

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U012320\
 Data File : VU036544.D
 Acq On : 23 Jan 2020 17:29
 Operator : JC/MD
 Sample : VU0123WBSD01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 24 00:53:50 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	34501	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.66	95	13231	1.02	ug/l	0.00
Spiked Amount 1.000			Recovery	=	102.00%	
68) 1,2-Dichlorobenzene-d4	12.21	152	13681	1.03	ug/l	0.00
Spiked Amount 1.000			Recovery	=	103.00%	

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	24218	2.124 ug/l	96
3) Chloromethane	1.54	50	27632	2.260 ug/l	96
4) Vinyl Chloride	1.62	62	29299	2.116 ug/l	98
5) Bromomethane	1.87	94	17667	2.053 ug/l	98
6) Chloroethane	1.95	64	15707	1.915 ug/l	97
7) Trichlorofluoromethane	2.16	101	29352	2.145 ug/l	96
8) 1,1,2-Trichloro-1,2,2-trif	2.61	101	18469	2.167 ug/l	98
9) 1,1-Dichloroethene	2.61	96	19131	2.109 ug/l	98
10) Iodomethane	2.75	142	17271	1.940 ug/l	98
11) Allyl Chloride	2.95	41	25936	2.068 ug/l	99
12) Acrylonitrile	3.37	53	9405	4.226 ug/l #	91
13) Acetone	2.68	43	17043	10.208 ug/l	97
14) Carbon Disulfide	2.82	76	64652	2.058 ug/l	98
15) Methylene Chloride	3.08	84	27517	2.303 ug/l	97
16) trans-1,2-Dichloroethene	3.39	96	21159	2.114 ug/l	99
17) 1,1-Dichloroethane	3.91	63	34556	2.119 ug/l	99
18) 2-Butanone	4.78	43	24830	10.393 ug/l	97
19) Cyclohexane	5.42	56	29360	1.970 ug/l	94
20) Methylcyclohexane	6.80	83	35369	2.125 ug/l	100
21) 2,2-Dichloropropane	4.71	77	30274	2.174 ug/l	97
22) cis-1,2-Dichloroethene	4.71	96	21738	2.094 ug/l	99
23) Diethyl Ether	2.41	59	15325	2.187 ug/l	95
24) tert-Butyl Alcohol	3.29	59	13558	21.646 ug/l	95
25) Methyl tert-Butyl Ether	3.42	73	51058	2.148 ug/l	99
26) Bromochloromethane	5.02	128	9227	2.052 ug/l	95
27) Chloroform	5.13	83	34659	2.149 ug/l	100
28) 1,1,1-Trichloroethane	5.36	97	28731	2.124 ug/l	99
29) 1,1-Dichloropropene	5.57	75	28306	2.144 ug/l	98
30) Carbon Tetrachloride	5.57	117	24366	2.104 ug/l	98
31) Isopropyl Ether	4.06	45	52784	2.132 ug/l	98
32) Ethyl-t-butyl ether	4.57	59	55622	2.147 ug/l	98
33) Tert-Amyl methyl ether	5.99	73	50905	2.146 ug/l	99
34) Propionitrile	4.85	54	7302	10.603 ug/l #	96
35) Benzene	5.82	78	80789	2.113 ug/l	99
36) 1,2-Dichloroethane	5.84	62	22415	2.178 ug/l	100
37) Trichloroethene	6.58	130	22132	2.097 ug/l	100
38) 1,2-Dichloropropane	6.83	63	20506	2.133 ug/l	100
39) Methacrylonitrile	5.04	41	6288	2.173 ug/l	96
40) Methyl acrylate	4.91	55	9830	2.143 ug/l	98
41) Tetrahydrofuran	5.13	42	6698	4.248 ug/l	98
42) 1-Chlorobutane	5.50	56	36044	2.107 ug/l	98

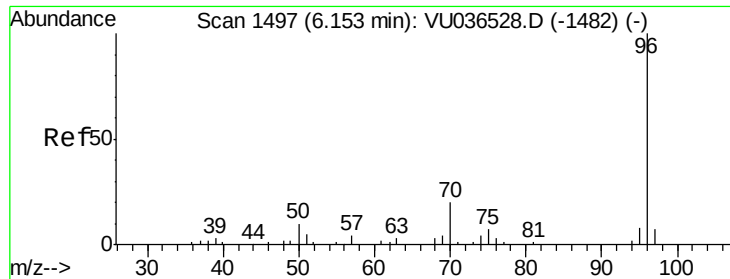
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU012320\
 Data File : VU036544.D
 Acq On : 23 Jan 2020 17:29
 Operator : JC/MD
 Sample : VU0123WBSD01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 24 00:53:50 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	6.96	93	10830	2.159	ug/l	96
44) Bromodichloromethane	7.14	83	25000	2.107	ug/l	98
45) 4-Methyl-2-Pentanone	7.84	43	59655	10.554	ug/l	100
46) t-1,4-Dichloro-2-butene	10.85	75	22648	9.099	ug/l #	63
47) Methyl methacrylate	7.01	69	20003	4.069	ug/l	99
48) Ethyl methacrylate	8.37	69	19980	2.104	ug/l	98
49) Toluene	8.00	92	51047	2.092	ug/l	99
50) t-1,3-Dichloropropene	8.24	75	24593	2.080	ug/l	98
51) cis-1,3-Dichloropropene	7.64	75	29794	2.079	ug/l	99
52) 1,1,2-Trichloroethane	8.43	97	15960	2.242	ug/l	96
53) 1,3-Dichloropropane	8.61	76	26014	2.132	ug/l	100
54) 2-Hexanone	8.73	43	40802	10.293	ug/l	97
55) Dibromochloromethane	8.84	129	17291	2.110	ug/l	96
56) 1,2-Dibromoethane	8.96	107	14599	2.130	ug/l	100
58) Tetrachloroethene	8.58	164	23787	2.255	ug/l	98
59) Chlorobenzene	9.48	112	57468	2.114	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.56	131	17856	2.057	ug/l	96
61) Pentachloroethane	11.45	117	10161	1.814	ug/l	97
62) Hexachloroethane	12.49	117	14414	2.019	ug/l	99
63) Ethyl Benzene	9.60	91	97340	2.137	ug/l	99
64) m/p-Xylenes	9.72	106	76342	4.234	ug/l	100
65) o-Xylene	10.12	106	37116	2.126	ug/l	99
66) Styrene	10.14	104	61066	2.088	ug/l	100
67) Bromoform	10.32	173	9381	1.999	ug/l	99
69) Isopropylbenzene	10.51	105	97097	2.117	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.81	83	19143	2.132	ug/l	98
71) 1,2,3-Trichloropropane	10.85	75	22648	3.534	ug/l	69
72) Bromobenzene	10.81	156	23628	2.138	ug/l	99
73) n-propylbenzene	10.93	120	27663	2.149	ug/l	96
74) 2-Chlorotoluene	11.01	126	23810	2.154	ug/l	100
75) 1,3,5-Trimethylbenzene	11.11	105	84683	2.152	ug/l	100
76) 4-Chlorotoluene	11.12	126	24233	2.122	ug/l	94
77) tert-Butylbenzene	11.44	119	78371	2.102	ug/l	98
78) 1,2,4-Trimethylbenzene	11.49	105	86502	2.132	ug/l	99
79) sec-Butylbenzene	11.66	105	110653	2.139	ug/l	100
80) Nitrobenzene	13.24	77	962	7.465	ug/l #	86
81) p-Isopropyltoluene	11.81	119	92978	2.151	ug/l	99
82) 1,3-Dichlorobenzene	11.77	146	47261	2.137	ug/l	98
83) 1,4-Dichlorobenzene	11.86	146	46449	2.102	ug/l	99
84) n-Butylbenzene	12.23	91	84519	2.114	ug/l	100
85) 1,2-Dichlorobenzene	12.23	146	44089	2.084	ug/l	98
86) 1,2-Dibromo-3-Chloropropan	13.02	75	3032	1.995	ug/l	98
87) 1,2,4-Trichlorobenzene	13.86	180	26887	1.987	ug/l	99
88) Hexachlorobutadiene	14.04	225	15559	2.098	ug/l	99
89) Naphthalene	14.11	128	44385	1.903	ug/l	100
90) 1,2,3-Trichlorobenzene	14.35	180	26040	2.046	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

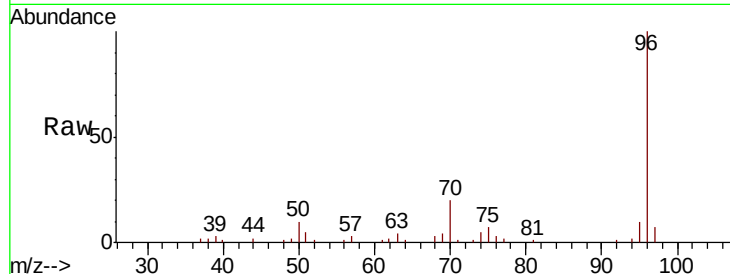
Delta R.T. 0.00 min

Lab File: VU036544.D

Acq: 23 Jan 2020 17:29

Instrument :
MSVOA_U
ClientSampled :

Tot Ion:	96	Resp:	34501
Ion	Ratio	Lower	Upper
96	100		
70	20.1	15.6	23.4
95	10.0	7.0	10.6
97	6.6	0.0	0.0#

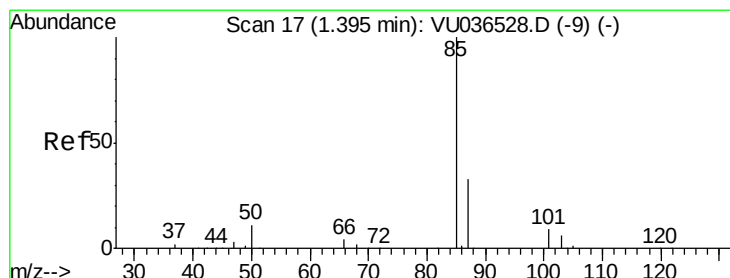
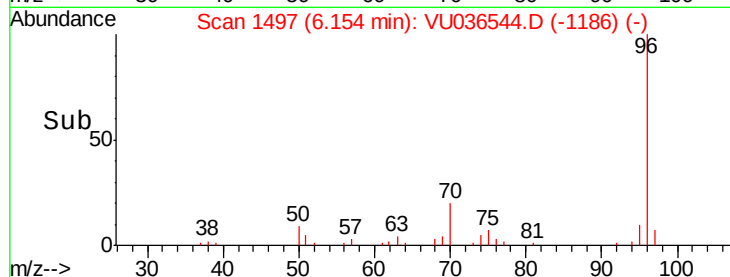
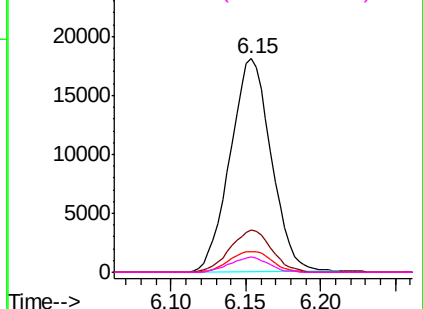


Abundance Ion 96.00 (95.70 to 96.70): VU036528.D (-1482) (-)

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

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

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



#2

Dichlorodifluoromethane

Concen: 2.124 ug/l

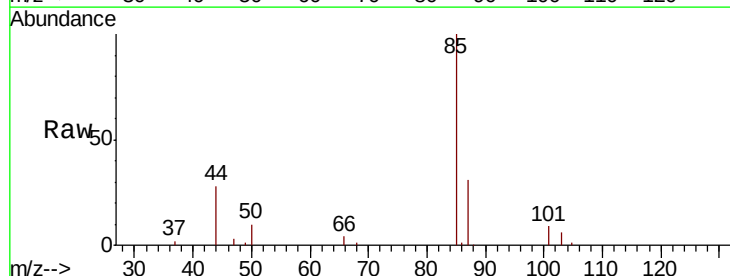
RT: 1.39 min Scan# 17

Delta R.T. 0.00 min

Lab File: VU036544.D

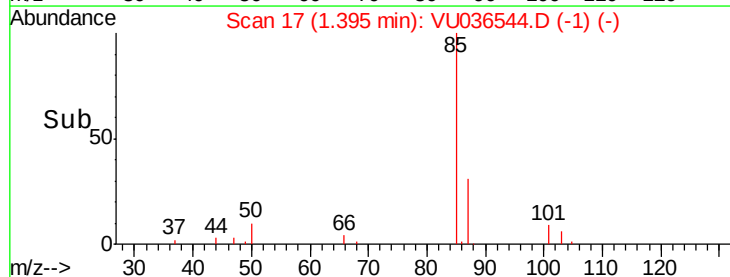
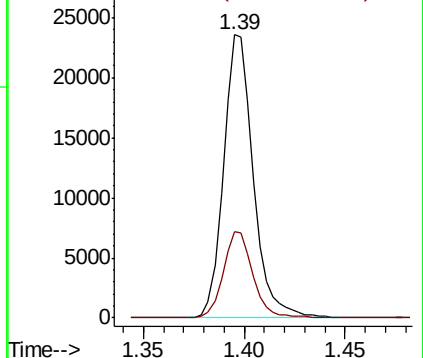
Acq: 23 Jan 2020 17:29

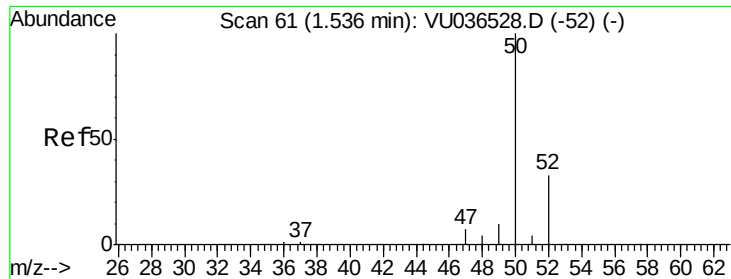
Tgt Ion:	85	Resp:	24218
Ion	Ratio	Lower	Upper
85	100		
87	30.6	16.4	49.2



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

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





#3

Chloromethane

Concen: 2.260 ug/l

RT: 1.54 min Scan# 62

Delta R.T. 0.00 min

Lab File: VU036544.D

Acq: 23 Jan 2020 17:29

Instrument :

MSVOA_U

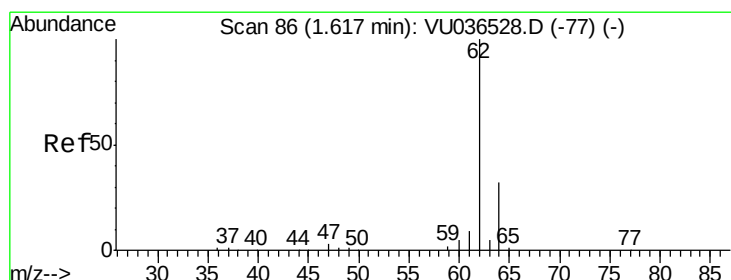
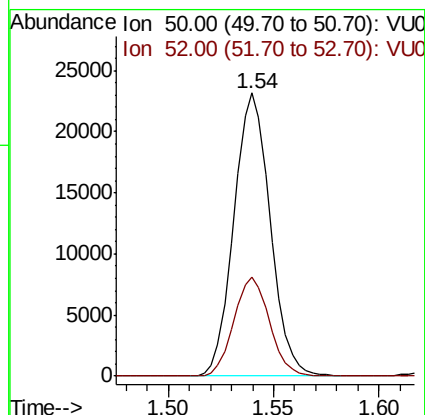
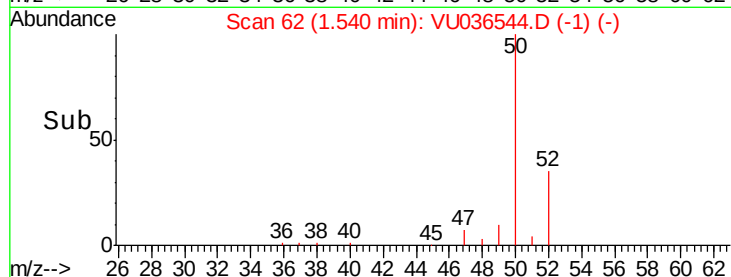
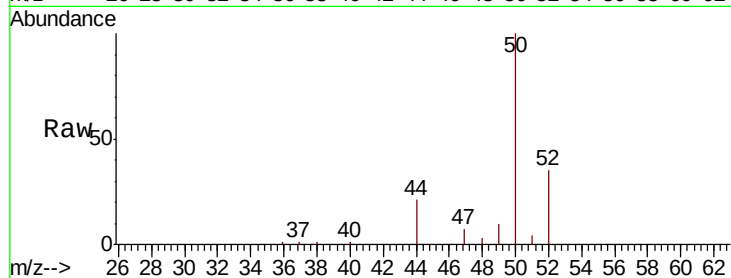
ClientSampled :

Tot Ion: 50 Resp: 27632

Ion Ratio Lower Upper

50 100

52 34.8 26.0 39.0



#4

Vinyl Chloride

Concen: 2.116 ug/l

RT: 1.62 min Scan# 86

Delta R.T. 0.00 min

Lab File: VU036544.D

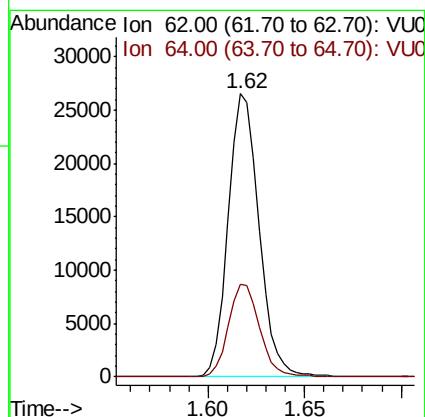
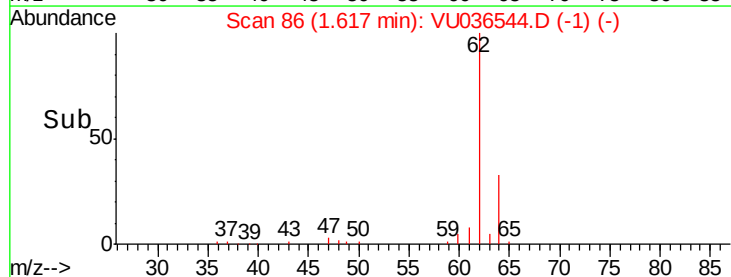
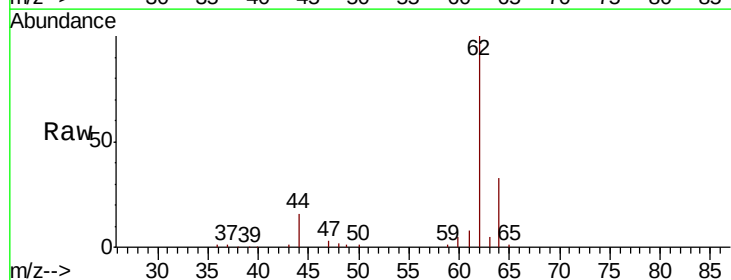
Acq: 23 Jan 2020 17:29

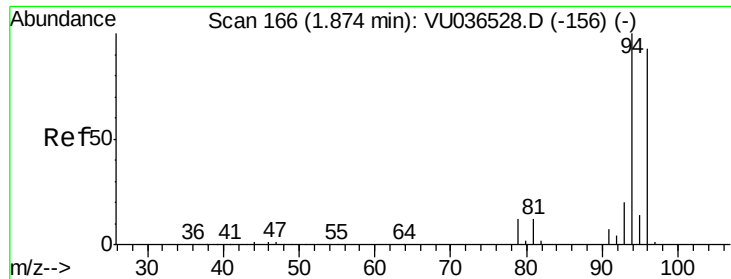
Tgt Ion: 62 Resp: 29299

Ion Ratio Lower Upper

62 100

64 32.6 25.4 38.2

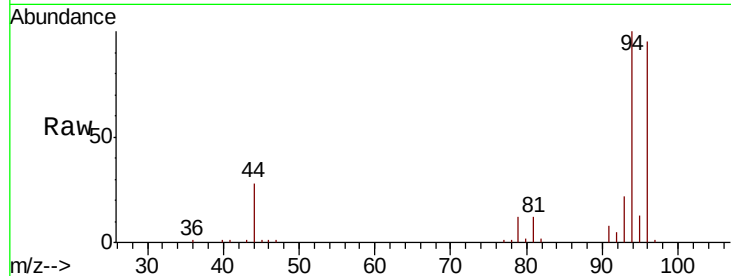




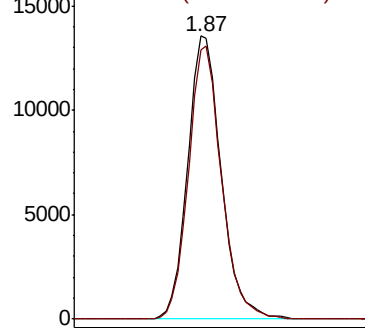
#5
Bromomethane
Concen: 2.053 ug/l
RT: 1.87 min Scan# 166
Delta R.T. 0.00 min
Lab File: VU036544.D
Acq: 23 Jan 2020 17:29

Instrument :
MSVOA_U
ClientSampleId :

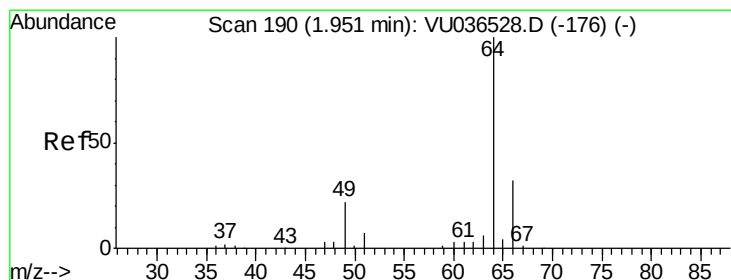
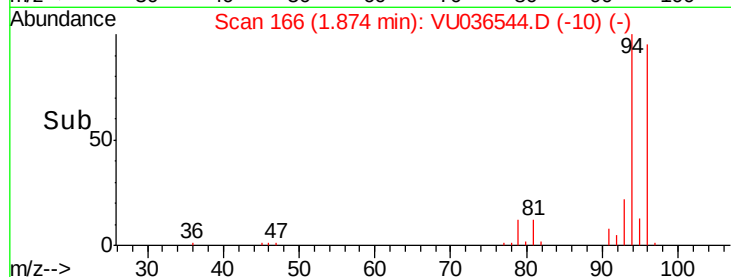
Tot Ion: 94 Resp: 17667
Ion Ratio Lower Upper
94 100
96 94.9 74.6 112.0



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

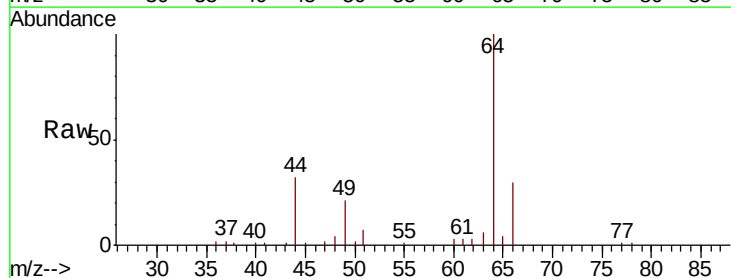


Time-->

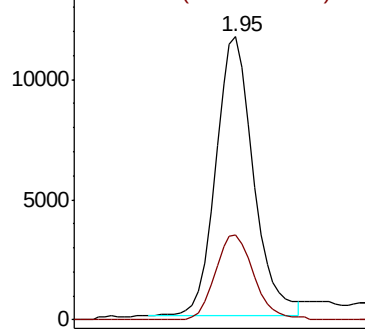


#6
Chloroethane
Concen: 1.915 ug/l
RT: 1.95 min Scan# 191
Delta R.T. 0.00 min
Lab File: VU036544.D
Acq: 23 Jan 2020 17:29

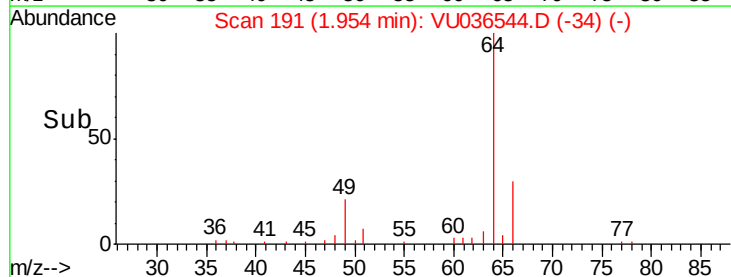
Tgt Ion: 64 Resp: 15707
Ion Ratio Lower Upper
64 100
66 30.3 25.5 38.3

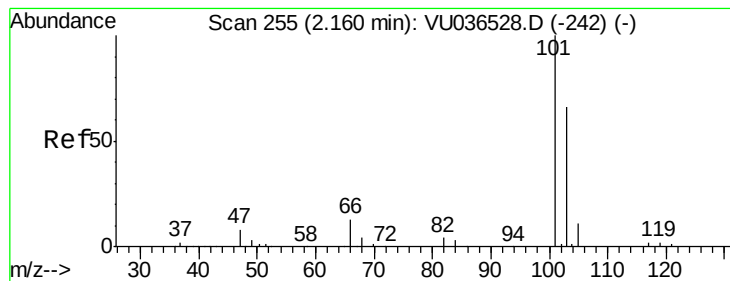


Abundance Ion 64.00 (63.70 to 64.70): VU0
Ion 66.00 (65.70 to 66.70): VU0



Time-->



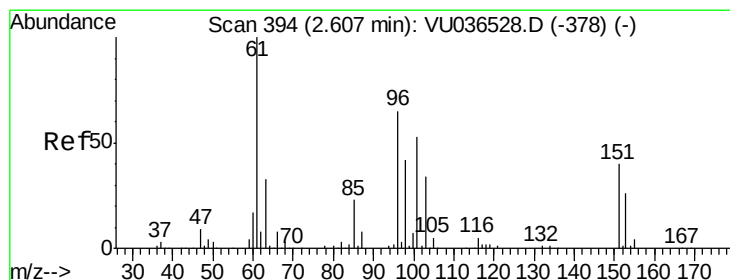
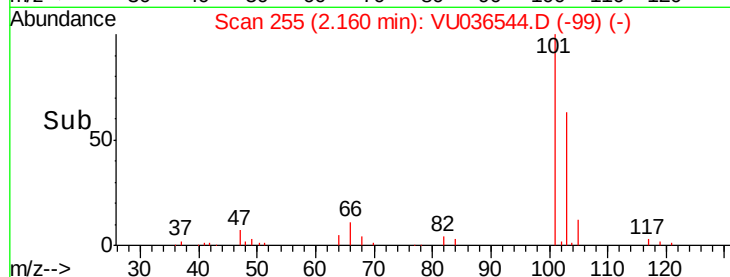
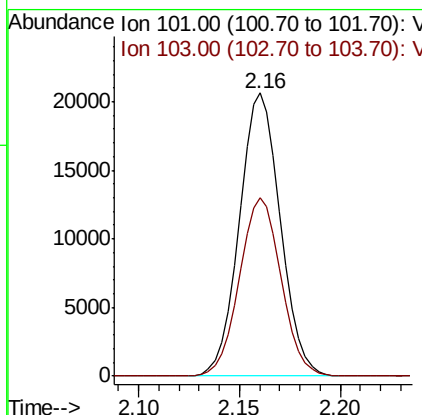
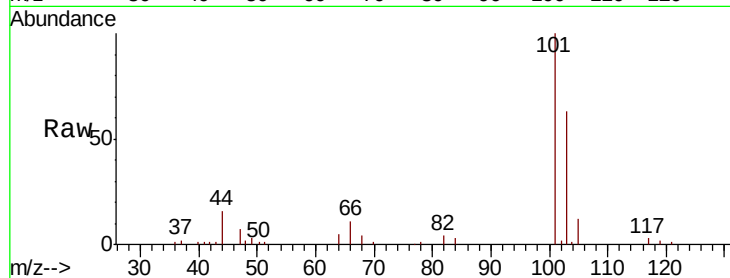


#7

Trichlorofluoromethane
Concen: 2.145 ug/l
RT: 2.16 min Scan# 255
Delta R.T. 0.00 min
Lab File: VU036544.D
Acq: 23 Jan 2020 17:29

Instrument :
MSVOA_U
ClientSampleId :

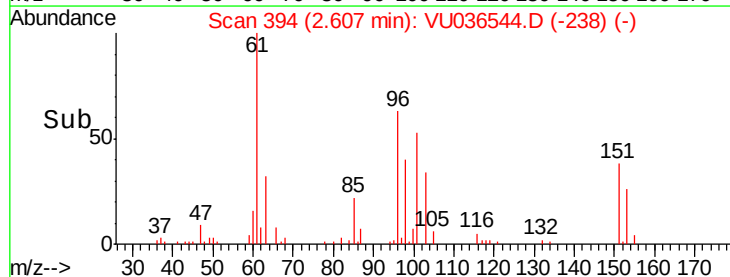
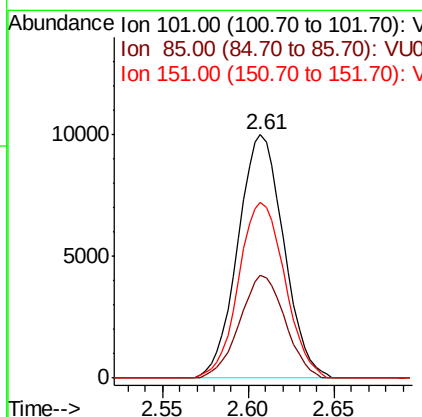
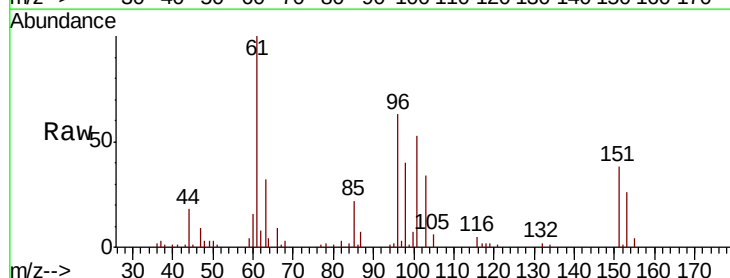
Tot Ion:101 Resp: 29352
Ion Ratio Lower Upper
101 100
103 63.1 53.0 79.6

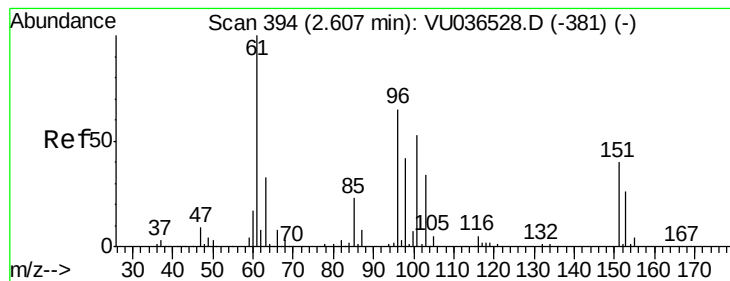


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 2.167 ug/l
RT: 2.61 min Scan# 394
Delta R.T. 0.00 min
Lab File: VU036544.D
Acq: 23 Jan 2020 17:29

Tgt Ion:101 Resp: 18469
Ion Ratio Lower Upper
101 100
85 41.9 33.9 50.9
151 72.9 59.8 89.8





#9

1,1-Dichloroethene

Concen: 2.109 ug/l

RT: 2.61 min Scan# 394

Delta R.T. 0.00 min

Lab File: VU036544.D

Acq: 23 Jan 2020 17:29

Instrument :

MSVOA_U

ClientSampleId :

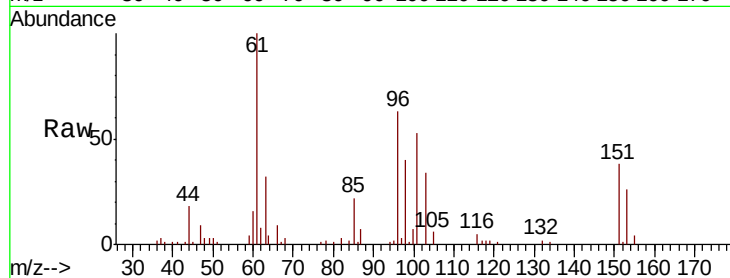
Tot Ion: 96 Resp: 19131

Ion Ratio Lower Upper

96 100

61 157.6 0.0 463.2

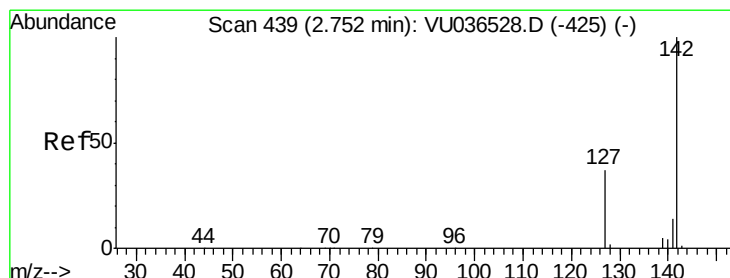
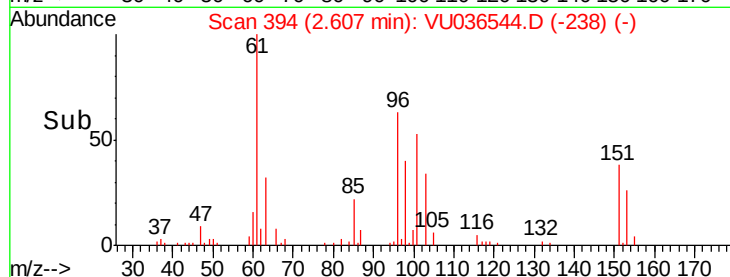
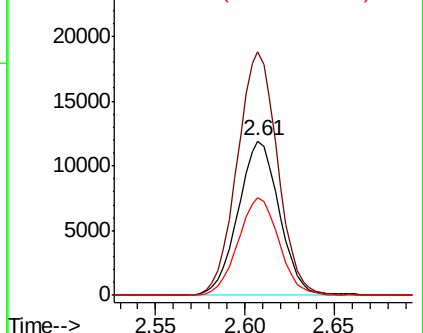
98 63.0 0.0 130.0



