

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U012320\
 Data File : VU036532.D
 Acq On : 23 Jan 2020 10:00
 Operator : JC/MD
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 24 00:50:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U012220DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Jan 23 08:59:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	6.15	96	37111	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.65	95	15311	1.09	ug/l	0.00
Spiked Amount 1.000			Recovery	=	109.00%	
68) 1,2-Dichlorobenzene-d4	12.21	152	14085	0.98	ug/l	0.00
Spiked Amount 1.000			Recovery	=	98.00%	

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	126792	10.336	ug/l 99
3) Chloromethane	1.54	50	134861	10.254	ug/l 97
4) Vinyl Chloride	1.62	62	152739	10.254	ug/l 100
5) Bromomethane	1.87	94	86599	9.356	ug/l 99
6) Chloroethane	1.95	64	81294	9.212	ug/l 100
7) Trichlorofluoromethane	2.16	101	152107	10.335	ug/l 98
8) 1,1,2-Trichloro-1,2,2-trif	2.61	101	93347	10.182	ug/l 99
9) 1,1-Dichloroethene	2.61	96	99711	10.217	ug/l 98
10) Iodomethane	2.75	142	128968	9.669	ug/l 99
11) Allyl Chloride	2.95	41	139032	10.304	ug/l 99
12) Acrylonitrile	3.37	53	47186	19.713	ug/l 97
13) Acetone	2.67	43	78569	48.441	ug/l 99
14) Carbon Disulfide	2.82	76	342054	10.120	ug/l 100
15) Methylene Chloride	3.08	84	113331	8.817	ug/l 99
16) trans-1,2-Dichloroethene	3.39	96	109504	10.172	ug/l 99
17) 1,1-Dichloroethane	3.91	63	180266	10.275	ug/l 99
18) 2-Butanone	4.78	43	124105	48.293	ug/l 99
19) Cyclohexane	5.42	56	151448	9.445	ug/l 93
20) Methylcyclohexane	6.79	83	188016	10.502	ug/l 99
21) 2,2-Dichloropropane	4.71	77	158330	10.572	ug/l 99
22) cis-1,2-Dichloroethene	4.71	96	112830	10.102	ug/l 98
23) Diethyl Ether	2.40	59	75809	10.056	ug/l 98
24) tert-Butyl Alcohol	3.28	59	67484	100.165	ug/l 100
25) Methyl tert-Butyl Ether	3.41	73	260701	10.194	ug/l 99
26) Bromochloromethane	5.02	128	49750	10.284	ug/l 98
27) Chloroform	5.13	83	177419	10.225	ug/l 100
28) 1,1,1-Trichloroethane	5.36	97	149866	10.300	ug/l 99
29) 1,1-Dichloropropene	5.57	75	144889	10.203	ug/l 100
30) Carbon Tetrachloride	5.56	117	128027	10.276	ug/l 98
31) Isopropyl Ether	4.05	45	277706	10.428	ug/l 99
32) Ethyl-t-butyl ether	4.56	59	285506	10.247	ug/l 99
33) Tert-Amyl methyl ether	5.99	73	260910	10.227	ug/l 100
34) Propionitrile	4.84	54	38218	51.593	ug/l 98
35) Benzene	5.81	78	415505	10.104	ug/l 99
36) 1,2-Dichloroethane	5.84	62	113023	10.210	ug/l 100
37) Trichloroethene	6.58	130	113348	9.984	ug/l 99
38) 1,2-Dichloropropane	6.83	63	105216	10.177	ug/l 99
39) Methacrylonitrile	5.03	41	32735	10.515	ug/l 98
40) Methyl acrylate	4.90	55	55683	11.285	ug/l 99
41) Tetrahydrofuran	5.12	42	32717	19.289	ug/l 99
42) 1-Chlorobutane	5.50	56	186578	10.141	ug/l 98

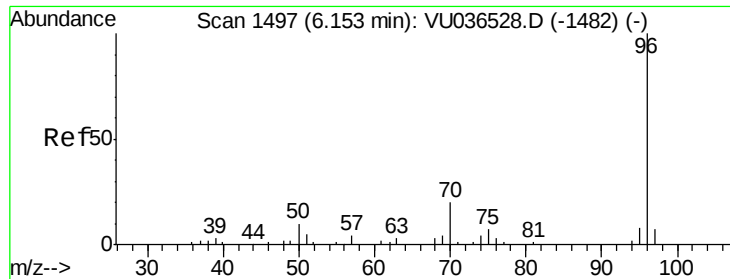
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU012320\
 Data File : VU036532.D
 Acq On : 23 Jan 2020 10:00
 Operator : JC/MD
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 24 00:50:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U012220DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Jan 23 08:59:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.95	93	55064	10.204	ug/l	99
44) Bromodichloromethane	7.14	83	130614	10.233	ug/l	100
45) 4-Methyl-2-Pentanone	7.84	43	302198	49.705	ug/l	100
46) t-1,4-Dichloro-2-butene	10.85	75	132155	49.358	ug/l #	63
47) Methyl methacrylate	7.00	69	105793	20.006	ug/l	99
48) Ethyl methacrylate	8.37	69	106751	10.451	ug/l	99
49) Toluene	8.00	92	264702	10.084	ug/l	99
50) t-1,3-Dichloropropene	8.24	75	137384	10.801	ug/l	99
51) cis-1,3-Dichloropropene	7.64	75	162606	10.548	ug/l	99
52) 1,1,2-Trichloroethane	8.43	97	76346	9.972	ug/l	99
53) 1,3-Dichloropropane	8.61	76	132585	10.103	ug/l	98
54) 2-Hexanone	8.72	43	214035	50.198	ug/l	98
55) Dibromochloromethane	8.84	129	92495	10.493	ug/l	97
56) 1,2-Dibromoethane	8.95	107	75000	10.173	ug/l	99
58) Tetrachloroethene	8.58	164	100719	8.876	ug/l	99
59) Chlorobenzene	9.47	112	298203	10.199	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.56	131	95170	10.191	ug/l	98
61) Pentachloroethane	11.45	117	77748	12.905	ug/l	100
62) Hexachloroethane	12.50	117	78620	10.239	ug/l	99
63) Ethyl Benzene	9.60	91	504761	10.301	ug/l	98
64) m/p-Xylenes	9.72	106	395015	20.365	ug/l	100
65) o-Xylene	10.12	106	191369	10.189	ug/l	99
66) Styrene	10.14	104	322707	10.260	ug/l	100
67) Bromoform	10.32	173	52826	10.466	ug/l	99
69) Isopropylbenzene	10.51	105	503824	10.211	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.81	83	99382	10.288	ug/l	97
71) 1,2,3-Trichloropropane	10.85	75	132155	19.174	ug/l	64
72) Bromobenzene	10.81	156	122686	10.320	ug/l	100
73) n-propylbenzene	10.93	120	144240	10.419	ug/l	99
74) 2-Chlorotoluene	11.01	126	119283	10.031	ug/l	98
75) 1,3,5-Trimethylbenzene	11.11	105	428534	10.126	ug/l	100
76) 4-Chlorotoluene	11.12	126	124646	10.145	ug/l	97
77) tert-Butylbenzene	11.44	119	416342	10.382	ug/l	99
78) 1,2,4-Trimethylbenzene	11.49	105	441457	10.117	ug/l	99
79) sec-Butylbenzene	11.66	105	564241	10.142	ug/l	100
80) Nitrobenzene	13.23	77	6211	44.806	ug/l	95
81) p-Isopropyltoluene	11.81	119	477388	10.266	ug/l	100
82) 1,3-Dichlorobenzene	11.77	146	238878	10.044	ug/l	99
83) 1,4-Dichlorobenzene	11.86	146	237240	9.980	ug/l	99
84) n-Butylbenzene	12.23	91	453045	10.535	ug/l	100
85) 1,2-Dichlorobenzene	12.23	146	224967	9.885	ug/l	100
86) 1,2-Dibromo-3-Chloropropan	13.02	75	16148	9.876	ug/l	98
87) 1,2,4-Trichlorobenzene	13.86	180	157209	10.799	ug/l	99
88) Hexachlorobutadiene	14.04	225	80180	10.049	ug/l	100
89) Naphthalene	14.10	128	274046	10.926	ug/l	100
90) 1,2,3-Trichlorobenzene	14.35	180	142299	10.393	ug/l	100

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



#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 6.15 min Scan# 1497

Delta R.T. 0.00 min

Lab File: VU036532.D

Acq: 23 Jan 2020 10:00

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 96 Resp: 37111

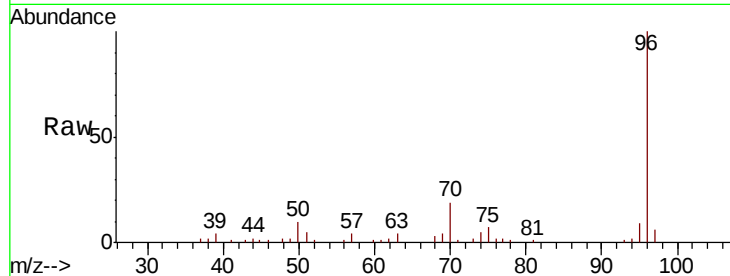
Ion Ratio Lower Upper

96 100

70 18.8 15.6 23.4

95 9.3 7.0 10.6

97 0.0 0.0 0.0

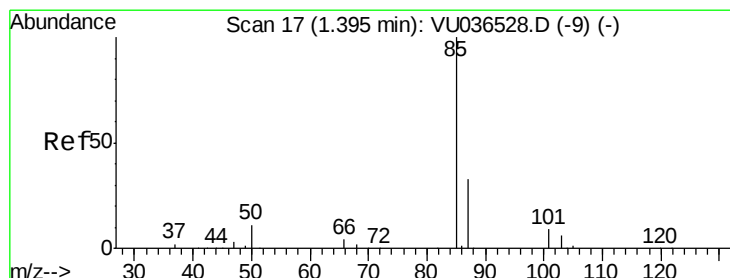
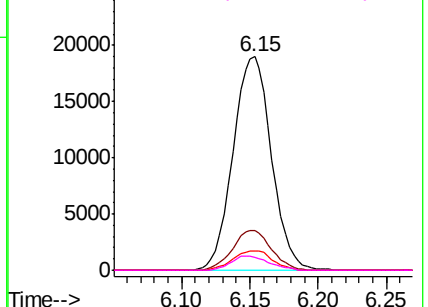
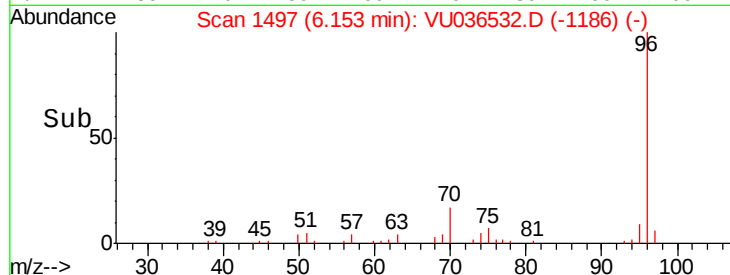


Abundance Ion 96.00 (95.70 to 96.70): VU036532.D (-1186) (-)

Ion 70.00 (69.70 to 70.70): VU036532.D (-1186) (-)

Ion 95.00 (94.70 to 95.70): VU036532.D (-1186) (-)

Ion 97.00 (96.70 to 97.70): VU036532.D (-1186) (-)



#2

Dichlorodifluoromethane

Concen: 10.336 ug/l

RT: 1.39 min Scan# 17

Delta R.T. 0.00 min

Lab File: VU036532.D

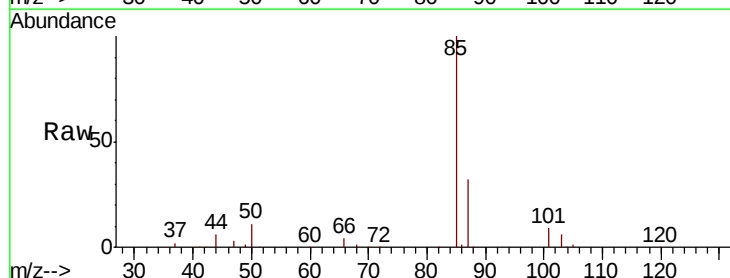
Acq: 23 Jan 2020 10:00

Tgt Ion: 85 Resp: 126792

Ion Ratio Lower Upper

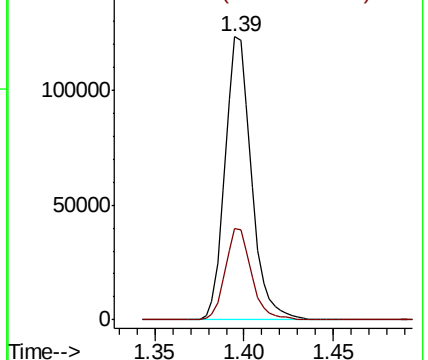
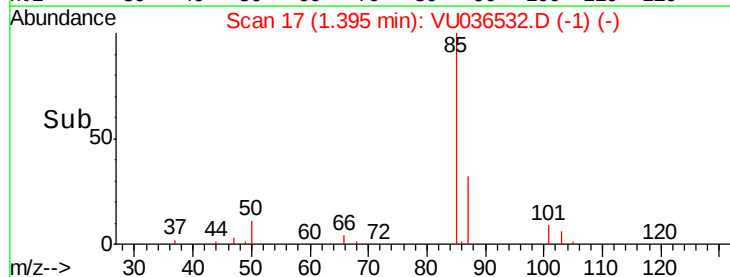
85 100

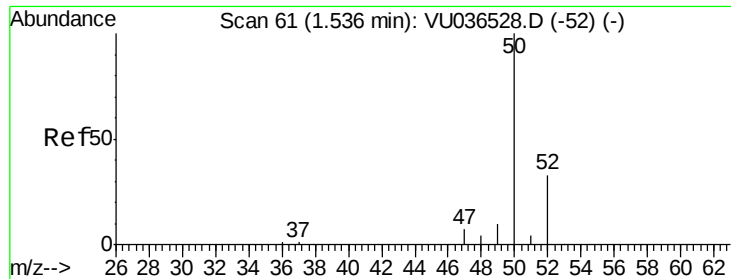
87 32.2 16.4 49.2



Abundance Ion 85.00 (84.70 to 85.70): VU036532.D (-1) (-)

Ion 87.00 (86.70 to 87.70): VU036532.D (-1) (-)





#3

Chloromethane

Concen: 10.254 ug/l

RT: 1.54 min Scan# 62

Delta R.T. 0.00 min

Lab File: VU036532.D

Acq: 23 Jan 2020 10:00

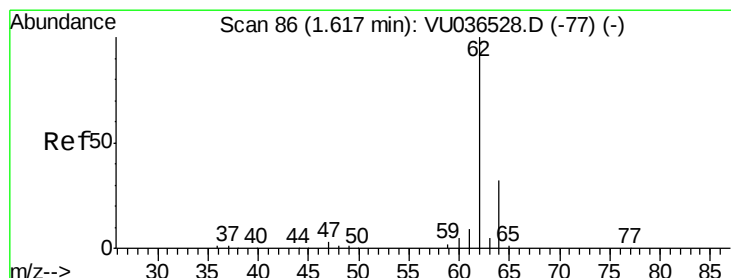
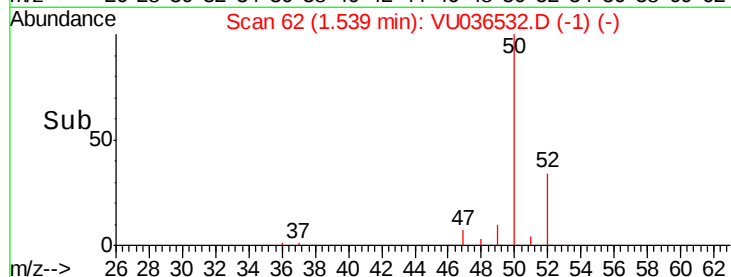
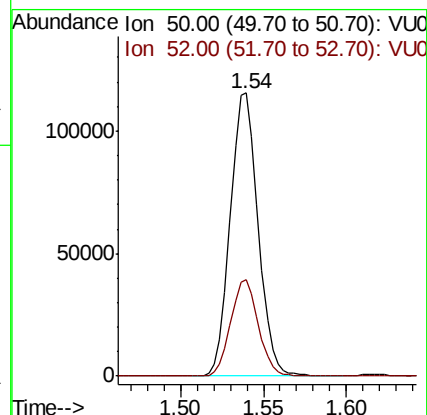
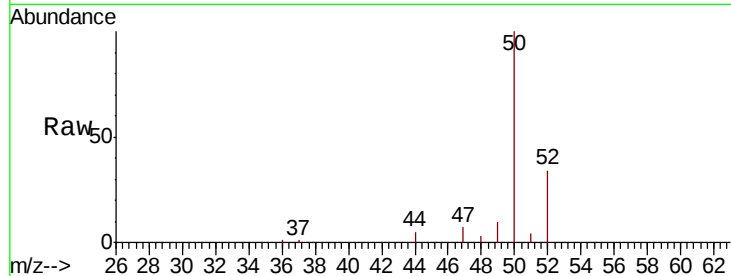
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 50 Resp: 134861

Ion Ratio Lower Upper

50 100

52 34.0 26.0 39.0



#4

Vinyl Chloride

Concen: 10.254 ug/l

RT: 1.62 min Scan# 86

Delta R.T. 0.00 min

Lab File: VU036532.D

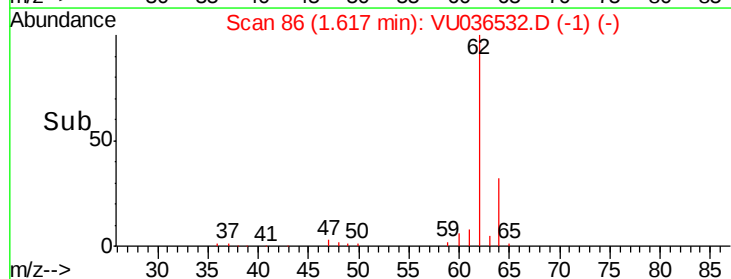
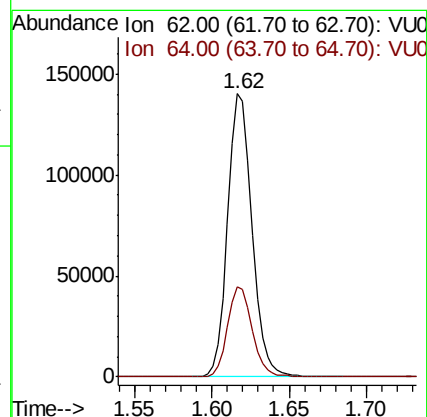
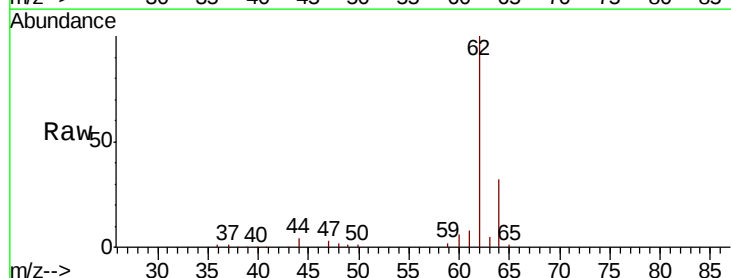
Acq: 23 Jan 2020 10:00

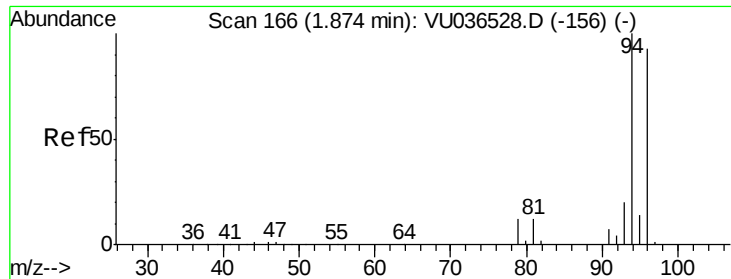
Tgt Ion: 62 Resp: 152739

Ion Ratio Lower Upper

62 100

64 31.8 25.4 38.2

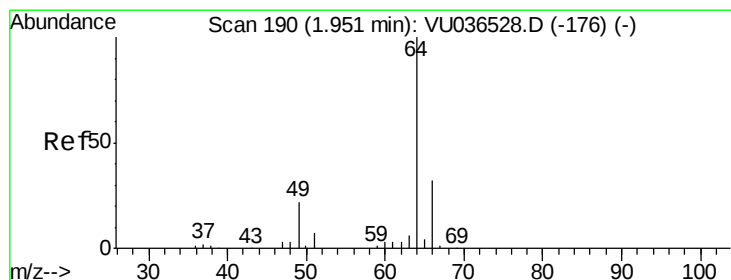
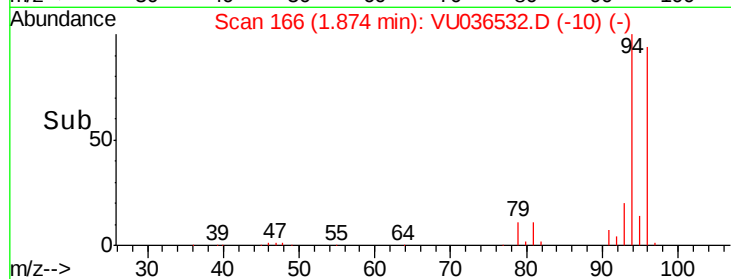
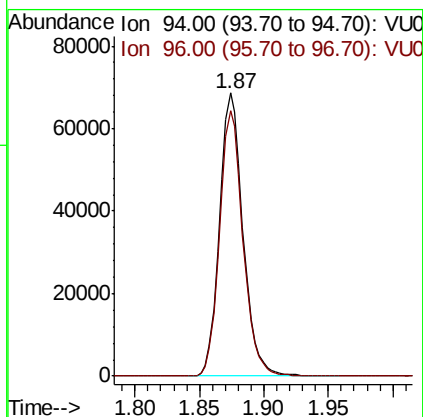
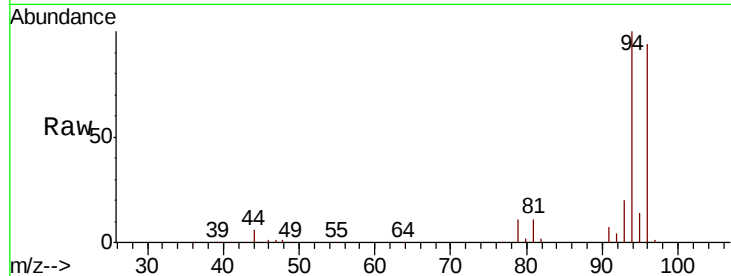




#5
Bromomethane
Concen: 9.356 ug/l
RT: 1.87 min Scan# 166
Delta R.T. 0.00 min
Lab File: VU036532.D
Acq: 23 Jan 2020 10:00

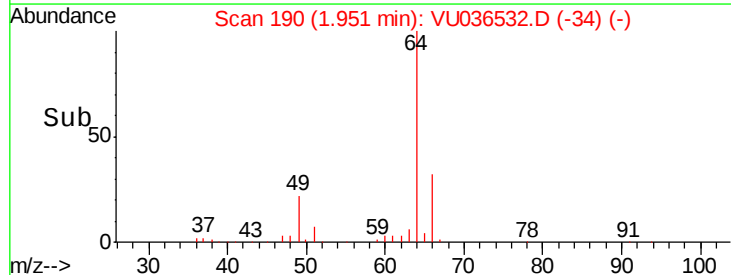
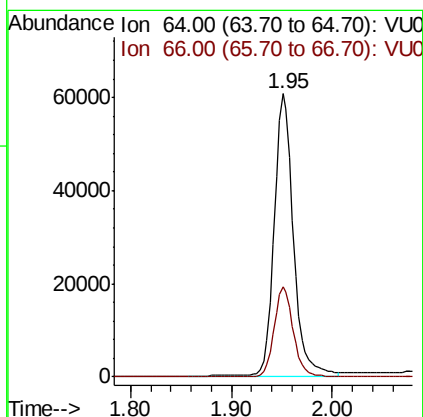
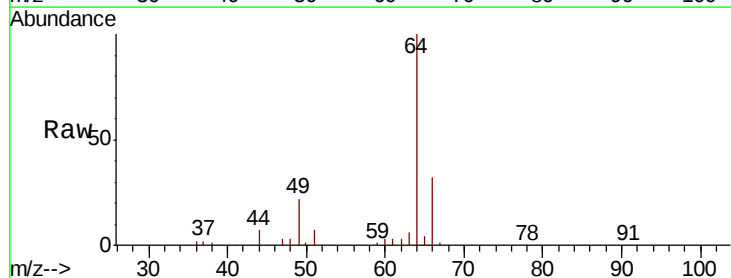
Instrument :
MSVOA_U
ClientSampleId :

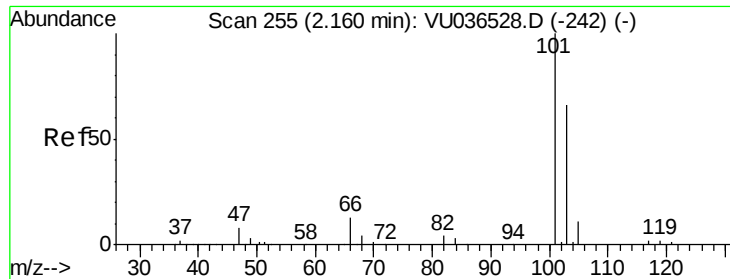
Tot Ion: 94 Resp: 86599
Ion Ratio Lower Upper
94 100
96 93.9 74.6 112.0



#6
Chloroethane
Concen: 9.212 ug/l
RT: 1.95 min Scan# 190
Delta R.T. 0.00 min
Lab File: VU036532.D
Acq: 23 Jan 2020 10:00

Tgt Ion: 64 Resp: 81294
Ion Ratio Lower Upper
64 100
66 31.8 25.5 38.3



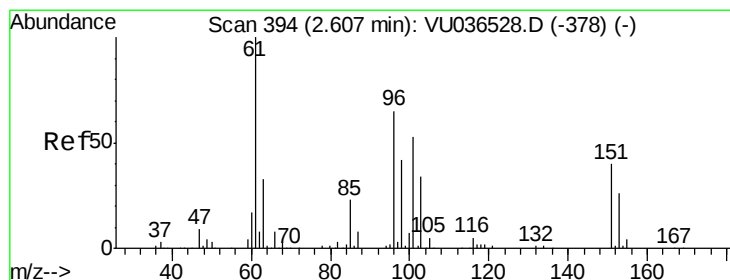
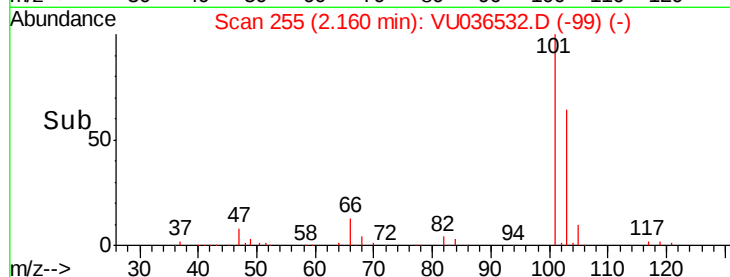
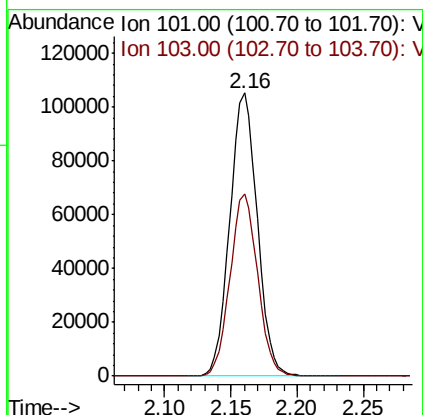
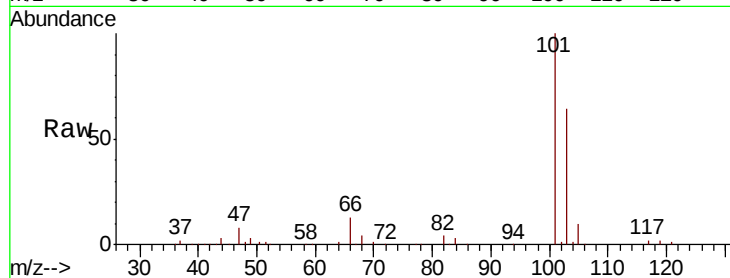


#7

Trichlorofluoromethane
 Concen: 10.335 ug/l
 RT: 2.16 min Scan# 255
 Delta R.T. 0.00 min
 Lab File: VU036532.D
 Acq: 23 Jan 2020 10:00

Instrument :
 MSVOA_U
 ClientSampleId :

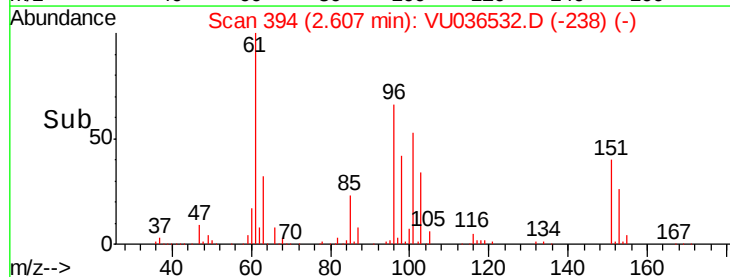
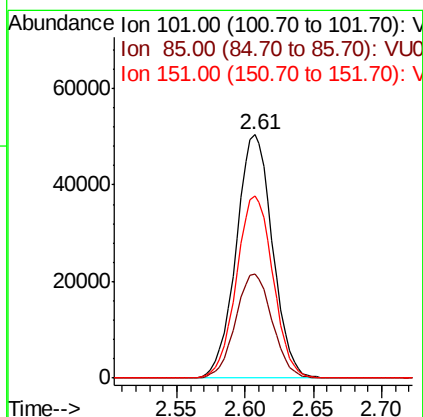
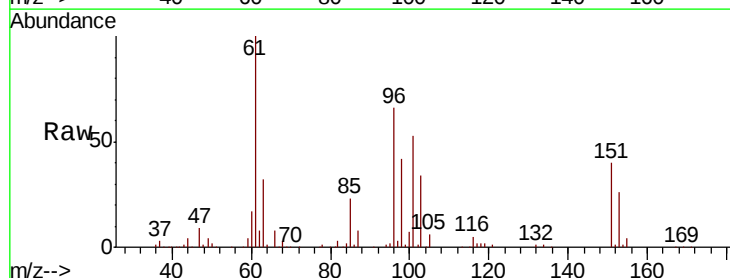
Tot Ion:101 Resp: 152107
 Ion Ratio Lower Upper
 101 100
 103 64.4 53.0 79.6

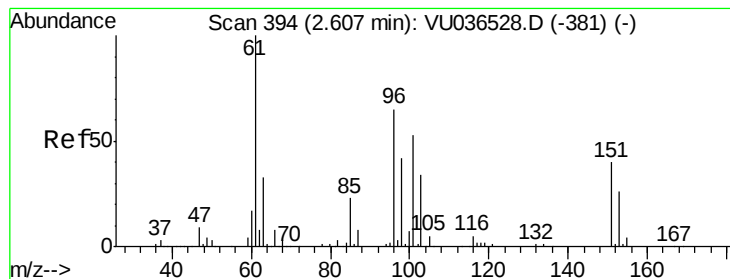


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 10.182 ug/l
 RT: 2.61 min Scan# 394
 Delta R.T. 0.00 min
 Lab File: VU036532.D
 Acq: 23 Jan 2020 10:00

Tgt Ion:101 Resp: 93347
 Ion Ratio Lower Upper
 101 100
 85 43.0 33.9 50.9
 151 75.2 59.8 89.8





#9

1,1-Dichloroethene

Concen: 10.217 ug/l

RT: 2.61 min Scan# 394

Delta R.T. 0.00 min

Lab File: VU036532.D

Acq: 23 Jan 2020 10:00

Instrument :
MSVOA_U
ClientSampleId :

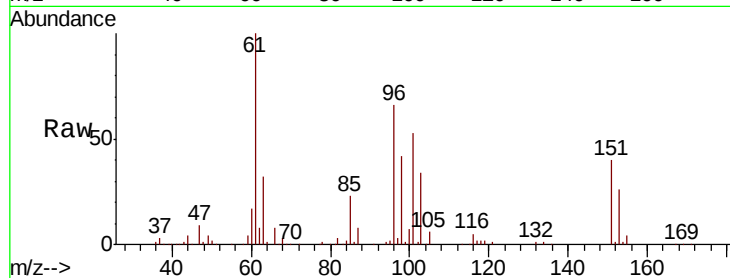
Tot Ion: 96 Resp: 99711

Ion Ratio Lower Upper

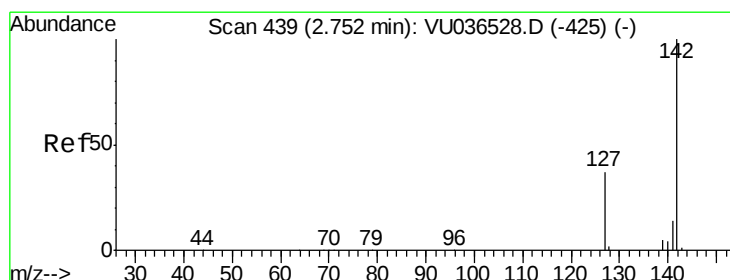
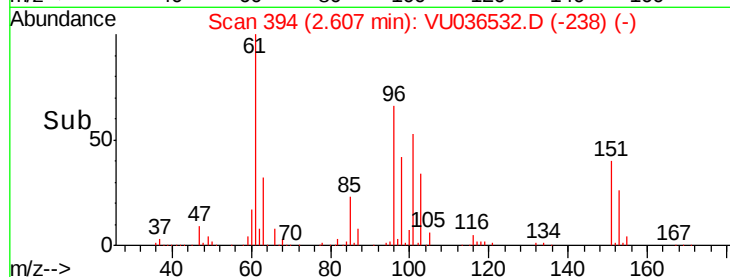
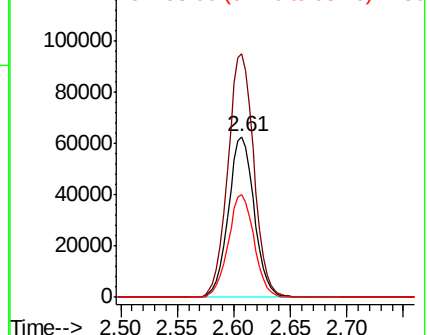
96 100

