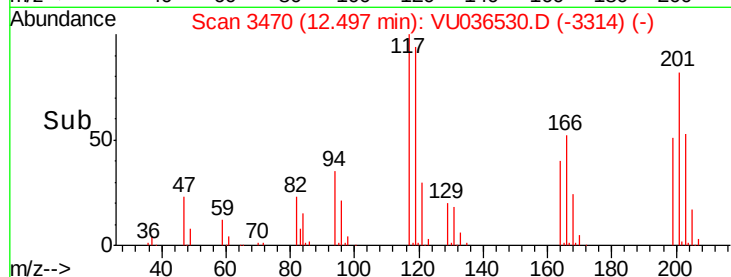
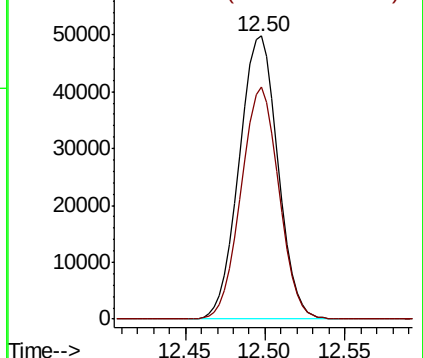
117 100

201 80.3 65.0 97.4



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.60 (200.30 to 201.30): V



#63

Ethyl Benzene

Concen: 10.566 ug/l

RT: 9.60 min Scan# 2568

Delta R.T. 0.00 min

Lab File: VU036530.D

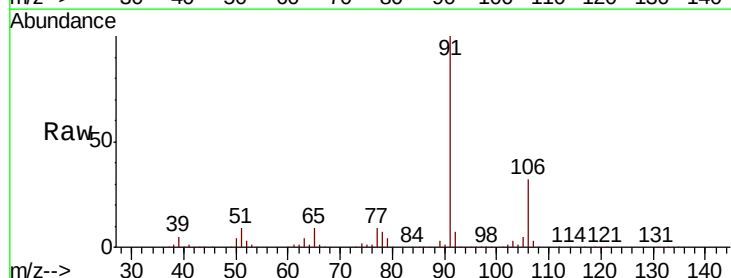
Acq: 22 Jan 2020 17:11

Tgt Ion: 91 Resp: 504879

Ion Ratio Lower Upper

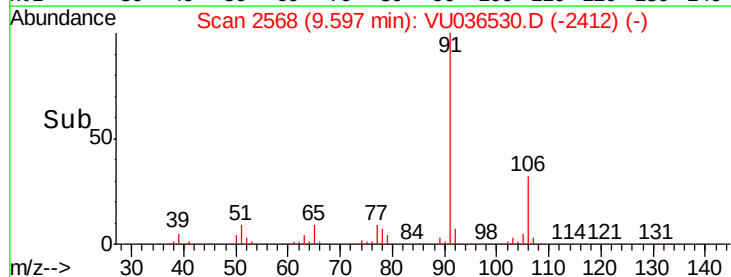
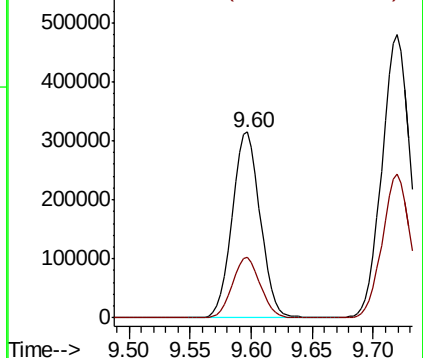
91 100

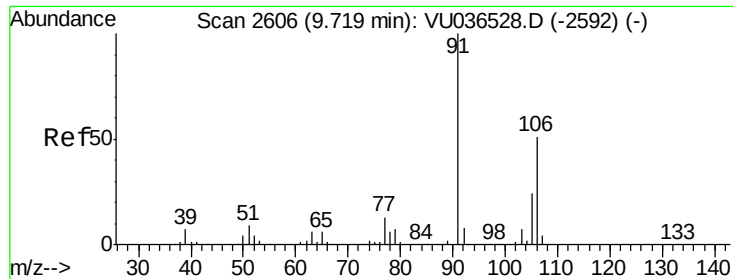
106 32.5 26.0 39.0



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 106.00 (105.70 to 106.70): V





#64

m/p-Xylenes

Concen: 20.840 ug/l

RT: 9.72 min Scan# 2606

Delta R.T. 0.00 min

Lab File: VU036530.D

Acq: 22 Jan 2020 17:11

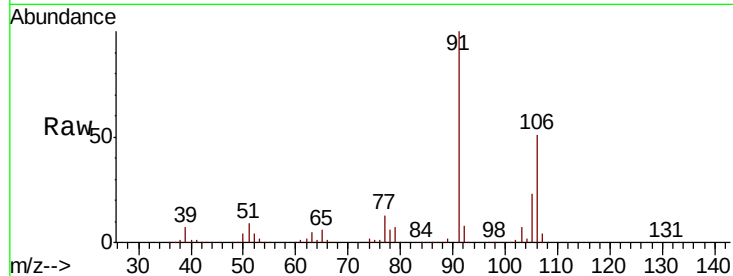
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:106 Resp: 394181

Ion Ratio Lower Upper

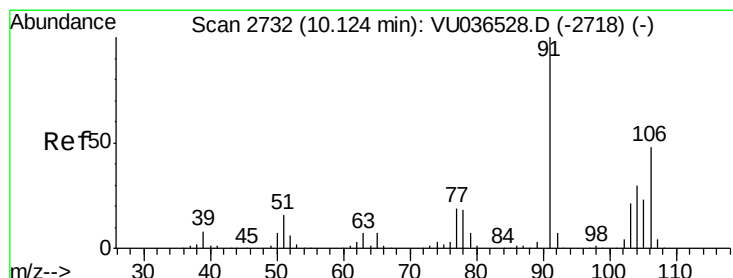
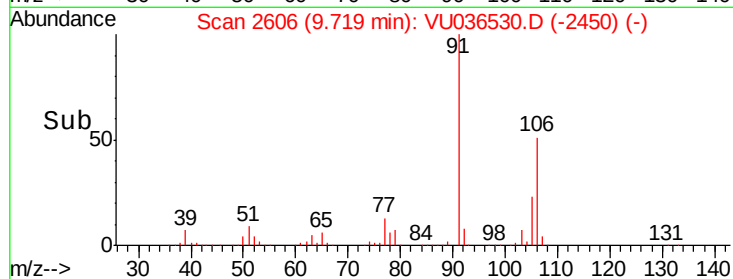
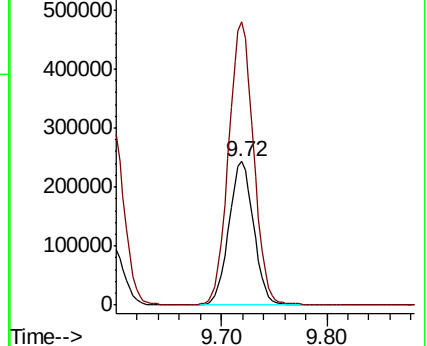
106 100

91 197.9 158.2 237.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#65

o-Xylene

Concen: 10.182 ug/l

RT: 10.12 min Scan# 2732

Delta R.T. 0.00 min

Lab File: VU036530.D

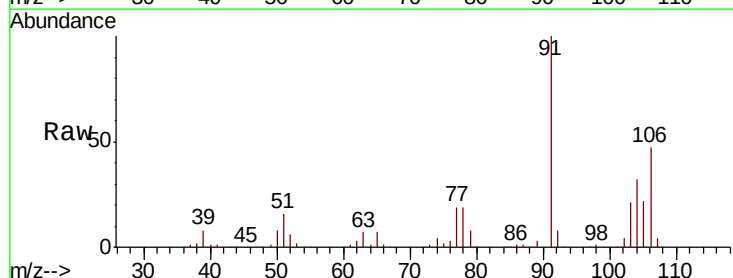
Acq: 22 Jan 2020 17:11

Tgt Ion:106 Resp: 186488

Ion Ratio Lower Upper

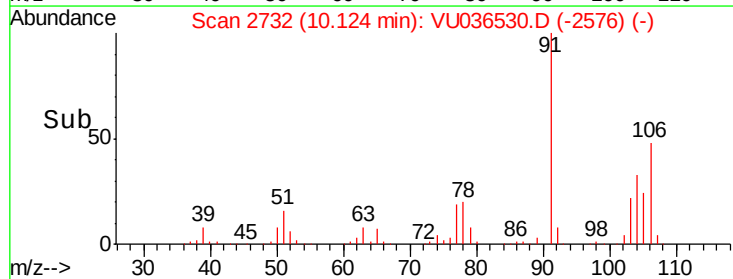
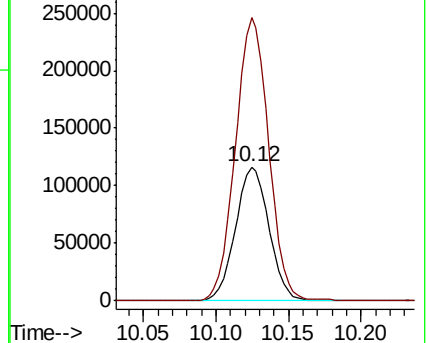
106 100

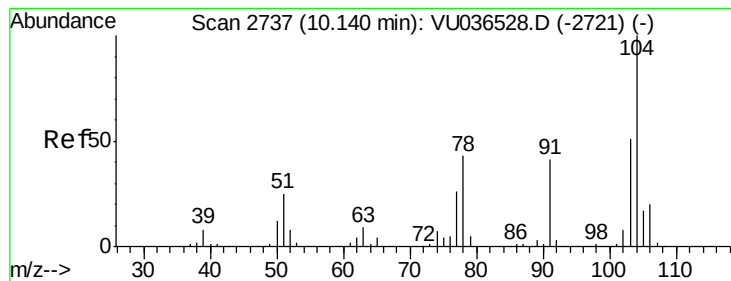
91 210.7 104.3 312.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0





#66

Stvrene

Concen: 10.569 ug/l

RT: 10.14 min Scan# 2736

Delta R.T. -0.00 min

Lab File: VU036530.D

Acq: 22 Jan 2020 17:11

Instrument :