Abundance Ion 96.00 (95.70 to 96.70): VU036528.D (-381) (-)

Ion 61.00 (60.70 to 61.70): VU036528.D (-381) (-)

Ion 98.00 (97.70 to 98.70): VU036528.D (-381) (-)



#10

Iodomethane

Concen: 1.940 ug/l

RT: 2.75 min Scan# 439

Delta R.T. 0.00 min

Lab File: VU036544.D

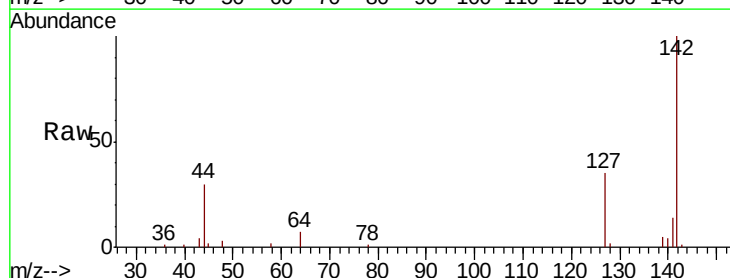
Acq: 23 Jan 2020 17:29

Tgt Ion: 142 Resp: 17271

Ion Ratio Lower Upper

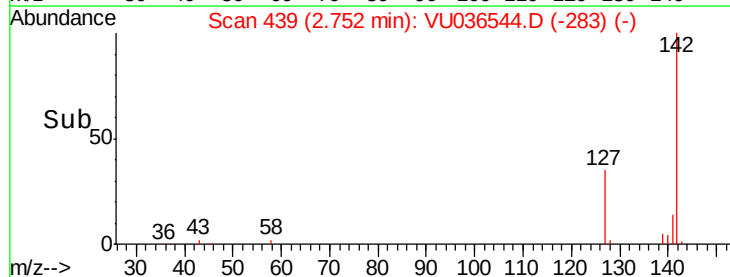
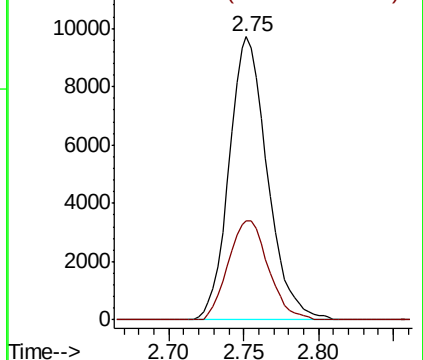
142 100

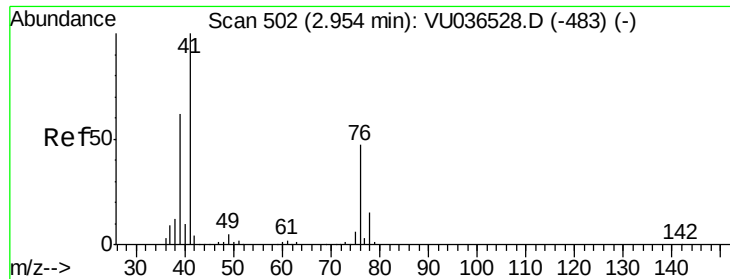
127 36.9 30.3 45.5



Abundance Ion 142.00 (141.70 to 142.70): VU036528.D (-425) (-)

Ion 127.00 (126.70 to 127.70): VU036528.D (-425) (-)

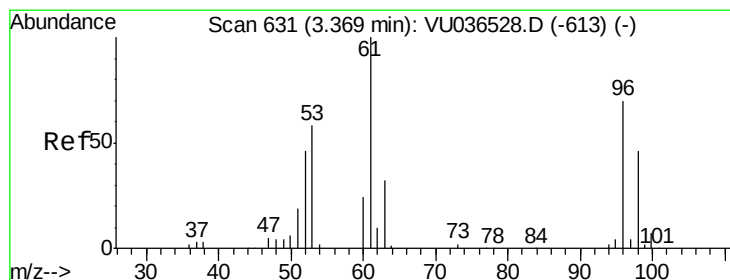
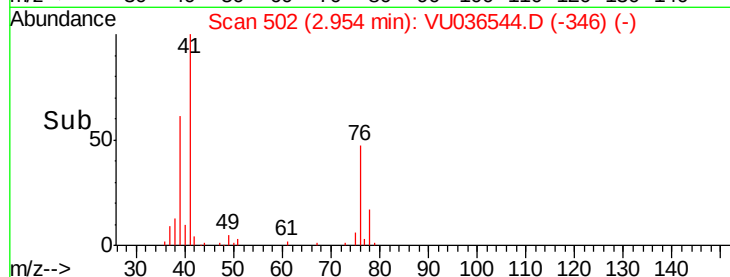
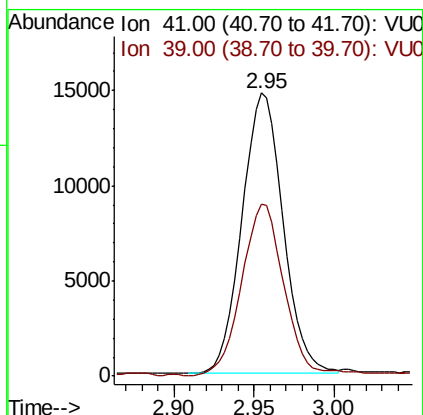
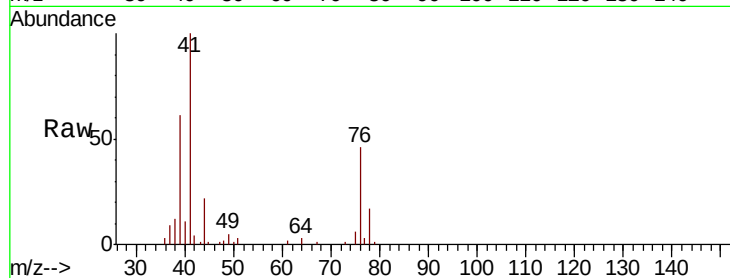




#11
Allvl Chloride
Concen: 2.068 ug/l
RT: 2.95 min Scan# 502
Delta R.T. 0.00 min
Lab File: VU036544.D
Acq: 23 Jan 2020 17:29

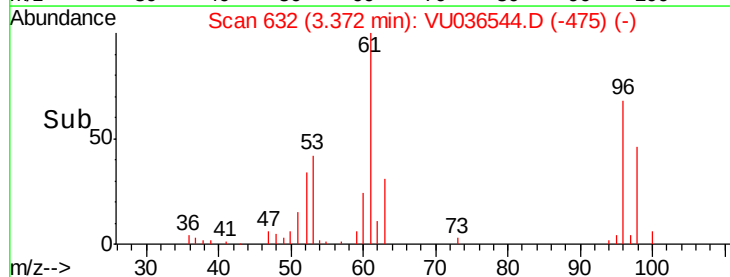
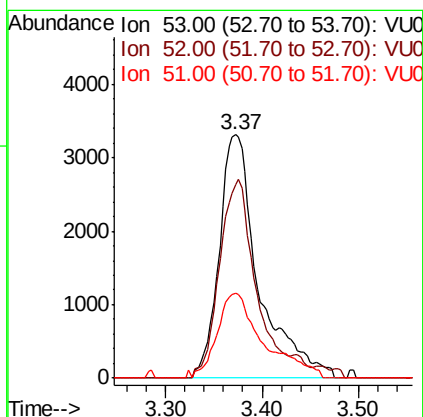
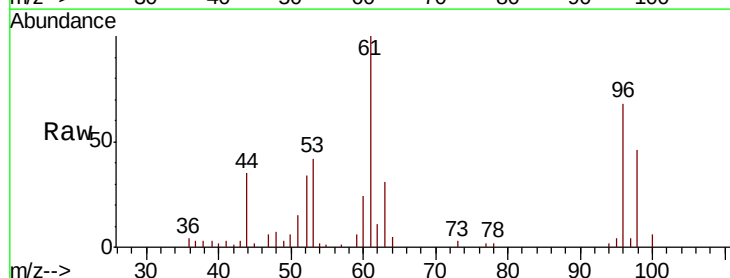
Instrument :
MSVOA_U
ClientSampleId :

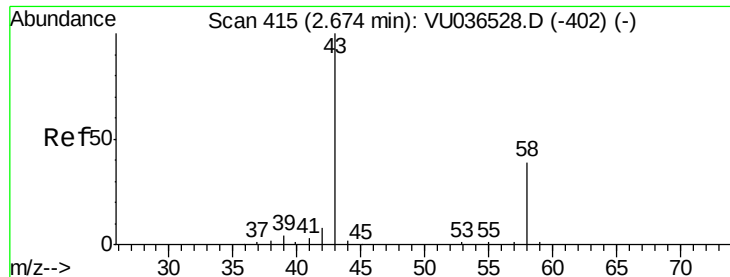
Tot Ion: 41 Resp: 25936
Ion Ratio Lower Upper
41 100
39 64.3 50.7 76.1



#12
Acrylonitrile
Concen: 4.226 ug/l
RT: 3.37 min Scan# 632
Delta R.T. 0.00 min
Lab File: VU036544.D
Acq: 23 Jan 2020 17:29

Tgt Ion: 53 Resp: 9405
Ion Ratio Lower Upper
53 100
52 74.1 64.6 97.0
51 40.9 27.2 40.8#





#13

Acetone

Concen: 10.208 ug/l

RT: 2.68 min Scan# 416

Delta R.T. 0.00 min

Lab File: VU036544.D

Acq: 23 Jan 2020 17:29

Instrument :

MSVOA_U

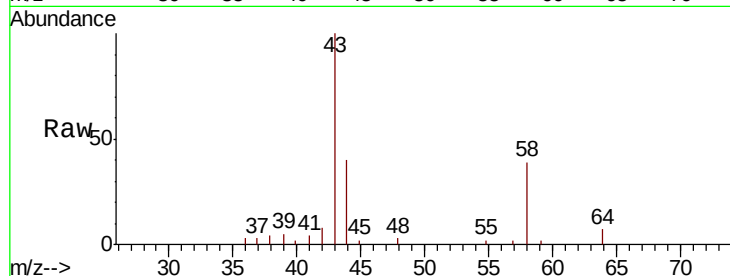
ClientSampled :

Tot Ion: 43 Resp: 17043

Ion Ratio Lower Upper

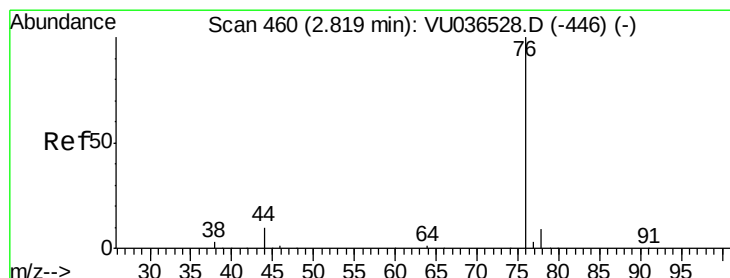
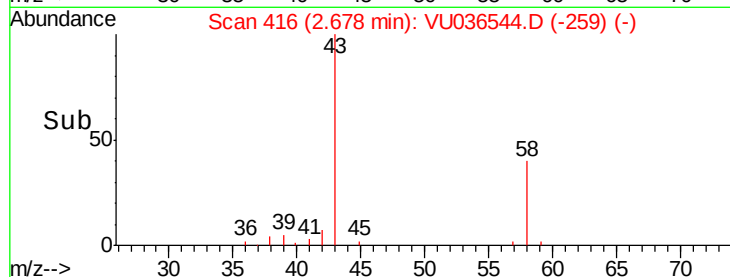
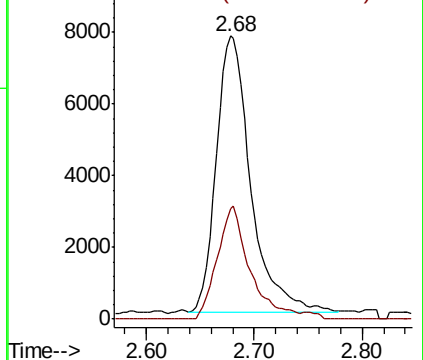
43 100

58 40.3 30.8 46.2



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

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



#14

Carbon Disulfide

Concen: 2.058 ug/l

RT: 2.82 min Scan# 460

Delta R.T. 0.00 min

Lab File: VU036544.D

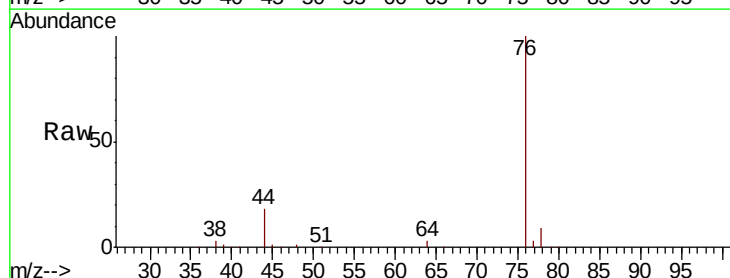
Acq: 23 Jan 2020 17:29

Tgt Ion: 76 Resp: 64652

Ion Ratio Lower Upper

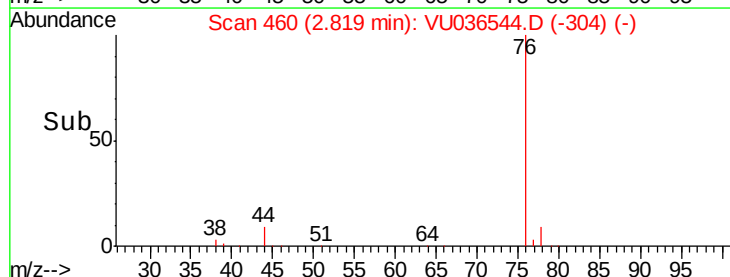
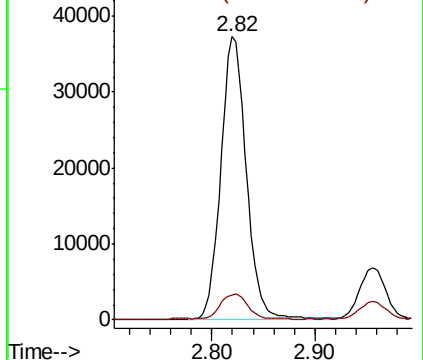
76 100

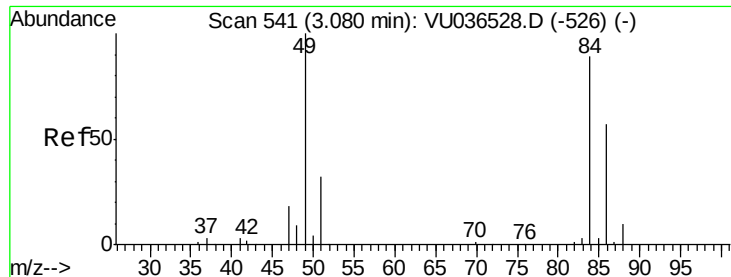
78 8.5 7.4 11.0



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

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





#15

Methvlene Chloride

Concen: 2.303 ug/l

RT: 3.08 min Scan# 541

Delta R.T. 0.00 min

Lab File: VU036544.D

Acq: 23 Jan 2020 17:29

Instrument :

MSVOA_U

ClientSampled :

Tot Ion: 84 Resp: 27517

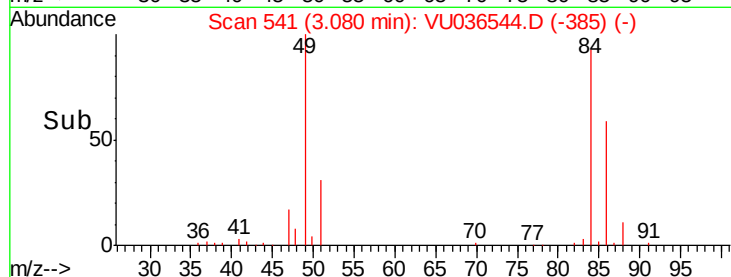
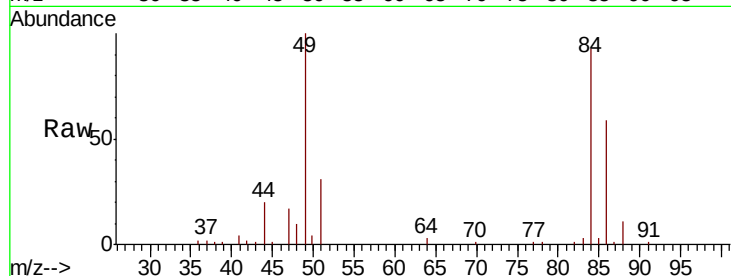
Ion Ratio Lower Upper

84 100

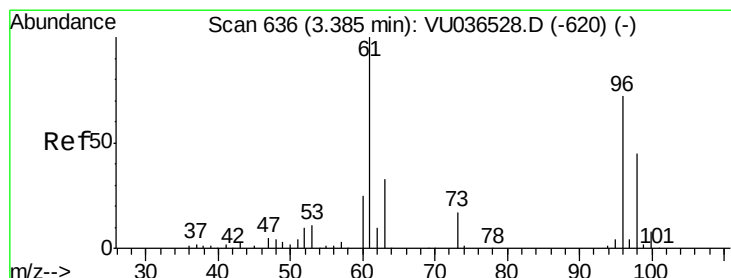
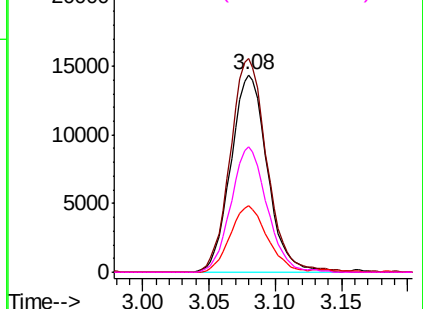
49 108.0 89.7 134.5

51 33.8 0.0 71.6

86 63.5 51.4 77.2



Abundance Ion 84.00 (83.70 to 84.70): VU0
Ion 49.00 (48.70 to 49.70): VU0
Ion 51.00 (50.70 to 51.70): VU0
Ion 86.00 (85.70 to 86.70): VU0



#16

trans-1,2-Dichloroethene

Concen: 2.114 ug/l

RT: 3.39 min Scan# 636

Delta R.T. 0.00 min

Lab File: VU036544.D

Acq: 23 Jan 2020 17:29

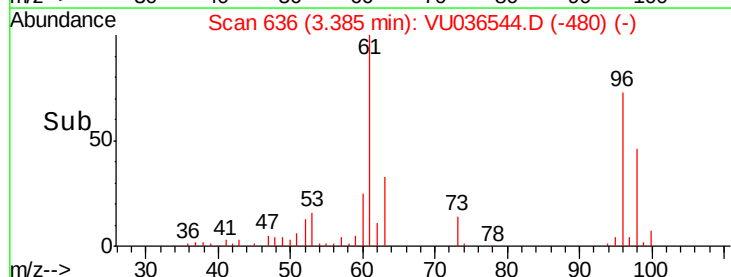
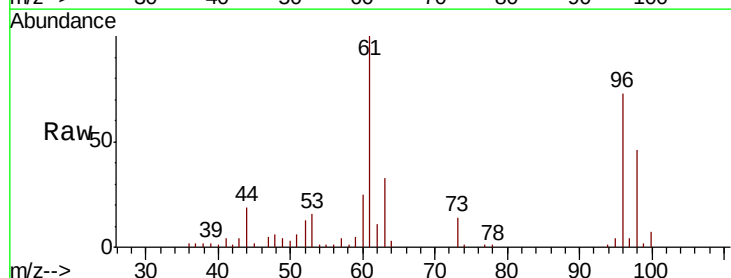
Tgt Ion: 96 Resp: 21159

Ion Ratio Lower Upper

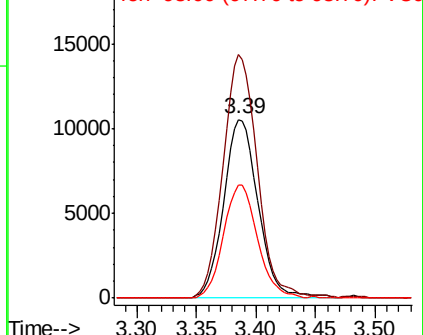
96 100

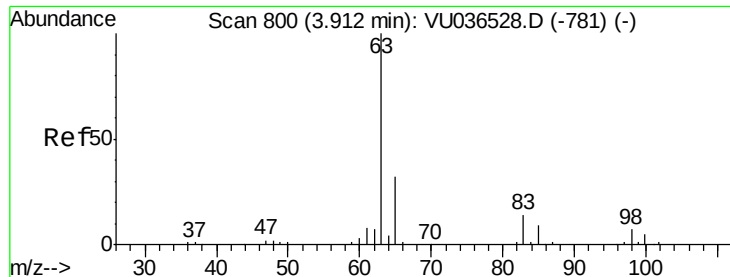
61 136.5 110.8 166.2

98 63.1 50.3 75.5



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

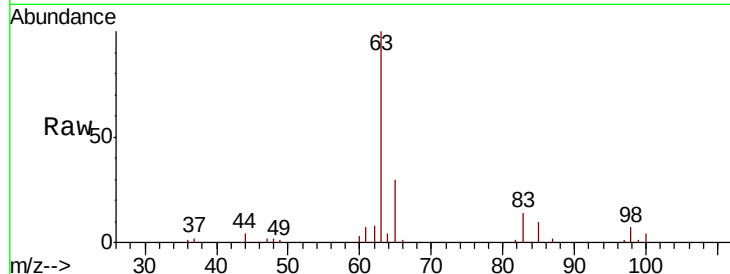




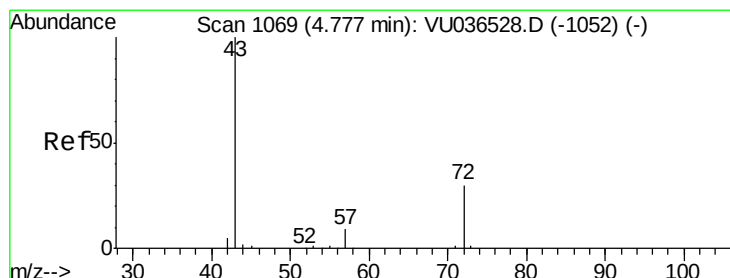
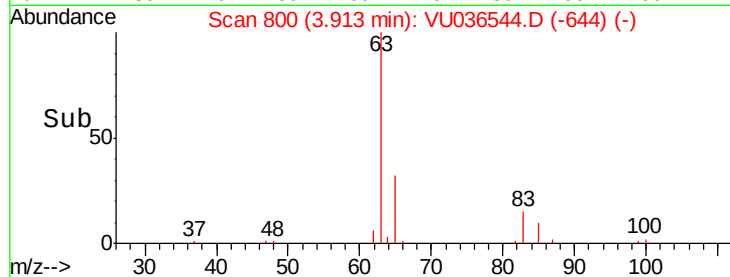
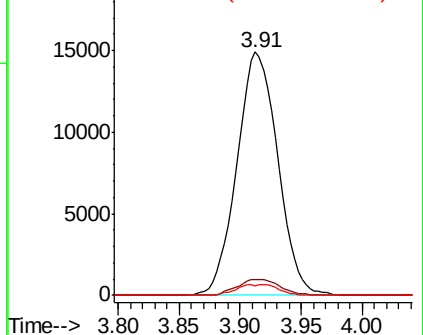
#17
 1,1-Dichloroethane
 Concen: 2.119 ug/l
 RT: 3.91 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: VU036544.D
 Acq: 23 Jan 2020 17:29

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 63 Resp: 34556
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.5 10.5
 100 4.0 2.4 7.1

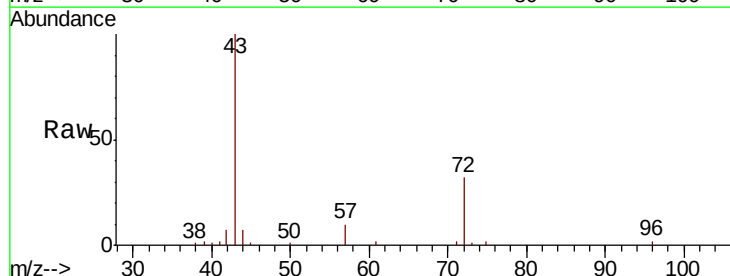


Abundance Ion 63.00 (62.70 to 63.70): VU0
 Ion 98.00 (97.70 to 98.70): VU0
 Ion 100.00 (99.70 to 100.70): VU0

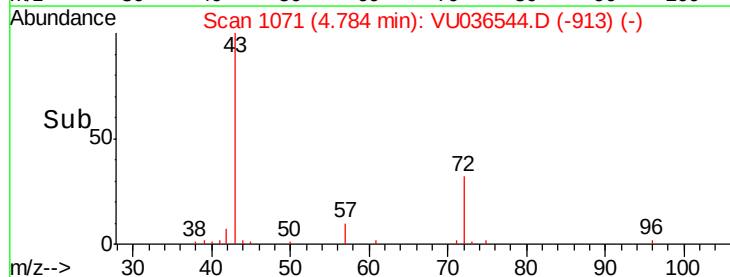
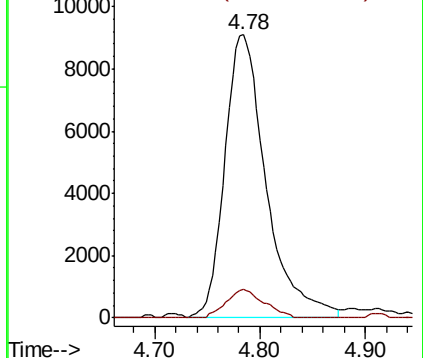


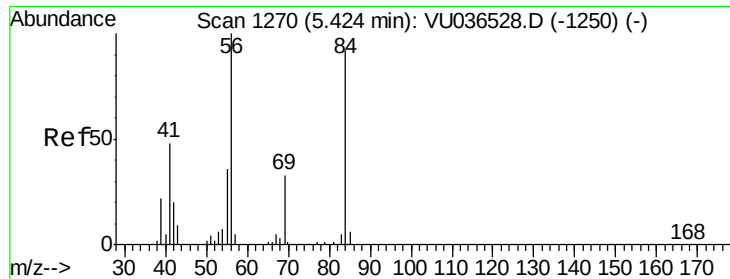
#18
 2-Butanone
 Concen: 10.393 ug/l
 RT: 4.78 min Scan# 1071
 Delta R.T. 0.01 min
 Lab File: VU036544.D
 Acq: 23 Jan 2020 17:29

Tgt Ion: 43 Resp: 24830
 Ion Ratio Lower Upper
 43 100
 57 10.1 0.0 17.8



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

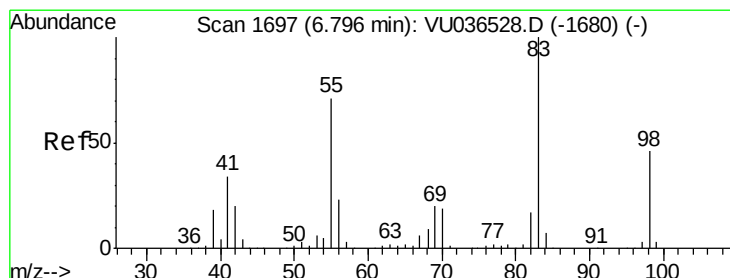
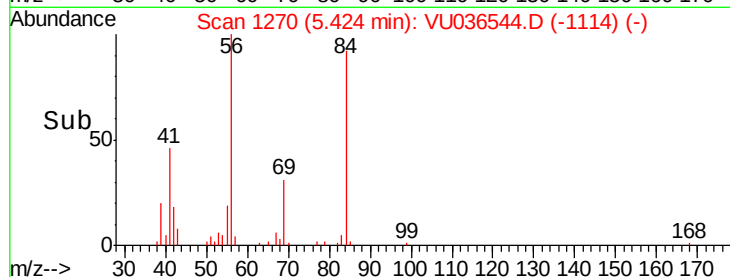
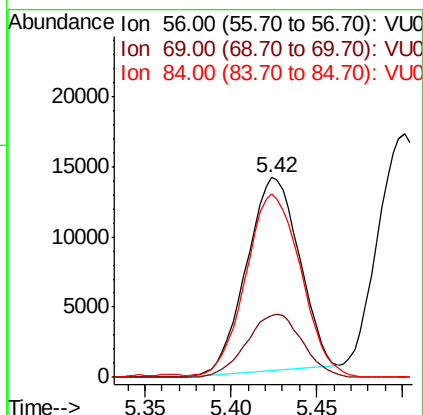
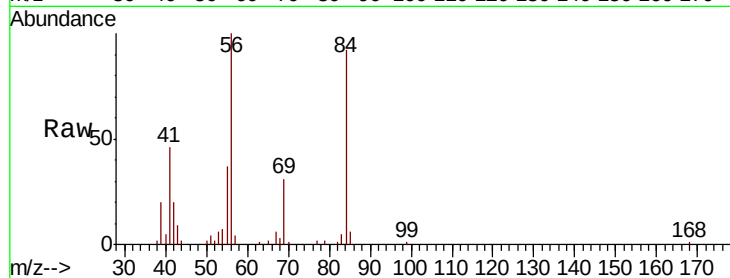




#19
Cyclohexane
Concen: 1.970 ug/l
RT: 5.42 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VU036544.D
Acq: 23 Jan 2020 17:29

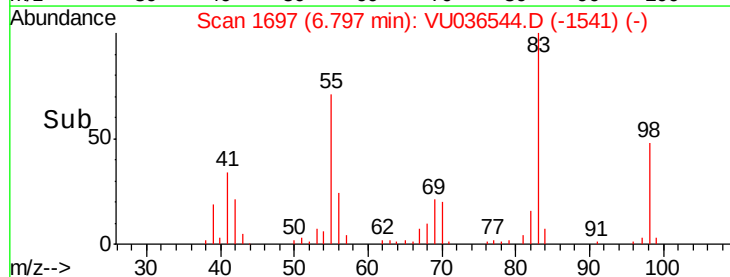
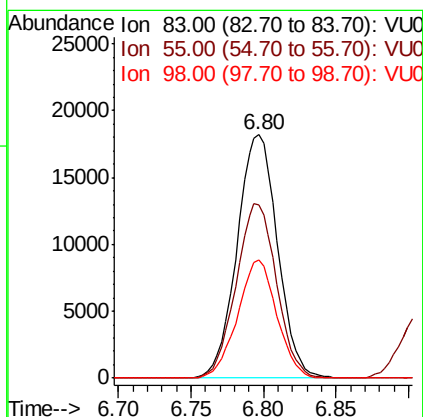
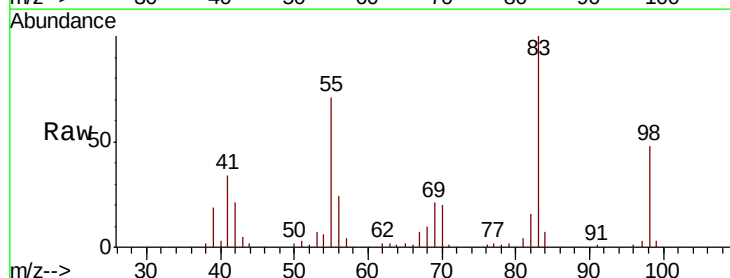
Instrument :
MSVOA_U
ClientSampleId :

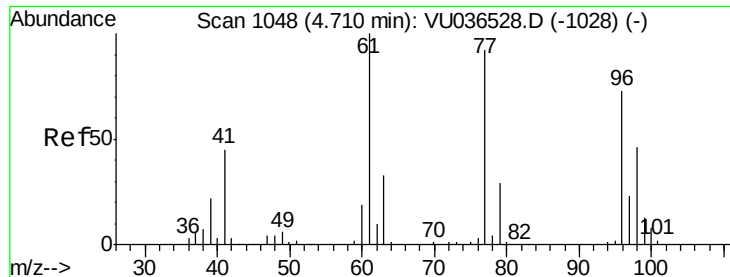
Tot Ion: 56 Resp: 29360
Ion Ratio Lower Upper
56 100
69 34.7 26.2 39.2
84 98.0 72.8 109.2



#20
Methylcyclohexane
Concen: 2.125 ug/l
RT: 6.80 min Scan# 1697
Delta R.T. 0.00 min
Lab File: VU036544.D
Acq: 23 Jan 2020 17:29

Tgt Ion: 83 Resp: 35369
Ion Ratio Lower Upper
83 100
55 71.3 56.6 85.0
98 46.8 37.5 56.3