61 151.5 0.0 463.2

98 64.1 0.0 130.0



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 98.00 (97.70 to 98.70): VU0



#10

Iodomethane

Concen: 9.669 ug/l

RT: 2.75 min Scan# 439

Delta R.T. 0.00 min

Lab File: VU036532.D

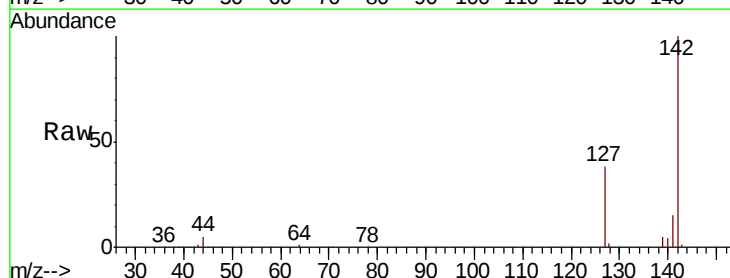
Acq: 23 Jan 2020 10:00

Tgt Ion: 142 Resp: 128968

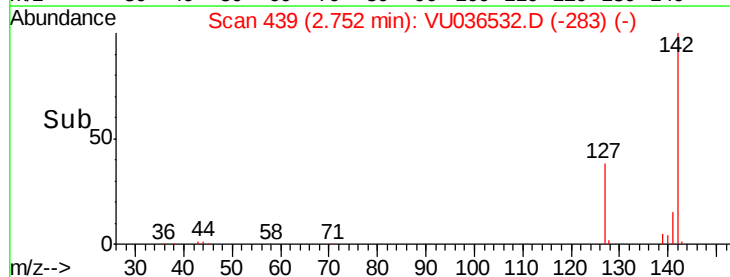
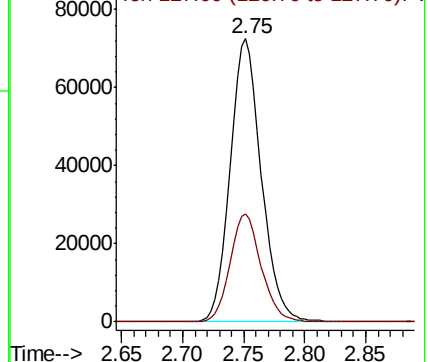
Ion Ratio Lower Upper

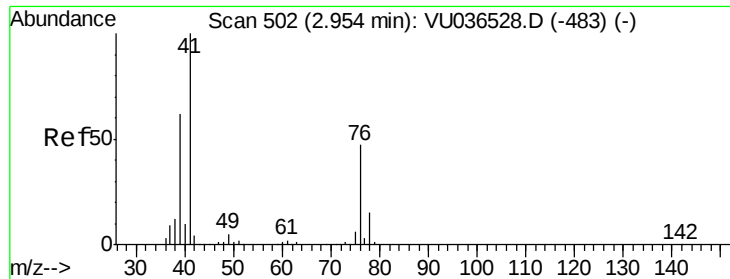
142 100

127 38.3 30.3 45.5



Abundance Ion 142.00 (141.70 to 142.70): V
Ion 127.00 (126.70 to 127.70): V

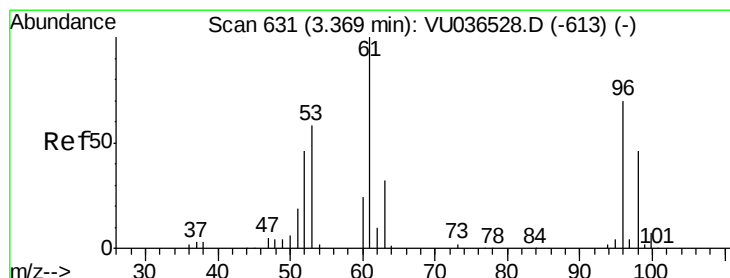
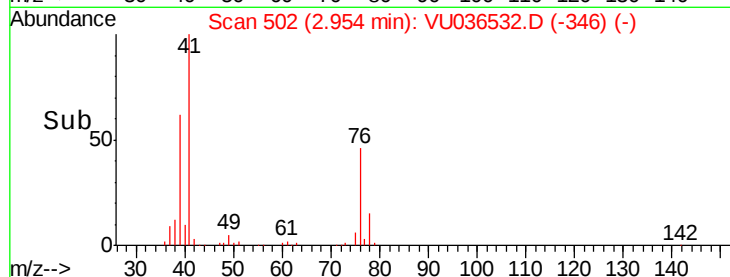
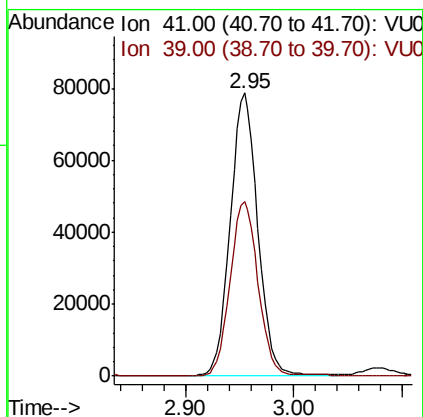
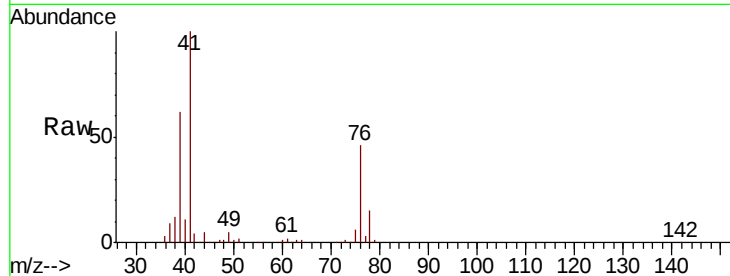




#11
Allvl Chloride
Concen: 10.304 ug/l
RT: 2.95 min Scan# 502
Delta R.T. 0.00 min
Lab File: VU036532.D
Acq: 23 Jan 2020 10:00

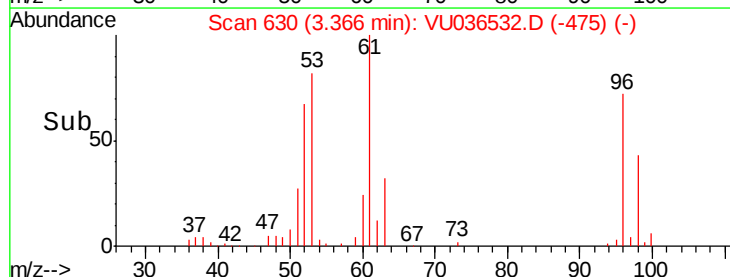
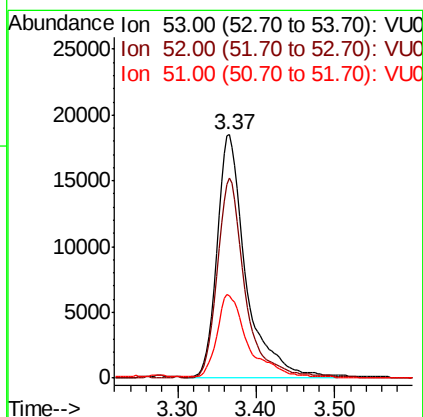
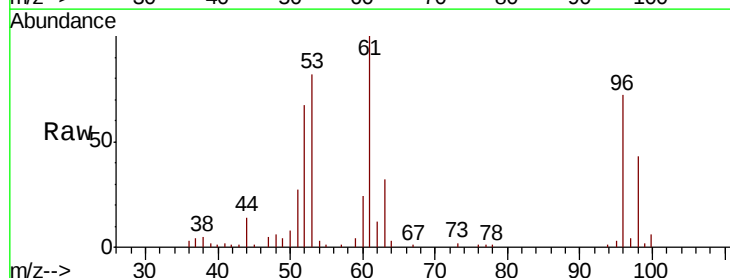
Instrument :
MSVOA_U
ClientSampled :

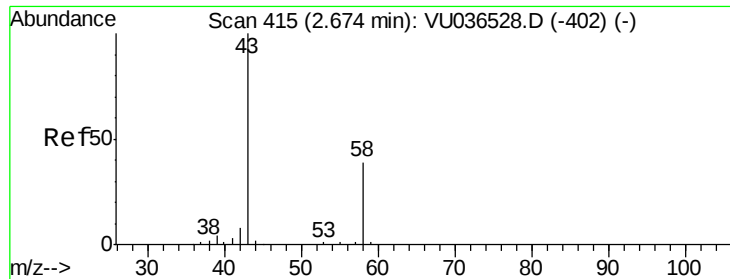
Tot Ion: 41 Resp: 139032
Ion Ratio Lower Upper
41 100
39 62.5 50.7 76.1



#12
Acrylonitrile
Concen: 19.713 ug/l
RT: 3.37 min Scan# 630
Delta R.T. -0.00 min
Lab File: VU036532.D
Acq: 23 Jan 2020 10:00

Tgt Ion: 53 Resp: 47186
Ion Ratio Lower Upper
53 100
52 78.3 64.6 97.0
51 35.2 27.2 40.8





#13

Acetone

Concen: 48.441 ug/l

RT: 2.67 min Scan# 414

Delta R.T. -0.00 min

Lab File: VU036532.D

Acq: 23 Jan 2020 10:00

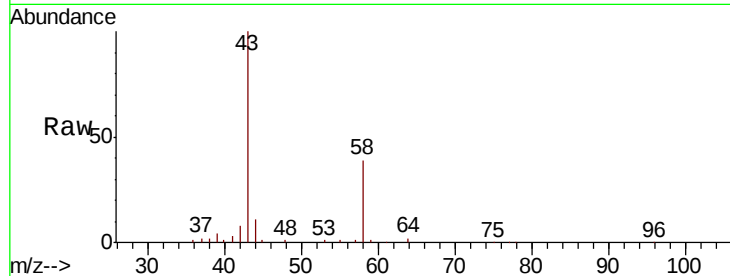
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 78569

Ion Ratio Lower Upper

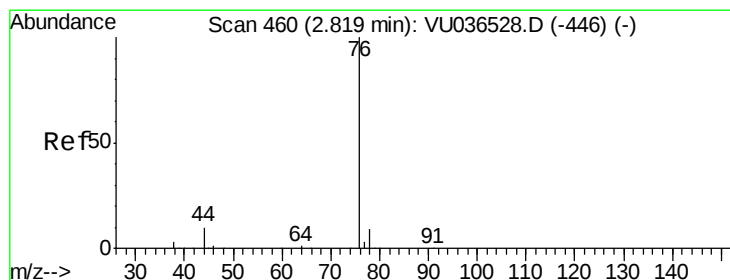
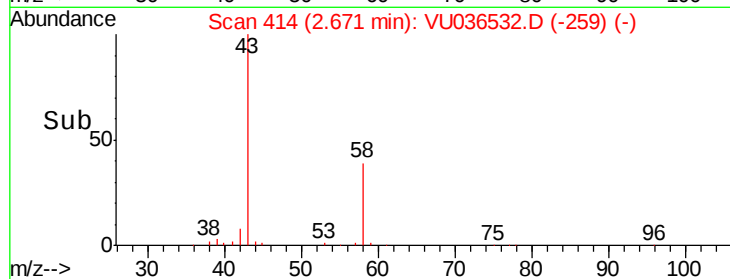
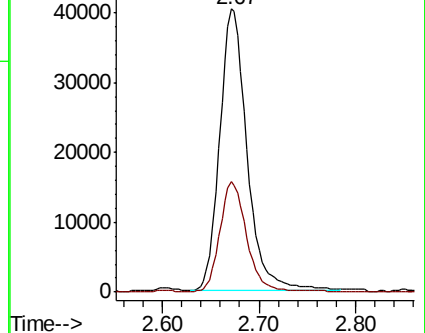
43 100

58 39.2 30.8 46.2



Abundance Ion 43.00 (42.70 to 43.70): VU036532.D (-259) (-)

Ion 58.00 (57.70 to 58.70): VU036532.D (-259) (-)



#14

Carbon Disulfide

Concen: 10.120 ug/l

RT: 2.82 min Scan# 460

Delta R.T. 0.00 min

Lab File: VU036532.D

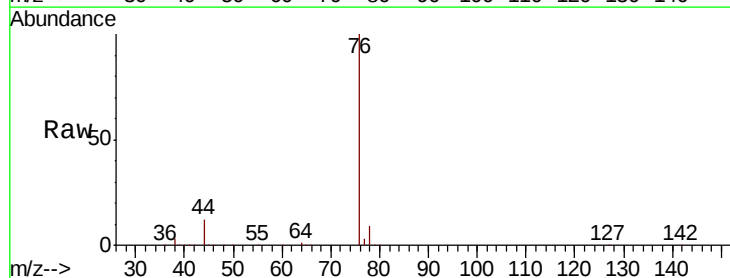
Acq: 23 Jan 2020 10:00

Tgt Ion: 76 Resp: 342054

Ion Ratio Lower Upper

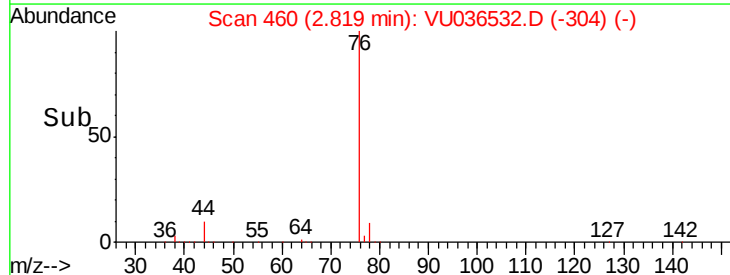
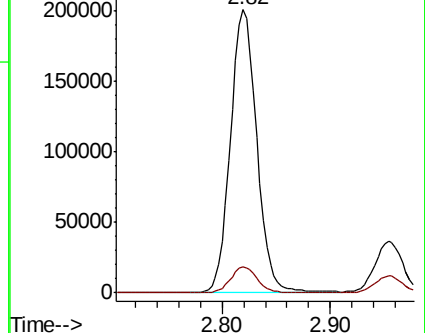
76 100

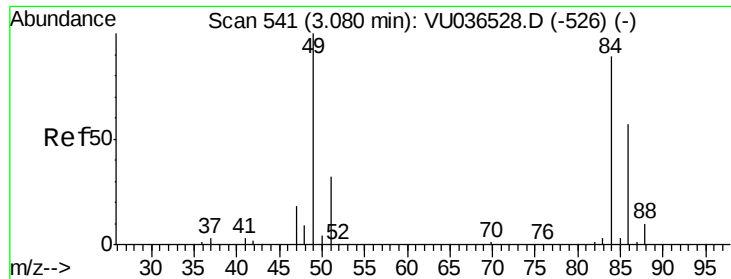
78 9.1 7.4 11.0



Abundance Ion 76.00 (75.70 to 76.70): VU036532.D (-304) (-)

Ion 78.00 (77.70 to 78.70): VU036532.D (-304) (-)

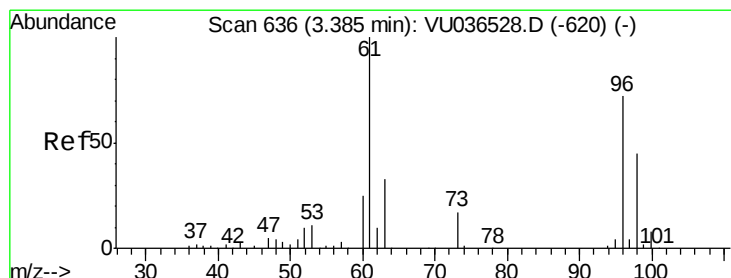
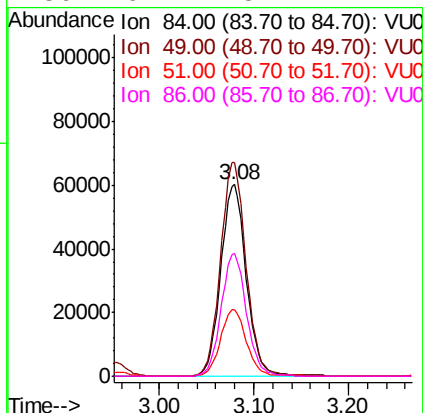
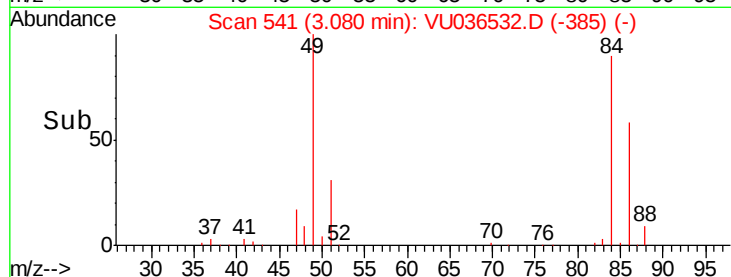
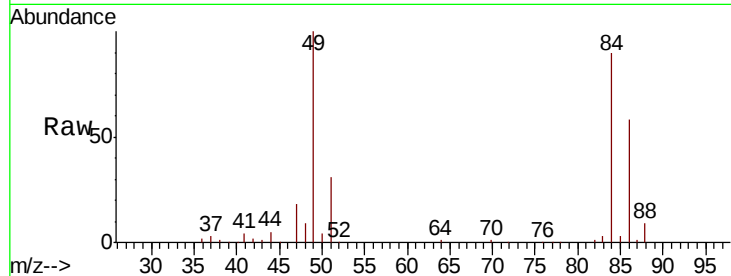




#15
Methvlene Chloride
Concen: 8.817 ug/l
RT: 3.08 min Scan# 541
Delta R.T. 0.00 min
Lab File: VU036532.D
Acq: 23 Jan 2020 10:00

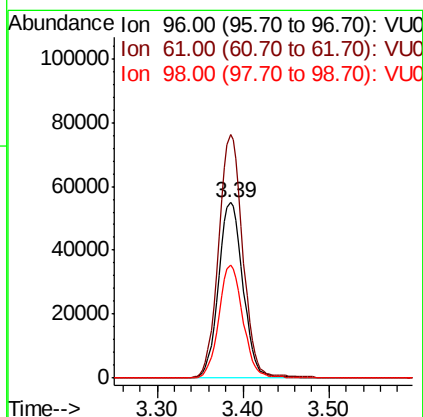
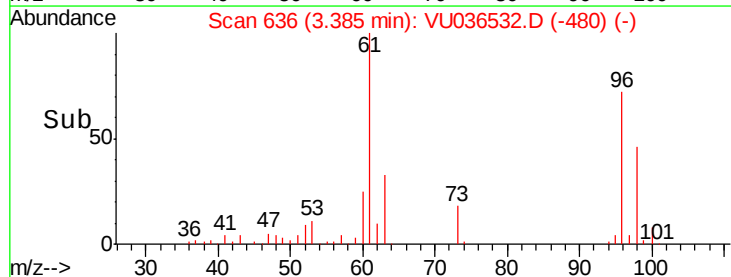
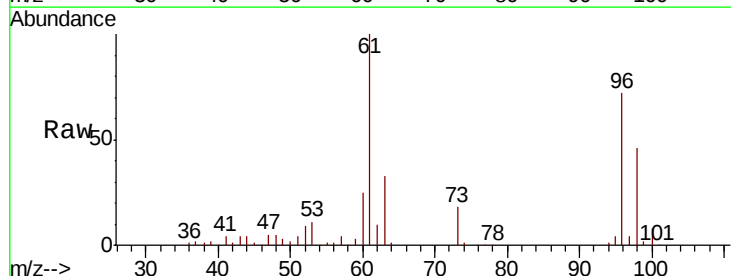
Instrument :
MSVOA_U
ClientSampled :

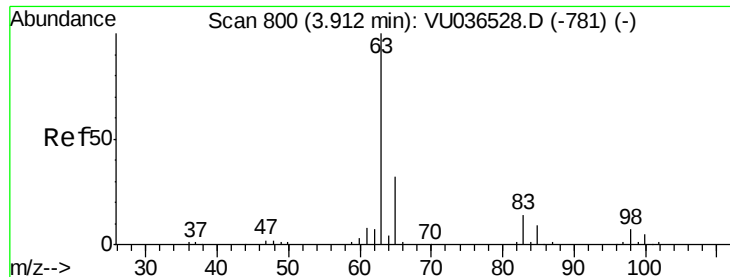
Tot Ion: 84 Resp: 113331
Ion Ratio Lower Upper
84 100
49 111.3 89.7 134.5
51 35.0 0.0 71.6
86 64.2 51.4 77.2



#16
trans-1,2-Dichloroethene
Concen: 10.172 ug/l
RT: 3.39 min Scan# 636
Delta R.T. 0.00 min
Lab File: VU036532.D
Acq: 23 Jan 2020 10:00

Tgt Ion: 96 Resp: 109504
Ion Ratio Lower Upper
96 100
61 138.9 110.8 166.2
98 64.3 50.3 75.5

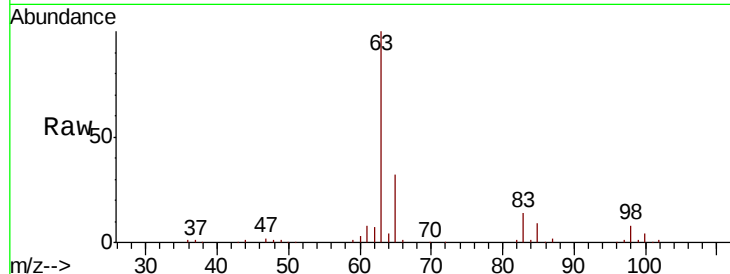




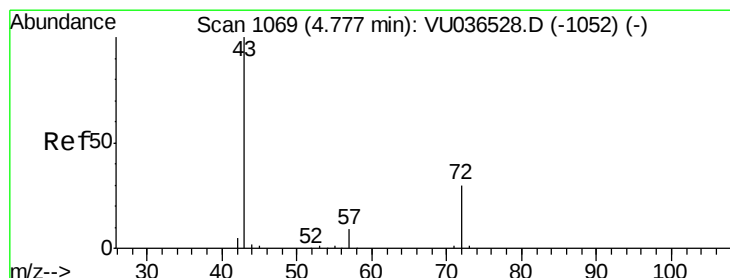
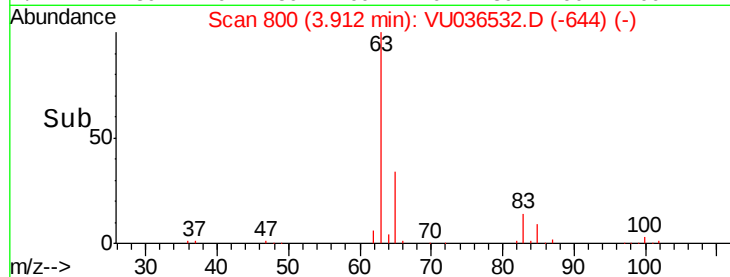
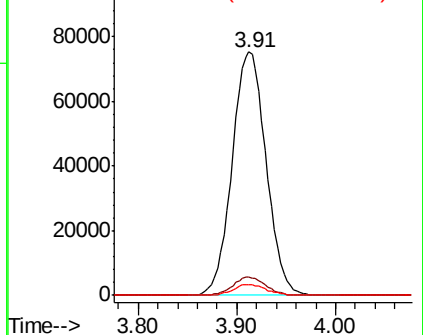
#17
 1,1-Dichloroethane
 Concen: 10.275 ug/l
 RT: 3.91 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: VU036532.D
 Acq: 23 Jan 2020 10:00

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 63 Resp: 180266
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.5 10.5
 100 4.3 2.4 7.1

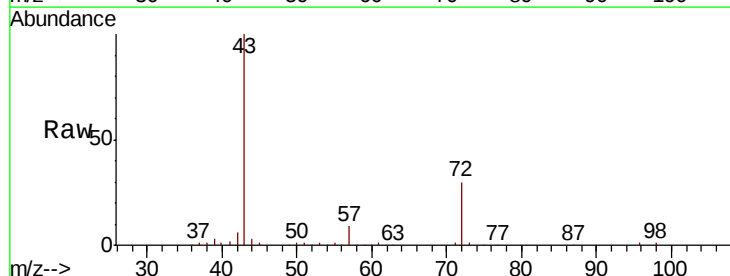


Abundance Ion 63.00 (62.70 to 63.70): VU0
 Ion 98.00 (97.70 to 98.70): VU0
 Ion 100.00 (99.70 to 100.70): VU0

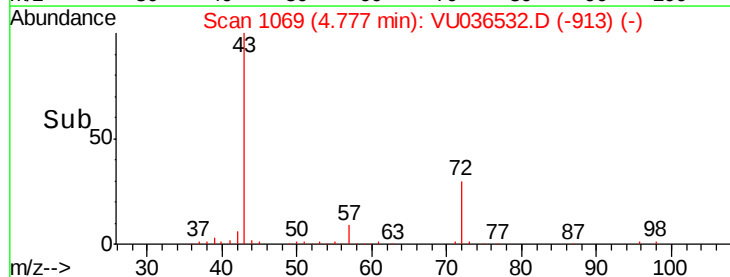
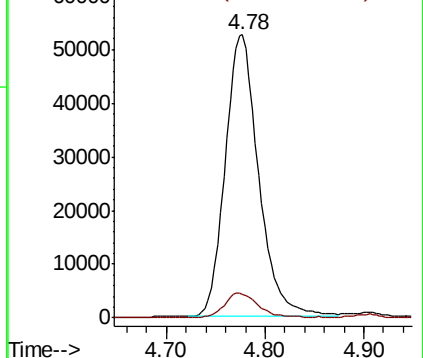


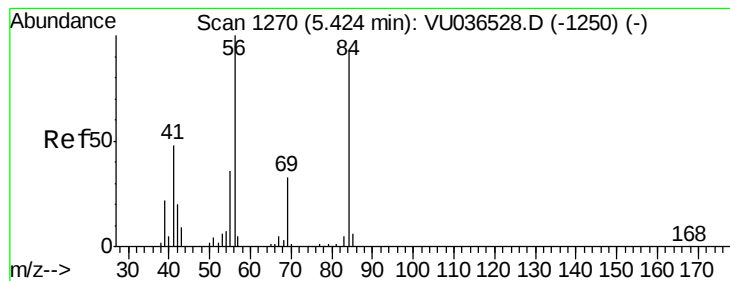
#18
 2-Butanone
 Concen: 48.293 ug/l
 RT: 4.78 min Scan# 1069
 Delta R.T. 0.00 min
 Lab File: VU036532.D
 Acq: 23 Jan 2020 10:00

Tgt Ion: 43 Resp: 124105
 Ion Ratio Lower Upper
 43 100
 57 8.6 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: 9.445 ug/l

RT: 5.42 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VU036532.D

Acq: 23 Jan 2020 10:00

Instrument :

MSVOA_U

ClientSampleId :

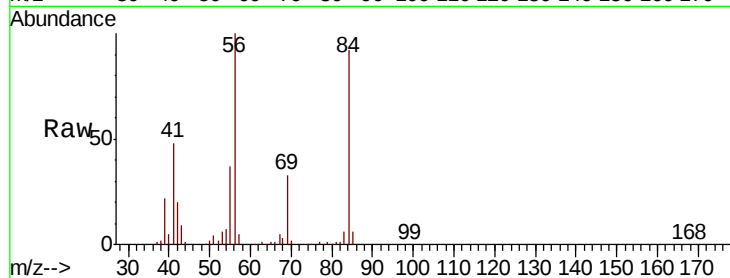
Tot Ion: 56 Resp: 151448

Ion Ratio Lower Upper

56 100

69 35.7 26.2 39.2

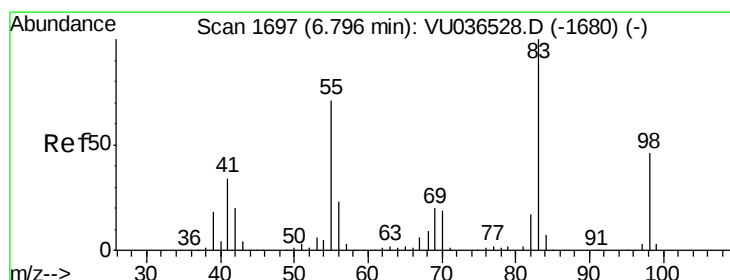
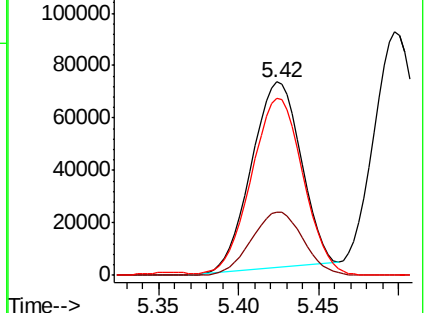
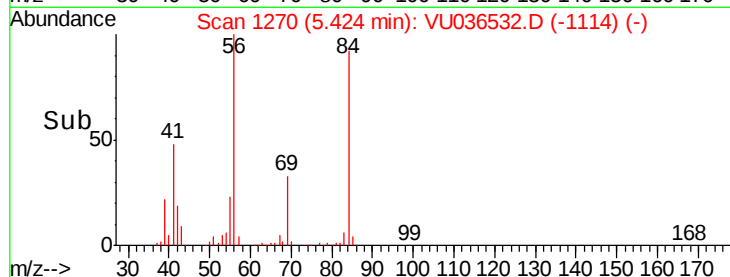
84 98.7 72.8 109.2



Abundance Ion 56.00 (55.70 to 56.70): VU036532.D (-1114) (-)

Ion 69.00 (68.70 to 69.70): VU036532.D (-1114) (-)

Ion 84.00 (83.70 to 84.70): VU036532.D (-1114) (-)



#20

Methylcyclohexane

Concen: 10.502 ug/l

RT: 6.79 min Scan# 1696

Delta R.T. -0.00 min

Lab File: VU036532.D

Acq: 23 Jan 2020 10:00

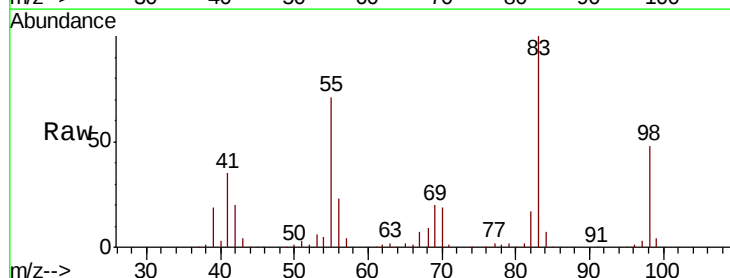
Tgt Ion: 83 Resp: 188016

Ion Ratio Lower Upper

83 100

55 70.3 56.6 85.0

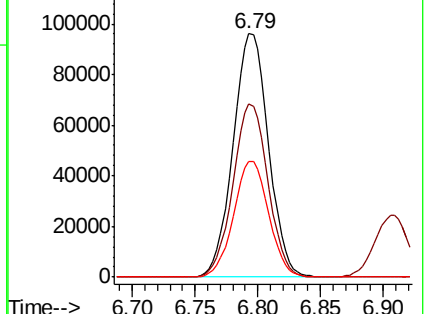
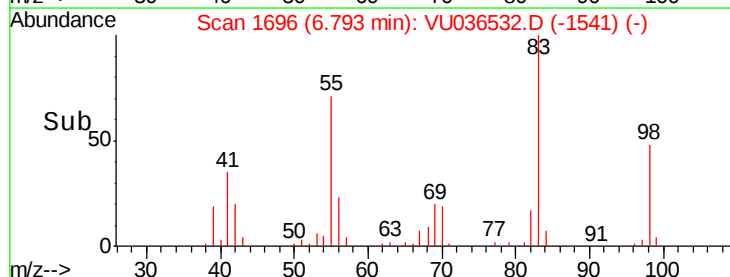
98 47.2 37.5 56.3

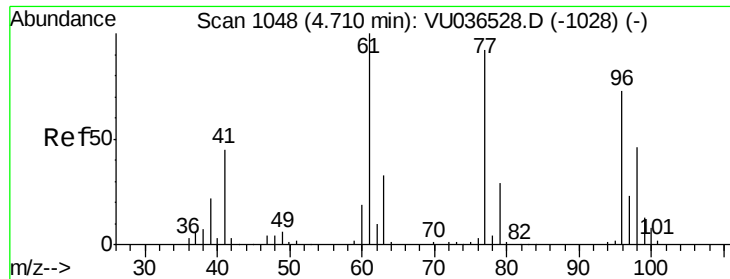


Abundance Ion 83.00 (82.70 to 83.70): VU036532.D (-1541) (-)

