

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U012220\
 Data File : VU036525.D
 Acq On : 22 Jan 2020 14:51
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 22 22:11:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U012220DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Jan 22 22:08:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	6.15	96	36417	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.66	95	13604	0.94	ug/l	0.00
Spiked Amount 1.000			Recovery	=	94.00%	
68) 1,2-Dichlorobenzene-d4	12.21	152	14101	1.11	ug/l	0.00
Spiked Amount 1.000			Recovery	=	111.00%	

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.40	85	12197	1.171 ug/l	97
3) Chloromethane	1.54	50	12937	0.960 ug/l	98
4) Vinyl Chloride	1.62	62	14581	0.942 ug/l	99
5) Bromomethane	1.88	94	9879	1.202 ug/l	99
6) Chloroethane	1.95	64	8705	0.963 ug/l	96
7) Trichlorofluoromethane	2.16	101	14359	0.799 ug/l	95
8) 1,1,2-Trichloro-1,2,2-trif	2.61	101	9471	1.006 ug/l	96
9) 1,1-Dichloroethene	2.61	96	9650	1.005 ug/l	98
10) Iodomethane	2.75	142	8151	0.709 ug/l	97
11) Allyl Chloride	2.96	41	13122	0.697 ug/l	96
12) Acrylonitrile	3.37	53	4731	1.757 ug/l #	88
13) Acetone	2.68	43	10213	3.163 ug/l	98
14) Carbon Disulfide	2.82	76	34109	0.952 ug/l	99
15) Methylene Chloride	3.08	84	13515	1.069 ug/l	98
16) trans-1,2-Dichloroethene	3.39	96	10854	1.011 ug/l	94
17) 1,1-Dichloroethane	3.91	63	16718	0.871 ug/l	99
18) 2-Butanone	4.79	43	13158	3.784 ug/l	94
19) Cyclohexane	5.42	56	14522	0.779 ug/l	89
20) Methylcyclohexane	6.79	83	17677	0.956 ug/l	99
21) 2,2-Dichloropropane	4.71	77	14843	0.856 ug/l	100
22) cis-1,2-Dichloroethene	4.72	96	11087	1.019 ug/l	99
23) Diethyl Ether	2.41	59	7374	0.881 ug/l	99
24) tert-Butyl Alcohol	3.29	59	7033	8.122 ug/l #	84
25) Methyl tert-Butyl Ether	3.42	73	24358	0.829 ug/l	97
26) Bromochloromethane	5.02	128	4680	1.074 ug/l	98
27) Chloroform	5.13	83	17106	0.896 ug/l	94
28) 1,1,1-Trichloroethane	5.36	97	13864	0.820 ug/l	94
29) 1,1-Dichloropropene	5.56	75	13767	0.891 ug/l	97
30) Carbon Tetrachloride	5.56	117	12010	0.844 ug/l	93
31) Isopropyl Ether	4.06	45	26002	0.805 ug/l	99
32) Ethyl-t-butyl ether	4.56	59	26971	0.854 ug/l	98
33) Tert-Amyl methyl ether	5.99	73	24894	0.867 ug/l	98
34) Propionitrile	4.86	54	3545	4.086 ug/l #	84
35) Benzene	5.82	78	40114	0.928 ug/l	99
36) 1,2-Dichloroethane	5.84	62	10970	0.793 ug/l	100
37) Trichloroethene	6.58	130	11011	1.050 ug/l	96
38) 1,2-Dichloropropane	6.83	63	10207	0.900 ug/l	95
39) Methacrylonitrile	5.03	41	2901	0.706 ug/l	92
40) Methyl acrylate	4.91	55	4062	0.666 ug/l #	95
41) Tetrahydrofuran	5.13	42	3116	1.462 ug/l #	82
42) 1-Chlorobutane	5.50	56	18411	0.823 ug/l	98

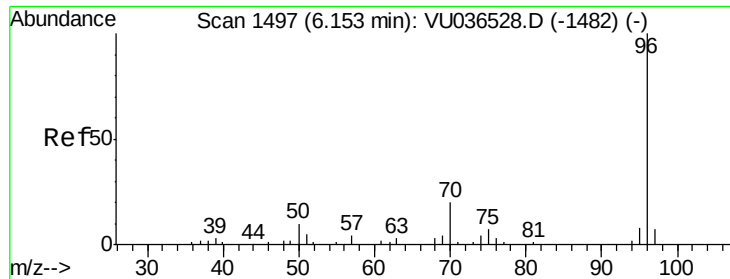
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U012220\
 Data File : VU036525.D
 Acq On : 22 Jan 2020 14:51
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 22 22:11:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U012220DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Jan 22 22:08:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.96	93	5173	0.888	ug/l	98
44) Bromodichloromethane	7.14	83	12253	0.817	ug/l	98
45) 4-Methyl-2-Pentanone	7.84	43	29274	3.632	ug/l	99
46) t-1,4-Dichloro-2-butene	10.85	75	10691	3.268	ug/l #	64
47) Methyl methacrylate	7.01	69	10152	1.827	ug/l	99
48) Ethyl methacrylate	8.37	69	9629	0.877	ug/l	99
49) Toluene	8.00	92	25913	0.967	ug/l	100
50) t-1,3-Dichloropropene	8.24	75	11758	0.799	ug/l	98
51) cis-1,3-Dichloropropene	7.64	75	14686	0.863	ug/l	98
52) 1,1,2-Trichloroethane	8.43	97	7544	0.976	ug/l	98
53) 1,3-Dichloropropane	8.61	76	12876	0.893	ug/l	100
54) 2-Hexanone	8.73	43	20933	3.773	ug/l	96
55) Dibromochloromethane	8.84	129	8598	0.950	ug/l	95
56) 1,2-Dibromoethane	8.96	107	7042	0.927	ug/l	98
58) Tetrachloroethene	8.58	164	11817	1.363	ug/l	99
59) Chlorobenzene	9.47	112	28733	1.016	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.56	131	9115	0.952	ug/l	99
61) Pentachloroethane	11.45	117	5614	0.712	ug/l	98
62) Hexachloroethane	12.49	117	6972	0.843	ug/l	98
63) Ethyl Benzene	9.60	91	47224	0.918	ug/l	98
64) m/p-Xylenes	9.72	106	38529	2.026	ug/l	99
65) o-Xylene	10.12	106	18821	1.014	ug/l	99
66) Styrene	10.14	104	31296	1.021	ug/l	98
67) Bromoform	10.32	173	4895	1.092	ug/l #	96
69) Isopropylbenzene	10.51	105	49761	0.997	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.81	83	9172	0.881	ug/l	98
71) 1,2,3-Trichloropropane	10.85	75	10691	1.346	ug/l	61
72) Bromobenzene	10.81	156	11910	1.127	ug/l	98
73) n-propylbenzene	10.93	120	13573	1.014	ug/l	96
74) 2-Chlorotoluene	11.01	126	11920	1.039	ug/l	98
75) 1,3,5-Trimethylbenzene	11.11	105	42224	0.997	ug/l	97
76) 4-Chlorotoluene	11.12	126	12018	1.017	ug/l	93
77) tert-Butylbenzene	11.44	119	39220	0.967	ug/l	99
78) 1,2,4-Trimethylbenzene	11.49	105	43160	0.984	ug/l	99
79) sec-Butylbenzene	11.66	105	55715	0.989	ug/l	99
80) Nitrobenzene	13.23	77	430	2.355	ug/l #	64
81) p-Isopropyltoluene	11.81	119	46473	1.035	ug/l	99
82) 1,3-Dichlorobenzene	11.77	146	23555	1.064	ug/l	100
83) 1,4-Dichlorobenzene	11.86	146	23171	1.057	ug/l	98
84) n-Butylbenzene	12.23	91	42212	0.893	ug/l	99
85) 1,2-Dichlorobenzene	12.23	146	22705	1.084	ug/l	99
86) 1,2-Dibromo-3-Chloropropan	13.01	75	1569	0.829	ug/l #	88
87) 1,2,4-Trichlorobenzene	13.86	180	13102	0.985	ug/l	99
88) Hexachlorobutadiene	14.04	225	8192	1.312	ug/l	98
89) Naphthalene	14.10	128	20992	0.796	ug/l	100
90) 1,2,3-Trichlorobenzene	14.35	180	12426	1.017	ug/l	99

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



#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 6.15 min Scan# 1497

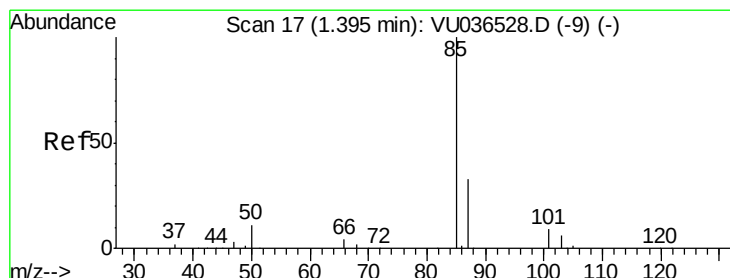
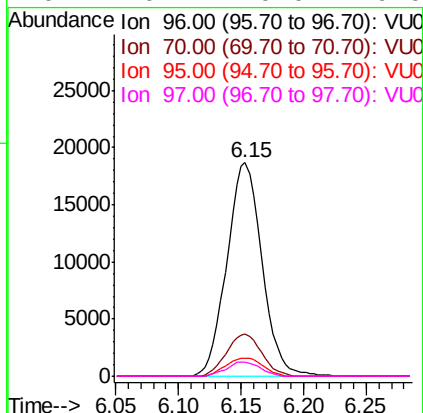
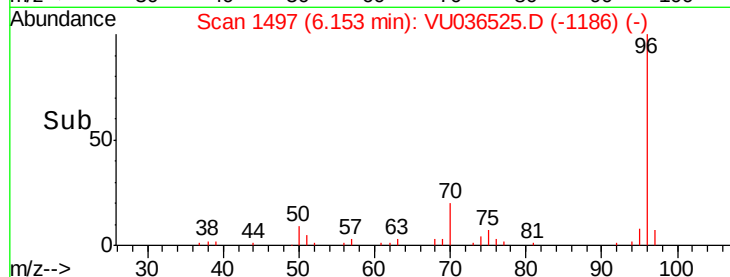
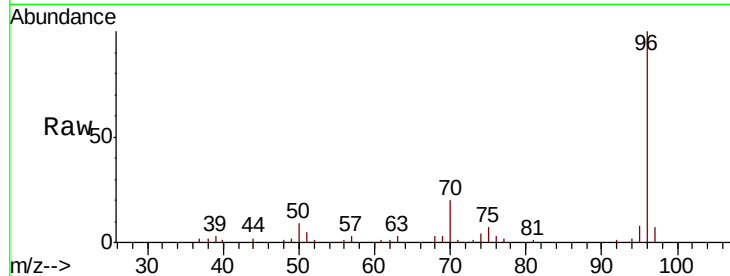
Delta R.T. -0.00 min

Lab File: VU036525.D

Acq: 22 Jan 2020 14:51

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:	96	Resp:	36417
Ion	Ratio	Lower	Upper
96	100		
70	19.7	15.6	23.4
95	8.9	7.0	10.6
97	6.4	0.0	0.0#



#2

Dichlorodifluoromethane

Concen: 1.171 ug/l

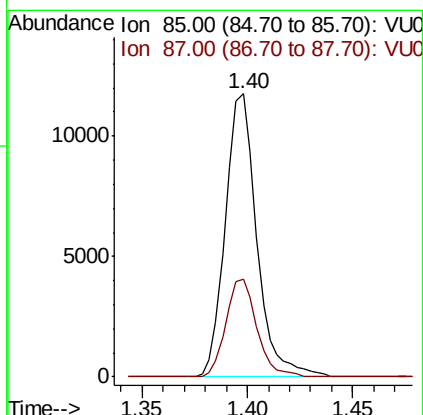
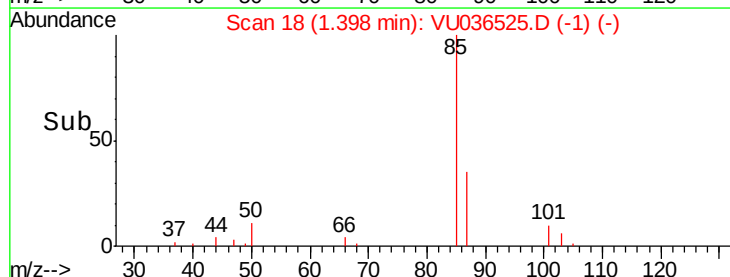
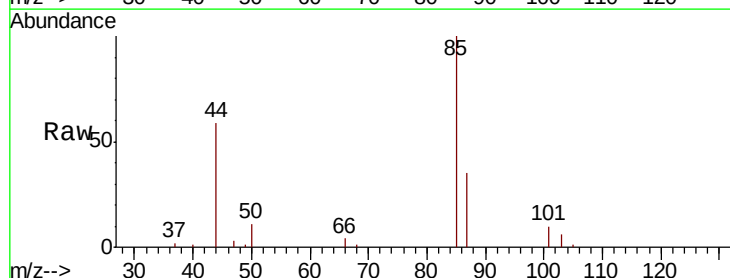
RT: 1.40 min Scan# 18

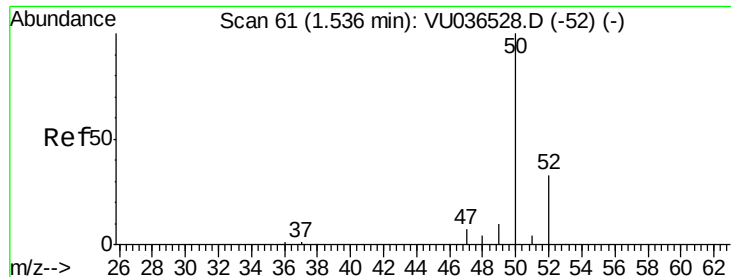
Delta R.T. 0.00 min

Lab File: VU036525.D

Acq: 22 Jan 2020 14:51

Tgt Ion:	85	Resp:	12197
Ion	Ratio	Lower	Upper
85	100		
87	34.7	16.4	49.2





#3

Chloromethane

Concen: 0.960 ug/l

RT: 1.54 min Scan# 62

Delta R.T. 0.00 min

Lab File: VU036525.D

Acq: 22 Jan 2020 14:51

Instrument :