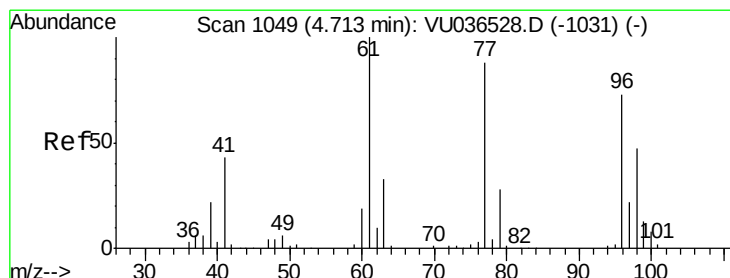
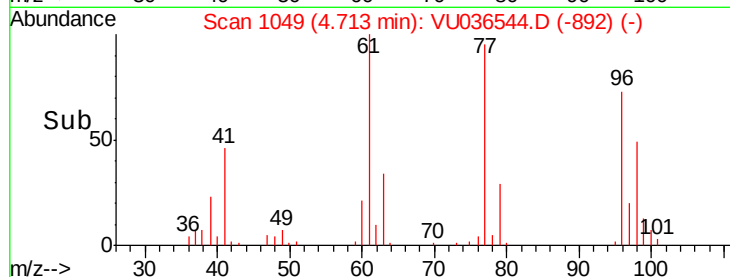
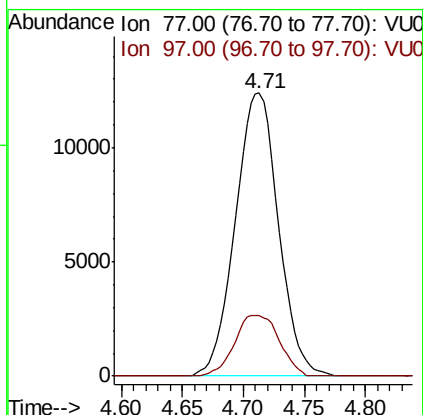
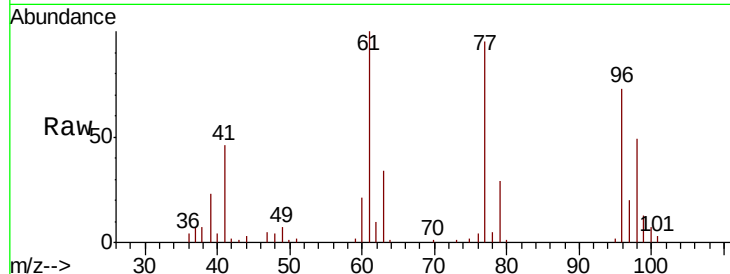




#21
 2,2-Dichloropropane
 Concen: 2.174 ug/l
 RT: 4.71 min Scan# 1049
 Delta R.T. 0.00 min
 Lab File: VU036544.D
 Acq: 23 Jan 2020 17:29

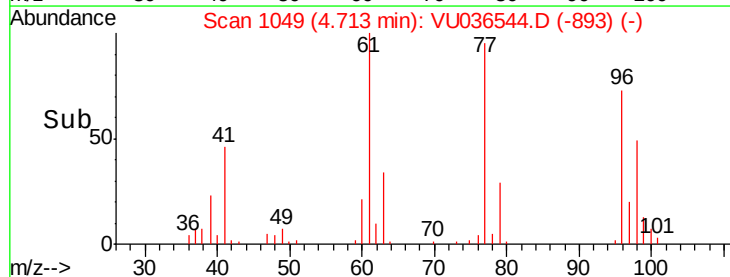
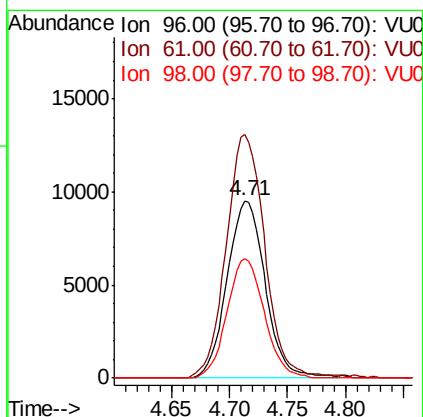
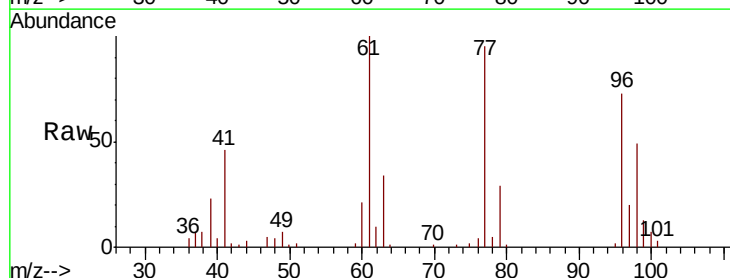
Instrument :
 MSVOA_U
 ClientSampleId :

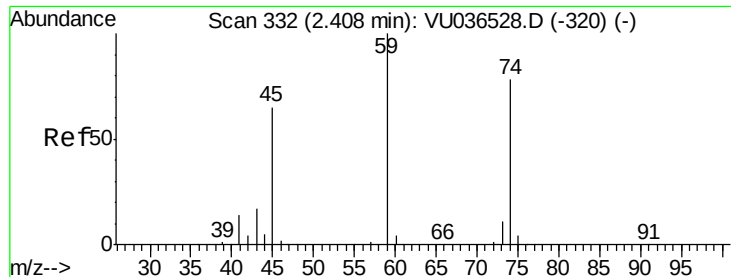
Tot Ion: 77 Resp: 30274
 Ion Ratio Lower Upper
 77 100
 97 22.3 19.0 28.4



#22
 cis-1,2-Dichloroethene
 Concen: 2.094 ug/l
 RT: 4.71 min Scan# 1049
 Delta R.T. 0.00 min
 Lab File: VU036544.D
 Acq: 23 Jan 2020 17:29

Tgt Ion: 96 Resp: 21738
 Ion Ratio Lower Upper
 96 100
 61 138.1 0.0 342.0
 98 65.6 32.0 96.0

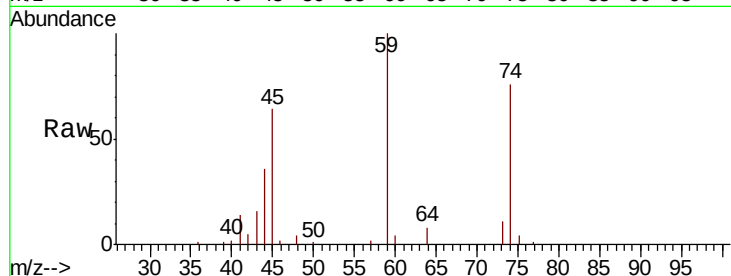




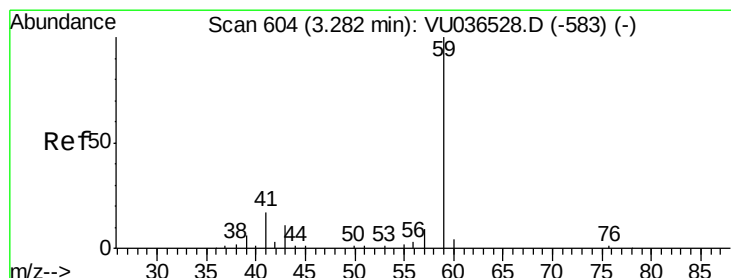
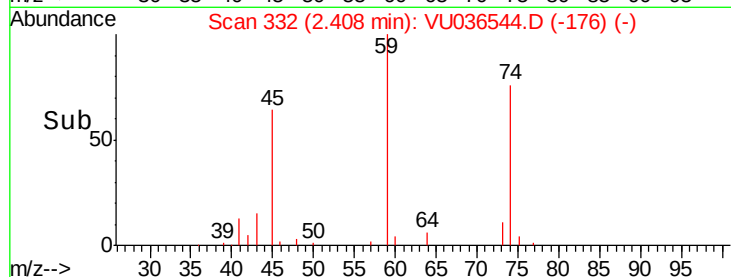
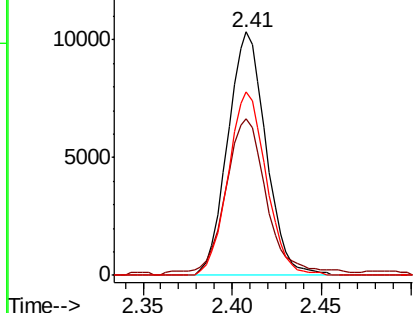
#23
Diethyl Ether
Concen: 2.187 ug/l
RT: 2.41 min Scan# 332
Delta R.T. 0.00 min
Lab File: VU036544.D
Acq: 23 Jan 2020 17:29

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 59 Resp: 15325
Ion Ratio Lower Upper
59 100
45 70.8 52.4 78.6
74 75.1 62.1 93.1

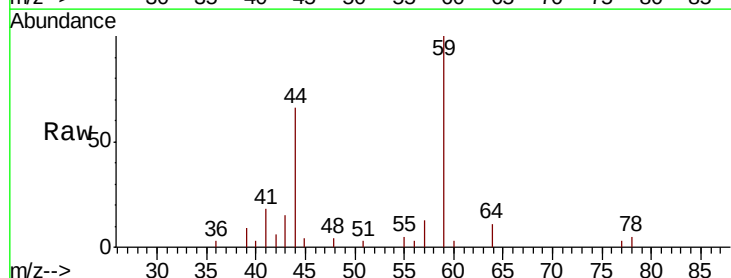


Abundance Ion 59.00 (58.70 to 59.70): VU0
Ion 45.00 (44.70 to 45.70): VU0
Ion 74.00 (73.70 to 74.70): VU0

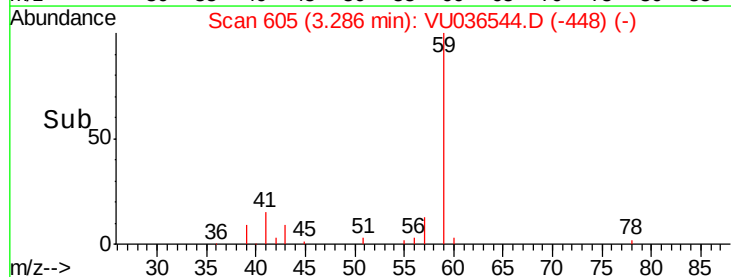
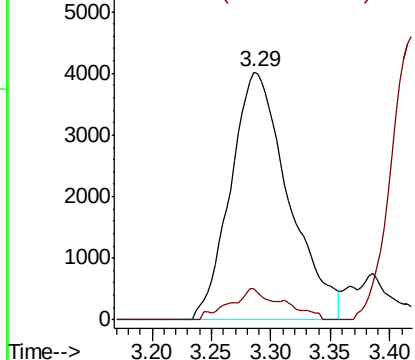


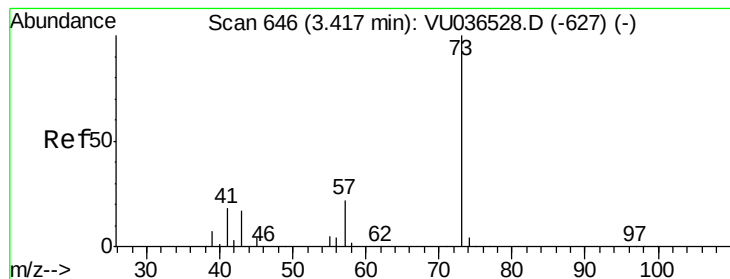
#24
tert-Butyl Alcohol
Concen: 21.646 ug/l
RT: 3.29 min Scan# 605
Delta R.T. 0.00 min
Lab File: VU036544.D
Acq: 23 Jan 2020 17:29

Tgt Ion: 59 Resp: 13558
Ion Ratio Lower Upper
59 100
57 8.8 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: 2.148 ug/l

RT: 3.42 min Scan# 646

Delta R.T. 0.00 min

Lab File: VU036544.D

Acq: 23 Jan 2020 17:29

Instrument :

MSVOA_U

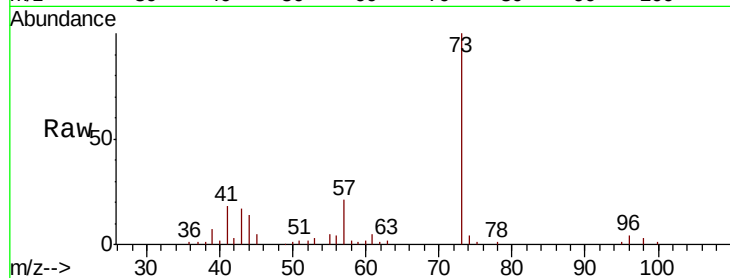
ClientSampled :

Tot Ion: 73 Resp: 51058

Ion Ratio Lower Upper

73 100

43 17.4 14.5 21.7



Abundance Ion 73.00 (72.70 to 73.70): VU036528.D (-627) (-)

Ion 43.00 (42.70 to 43.70): VU036528.D (-627) (-)

3.42

25000

20000

15000

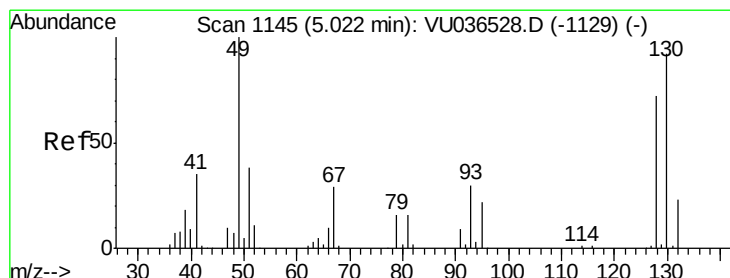
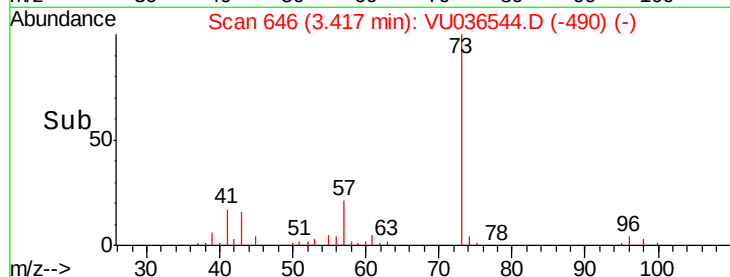
10000

5000

0

3.35 3.40 3.45 3.50

Time-->



#26

Bromochloromethane

Concen: 2.052 ug/l

RT: 5.02 min Scan# 1145

Delta R.T. 0.00 min

Lab File: VU036544.D

Acq: 23 Jan 2020 17:29

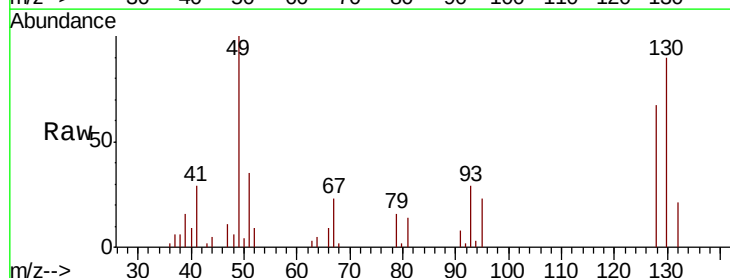
Tgt Ion: 128 Resp: 9227

Ion Ratio Lower Upper

128 100

49 150.9 0.0 286.2

130 135.7 104.3 156.5



Abundance Ion 128.00 (127.70 to 128.70): VU036528.D (-1129) (-)

Ion 49.00 (48.70 to 49.70): VU036528.D (-1129) (-)

Ion 130.00 (129.70 to 130.70): VU036528.D (-1129) (-)

5.02

8000

6000

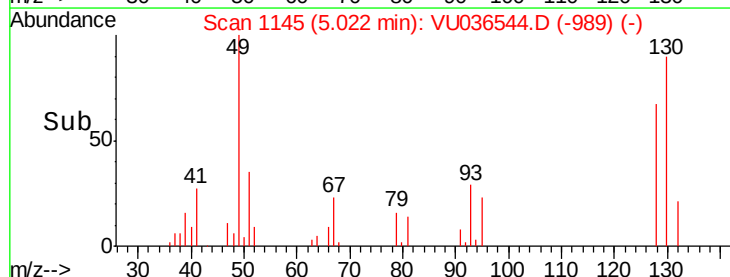
4000

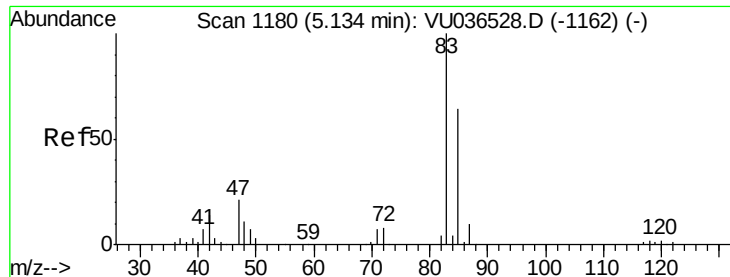
2000

0

4.95 5.00 5.05 5.10

Time-->

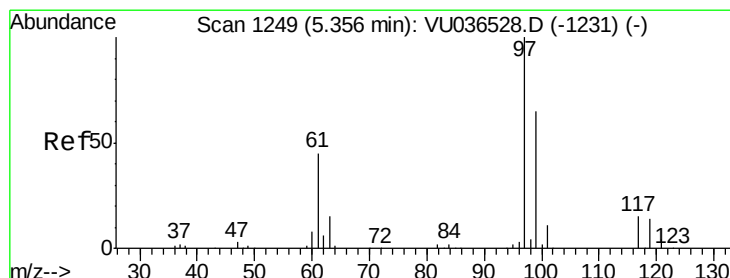
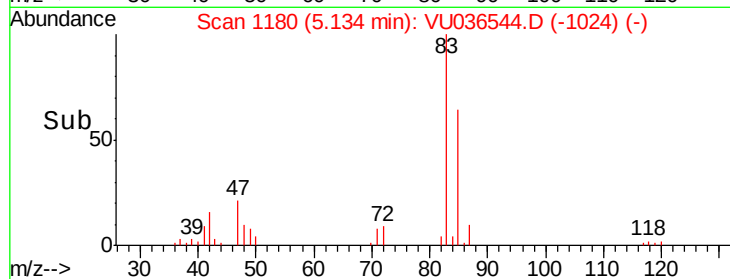
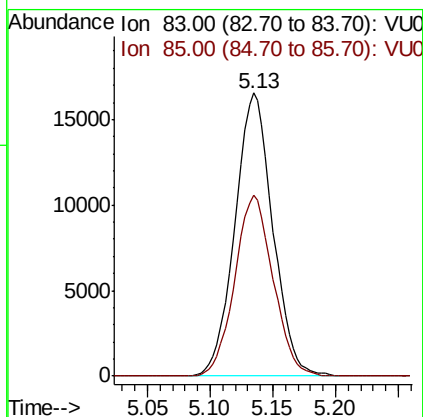
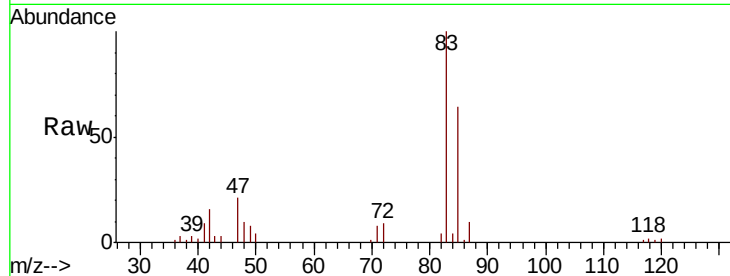




#27
Chloroform
Concen: 2.149 ug/l
RT: 5.13 min Scan# 1180
Delta R.T. 0.00 min
Lab File: VU036544.D
Acq: 23 Jan 2020 17:29

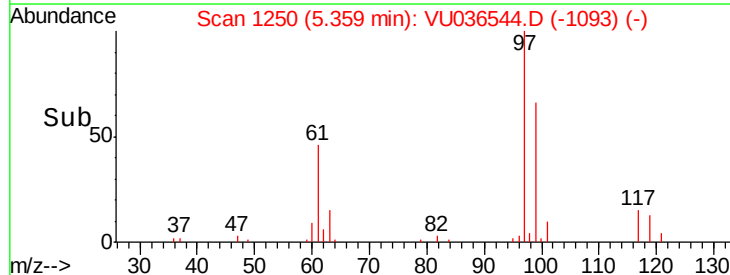
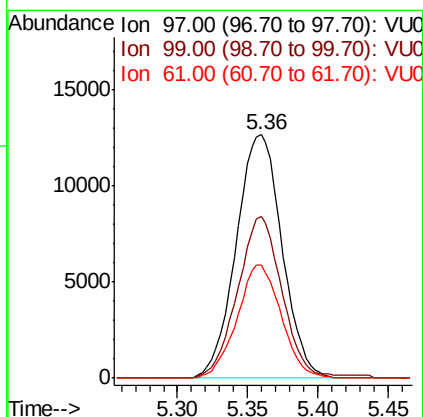
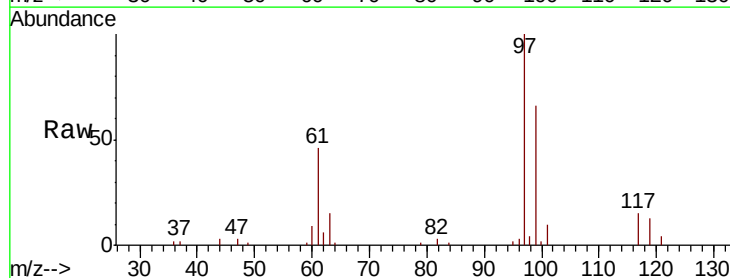
Instrument :
MSVOA_U
ClientSampleId :

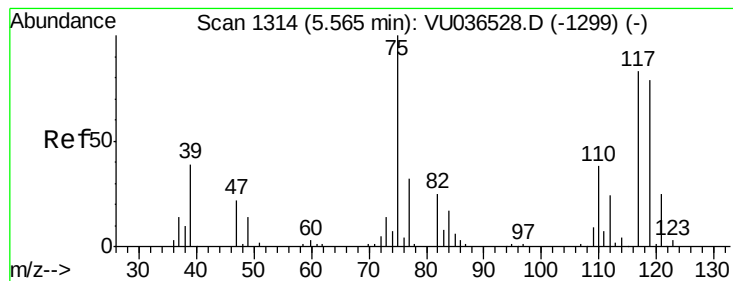
Tot Ion: 83 Resp: 34659
Ion Ratio Lower Upper
83 100
85 64.1 0.0 129.0



#28
1,1,1-Trichloroethane
Concen: 2.124 ug/l
RT: 5.36 min Scan# 1250
Delta R.T. 0.00 min
Lab File: VU036544.D
Acq: 23 Jan 2020 17:29

Tgt Ion: 97 Resp: 28731
Ion Ratio Lower Upper
97 100
99 64.7 32.1 96.3
61 44.8 22.7 68.0





#29

1,1-Dichloropropene

Concen: 2.144 ug/l

RT: 5.57 min Scan# 1314

Delta R.T. 0.00 min

Lab File: VU036544.D

Acq: 23 Jan 2020 17:29

Instrument :
MSVOA_U
ClientSampleId :

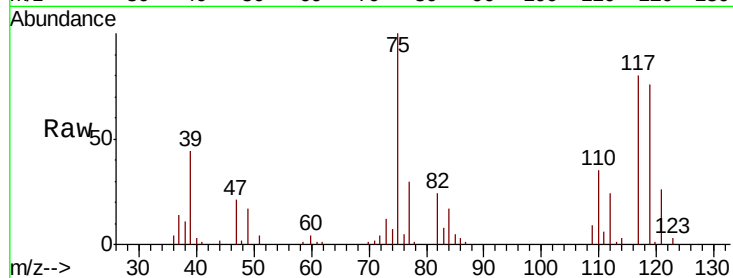
Tot Ion: 75 Resp: 28306

Ion Ratio Lower Upper

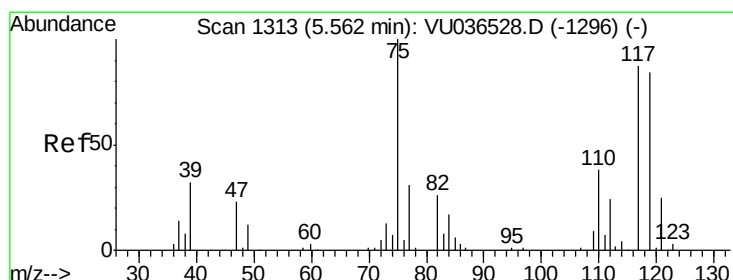
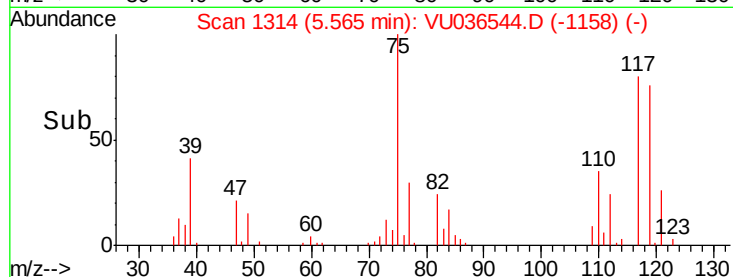
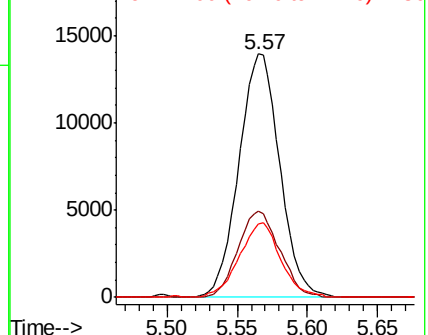
75 100

110 35.8 18.6 55.8

77 30.9 25.0 37.4



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



#30

Carbon Tetrachloride

Concen: 2.104 ug/l

RT: 5.57 min Scan# 1314

Delta R.T. 0.00 min

Lab File: VU036544.D

Acq: 23 Jan 2020 17:29

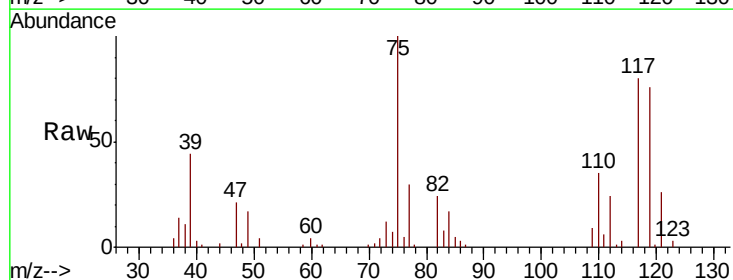
Tgt Ion: 117 Resp: 24366

Ion Ratio Lower Upper

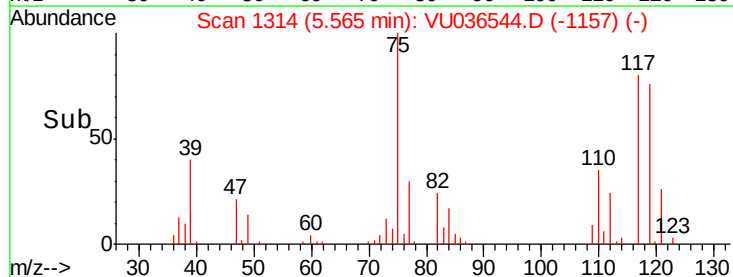
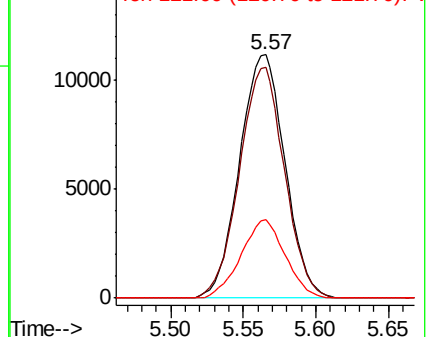
117 100

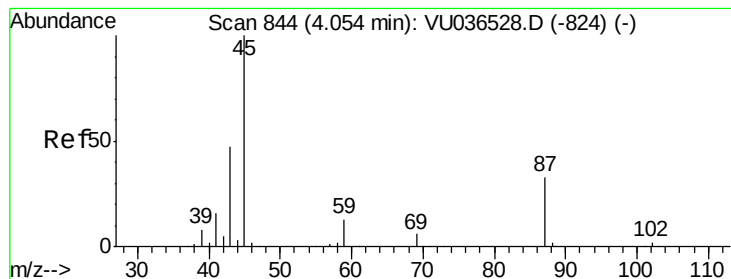
119 95.0 77.0 115.6

121 32.0 23.3 34.9



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





#31

Isopropyl Ether

Concen: 2.132 ug/l

RT: 4.06 min Scan# 845

Delta R.T. 0.00 min

Lab File: VU036544.D

Acq: 23 Jan 2020 17:29

Instrument :

MSVOA_U

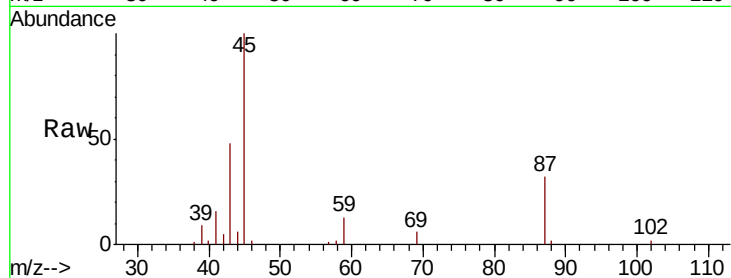
ClientSampled :

Tot Ion: 45 Resp: 52784

Ion Ratio Lower Upper

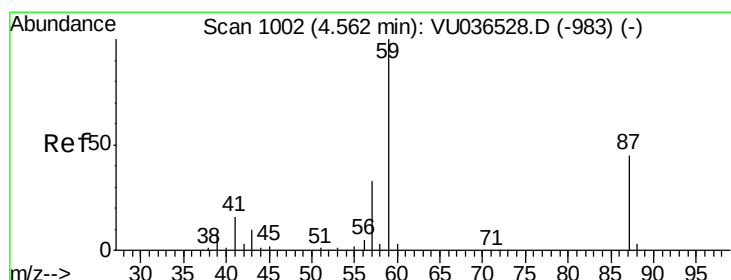
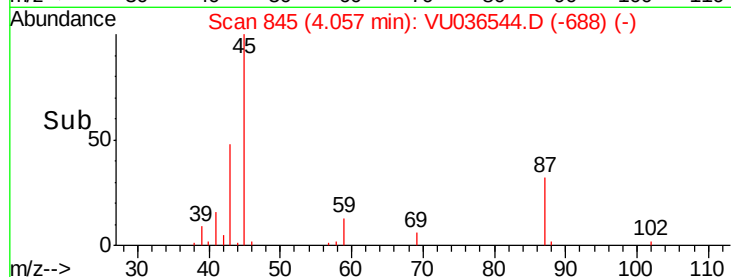
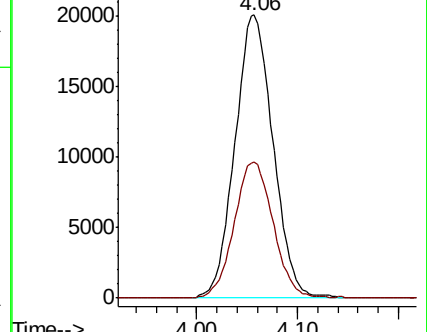
45 100

43 49.1 24.0 72.0



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

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



#32

Ethyl-t-butyl ether

Concen: 2.147 ug/l

RT: 4.57 min Scan# 1003

Delta R.T. 0.00 min

Lab File: VU036544.D

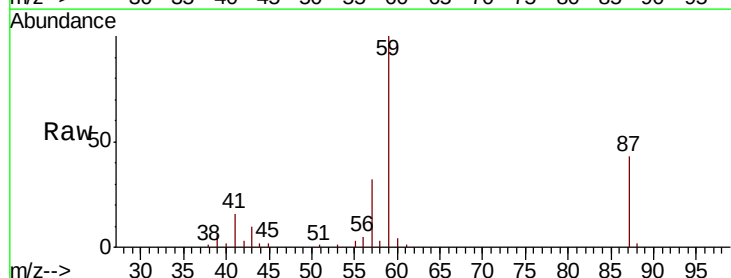
Acq: 23 Jan 2020 17:29

Tgt Ion: 59 Resp: 55622

Ion Ratio Lower Upper

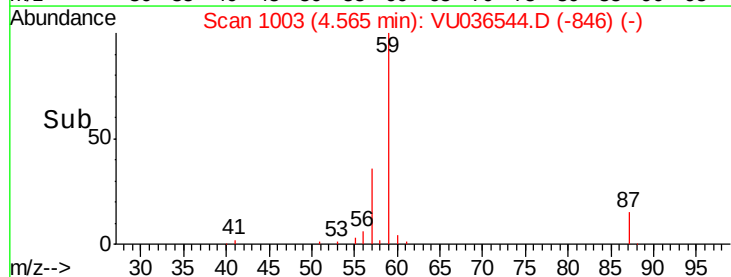
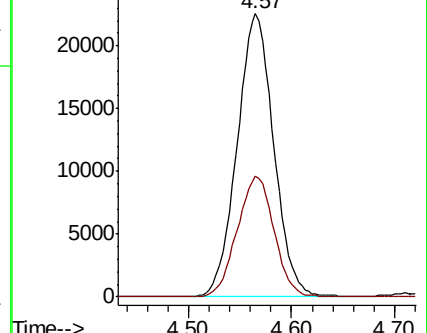
59 100

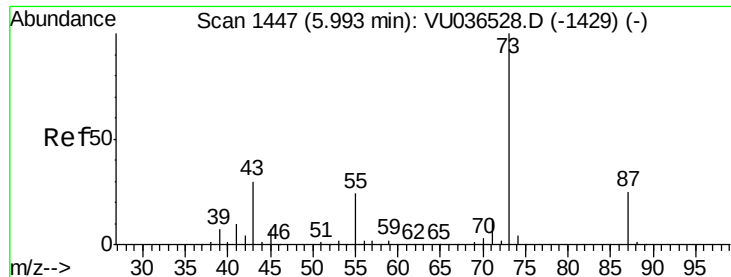
87 42.8 35.1 52.7



Abundance Ion 59.00 (58.70 to 59.70): VU036528.D (-983) (-)