Ion 55.00 (54.70 to 55.70): VU036532.D (-1541) (-)

Ion 98.00 (97.70 to 98.70): VU036532.D (-1541) (-)

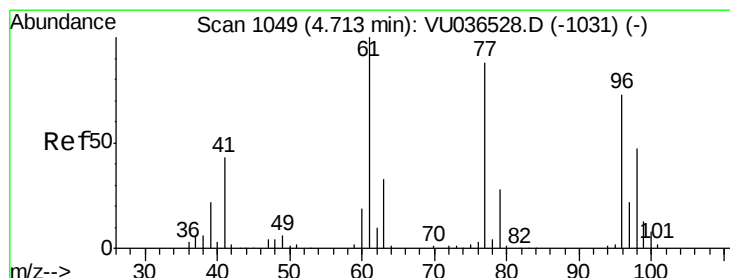
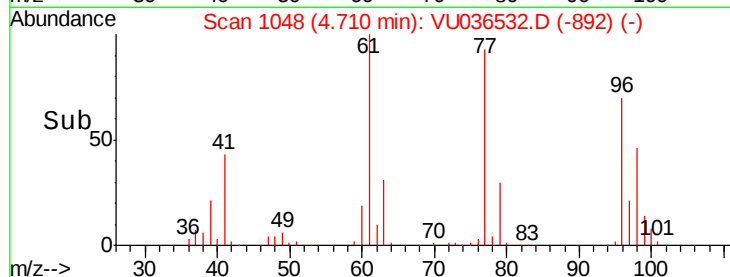
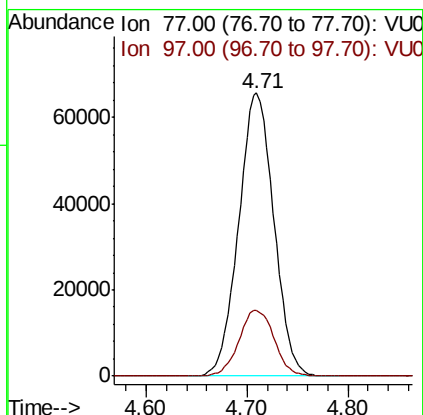
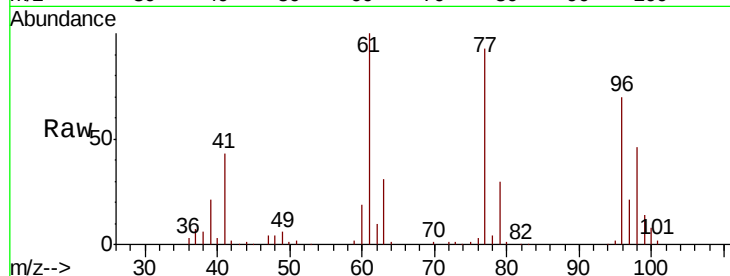




#21
 2,2-Dichloropropane
 Concen: 10.572 ug/l
 RT: 4.71 min Scan# 1048
 Delta R.T. 0.00 min
 Lab File: VU036532.D
 Acq: 23 Jan 2020 10:00

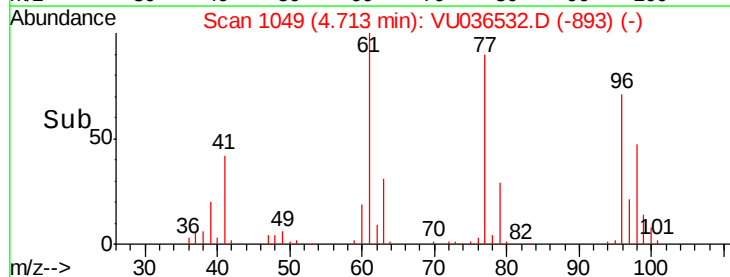
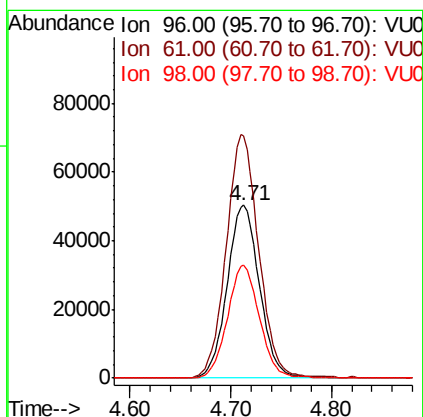
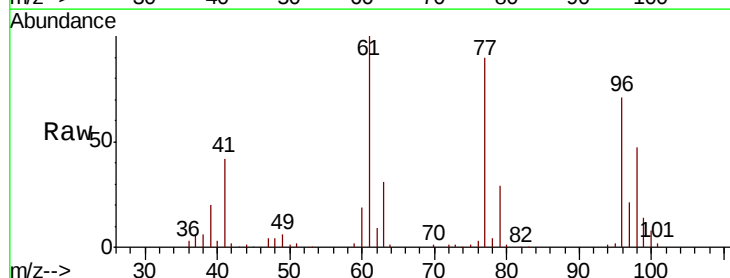
Instrument :
 MSVOA_U
 ClientSampleId :

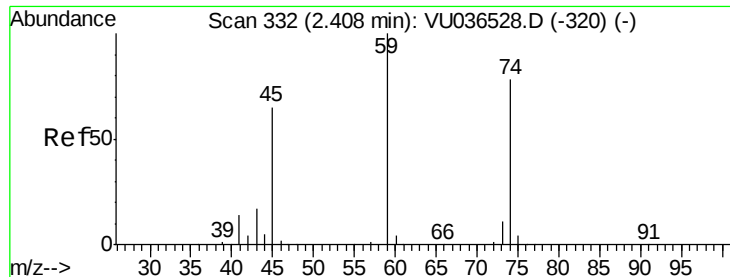
Tot Ion: 77 Resp: 158330
 Ion Ratio Lower Upper
 77 100
 97 23.3 19.0 28.4



#22
 cis-1,2-Dichloroethene
 Concen: 10.102 ug/l
 RT: 4.71 min Scan# 1049
 Delta R.T. 0.00 min
 Lab File: VU036532.D
 Acq: 23 Jan 2020 10:00

Tgt Ion: 96 Resp: 112830
 Ion Ratio Lower Upper
 96 100
 61 140.6 0.0 342.0
 98 64.3 32.0 96.0

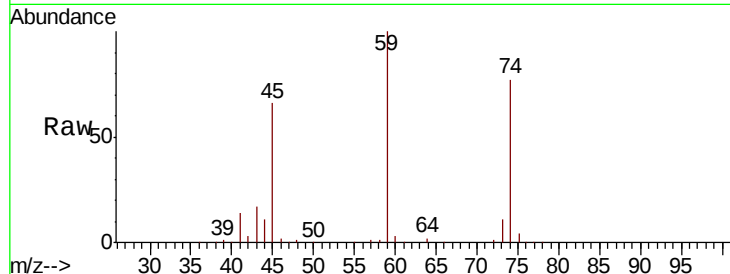




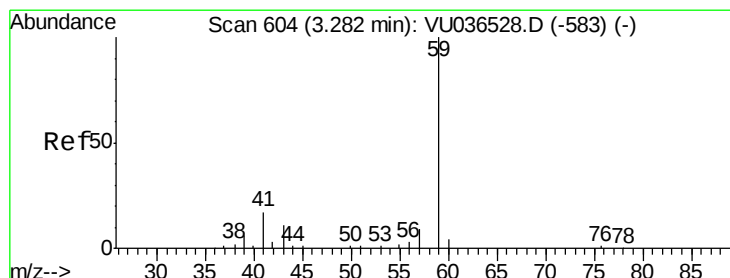
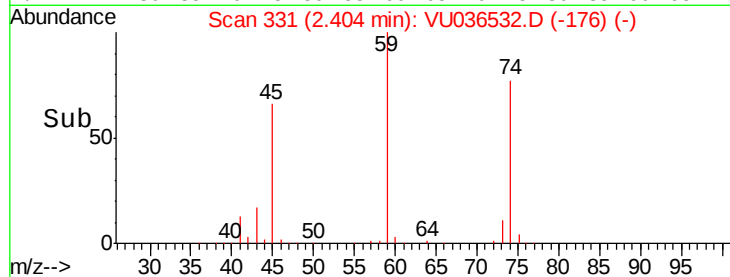
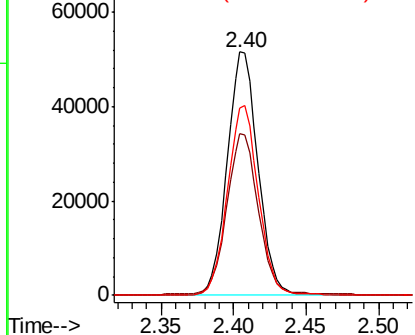
#23
Diethyl Ether
Concen: 10.056 ug/l
RT: 2.40 min Scan# 331
Delta R.T. -0.00 min
Lab File: VU036532.D
Acq: 23 Jan 2020 10:00

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 59 Resp: 75809
Ion Ratio Lower Upper
59 100
45 68.0 52.4 78.6
74 78.2 62.1 93.1

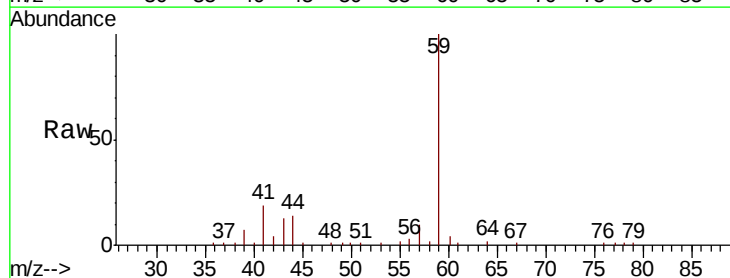


Abundance Ion 59.00 (58.70 to 59.70): VU0
Ion 45.00 (44.70 to 45.70): VU0
Ion 74.00 (73.70 to 74.70): VU0

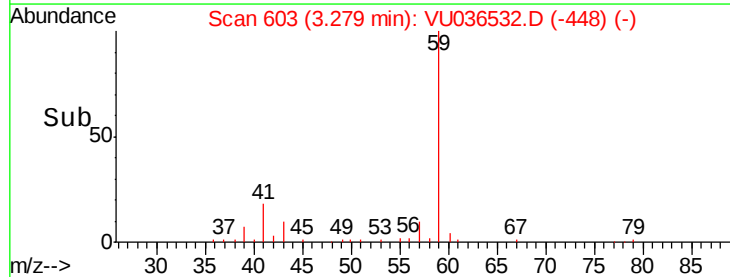
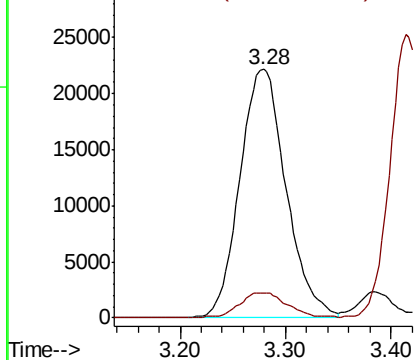


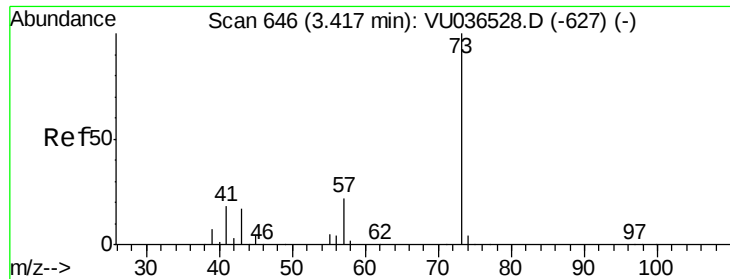
#24
tert-Butyl Alcohol
Concen: 100.165 ug/l
RT: 3.28 min Scan# 603
Delta R.T. -0.00 min
Lab File: VU036532.D
Acq: 23 Jan 2020 10:00

Tgt Ion: 59 Resp: 67484
Ion Ratio Lower Upper
59 100
57 10.5 8.4 12.6



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



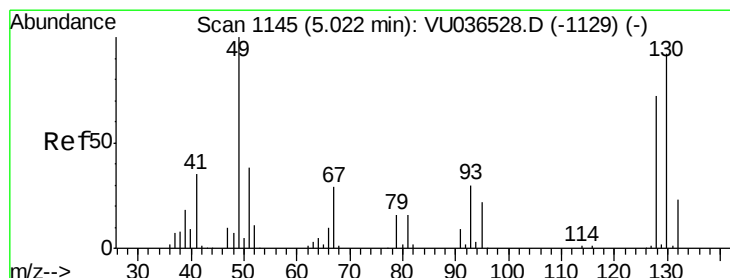
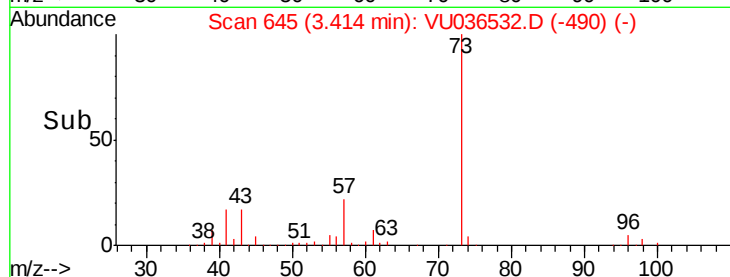
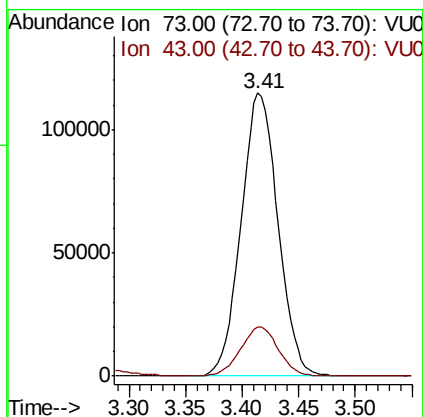
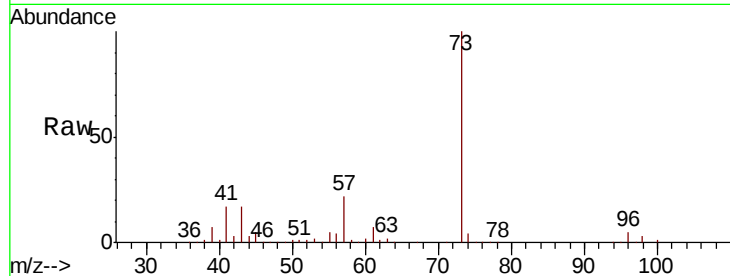


#25

Methyl tert-Butyl Ether
 Concen: 10.194 ug/l
 RT: 3.41 min Scan# 645
 Delta R.T. -0.00 min
 Lab File: VU036532.D
 Acq: 23 Jan 2020 10:00

Instrument :
 MSVOA_U
 ClientSampled :

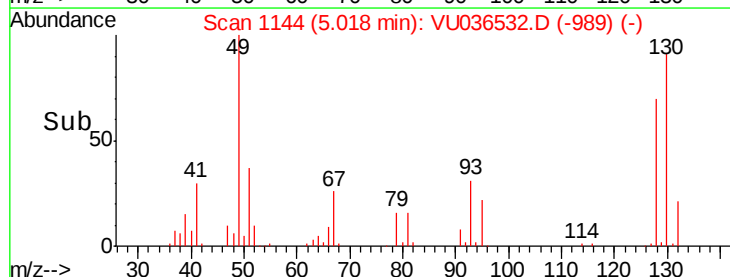
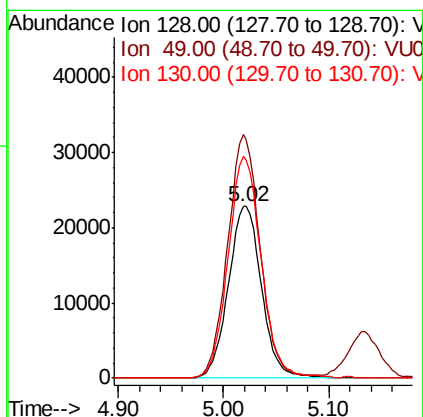
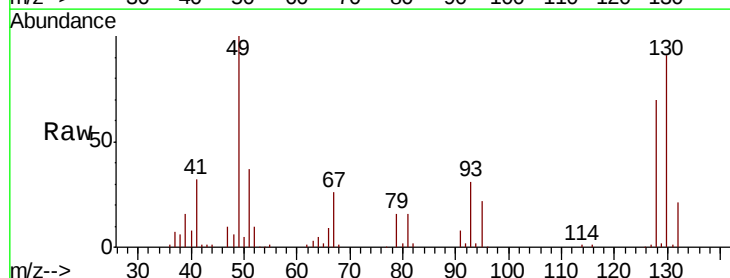
Tot Ion: 73 Resp: 260701
 Ion Ratio Lower Upper
 73 100
 43 17.6 14.5 21.7

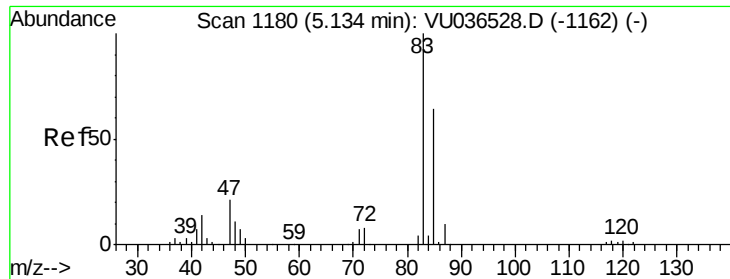


#26

Bromochloromethane
 Concen: 10.284 ug/l
 RT: 5.02 min Scan# 1144
 Delta R.T. -0.00 min
 Lab File: VU036532.D
 Acq: 23 Jan 2020 10:00

Tgt Ion: 128 Resp: 49750
 Ion Ratio Lower Upper
 128 100
 49 138.6 0.0 286.2
 130 129.0 104.3 156.5

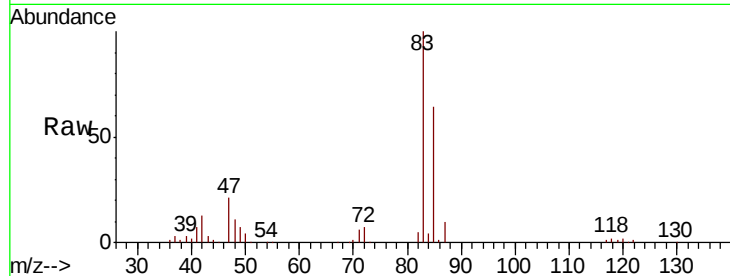




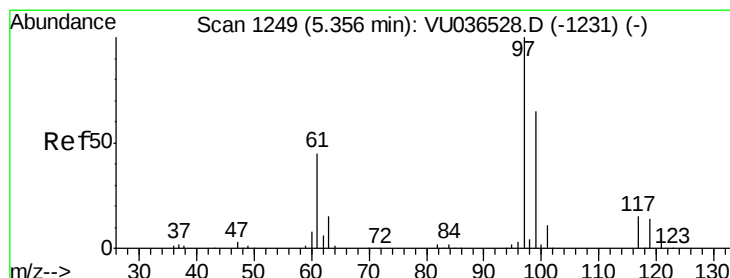
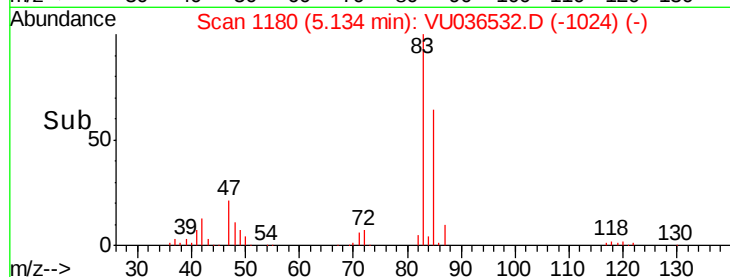
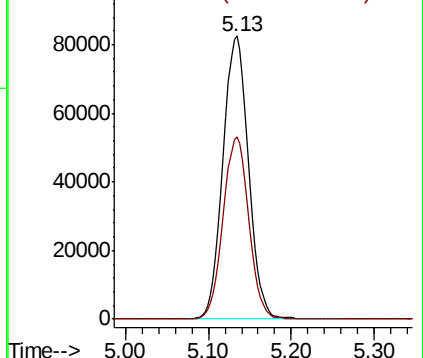
#27
Chloroform
Concen: 10.225 ug/l
RT: 5.13 min Scan# 1180
Delta R.T. 0.00 min
Lab File: VU036532.D
Acq: 23 Jan 2020 10:00

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 177419
Ion Ratio Lower Upper
83 100
85 64.3 0.0 129.0

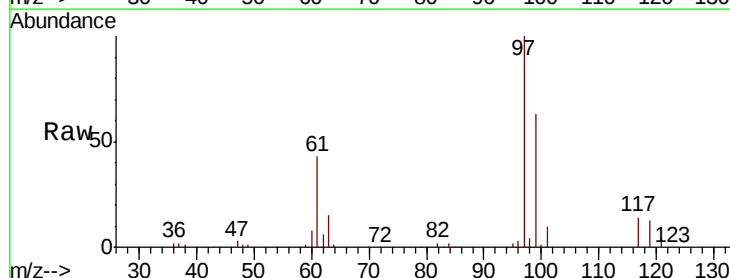


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 85.00 (84.70 to 85.70): VU0

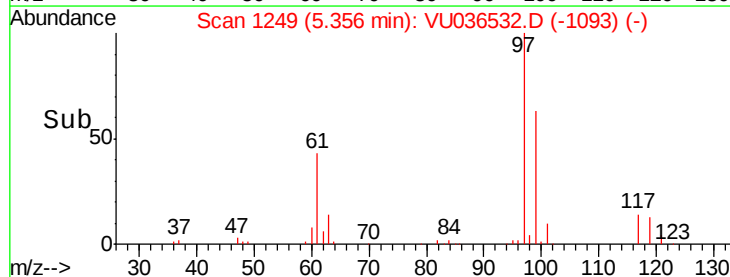
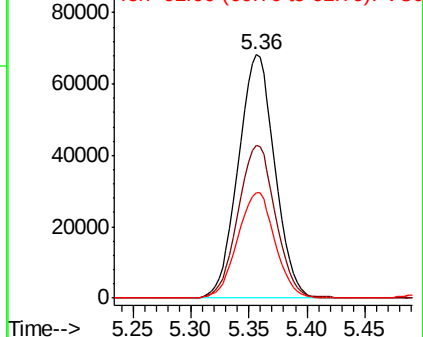


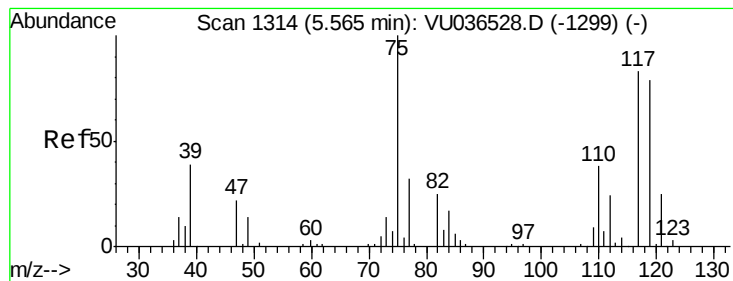
#28
1,1,1-Trichloroethane
Concen: 10.300 ug/l
RT: 5.36 min Scan# 1249
Delta R.T. 0.00 min
Lab File: VU036532.D
Acq: 23 Jan 2020 10:00

Tgt Ion: 97 Resp: 149866
Ion Ratio Lower Upper
97 100
99 64.4 32.1 96.3
61 44.4 22.7 68.0



Abundance Ion 97.00 (96.70 to 97.70): VU0
Ion 99.00 (98.70 to 99.70): VU0
Ion 61.00 (60.70 to 61.70): VU0





#29

1,1-Dichloropropene

Concen: 10.203 ug/l

RT: 5.57 min Scan# 1314

Delta R.T. 0.00 min

Lab File: VU036532.D

Acq: 23 Jan 2020 10:00

Instrument :
MSVOA_U
ClientSampled :

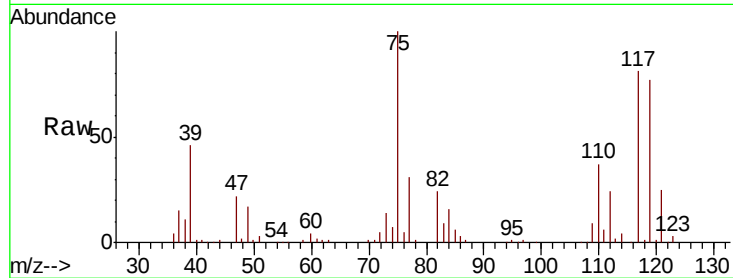
Tot Ion: 75 Resp: 144889

Ion Ratio Lower Upper

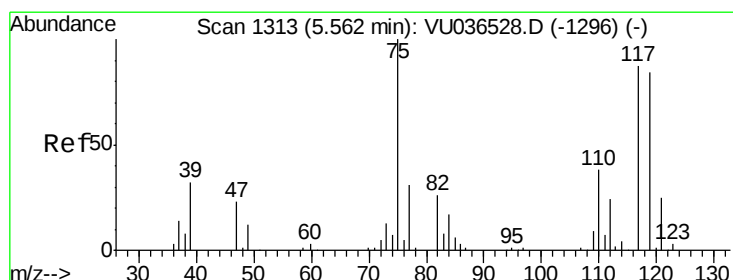
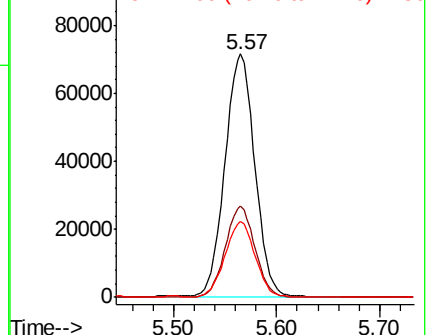
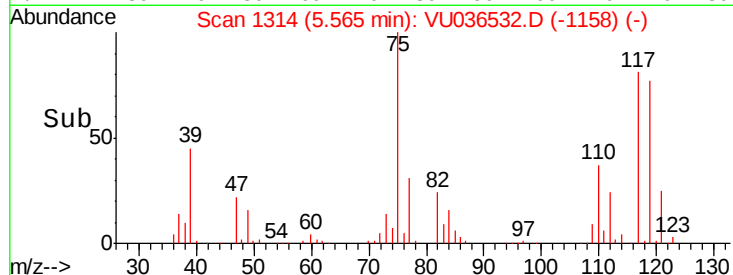
75 100

110 37.0 18.6 55.8

77 30.9 25.0 37.4



Abundance Ion 75.00 (74.70 to 75.70): VU036532.D (-1158) (-)



#30

Carbon Tetrachloride

Concen: 10.276 ug/l

RT: 5.56 min Scan# 1313

Delta R.T. 0.00 min

Lab File: VU036532.D

Acq: 23 Jan 2020 10:00

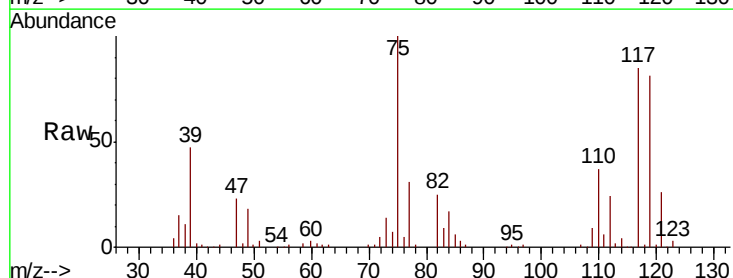
Tgt Ion: 117 Resp: 128027

Ion Ratio Lower Upper

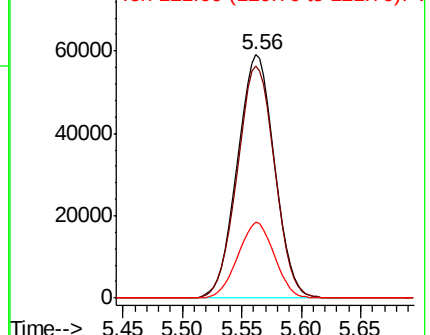
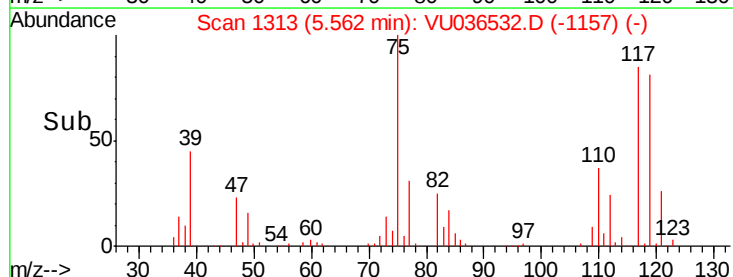
117 100

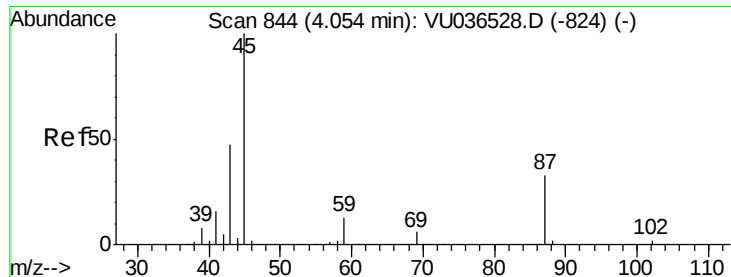
119 95.2 77.0 115.6

121 31.1 23.3 34.9



Abundance Ion 117.00 (116.70 to 117.70): VU036532.D (-1157) (-)





#31

Isopropyl Ether

Concen: 10.428 ug/l

RT: 4.05 min Scan# 844

Delta R.T. 0.00 min

Lab File: VU036532.D

Acq: 23 Jan 2020 10:00

Instrument :

MSVOA_U

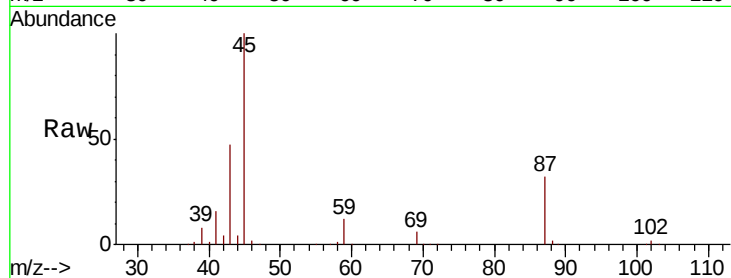
ClientSampleId :

Tot Ion: 45 Resp: 277706

Ion Ratio Lower Upper

45 100

43 47.4 24.0 72.0



Abundance Ion 45.00 (44.70 to 45.70): VU036532.D (-688) (-)

Ion 43.00 (42.70 to 43.70): VU036532.D (-688) (-)

4.05

120000

100000

80000

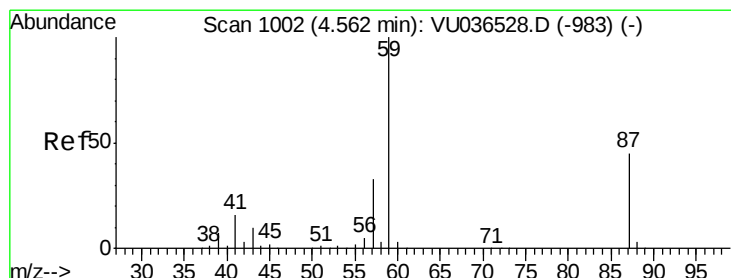
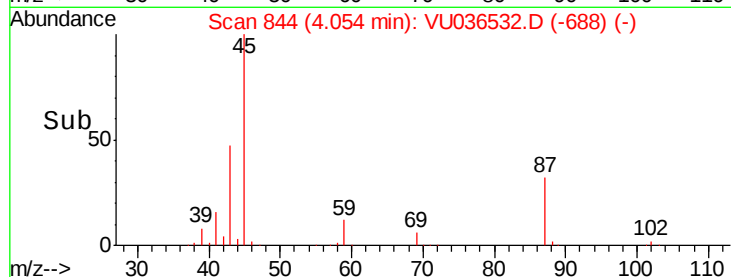
60000

40000

20000

0

Time-->



#32

Ethyl-t-butyl ether

Concen: 10.247 ug/l

RT: 4.56 min Scan# 1002

Delta R.T. 0.00 min

Lab File: VU036532.D

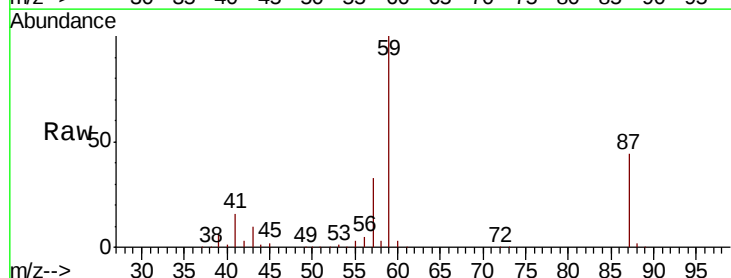
Acq: 23 Jan 2020 10:00

Tgt Ion: 59 Resp: 285506

Ion Ratio Lower Upper

59 100

87 44.7 35.1 52.7



Abundance Ion 59.00 (58.70 to 59.70): VU036532.D (-846) (-)