MSVOA_U

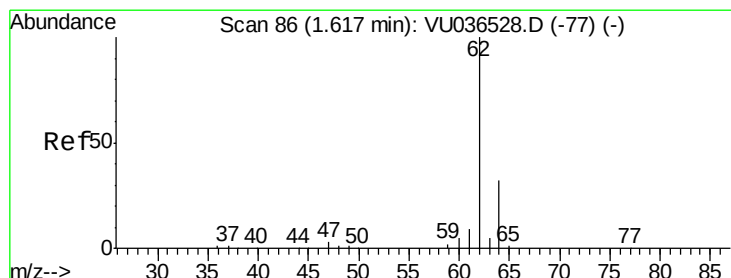
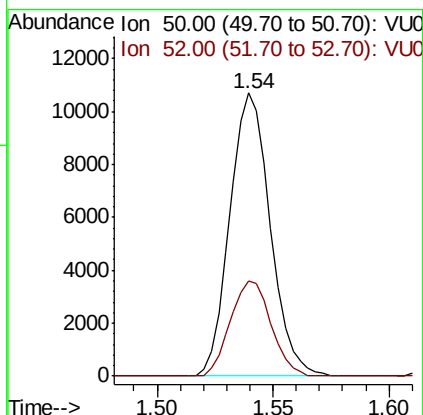
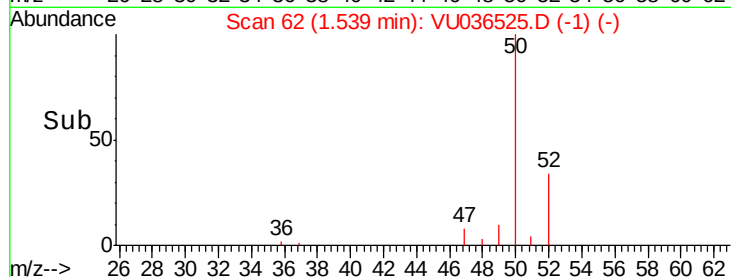
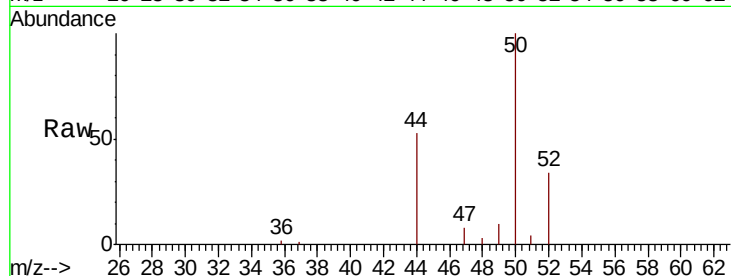
ClientSampleId :

Tot Ion: 50 Resp: 12937

Ion Ratio Lower Upper

50 100

52 33.7 26.0 39.0



#4

Vinyl Chloride

Concen: 0.942 ug/l

RT: 1.62 min Scan# 86

Delta R.T. -0.00 min

Lab File: VU036525.D

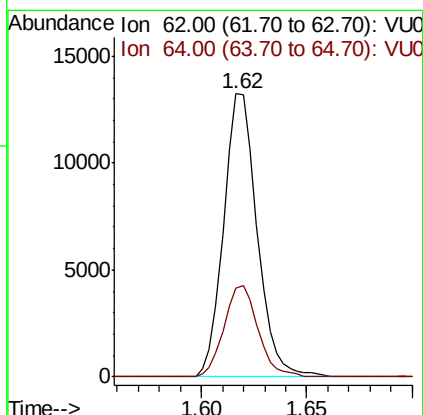
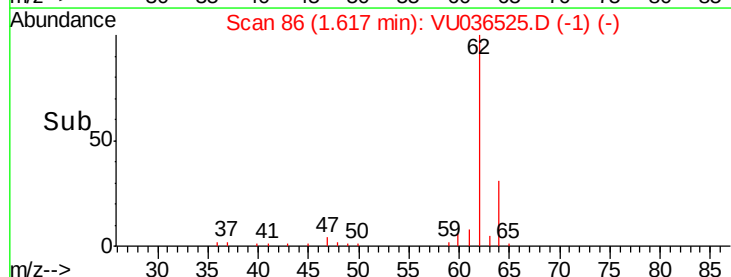
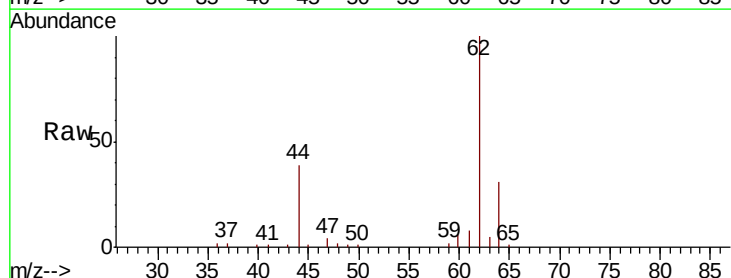
Acq: 22 Jan 2020 14:51

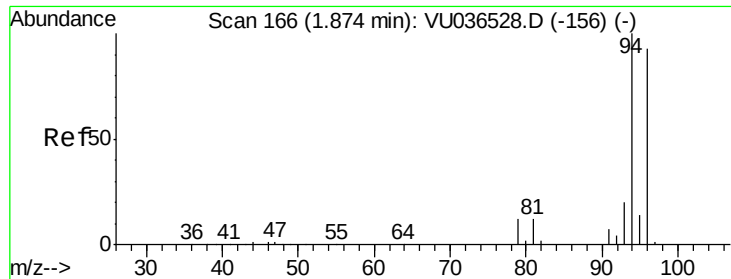
Tgt Ion: 62 Resp: 14581

Ion Ratio Lower Upper

62 100

64 31.4 25.4 38.2

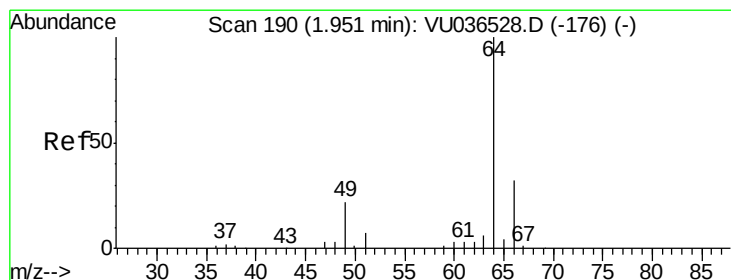
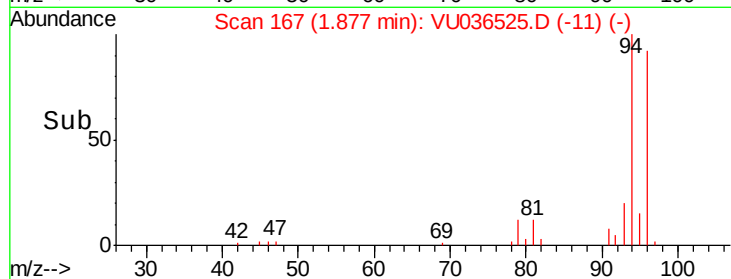
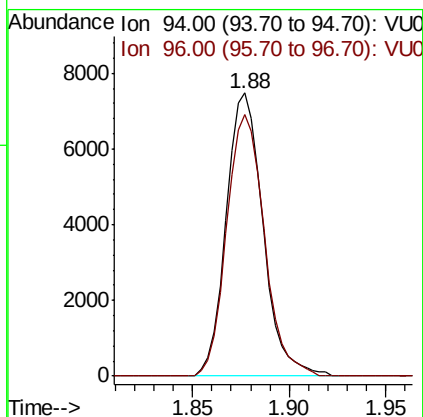
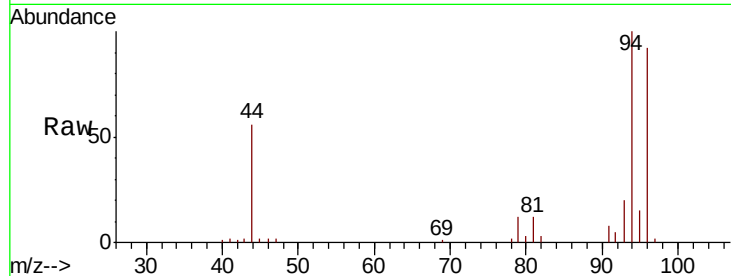




#5
Bromomethane
Concen: 1.202 ug/l
RT: 1.88 min Scan# 167
Delta R.T. 0.00 min
Lab File: VU036525.D
Acq: 22 Jan 2020 14:51

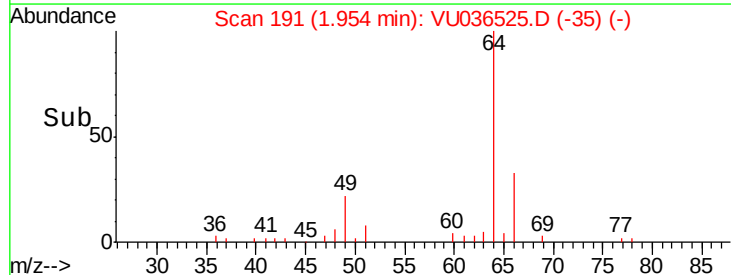
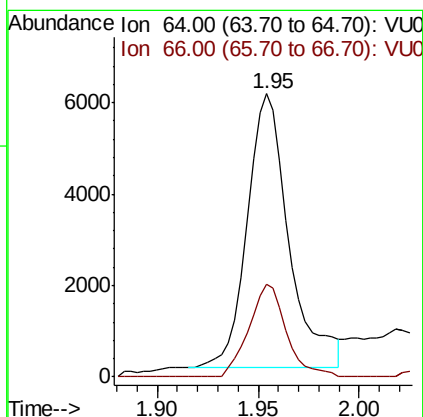
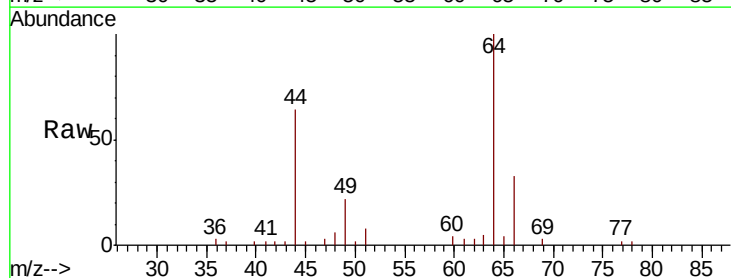
Instrument :
MSVOA_U
ClientSampleId :

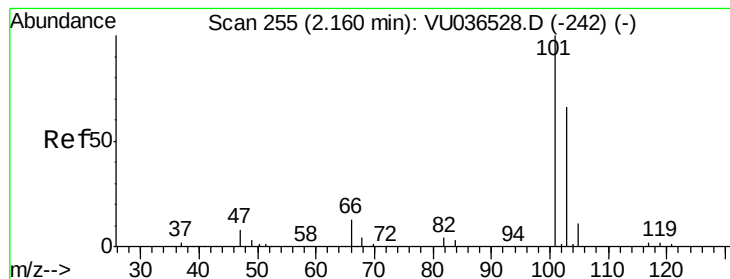
Tot Ion: 94 Resp: 9879
Ion Ratio Lower Upper
94 100
96 92.3 74.6 112.0



#6
Chloroethane
Concen: 0.963 ug/l
RT: 1.95 min Scan# 191
Delta R.T. 0.00 min
Lab File: VU036525.D
Acq: 22 Jan 2020 14:51

Tgt Ion: 64 Resp: 8705
Ion Ratio Lower Upper
64 100
66 33.9 25.5 38.3



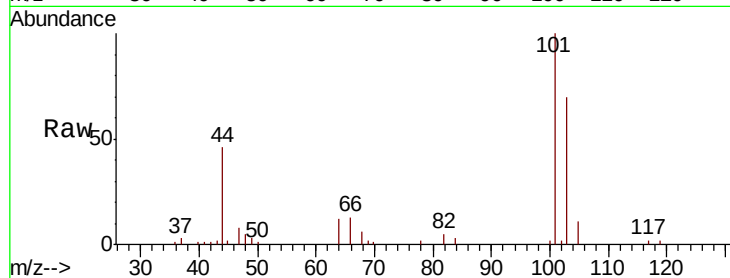


#7

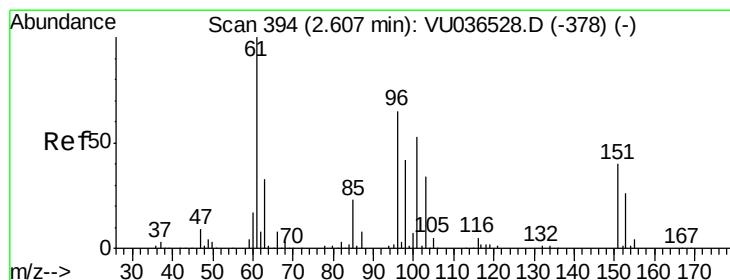
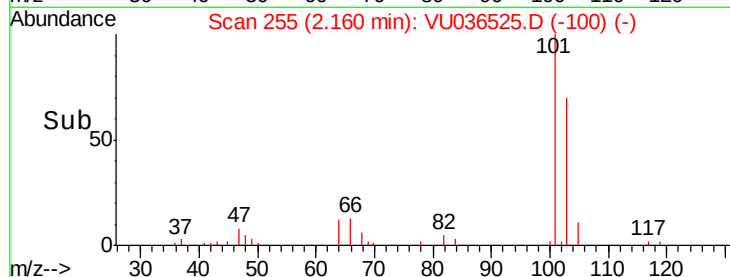
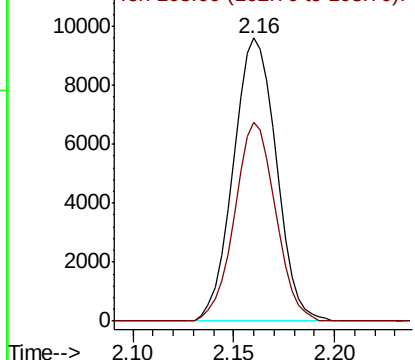
Trichlorofluoromethane
Concen: 0.799 ug/l
RT: 2.16 min Scan# 255
Delta R.T. -0.00 min
Lab File: VU036525.D
Acq: 22 Jan 2020 14:51

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:101 Resp: 14359
Ion Ratio Lower Upper
101 100
103 70.2 53.0 79.6



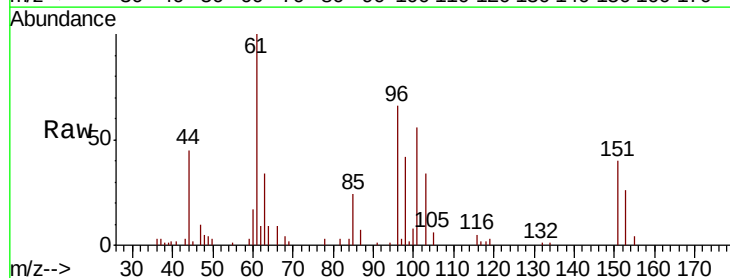
Abundance Ion 101.00 (100.70 to 101.70): V
Ion 103.00 (102.70 to 103.70): V



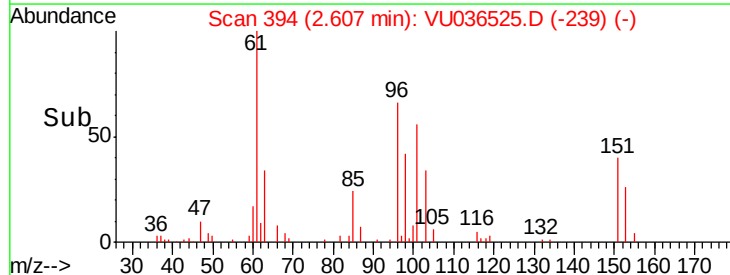
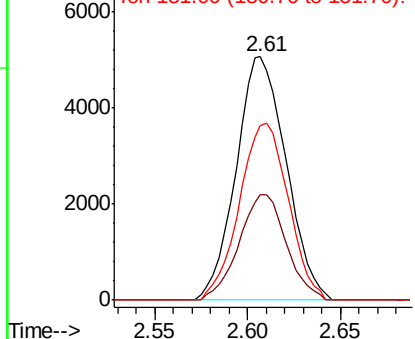
#8