Ion 87.00 (86.70 to 87.70): VU036528.D (-983) (-)

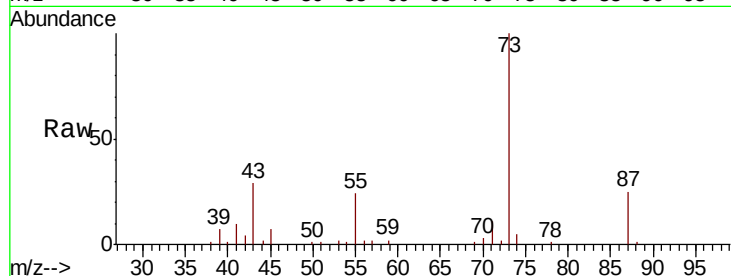




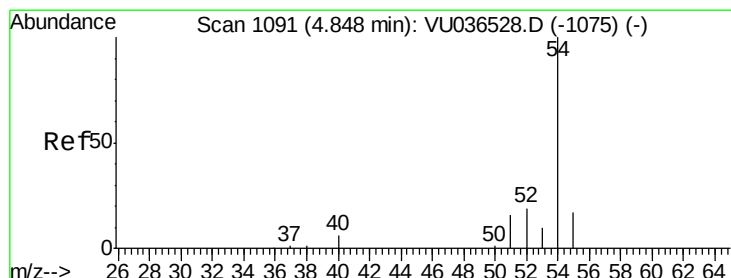
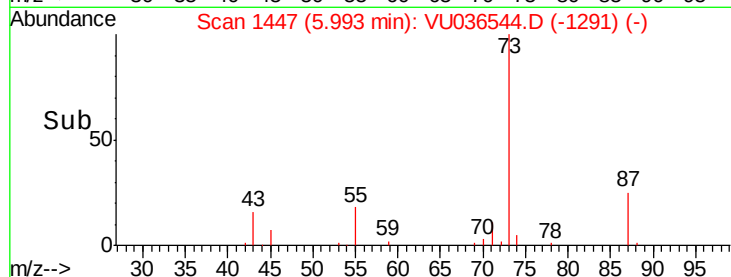
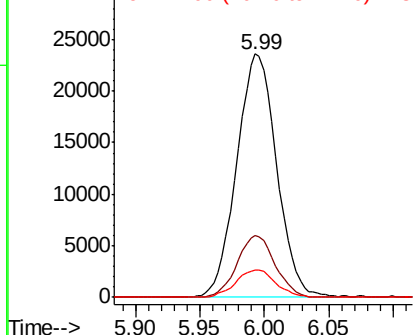
#33
Tert-Butyl methyl ether
Concen: 2.146 ug/l
RT: 5.99 min Scan# 1447
Delta R.T. 0.00 min
Lab File: VU036544.D
Acq: 23 Jan 2020 17:29

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 73 Resp: 50905
Ion Ratio Lower Upper
73 100
87 23.9 19.8 29.6
71 11.1 9.1 13.7

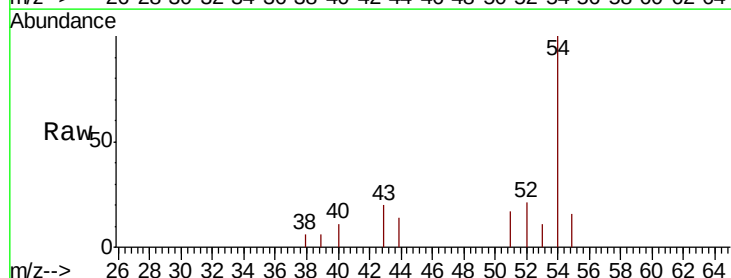


Abundance Ion 73.00 (72.70 to 73.70): VU0
Ion 87.00 (86.70 to 87.70): VU0
Ion 71.00 (70.70 to 71.70): VU0

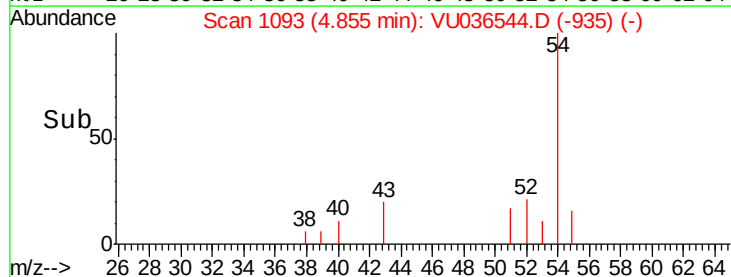
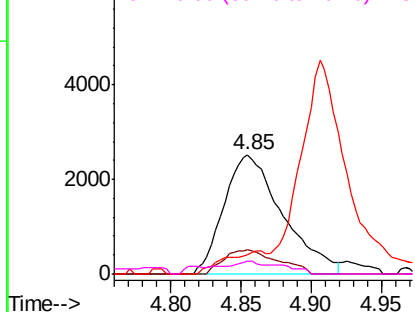


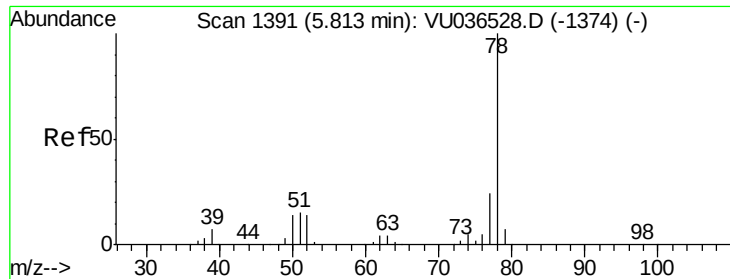
#34
Propionitrile
Concen: 10.603 ug/l
RT: 4.85 min Scan# 1093
Delta R.T. 0.01 min
Lab File: VU036544.D
Acq: 23 Jan 2020 17:29

Tgt Ion: 54 Resp: 7302
Ion Ratio Lower Upper
54 100
52 18.7 15.2 22.8
55 14.4 9.5 14.3#
40 1.7 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: 2.113 ug/l

RT: 5.82 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VU036544.D

Acq: 23 Jan 2020 17:29

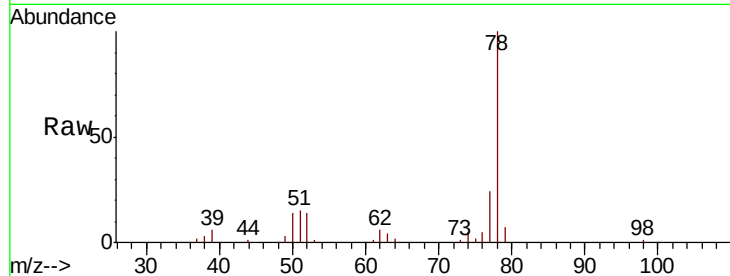
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 78 Resp: 80789

Ion Ratio Lower Upper

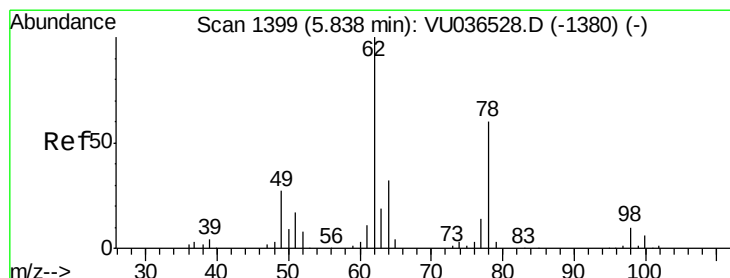
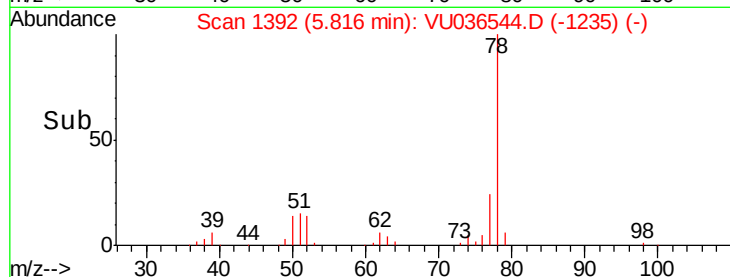
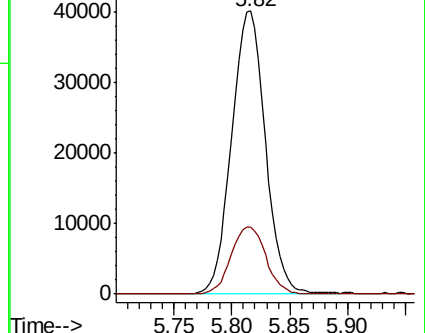
78 100

77 23.8 19.4 29.0



Abundance Ion 78.10 (77.80 to 78.80): VU036528.D (-1374) (-)

Ion 77.00 (76.70 to 77.70): VU036528.D (-1374) (-)



#36

1,2-Dichloroethane

Concen: 2.178 ug/l

RT: 5.84 min Scan# 1399

Delta R.T. 0.00 min

Lab File: VU036544.D

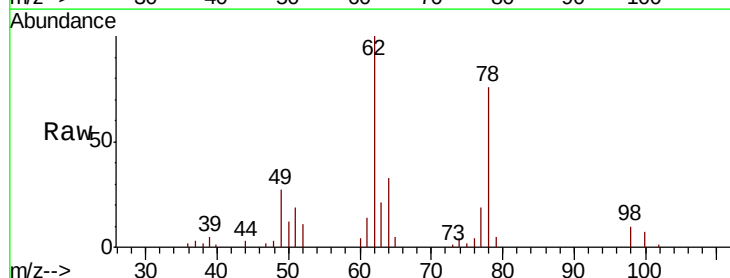
Acq: 23 Jan 2020 17:29

Tgt Ion: 62 Resp: 22415

Ion Ratio Lower Upper

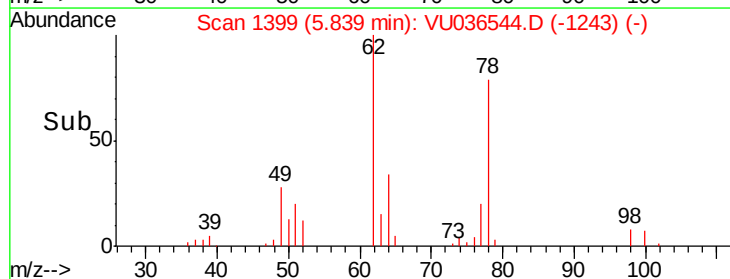
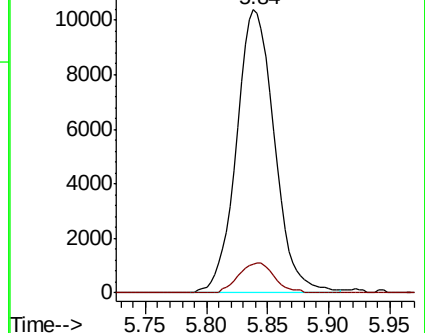
62 100

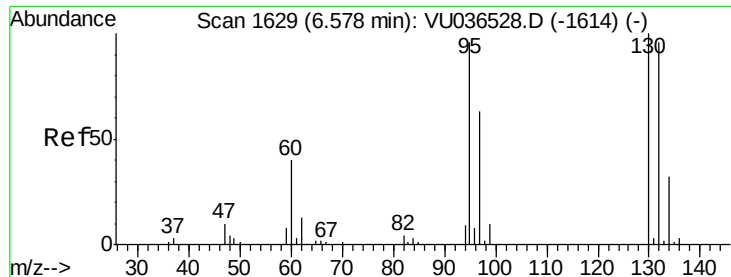
98 9.9 7.8 11.8



Abundance Ion 62.00 (61.70 to 62.70): VU036528.D (-1380) (-)

Ion 98.00 (97.70 to 98.70): VU036528.D (-1380) (-)

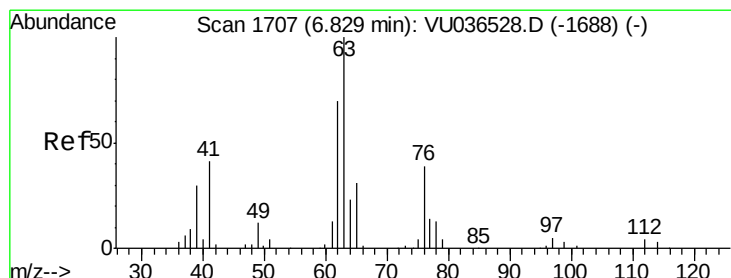
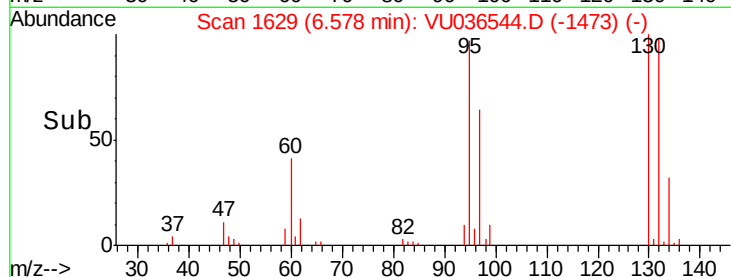
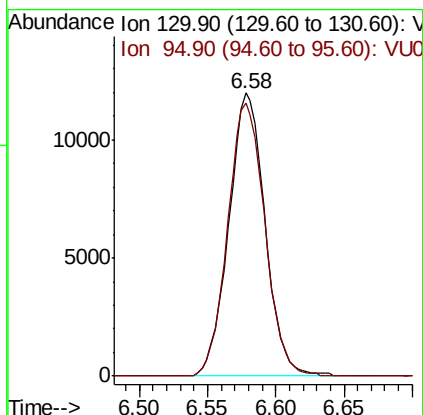
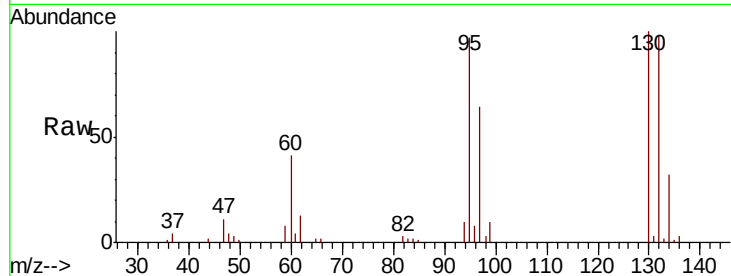




#37
 Trichloroethene
 Concen: 2.097 ug/l
 RT: 6.58 min Scan# 1629
 Delta R.T. 0.00 min
 Lab File: VU036544.D
 Acq: 23 Jan 2020 17:29

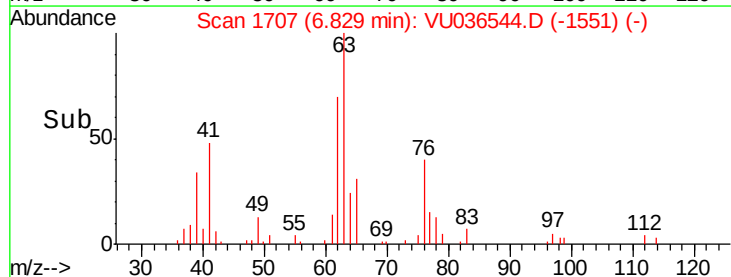
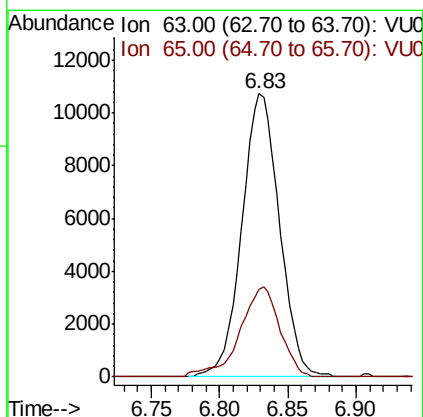
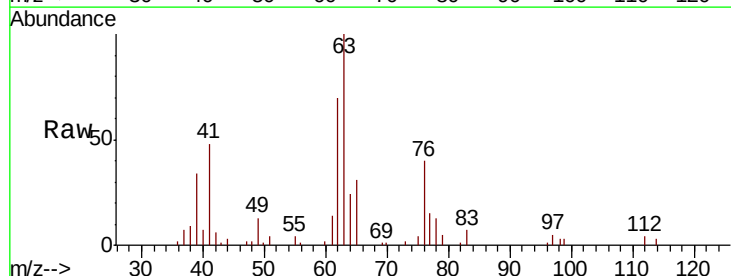
Instrument :
 MSVOA_U
 ClientSampled :

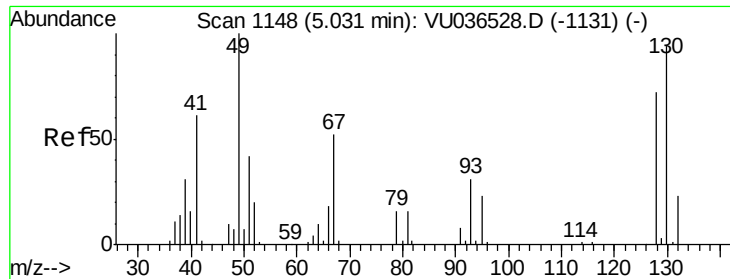
Tot Ion:130 Resp: 22132
 Ion Ratio Lower Upper
 130 100
 95 96.7 77.0 115.4



#38
 1,2-Dichloropropane
 Concen: 2.133 ug/l
 RT: 6.83 min Scan# 1707
 Delta R.T. 0.00 min
 Lab File: VU036544.D
 Acq: 23 Jan 2020 17:29

Tgt Ion: 63 Resp: 20506
 Ion Ratio Lower Upper
 63 100
 65 30.9 24.7 37.1

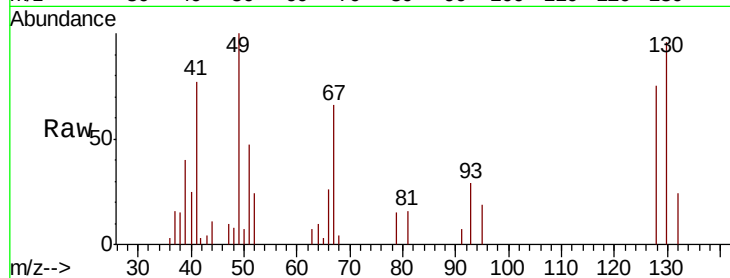




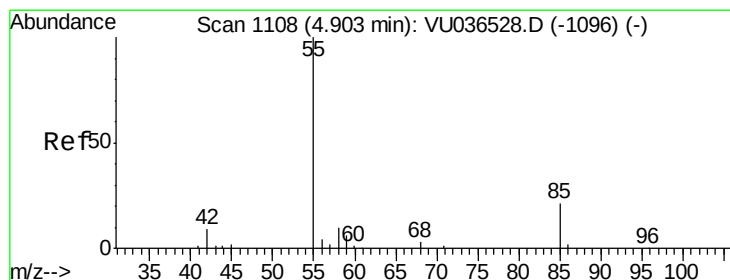
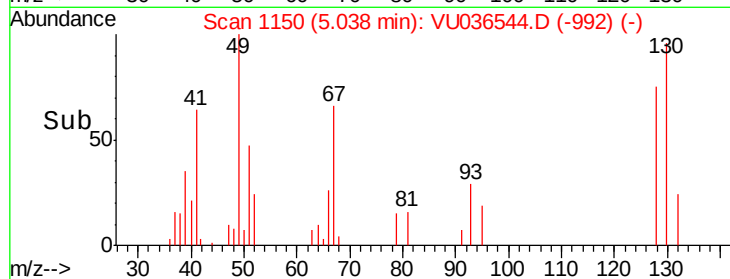
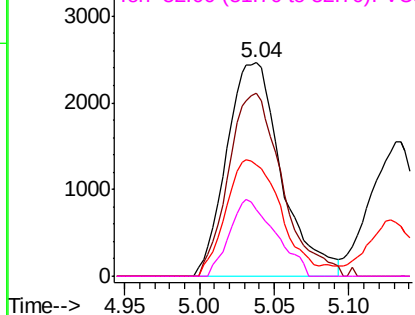
#39
Methacrylonitrile
Concen: 2.173 ug/l
RT: 5.04 min Scan# 1150
Delta R.T. 0.01 min
Lab File: VU036544.D
Acq: 23 Jan 2020 17:29

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 41 Resp: 6288
Ion Ratio Lower Upper
41 100
67 83.4 69.6 104.4
39 54.3 41.6 62.4
52 29.9 25.9 38.9

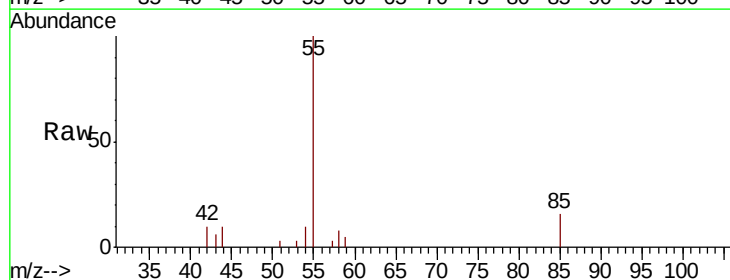


Abundance Ion 41.00 (40.70 to 41.70): VU0
Ion 67.00 (66.70 to 67.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 52.00 (51.70 to 52.70): VU0

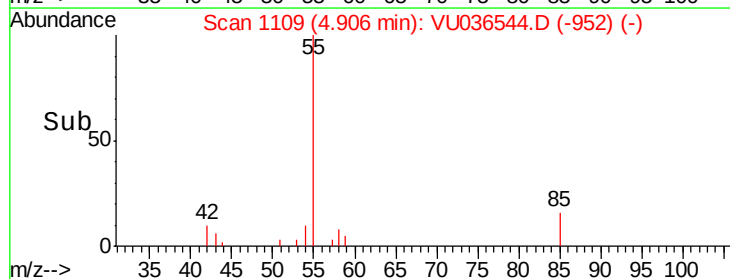
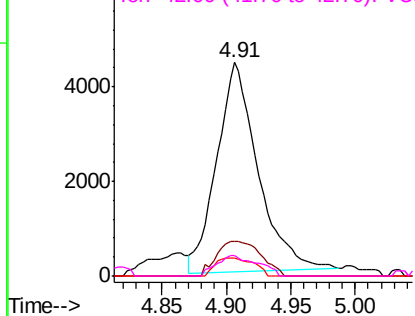


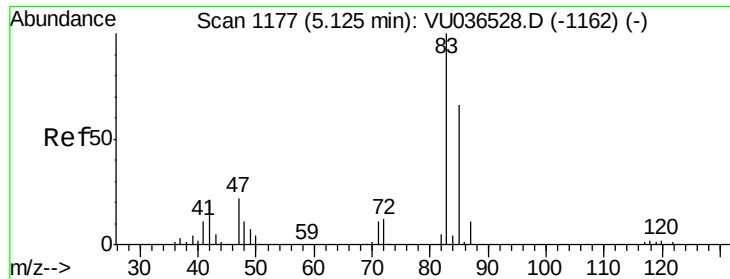
#40
Methyl acrylate
Concen: 2.143 ug/l
RT: 4.91 min Scan# 1109
Delta R.T. 0.00 min
Lab File: VU036544.D
Acq: 23 Jan 2020 17:29

Tgt Ion: 55 Resp: 9830
Ion Ratio Lower Upper
55 100
85 17.8 14.7 22.1
58 8.0 7.1 10.7
42 9.7 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

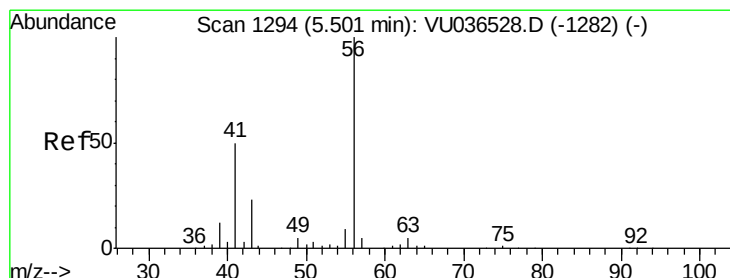
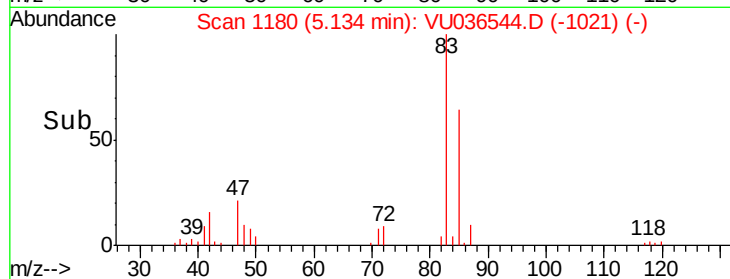
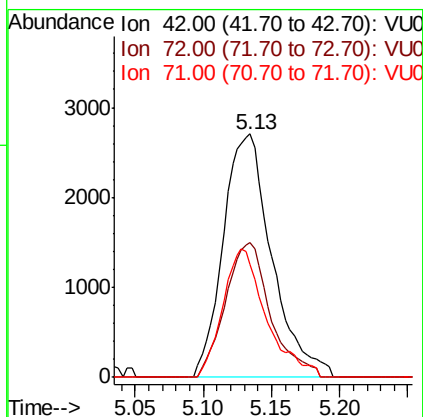
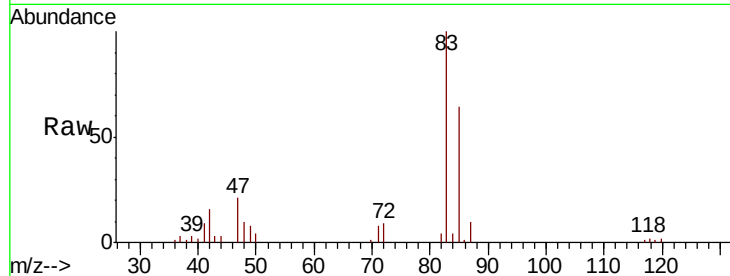




#41
Tetrahydrofuran
Concen: 4.248 ug/l
RT: 5.13 min Scan# 1180
Delta R.T. 0.01 min
Lab File: VU036544.D
Acq: 23 Jan 2020 17:29

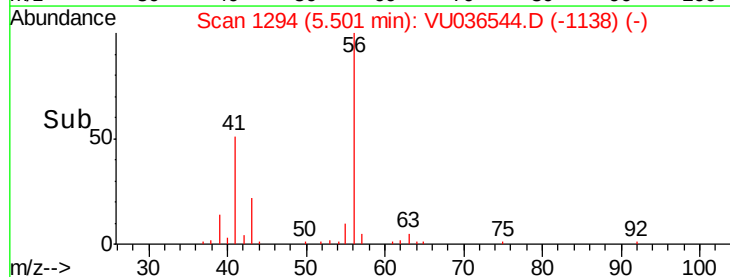
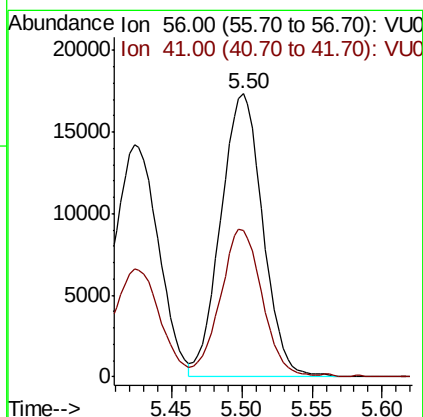
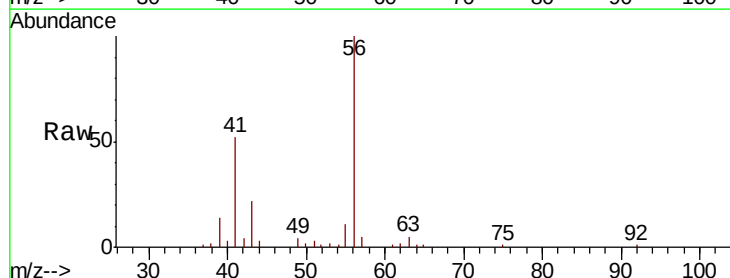
Instrument :
MSVOA_U
ClientSampleId :

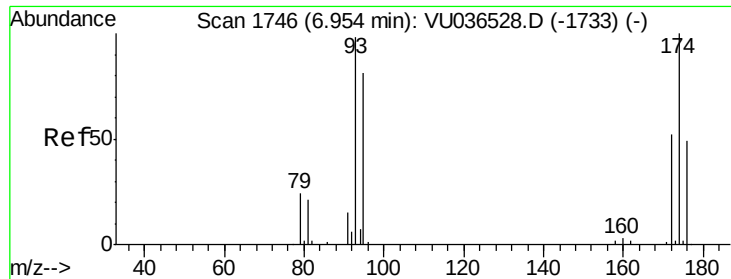
Tot Ion: 42 Resp: 6698
Ion Ratio Lower Upper
42 100
72 51.4 42.5 63.7
71 47.1 37.3 55.9



#42
1-Chlorobutane
Concen: 2.107 ug/l
RT: 5.50 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VU036544.D
Acq: 23 Jan 2020 17:29

Tgt Ion: 56 Resp: 36044
Ion Ratio Lower Upper
56 100
41 50.6 24.8 74.3

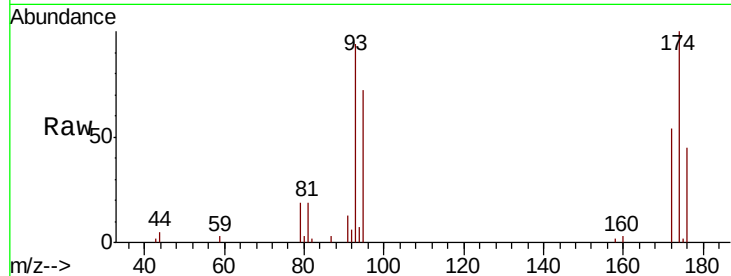




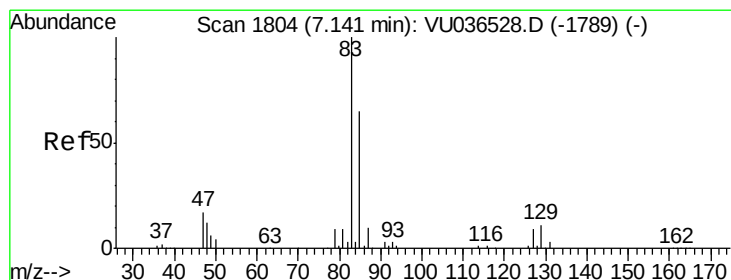
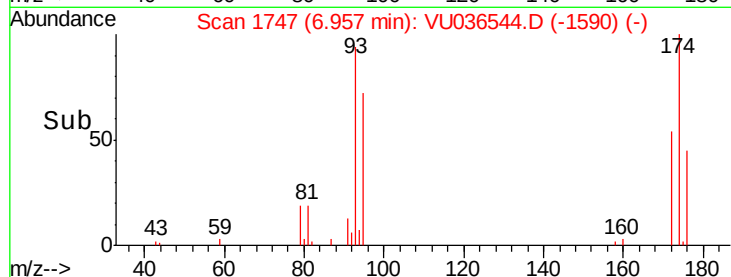
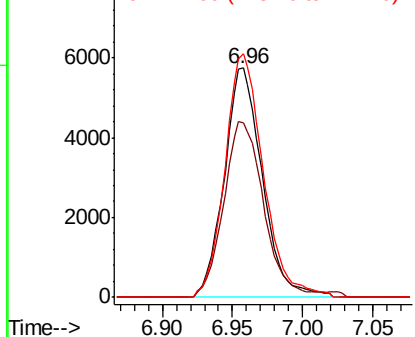
#43
 Dibromomethane
 Concen: 2.159 ug/l
 RT: 6.96 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VU036544.D
 Acq: 23 Jan 2020 17:29

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 93 Resp: 10830
 Ion Ratio Lower Upper
 93 100
 95 80.6 67.9 101.9
 174 107.4 83.4 125.0

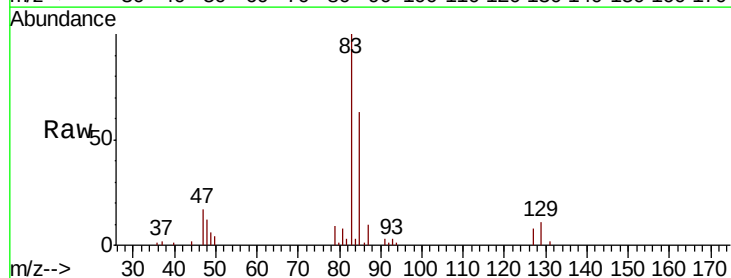


Abundance Ion 93.00 (92.70 to 93.70): VU0
 Ion 95.00 (94.70 to 95.70): VU0
 Ion 174.00 (173.70 to 174.70): V

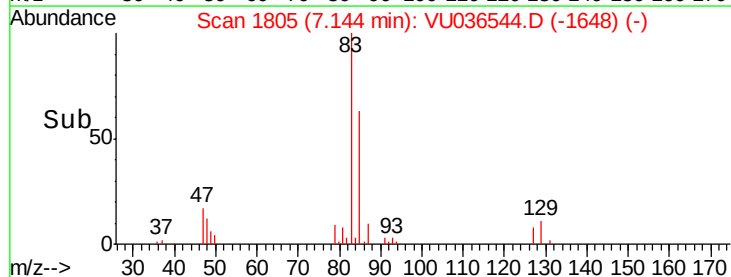
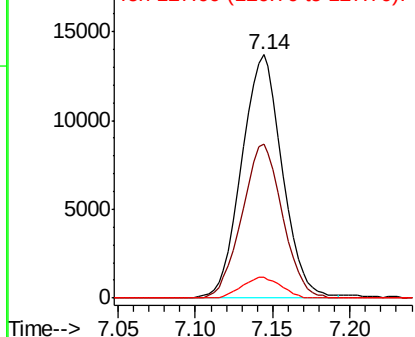