Ion 87.00 (86.70 to 87.70): VU036532.D (-846) (-)

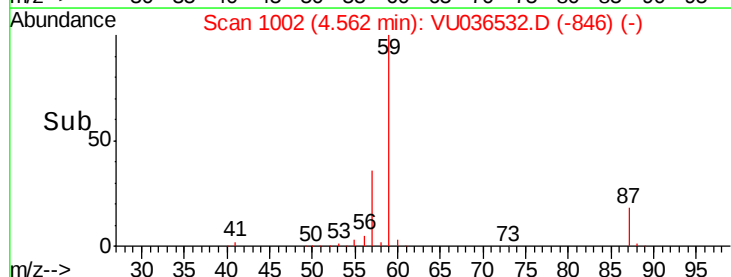
4.56

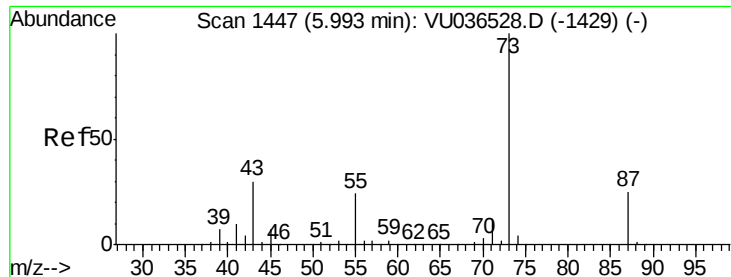
100000

50000

0

Time-->

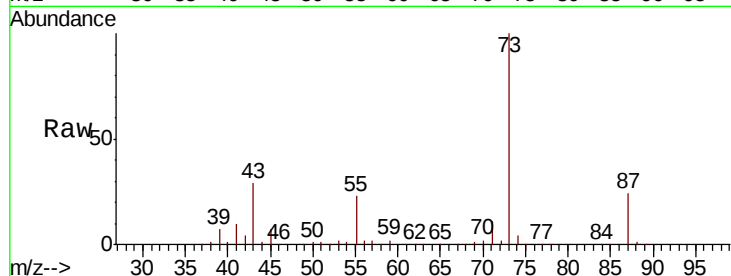




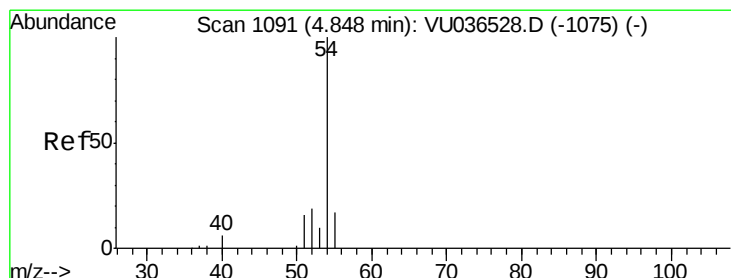
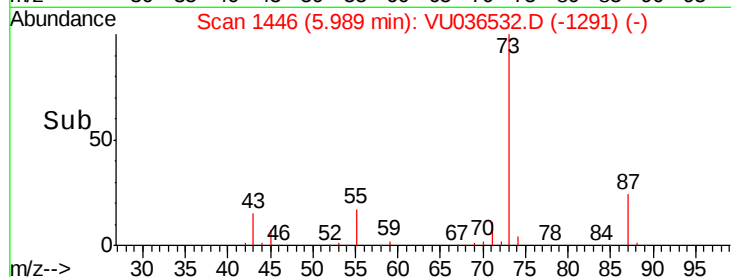
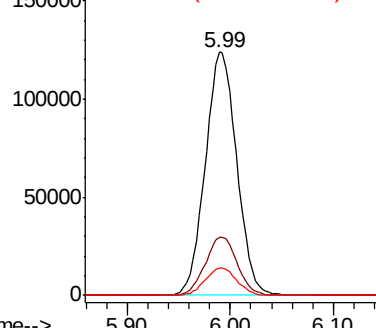
#33
Tert-Butyl methyl ether
Concen: 10.227 ug/l
RT: 5.99 min Scan# 1446
Delta R.T. -0.00 min
Lab File: VU036532.D
Acq: 23 Jan 2020 10:00

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 73 Resp: 260910
Ion Ratio Lower Upper
73 100
87 24.5 19.8 29.6
71 11.4 9.1 13.7

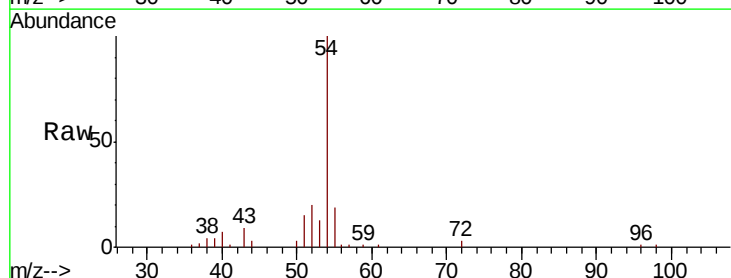


Abundance Ion 73.00 (72.70 to 73.70): VU0
Ion 87.00 (86.70 to 87.70): VU0
Ion 71.00 (70.70 to 71.70): VU0

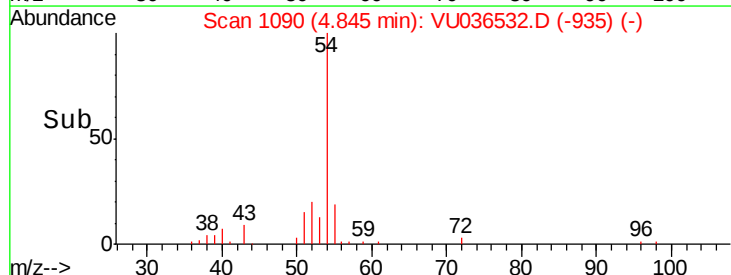
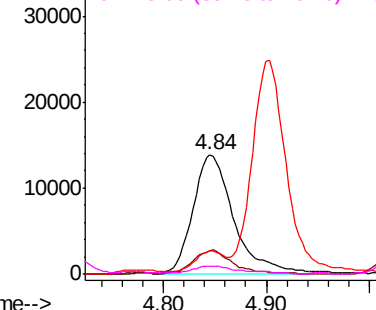


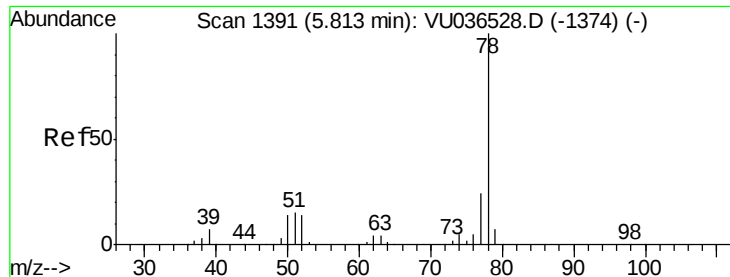
#34
Propionitrile
Concen: 51.593 ug/l
RT: 4.84 min Scan# 1090
Delta R.T. -0.00 min
Lab File: VU036532.D
Acq: 23 Jan 2020 10:00

Tgt Ion: 54 Resp: 38218
Ion Ratio Lower Upper
54 100
52 19.8 15.2 22.8
55 13.4 9.5 14.3
40 5.4 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: 10.104 ug/l

RT: 5.81 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VU036532.D

Acq: 23 Jan 2020 10:00

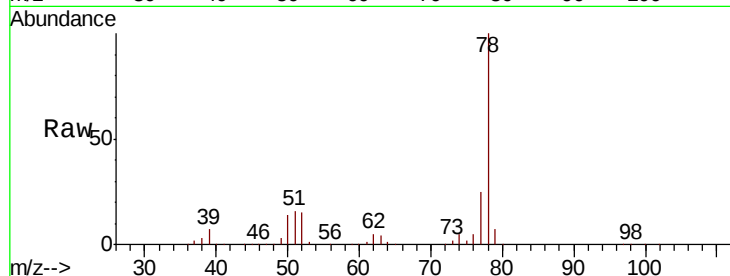
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 78 Resp: 415505

Ion Ratio Lower Upper

78 100

77 24.6 19.4 29.0



Abundance Ion 78.10 (77.80 to 78.80): VU036532.D (-1235) (-)

Ion 77.00 (76.70 to 77.70): VU036532.D (-1235) (-)

5.81

200000

150000

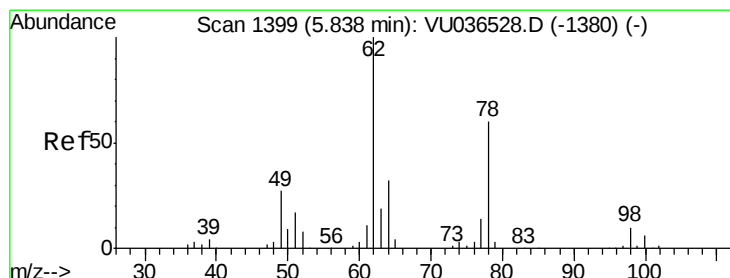
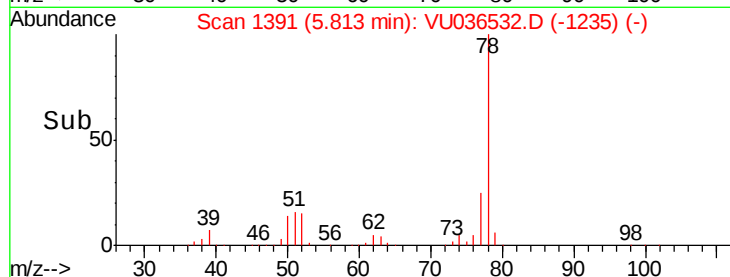
100000

50000

0

5.70 5.80 5.90

Time-->



#36

1,2-Dichloroethane

Concen: 10.210 ug/l

RT: 5.84 min Scan# 1399

Delta R.T. 0.00 min

Lab File: VU036532.D

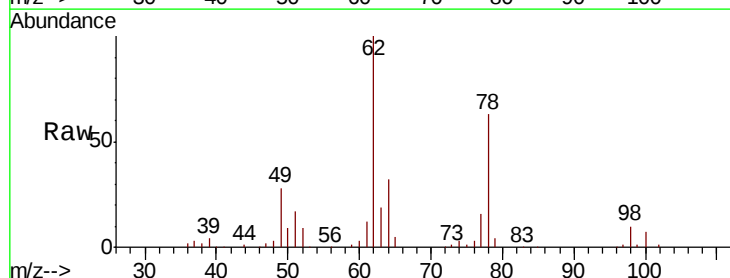
Acq: 23 Jan 2020 10:00

Tgt Ion: 62 Resp: 113023

Ion Ratio Lower Upper

62 100

98 10.0 7.8 11.8



Abundance Ion 62.00 (61.70 to 62.70): VU036532.D (-1243) (-)

Ion 98.00 (97.70 to 98.70): VU036532.D (-1243) (-)

5.84

60000

50000

40000

30000

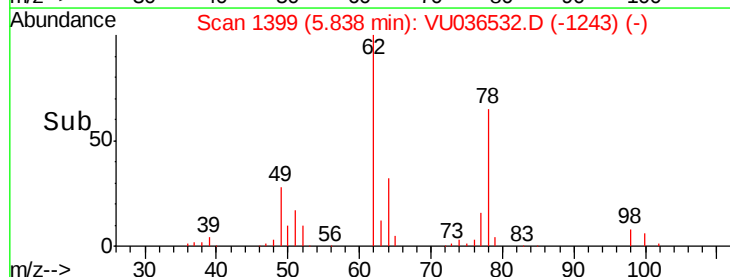
20000

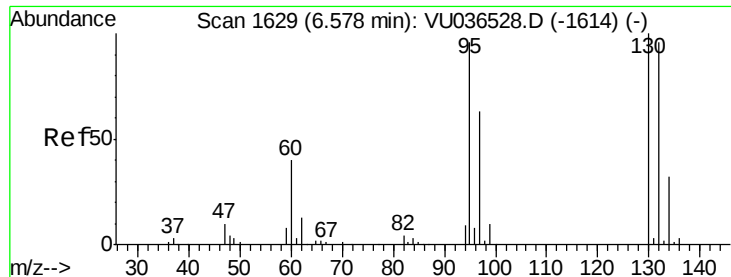
10000

0

5.70 5.80 5.90

Time-->

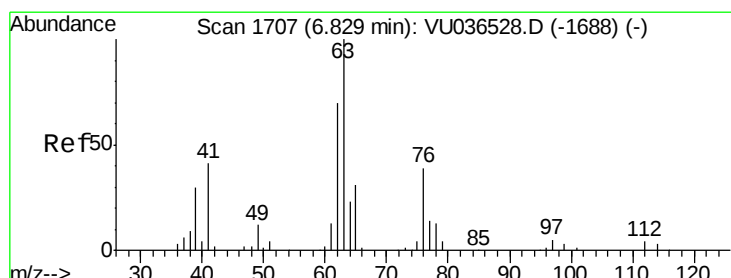
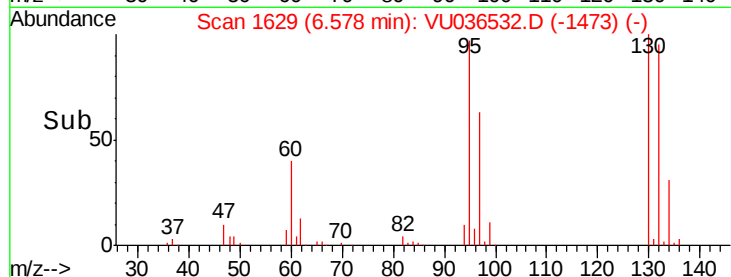
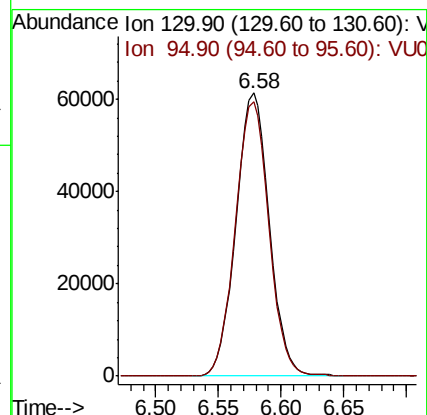
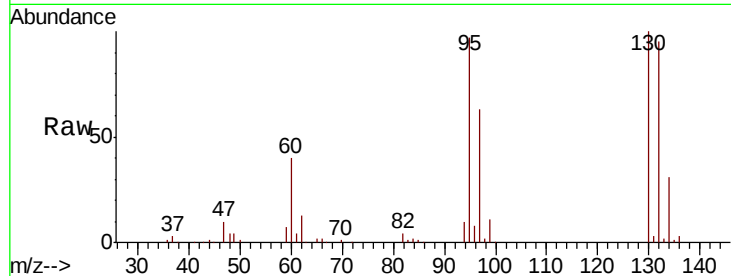




#37
 Trichloroethene
 Concen: 9.984 ug/l
 RT: 6.58 min Scan# 1629
 Delta R.T. 0.00 min
 Lab File: VU036532.D
 Acq: 23 Jan 2020 10:00

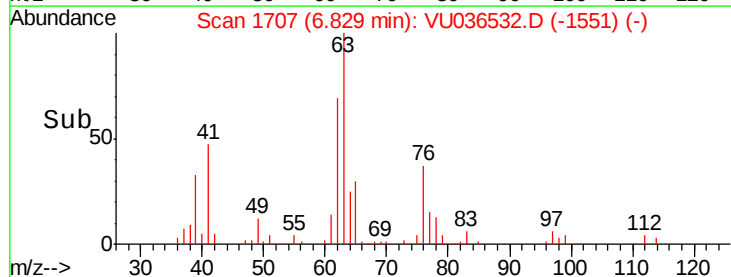
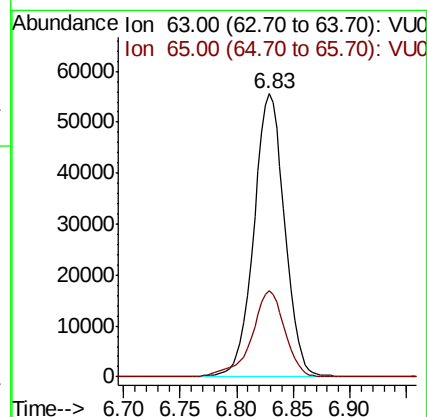
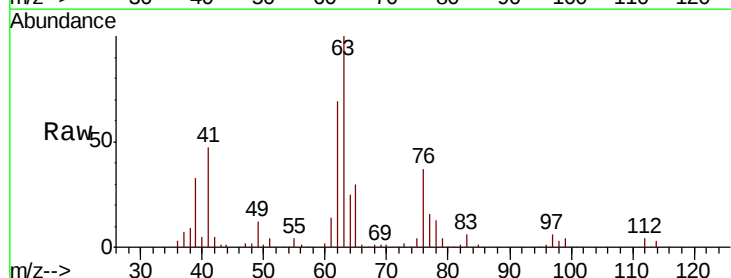
Instrument :
 MSVOA_U
 ClientSampleId :

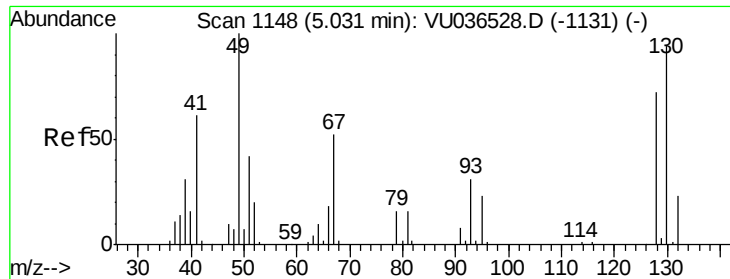
Tot Ion:130 Resp: 113348
 Ion Ratio Lower Upper
 130 100
 95 96.7 77.0 115.4



#38
 1,2-Dichloropropane
 Concen: 10.177 ug/l
 RT: 6.83 min Scan# 1707
 Delta R.T. 0.00 min
 Lab File: VU036532.D
 Acq: 23 Jan 2020 10:00

Tgt Ion: 63 Resp: 105216
 Ion Ratio Lower Upper
 63 100
 65 30.1 24.7 37.1

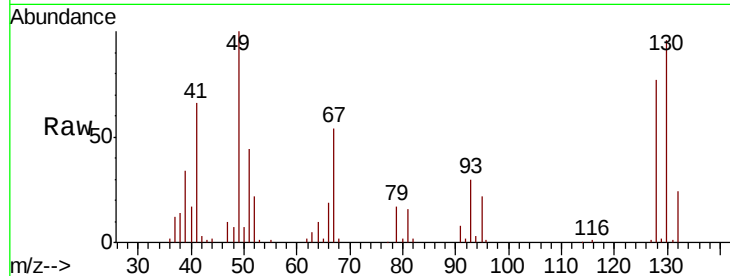




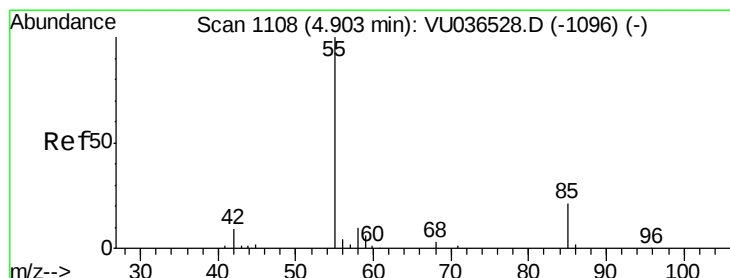
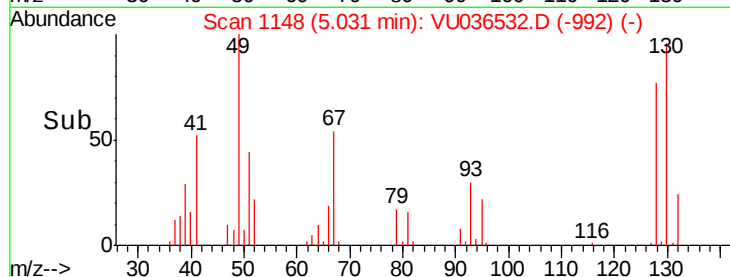
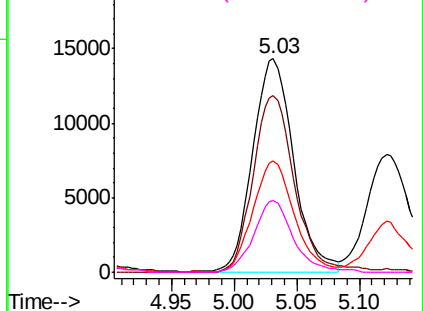
#39
Methacrylonitrile
Concen: 10.515 ug/l
RT: 5.03 min Scan# 1148
Delta R.T. 0.00 min
Lab File: VU036532.D
Acq: 23 Jan 2020 10:00

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 41 Resp: 32735
Ion Ratio Lower Upper
41 100
67 83.7 69.6 104.4
39 52.4 41.6 62.4
52 32.4 25.9 38.9

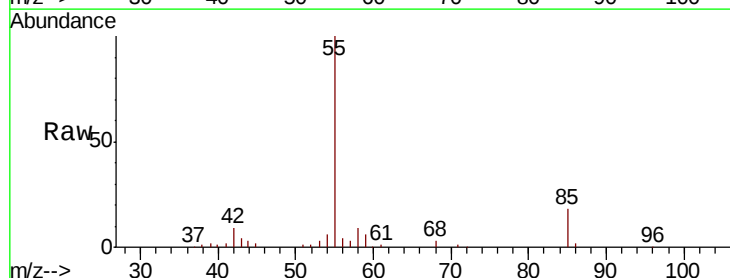


Abundance Ion 41.00 (40.70 to 41.70): VU0
Ion 67.00 (66.70 to 67.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 52.00 (51.70 to 52.70): VU0

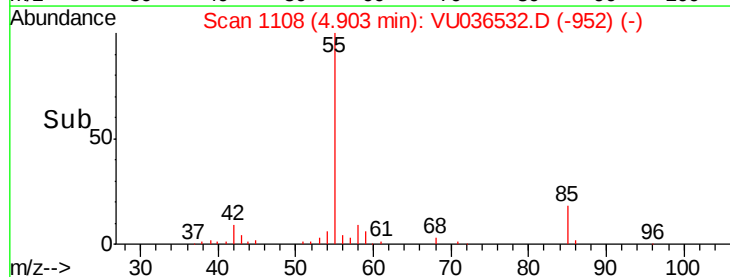
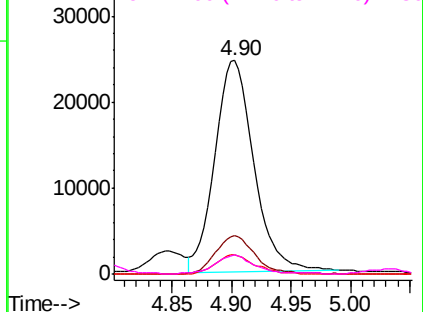


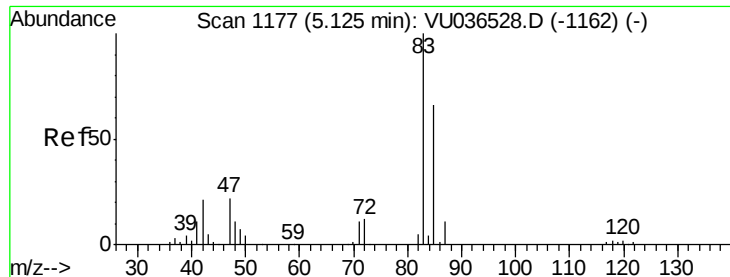
#40
Methyl acrylate
Concen: 11.285 ug/l
RT: 4.90 min Scan# 1108
Delta R.T. 0.00 min
Lab File: VU036532.D
Acq: 23 Jan 2020 10:00

Tgt Ion: 55 Resp: 55683
Ion Ratio Lower Upper
55 100
85 18.2 14.7 22.1
58 8.9 7.1 10.7
42 9.0 6.9 10.3



Abundance Ion 55.00 (54.70 to 55.70): VU0
Ion 85.00 (84.70 to 85.70): VU0
Ion 58.00 (57.70 to 58.70): VU0
Ion 42.00 (41.70 to 42.70): VU0

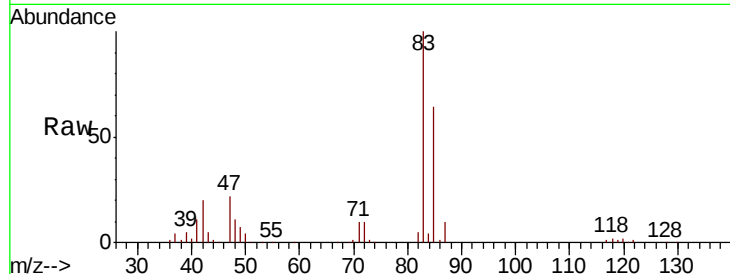




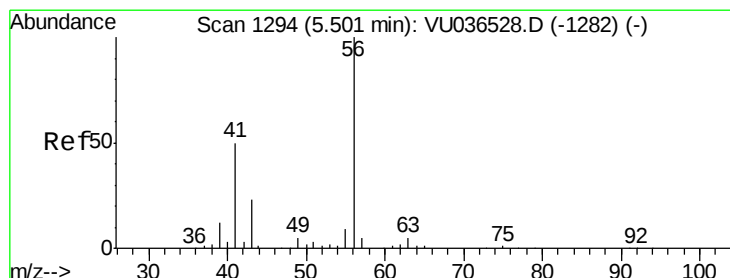
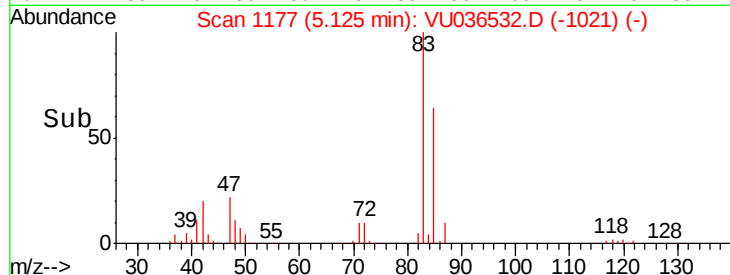
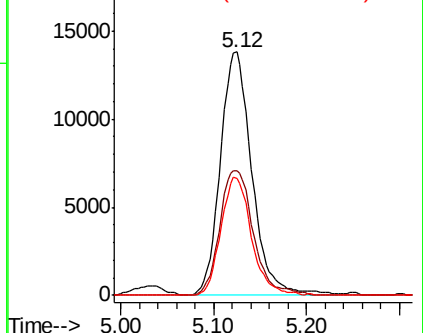
#41
Tetrahydrofuran
Concen: 19.289 ug/l
RT: 5.12 min Scan# 1177
Delta R.T. 0.00 min
Lab File: VU036532.D
Acq: 23 Jan 2020 10:00

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
42	100		
72	54.3	42.5	63.7
71	46.7	37.3	55.9

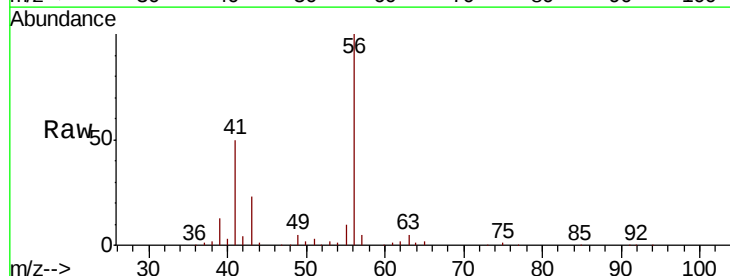


Abundance Ion 42.00 (41.70 to 42.70): VU0
Ion 72.00 (71.70 to 72.70): VU0
Ion 71.00 (70.70 to 71.70): VU0

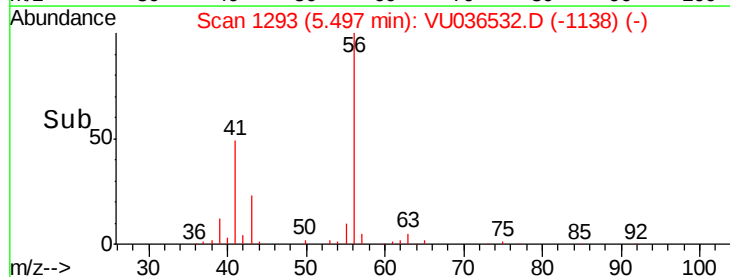
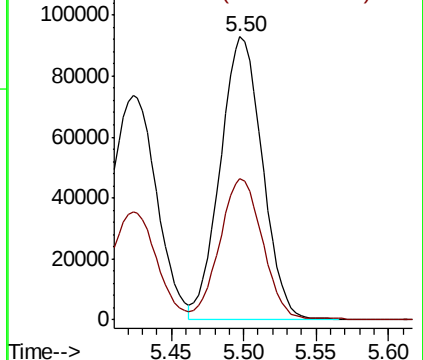


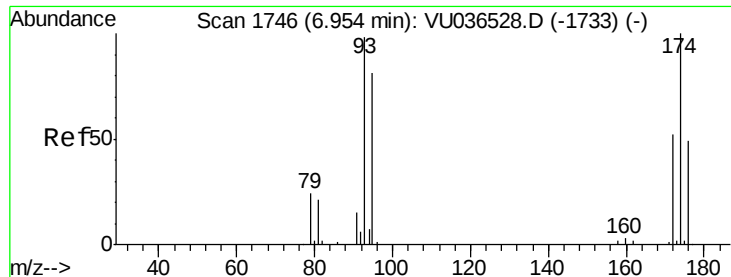
#42
1-Chlorobutane
Concen: 10.141 ug/l
RT: 5.50 min Scan# 1293
Delta R.T. -0.00 min
Lab File: VU036532.D
Acq: 23 Jan 2020 10:00

Tgt Ion	Ratio	Lower	Upper
56	100		
41	50.9	24.8	74.3



Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 41.00 (40.70 to 41.70): VU0

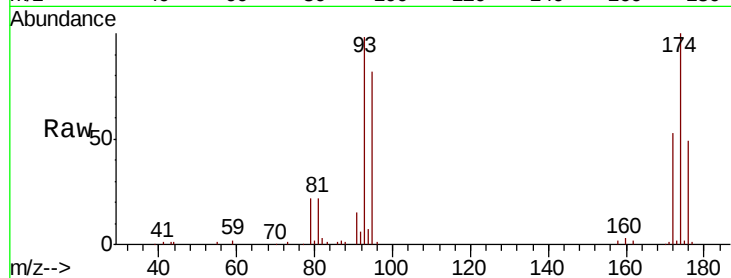




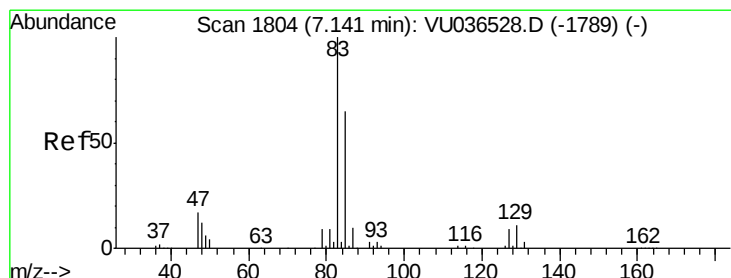
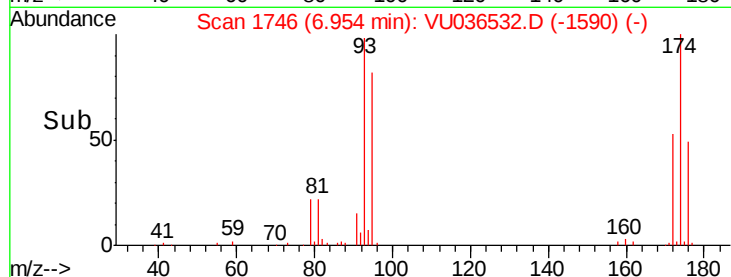
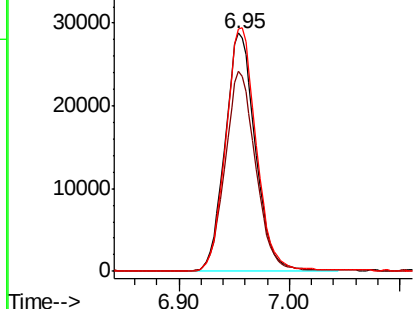
#43
Dibromomethane
Concen: 10.204 ug/l
RT: 6.95 min Scan# 1746
Delta R.T. 0.00 min
Lab File: VU036532.D
Acq: 23 Jan 2020 10:00

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 93 Resp: 55064
Ion Ratio Lower Upper
93 100
95 84.2 67.9 101.9
174 102.3 83.4 125.0

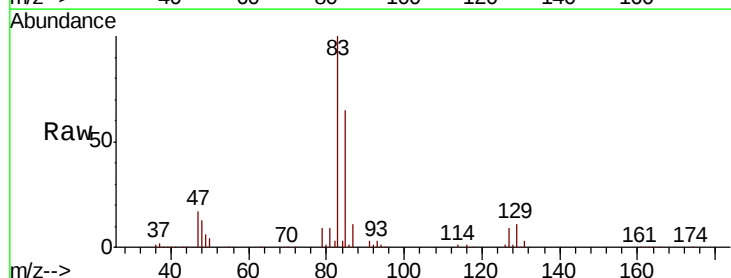


Abundance Ion 93.00 (92.70 to 93.70): VU0
Ion 95.00 (94.70 to 95.70): VU0
Ion 174.00 (173.70 to 174.70): V