MSVOA_U

ClientSampleId :

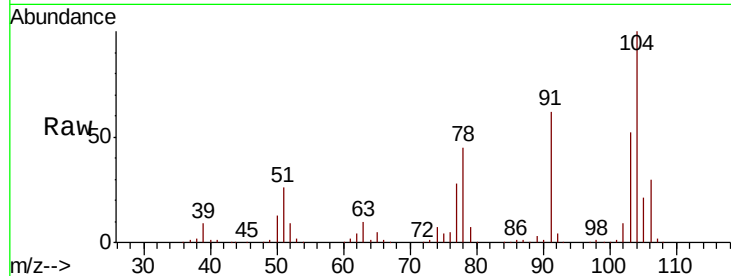
Tot Ion:104 Resp: 324182

Ion Ratio Lower Upper

104 100

78 47.9 38.6 57.8

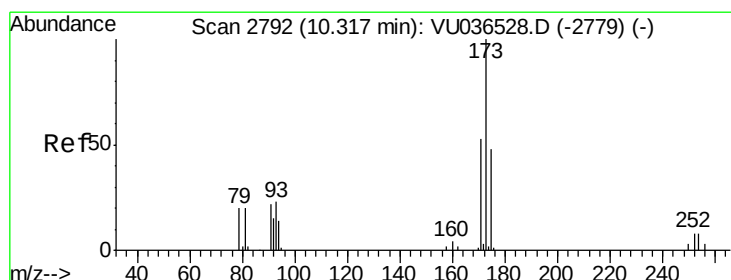
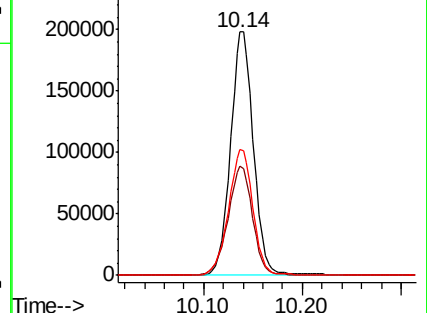
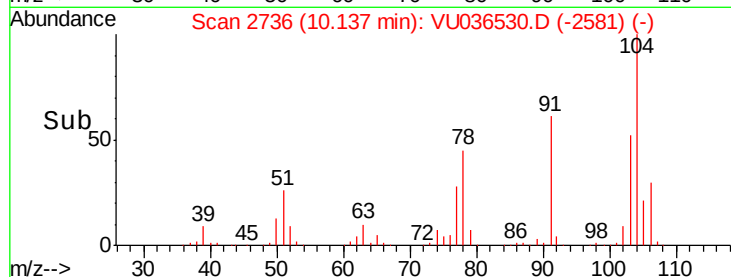
103 55.1 44.4 66.6



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: 10.861 ug/l

RT: 10.32 min Scan# 2792

Delta R.T. 0.00 min

Lab File: VU036530.D

Acq: 22 Jan 2020 17:11

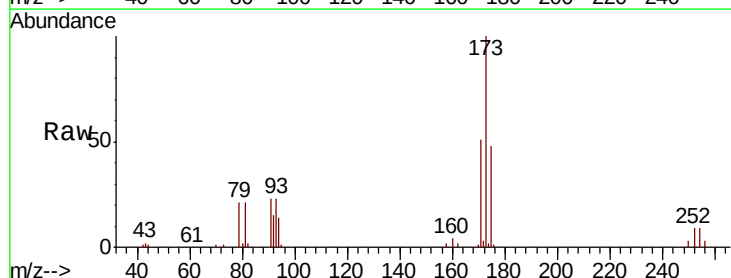
Tgt Ion:173 Resp: 53455

Ion Ratio Lower Upper

173 100

175 47.9 38.3 57.5

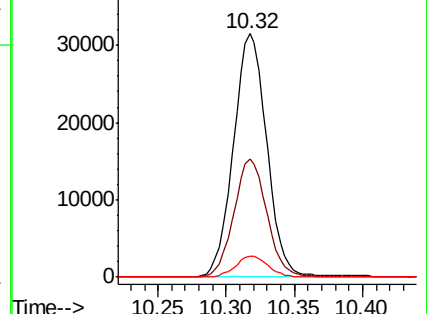
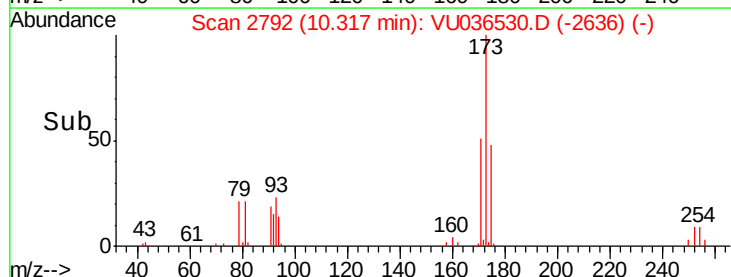
254 8.4 6.6 9.8

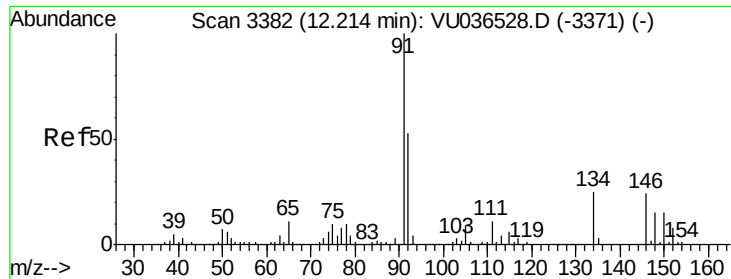


Abundance Ion 172.90 (172.60 to 173.60): V

Ion 174.90 (174.60 to 175.60): V

Ion 253.75 (253.45 to 254.45): V

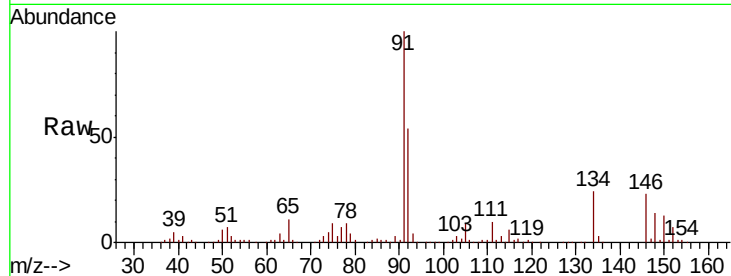




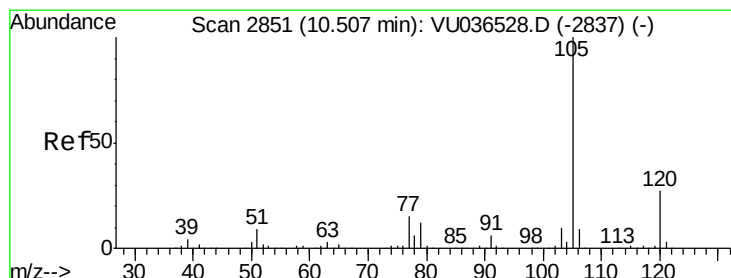
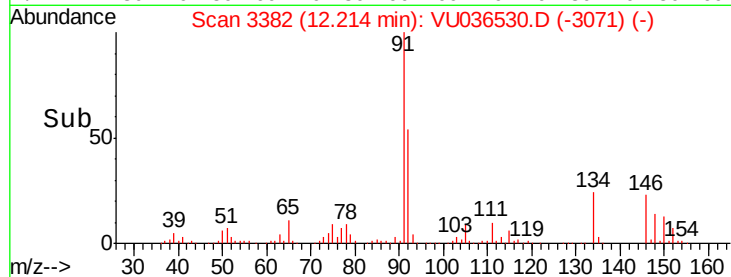
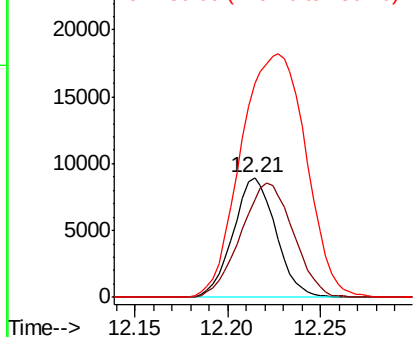
#68
 1,2-Dichlorobenzene-d4
 Concen: 1.025 ug/l
 RT: 12.21 min Scan# 3382
 Delta R.T. 0.00 min
 Lab File: VU036530.D
 Acq: 22 Jan 2020 17:11

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:152 Resp: 14338
 Ion Ratio Lower Upper
 152 100
 115 117.7 0.0 241.8
 150 310.6 0.0 652.4

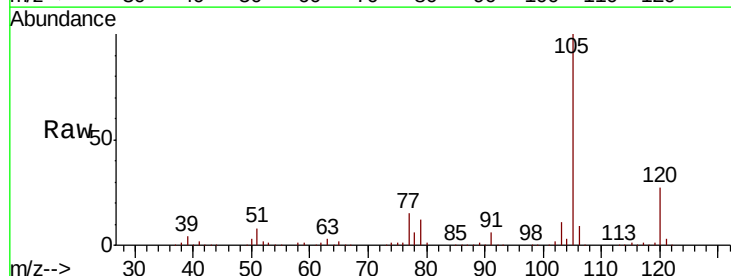


Abundance Ion 152.00 (151.70 to 152.70): V
 Ion 115.00 (114.70 to 115.70): V
 Ion 150.00 (149.70 to 150.70): V

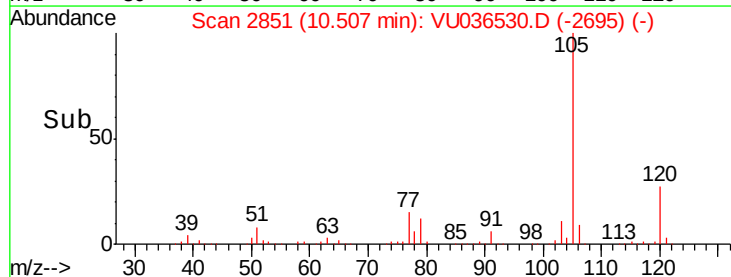
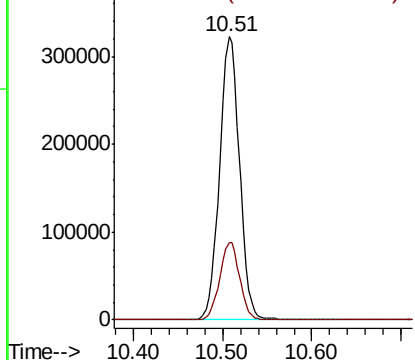