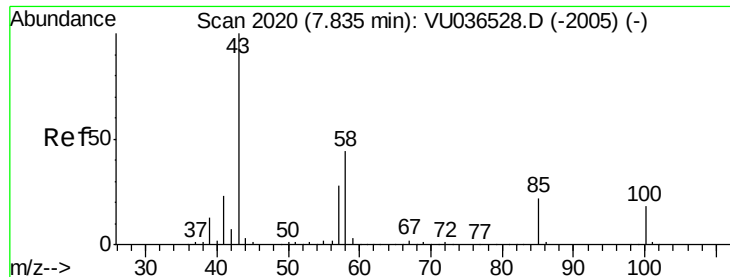
#44
 Bromodichloromethane
 Concen: 2.107 ug/l
 RT: 7.14 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VU036544.D
 Acq: 23 Jan 2020 17:29

Tgt Ion: 83 Resp: 25000
 Ion Ratio Lower Upper
 83 100
 85 63.4 51.8 77.6
 127 8.4 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

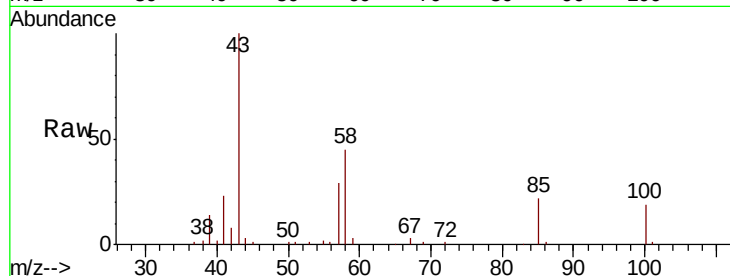




#45
4-Methyl-2-Pentanone
Concen: 10.554 ug/l
RT: 7.84 min Scan# 2021
Delta R.T. 0.00 min
Lab File: VU036544.D
Acq: 23 Jan 2020 17:29

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
43	100		
58	44.1	22.1	66.1
85	21.3	17.4	26.0

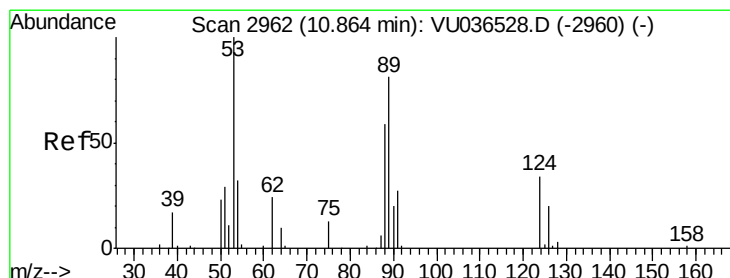
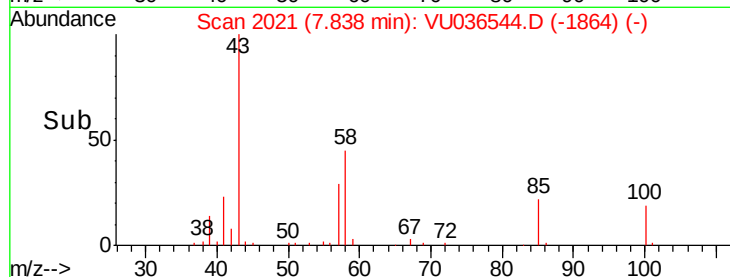
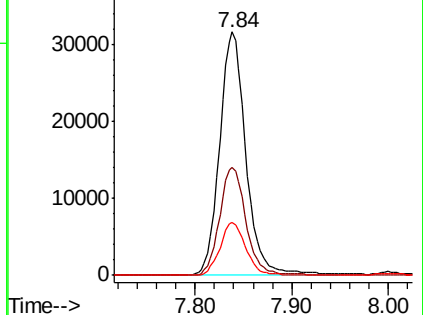


Abundance

Ion 43.00 (42.70 to 43.70): VU036528.D (-2005) (-)

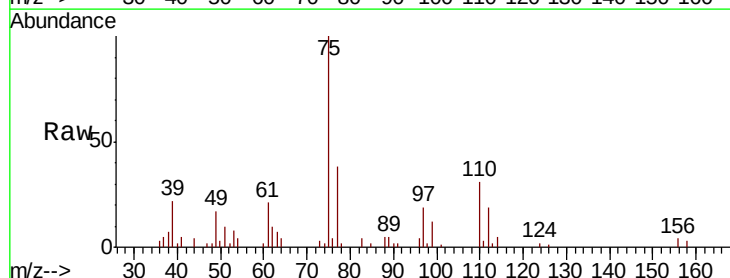
Ion 58.00 (57.70 to 58.70): VU036528.D (-2005) (-)

Ion 85.00 (84.70 to 85.70): VU036528.D (-2005) (-)



#46
t-1,4-Dichloro-2-butene
Concen: 9.099 ug/l
RT: 10.85 min Scan# 2958
Delta R.T. -0.01 min
Lab File: VU036544.D
Acq: 23 Jan 2020 17:29

Tgt Ion	Ratio	Lower	Upper
75	100		
53	33.9	52.2	78.2#
89	23.2	39.8	59.6#
88	16.9	27.4	41.2#



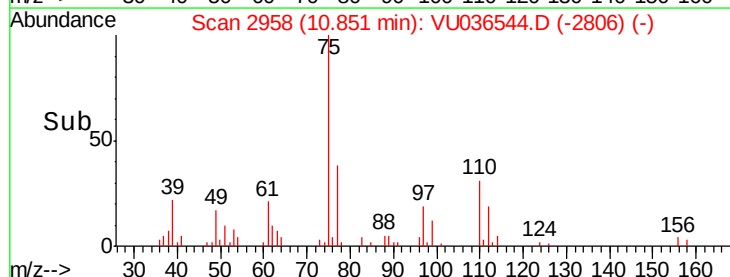
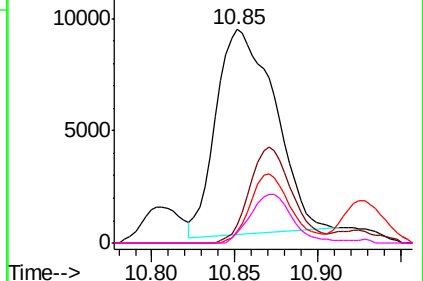
Abundance

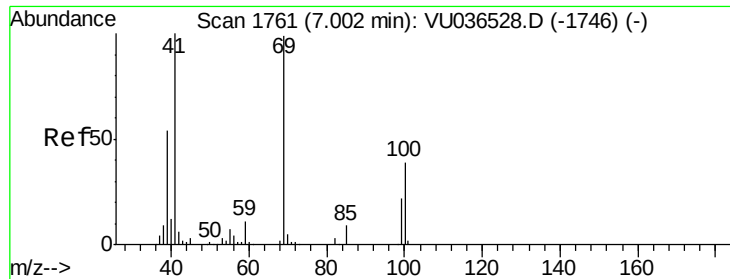
Ion 74.90 (74.60 to 75.60): VU036528.D (-2960) (-)

Ion 53.00 (52.70 to 53.70): VU036528.D (-2960) (-)

Ion 88.80 (88.50 to 89.50): VU036528.D (-2960) (-)

Ion 87.80 (87.50 to 88.50): VU036528.D (-2960) (-)

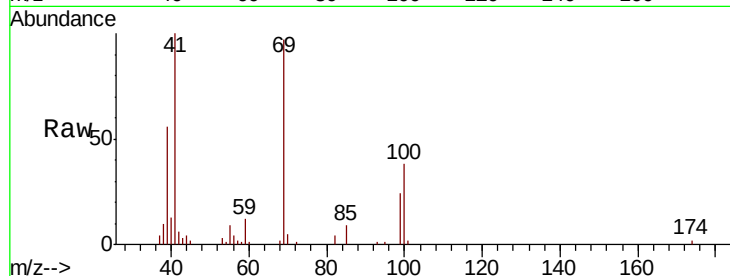




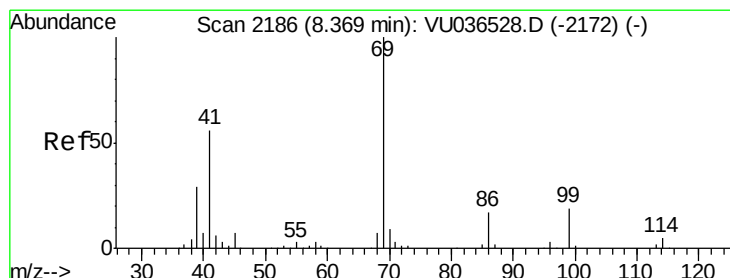
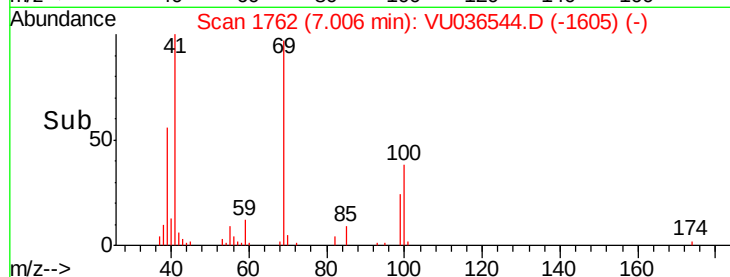
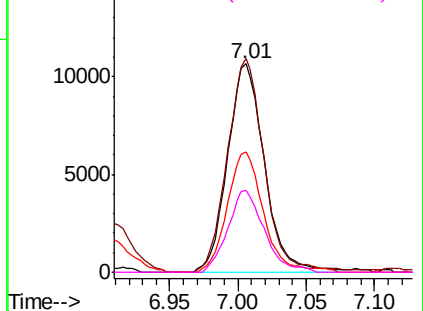
#47
Methyl methacrylate
Concen: 4.069 ug/l
RT: 7.01 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VU036544.D
Acq: 23 Jan 2020 17:29

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 69 Resp: 20003
Ion Ratio Lower Upper
69 100
41 101.2 0.0 200.8
39 56.9 43.5 65.3
100 38.7 31.1 46.7

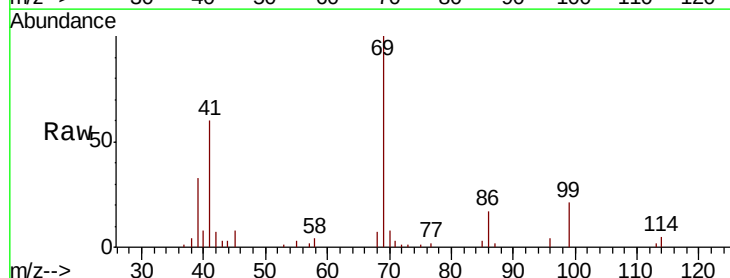


Abundance Ion 69.00 (68.70 to 69.70): VU0
Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 100.00 (99.70 to 100.70): VU0

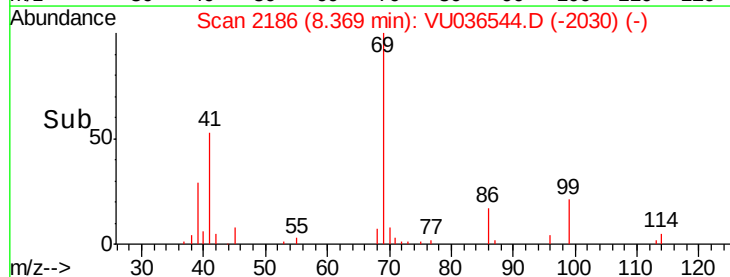
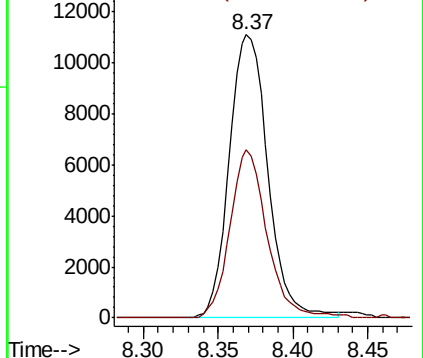


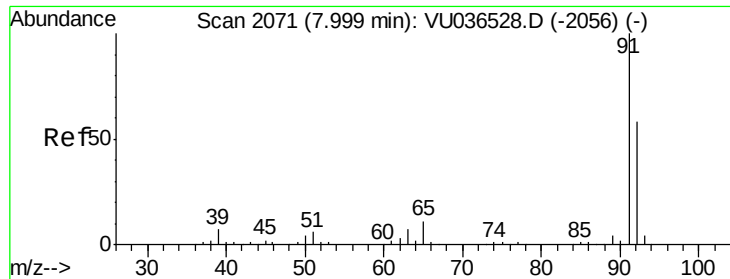
#48
Ethyl methacrylate
Concen: 2.104 ug/l
RT: 8.37 min Scan# 2186
Delta R.T. 0.00 min
Lab File: VU036544.D
Acq: 23 Jan 2020 17:29

Tgt Ion: 69 Resp: 19980
Ion Ratio Lower Upper
69 100
41 56.9 27.9 83.6



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





#49

Toluene

Concen: 2.092 ug/l

RT: 8.00 min Scan# 2071

Delta R.T. 0.00 min

Lab File: VU036544.D

Acq: 23 Jan 2020 17:29

Instrument :

MSVOA_U

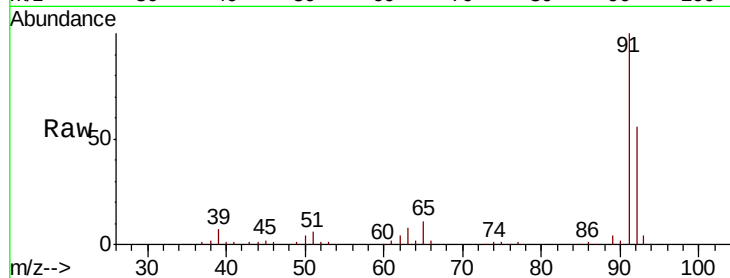
ClientSampleId :

Tot Ion: 92 Resp: 51047

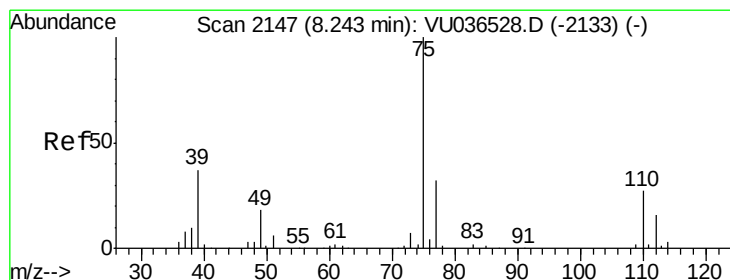
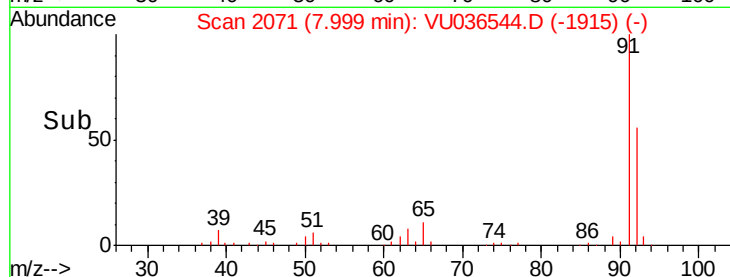
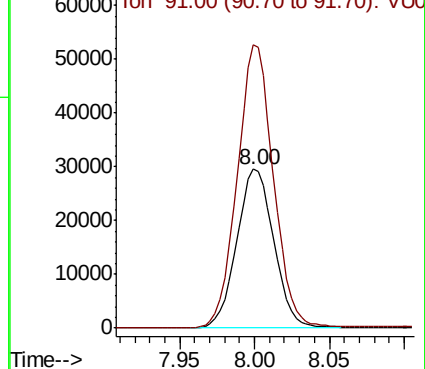
Ion Ratio Lower Upper

92 100

91 174.9 139.1 208.7



Abundance Ion 92.00 (91.70 to 92.70): VU036528.D (-2056) (-)



#50

t-1,3-Dichloropropene

Concen: 2.080 ug/l

RT: 8.24 min Scan# 2147

Delta R.T. 0.00 min

Lab File: VU036544.D

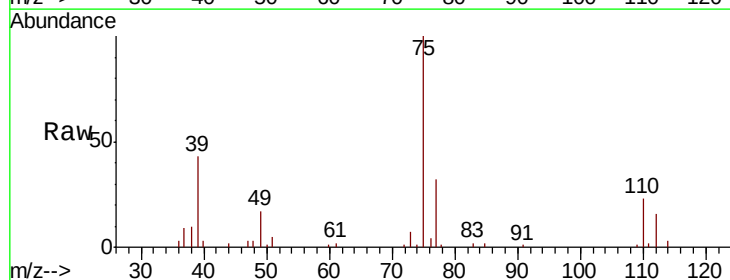
Acq: 23 Jan 2020 17:29

Tgt Ion: 75 Resp: 24593

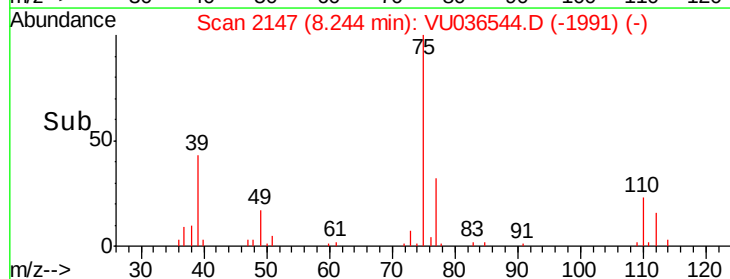
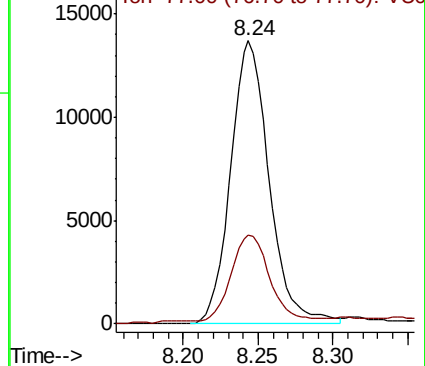
Ion Ratio Lower Upper

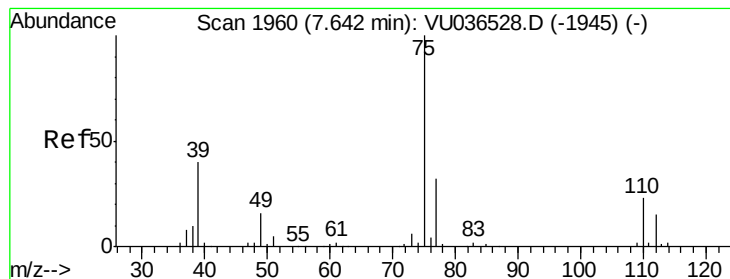
75 100

77 30.5 25.4 38.2



Abundance Ion 75.00 (74.70 to 75.70): VU036528.D (-2133) (-)



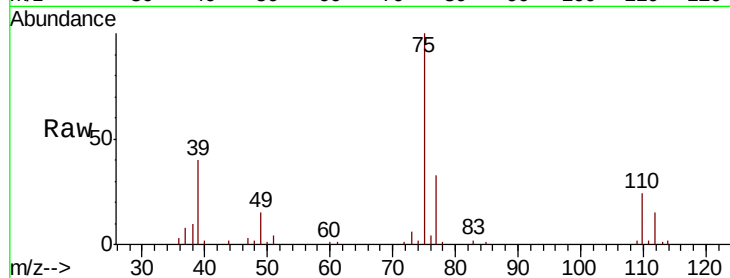


#51

cis-1,3-Dichloropropene
Concen: 2.079 ug/l
RT: 7.64 min Scan# 1960
Delta R.T. 0.00 min
Lab File: VU036544.D
Acq: 23 Jan 2020 17:29

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion	75	Resp	29794
Ion	Ratio	Lower	Upper
75	100		
77	33.3	25.3	37.9
39	39.7	31.8	47.6

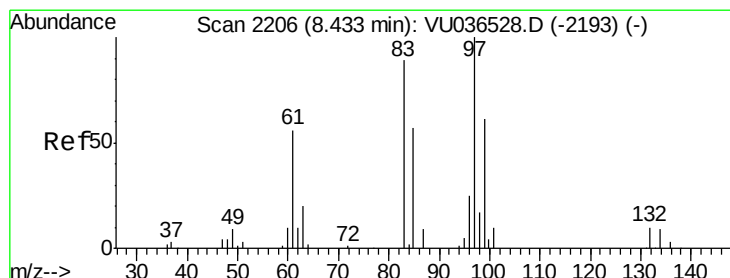
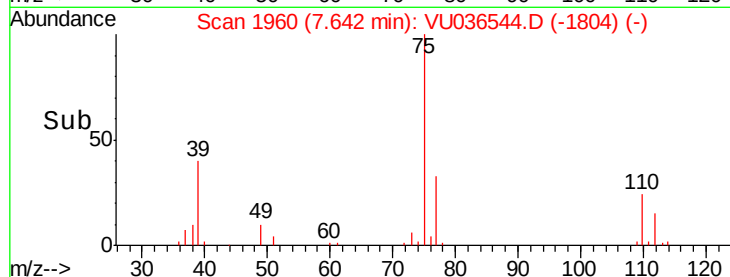
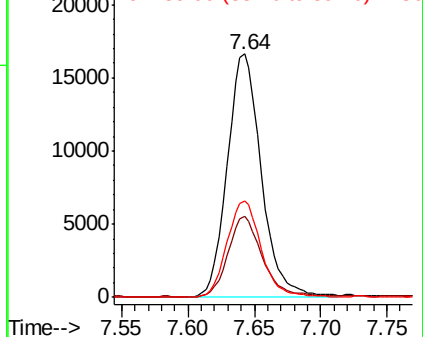


Abundance

Ion 75.00 (74.70 to 75.70): VU036528.D (-1945) (-)

Ion 77.00 (76.70 to 77.70): VU036528.D (-1945) (-)

Ion 39.00 (38.70 to 39.70): VU036528.D (-1945) (-)



#52

1,1,2-Trichloroethane
Concen: 2.242 ug/l
RT: 8.43 min Scan# 2206
Delta R.T. 0.00 min
Lab File: VU036544.D
Acq: 23 Jan 2020 17:29

Tgt Ion	97	Resp	15960
Ion	Ratio	Lower	Upper
97	100		
83	83.0	70.9	106.3
85	55.3	45.6	68.4
99	61.0	51.0	76.4

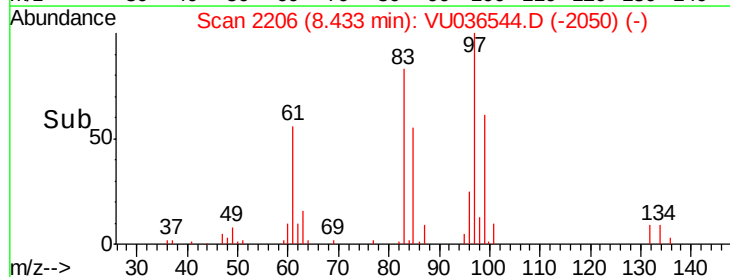
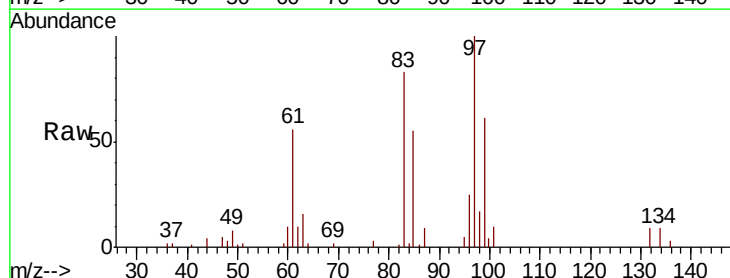
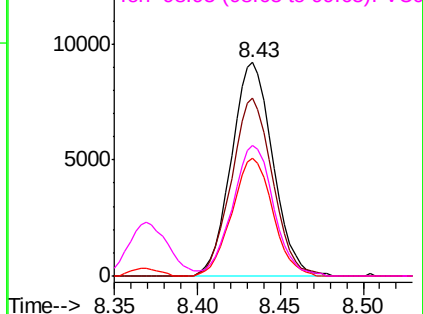
Abundance

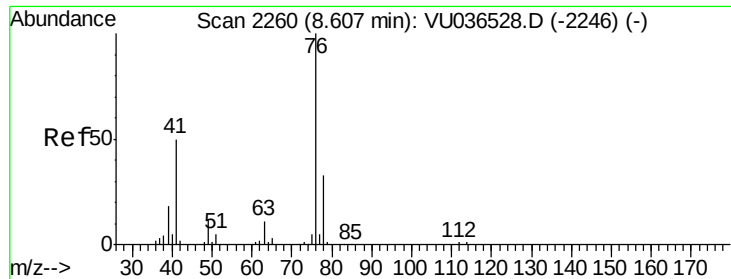
Ion 97.00 (96.70 to 97.70): VU036528.D (-2193) (-)

Ion 82.95 (82.65 to 83.65): VU036528.D (-2193) (-)

Ion 84.95 (84.65 to 85.65): VU036528.D (-2193) (-)

Ion 98.95 (98.65 to 99.65): VU036528.D (-2193) (-)





#53

1,3-Dichloropropane

Concen: 2.132 ug/l

RT: 8.61 min Scan# 2260

Delta R.T. 0.00 min

Lab File: VU036544.D

Acq: 23 Jan 2020 17:29

Instrument :

MSVOA_U

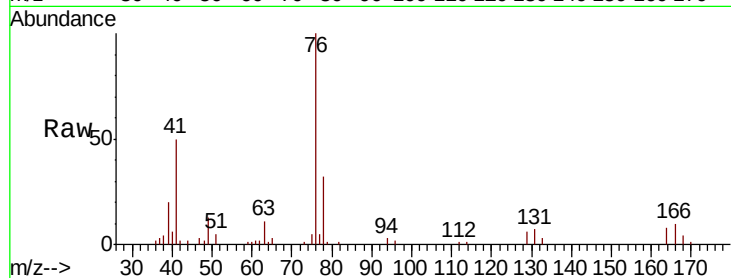
ClientSampleId :

Tot Ion: 76 Resp: 26014

Ion Ratio Lower Upper

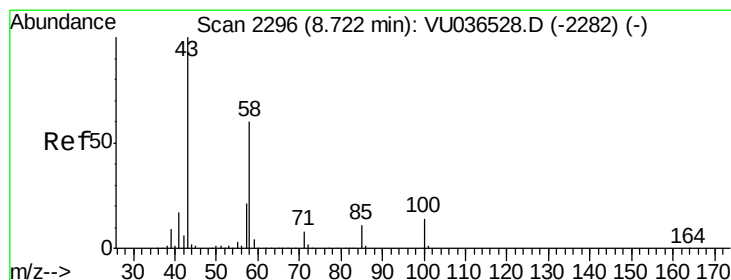
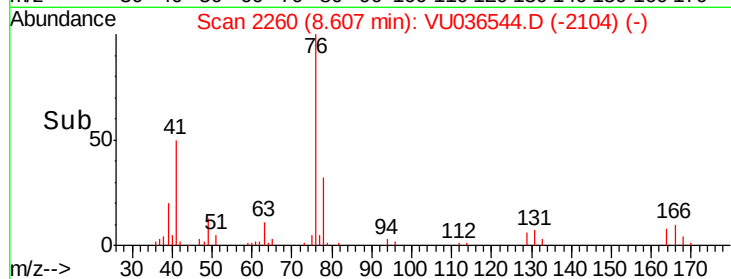
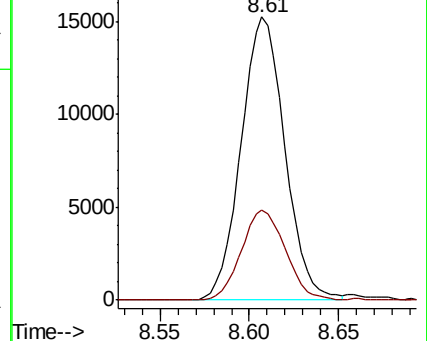
76 100

78 32.0 25.4 38.2



Abundance Ion 76.00 (75.70 to 76.70): VU036528.D (-2246) (-)

Ion 78.00 (77.70 to 78.70): VU036528.D (-2246) (-)



#54

2-Hexanone

Concen: 10.293 ug/l

RT: 8.73 min Scan# 2297

Delta R.T. 0.00 min

Lab File: VU036544.D

Acq: 23 Jan 2020 17:29

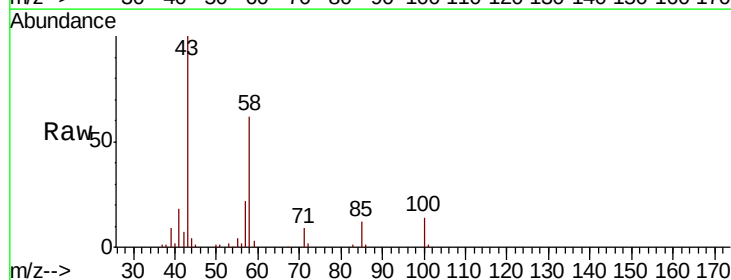
Tgt Ion: 43 Resp: 40802

Ion Ratio Lower Upper

43 100

58 63.1 40.6 80.6

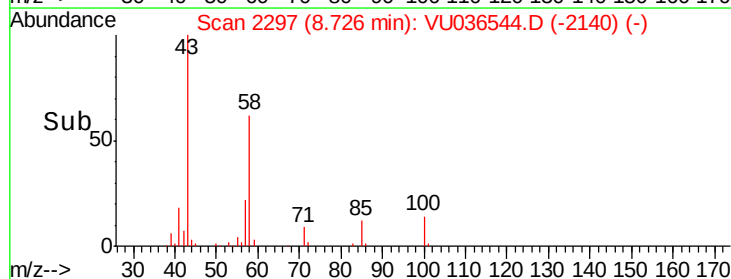
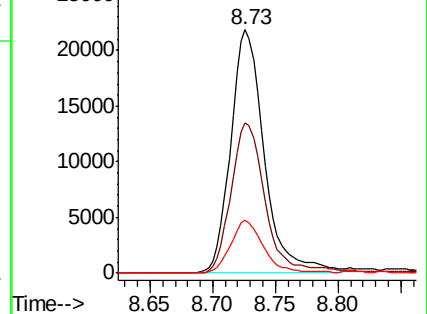
57 21.4 1.2 41.2

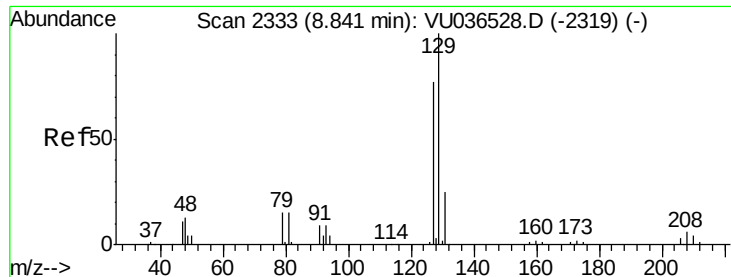


Abundance Ion 43.00 (42.70 to 43.70): VU036528.D (-2282) (-)

Ion 58.00 (57.70 to 58.70): VU036528.D (-2282) (-)

Ion 57.00 (56.70 to 57.70): VU036528.D (-2282) (-)





#55

Dibromochloromethane

Concen: 2.110 ug/l

RT: 8.84 min Scan# 2333

Delta R.T. 0.00 min

Lab File: VU036544.D

Acq: 23 Jan 2020 17:29

Instrument :

MSVOA_U

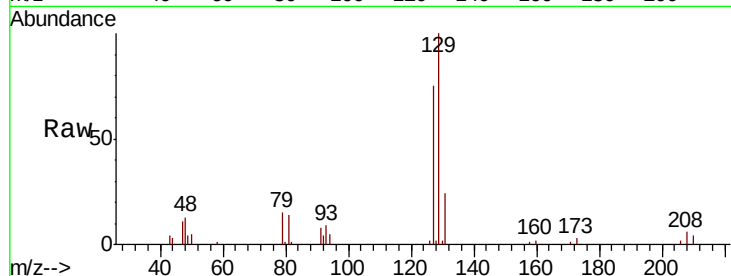
ClientSampled :

Tot Ion:129 Resp: 17291

Ion Ratio Lower Upper

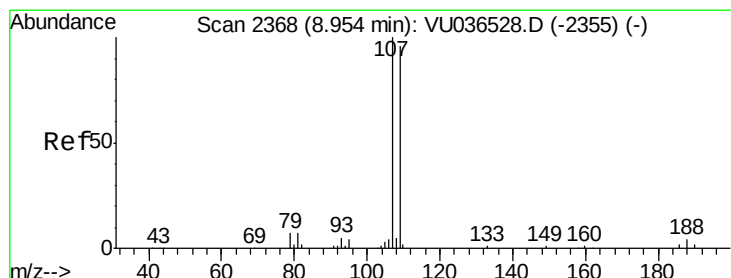
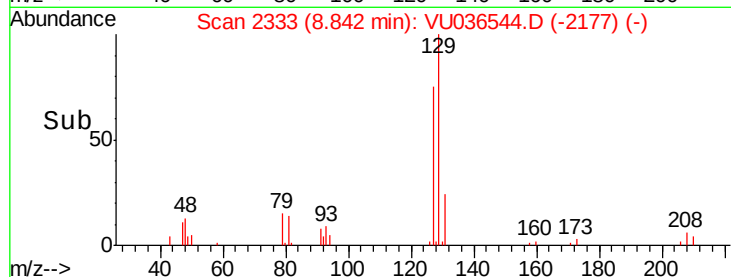
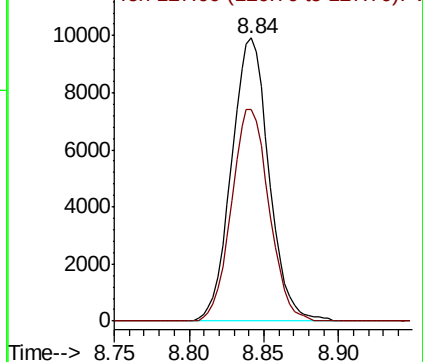
129 100