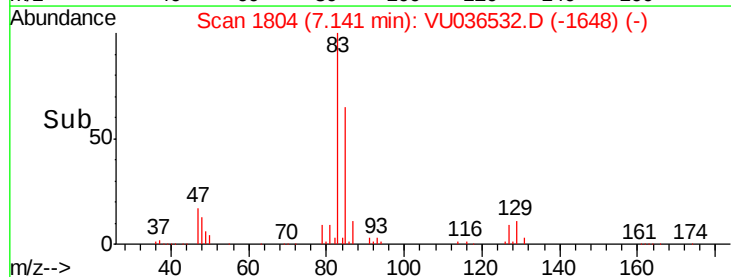
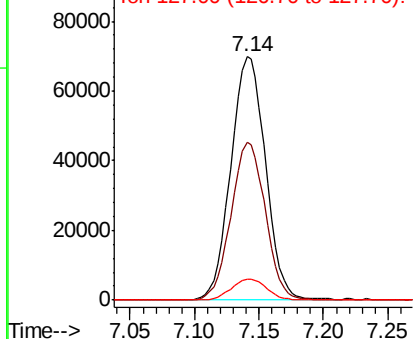


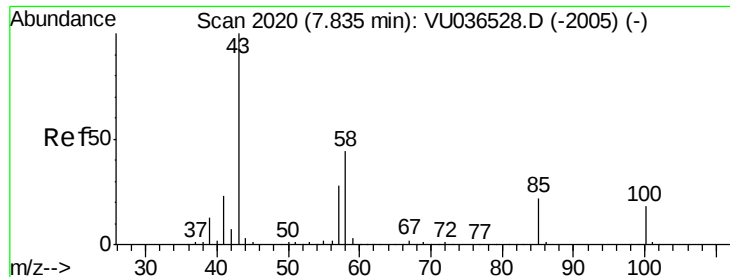
#44
Bromodichloromethane
Concen: 10.233 ug/l
RT: 7.14 min Scan# 1804
Delta R.T. 0.00 min
Lab File: VU036532.D
Acq: 23 Jan 2020 10:00

Tgt Ion: 83 Resp: 130614
Ion Ratio Lower Upper
83 100
85 65.1 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

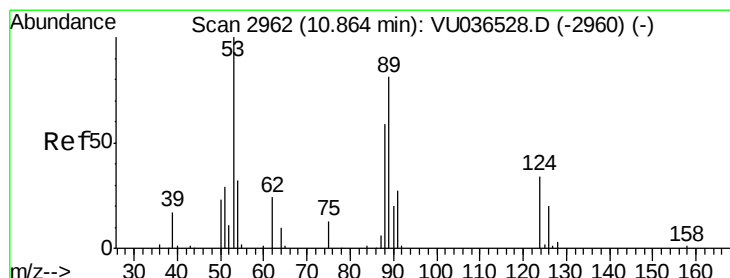
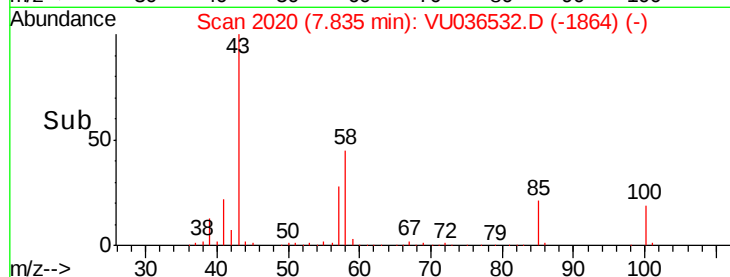
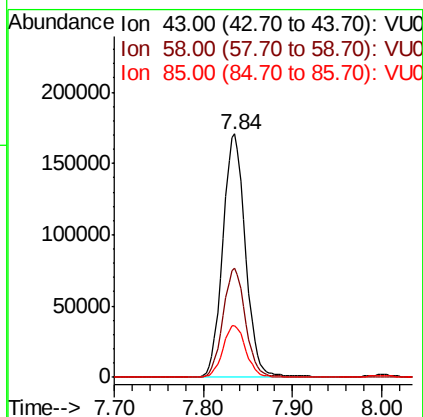
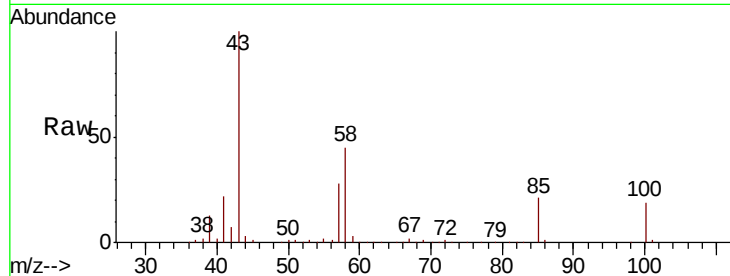




#45
4-Methyl-2-Pentanone
Concen: 49.705 ug/l
RT: 7.84 min Scan# 2020
Delta R.T. 0.00 min
Lab File: VU036532.D
Acq: 23 Jan 2020 10:00

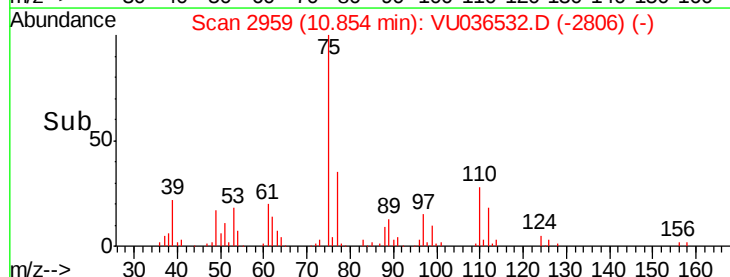
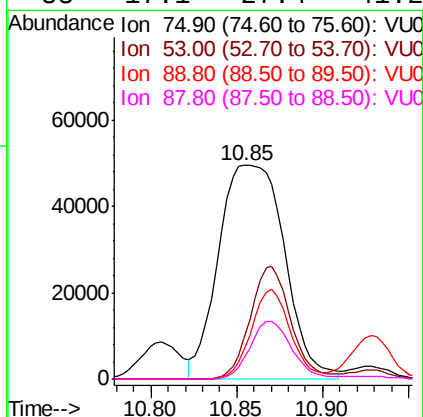
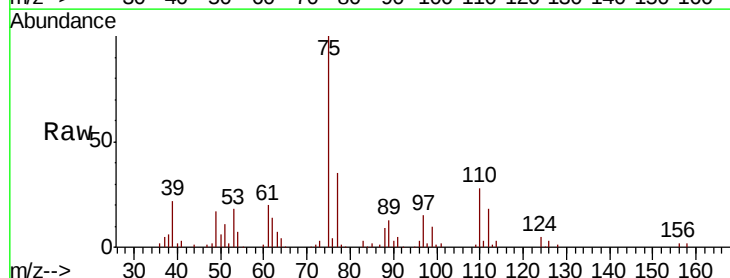
Instrument :
MSVOA_U
ClientSampleID :

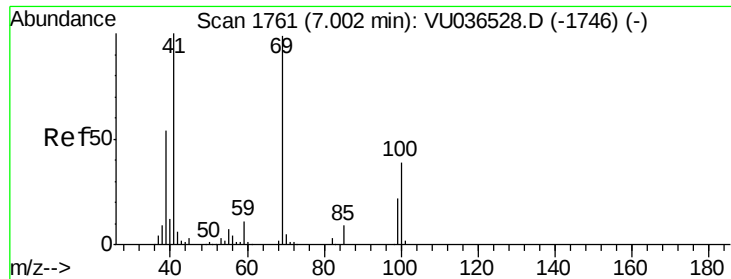
Tot Ion: 43 Resp: 302198
Ion Ratio Lower Upper
43 100
58 44.2 22.1 66.1
85 21.5 17.4 26.0



#46
t-1,4-Dichloro-2-butene
Concen: 49.358 ug/l
RT: 10.85 min Scan# 2959
Delta R.T. -0.01 min
Lab File: VU036532.D
Acq: 23 Jan 2020 10:00

Tgt Ion: 75 Resp: 132155
Ion Ratio Lower Upper
75 100
53 32.4 52.2 78.2#
89 24.9 39.8 59.6#
88 17.1 27.4 41.2#

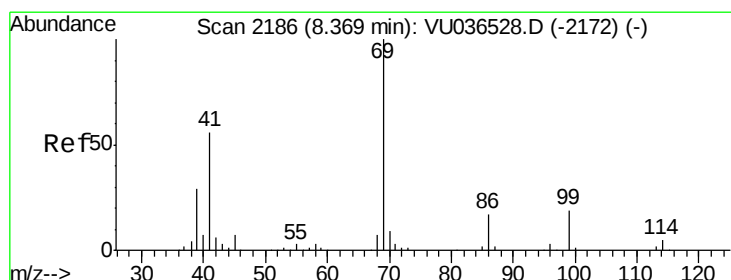
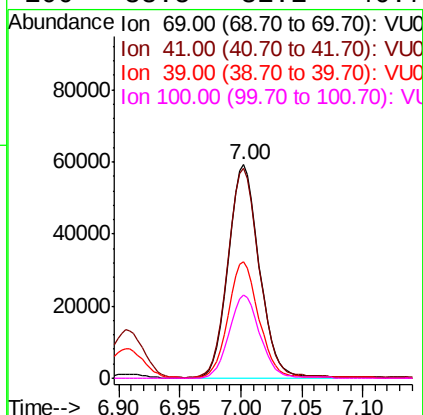
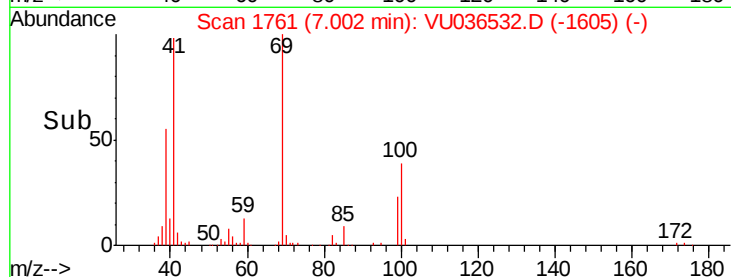
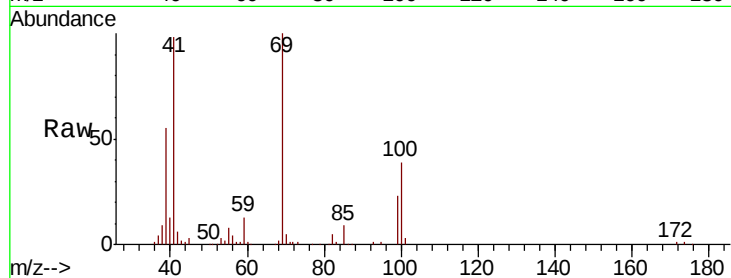




#47
Methyl methacrylate
Concen: 20.006 ug/l
RT: 7.00 min Scan# 1761
Delta R.T. 0.00 min
Lab File: VU036532.D
Acq: 23 Jan 2020 10:00

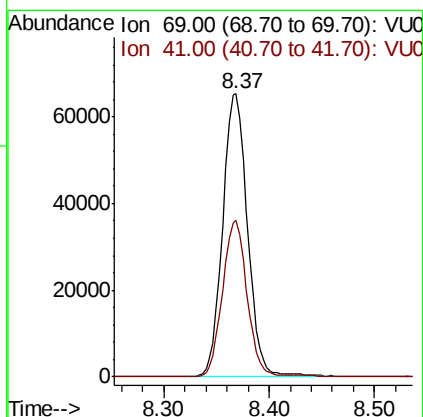
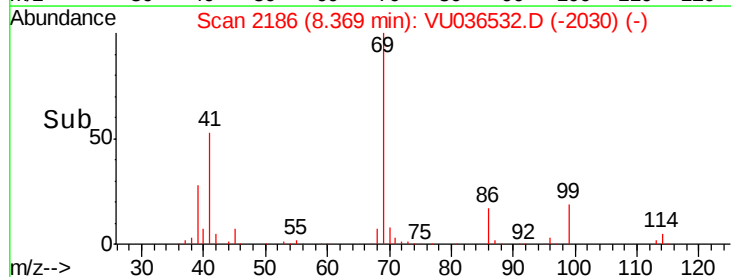
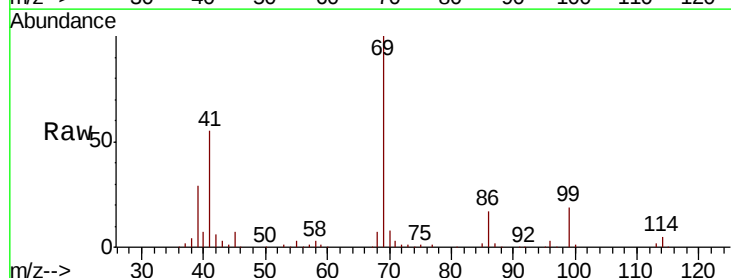
Instrument :
MSVOA_U
ClientSampled :

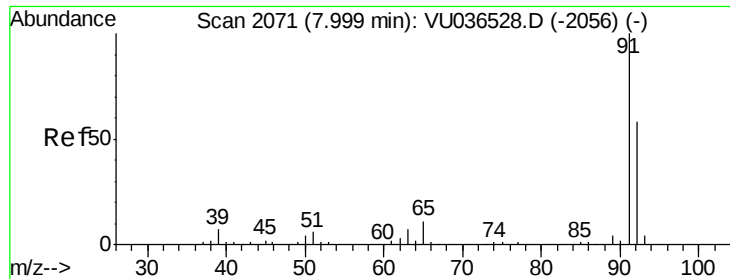
Tot Ion: 69 Resp: 105793
Ion Ratio Lower Upper
69 100
41 99.0 0.0 200.8
39 53.2 43.5 65.3
100 38.5 31.1 46.7



#48
Ethyl methacrylate
Concen: 10.451 ug/l
RT: 8.37 min Scan# 2186
Delta R.T. 0.00 min
Lab File: VU036532.D
Acq: 23 Jan 2020 10:00

Tgt Ion: 69 Resp: 106751
Ion Ratio Lower Upper
69 100
41 54.7 27.9 83.6





#49

Toluene

Concen: 10.084 ug/l

RT: 8.00 min Scan# 2071

Delta R.T. 0.00 min

Lab File: VU036532.D

Acq: 23 Jan 2020 10:00

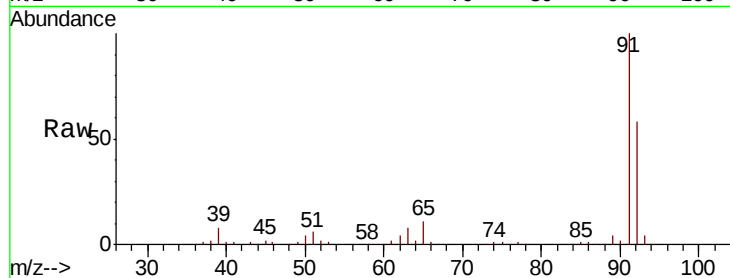
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 92 Resp: 264702

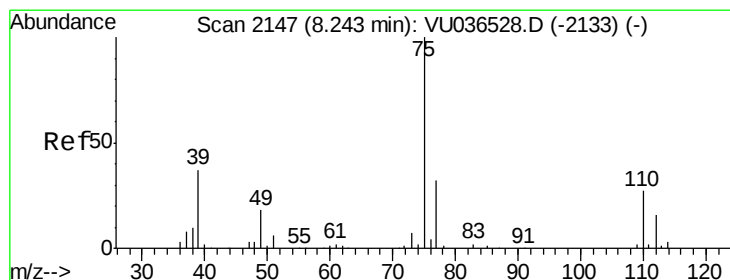
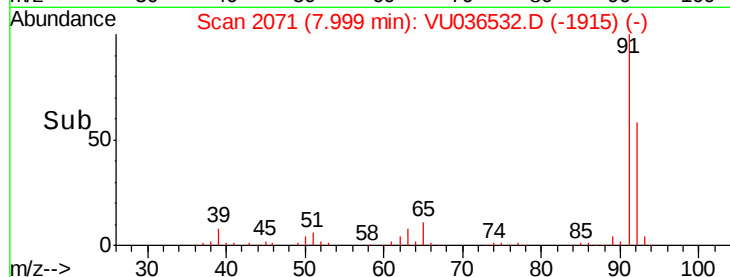
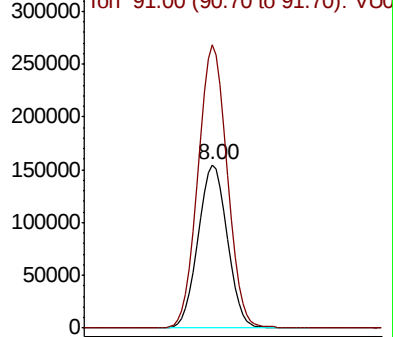
Ion Ratio Lower Upper

92 100

91 172.6 139.1 208.7



Abundance Ion 92.00 (91.70 to 92.70): VU036532.D (-1915) (-)



#50

t-1,3-Dichloropropene

Concen: 10.801 ug/l

RT: 8.24 min Scan# 2146

Delta R.T. -0.00 min

Lab File: VU036532.D

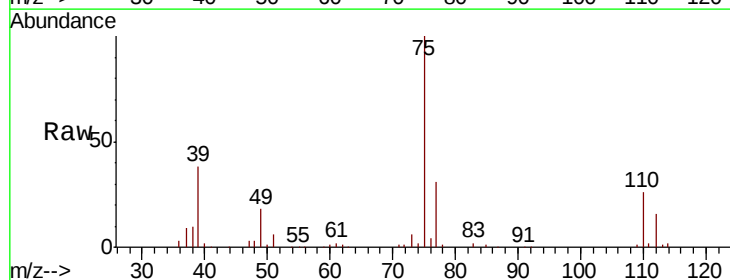
Acq: 23 Jan 2020 10:00

Tgt Ion: 75 Resp: 137384

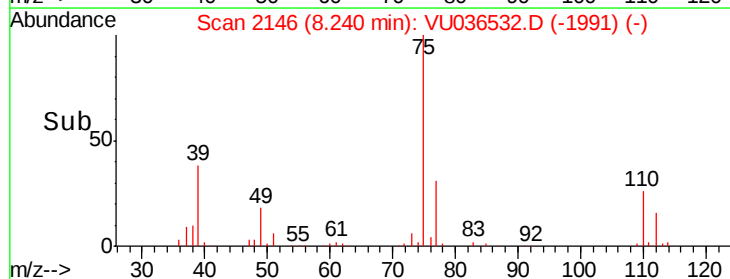
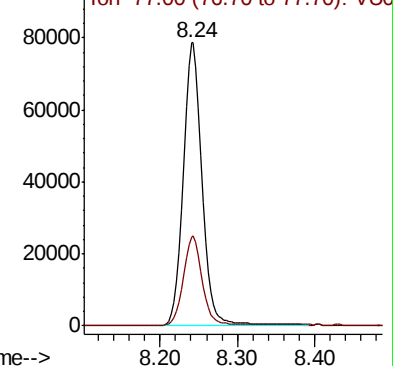
Ion Ratio Lower Upper

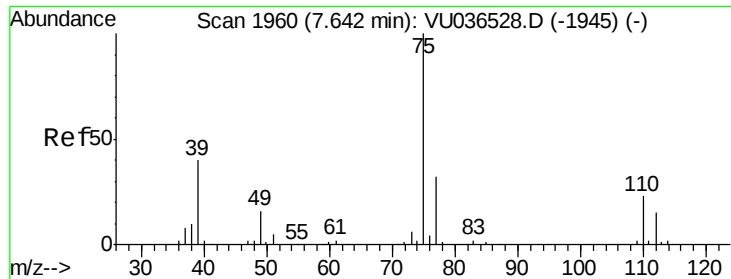
75 100

77 31.0 25.4 38.2



Abundance Ion 75.00 (74.70 to 75.70): VU036532.D (-1991) (-)



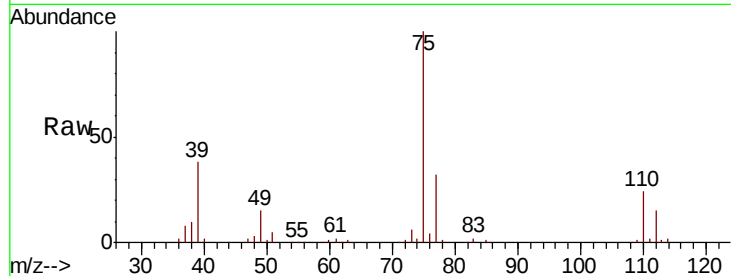


#51

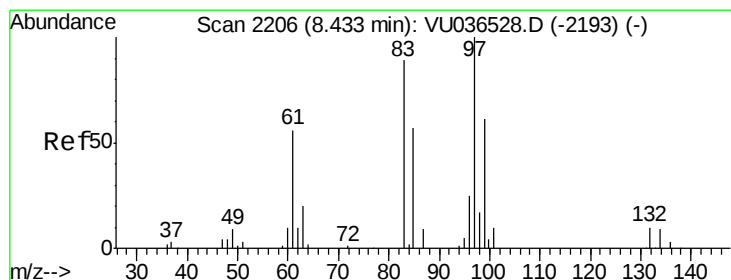
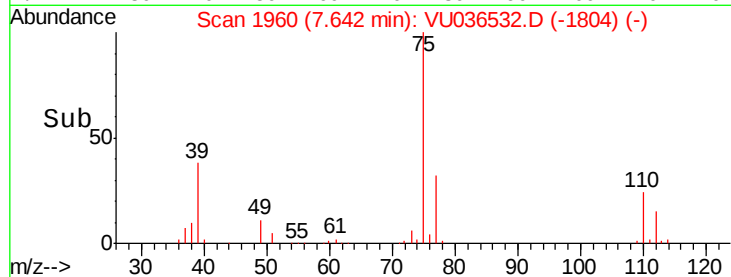
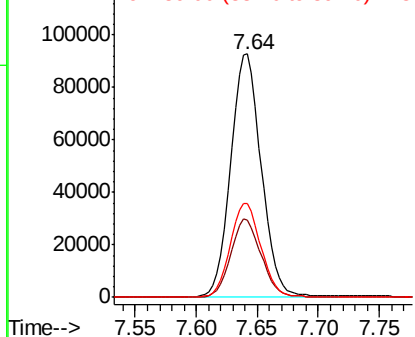
cis-1,3-Dichloropropene
Concen: 10.548 ug/l
RT: 7.64 min Scan# 1960
Delta R.T. 0.00 min
Lab File: VU036532.D
Acq: 23 Jan 2020 10:00

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 75 Resp: 162606
Ion Ratio Lower Upper
75 100
77 31.5 25.3 37.9
39 38.3 31.8 47.6



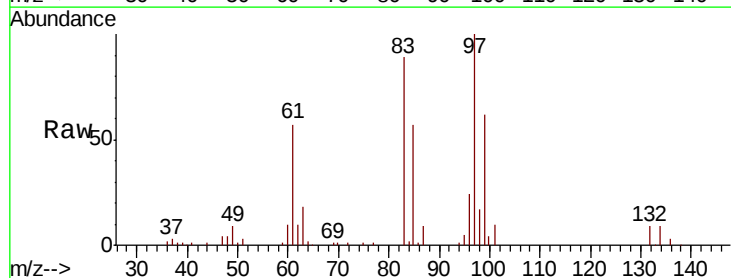
Abundance Ion 75.00 (74.70 to 75.70): VU0
Ion 77.00 (76.70 to 77.70): VU0
Ion 39.00 (38.70 to 39.70): VU0



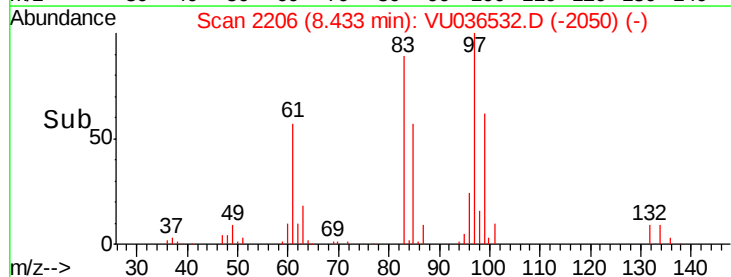
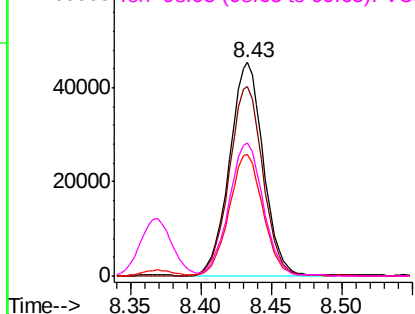
#52

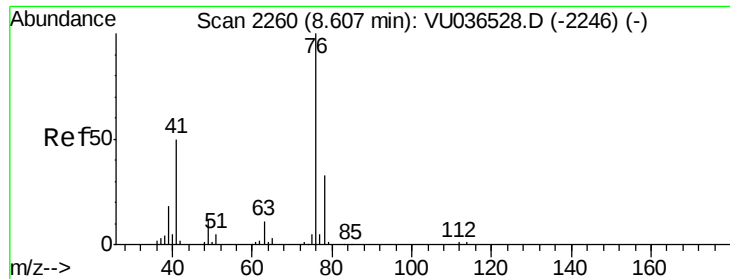
1,1,2-Trichloroethane
Concen: 9.972 ug/l
RT: 8.43 min Scan# 2206
Delta R.T. 0.00 min
Lab File: VU036532.D
Acq: 23 Jan 2020 10:00

Tgt Ion: 97 Resp: 76346
Ion Ratio Lower Upper
97 100
83 88.5 70.9 106.3
85 56.9 45.6 68.4
99 62.1 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

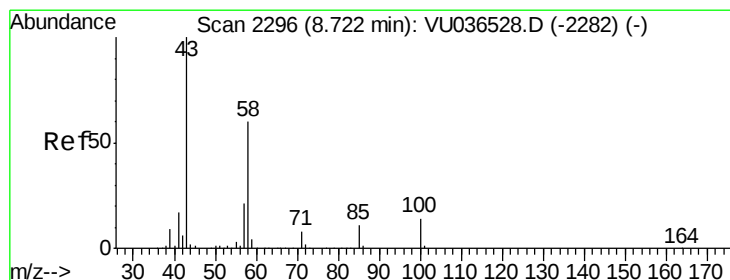
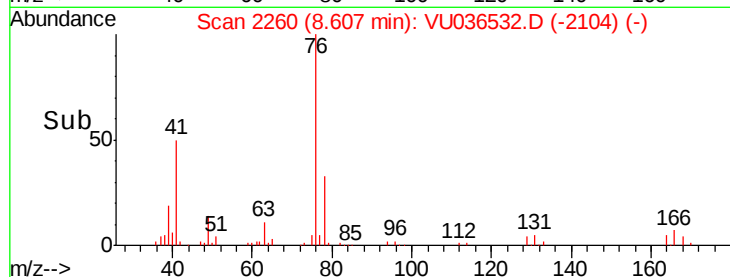
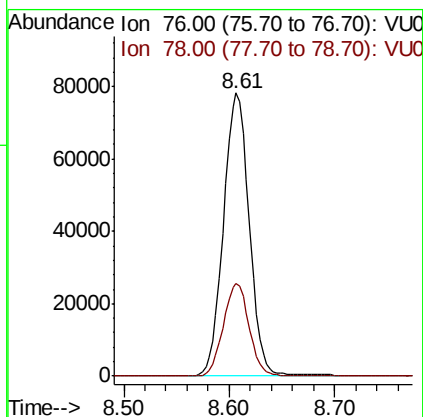
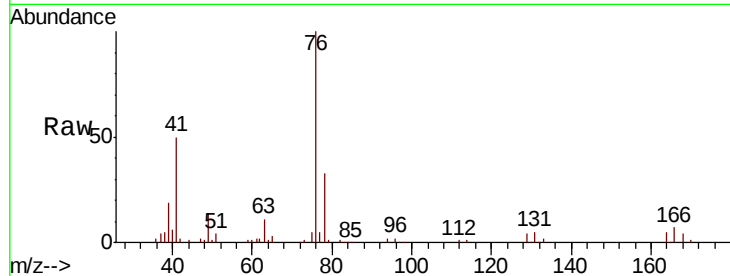




#53
 1,3-Dichloropropane
 Concen: 10.103 ug/l
 RT: 8.61 min Scan# 2260
 Delta R.T. 0.00 min
 Lab File: VU036532.D
 Acq: 23 Jan 2020 10:00

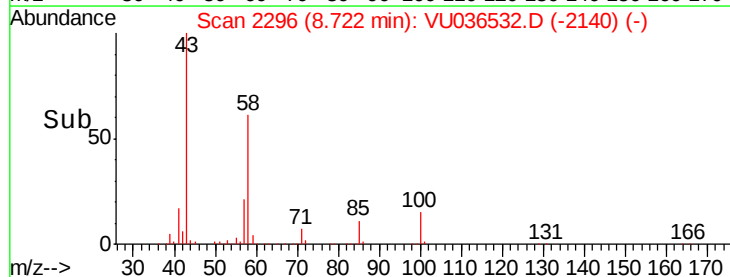
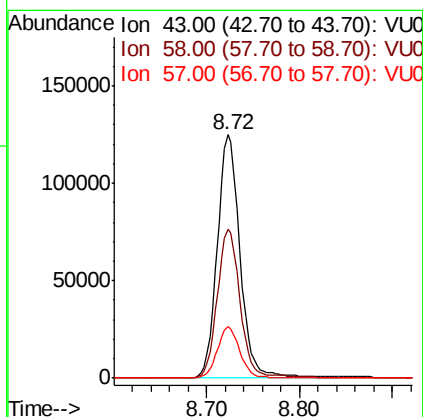
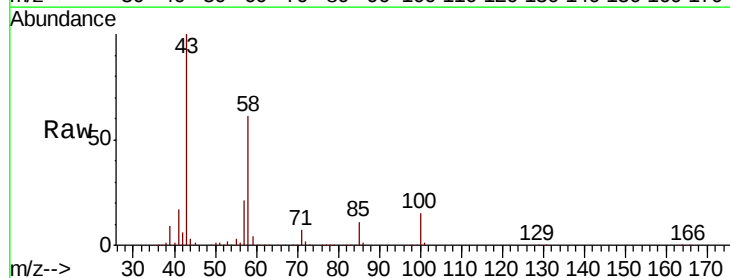
Instrument :
 MSVOA_U
 ClientSampleId :

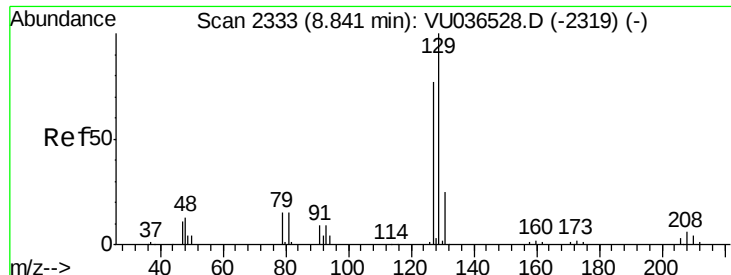
Tot Ion: 76 Resp: 132585
 Ion Ratio Lower Upper
 76 100
 78 32.8 25.4 38.2



#54
 2-Hexanone
 Concen: 50.198 ug/l
 RT: 8.72 min Scan# 2296
 Delta R.T. 0.00 min
 Lab File: VU036532.D
 Acq: 23 Jan 2020 10:00

Tgt Ion: 43 Resp: 214035
 Ion Ratio Lower Upper
 43 100
 58 62.1 40.6 80.6
 57 20.8 1.2 41.2





#55

Dibromochloromethane

Concen: 10.493 ug/l

RT: 8.84 min Scan# 2332

Delta R.T. -0.00 min

Lab File: VU036532.D

Acq: 23 Jan 2020 10:00

Instrument :

MSVOA_U

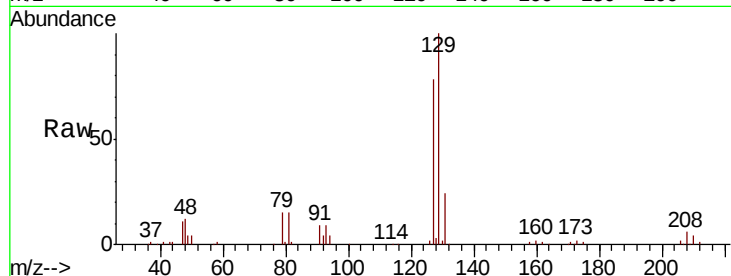
ClientSampleId :