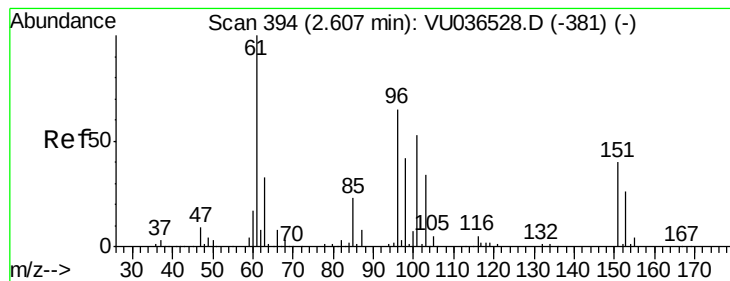
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.006 ug/l
RT: 2.61 min Scan# 394
Delta R.T. -0.00 min
Lab File: VU036525.D
Acq: 22 Jan 2020 14:51

Tgt Ion:101 Resp: 9471
Ion Ratio Lower Upper
101 100
85 41.0 33.9 50.9
151 70.8 59.8 89.8



Abundance Ion 101.00 (100.70 to 101.70): V
Ion 85.00 (84.70 to 85.70): VU
Ion 151.00 (150.70 to 151.70): V





#9

1,1-Dichloroethene

Concen: 1.005 ug/l

RT: 2.61 min Scan# 394

Delta R.T. -0.00 min

Lab File: VU036525.D

Acq: 22 Jan 2020 14:51

Instrument :

MSVOA_U

ClientSampled :

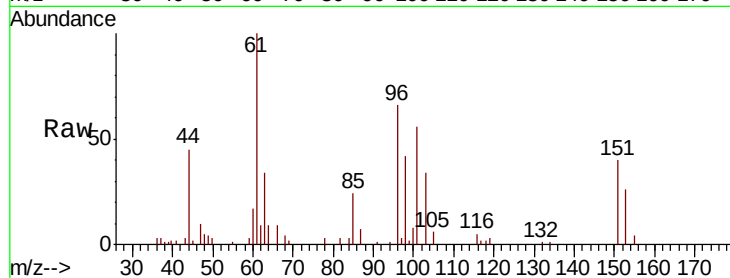
Tot Ion: 96 Resp: 9650

Ion Ratio Lower Upper

96 100

61 152.0 0.0 463.2

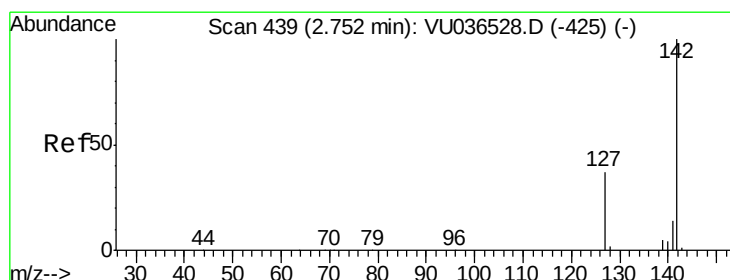
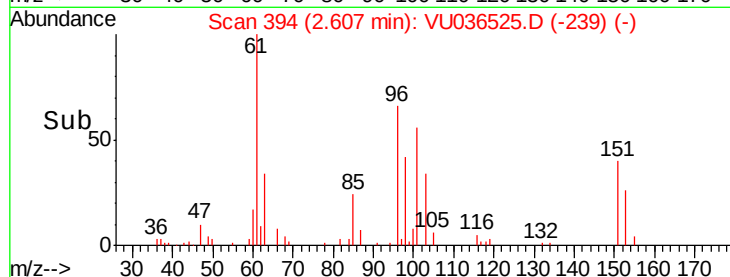
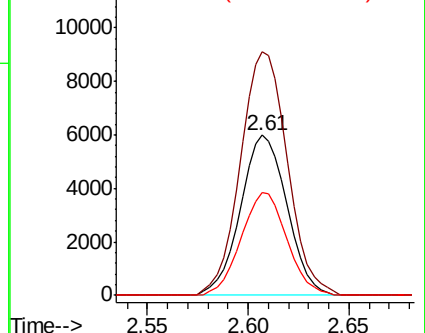
98 63.8 0.0 130.0



Abundance Ion 96.00 (95.70 to 96.70): VU036525.D (-239) (-)

Ion 61.00 (60.70 to 61.70): VU036525.D (-239) (-)

Ion 98.00 (97.70 to 98.70): VU036525.D (-239) (-)



#10

Iodomethane

Concen: 0.709 ug/l

RT: 2.75 min Scan# 439

Delta R.T. -0.00 min

Lab File: VU036525.D

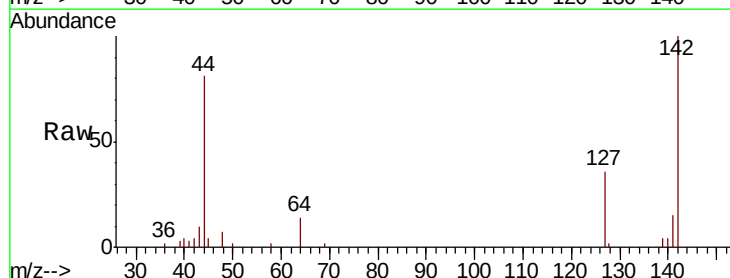
Acq: 22 Jan 2020 14:51

Tgt Ion: 142 Resp: 8151

Ion Ratio Lower Upper

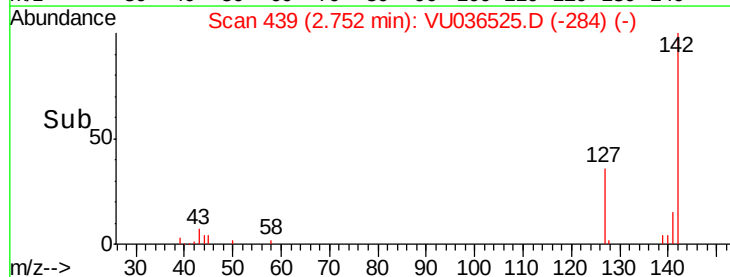
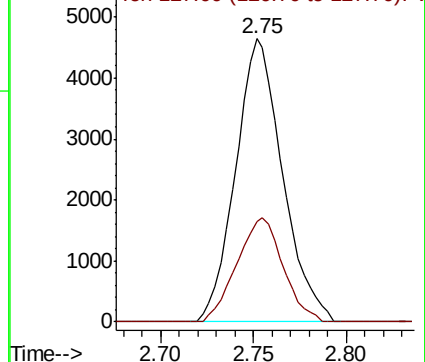
142 100

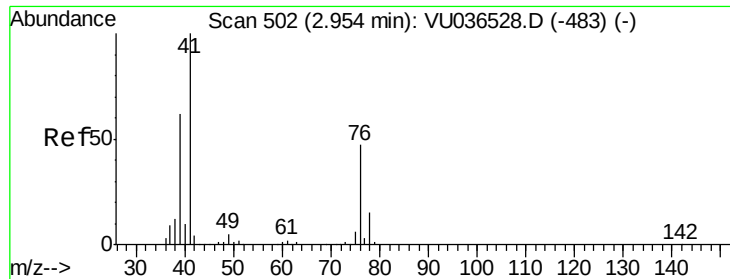
127 36.2 30.3 45.5



Abundance Ion 142.00 (141.70 to 142.70): VU036525.D (-284) (-)

Ion 127.00 (126.70 to 127.70): VU036525.D (-284) (-)

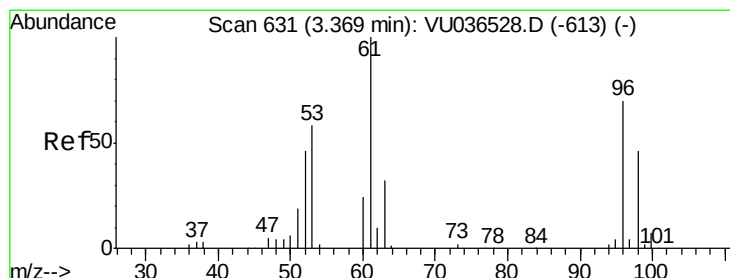
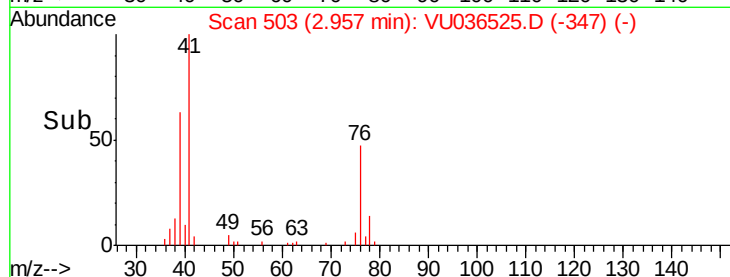
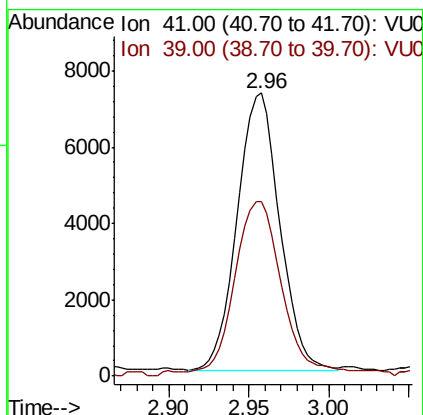
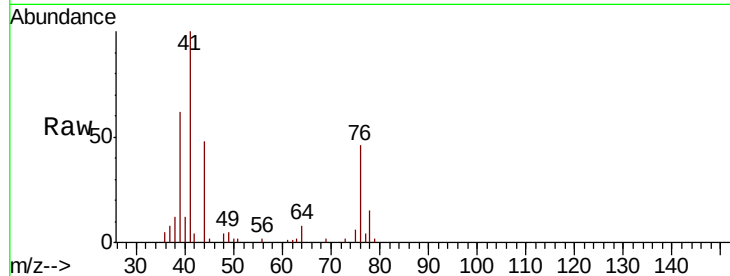




#11
Allvl Chloride
Concen: 0.697 ug/l
RT: 2.96 min Scan# 503
Delta R.T. 0.00 min
Lab File: VU036525.D
Acq: 22 Jan 2020 14:51

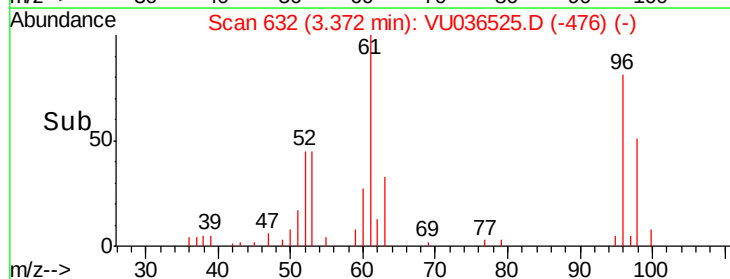
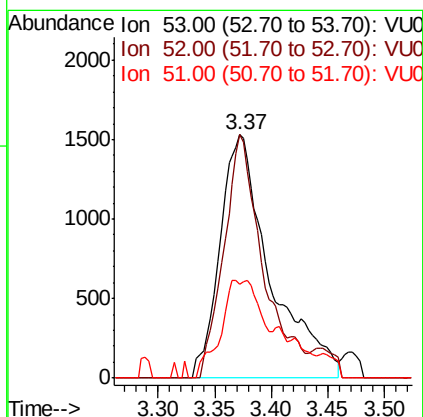
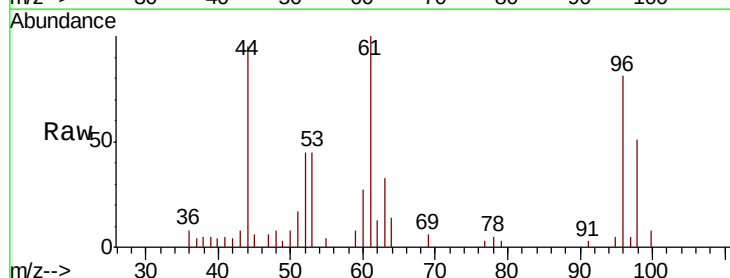
Instrument :
MSVOA_U
ClientSampleId :

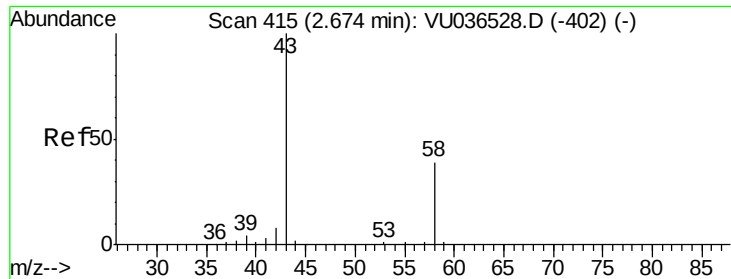
Tot Ion: 41 Resp: 13122
Ion Ratio Lower Upper
41 100
39 66.2 50.7 76.1



#12
Acrylonitrile
Concen: 1.757 ug/l
RT: 3.37 min Scan# 632
Delta R.T. 0.00 min
Lab File: VU036525.D
Acq: 22 Jan 2020 14:51

Tgt Ion: 53 Resp: 4731
Ion Ratio Lower Upper
53 100
52 77.6 64.6 97.0
51 16.4 27.2 40.8#





#13

Acetone

Concen: 3.163 ug/l

RT: 2.68 min Scan# 416

Delta R.T. 0.00 min

Lab File: VU036525.D

Acq: 22 Jan 2020 14:51

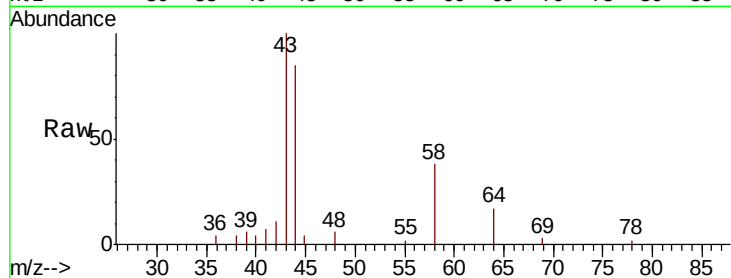
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 10213