127 75.0 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: 2.130 ug/l

RT: 8.96 min Scan# 2369

Delta R.T. 0.00 min

Lab File: VU036544.D

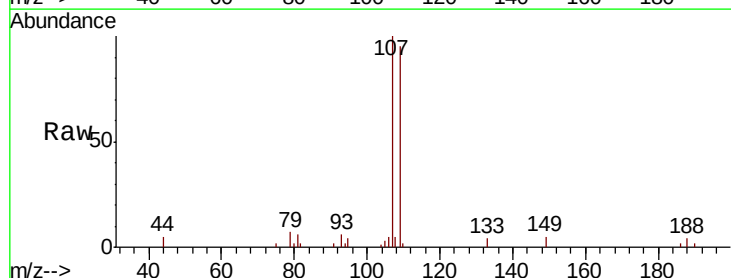
Acq: 23 Jan 2020 17:29

Tgt Ion:107 Resp: 14599

Ion Ratio Lower Upper

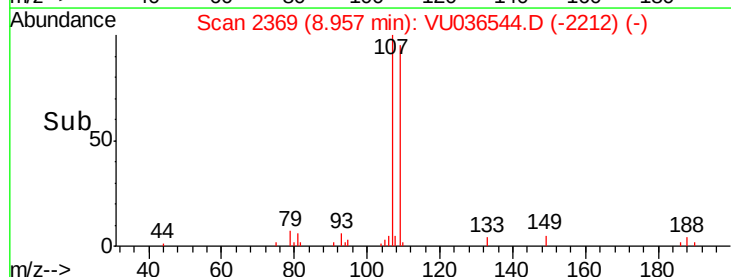
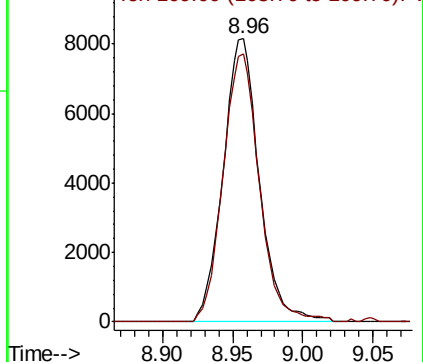
107 100

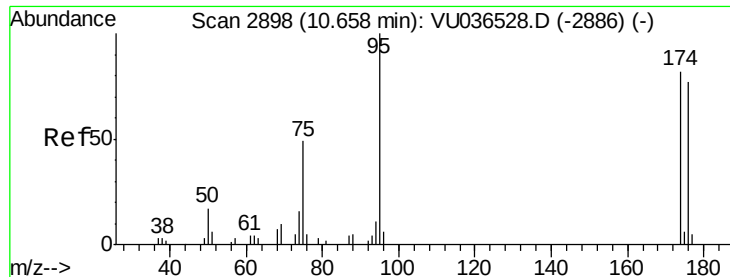
109 95.0 0.0 190.8



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

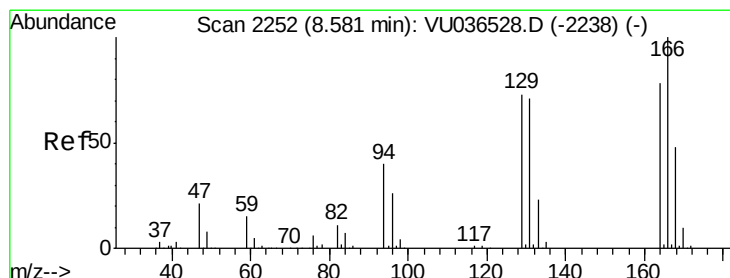
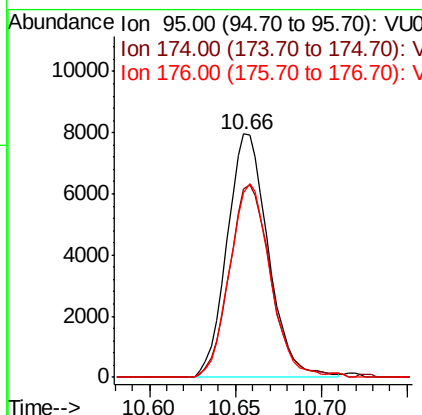
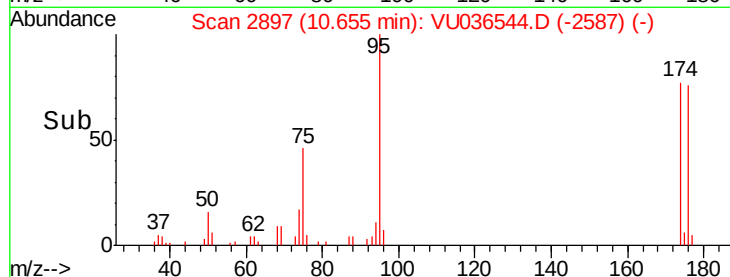
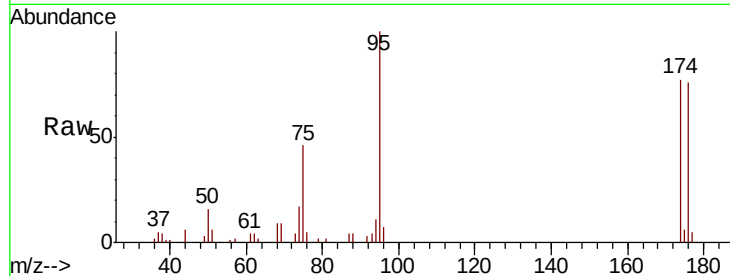




#57
4-Bromofluorobenzene
Concen: 1.016 ug/l
RT: 10.66 min Scan# 2897
Delta R.T. -0.00 min
Lab File: VU036544.D
Acq: 23 Jan 2020 17:29

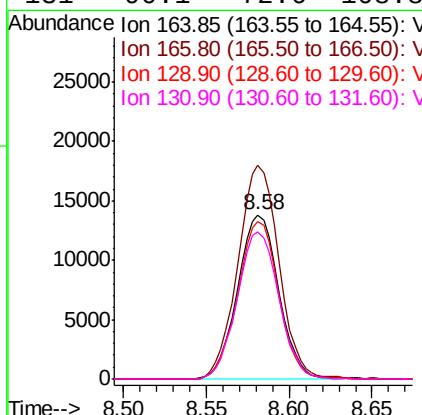
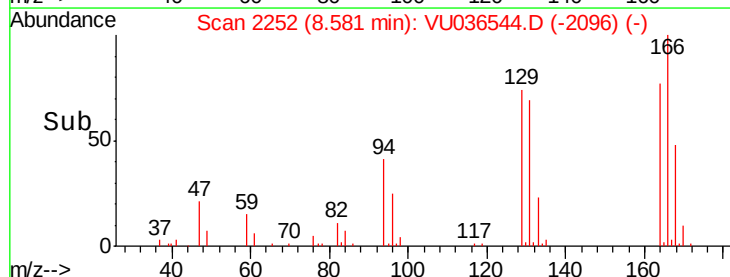
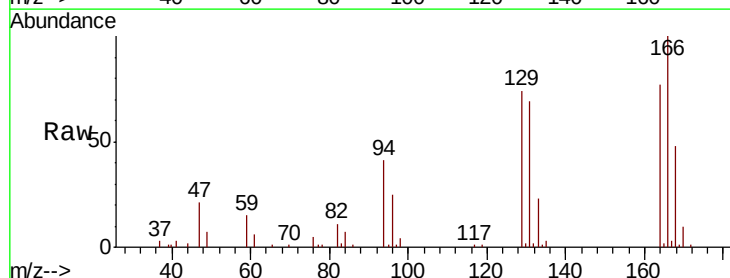
Instrument :
MSVOA_U
ClientSampled :

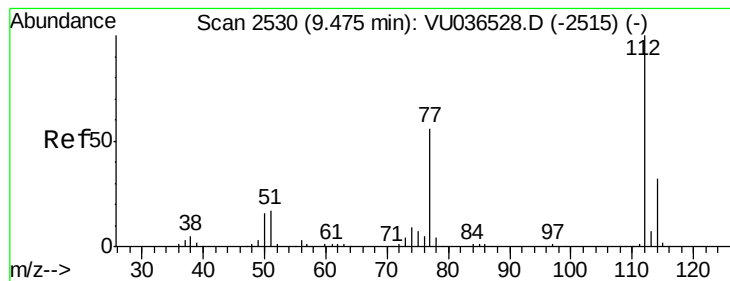
Tot Ion: 95 Resp: 13231
Ion Ratio Lower Upper
95 100
174 79.9 64.7 97.1
176 78.3 60.6 91.0



#58
Tetrachloroethene
Concen: 2.255 ug/l
RT: 8.58 min Scan# 2252
Delta R.T. 0.00 min
Lab File: VU036544.D
Acq: 23 Jan 2020 17:29

Tgt Ion:164 Resp: 23787
Ion Ratio Lower Upper
164 100
166 130.3 102.0 153.0
129 95.8 74.9 112.3
131 90.1 72.6 108.8





#59

Chlorobenzene

Concen: 2.114 ug/l

RT: 9.48 min Scan# 2530

Delta R.T. 0.00 min

Lab File: VU036544.D

Acq: 23 Jan 2020 17:29

Instrument :

MSVOA_U

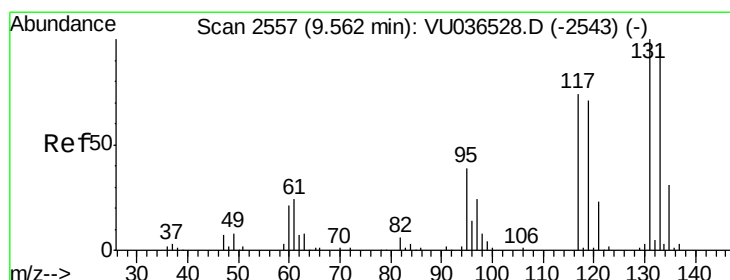
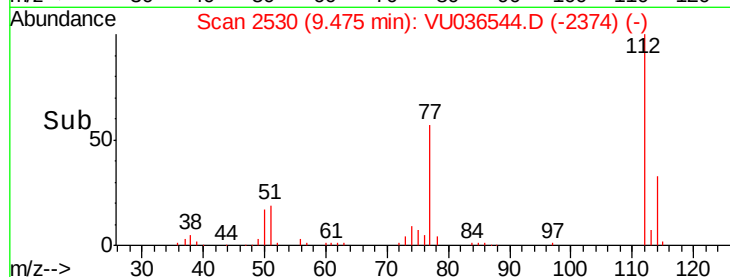
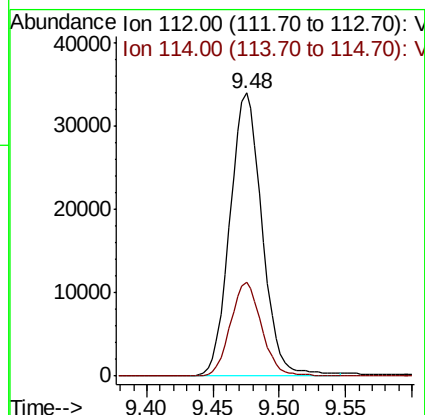
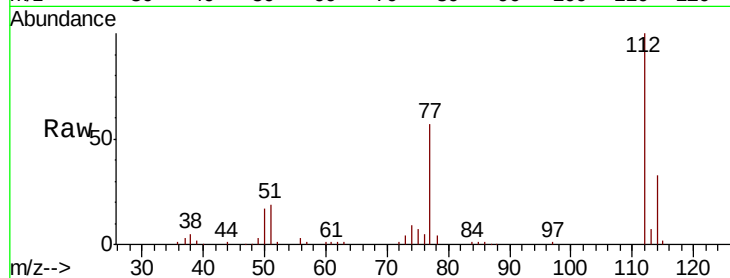
ClientSampleId :

Tot Ion:112 Resp: 57468

Ion Ratio Lower Upper

112 100

114 33.1 25.8 38.8



#60

1,1,1,2-Tetrachloroethane

Concen: 2.057 ug/l

RT: 9.56 min Scan# 2557

Delta R.T. 0.00 min

Lab File: VU036544.D

Acq: 23 Jan 2020 17:29

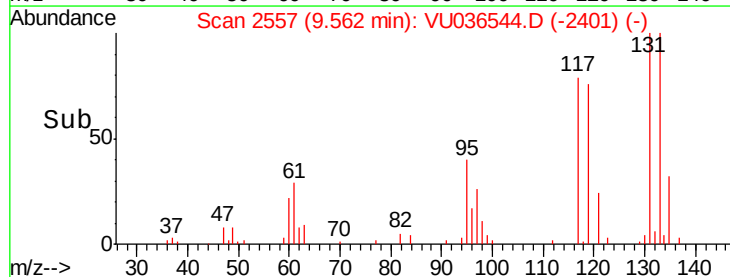
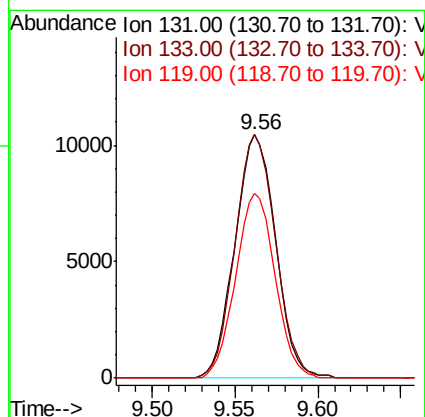
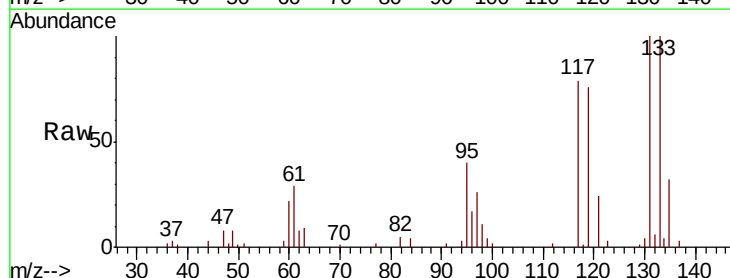
Tgt Ion:131 Resp: 17856

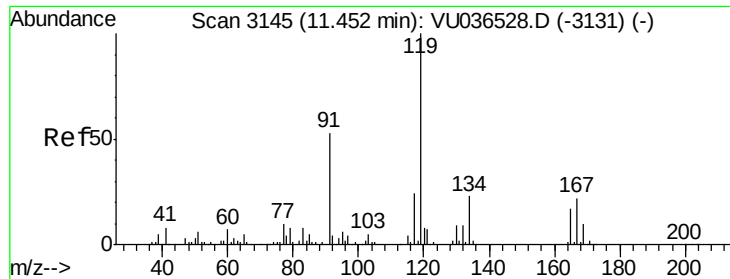
Ion Ratio Lower Upper

131 100

133 99.5 76.4 114.6

119 73.5 56.6 85.0

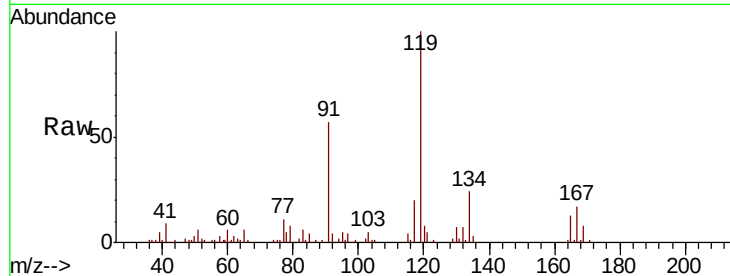




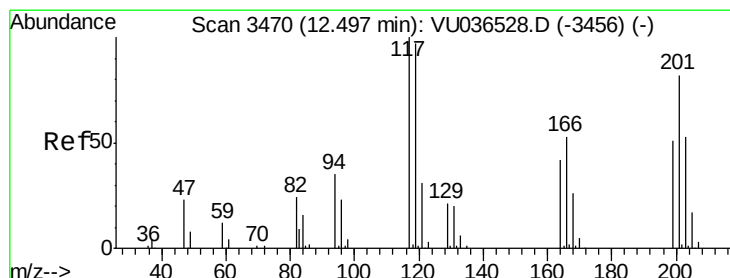
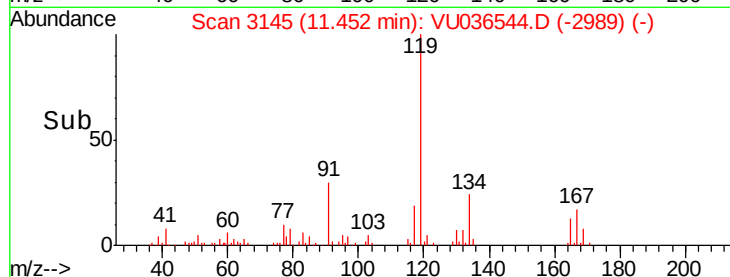
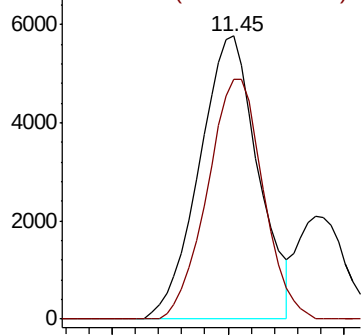
#61
 Pentachloroethane
 Concen: 1.814 ug/l
 RT: 11.45 min Scan# 3145
 Delta R.T. 0.00 min
 Lab File: VU036544.D
 Acq: 23 Jan 2020 17:29

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:117 Resp: 10161
 Ion Ratio Lower Upper
 117 100
 167 80.3 66.7 100.1

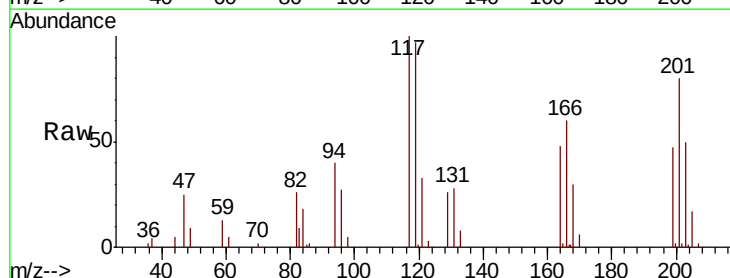


Abundance Ion 116.80 (116.50 to 117.50): V
 Ion 166.70 (166.40 to 167.40): V

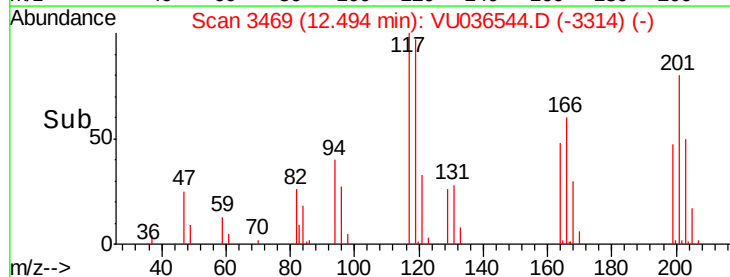
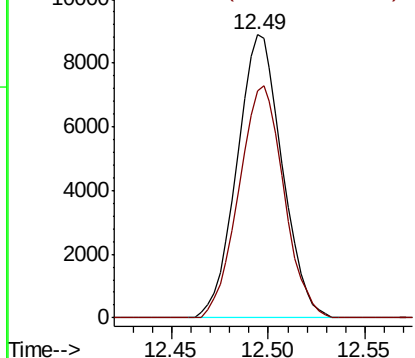


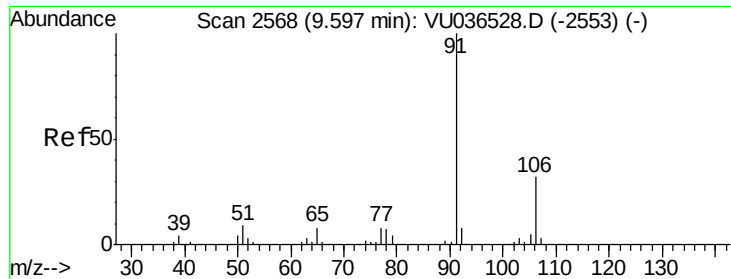
#62
 Hexachloroethane
 Concen: 2.019 ug/l
 RT: 12.49 min Scan# 3469
 Delta R.T. -0.00 min
 Lab File: VU036544.D
 Acq: 23 Jan 2020 17:29

Tgt Ion:117 Resp: 14414
 Ion Ratio Lower Upper
 117 100
 201 81.9 65.0 97.4



Abundance Ion 116.80 (116.50 to 117.50): V
 Ion 200.60 (200.30 to 201.30): V

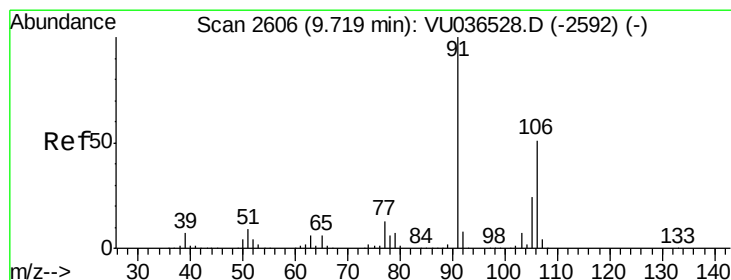
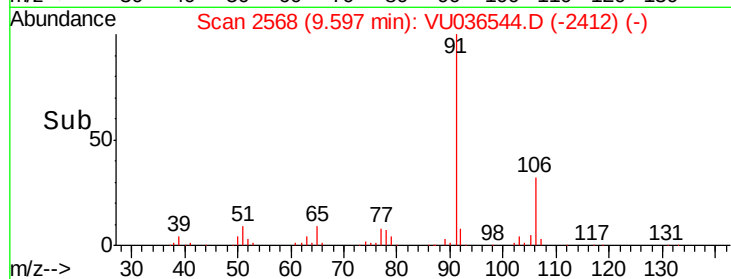
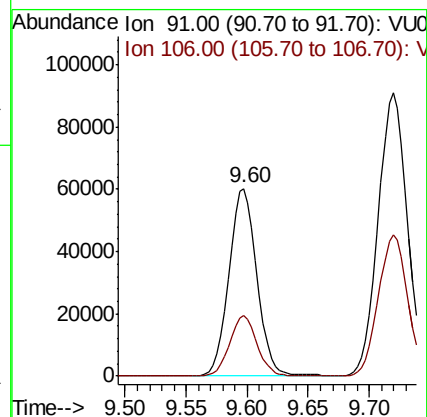
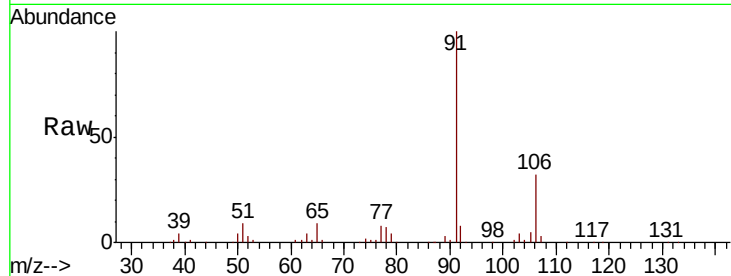




#63
Ethyl Benzene
Concen: 2.137 ug/l
RT: 9.60 min Scan# 2568
Delta R.T. 0.00 min
Lab File: VU036544.D
Acq: 23 Jan 2020 17:29

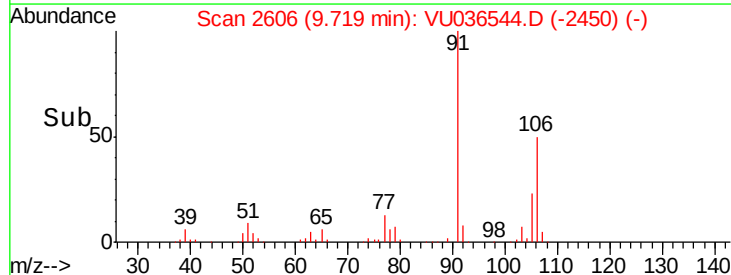
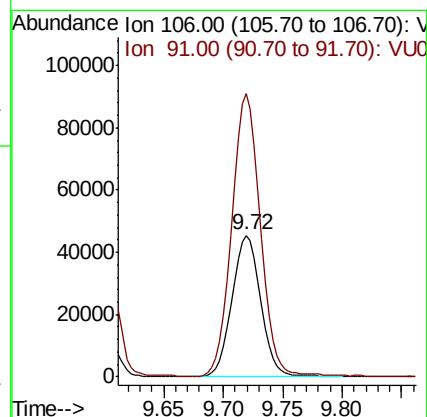
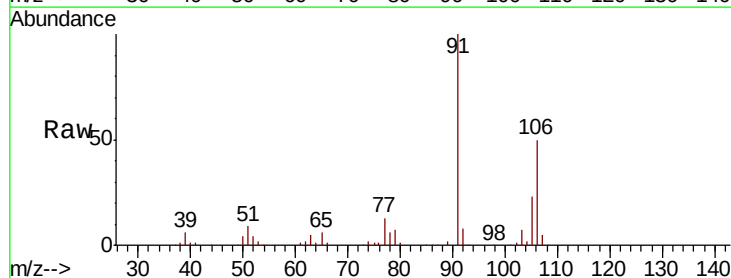
Instrument :
MSVOA_U
ClientSampled :

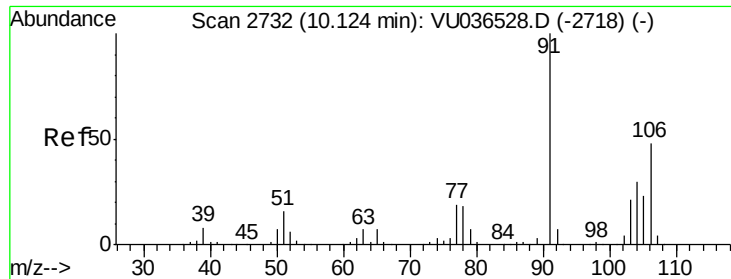
Tot Ion: 91 Resp: 97340
Ion Ratio Lower Upper
91 100
106 32.1 26.0 39.0



#64
m/p-Xylenes
Concen: 4.234 ug/l
RT: 9.72 min Scan# 2606
Delta R.T. 0.00 min
Lab File: VU036544.D
Acq: 23 Jan 2020 17:29

Tgt Ion: 106 Resp: 76342
Ion Ratio Lower Upper
106 100
91 197.2 158.2 237.4





#65

o-Xylene

Concen: 2.126 ug/l

RT: 10.12 min Scan# 2732

Delta R.T. 0.00 min

Lab File: VU036544.D

Acq: 23 Jan 2020 17:29

Instrument :

MSVOA_U

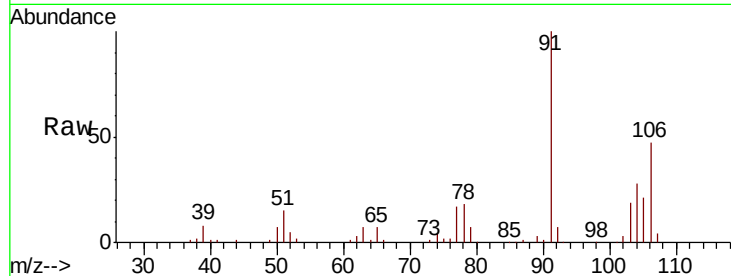
ClientSampleId :

Tot Ion:106 Resp: 37116

Ion Ratio Lower Upper

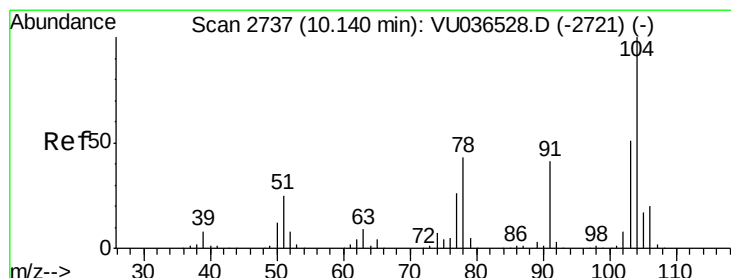
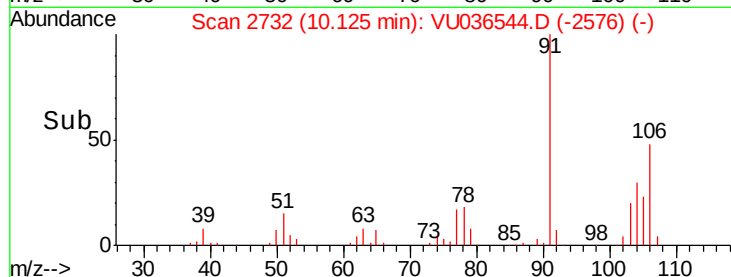
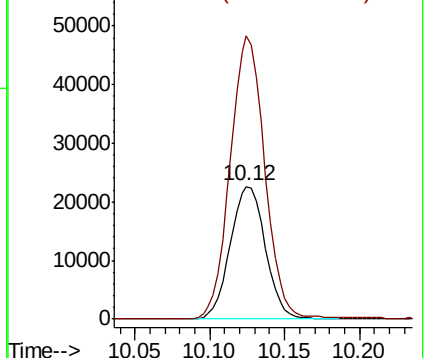
106 100

91 210.0 104.3 312.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#66

Styrene

Concen: 2.088 ug/l

RT: 10.14 min Scan# 2737

Delta R.T. 0.00 min

Lab File: VU036544.D

Acq: 23 Jan 2020 17:29

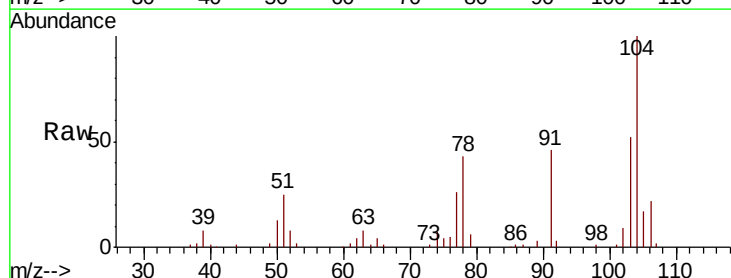
Tgt Ion:104 Resp: 61066

Ion Ratio Lower Upper

104 100

78 48.3 38.6 57.8

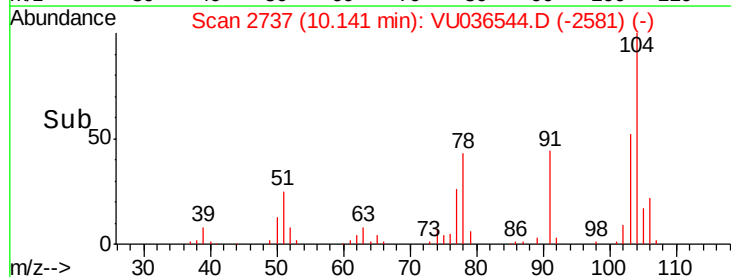
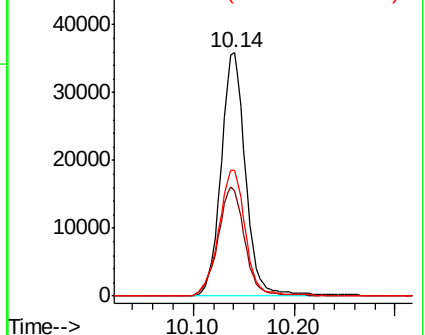
103 55.8 44.4 66.6

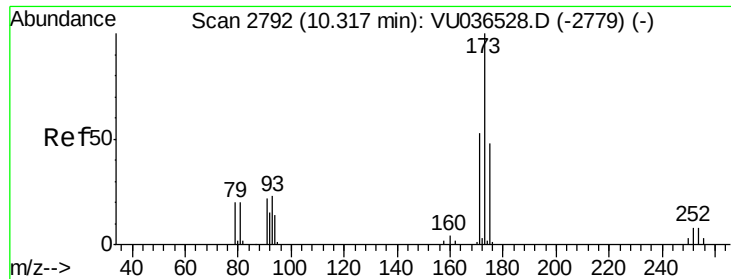


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VU0

Ion 103.00 (102.70 to 103.70): V





#67

Bromoform

Concen: 1.999 ug/l

RT: 10.32 min Scan# 2792

Delta R.T. 0.00 min

Lab File: VU036544.D

Acq: 23 Jan 2020 17:29

Instrument :

MSVOA_U

ClientSampleId :