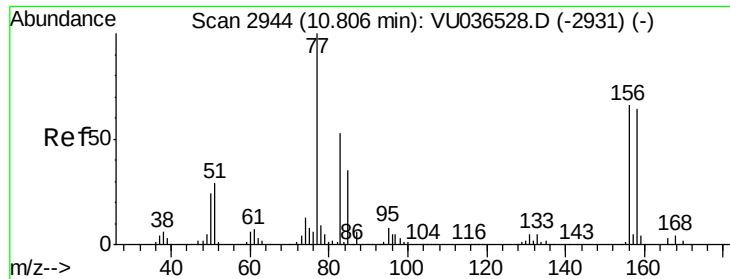
#69
 Isopropylbenzene
 Concen: 10.388 ug/l
 RT: 10.51 min Scan# 2851
 Delta R.T. 0.00 min
 Lab File: VU036530.D
 Acq: 22 Jan 2020 17:11

Tgt Ion:105 Resp: 499850
 Ion Ratio Lower Upper
 105 100
 120 27.3 13.6 40.7



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: 10.188 ug/l

RT: 10.81 min Scan# 2944

Delta R.T. 0.00 min

Lab File: VU036530.D

Acq: 22 Jan 2020 17:11

Instrument :

MSVOA_U

ClientSampleId :

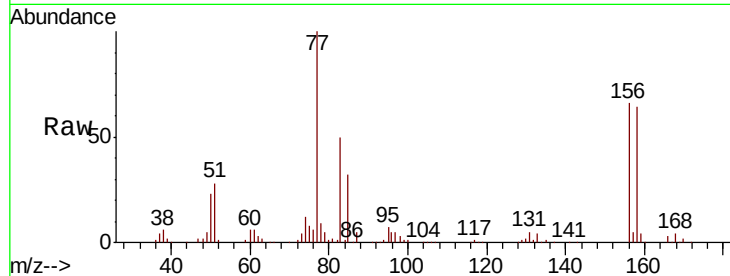
Tot Ion: 83 Resp: 95972

Ion Ratio Lower Upper

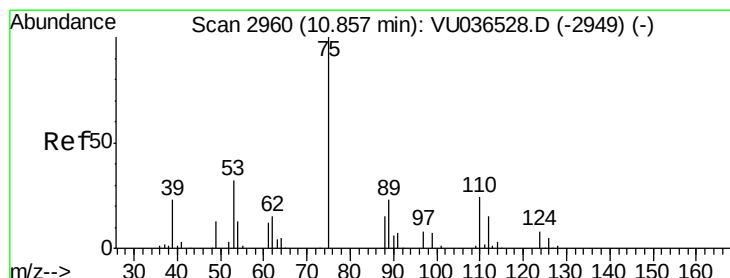
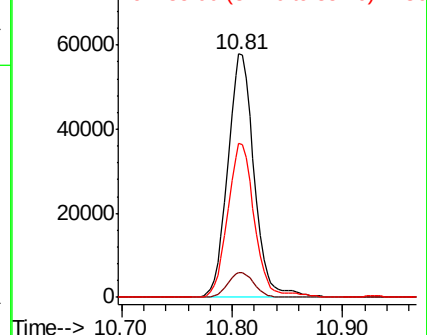
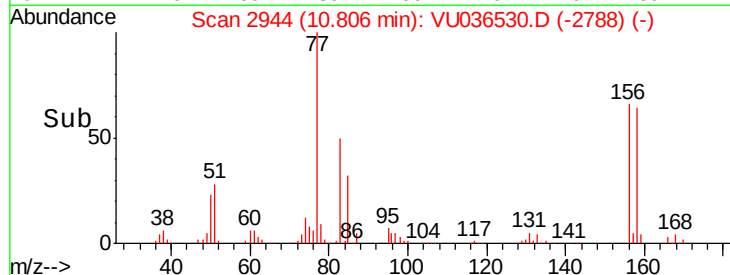
83 100

131 10.0 7.8 11.8

85 64.2 53.2 79.8



Abundance Ion 83.00 (82.70 to 83.70): VU036530.D (-2788) (-)



#71

1,2,3-Trichloropropane

Concen: 14.537 ug/l

RT: 10.85 min Scan# 2958

Delta R.T. -0.01 min

Lab File: VU036530.D

Acq: 22 Jan 2020 17:11

Tgt Ion: 75 Resp: 97706

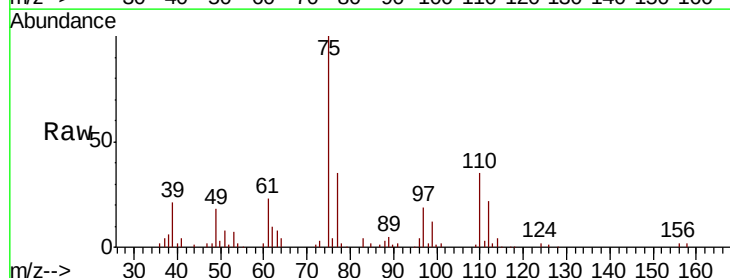
Ion Ratio Lower Upper

75 100

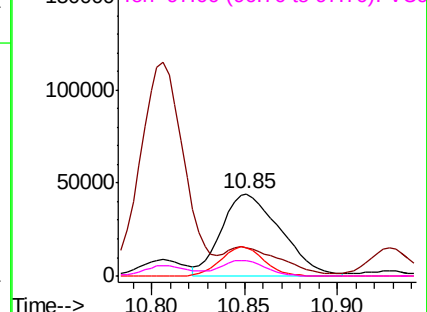
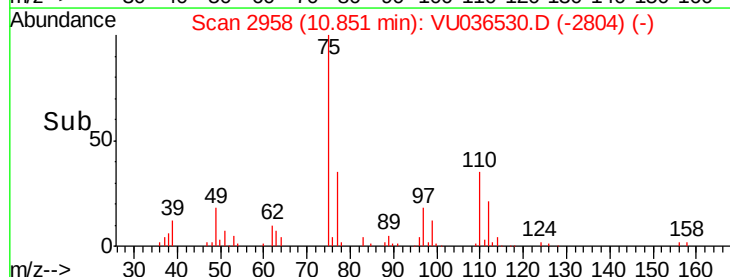
77 33.6 0.0 129.6

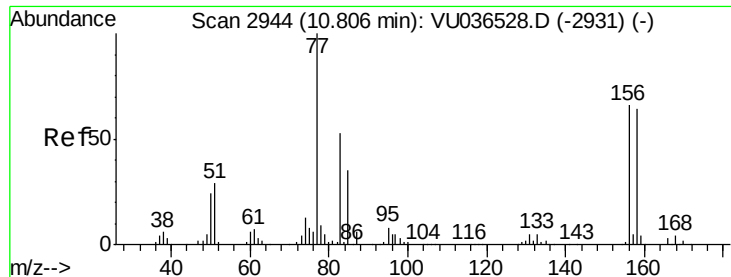
110 26.2 0.0 77.4

97 14.4 0.0 42.0



Abundance Ion 75.00 (74.70 to 75.70): VU036530.D (-2804) (-)





#72

Bromobenzene

Concen: 10.698 ug/l

RT: 10.81 min Scan# 2944

Delta R.T. 0.00 min

Lab File: VU036530.D

Acq: 22 Jan 2020 17:11

Instrument :

MSVOA_U

ClientSampled :

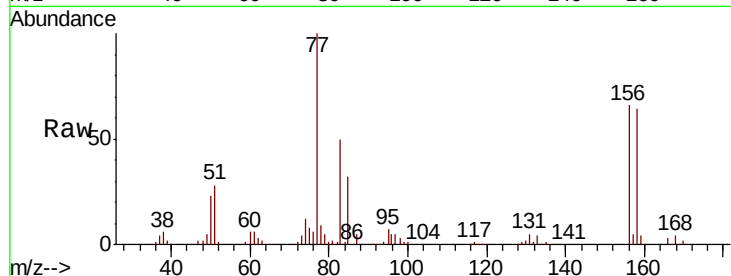
Tot Ion:156 Resp: 124016

Ion Ratio Lower Upper

156 100

77 152.7 0.0 306.6

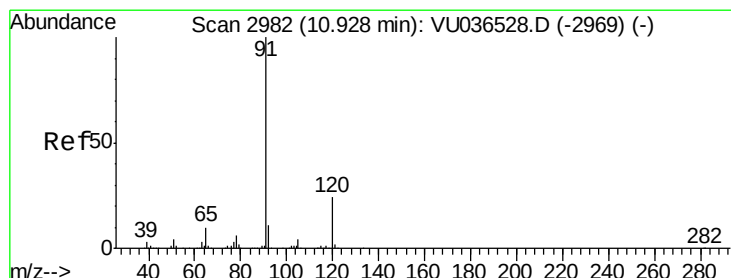
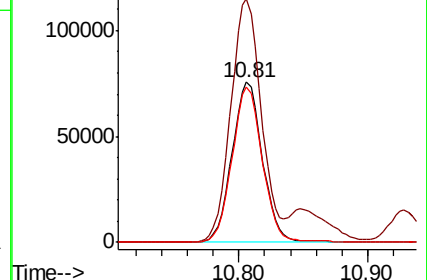
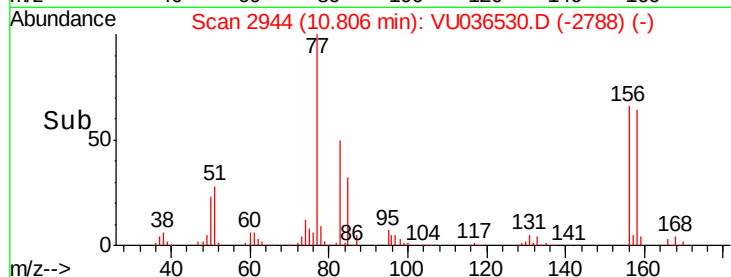
158 96.8 0.0 192.0