Tot Ion:129 Resp: 92495

Ion Ratio Lower Upper

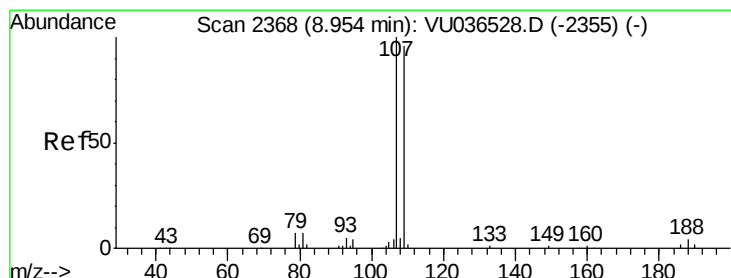
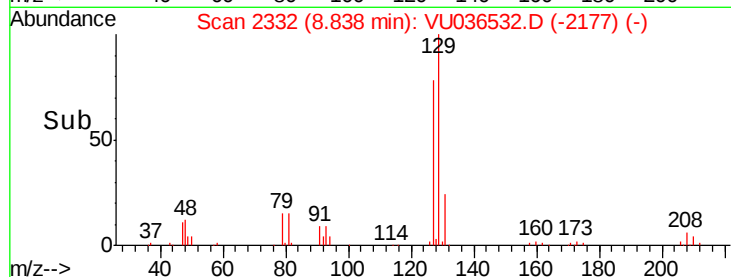
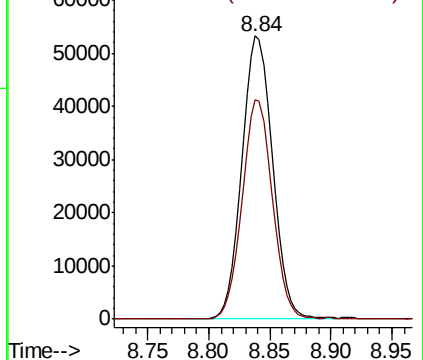
129 100

127 76.1 62.6 94.0



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#56

1,2-Dibromoethane

Concen: 10.173 ug/l

RT: 8.95 min Scan# 2368

Delta R.T. 0.00 min

Lab File: VU036532.D

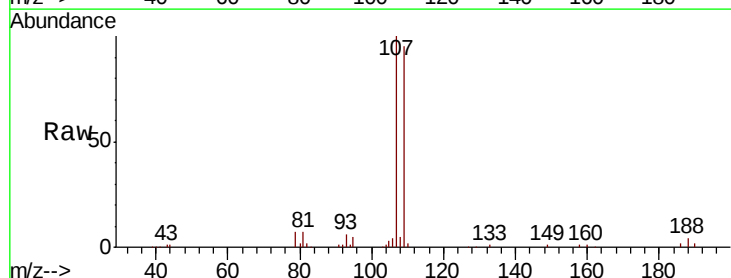
Acq: 23 Jan 2020 10:00

Tgt Ion:107 Resp: 75000

Ion Ratio Lower Upper

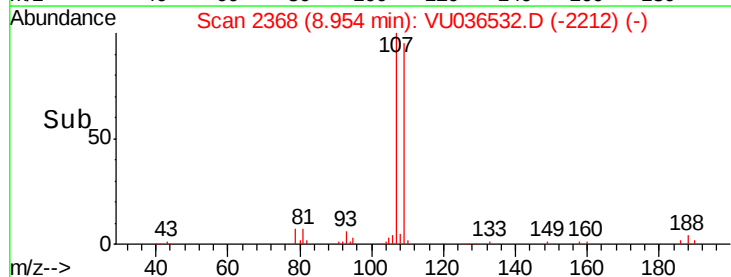
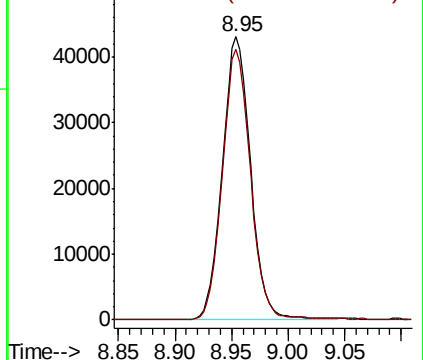
107 100

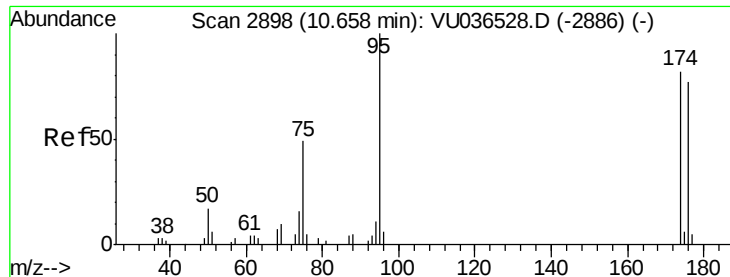
109 94.8 0.0 190.8



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

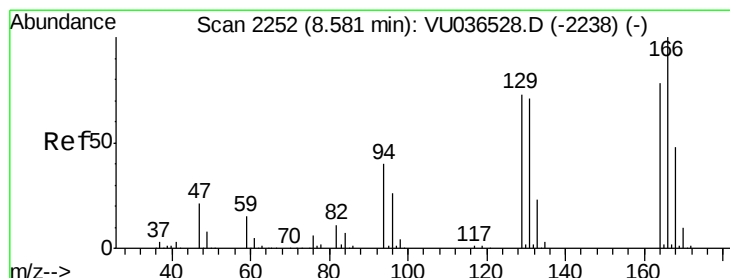
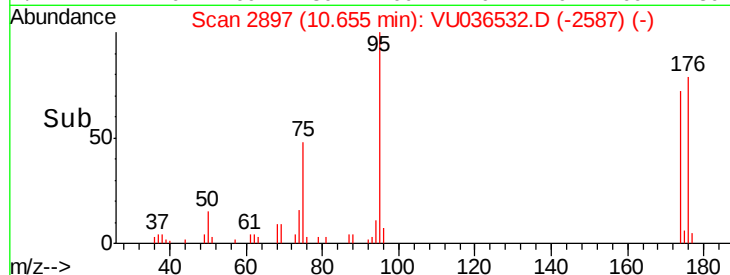
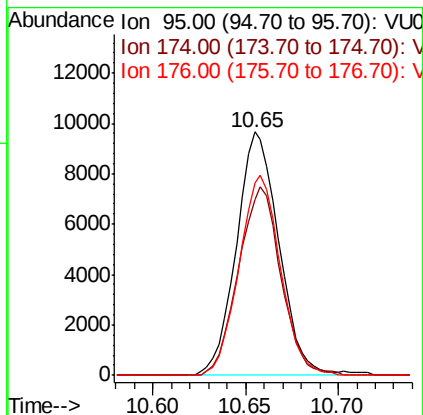
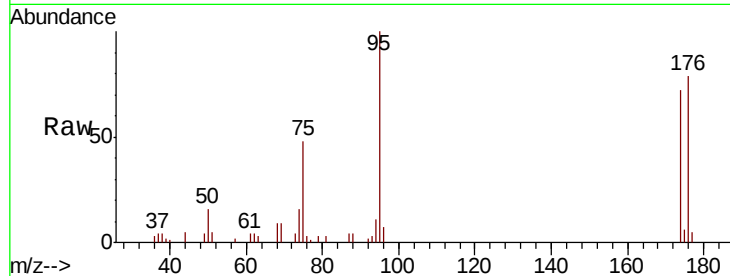




#57
4-Bromofluorobenzene
Concen: 1.093 ug/l
RT: 10.65 min Scan# 2897
Delta R.T. -0.00 min
Lab File: VU036532.D
Acq: 23 Jan 2020 10:00

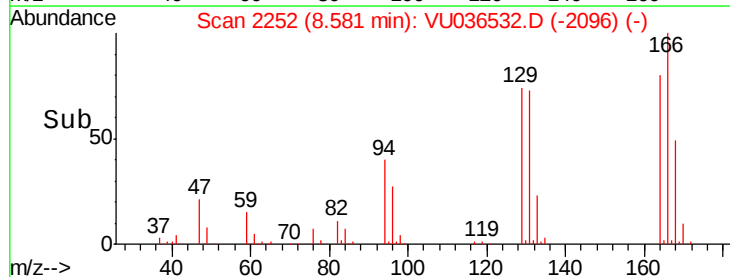
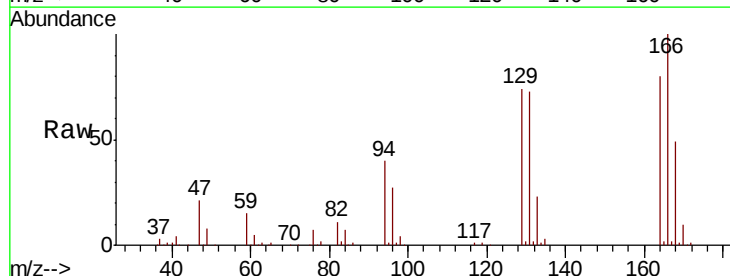
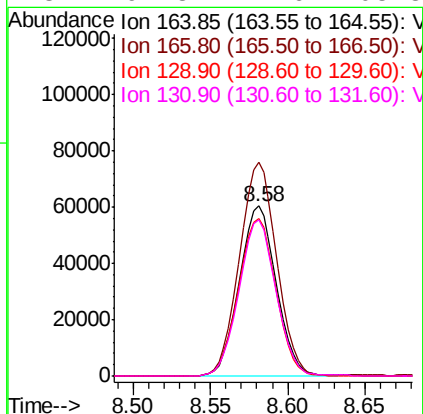
Instrument :
MSVOA_U
ClientSampleId :

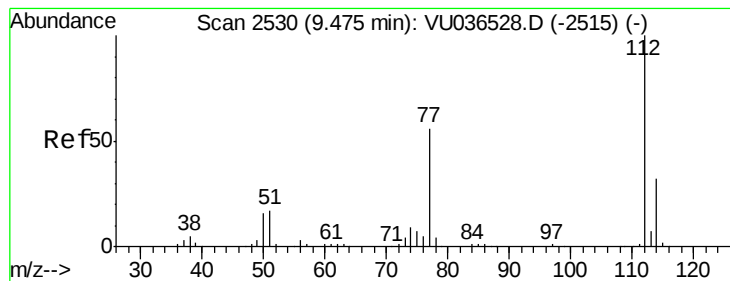
Tot Ion: 95 Resp: 15311
Ion Ratio Lower Upper
95 100
174 77.6 64.7 97.1
176 80.1 60.6 91.0



#58
Tetrachloroethene
Concen: 8.876 ug/l
RT: 8.58 min Scan# 2252
Delta R.T. 0.00 min
Lab File: VU036532.D
Acq: 23 Jan 2020 10:00

Tgt Ion: 164 Resp: 100719
Ion Ratio Lower Upper
164 100
166 125.6 102.0 153.0
129 92.5 74.9 112.3
131 91.8 72.6 108.8





#59

Chlorobenzene

Concen: 10.199 ug/l

RT: 9.47 min Scan# 2530

Delta R.T. 0.00 min

Lab File: VU036532.D

Acq: 23 Jan 2020 10:00

Instrument :

MSVOA_U

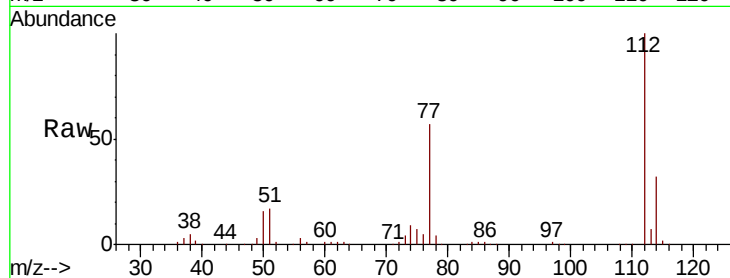
ClientSampleId :

Tot Ion:112 Resp: 298203

Ion Ratio Lower Upper

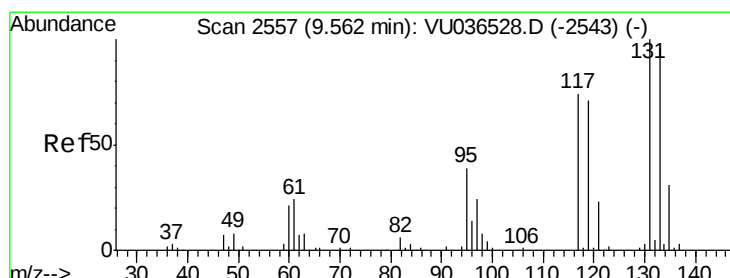
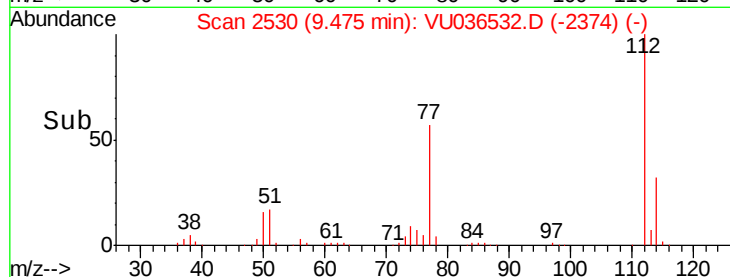
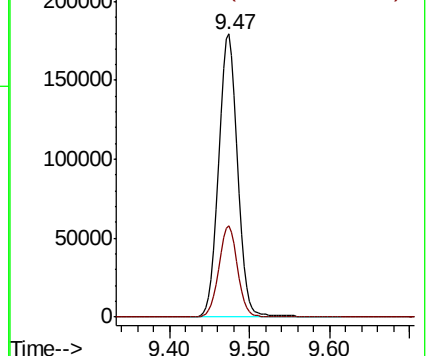
112 100

114 32.2 25.8 38.8



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V



#60

1,1,1,2-Tetrachloroethane

Concen: 10.191 ug/l

RT: 9.56 min Scan# 2557

Delta R.T. 0.00 min

Lab File: VU036532.D

Acq: 23 Jan 2020 10:00

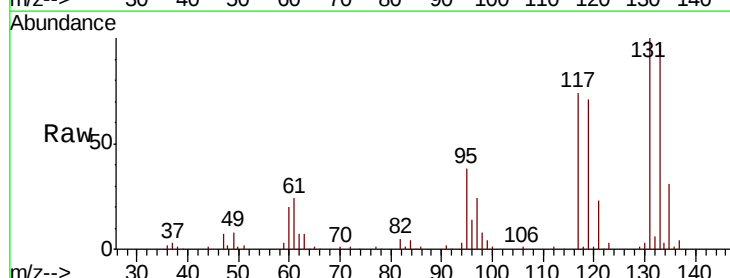
Tgt Ion:131 Resp: 95170

Ion Ratio Lower Upper

131 100

133 97.9 76.4 114.6

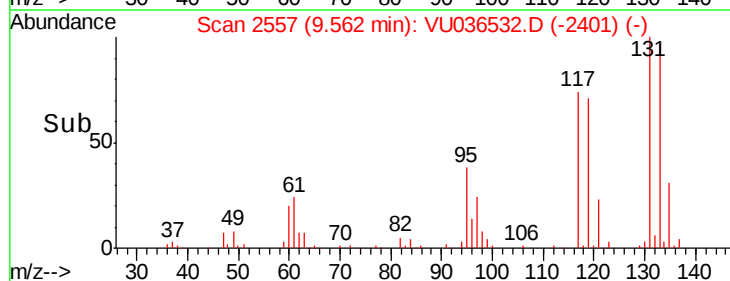
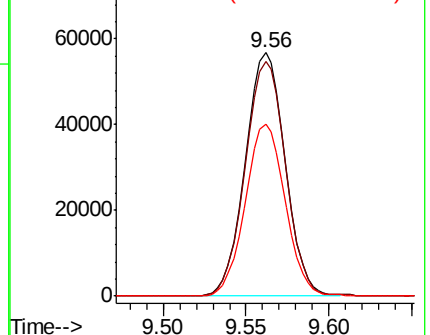
119 71.0 56.6 85.0

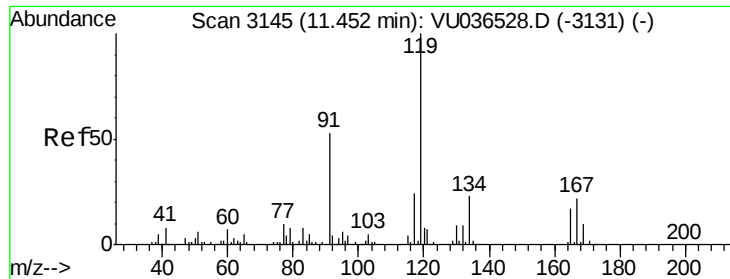


Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V

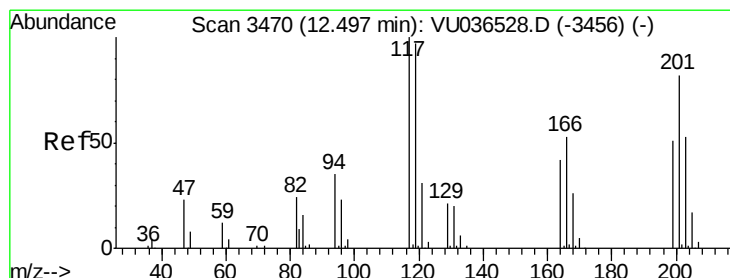
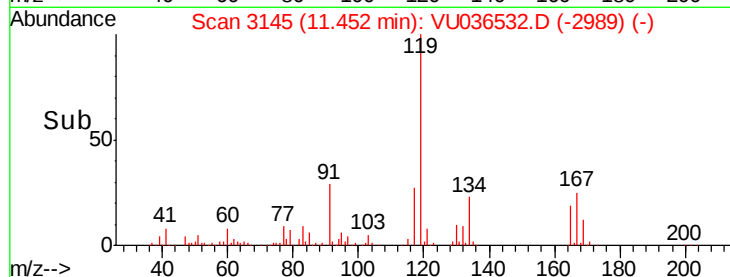
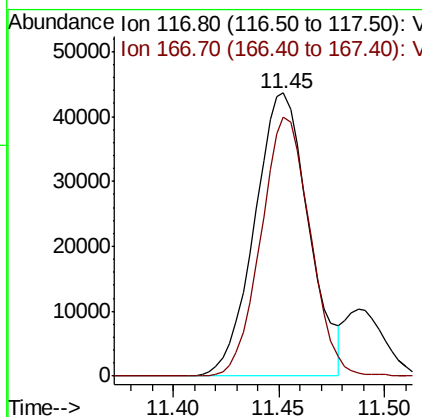
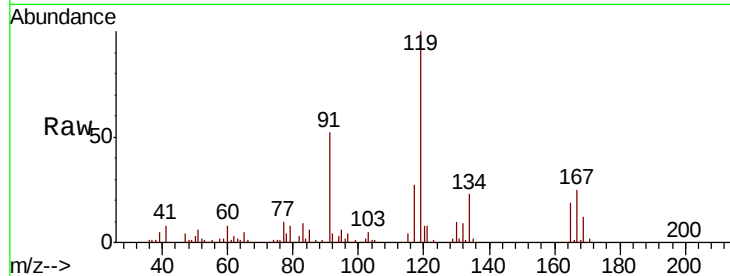




#61
 Pentachloroethane
 Concen: 12.905 ug/l
 RT: 11.45 min Scan# 3145
 Delta R.T. 0.00 min
 Lab File: VU036532.D
 Acq: 23 Jan 2020 10:00

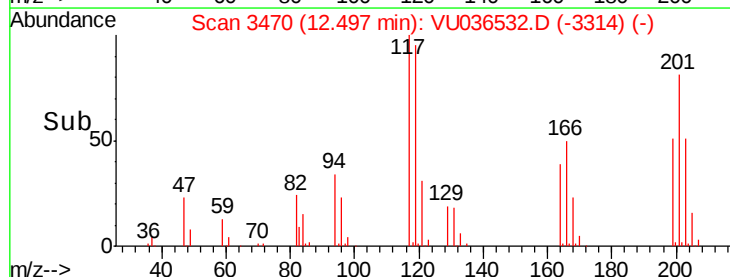
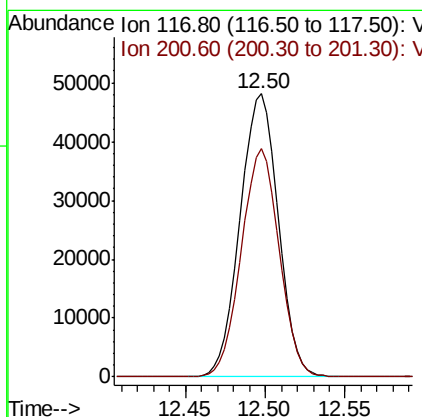
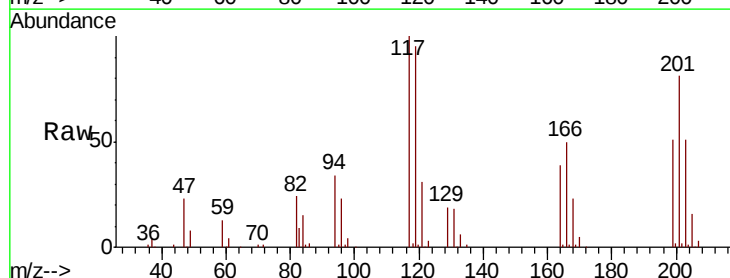
Instrument :
 MSVOA_U
 ClientSampleId :

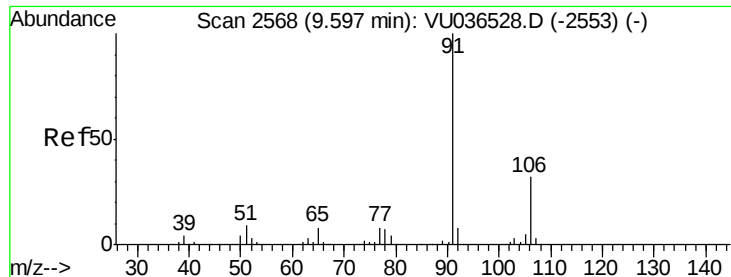
Tot Ion:117 Resp: 77748
 Ion Ratio Lower Upper
 117 100
 167 83.6 66.7 100.1



#62
 Hexachloroethane
 Concen: 10.239 ug/l
 RT: 12.50 min Scan# 3470
 Delta R.T. 0.00 min
 Lab File: VU036532.D
 Acq: 23 Jan 2020 10:00

Tgt Ion:117 Resp: 78620
 Ion Ratio Lower Upper
 117 100
 201 79.9 65.0 97.4

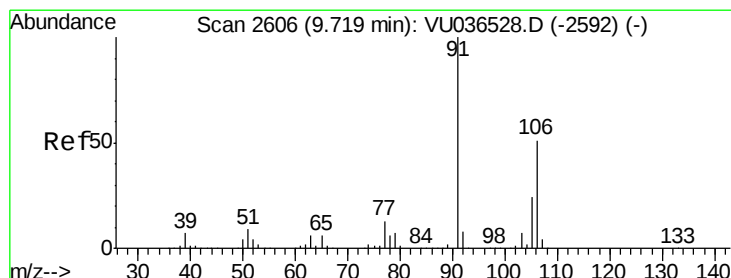
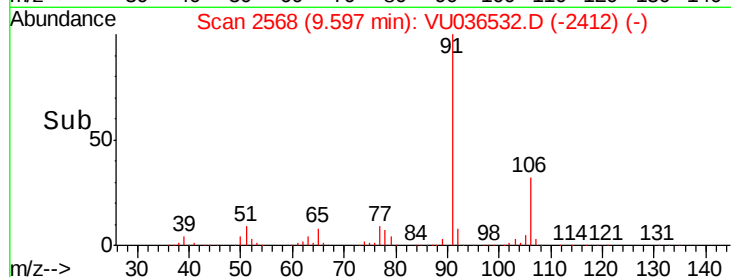
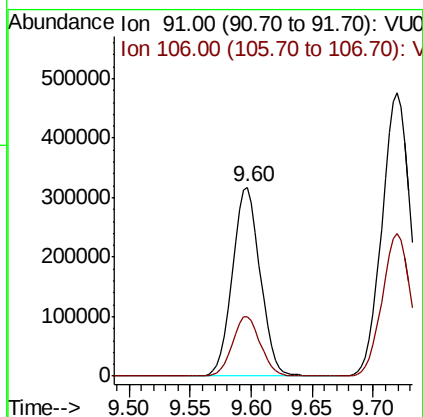
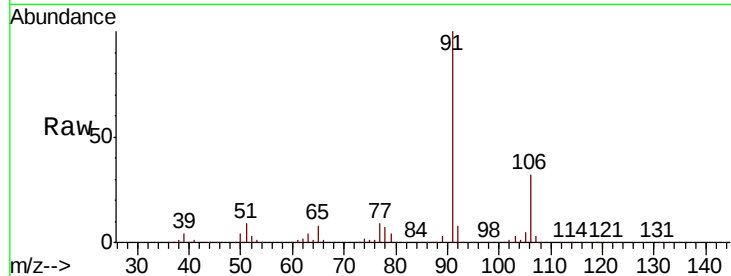




#63
Ethyl Benzene
Concen: 10.301 ug/l
RT: 9.60 min Scan# 2568
Delta R.T. 0.00 min
Lab File: VU036532.D
Acq: 23 Jan 2020 10:00

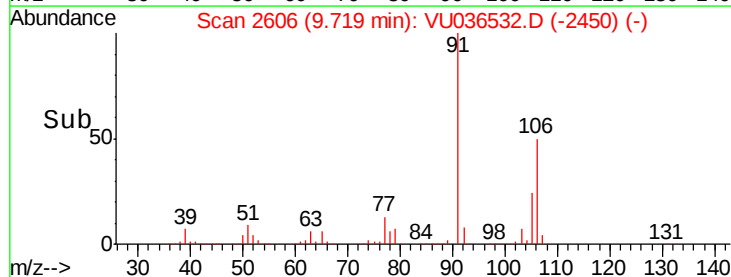
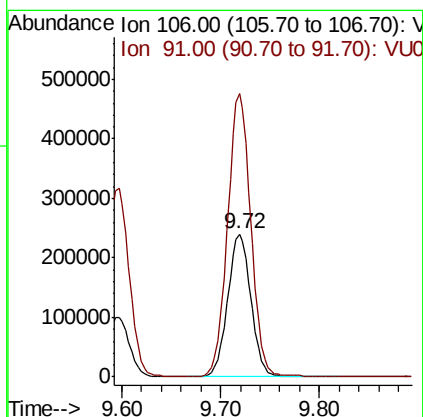
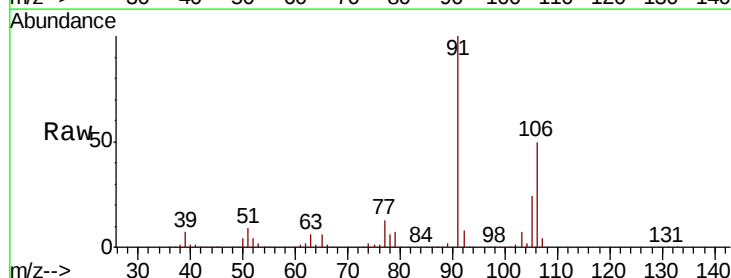
Instrument :
MSVOA_U
ClientSampled :

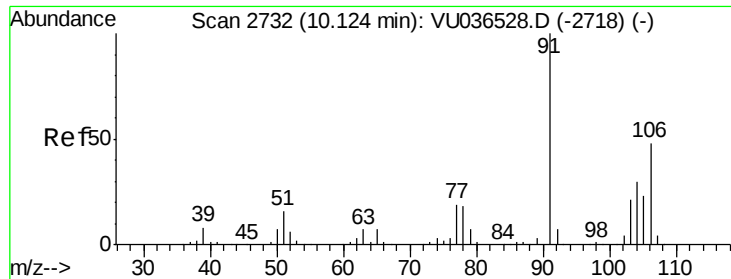
Tot Ion: 91 Resp: 504761
Ion Ratio Lower Upper
91 100
106 31.7 26.0 39.0



#64
m/p-Xylenes
Concen: 20.365 ug/l
RT: 9.72 min Scan# 2606
Delta R.T. 0.00 min
Lab File: VU036532.D
Acq: 23 Jan 2020 10:00

Tgt Ion: 106 Resp: 395015
Ion Ratio Lower Upper
106 100
91 198.1 158.2 237.4

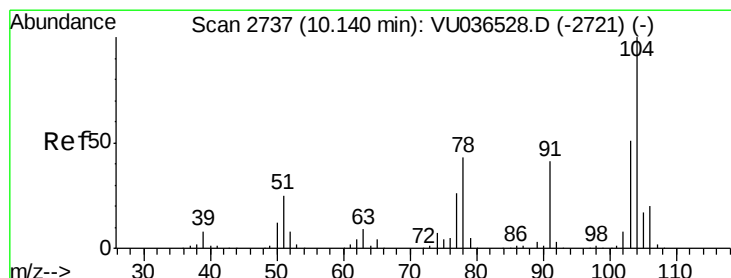
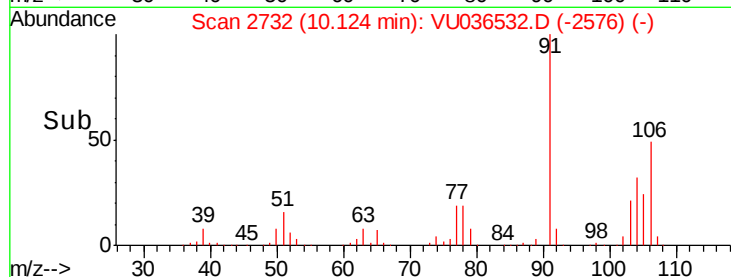
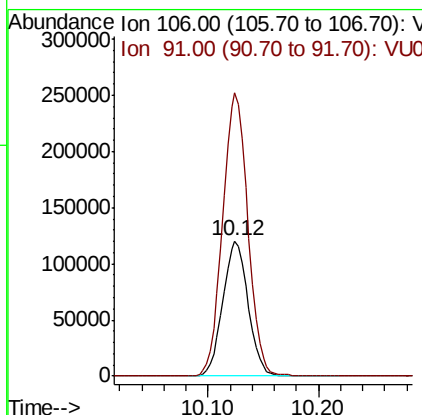
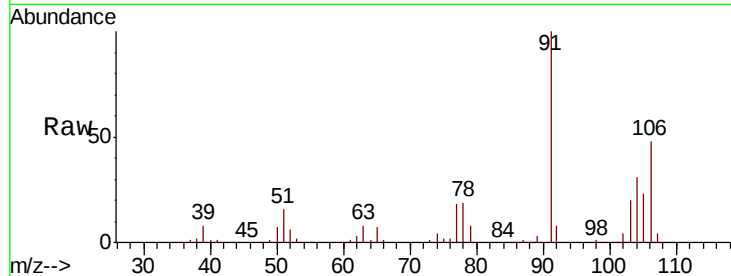




#65
o-Xylene
Concen: 10.189 ug/l
RT: 10.12 min Scan# 2732
Delta R.T. 0.00 min
Lab File: VU036532.D
Acq: 23 Jan 2020 10:00

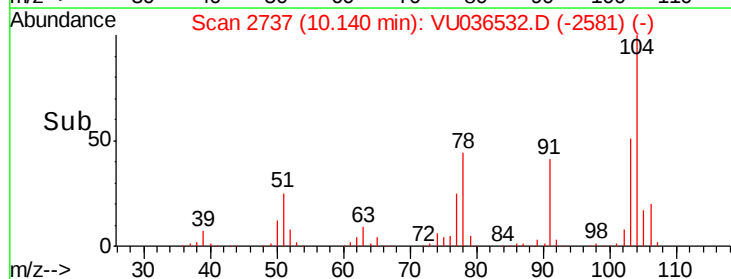
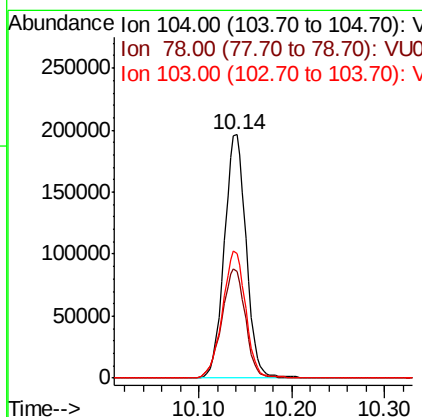
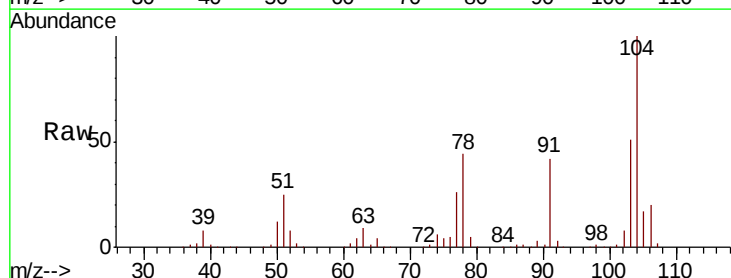
Instrument :
MSVOA_U
ClientSampled :

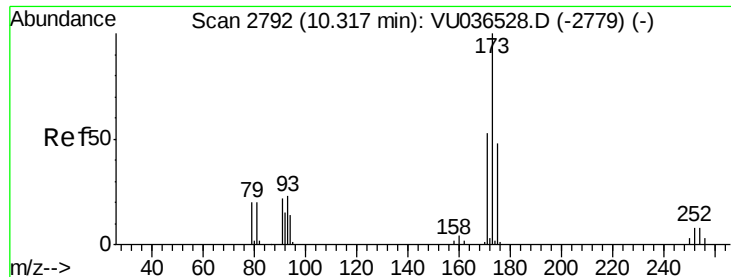
Tot Ion:106 Resp: 191369
Ion Ratio Lower Upper
106 100
91 209.7 104.3 312.9