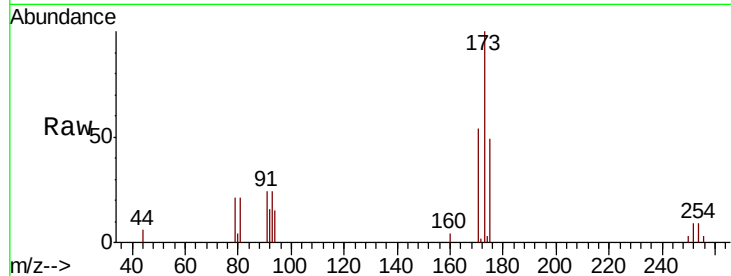
Tot Ion:173 Resp: 9381

Ion Ratio Lower Upper

173 100

175 47.4 38.3 57.5

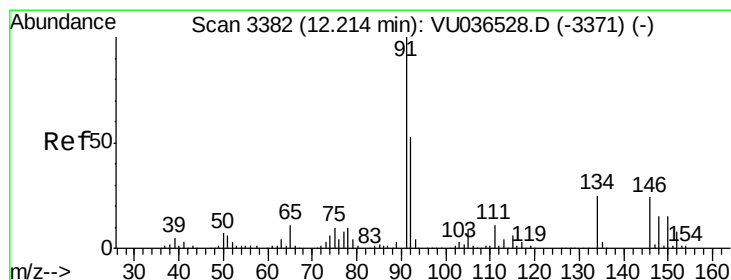
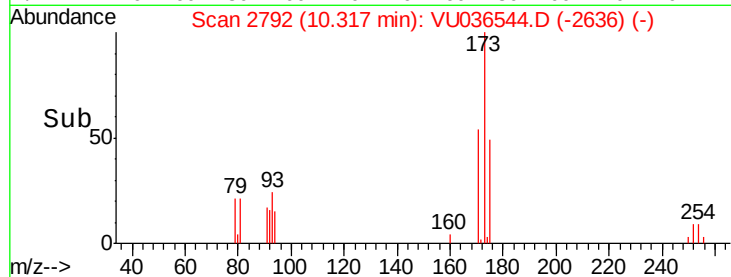
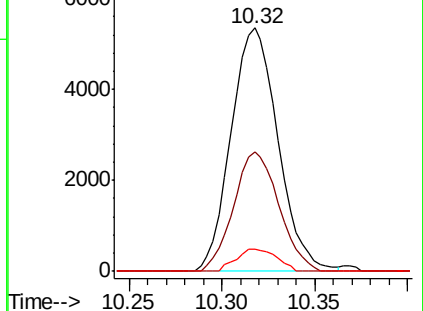
254 7.8 6.6 9.8



Abundance Ion 172.90 (172.60 to 173.60): V

Ion 174.90 (174.60 to 175.60): V

Ion 253.75 (253.45 to 254.45): V



#68

1,2-Dichlorobenzene-d4

Concen: 1.026 ug/l

RT: 12.21 min Scan# 3382

Delta R.T. 0.00 min

Lab File: VU036544.D

Acq: 23 Jan 2020 17:29

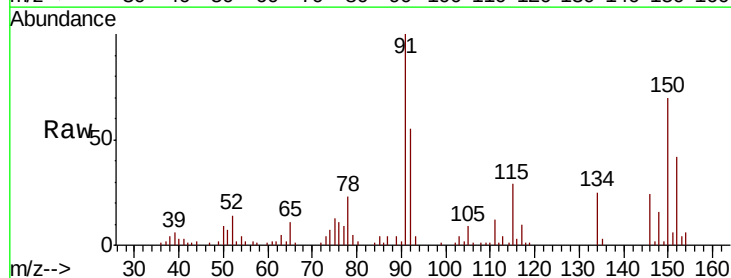
Tgt Ion:152 Resp: 13681

Ion Ratio Lower Upper

152 100

115 74.6 0.0 241.8

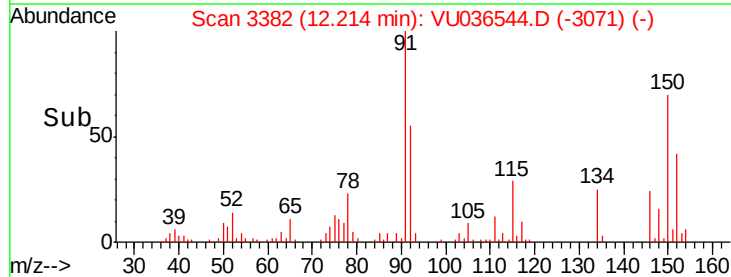
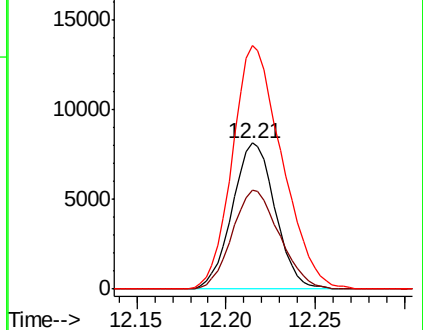
150 192.3 0.0 652.4

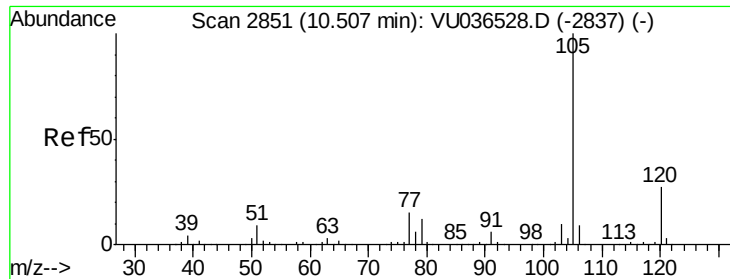


Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V





#69

Isopropylbenzene

Concen: 2.117 ug/l

RT: 10.51 min Scan# 2851

Delta R.T. 0.00 min

Lab File: VU036544.D

Acq: 23 Jan 2020 17:29

Instrument :

MSVOA_U

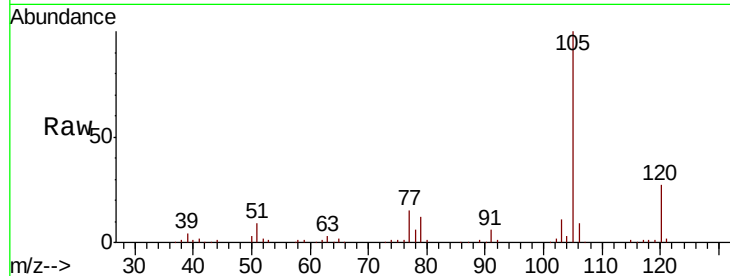
ClientSampleId :

Tot Ion:105 Resp: 97097

Ion Ratio Lower Upper

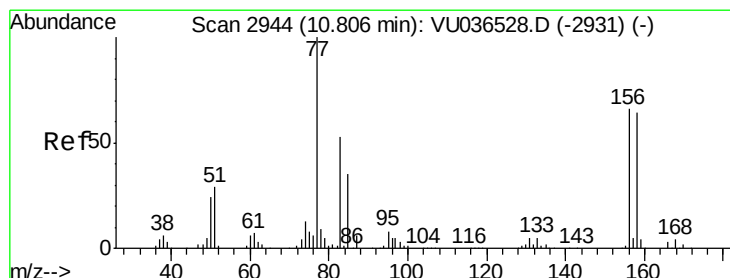
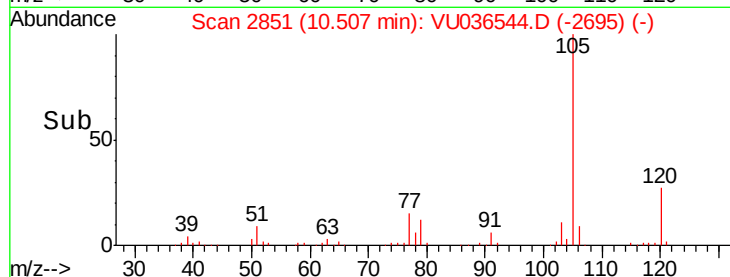
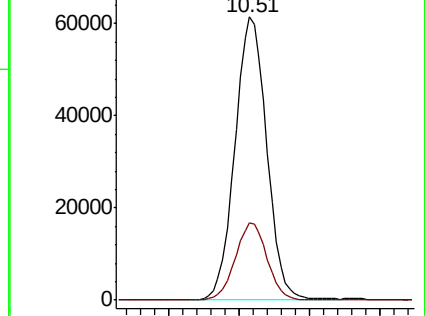
105 100

120 27.1 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#70

1,1,2,2-Tetrachloroethane

Concen: 2.132 ug/l

RT: 10.81 min Scan# 2944

Delta R.T. 0.00 min

Lab File: VU036544.D

Acq: 23 Jan 2020 17:29

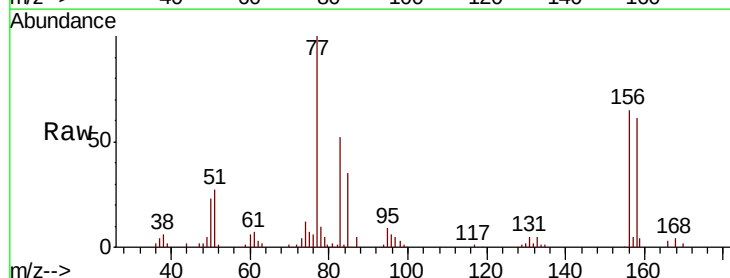
Tgt Ion: 83 Resp: 19143

Ion Ratio Lower Upper

83 100

131 9.6 7.8 11.8

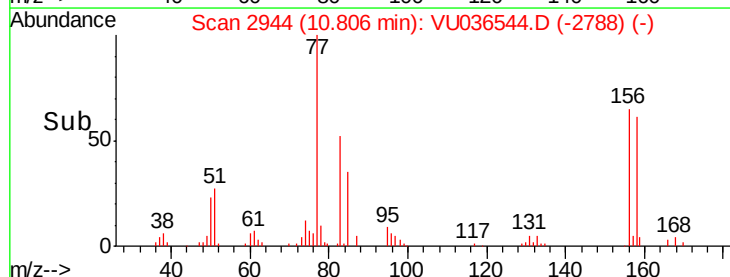
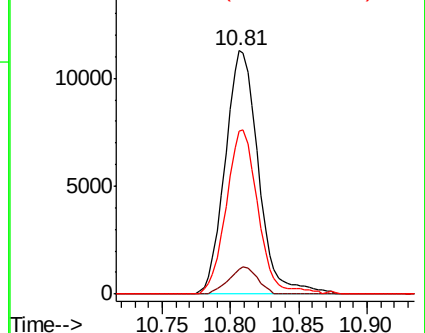
85 64.5 53.2 79.8

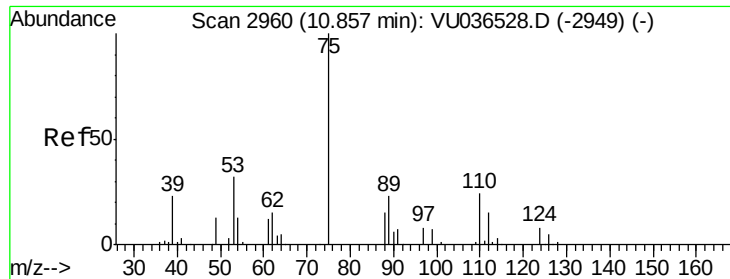


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VU0

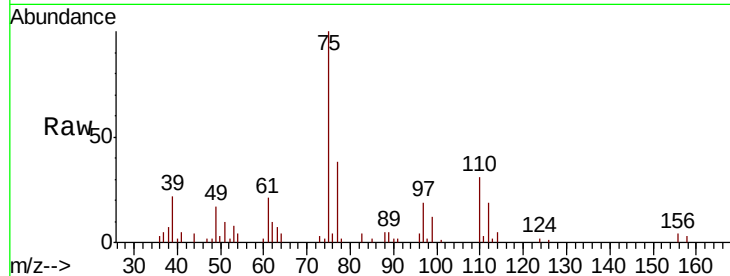




#71
 1,2,3-Trichloropropane
 Concen: 3.534 ug/l
 RT: 10.85 min Scan# 2958
 Delta R.T. -0.01 min
 Lab File: VU036544.D
 Acq: 23 Jan 2020 17:29

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:	75	Resp:	22648
Ion	Ratio	Lower	Upper
75	100		
77	35.5	0.0	129.6
110	22.1	0.0	77.4
97	12.6	0.0	42.0



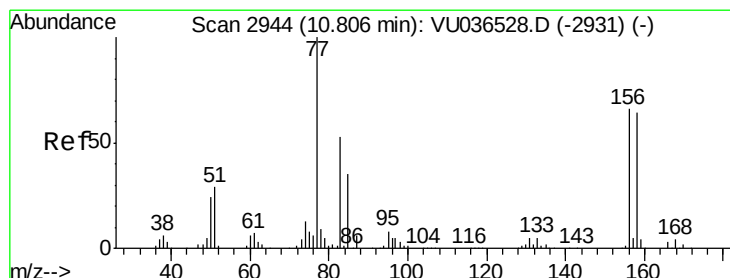
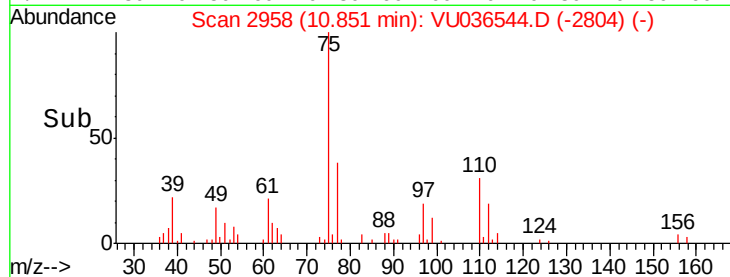
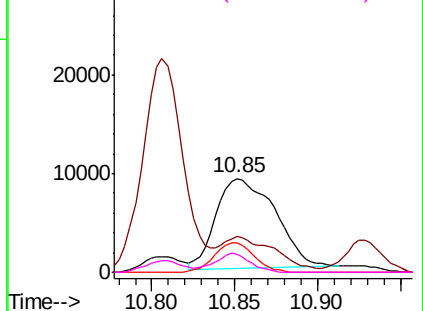
Abundance

Ion 75.00 (74.70 to 75.70): VU036528.D (-2949) (-)

Ion 77.00 (76.70 to 77.70): VU036528.D (-2949) (-)

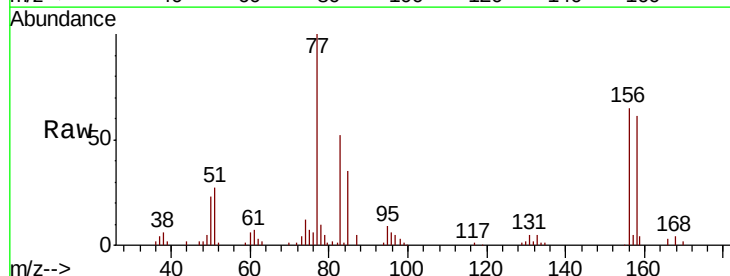
Ion 110.00 (109.70 to 110.70): VU036528.D (-2949) (-)

Ion 97.00 (96.70 to 97.70): VU036528.D (-2949) (-)



#72
 Bromobenzene
 Concen: 2.138 ug/l
 RT: 10.81 min Scan# 2944
 Delta R.T. 0.00 min
 Lab File: VU036544.D
 Acq: 23 Jan 2020 17:29

Tgt Ion:	156	Resp:	23628
Ion	Ratio	Lower	Upper
156	100		
77	154.7	0.0	306.6
158	97.7	0.0	192.0

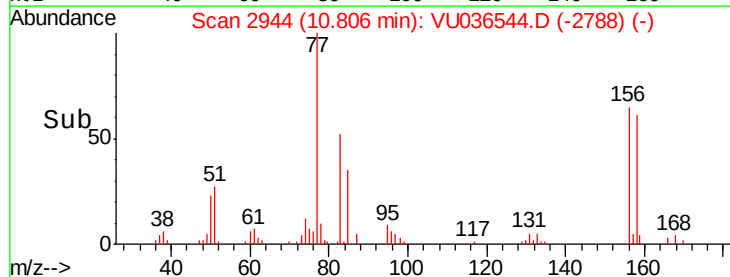
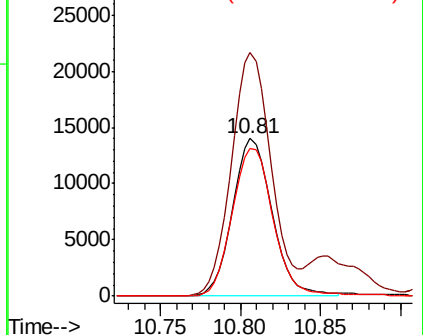


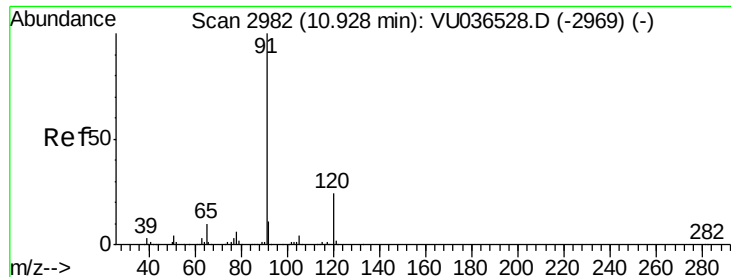
Abundance

Ion 156.00 (155.70 to 156.70): VU036528.D (-2931) (-)

Ion 77.00 (76.70 to 77.70): VU036528.D (-2931) (-)

Ion 158.00 (157.70 to 158.70): VU036528.D (-2931) (-)





#73

n-propylbenzene

Concen: 2.149 ug/l

RT: 10.93 min Scan# 2982

Delta R.T. 0.00 min

Lab File: VU036544.D

Acq: 23 Jan 2020 17:29

Instrument :

MSVOA_U

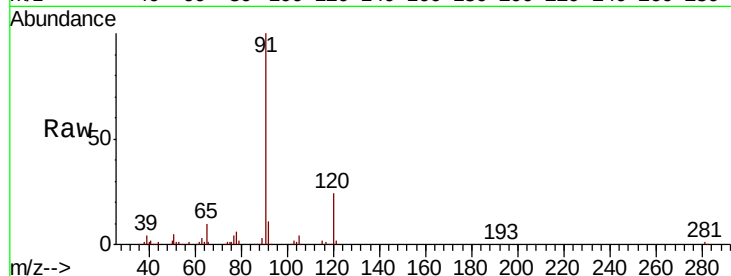
ClientSampleId :

Tot Ion:120 Resp: 27663

Ion Ratio Lower Upper

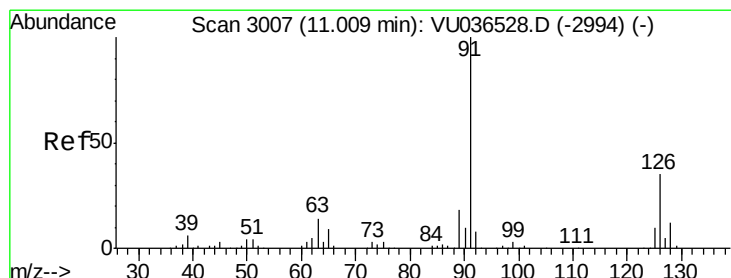
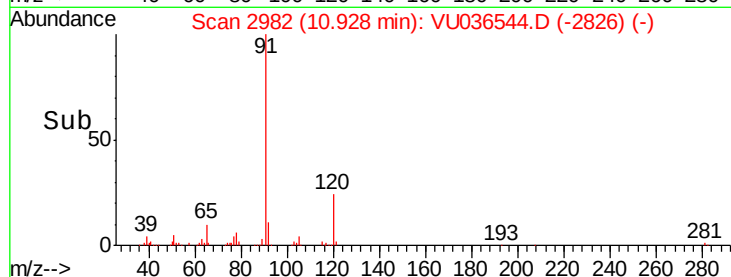
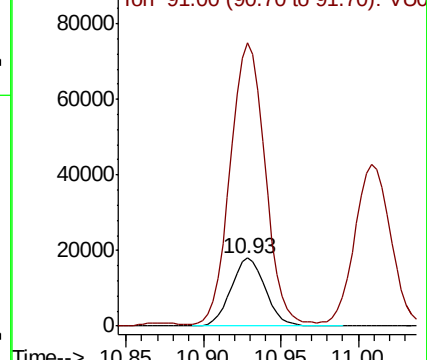
120 100

91 420.7 329.5 494.3



Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0



#74

2-Chlorotoluene

Concen: 2.154 ug/l

RT: 11.01 min Scan# 3007

Delta R.T. 0.00 min

Lab File: VU036544.D

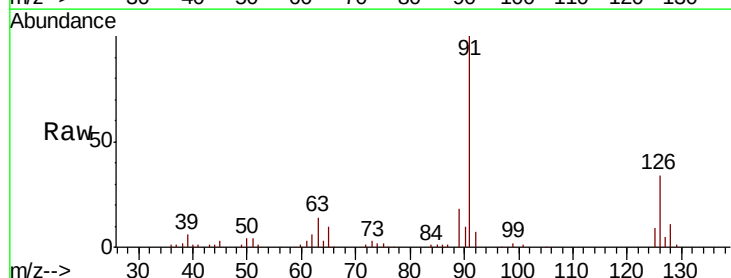
Acq: 23 Jan 2020 17:29

Tgt Ion:126 Resp: 23810

Ion Ratio Lower Upper

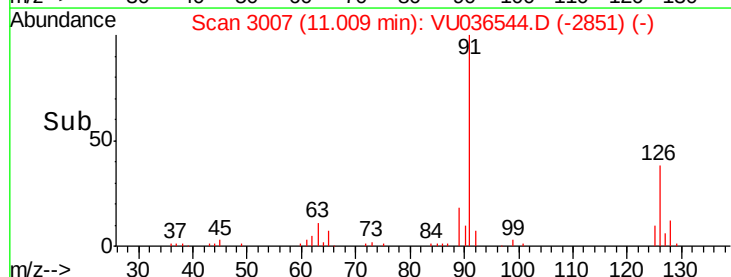
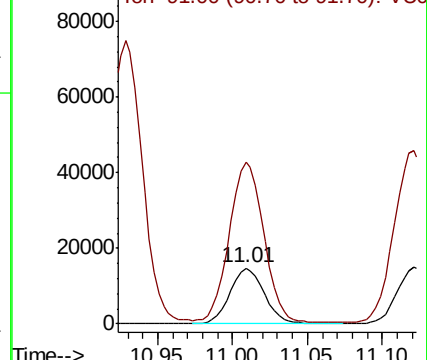
126 100

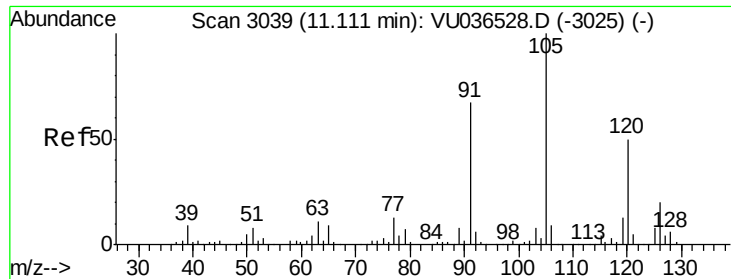
91 283.8 0.0 567.4



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: 2.152 ug/l

RT: 11.11 min Scan# 3039

Delta R.T. 0.00 min

Lab File: VU036544.D

Acq: 23 Jan 2020 17:29

Instrument :

MSVOA_U

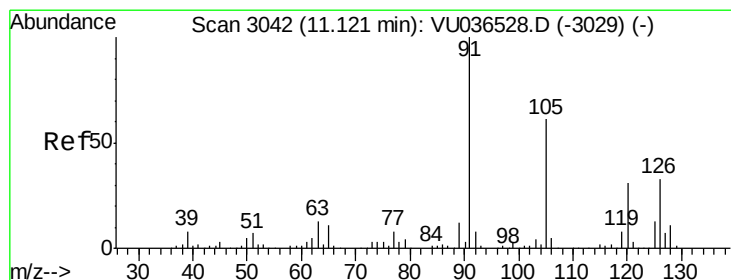
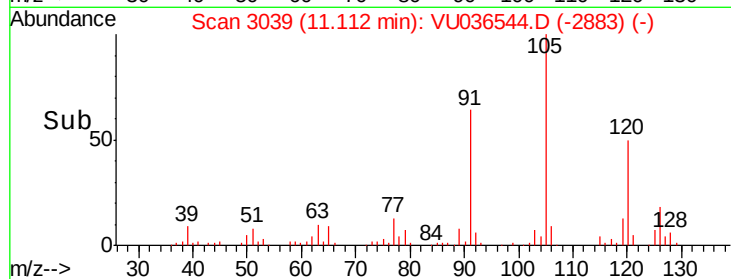
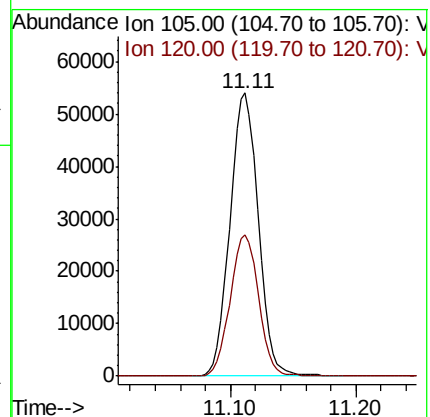
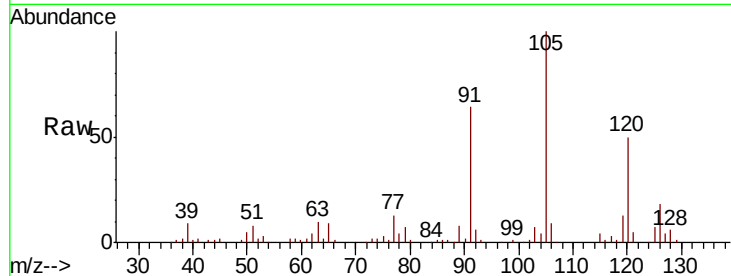
ClientSampleId :

Tot Ion:105 Resp: 84683

Ion Ratio Lower Upper

105 100

120 50.0 39.8 59.8



#76

4-Chlorotoluene

Concen: 2.122 ug/l

RT: 11.12 min Scan# 3042

Delta R.T. 0.00 min

Lab File: VU036544.D

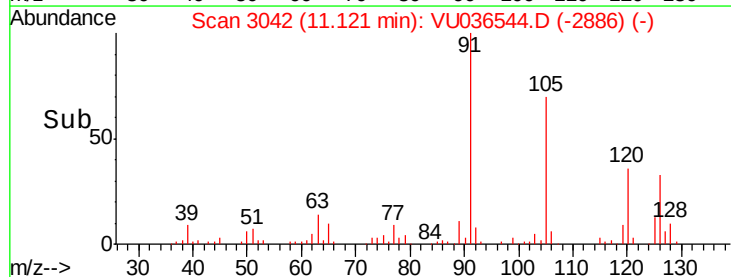
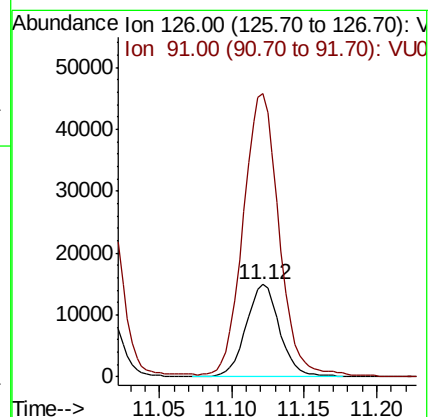
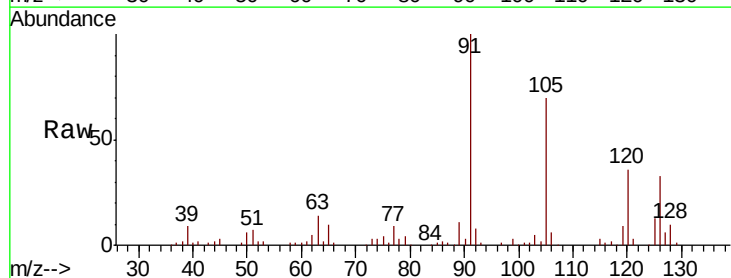
Acq: 23 Jan 2020 17:29

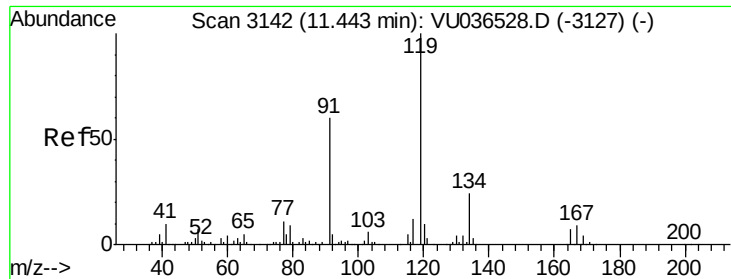
Tgt Ion:126 Resp: 24233

Ion Ratio Lower Upper

126 100

91 327.9 0.0 633.0





#77

tert-Butylbenzene

Concen: 2.102 ug/l

RT: 11.44 min Scan# 3142

Delta R.T. 0.00 min

Lab File: VU036544.D

Acq: 23 Jan 2020 17:29

Instrument :

MSVOA_U

ClientSampleId :

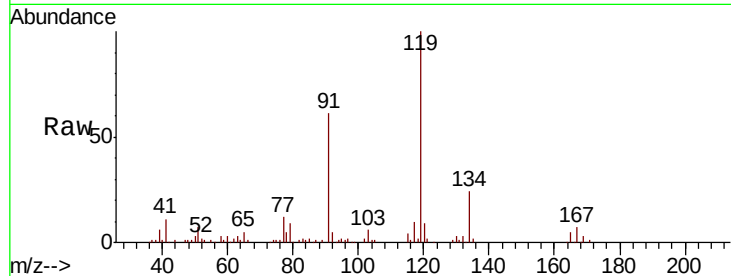
Tot Ion:119 Resp: 78371

Ion Ratio Lower Upper

119 100

91 60.8 29.3 87.8

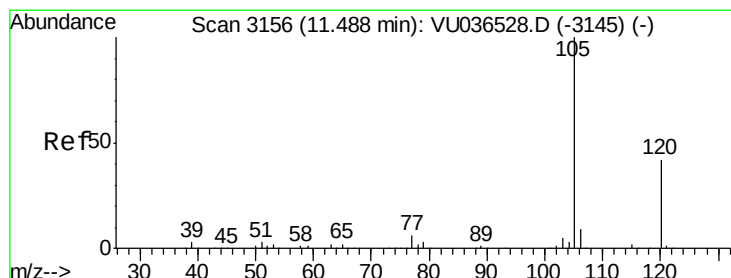
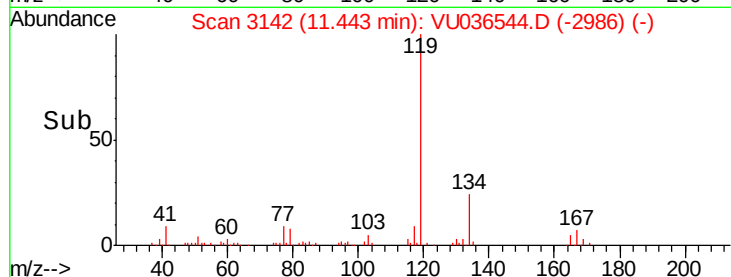
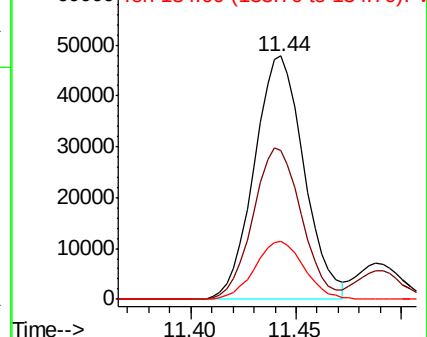
134 23.7 19.0 28.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#78

1,2,4-Trimethylbenzene

Concen: 2.132 ug/l

RT: 11.49 min Scan# 3157

Delta R.T. 0.00 min

Lab File: VU036544.D

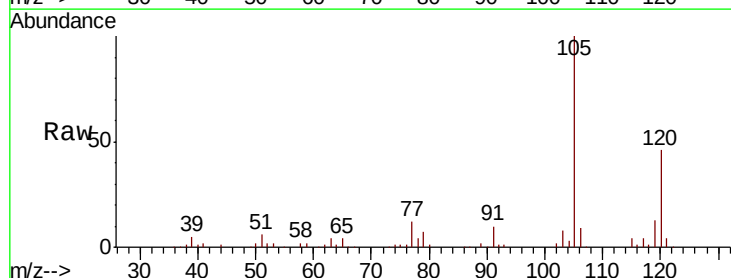
Acq: 23 Jan 2020 17:29

Tgt Ion:105 Resp: 86502

Ion Ratio Lower Upper

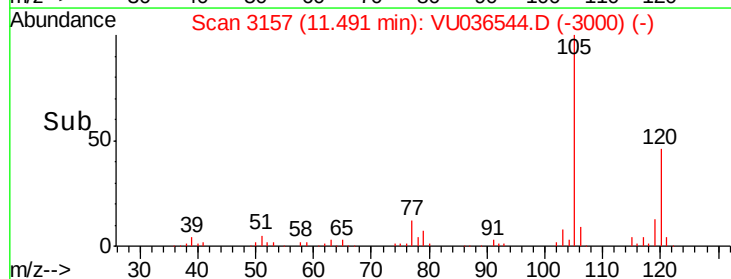
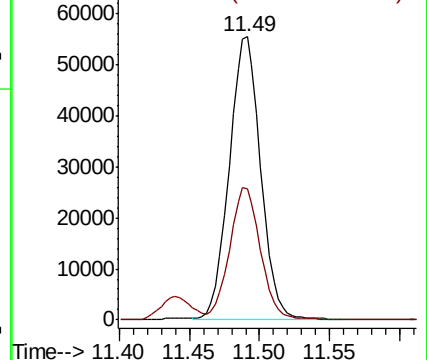
105 100