Ion Ratio Lower Upper

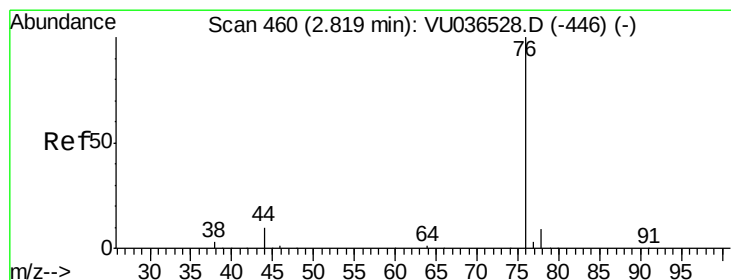
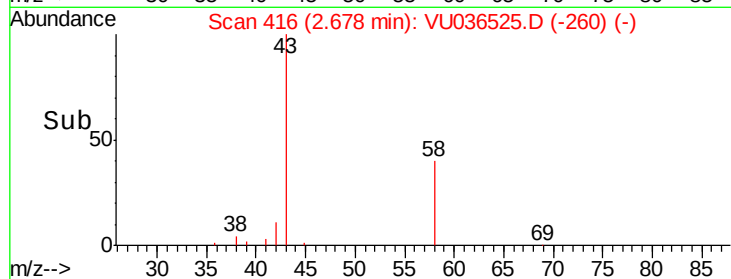
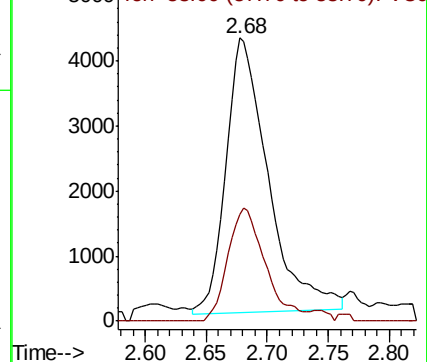
43 100

58 39.5 30.8 46.2



Abundance Ion 43.00 (42.70 to 43.70): VU036525.D (-260) (-)

Ion 58.00 (57.70 to 58.70): VU036525.D (-260) (-)



#14

Carbon Disulfide

Concen: 0.952 ug/l

RT: 2.82 min Scan# 461

Delta R.T. 0.00 min

Lab File: VU036525.D

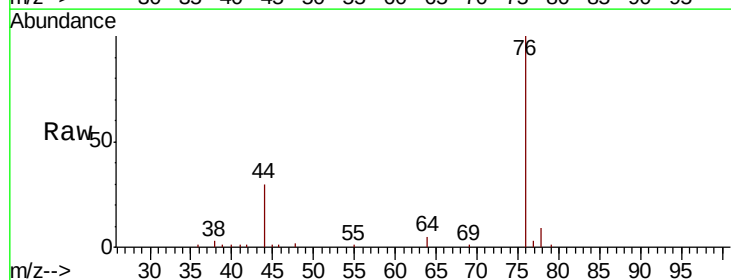
Acq: 22 Jan 2020 14:51

Tgt Ion: 76 Resp: 34109

Ion Ratio Lower Upper

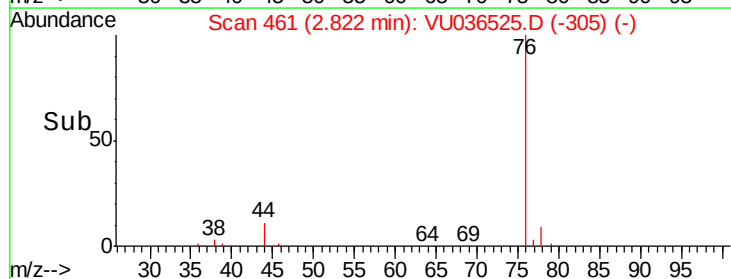
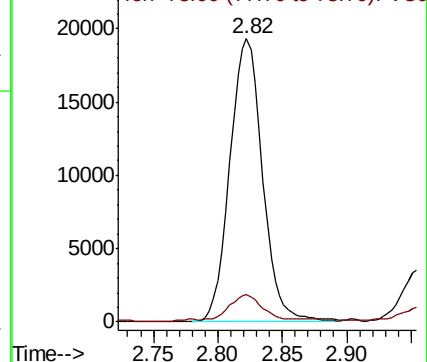
76 100

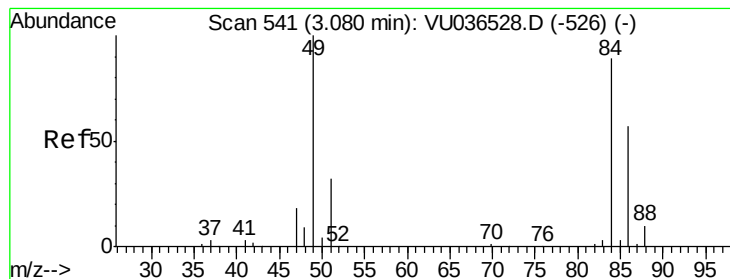
78 8.9 7.4 11.0



Abundance Ion 76.00 (75.70 to 76.70): VU036525.D (-305) (-)

Ion 78.00 (77.70 to 78.70): VU036525.D (-305) (-)





#15

Methylene Chloride

Concen: 1.069 ug/l

RT: 3.08 min Scan# 541

Delta R.T. -0.00 min

Lab File: VU036525.D

Acq: 22 Jan 2020 14:51

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 84 Resp: 13515

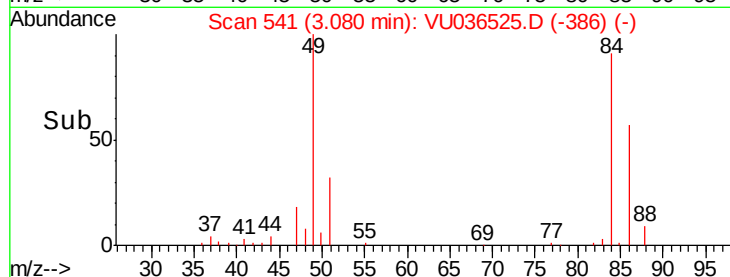
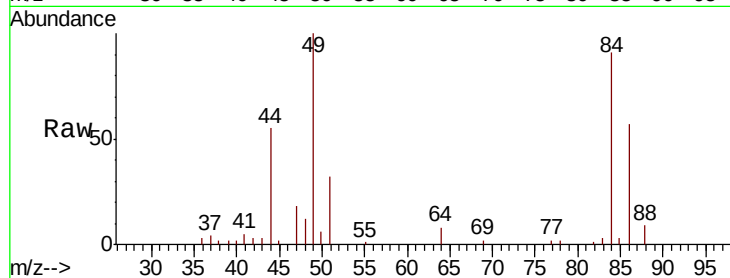
Ion Ratio Lower Upper

84 100

49 110.1 89.7 134.5

51 34.8 0.0 71.6

86 62.6 51.4 77.2

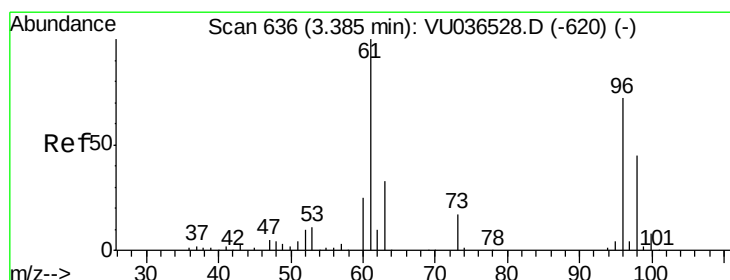
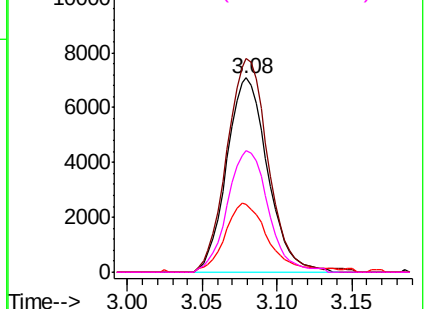


Abundance Ion 84.00 (83.70 to 84.70): VU0

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: 1.011 ug/l

RT: 3.39 min Scan# 637

Delta R.T. 0.00 min

Lab File: VU036525.D

Acq: 22 Jan 2020 14:51

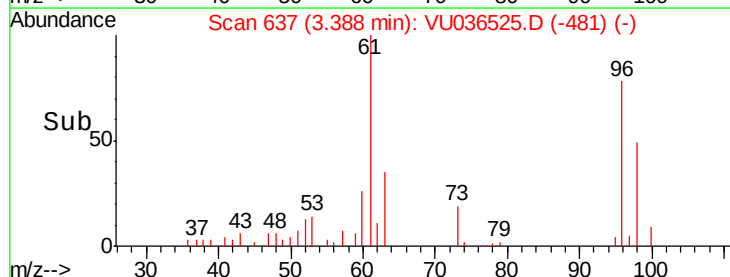
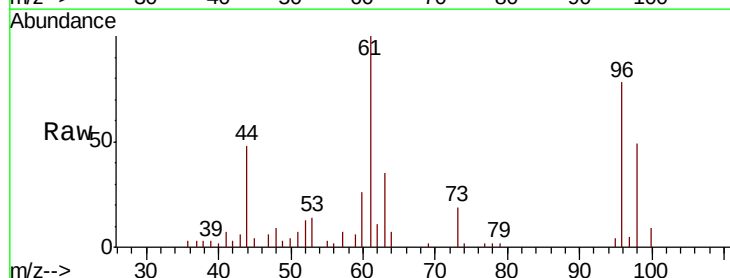
Tgt Ion: 96 Resp: 10854

Ion Ratio Lower Upper

96 100

61 128.7 110.8 166.2

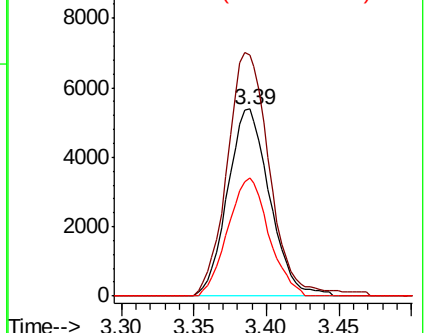
98 63.0 50.3 75.5

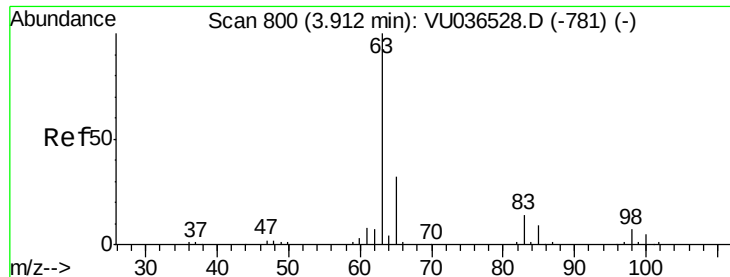


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

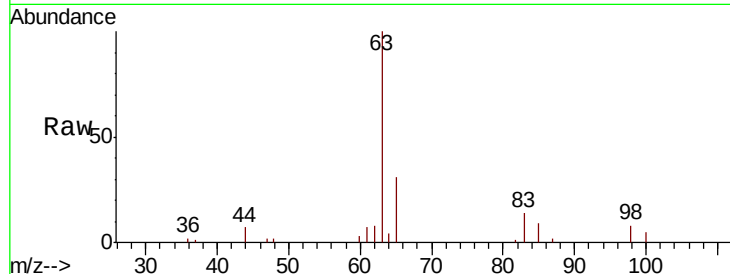




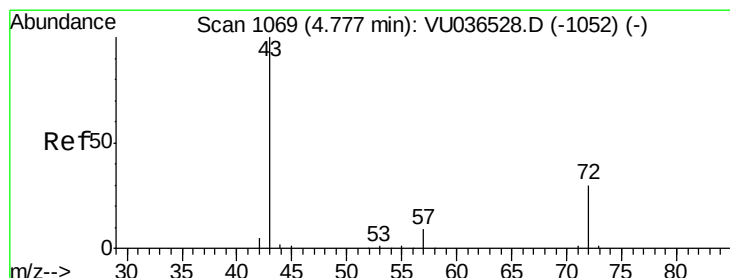
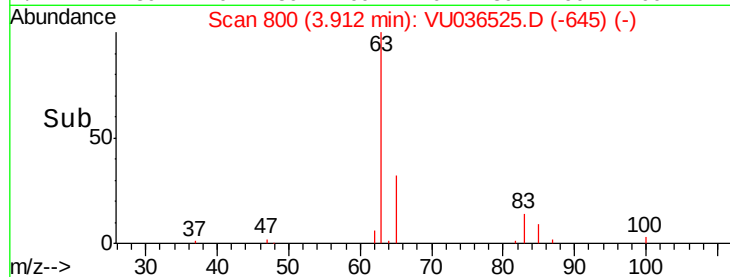
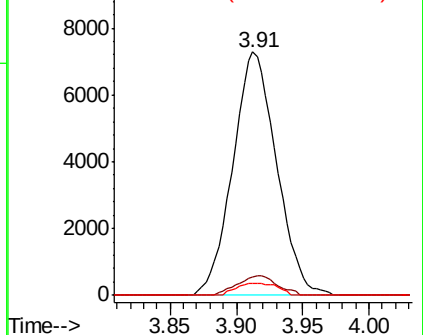
#17
 1,1-Dichloroethane
 Concen: 0.871 ug/l
 RT: 3.91 min Scan# 800
 Delta R.T. -0.00 min
 Lab File: VU036525.D
 Acq: 22 Jan 2020 14:51

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 63 Resp: 16718
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.5 10.5
 100 4.8 2.4 7.1

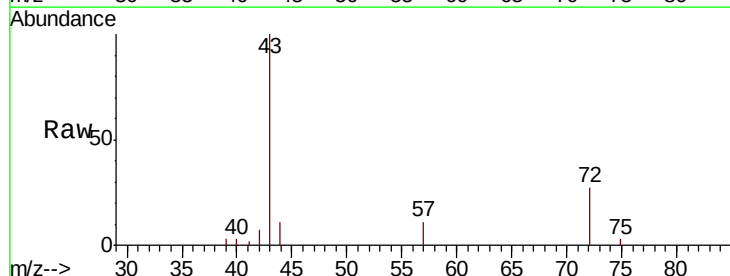


Abundance Ion 63.00 (62.70 to 63.70): VU0
 Ion 98.00 (97.70 to 98.70): VU0
 Ion 100.00 (99.70 to 100.70): VU0

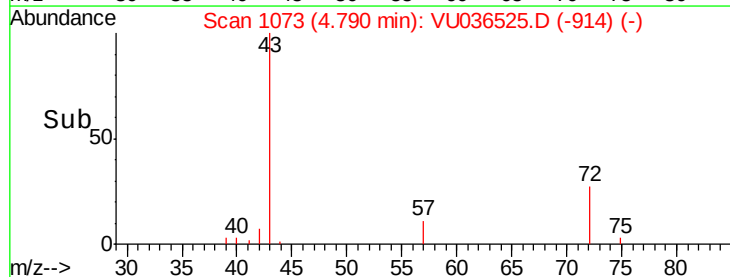
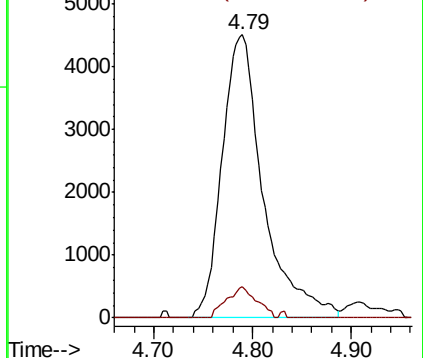