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 158.00 (157.70 to 158.70): V



#73

n-propylbenzene

Concen: 10.540 ug/l

RT: 10.93 min Scan# 2982

Delta R.T. 0.00 min

Lab File: VU036530.D

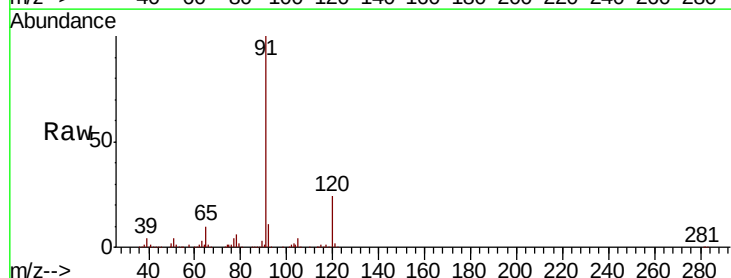
Acq: 22 Jan 2020 17:11

Tgt Ion:120 Resp: 142300

Ion Ratio Lower Upper

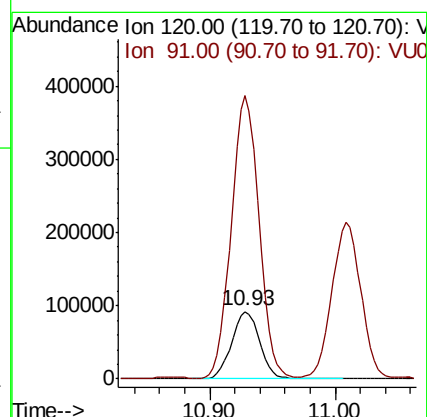
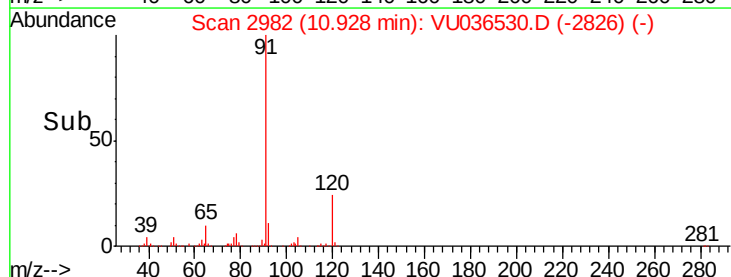
120 100

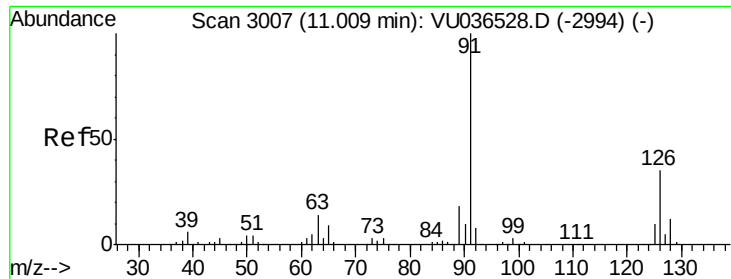
91 415.2 329.5 494.3



Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0





#74

2-Chlorotoluene

Concen: 10.129 ug/l

RT: 11.01 min Scan# 3007

Delta R.T. 0.00 min

Lab File: VU036530.D

Acq: 22 Jan 2020 17:11

Instrument :

MSVOA_U

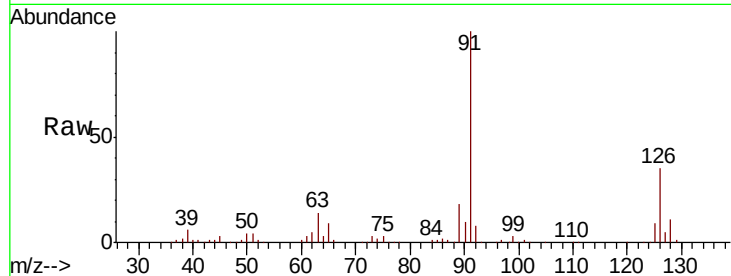
ClientSampled :

Tot Ion:126 Resp: 117450

Ion Ratio Lower Upper

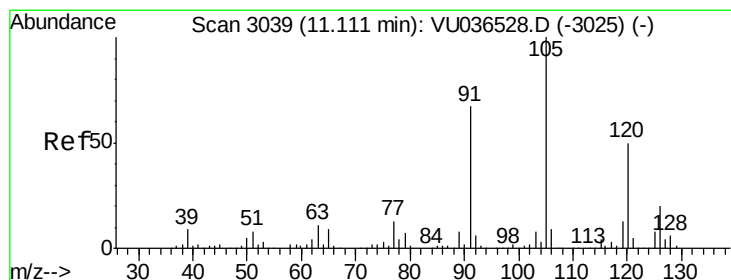
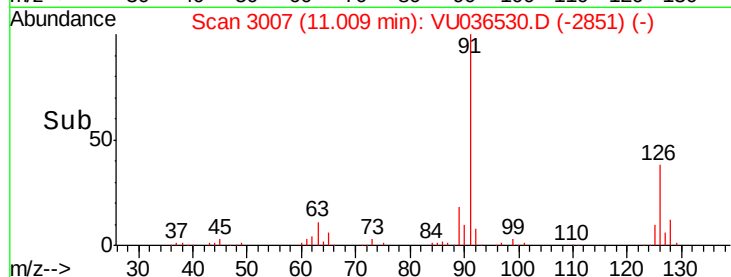
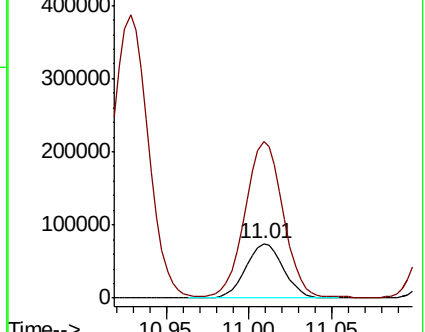
126 100

91 291.5 0.0 567.4



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: 10.646 ug/l

RT: 11.11 min Scan# 3038

Delta R.T. -0.00 min

Lab File: VU036530.D

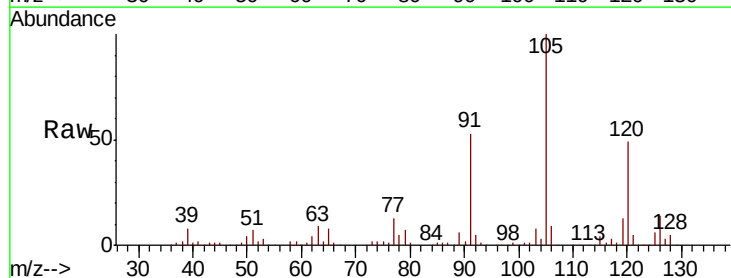
Acq: 22 Jan 2020 17:11

Tgt Ion:105 Resp: 439324

Ion Ratio Lower Upper

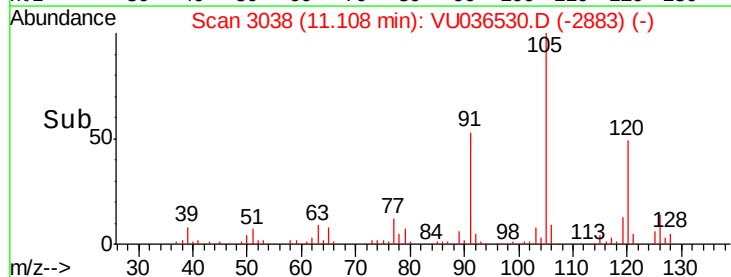
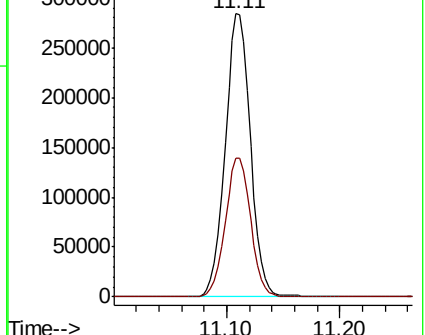
105 100

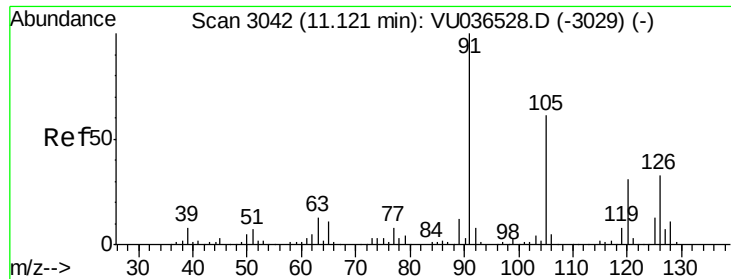
120 49.5 39.8 59.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

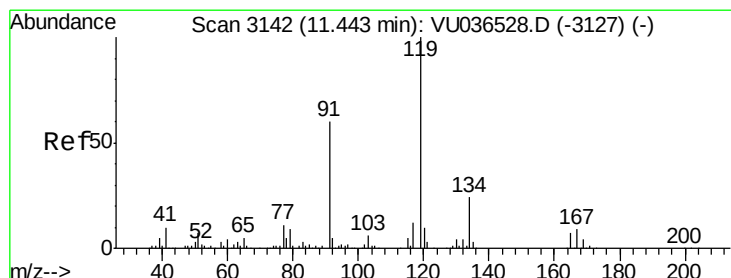
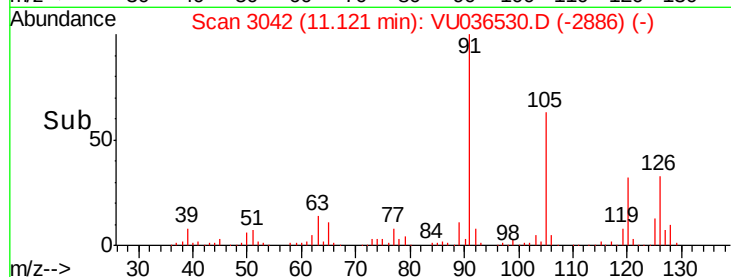
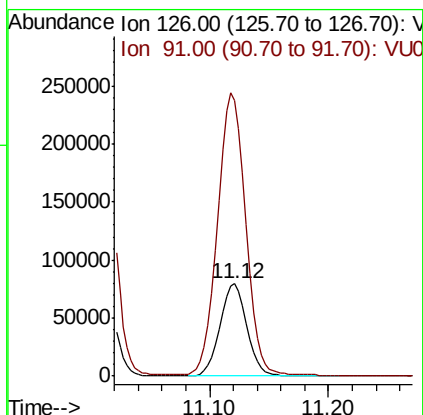
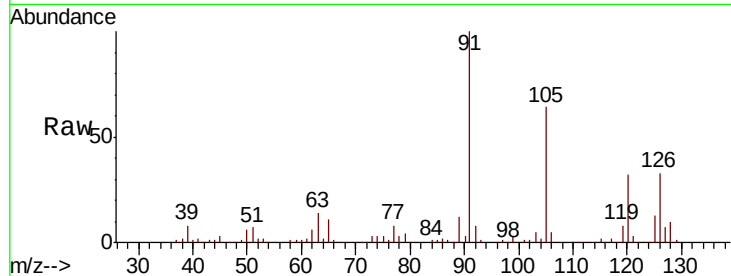