#66
Styrene
Concen: 10.260 ug/l
RT: 10.14 min Scan# 2737
Delta R.T. 0.00 min
Lab File: VU036532.D
Acq: 23 Jan 2020 10:00

Tgt Ion:104 Resp: 322707
Ion Ratio Lower Upper
104 100
78 48.4 38.6 57.8
103 55.3 44.4 66.6





#67

Bromoform

Concen: 10.466 ug/l

RT: 10.32 min Scan# 2792

Delta R.T. 0.00 min

Lab File: VU036532.D

Acq: 23 Jan 2020 10:00

Instrument :

MSVOA_U

ClientSampleId :

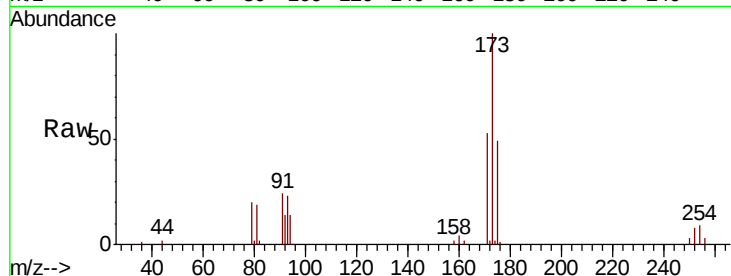
Tot Ion:173 Resp: 52826

Ion Ratio Lower Upper

173 100

175 48.9 38.3 57.5

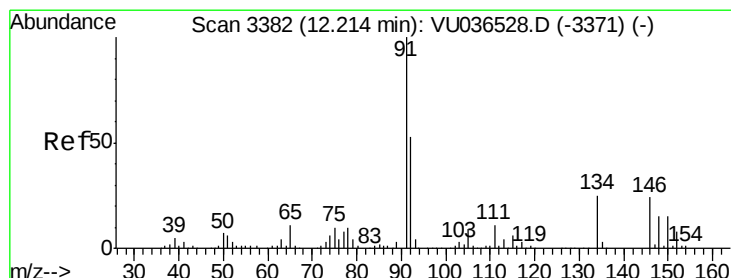
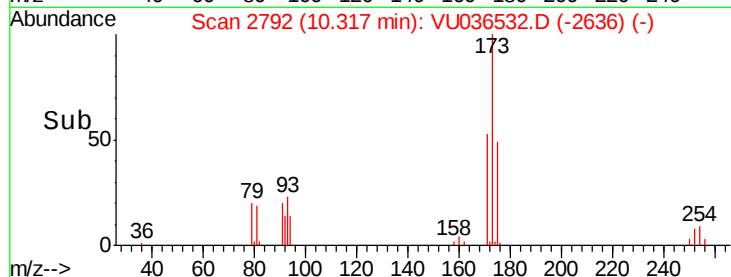
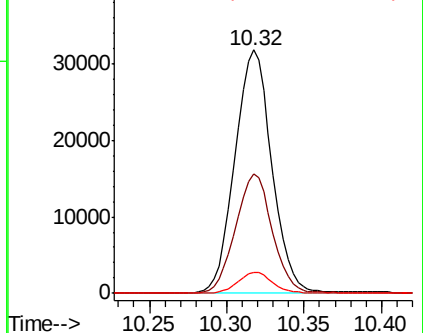
254 8.1 6.6 9.8



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: 0.982 ug/l

RT: 12.21 min Scan# 3382

Delta R.T. 0.00 min

Lab File: VU036532.D

Acq: 23 Jan 2020 10:00

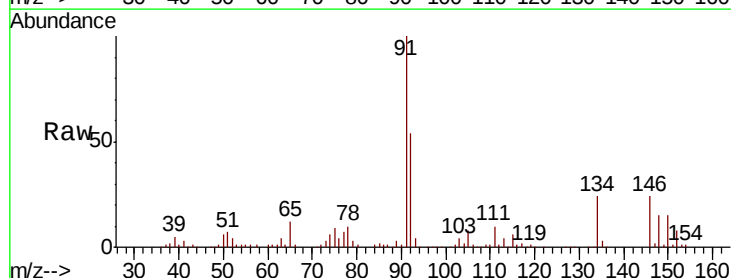
Tgt Ion:152 Resp: 14085

Ion Ratio Lower Upper

152 100

115 117.5 0.0 241.8

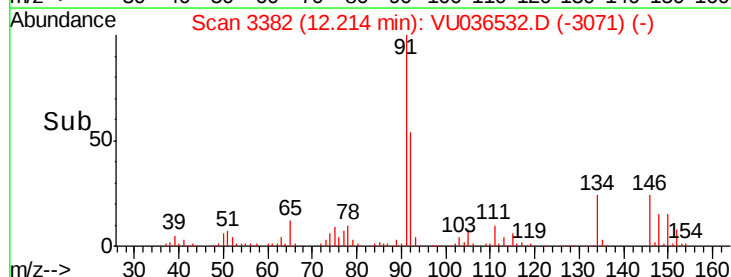
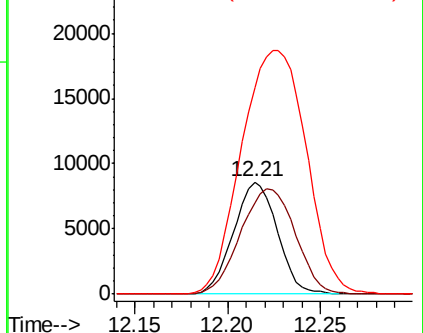
150 321.6 0.0 652.4

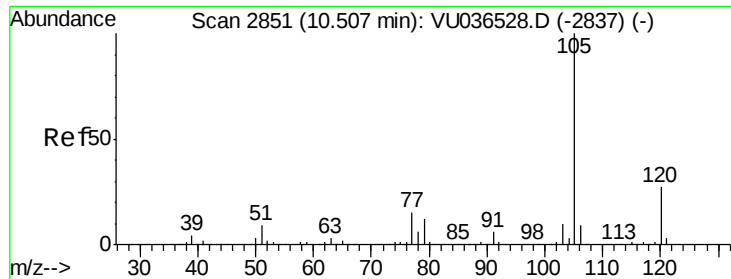


Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V





#69

Isopropylbenzene

Concen: 10.211 ug/l

RT: 10.51 min Scan# 2851

Delta R.T. 0.00 min

Lab File: VU036532.D

Acq: 23 Jan 2020 10:00

Instrument :

MSVOA_U

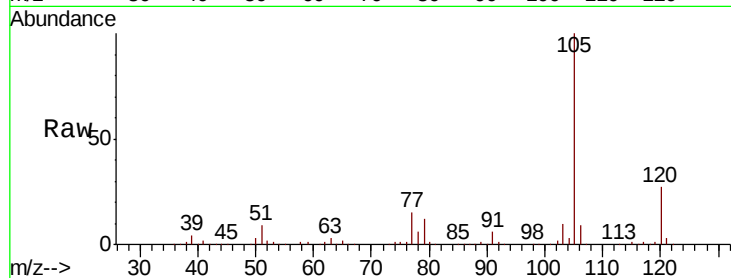
ClientSampleId :

Tot Ion:105 Resp: 503824

Ion Ratio Lower Upper

105 100

120 26.9 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

10.51

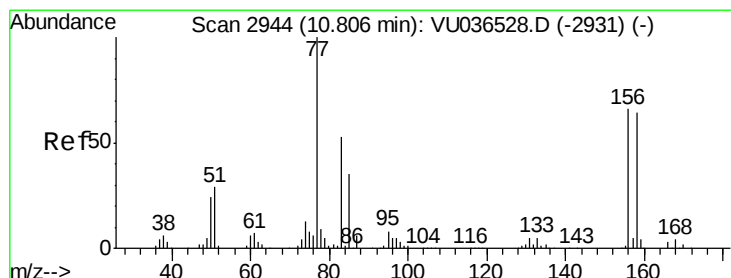
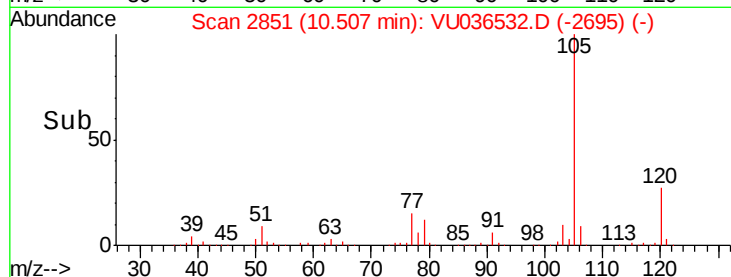
300000

200000

100000

0

Time--> 10.40 10.50 10.60



#70

1,1,2,2-Tetrachloroethane

Concen: 10.288 ug/l

RT: 10.81 min Scan# 2945

Delta R.T. 0.00 min

Lab File: VU036532.D

Acq: 23 Jan 2020 10:00

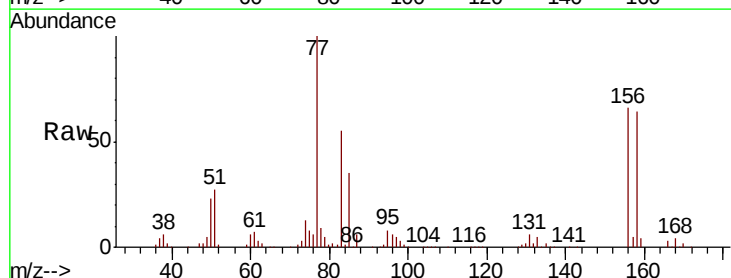
Tgt Ion: 83 Resp: 99382

Ion Ratio Lower Upper

83 100

131 9.9 7.8 11.8

85 63.9 53.2 79.8



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VU0

10.81

80000

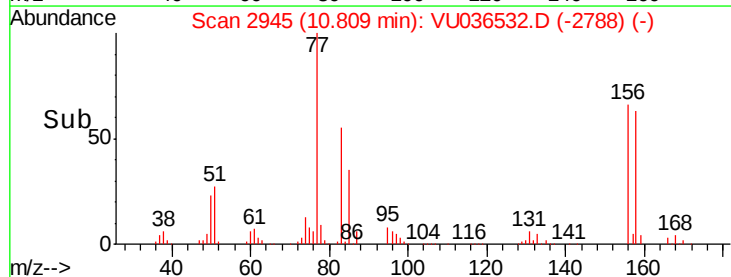
60000

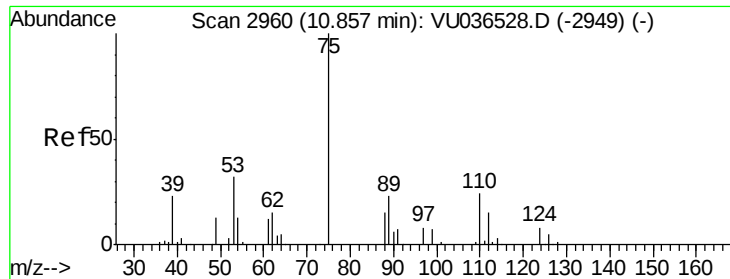
40000

20000

0

Time--> 10.80 10.90

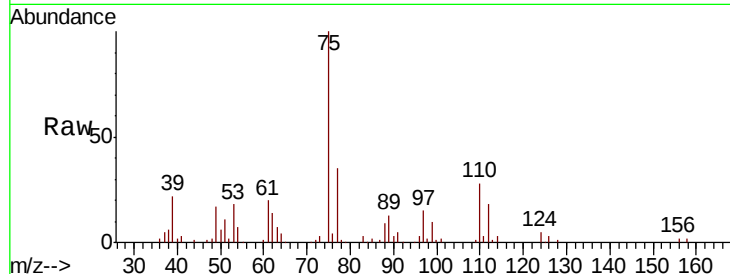




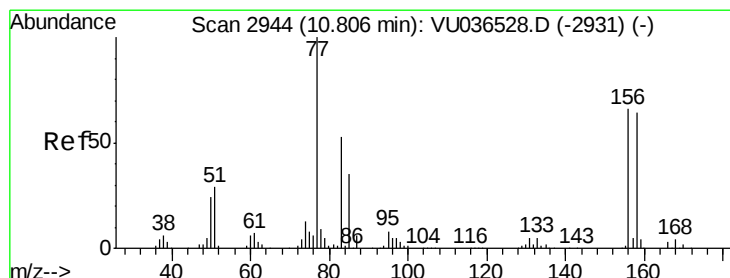
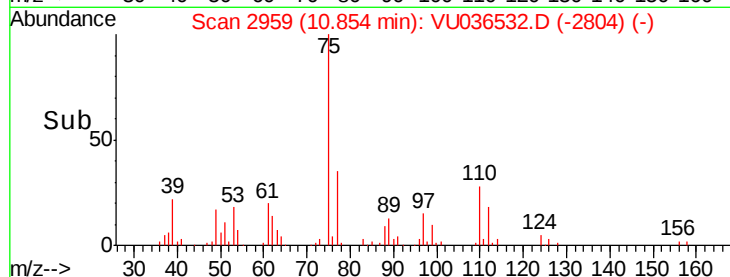
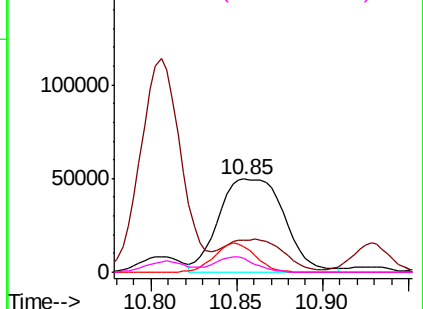
#71
1,2,3-Trichloropropane
Concen: 19.174 ug/l
RT: 10.85 min Scan# 2959
Delta R.T. -0.00 min
Lab File: VU036532.D
Acq: 23 Jan 2020 10:00

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:	75	Resp:	132155
Ion	Ratio	Lower	Upper
75	100		
77	31.2	0.0	129.6
110	19.5	0.0	77.4
97	10.1	0.0	42.0

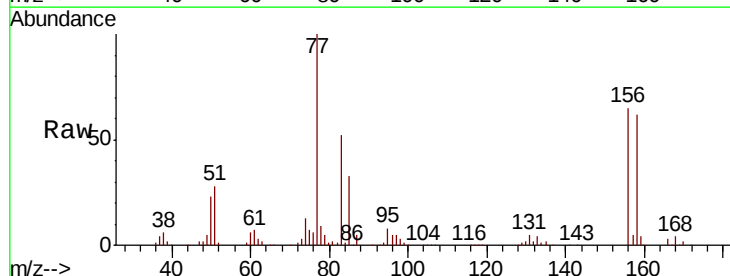


Abundance Ion 75.00 (74.70 to 75.70): VU036532.D (-2949) (-)
Ion 77.00 (76.70 to 77.70): VU036532.D (-2949) (-)
Ion 110.00 (109.70 to 110.70): VU036532.D (-2949) (-)
Ion 97.00 (96.70 to 97.70): VU036532.D (-2949) (-)

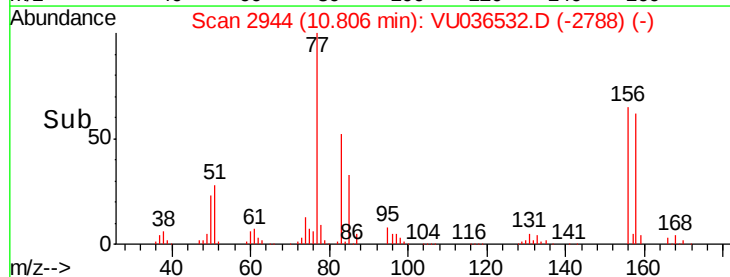
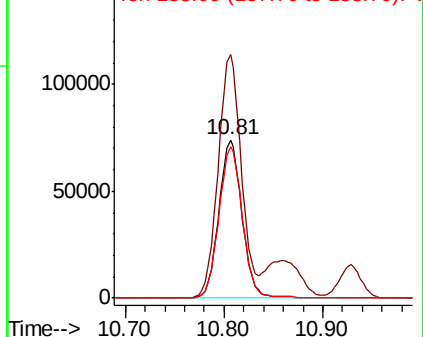


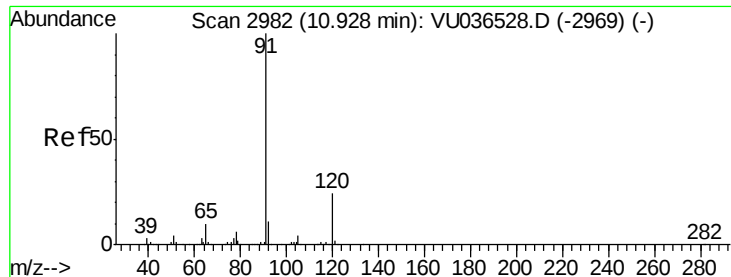
#72
Bromobenzene
Concen: 10.320 ug/l
RT: 10.81 min Scan# 2944
Delta R.T. 0.00 min
Lab File: VU036532.D
Acq: 23 Jan 2020 10:00

Tgt Ion:	156	Resp:	122686
Ion	Ratio	Lower	Upper
156	100		
77	153.4	0.0	306.6
158	96.7	0.0	192.0



Abundance Ion 156.00 (155.70 to 156.70): VU036532.D (-2931) (-)
Ion 77.00 (76.70 to 77.70): VU036532.D (-2931) (-)
Ion 158.00 (157.70 to 158.70): VU036532.D (-2931) (-)





#73

n-propylbenzene

Concen: 10.419 ug/l

RT: 10.93 min Scan# 2982

Delta R.T. 0.00 min

Lab File: VU036532.D

Acq: 23 Jan 2020 10:00

Instrument :

MSVOA_U

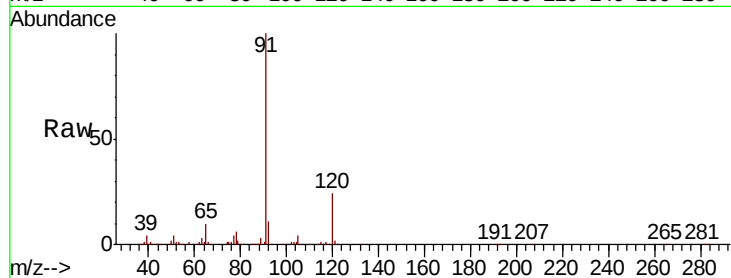
ClientSampleId :

Tot Ion:120 Resp: 144240

Ion Ratio Lower Upper

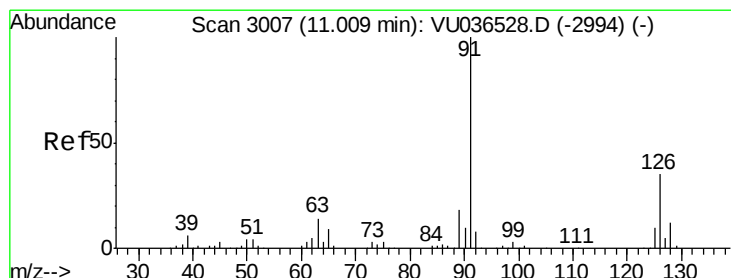
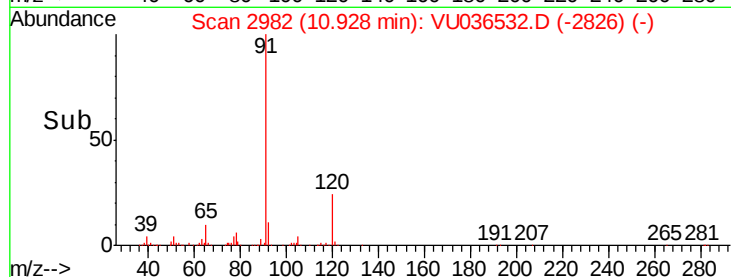
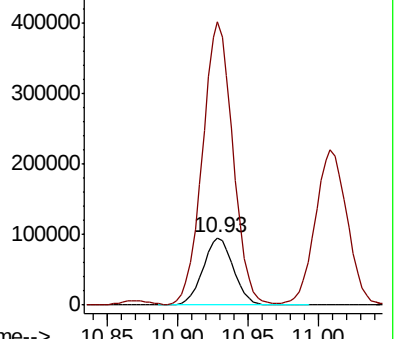
120 100

91 415.4 329.5 494.3



Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0



#74

2-Chlorotoluene

Concen: 10.031 ug/l

RT: 11.01 min Scan# 3007

Delta R.T. 0.00 min

Lab File: VU036532.D

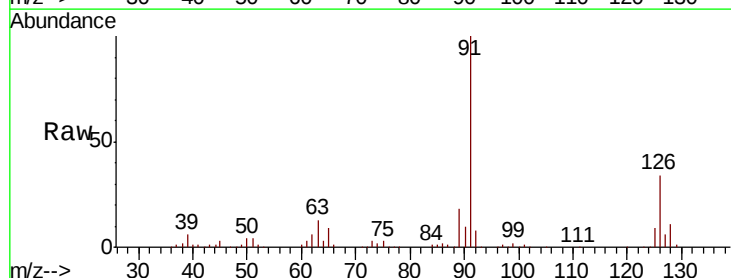
Acq: 23 Jan 2020 10:00

Tgt Ion:126 Resp: 119283

Ion Ratio Lower Upper

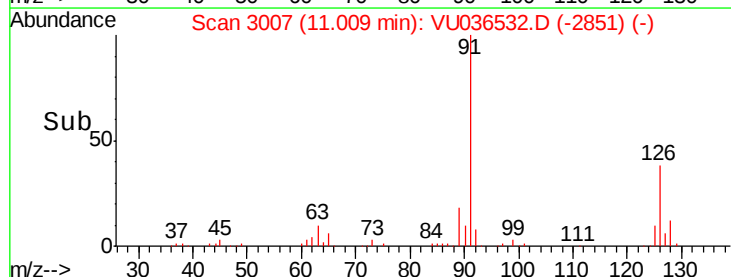
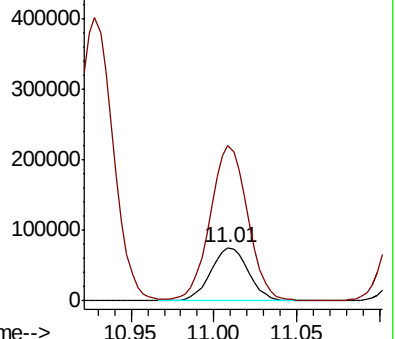
126 100

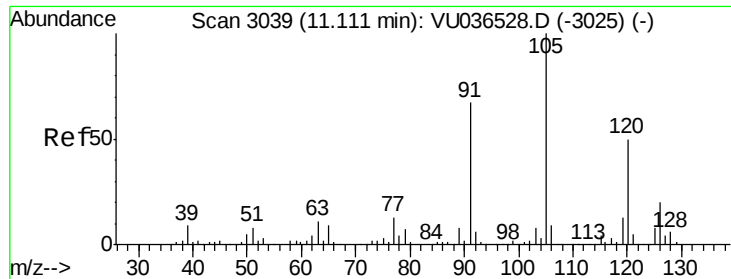
91 288.0 0.0 567.4



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: 10.126 ug/l

RT: 11.11 min Scan# 3039

Delta R.T. 0.00 min

Lab File: VU036532.D

Acq: 23 Jan 2020 10:00

Instrument :

MSVOA_U

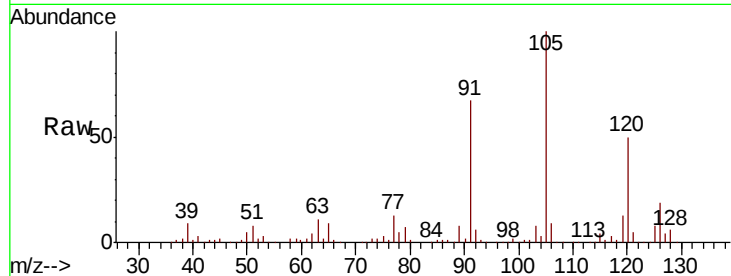
ClientSampleId :

Tot Ion:105 Resp: 428534

Ion Ratio Lower Upper

105 100

120 49.8 39.8 59.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

300000

250000

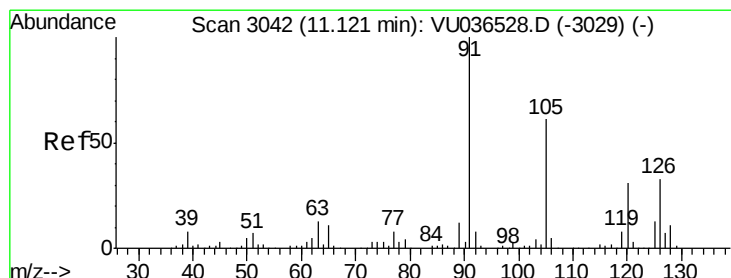
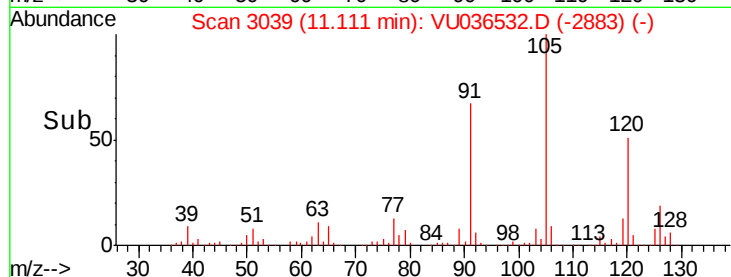
200000

150000

100000

50000

Time--> 11.00 11.10 11.20



#76

4-Chlorotoluene

Concen: 10.145 ug/l

RT: 11.12 min Scan# 3042

Delta R.T. 0.00 min

Lab File: VU036532.D

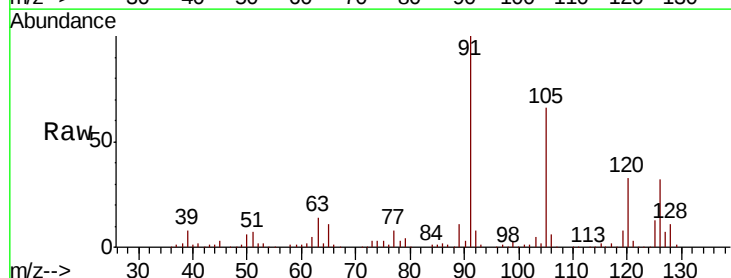
Acq: 23 Jan 2020 10:00

Tgt Ion:126 Resp: 124646

Ion Ratio Lower Upper

126 100

91 322.1 0.0 633.0



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0

250000

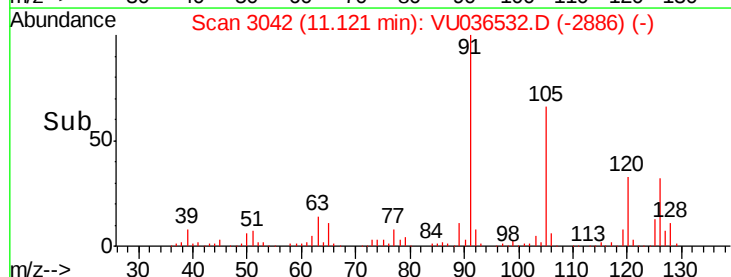
200000

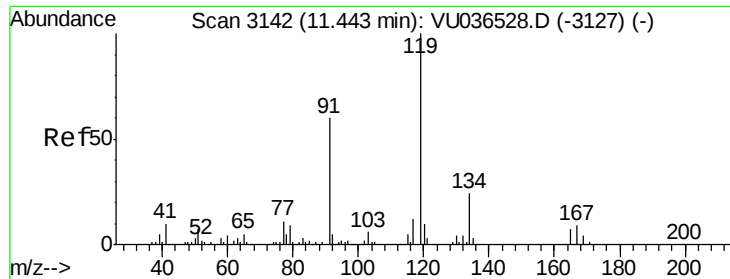
150000

100000

50000

Time--> 11.10 11.20

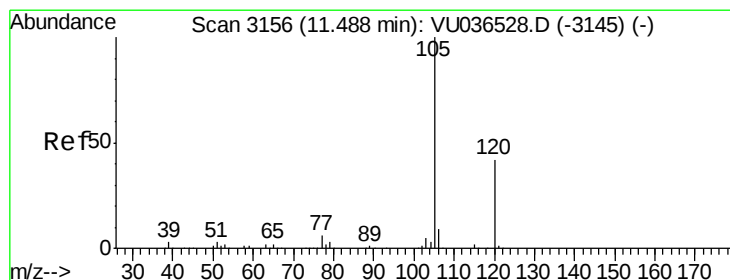
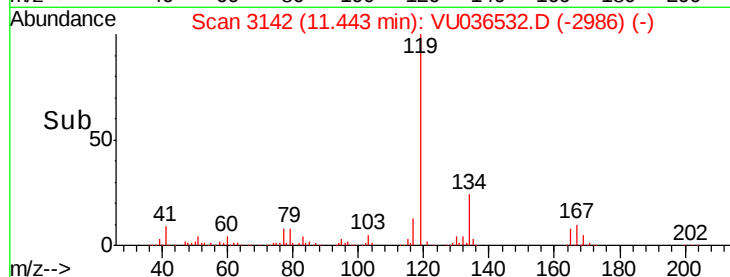
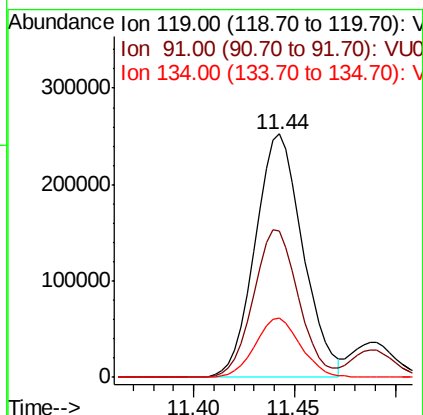
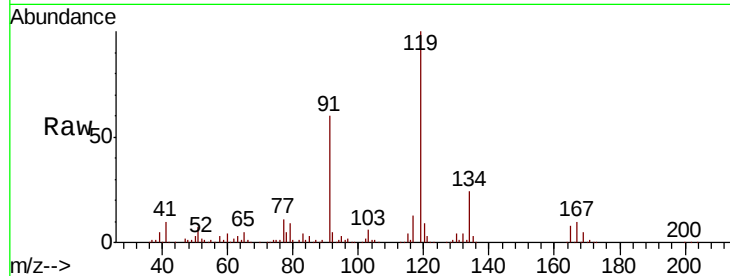




#77
 tert-Butylbenzene
 Concen: 10.382 ug/l
 RT: 11.44 min Scan# 3142
 Delta R.T. 0.00 min
 Lab File: VU036532.D
 Acq: 23 Jan 2020 10:00

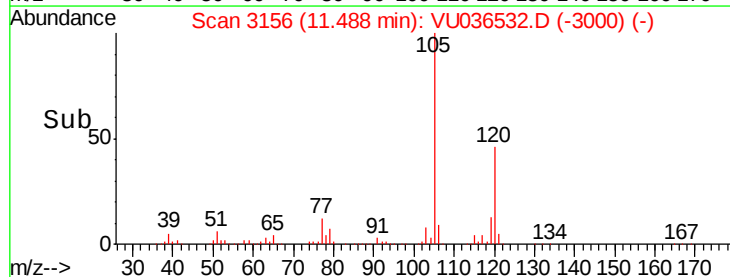
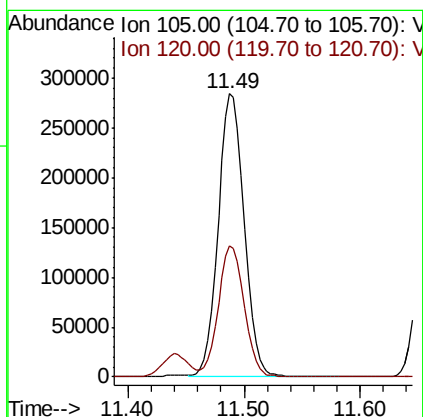
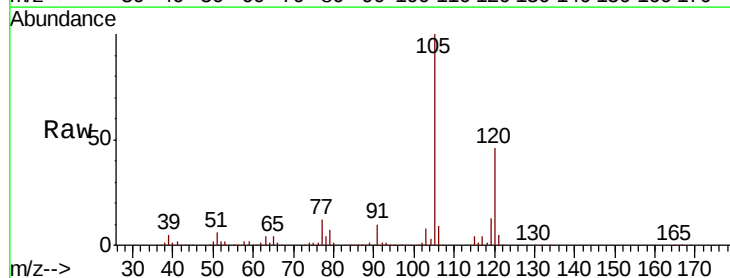
Instrument :
 MSVOA_U
 ClientSampleId :

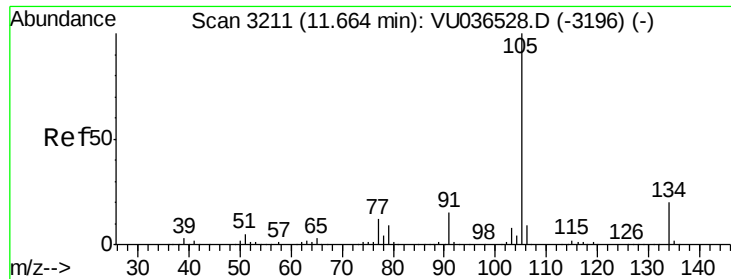
Tot Ion:119 Resp: 416342
 Ion Ratio Lower Upper
 119 100
 91 57.2 29.3 87.8
 134 23.3 19.0 28.4



#78
 1,2,4-Trimethylbenzene
 Concen: 10.117 ug/l
 RT: 11.49 min Scan# 3156
 Delta R.T. 0.00 min
 Lab File: VU036532.D
 Acq: 23 Jan 2020 10:00