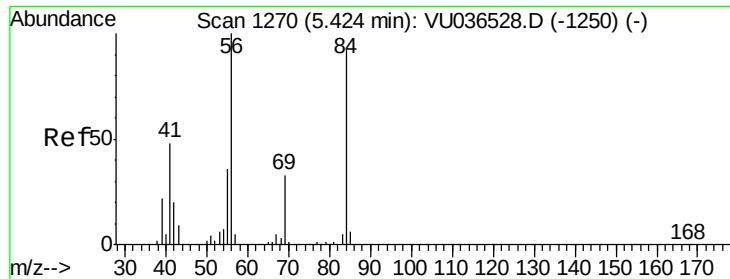
#18
 2-Butanone
 Concen: 3.784 ug/l
 RT: 4.79 min Scan# 1073
 Delta R.T. 0.01 min
 Lab File: VU036525.D
 Acq: 22 Jan 2020 14:51

Tgt Ion: 43 Resp: 13158
 Ion Ratio Lower Upper
 43 100
 57 11.0 0.0 17.8



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

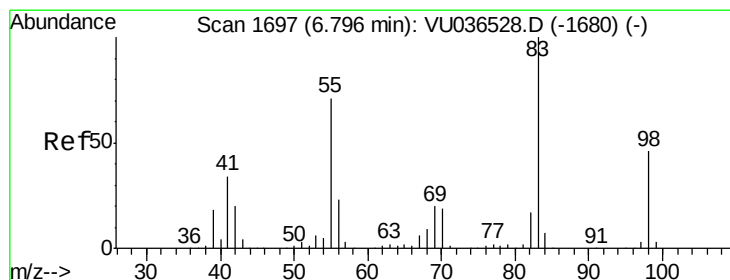
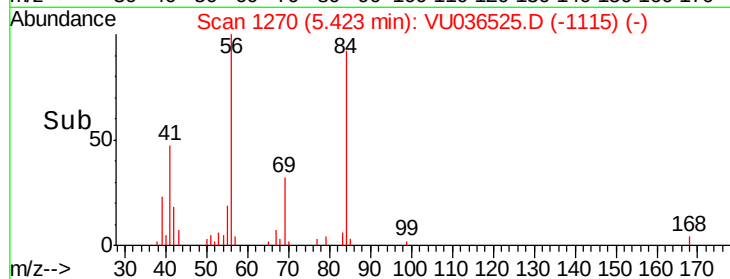
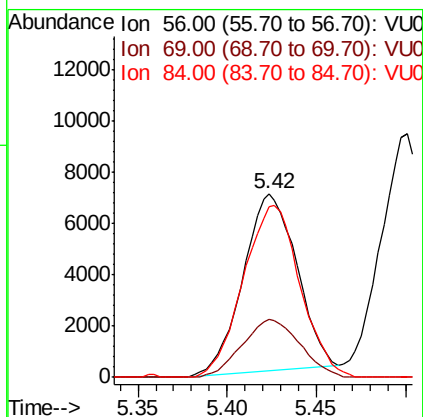
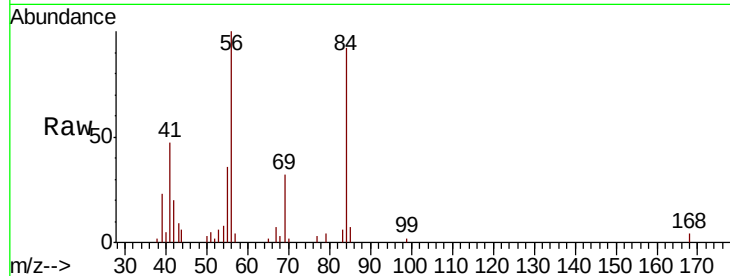




#19
Cyclohexane
Concen: 0.779 ug/l
RT: 5.42 min Scan# 1270
Delta R.T. -0.00 min
Lab File: VU036525.D
Acq: 22 Jan 2020 14:51

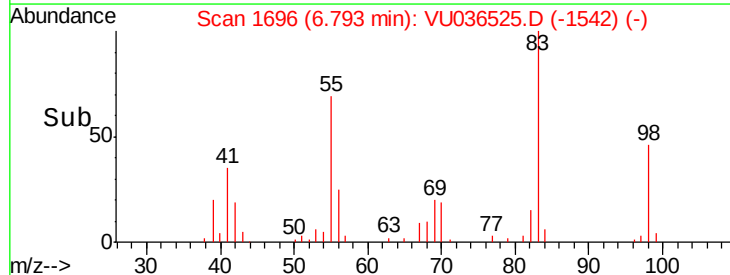
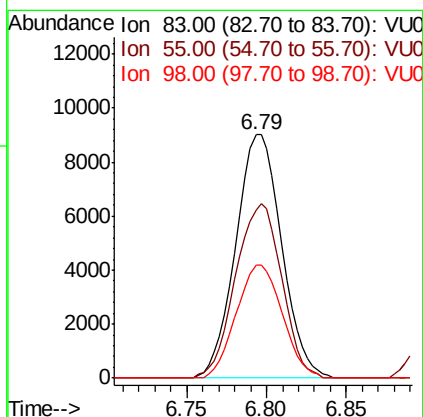
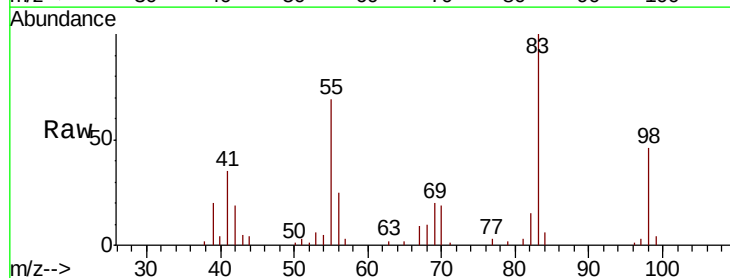
Instrument :
MSVOA_U
ClientSampleId :

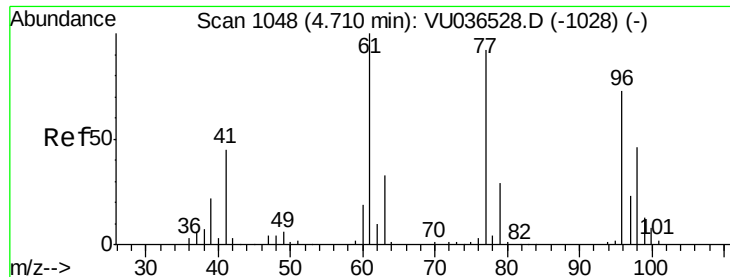
Tot Ion: 56 Resp: 14522
Ion Ratio Lower Upper
56 100
69 35.3 26.2 39.2
84 103.3 72.8 109.2



#20
Methylcyclohexane
Concen: 0.956 ug/l
RT: 6.79 min Scan# 1696
Delta R.T. -0.00 min
Lab File: VU036525.D
Acq: 22 Jan 2020 14:51

Tgt Ion: 83 Resp: 17677
Ion Ratio Lower Upper
83 100
55 71.9 56.6 85.0
98 46.5 37.5 56.3

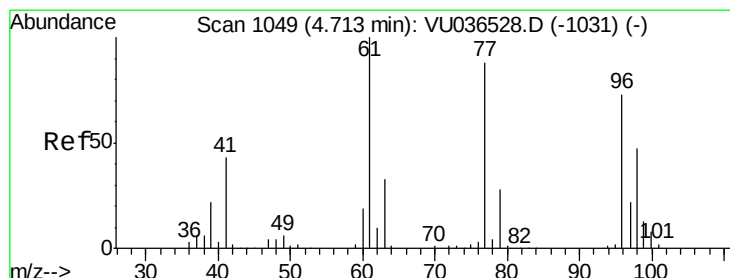
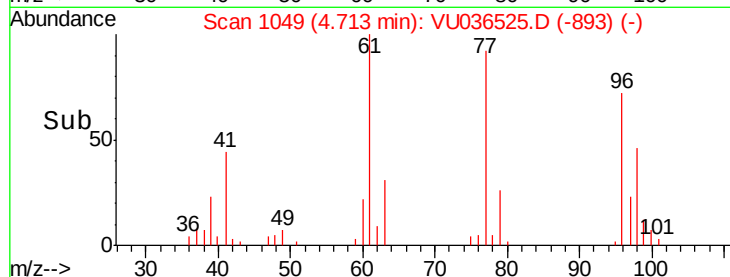
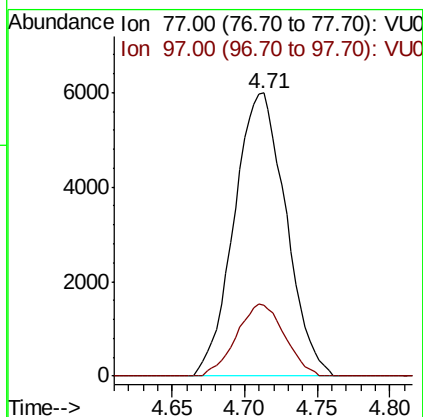
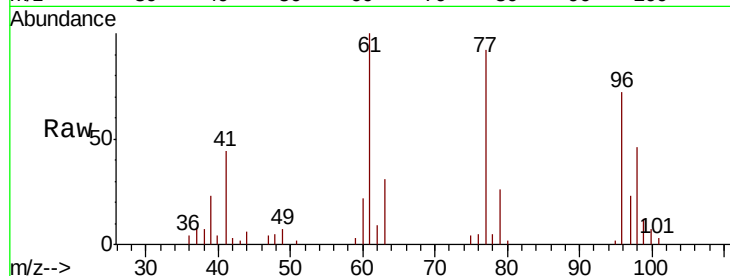




#21
 2,2-Dichloropropane
 Concen: 0.856 ug/l
 RT: 4.71 min Scan# 1049
 Delta R.T. 0.00 min
 Lab File: VU036525.D
 Acq: 22 Jan 2020 14:51

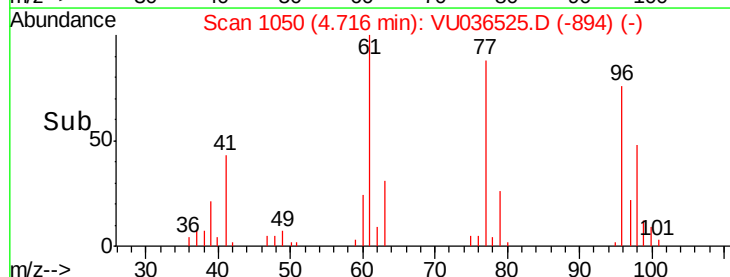
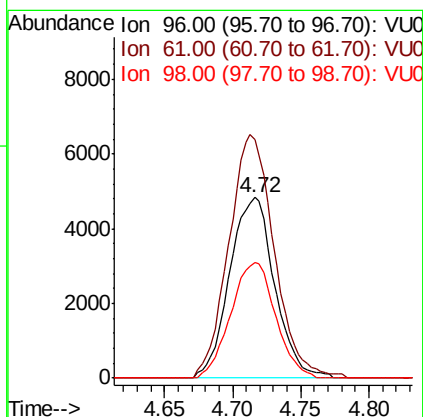
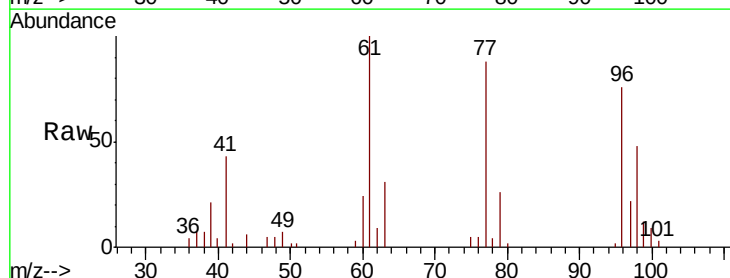
Instrument :
 MSVOA_U
 ClientSampleId :

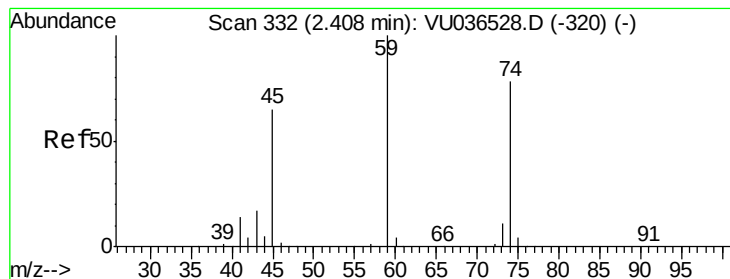
Tot Ion: 77 Resp: 14843
 Ion Ratio Lower Upper
 77 100
 97 23.7 19.0 28.4



#22
 cis-1,2-Dichloroethene
 Concen: 1.019 ug/l
 RT: 4.72 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VU036525.D
 Acq: 22 Jan 2020 14:51

Tgt Ion: 96 Resp: 11087
 Ion Ratio Lower Upper
 96 100
 61 135.8 0.0 342.0
 98 63.5 32.0 96.0





#23

Diethyl Ether

Concen: 0.881 ug/l

RT: 2.41 min Scan# 333

Delta R.T. 0.00 min

Lab File: VU036525.D

Acq: 22 Jan 2020 14:51

Instrument :

MSVOA_U

ClientSampleId :

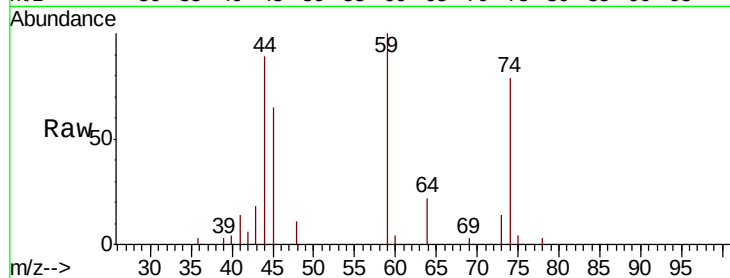
Tot Ion: 59 Resp: 7374

Ion Ratio Lower Upper

59 100

45 66.4 52.4 78.6

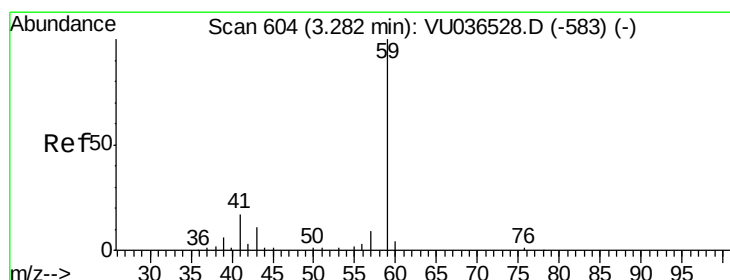
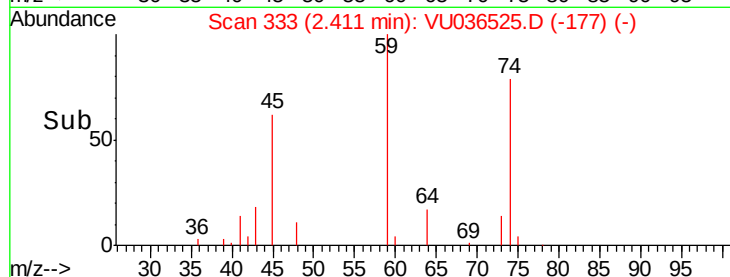
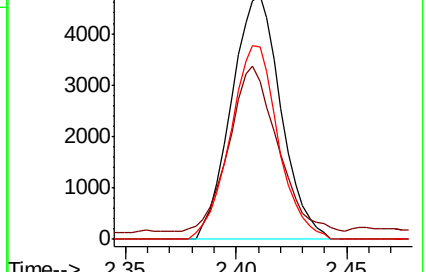
74 76.7 62.1 93.1