#76
4-Chlorotoluene
Concen: 10.450 ug/l
RT: 11.12 min Scan# 3042
Delta R.T. 0.00 min
Lab File: VU036530.D
Acq: 22 Jan 2020 17:11

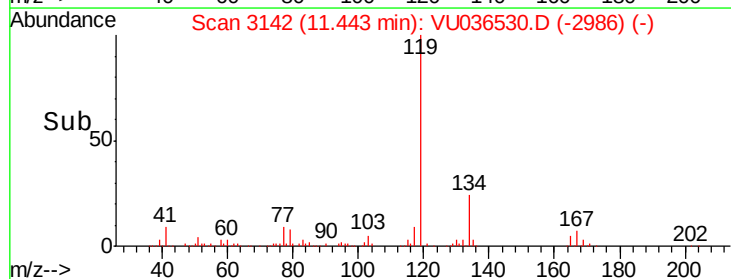
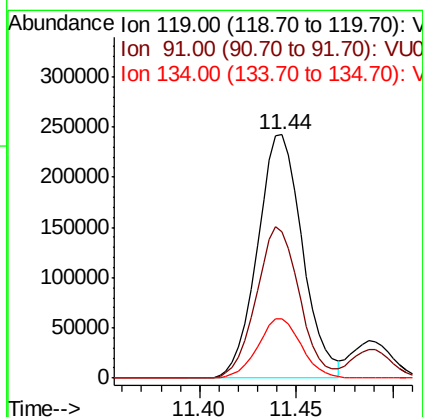
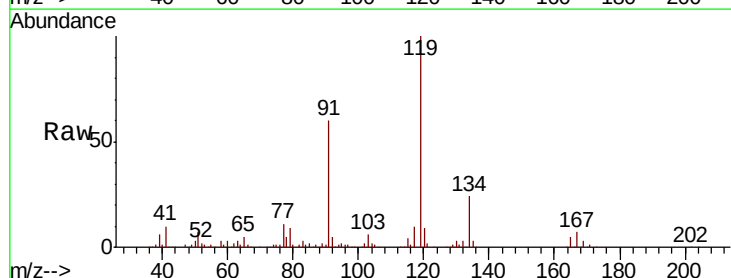
Instrument :
MSVOA_U
ClientSampleId :

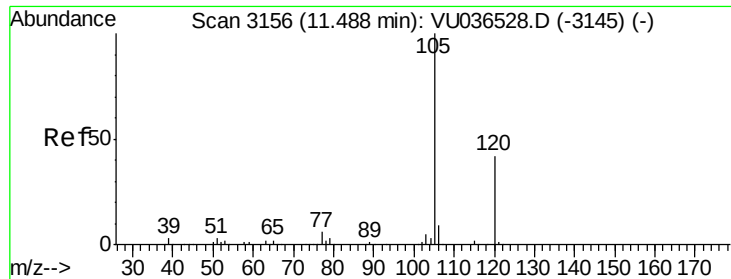
Tot Ion:126 Resp: 125198
Ion Ratio Lower Upper
126 100
91 322.0 0.0 633.0



#77
tert-Butylbenzene
Concen: 10.061 ug/l
RT: 11.44 min Scan# 3142
Delta R.T. 0.00 min
Lab File: VU036530.D
Acq: 22 Jan 2020 17:11

Tgt Ion:119 Resp: 393417
Ion Ratio Lower Upper
119 100
91 59.3 29.3 87.8
134 23.8 19.0 28.4

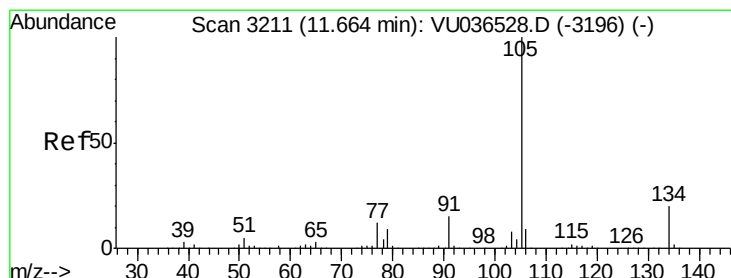
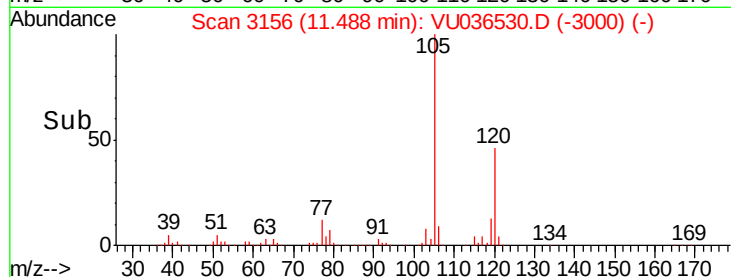
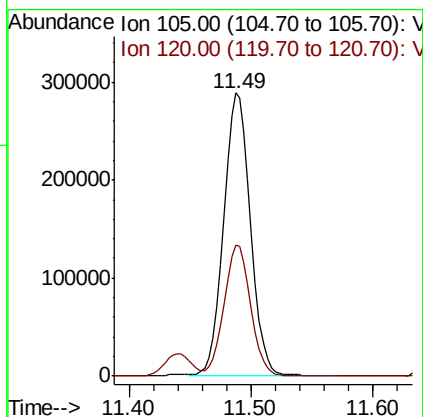
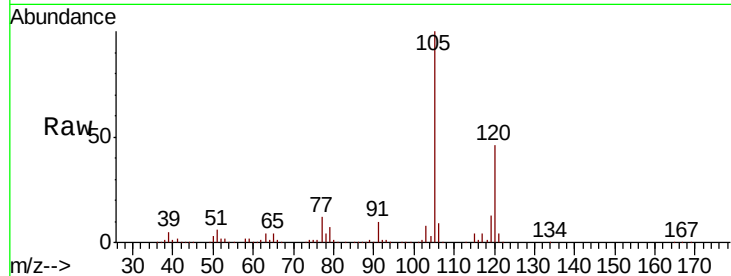




#78
 1,2,4-Trimethylbenzene
 Concen: 10.479 ug/l
 RT: 11.49 min Scan# 3156
 Delta R.T. 0.00 min
 Lab File: VU036530.D
 Acq: 22 Jan 2020 17:11

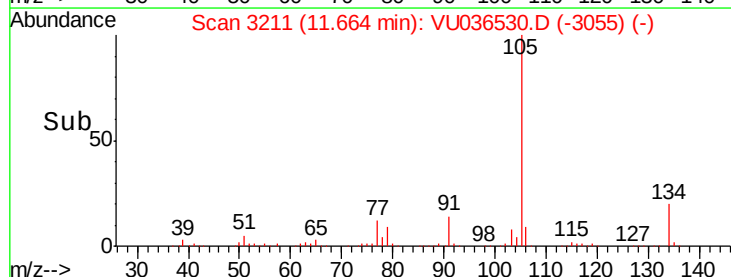
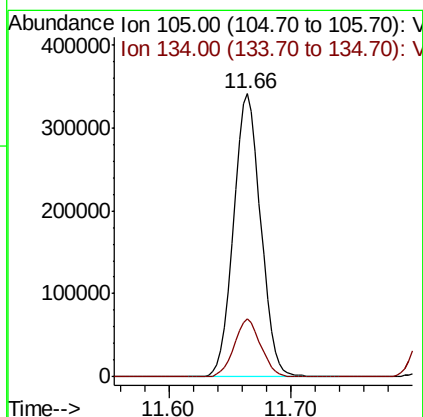
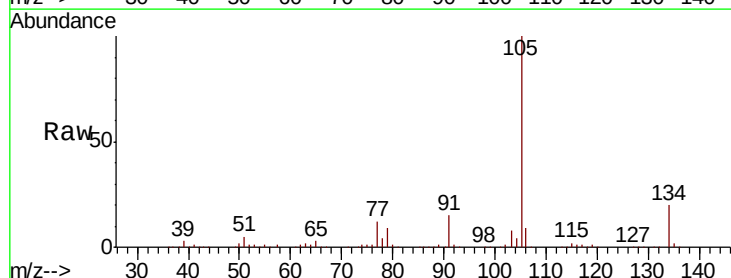
Instrument :
 MSVOA_U
 ClientSampleId :

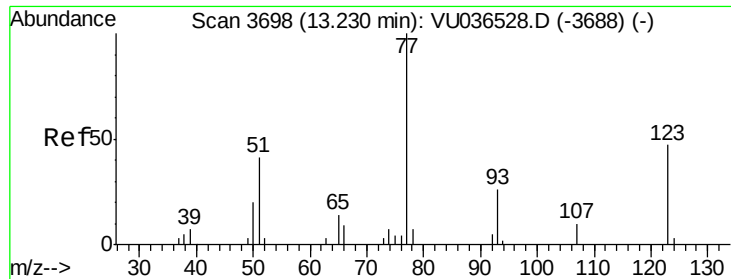
Tot Ion:105 Resp: 445896
 Ion Ratio Lower Upper
 105 100
 120 46.0 23.3 69.8