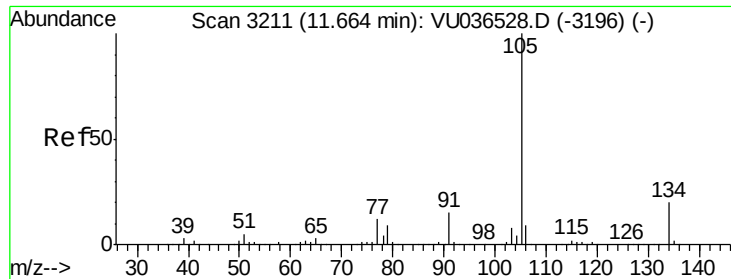
120 46.0 23.3 69.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#79

sec-Butylbenzene

Concen: 2.139 ug/l

RT: 11.66 min Scan# 3211

Delta R.T. 0.00 min

Lab File: VU036544.D

Acq: 23 Jan 2020 17:29

Instrument :

MSVOA_U

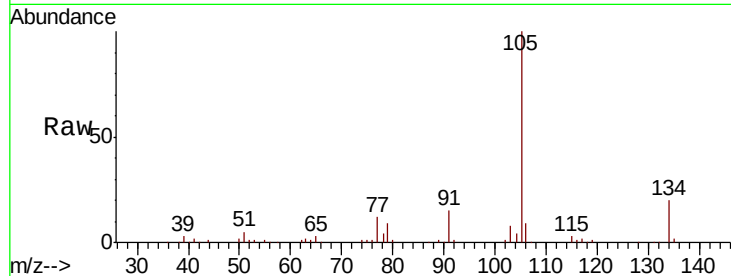
ClientSampled :

Tot Ion:105 Resp: 110653

Ion Ratio Lower Upper

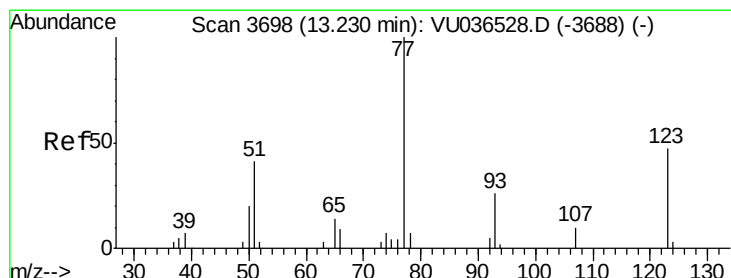
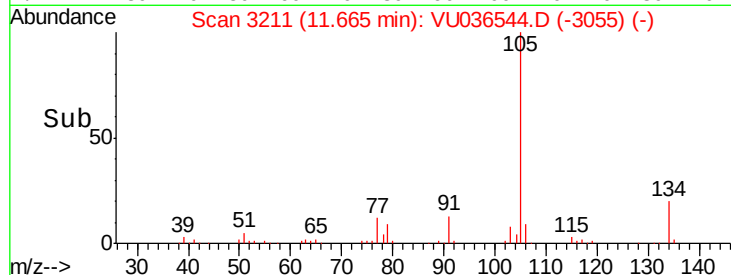
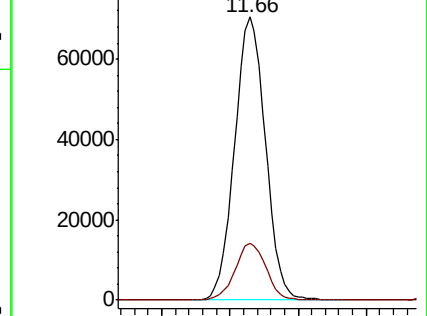
105 100

134 20.2 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: 7.465 ug/l

RT: 13.24 min Scan# 3700

Delta R.T. 0.01 min

Lab File: VU036544.D

Acq: 23 Jan 2020 17:29

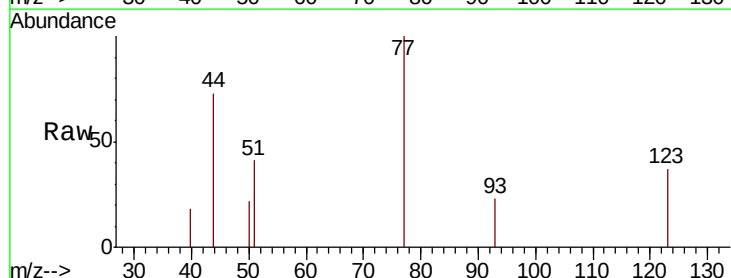
Tgt Ion: 77 Resp: 962

Ion Ratio Lower Upper

77 100

123 40.2 19.6 69.6

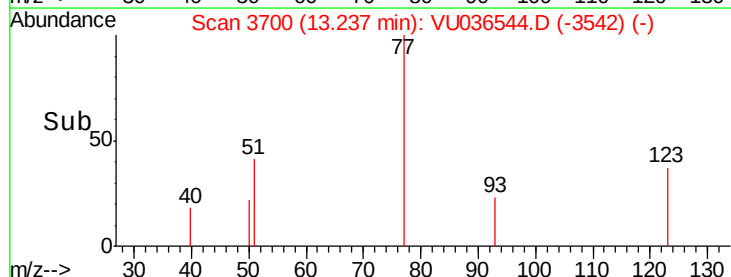
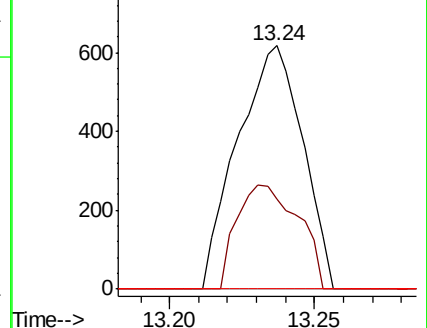
65 0.0 12.7 16.1#

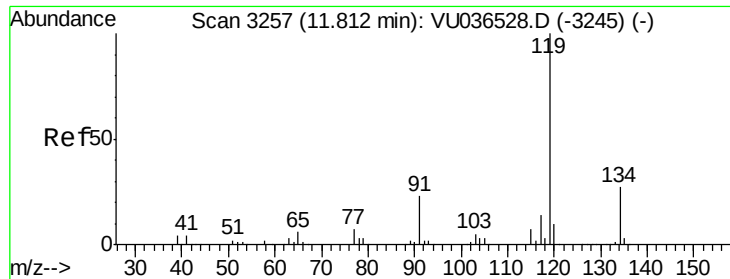


Abundance Ion 77.00 (76.70 to 77.70): VU0

Ion 123.00 (122.70 to 123.70): V

Ion 65.00 (64.70 to 65.70): VU0





#81

p-Isopropyltoluene

Concen: 2.151 ug/l

RT: 11.81 min Scan# 3257

Delta R.T. 0.00 min

Lab File: VU036544.D

Acq: 23 Jan 2020 17:29

Instrument :

MSVOA_U

ClientSampleId :

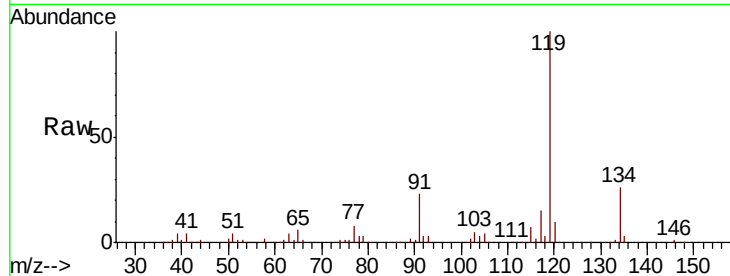
Tot Ion:119 Resp: 92978

Ion Ratio Lower Upper

119 100

134 26.2 21.4 32.0

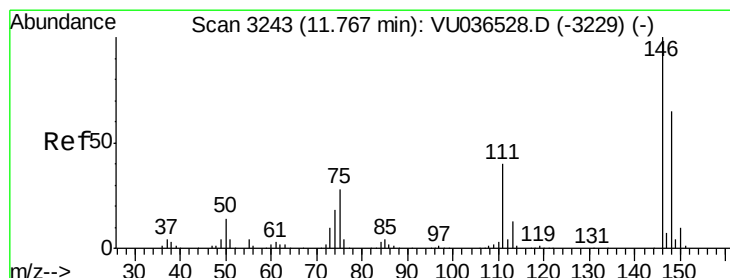
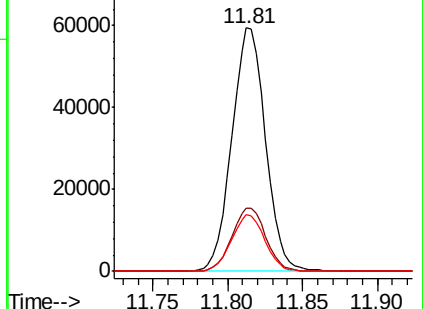
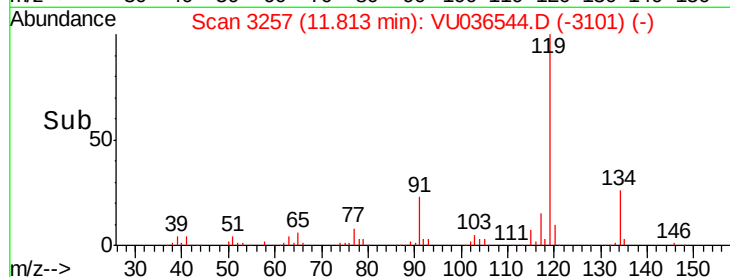
91 23.1 18.3 27.5



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): VU0



#82

1,3-Dichlorobenzene

Concen: 2.137 ug/l

RT: 11.77 min Scan# 3243

Delta R.T. 0.00 min

Lab File: VU036544.D

Acq: 23 Jan 2020 17:29

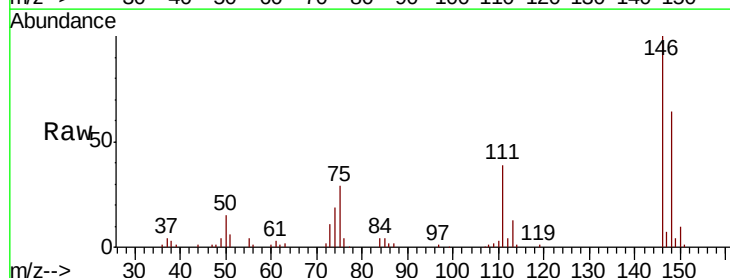
Tgt Ion:146 Resp: 47261

Ion Ratio Lower Upper

146 100

111 38.4 32.2 48.2

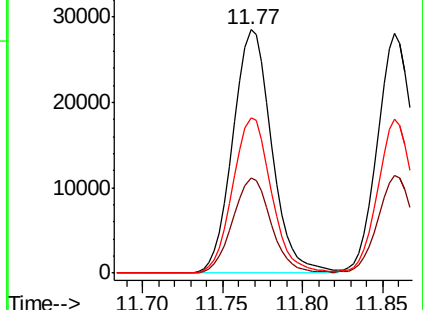
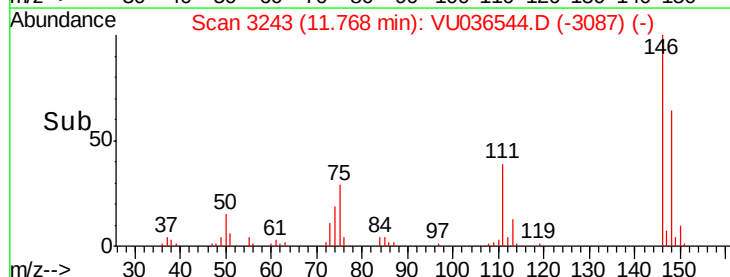
148 63.3 51.4 77.2

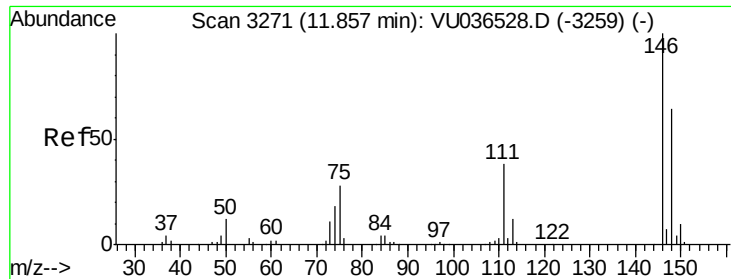


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

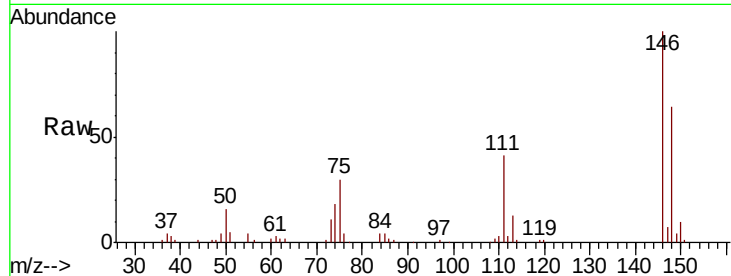




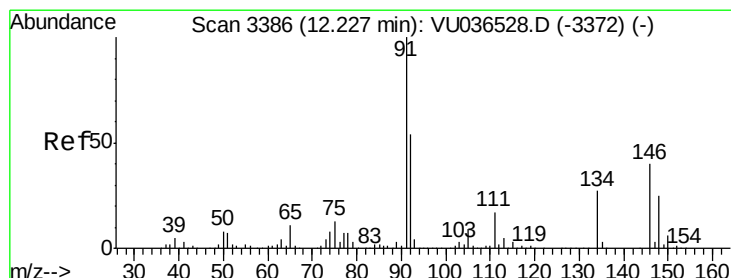
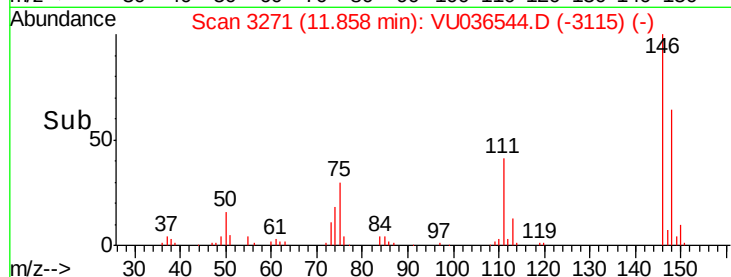
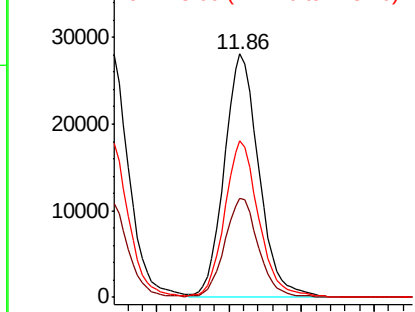
#83
 1,4-Dichlorobenzene
 Concen: 2.102 ug/l
 RT: 11.86 min Scan# 3271
 Delta R.T. 0.00 min
 Lab File: VU036544.D
 Acq: 23 Jan 2020 17:29

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:146 Resp: 46449
 Ion Ratio Lower Upper
 146 100
 111 39.9 30.5 45.7
 148 63.4 51.0 76.4

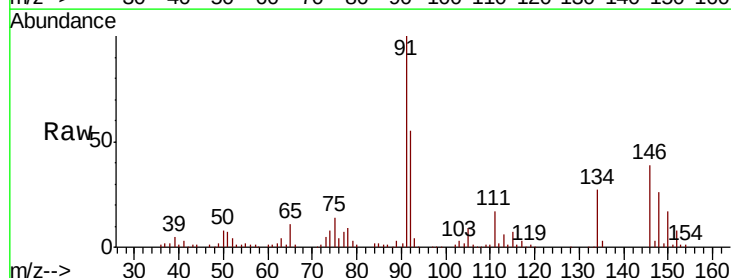


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

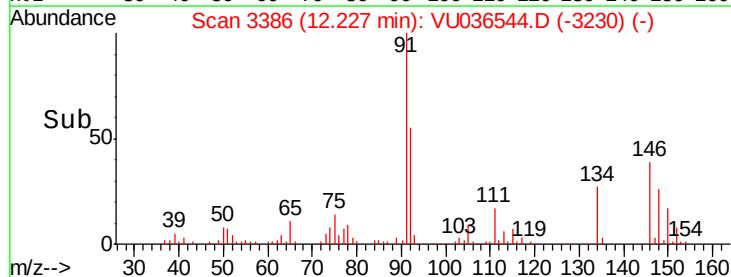
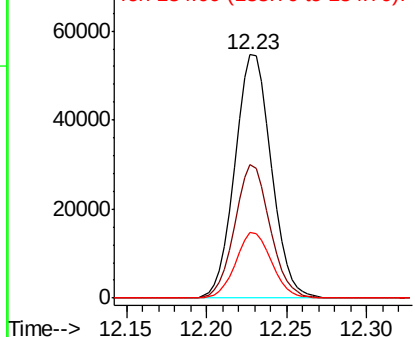


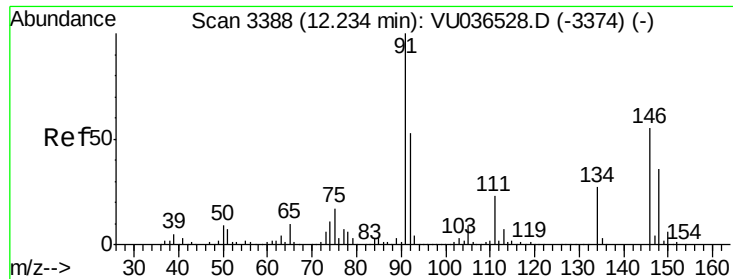
#84
 n-Butylbenzene
 Concen: 2.114 ug/l
 RT: 12.23 min Scan# 3386
 Delta R.T. 0.00 min
 Lab File: VU036544.D
 Acq: 23 Jan 2020 17:29

Tgt Ion: 91 Resp: 84519
 Ion Ratio Lower Upper
 91 100
 92 53.2 42.9 64.3
 134 26.6 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

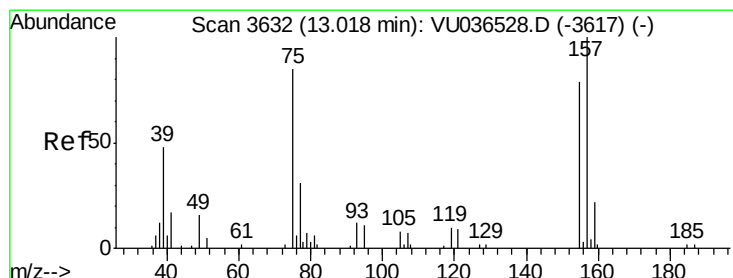
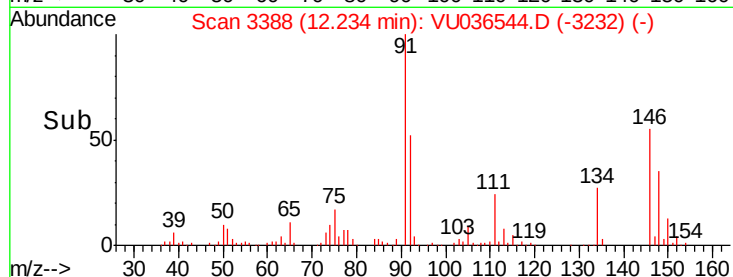
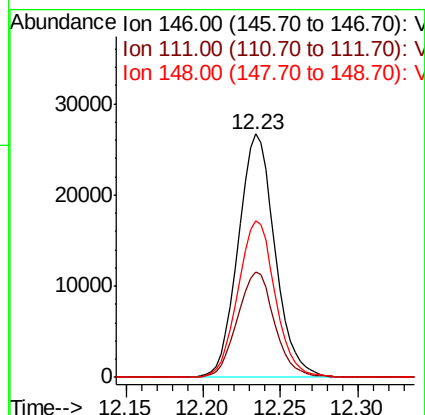
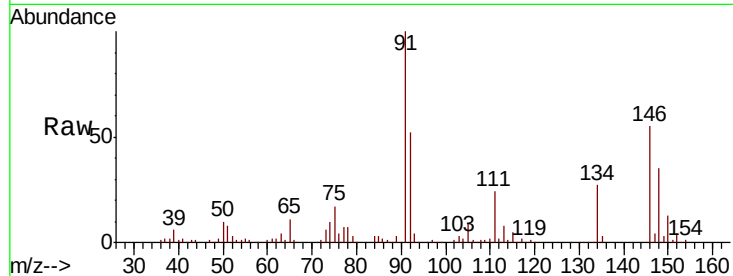




#85
 1,2-Dichlorobenzene
 Concen: 2.084 ug/l
 RT: 12.23 min Scan# 3388
 Delta R.T. 0.00 min
 Lab File: VU036544.D
 Acq: 23 Jan 2020 17:29

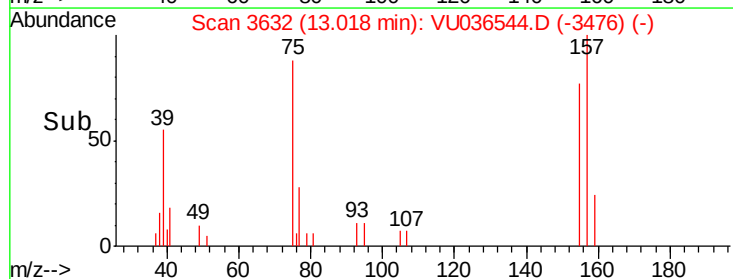
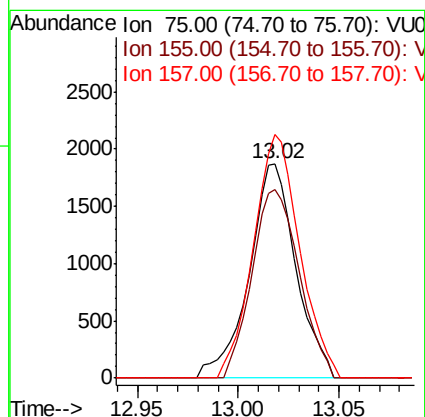
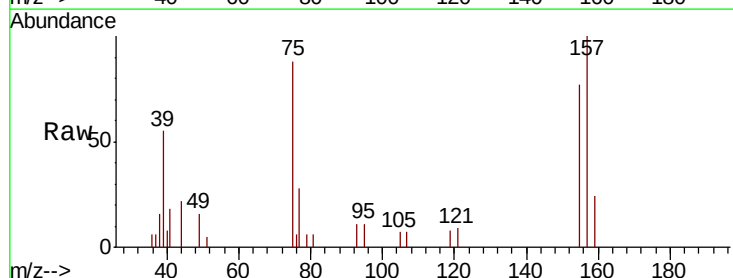
Instrument :
 MSVOA_U
 ClientSampleId :

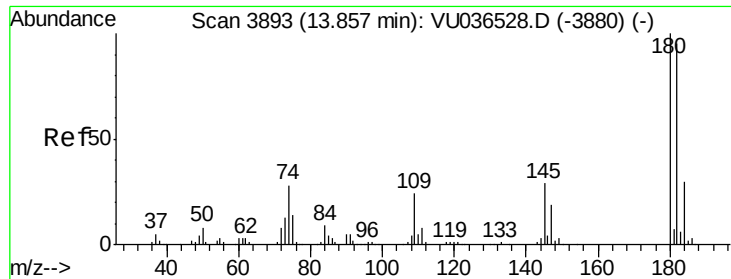
Tot Ion:146 Resp: 44089
 Ion Ratio Lower Upper
 146 100
 111 43.5 20.8 62.4
 148 64.9 32.0 96.2



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 1.995 ug/l
 RT: 13.02 min Scan# 3632
 Delta R.T. 0.00 min
 Lab File: VU036544.D
 Acq: 23 Jan 2020 17:29

Tgt Ion: 75 Resp: 3032
 Ion Ratio Lower Upper
 75 100
 155 88.8 71.8 107.8
 157 112.3 92.4 138.6

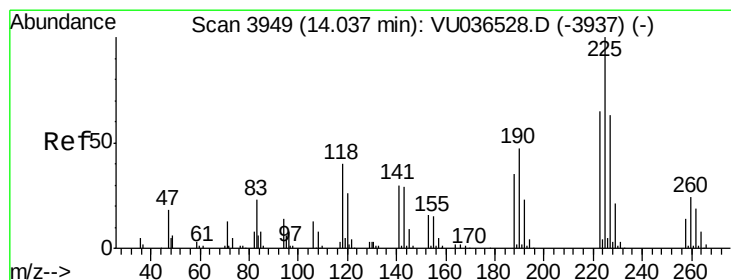
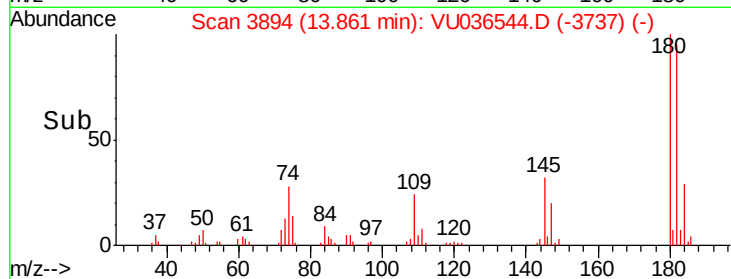
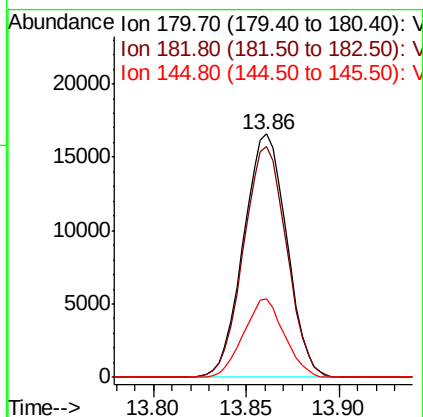
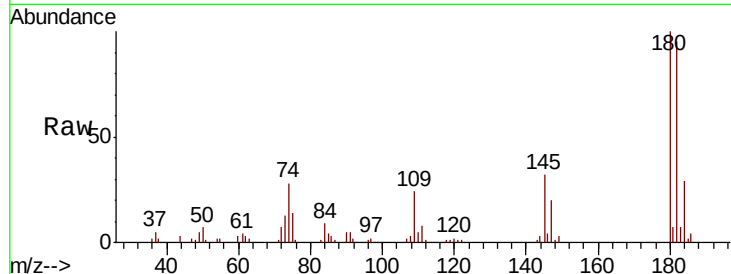




#87
 1,2,4-Trichlorobenzene
 Concen: 1.987 ug/l
 RT: 13.86 min Scan# 3894
 Delta R.T. 0.00 min
 Lab File: VU036544.D
 Acq: 23 Jan 2020 17:29

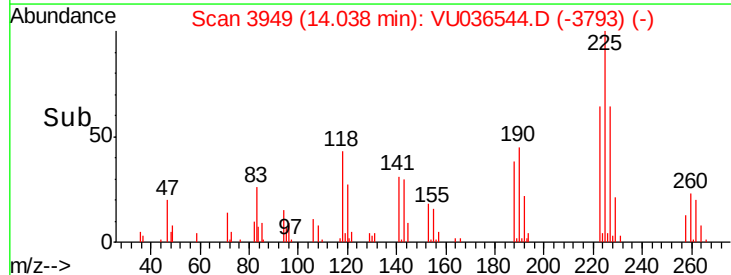
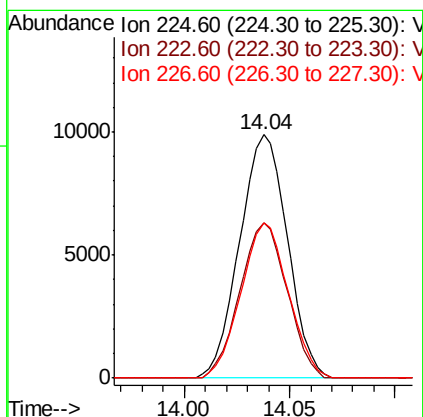
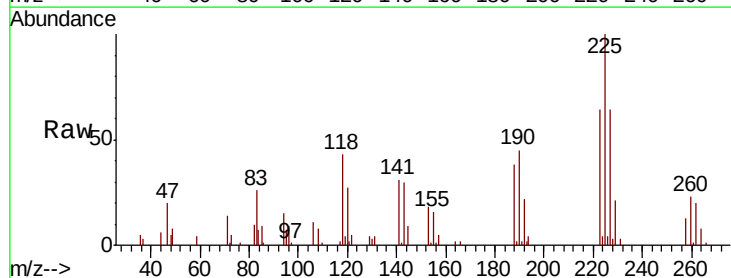
Instrument :
 MSVOA_U
 ClientSampleId :

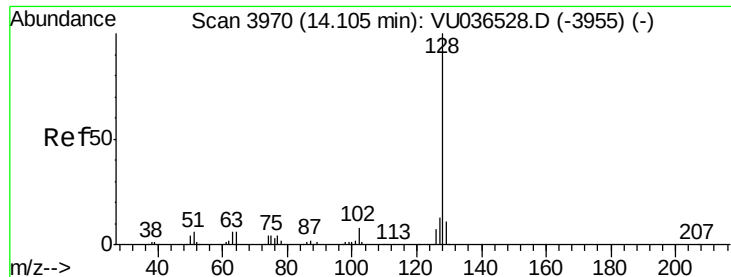
Tot Ion:180 Resp: 26887
 Ion Ratio Lower Upper
 180 100
 182 94.6 75.9 113.9
 145 30.3 23.4 35.2



#88
 Hexachlorobutadiene
 Concen: 2.098 ug/l
 RT: 14.04 min Scan# 3949
 Delta R.T. 0.00 min
 Lab File: VU036544.D
 Acq: 23 Jan 2020 17:29

Tgt Ion:225 Resp: 15559
 Ion Ratio Lower Upper
 225 100
 223 63.0 51.7 77.5
 227 63.1 50.6 75.8

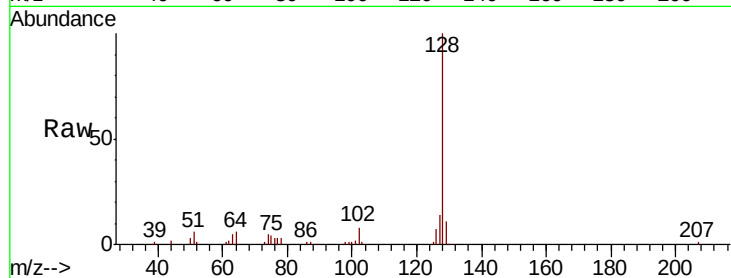




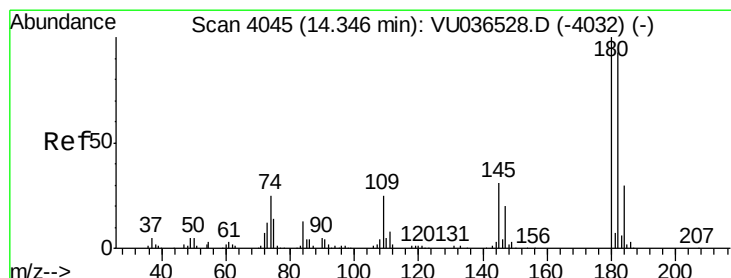
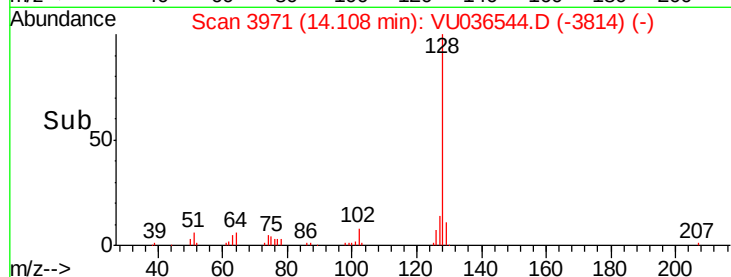
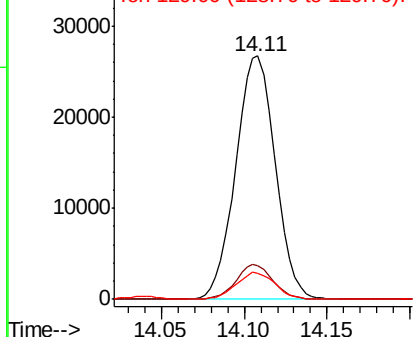
#89
Naphthalene
Concen: 1.903 ug/l
RT: 14.11 min Scan# 3971
Delta R.T. 0.00 min
Lab File: VU036544.D
Acq: 23 Jan 2020 17:29

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:128 Resp: 44385
Ion Ratio Lower Upper
128 100
127 13.2 10.5 15.7
129 10.8 8.7 13.1

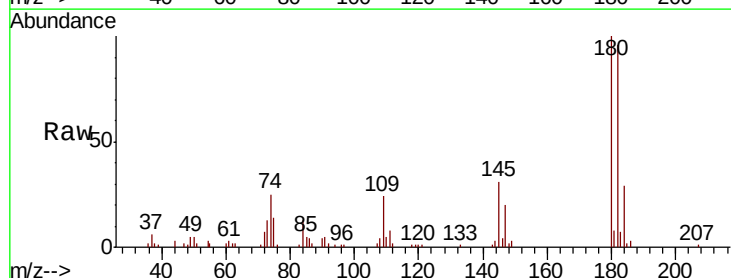


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#90
1,2,3-Trichlorobenzene
Concen: 2.046 ug/l
RT: 14.35 min Scan# 4046
Delta R.T. 0.00 min
Lab File: VU036544.D
Acq: 23 Jan 2020 17:29

Tgt Ion:180 Resp: 26040
Ion Ratio Lower Upper
180 100
182 95.5 76.2 114.4
145 30.9 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