Tgt Ion:105 Resp: 441457
 Ion Ratio Lower Upper
 105 100
 120 46.1 23.3 69.8





#79

sec-Butylbenzene

Concen: 10.142 ug/l

RT: 11.66 min Scan# 3211

Delta R.T. 0.00 min

Lab File: VU036532.D

Acq: 23 Jan 2020 10:00

Instrument :

MSVOA_U

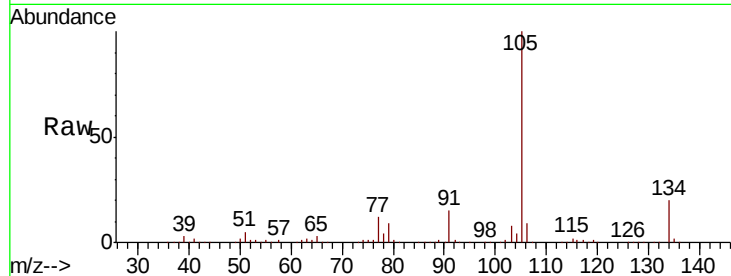
ClientSampleId :

Tot Ion:105 Resp: 564241

Ion Ratio Lower Upper

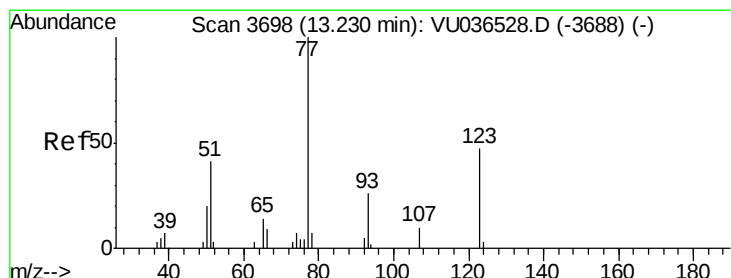
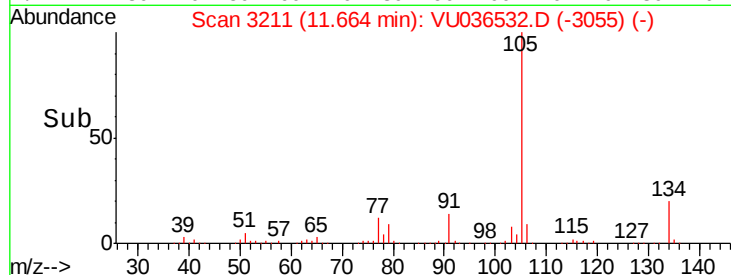
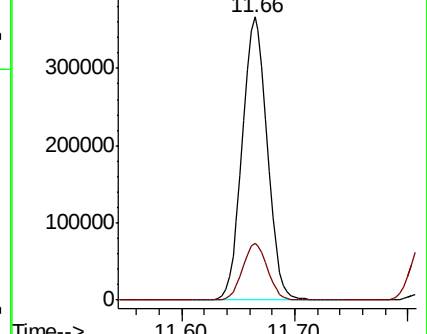
105 100

134 20.0 16.0 24.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#80

Nitrobenzene

Concen: 44.806 ug/l

RT: 13.23 min Scan# 3699

Delta R.T. 0.00 min

Lab File: VU036532.D

Acq: 23 Jan 2020 10:00

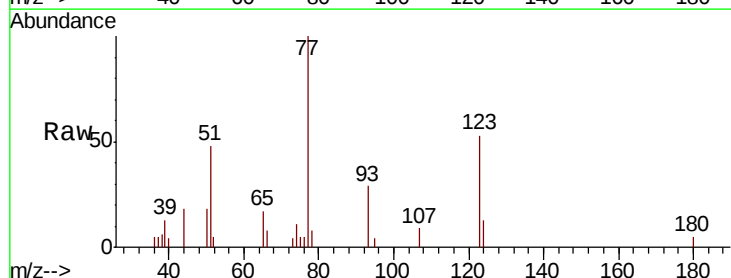
Tgt Ion: 77 Resp: 6211

Ion Ratio Lower Upper

77 100

123 48.7 19.6 69.6

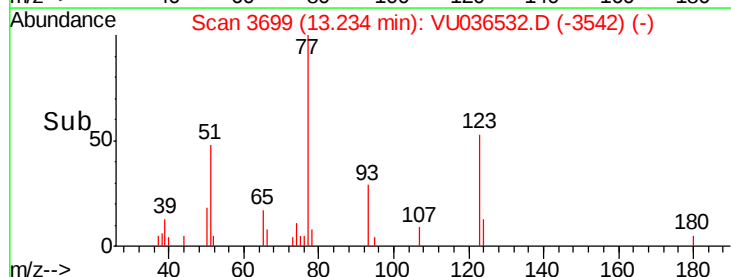
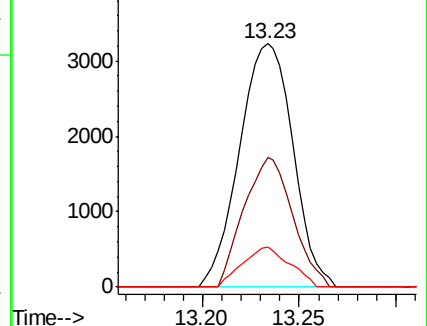
65 14.7 12.7 16.1

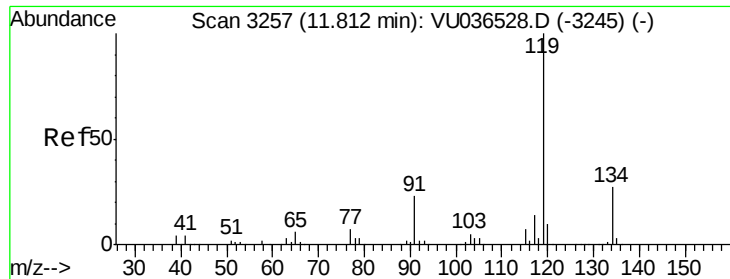


Abundance Ion 77.00 (76.70 to 77.70): VU0

Ion 123.00 (122.70 to 123.70): V

Ion 65.00 (64.70 to 65.70): VU0





#81

p-Isopropyltoluene

Concen: 10.266 ug/l

RT: 11.81 min Scan# 3257

Delta R.T. 0.00 min

Lab File: VU036532.D

Acq: 23 Jan 2020 10:00

Instrument :

MSVOA_U

ClientSampleId :

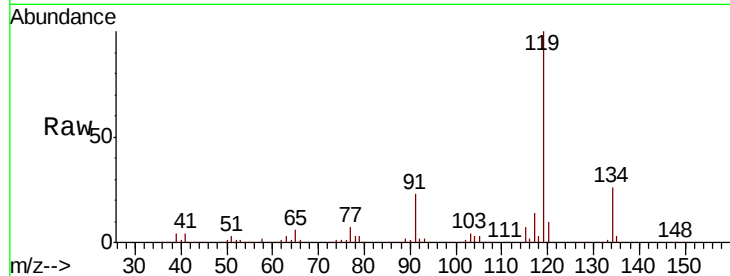
Tot Ion:119 Resp: 477388

Ion Ratio Lower Upper

119 100

134 26.4 21.4 32.0

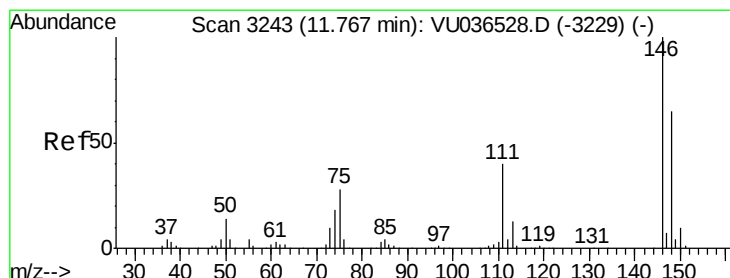
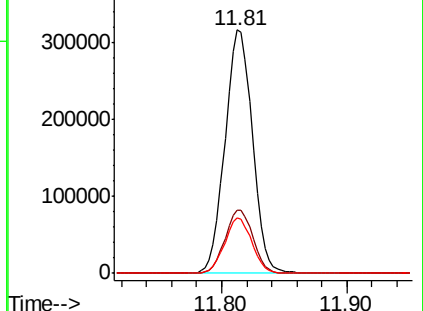
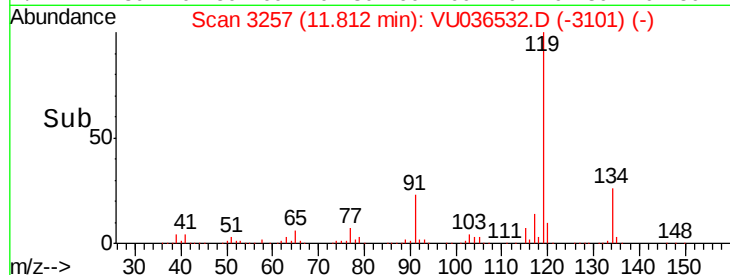
91 22.7 18.3 27.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



#82

1,3-Dichlorobenzene

Concen: 10.044 ug/l

RT: 11.77 min Scan# 3243

Delta R.T. 0.00 min

Lab File: VU036532.D

Acq: 23 Jan 2020 10:00

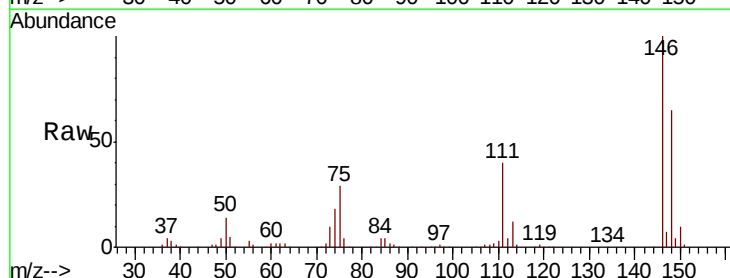
Tgt Ion:146 Resp: 238878

Ion Ratio Lower Upper

146 100

111 39.9 32.2 48.2

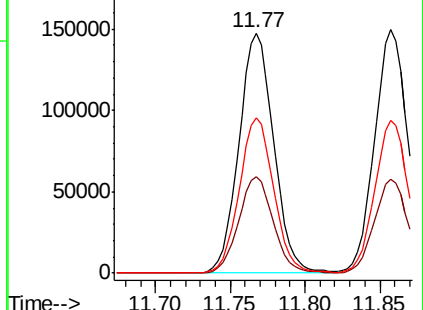
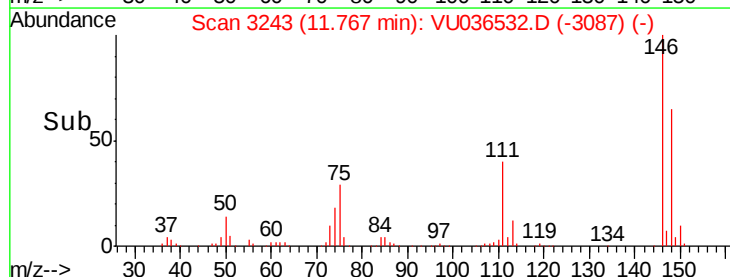
148 63.9 51.4 77.2

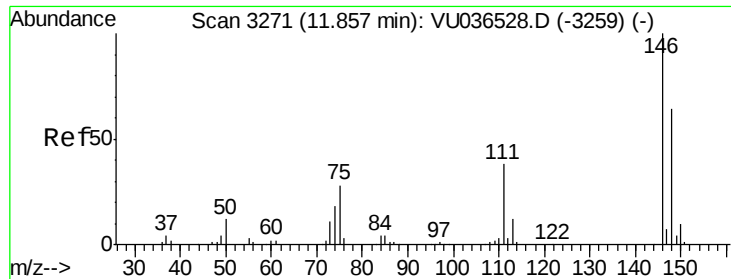


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

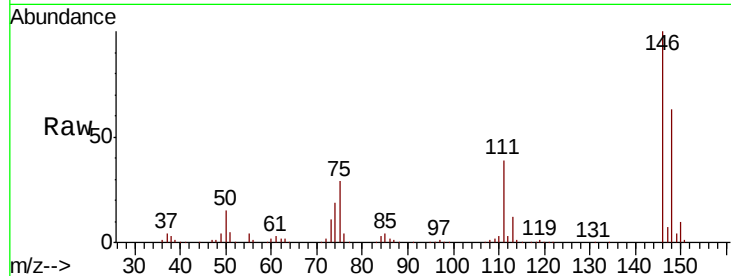




#83
 1,4-Dichlorobenzene
 Concen: 9.980 ug/l
 RT: 11.86 min Scan# 3271
 Delta R.T. 0.00 min
 Lab File: VU036532.D
 Acq: 23 Jan 2020 10:00

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.5	30.5	45.7
148	63.0	51.0	76.4

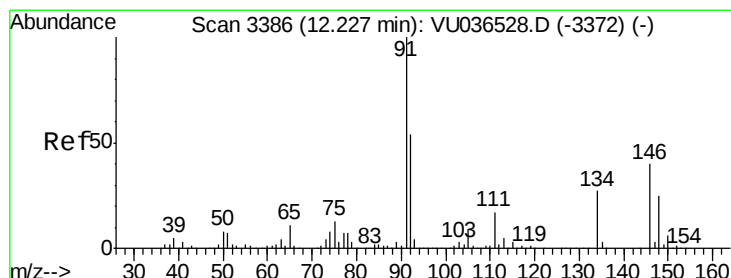
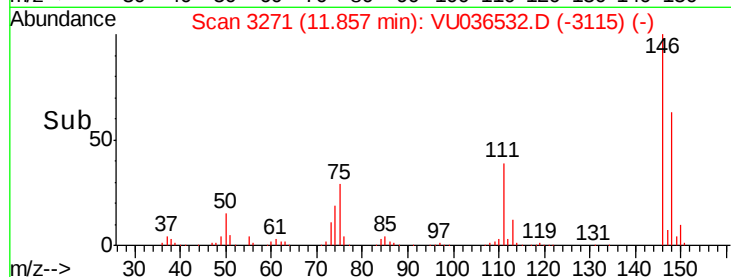
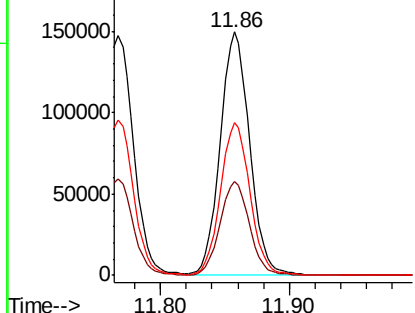


Abundance

Ion 146.00 (145.70 to 146.70): V

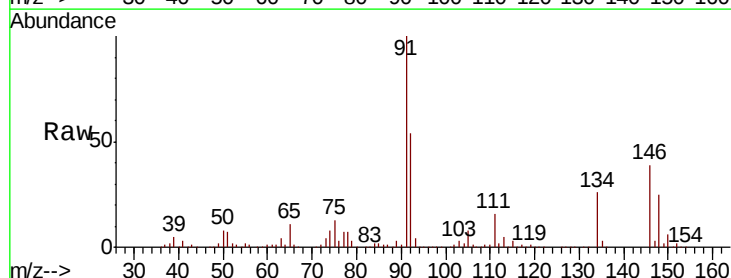
Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#84
 n-Butylbenzene
 Concen: 10.535 ug/l
 RT: 12.23 min Scan# 3386
 Delta R.T. 0.00 min
 Lab File: VU036532.D
 Acq: 23 Jan 2020 10:00

Tgt Ion	Ratio	Lower	Upper
91	100		
92	53.8	42.9	64.3
134	26.5	21.4	32.0

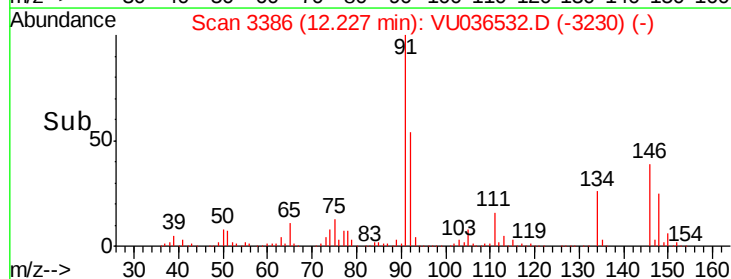
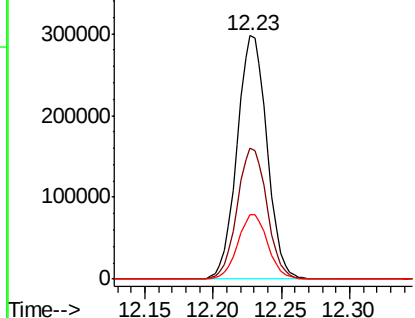


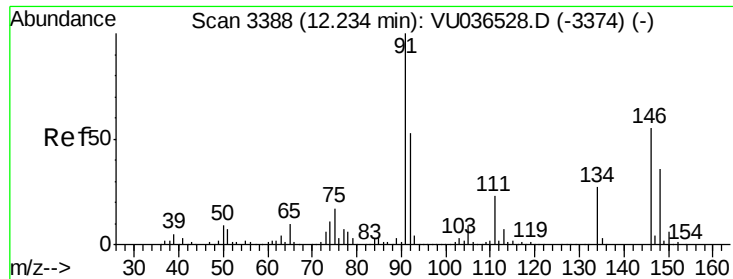
Abundance

Ion 91.00 (90.70 to 91.70): VU0

Ion 92.00 (91.70 to 92.70): VU0

Ion 134.00 (133.70 to 134.70): V

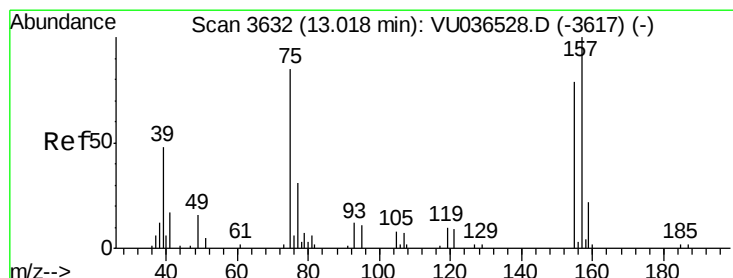
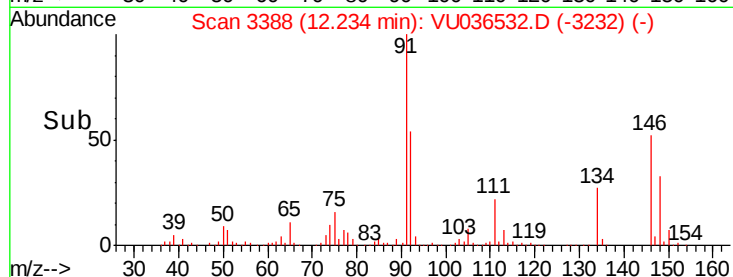
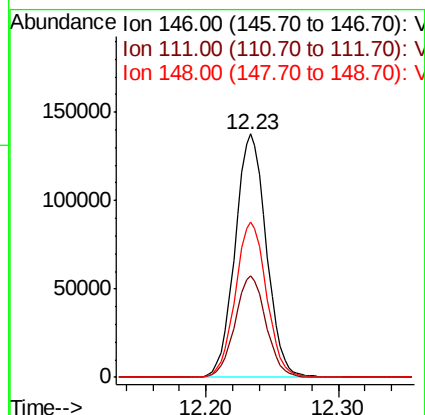
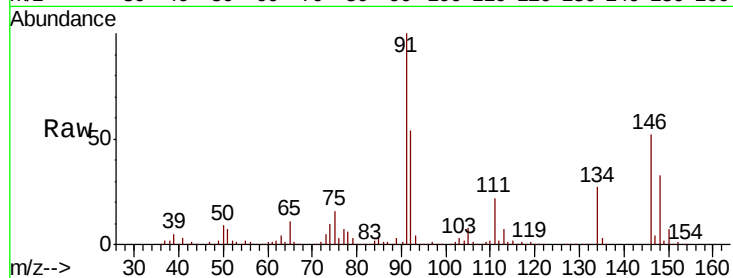




#85
 1,2-Dichlorobenzene
 Concen: 9.885 ug/l
 RT: 12.23 min Scan# 3388
 Delta R.T. 0.00 min
 Lab File: VU036532.D
 Acq: 23 Jan 2020 10:00

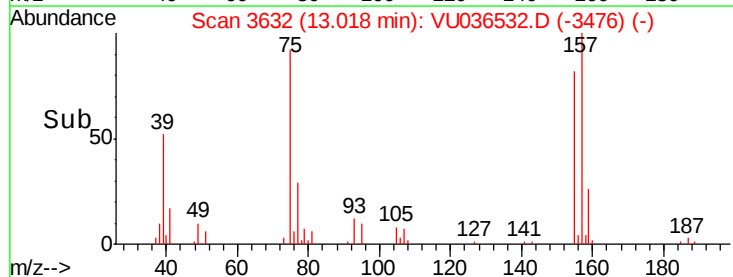
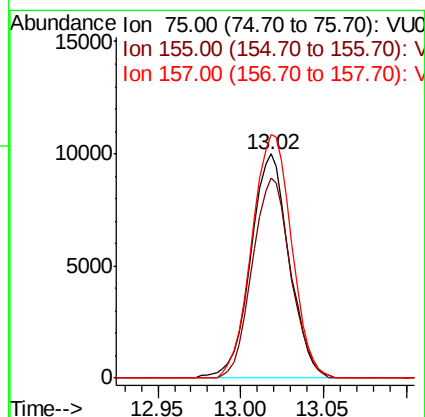
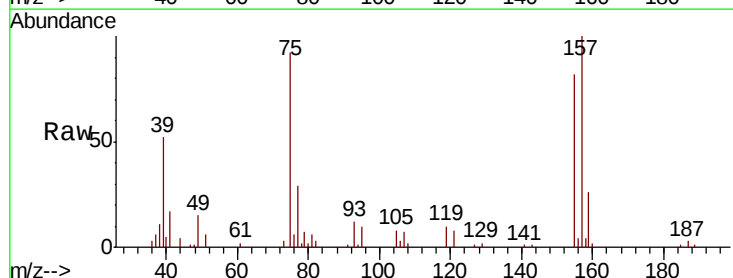
Instrument :
 MSVOA_U
 ClientSampleId :

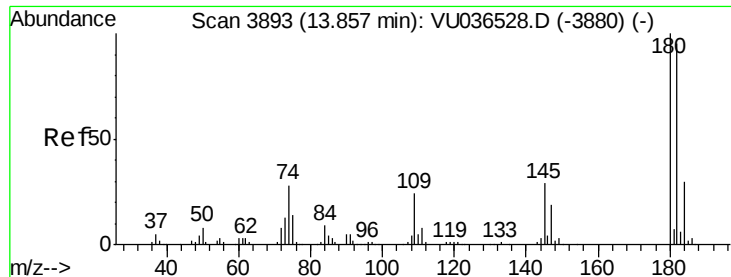
Tot Ion:146 Resp: 224967
 Ion Ratio Lower Upper
 146 100
 111 41.4 20.8 62.4
 148 63.8 32.0 96.2



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 9.876 ug/l
 RT: 13.02 min Scan# 3632
 Delta R.T. 0.00 min
 Lab File: VU036532.D
 Acq: 23 Jan 2020 10:00

Tgt Ion: 75 Resp: 16148
 Ion Ratio Lower Upper
 75 100
 155 88.6 71.8 107.8
 157 112.0 92.4 138.6

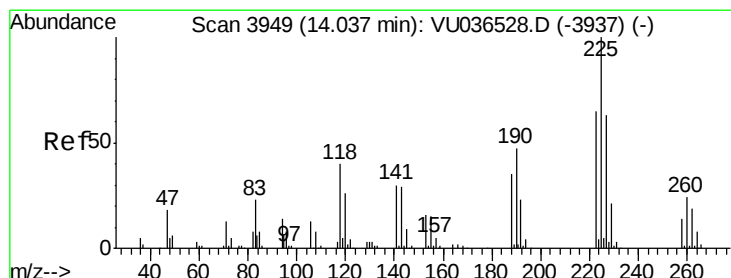
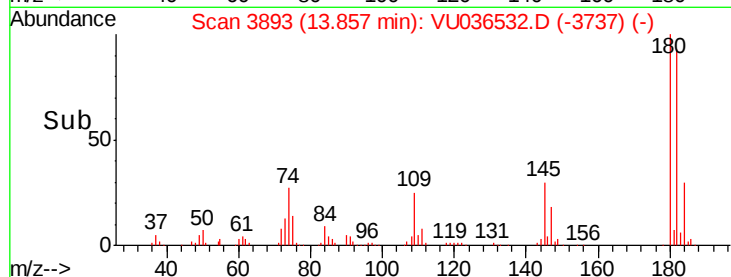
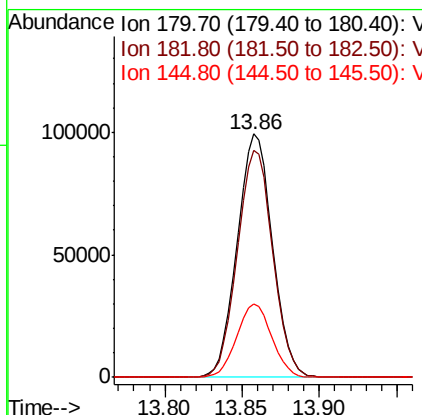
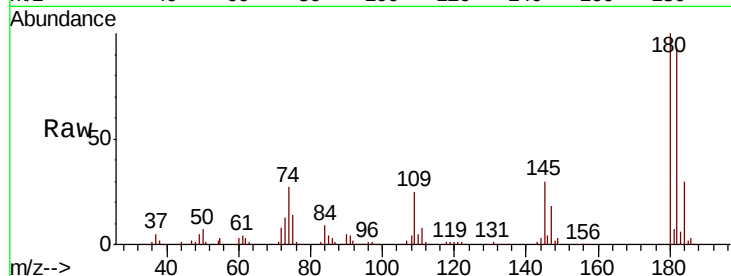




#87
 1,2,4-Trichlorobenzene
 Concen: 10.799 ug/l
 RT: 13.86 min Scan# 3893
 Delta R.T. 0.00 min
 Lab File: VU036532.D
 Acq: 23 Jan 2020 10:00

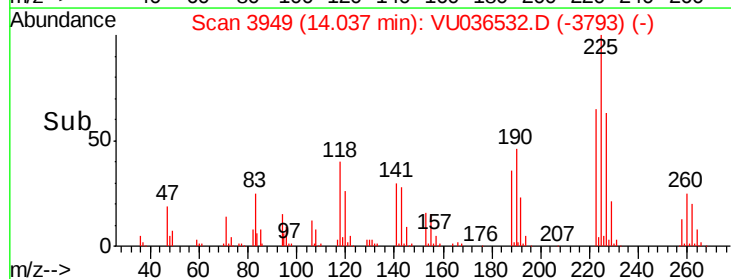
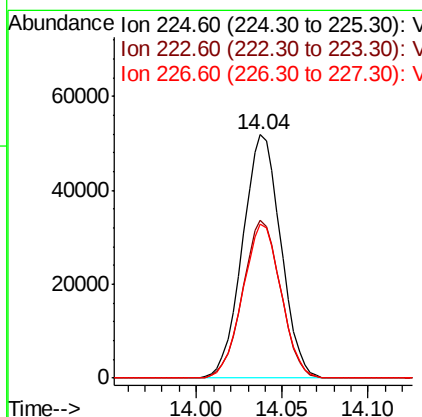
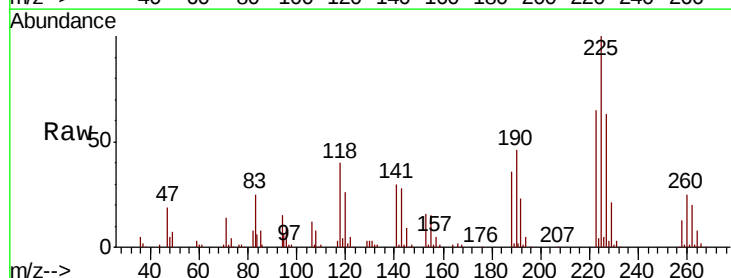
Instrument :
 MSVOA_U
 ClientSampleId :

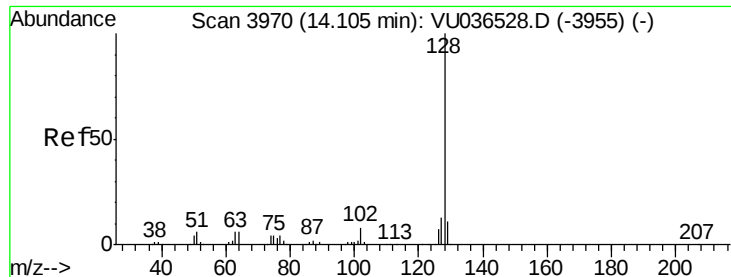
Tot Ion:180 Resp: 157209
 Ion Ratio Lower Upper
 180 100
 182 93.7 75.9 113.9
 145 30.0 23.4 35.2



#88
 Hexachlorobutadiene
 Concen: 10.049 ug/l
 RT: 14.04 min Scan# 3949
 Delta R.T. 0.00 min
 Lab File: VU036532.D
 Acq: 23 Jan 2020 10:00

Tgt Ion:225 Resp: 80180
 Ion Ratio Lower Upper
 225 100
 223 64.2 51.7 77.5
 227 63.5 50.6 75.8





#89

Naphthalene

Concen: 10.926 ug/l

RT: 14.10 min Scan# 3970

Delta R.T. 0.00 min

Lab File: VU036532.D

Acq: 23 Jan 2020 10:00

Instrument :

MSVOA_U

ClientSampleId :

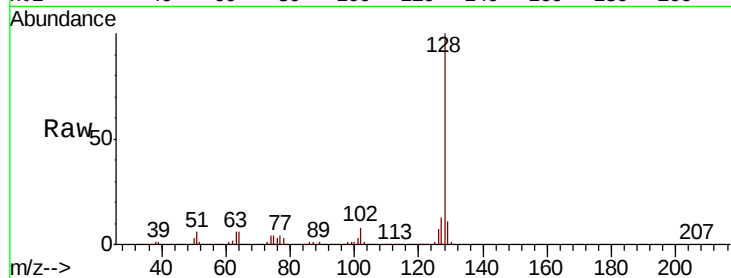
Tot Ion:128 Resp: 274046

Ion Ratio Lower Upper

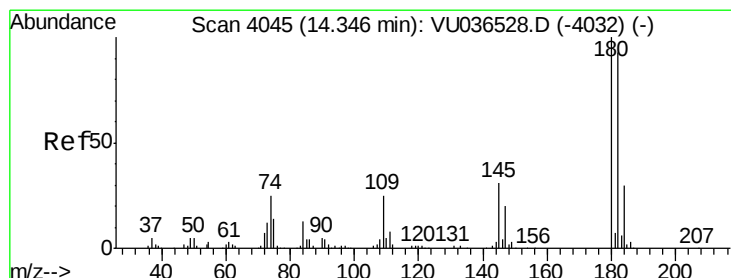
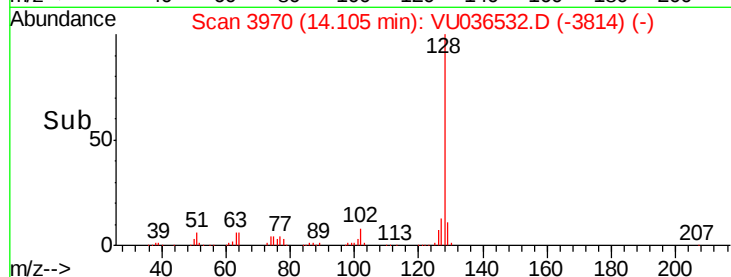
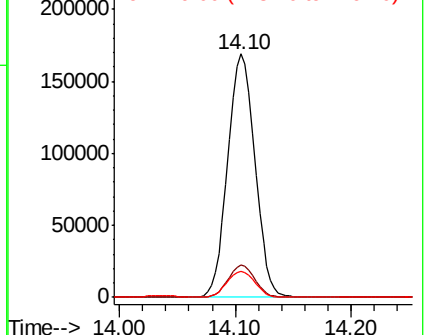
128 100

127 13.0 10.5 15.7

129 10.8 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: 10.393 ug/l

RT: 14.35 min Scan# 4046

Delta R.T. 0.00 min

Lab File: VU036532.D

Acq: 23 Jan 2020 10:00

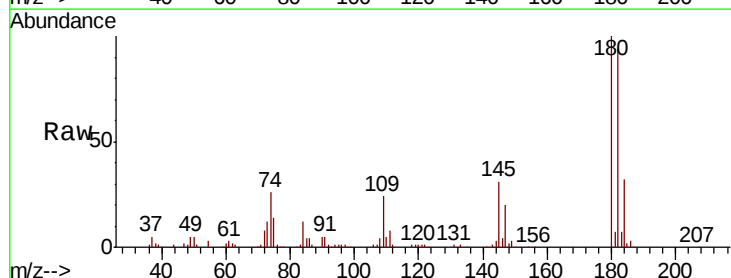
Tgt Ion:180 Resp: 142299

Ion Ratio Lower Upper

180 100

182 94.9 76.2 114.4

145 31.3 25.2 37.8



Abundance Ion 179.70 (179.40 to 180.40): V
Ion 181.70 (181.40 to 182.40): V
Ion 144.80 (144.50 to 145.50): V