#79
 sec-Butylbenzene
 Concen: 9.686 ug/l
 RT: 11.66 min Scan# 3211
 Delta R.T. 0.00 min
 Lab File: VU036530.D
 Acq: 22 Jan 2020 17:11

Tgt Ion:105 Resp: 525492
 Ion Ratio Lower Upper
 105 100
 134 20.1 16.0 24.0

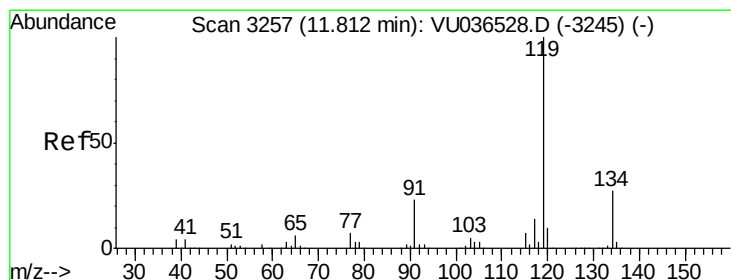
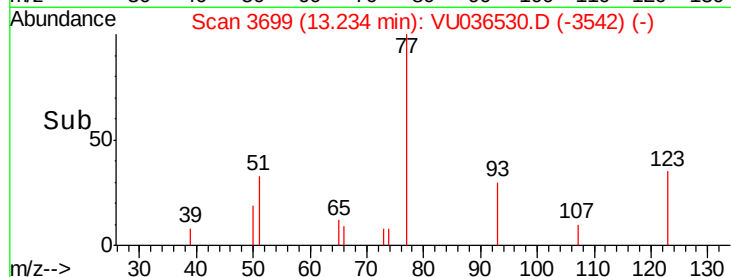
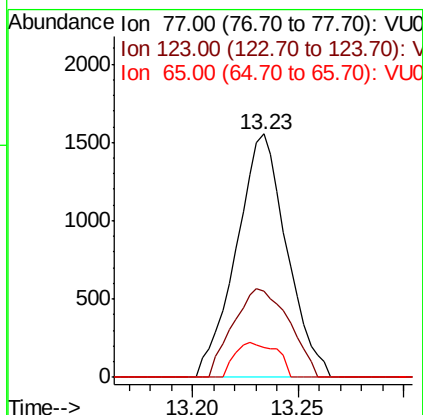
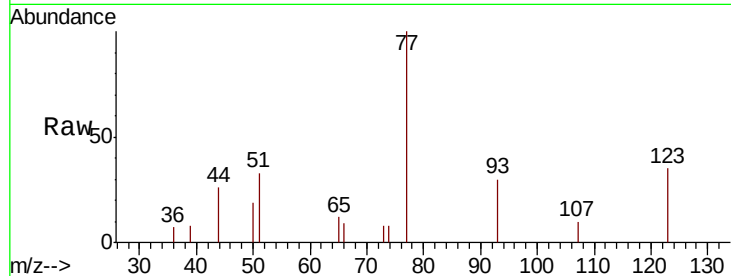




#80
Nitrobenzene
Concen: 20.761 ug/l
RT: 13.23 min Scan# 3699
Delta R.T. 0.00 min
Lab File: VU036530.D
Acq: 22 Jan 2020 17:11

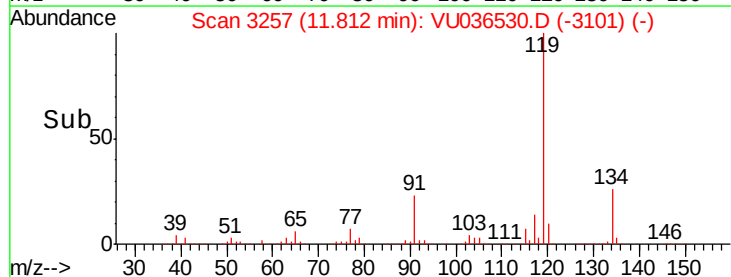
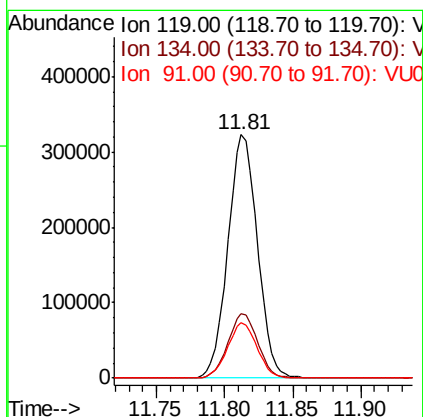
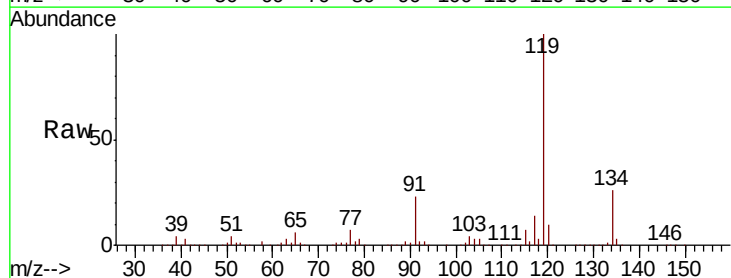
Instrument :
MSVOA_U
ClientSampleId :

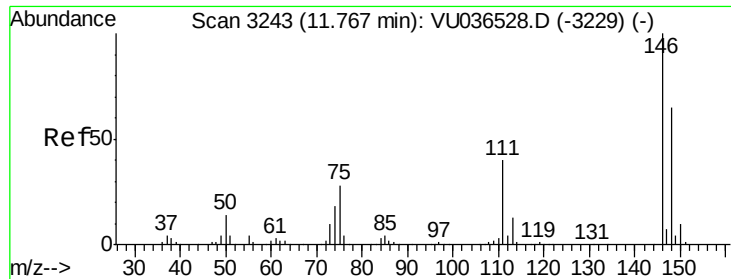
Tot Ion	Ratio	Lower	Upper
77	100		
123	40.2	19.6	69.6
65	0.0	12.7	16.1#



#81
p-Isopropyltoluene
Concen: 10.729 ug/l
RT: 11.81 min Scan# 3257
Delta R.T. 0.00 min
Lab File: VU036530.D
Acq: 22 Jan 2020 17:11

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.6	21.4	32.0
91	22.7	18.3	27.5

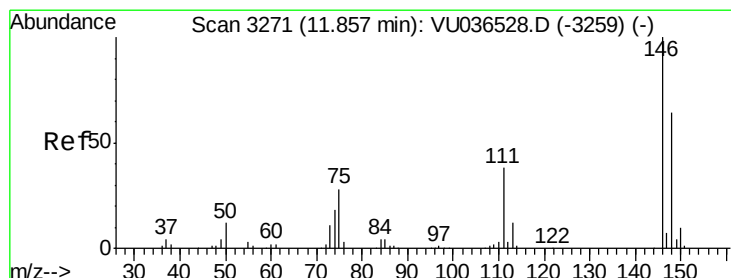
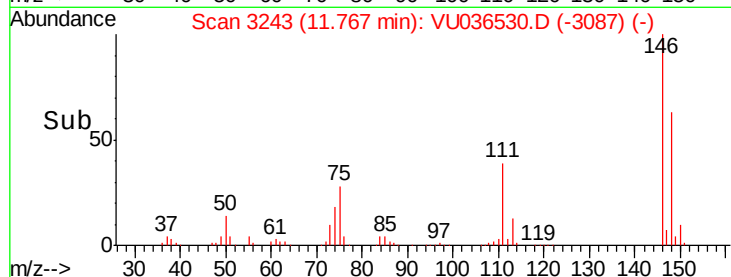
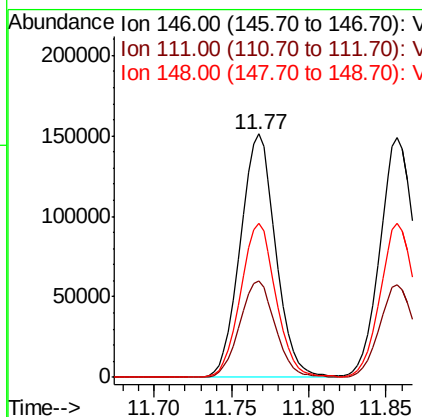
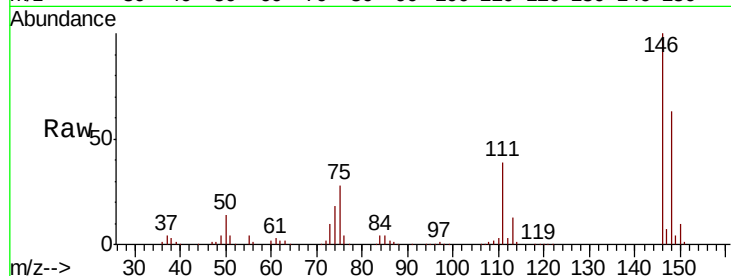




#82
 1,3-Dichlorobenzene
 Concen: 10.379 ug/l
 RT: 11.77 min Scan# 3243
 Delta R.T. 0.00 min
 Lab File: VU036530.D
 Acq: 22 Jan 2020 17:11

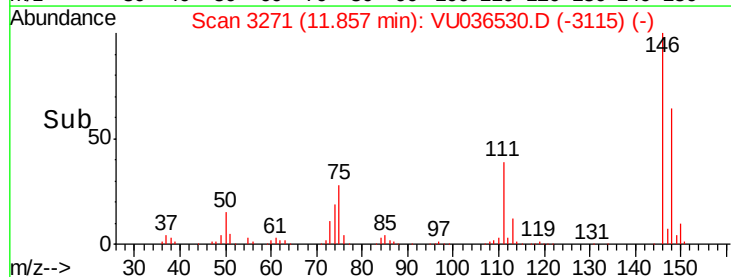
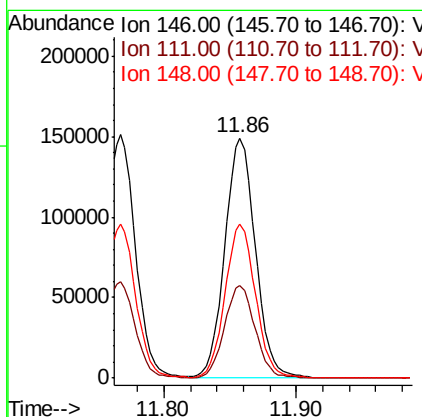
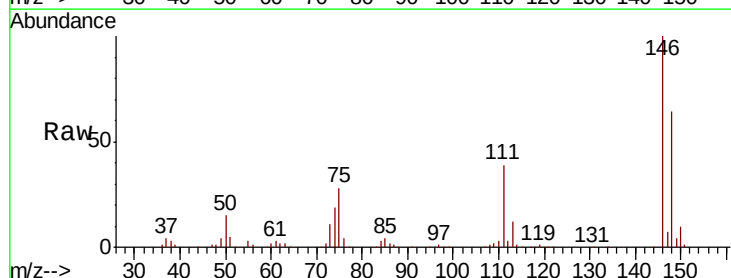
Instrument :
 MSVOA_U
 ClientSampleId :