Abundance Ion 59.00 (58.70 to 59.70): VU036525.D (-177) (-)

Ion 45.00 (44.70 to 45.70): VU036525.D (-177) (-)

Ion 74.00 (73.70 to 74.70): VU036525.D (-177) (-)



#24

tert-Butyl Alcohol

Concen: 8.122 ug/l

RT: 3.29 min Scan# 606

Delta R.T. 0.01 min

Lab File: VU036525.D

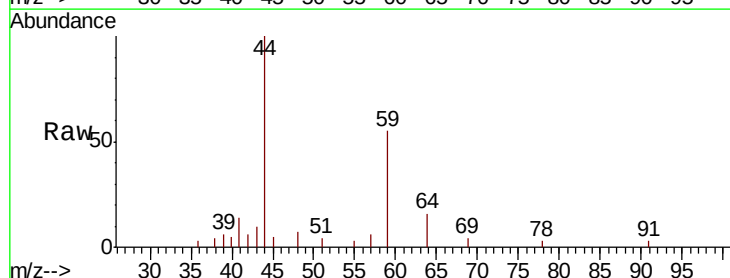
Acq: 22 Jan 2020 14:51

Tgt Ion: 59 Resp: 7033

Ion Ratio Lower Upper

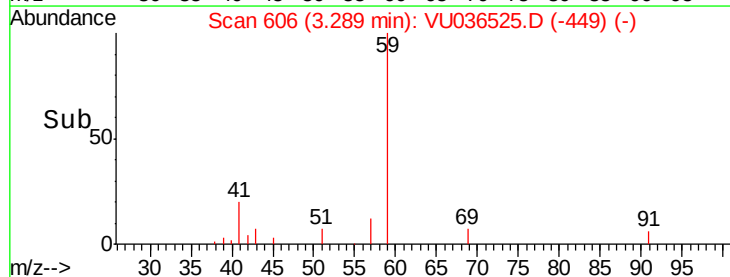
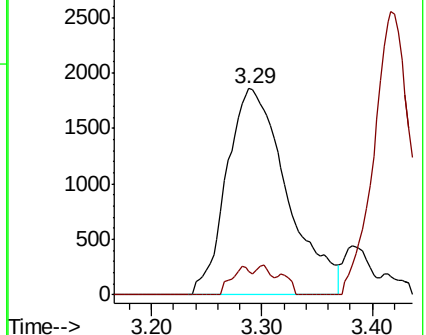
59 100

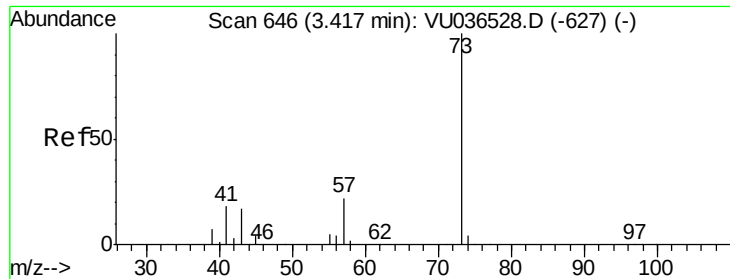
57 4.6 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VU036525.D (-449) (-)

Ion 57.00 (56.70 to 57.70): VU036525.D (-449) (-)





#25

Methyl tert-Butyl Ether

Concen: 0.829 ug/l

RT: 3.42 min Scan# 646

Delta R.T. -0.00 min

Lab File: VU036525.D

Acq: 22 Jan 2020 14:51

Instrument :

MSVOA_U

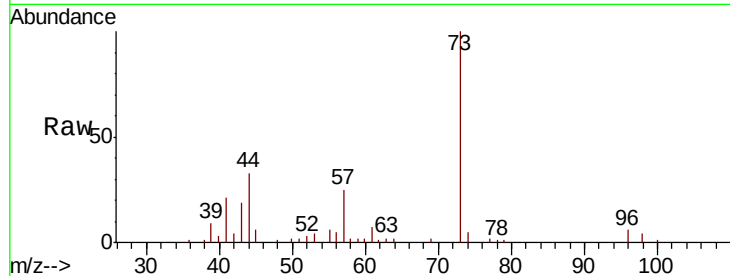
ClientSampleId :

Tot Ion: 73 Resp: 24358

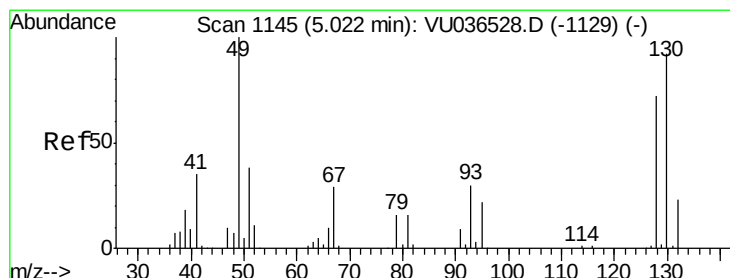
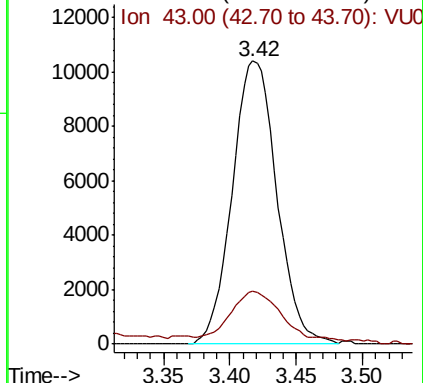
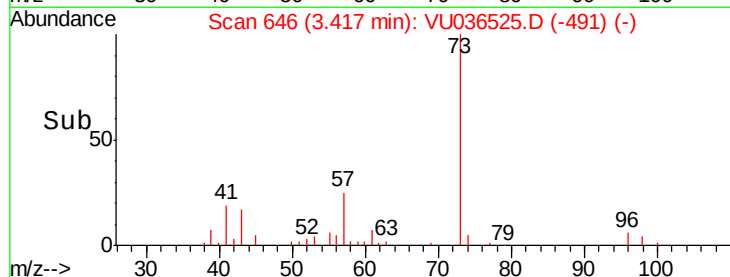
Ion Ratio Lower Upper

73 100

43 16.8 14.5 21.7



Abundance Ion 73.00 (72.70 to 73.70): VU036525.D (-491) (-)



#26

Bromochloromethane

Concen: 1.074 ug/l

RT: 5.02 min Scan# 1146

Delta R.T. 0.00 min

Lab File: VU036525.D

Acq: 22 Jan 2020 14:51

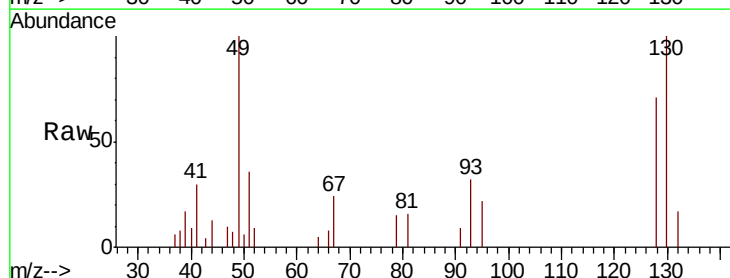
Tgt Ion: 128 Resp: 4680

Ion Ratio Lower Upper

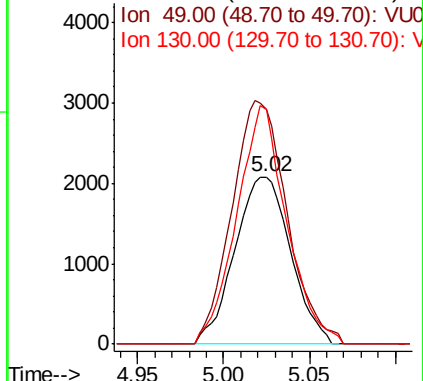
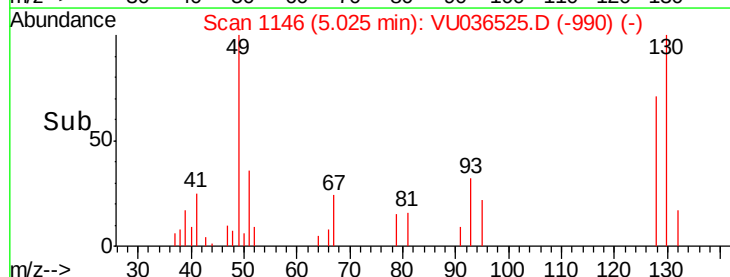
128 100

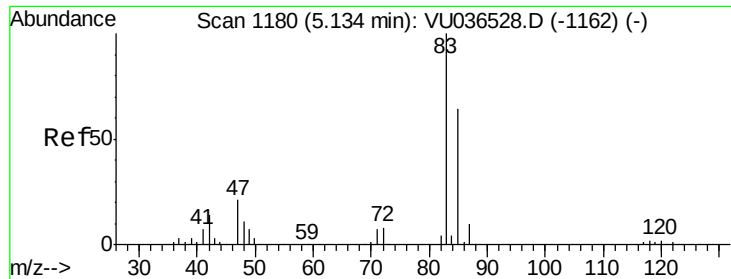
49 144.4 0.0 286.2

130 127.9 104.3 156.5



Abundance Ion 128.00 (127.70 to 128.70): VU036525.D (-990) (-)

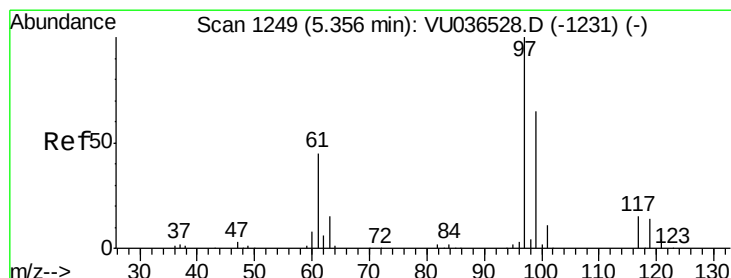
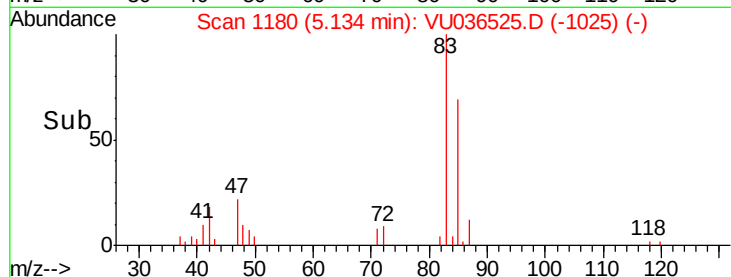
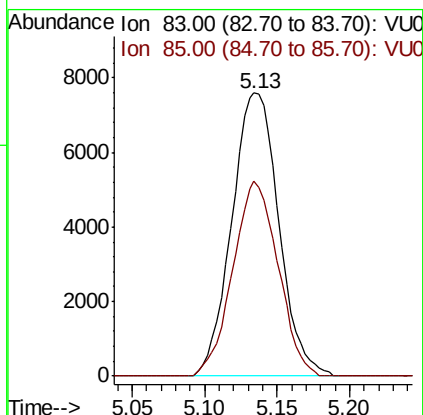
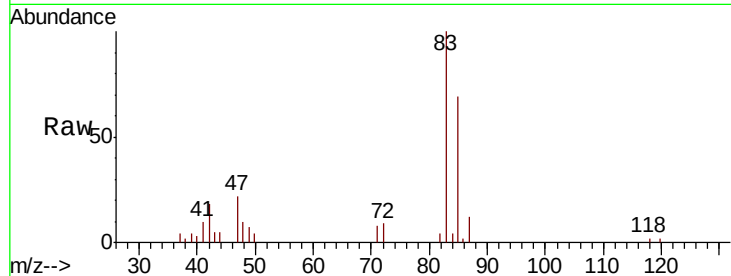




#27
Chloroform
Concen: 0.896 ug/l
RT: 5.13 min Scan# 1180
Delta R.T. -0.00 min
Lab File: VU036525.D
Acq: 22 Jan 2020 14:51

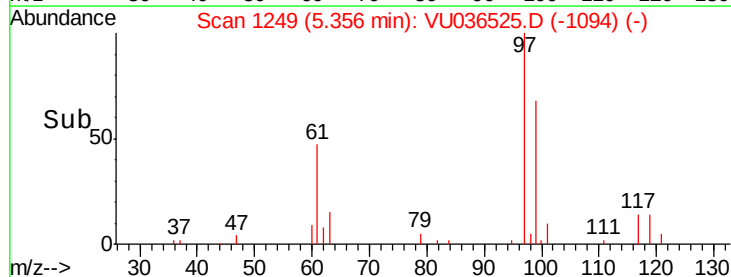
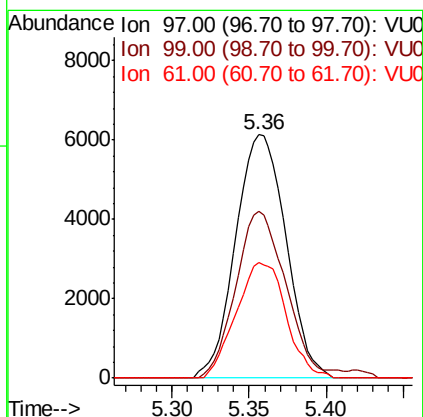
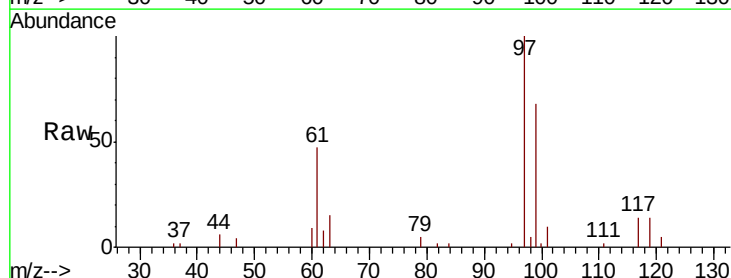
Instrument :
MSVOA_U
ClientSampleId :

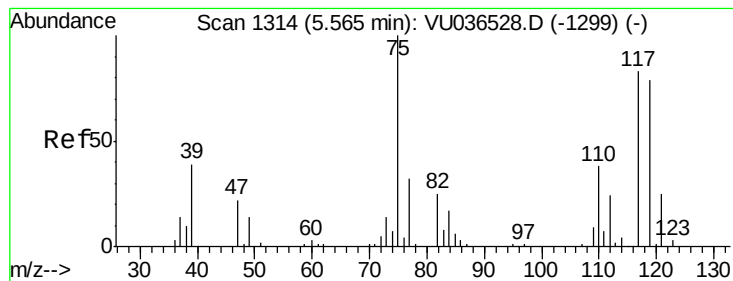
Tot Ion: 83 Resp: 17106
Ion Ratio Lower Upper
83 100
85 69.0 0.0 129.0



#28
1,1,1-Trichloroethane
Concen: 0.820 ug/l
RT: 5.36 min Scan# 1249
Delta R.T. -0.00 min
Lab File: VU036525.D
Acq: 22 Jan 2020 14:51

Tgt Ion: 97 Resp: 13864
Ion Ratio Lower Upper
97 100
99 70.0 32.1 96.3
61 47.2 22.7 68.0





#29

1,1-Dichloropropene

Concen: 0.891 ug/l

RT: 5.56 min Scan# 1314

Delta R.T. -0.00 min

Lab File: VU036525.D

Acq: 22 Jan 2020 14:51

Instrument :
MSVOA_U
ClientSampleId :

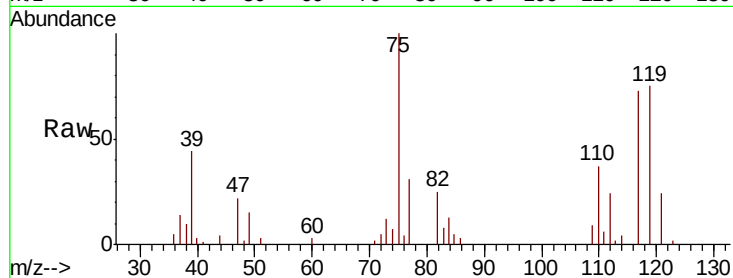
Tot Ion: 75 Resp: 13767

Ion Ratio Lower Upper

75 100

110 37.5 18.6 55.8

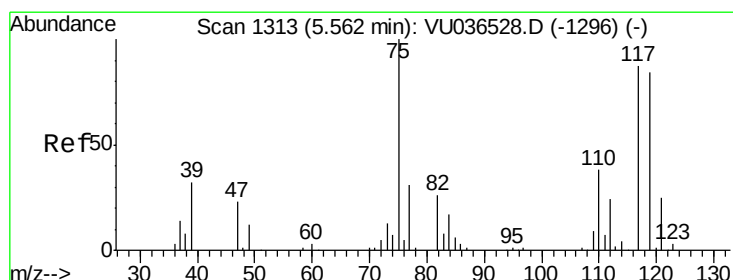
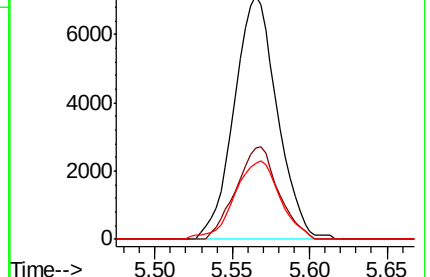
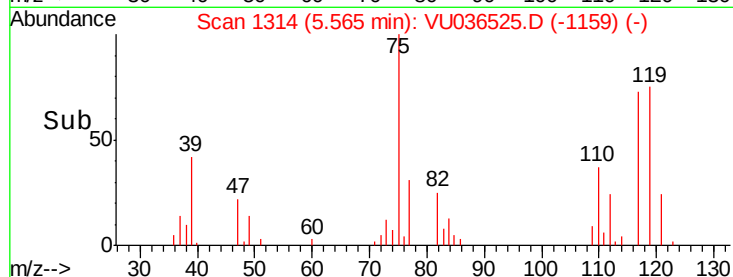
77 34.2 25.0 37.4



Abundance Ion 75.00 (74.70 to 75.70): VU036525.D (-1159) (-)

Ion 110.00 (109.70 to 110.70): VU036525.D (-1159) (-)

Ion 77.00 (76.70 to 77.70): VU036525.D (-1159) (-)



#30

Carbon Tetrachloride

Concen: 0.844 ug/l

RT: 5.56 min Scan# 1313

Delta R.T. -0.00 min

Lab File: VU036525.D

Acq: 22 Jan 2020 14:51

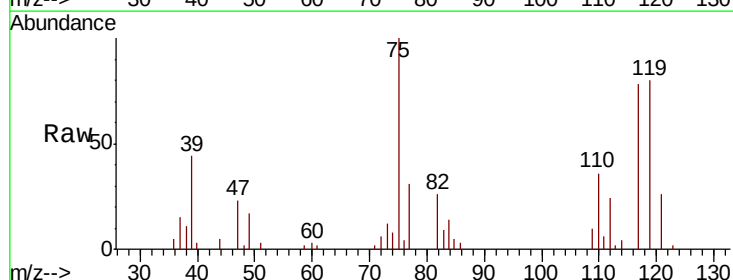
Tgt Ion: 117 Resp: 12010

Ion Ratio Lower Upper

117 100

119 102.8 77.0 115.6

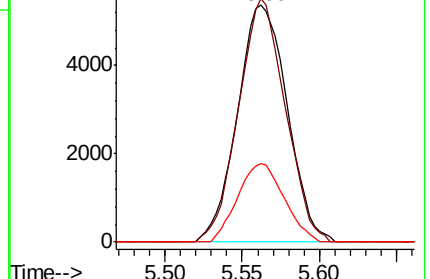
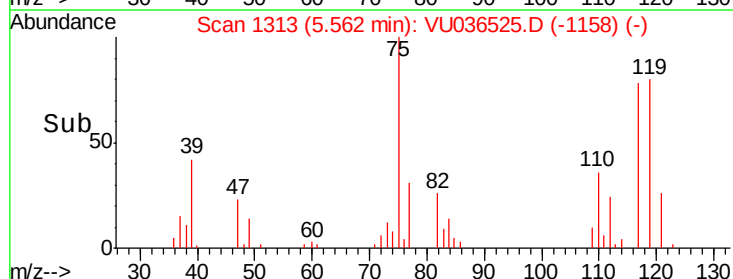
121 33.0 23.3 34.9

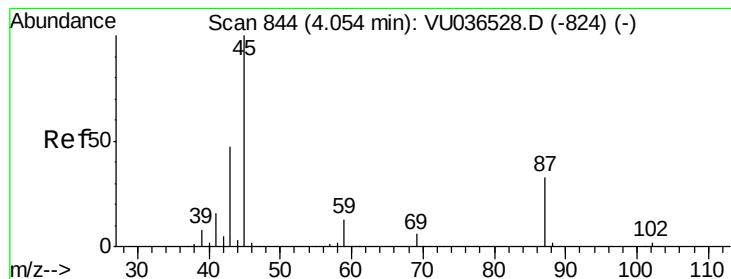


Abundance Ion 117.00 (116.70 to 117.70): VU036525.D (-1158) (-)

Ion 119.00 (118.70 to 119.70): VU036525.D (-1158) (-)

Ion 121.00 (120.70 to 121.70): VU036525.D (-1158) (-)





#31

Isopropyl Ether

Concen: 0.805 ug/l

RT: 4.06 min Scan# 845

Delta R.T. 0.00 min

Lab File: VU036525.D

Acq: 22 Jan 2020 14:51

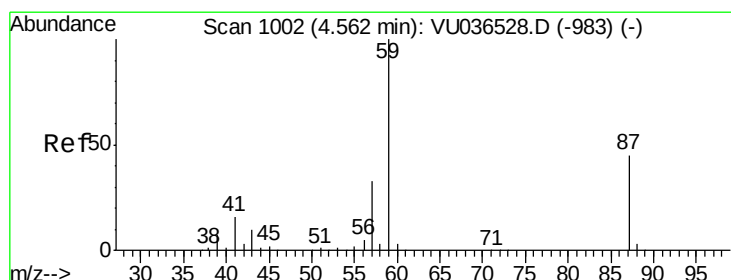
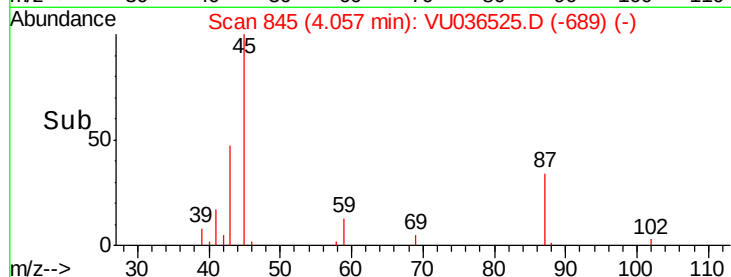
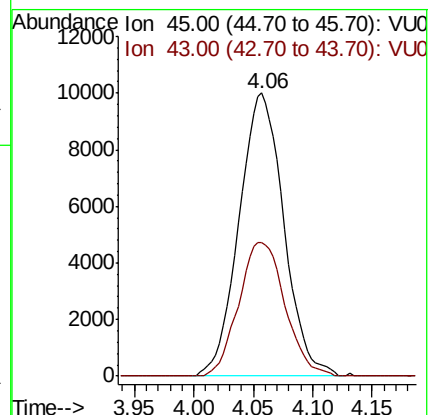
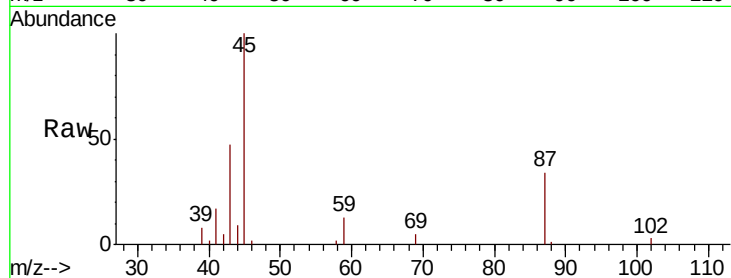
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 45 Resp: 26002

Ion Ratio Lower Upper

45 100

43 48.9 24.0 72.0



#32

Ethyl-t-butyl ether

Concen: 0.854 ug/l

RT: 4.56 min Scan# 1003

Delta R.T. 0.00 min

Lab File: VU036525.D

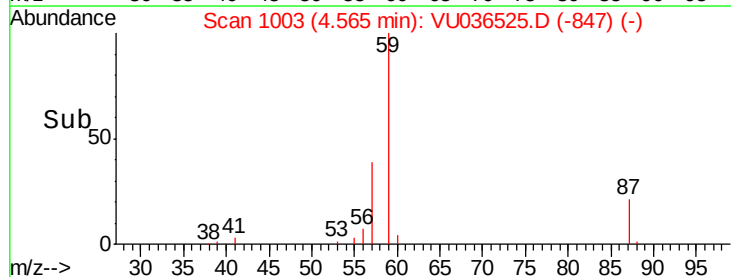
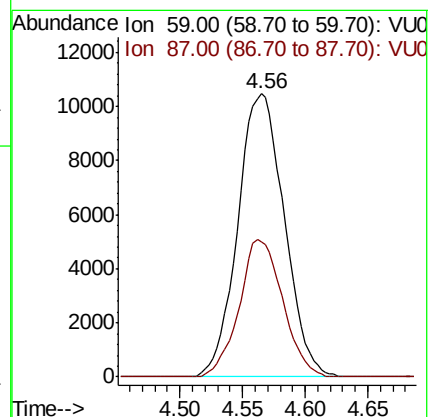
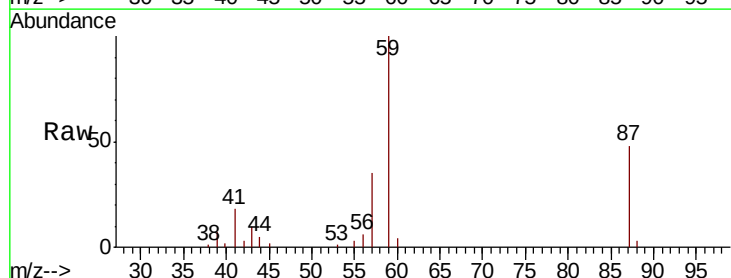
Acq: 22 Jan 2020 14:51

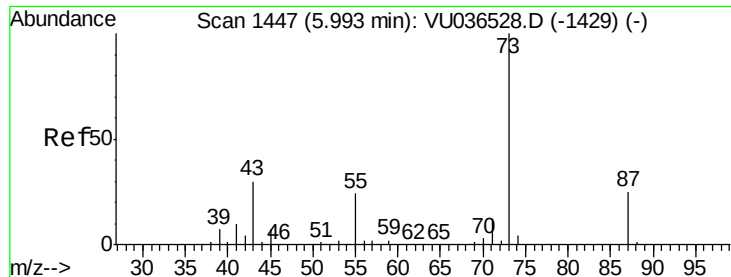
Tgt Ion: 59 Resp: 26971

Ion Ratio Lower Upper

59 100

87 45.3 35.1 52.7



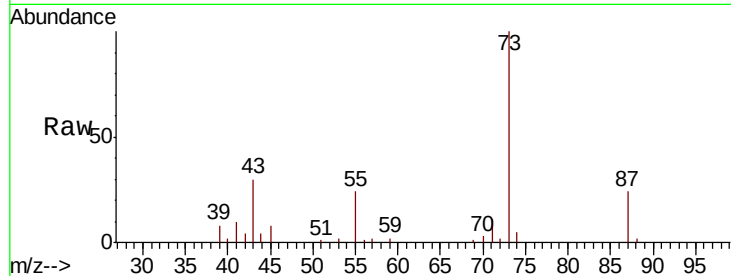


#33

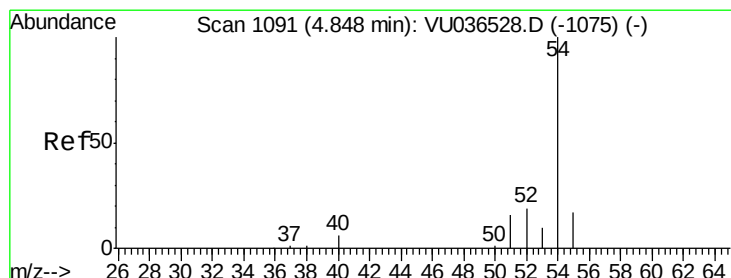
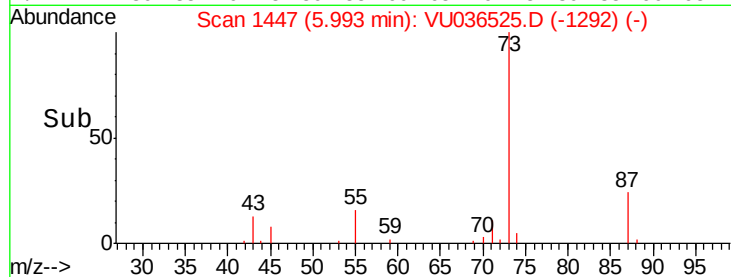
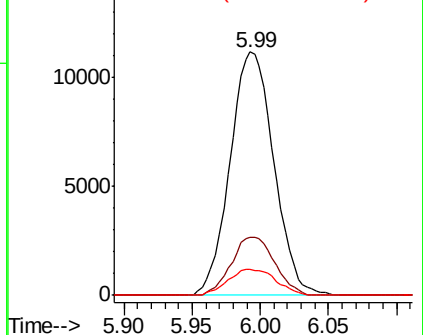
Tert-Butyl methyl ether
 Concen: 0.867 ug/l
 RT: 5.99 min Scan# 1447
 Delta R.T. -0.00 min
 Lab File: VU036525.D
 Acq: 22 Jan 2020 14:51