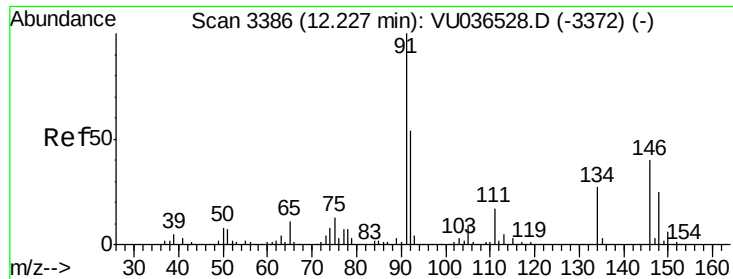
Tot Ion:146 Resp: 240721
 Ion Ratio Lower Upper
 146 100
 111 39.7 32.2 48.2
 148 63.2 51.4 77.2



#83
 1,4-Dichlorobenzene
 Concen: 10.326 ug/l
 RT: 11.86 min Scan# 3271
 Delta R.T. 0.00 min
 Lab File: VU036530.D
 Acq: 22 Jan 2020 17:11

Tgt Ion:146 Resp: 239373
 Ion Ratio Lower Upper
 146 100
 111 38.7 30.5 45.7
 148 63.9 51.0 76.4

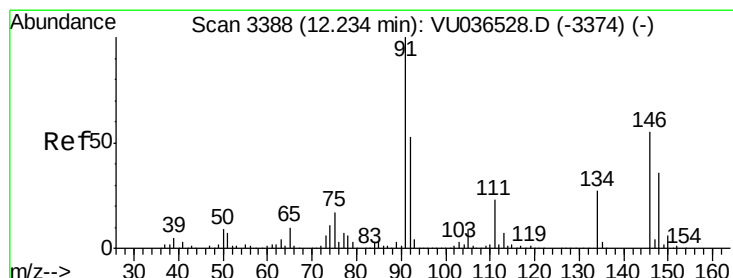
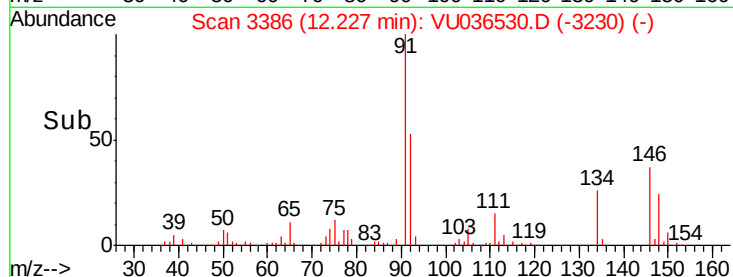
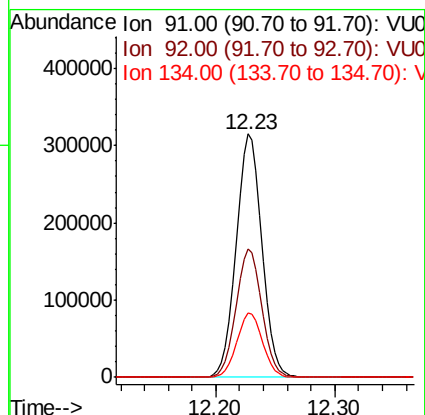
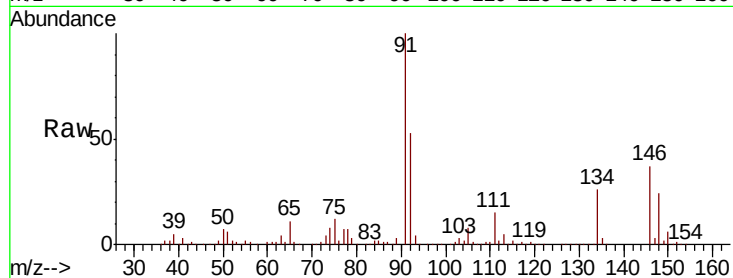




#84
n-Butylbenzene
Concen: 11.229 ug/l
RT: 12.23 min Scan# 3386
Delta R.T. 0.00 min
Lab File: VU036530.D
Acq: 22 Jan 2020 17:11

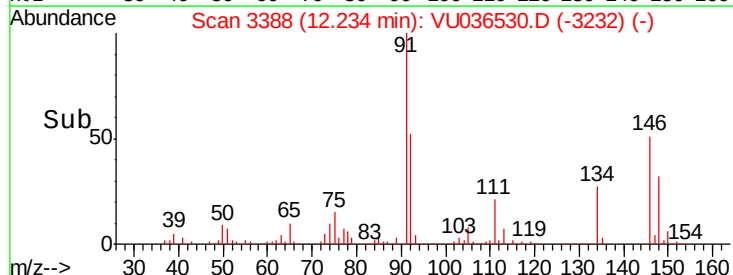
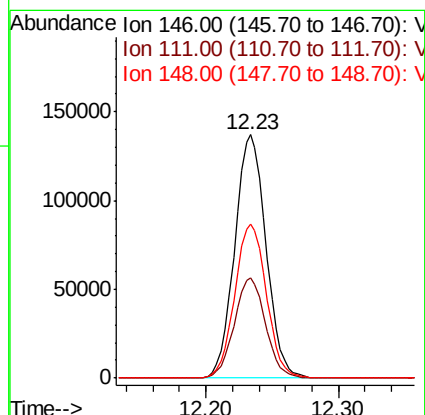
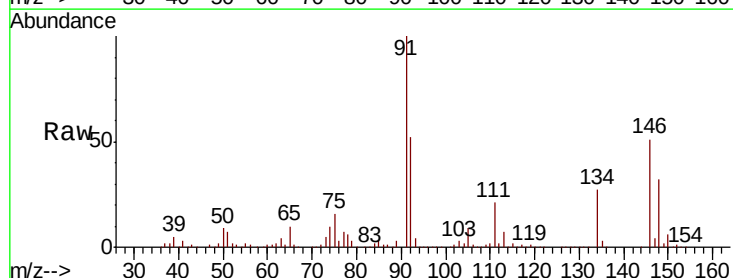
Instrument :
MSVOA_U
ClientSampled :

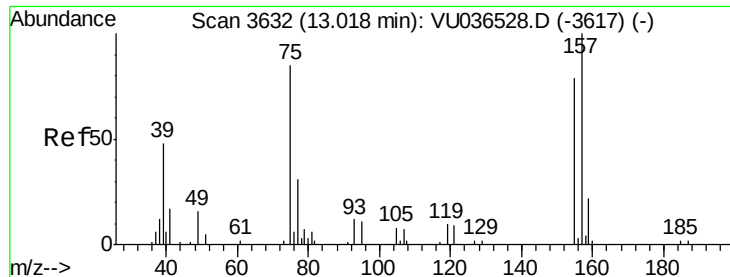
Tot Ion: 91 Resp: 470875
Ion Ratio Lower Upper
91 100
92 53.0 42.9 64.3
134 26.5 21.4 32.0



#85
1,2-Dichlorobenzene
Concen: 10.106 ug/l
RT: 12.23 min Scan# 3388
Delta R.T. 0.00 min
Lab File: VU036530.D
Acq: 22 Jan 2020 17:11

Tgt Ion: 146 Resp: 224296
Ion Ratio Lower Upper
146 100
111 41.2 20.8 62.4
148 63.9 32.0 96.2

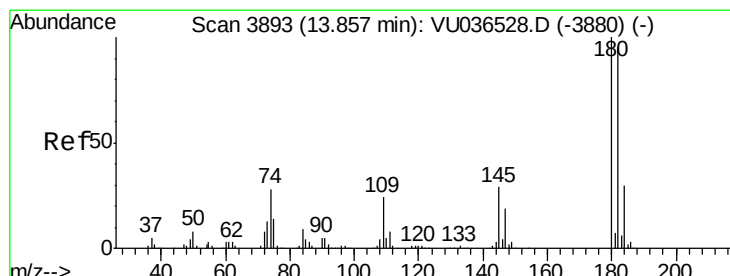
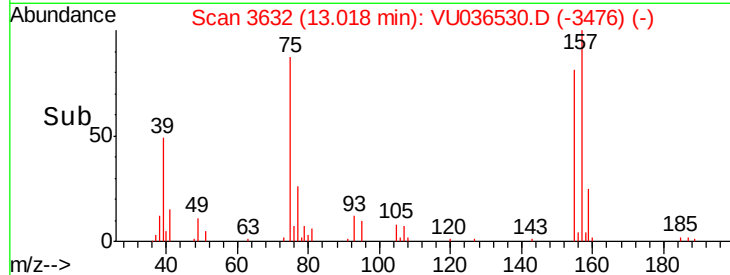
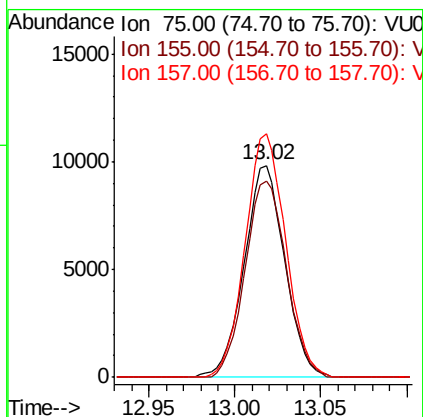
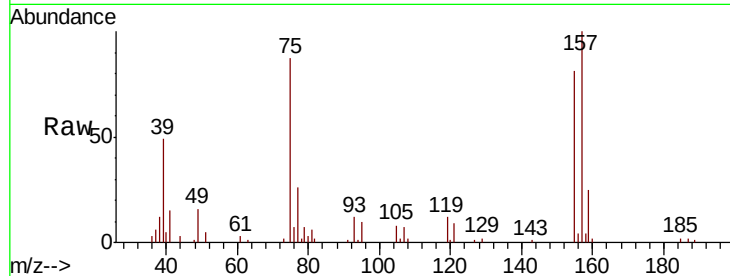




#86
 1,2-Dibromo-3-Chloropropane
 Concen: 10.087 ug/l
 RT: 13.02 min Scan# 3632
 Delta R.T. 0.00 min
 Lab File: VU036530.D
 Acq: 22 Jan 2020 17:11

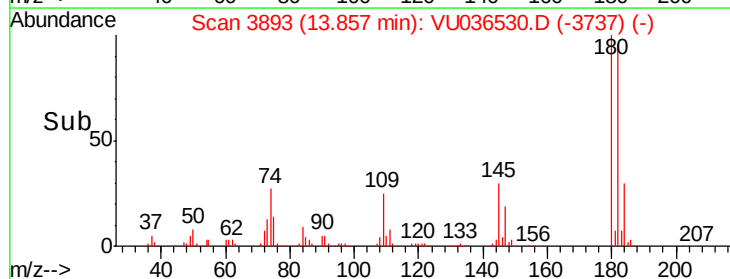
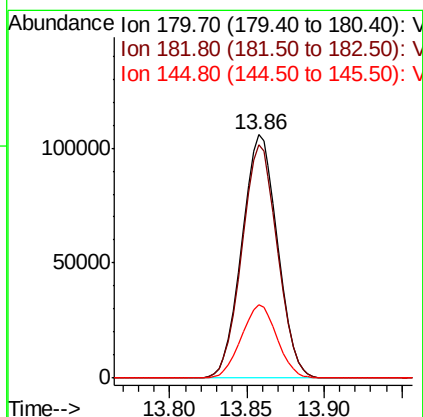
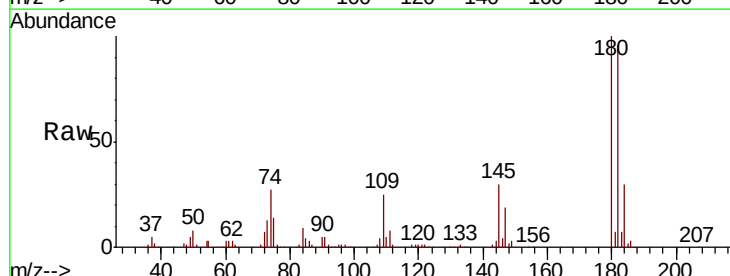
Instrument :
 MSVOA_U
 ClientSampleId :

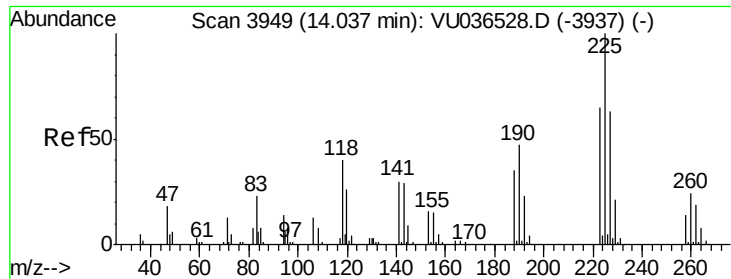
Tot Ion: 75 Resp: 16083
 Ion Ratio Lower Upper
 75 100
 155 94.1 71.8 107.8
 157 114.5 92.4 138.6



#87
 1,2,4-Trichlorobenzene
 Concen: 11.955 ug/l
 RT: 13.86 min Scan# 3893
 Delta R.T. 0.00 min
 Lab File: VU036530.D
 Acq: 22 Jan 2020 17:11

Tgt Ion: 180 Resp: 169719
 Ion Ratio Lower Upper
 180 100
 182 95.6 75.9 113.9
 145 30.1 23.4 35.2





#88

Hexachlorobutadiene

Concen: 10.764 ug/l

RT: 14.04 min Scan# 3949

Delta R.T. 0.00 min

Lab File: VU036530.D

Acq: 22 Jan 2020 17:11

Instrument :

MSVOA_U

ClientSampleId :

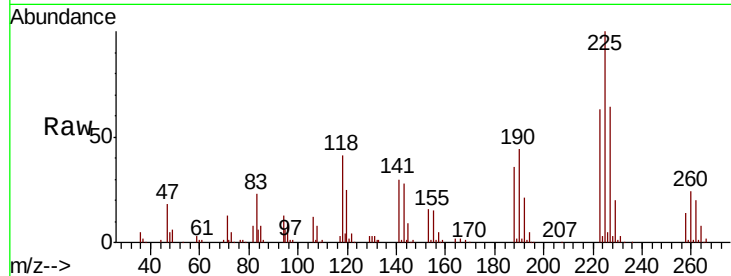
Tot Ion:225 Resp: 83749

Ion Ratio Lower Upper

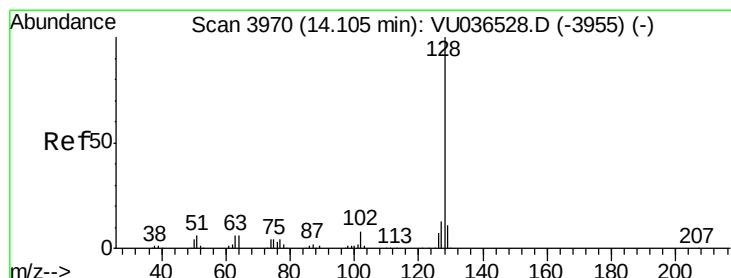
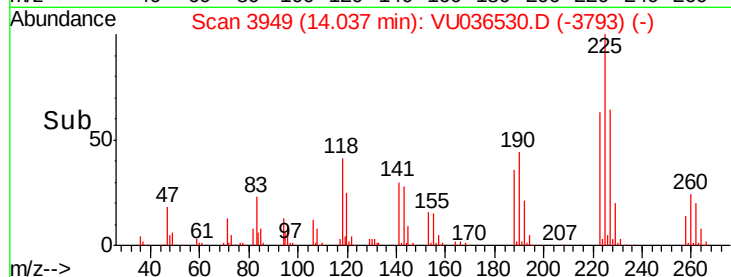
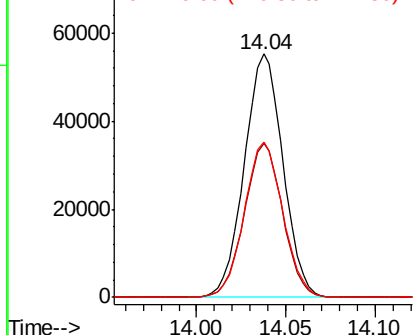
225 100

223 62.6 51.7 77.5

227 63.7 50.6 75.8



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: 12.415 ug/l

RT: 14.10 min Scan# 3970

Delta R.T. 0.00 min

Lab File: VU036530.D

Acq: 22 Jan 2020 17:11

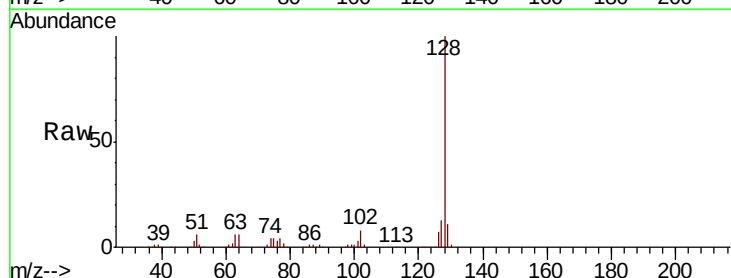
Tgt Ion:128 Resp: 303657

Ion Ratio Lower Upper

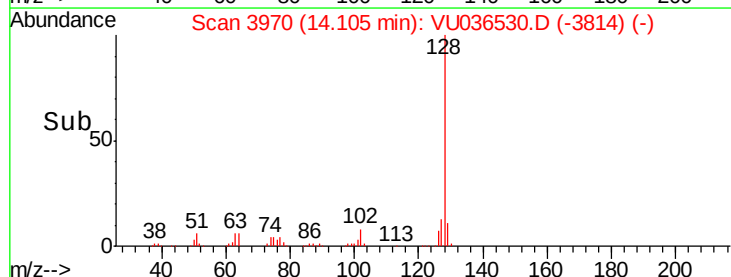
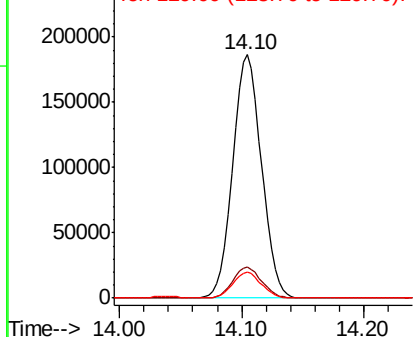
128 100

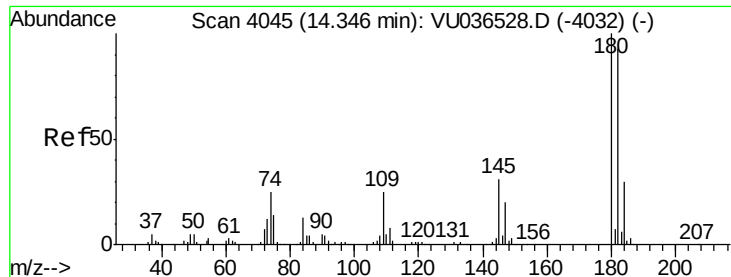
127 12.8 10.5 15.7

129 10.6 8.7 13.1



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: 11.431 ug/l
 RT: 14.35 min Scan# 4045
 Delta R.T. 0.00 min
 Lab File: VU036530.D
 Acq: 22 Jan 2020 17:11

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:180 Resp: 152612
 Ion Ratio Lower Upper
 180 100
 182 96.2 76.2 114.4
 145 32.0 25.2 37.8