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 73 Resp: 24894
 Ion Ratio Lower Upper
 73 100
 87 23.7 19.8 29.6
 71 11.6 9.1 13.7



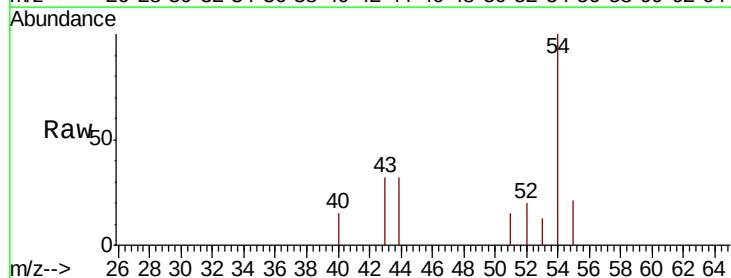
Abundance Ion 73.00 (72.70 to 73.70): VU0
 Ion 87.00 (86.70 to 87.70): VU0
 Ion 71.00 (70.70 to 71.70): VU0



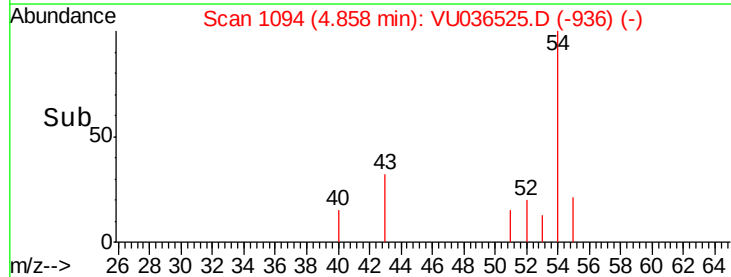
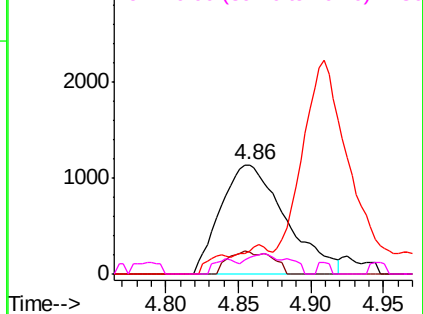
#34

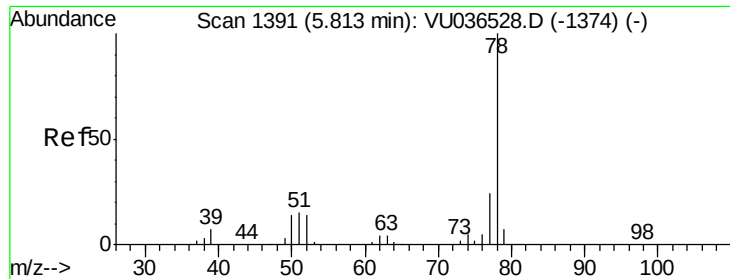
Propionitrile
 Concen: 4.086 ug/l
 RT: 4.86 min Scan# 1094
 Delta R.T. 0.01 min
 Lab File: VU036525.D
 Acq: 22 Jan 2020 14:51

Tgt Ion: 54 Resp: 3545
 Ion Ratio Lower Upper
 54 100
 52 14.0 15.2 22.8#
 55 0.0 9.5 14.3#
 40 4.2 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: 0.928 ug/l

RT: 5.82 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VU036525.D

Acq: 22 Jan 2020 14:51

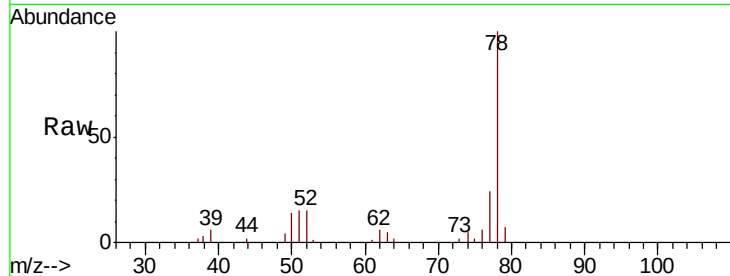
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 78 Resp: 40114

Ion Ratio Lower Upper

78 100

77 24.5 19.4 29.0



Abundance Ion 78.10 (77.80 to 78.80): VU036525.D (-1236) (-)

Ion 77.00 (76.70 to 77.70): VU036525.D (-1236) (-)

5.82

20000

15000

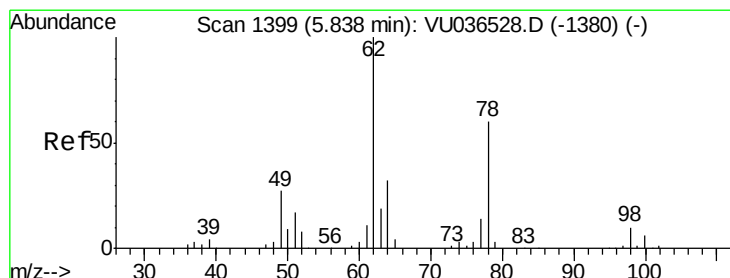
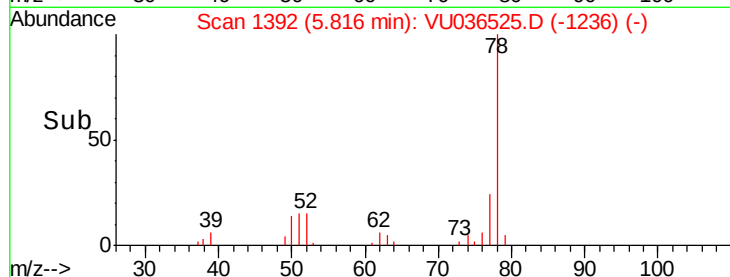
10000

5000

0

Time-->

5.75 5.80 5.85 5.90



#36

1,2-Dichloroethane

Concen: 0.793 ug/l

RT: 5.84 min Scan# 1400

Delta R.T. 0.00 min

Lab File: VU036525.D

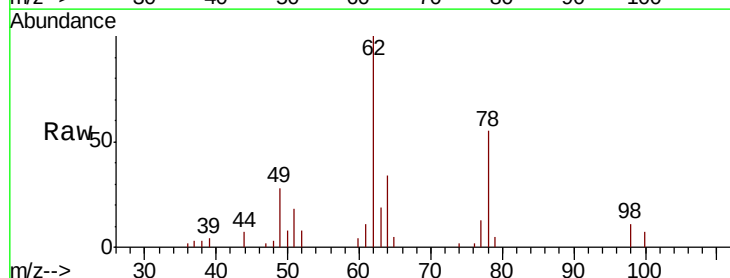
Acq: 22 Jan 2020 14:51

Tgt Ion: 62 Resp: 10970

Ion Ratio Lower Upper

62 100

98 9.9 7.8 11.8



Abundance Ion 62.00 (61.70 to 62.70): VU036525.D (-1244) (-)

Ion 98.00 (97.70 to 98.70): VU036525.D (-1244) (-)

5.84

6000

5000

4000

3000

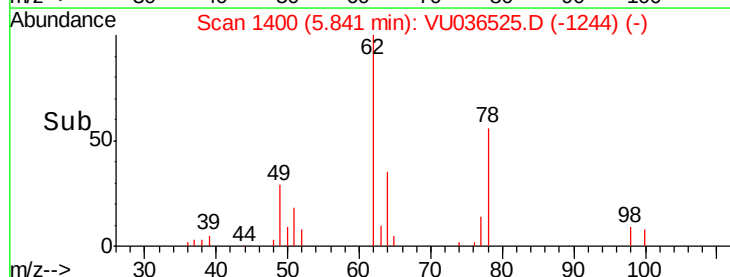
2000

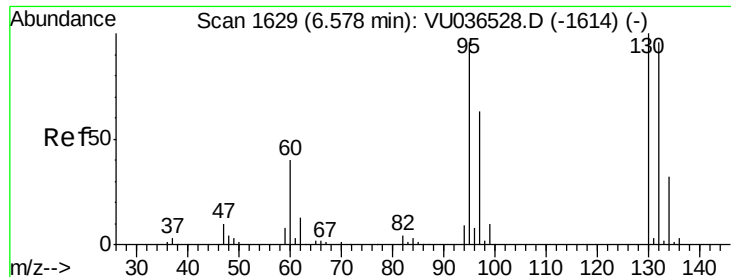
1000

0

Time-->

5.75 5.80 5.85 5.90

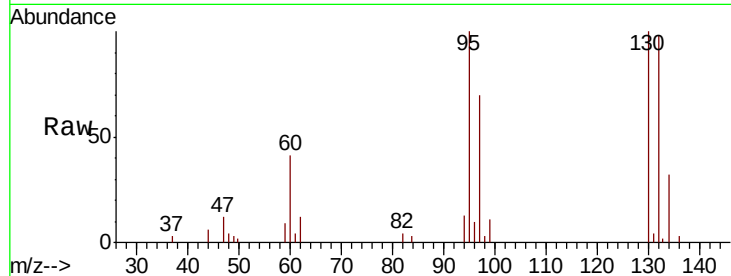




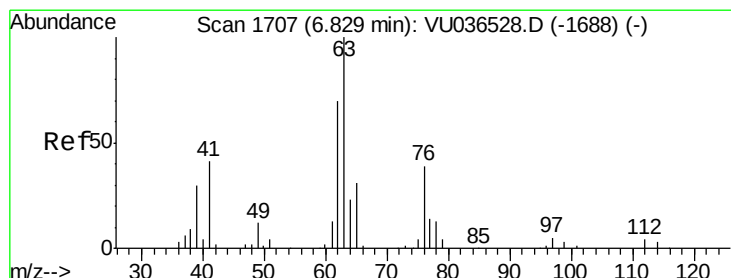
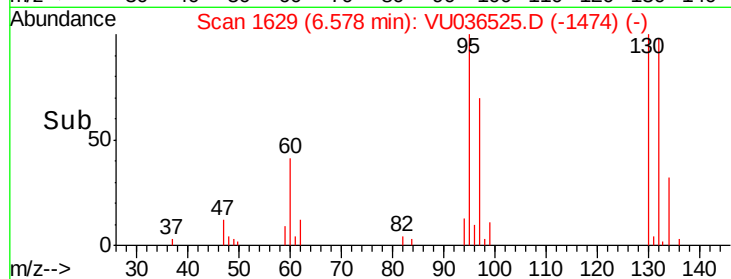
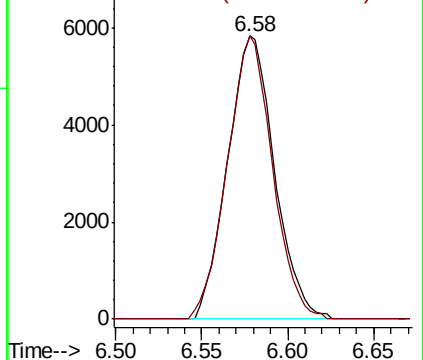
#37
 Trichloroethene
 Concen: 1.050 ug/l
 RT: 6.58 min Scan# 1629
 Delta R.T. -0.00 min
 Lab File: VU036525.D
 Acq: 22 Jan 2020 14:51

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:130 Resp: 11011
 Ion Ratio Lower Upper
 130 100
 95 100.0 77.0 115.4

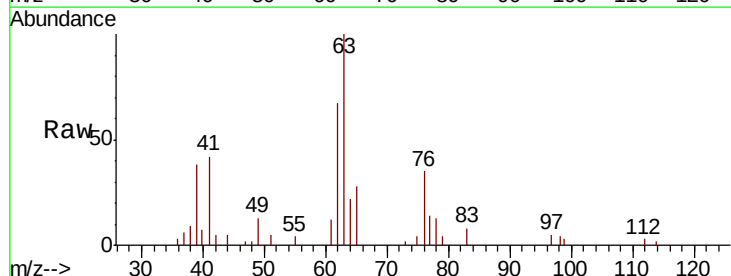


Abundance Ion 129.90 (129.60 to 130.60): VU036525.D (-1474) (-)
 Ion 94.90 (94.60 to 95.60): VU036525.D (-1474) (-)

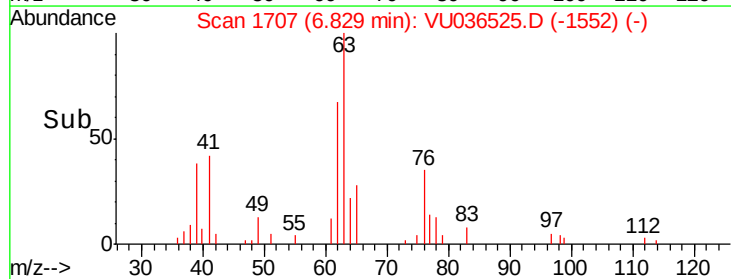
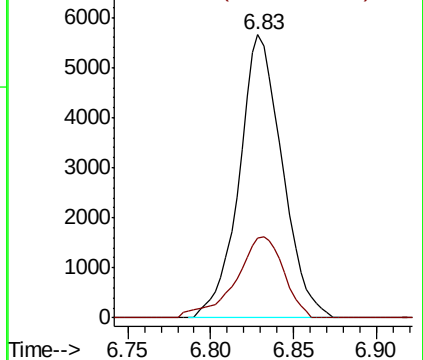


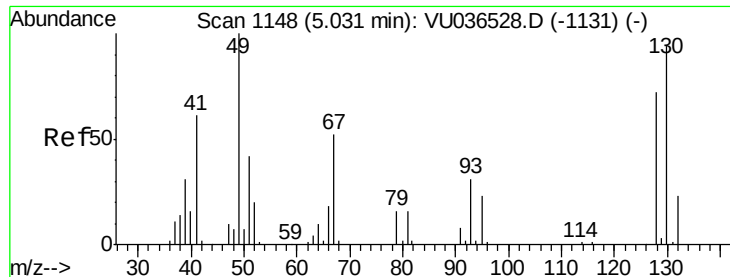
#38
 1,2-Dichloropropane
 Concen: 0.900 ug/l
 RT: 6.83 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: VU036525.D
 Acq: 22 Jan 2020 14:51

Tgt Ion: 63 Resp: 10207
 Ion Ratio Lower Upper
 63 100
 65 28.3 24.7 37.1



Abundance Ion 63.00 (62.70 to 63.70): VU036525.D (-1552) (-)
 Ion 65.00 (64.70 to 65.70): VU036525.D (-1552) (-)





#39

Methacrylonitrile

Concen: 0.706 ug/l

RT: 5.03 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VU036525.D

Acq: 22 Jan 2020 14:51

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 41 Resp: 2901

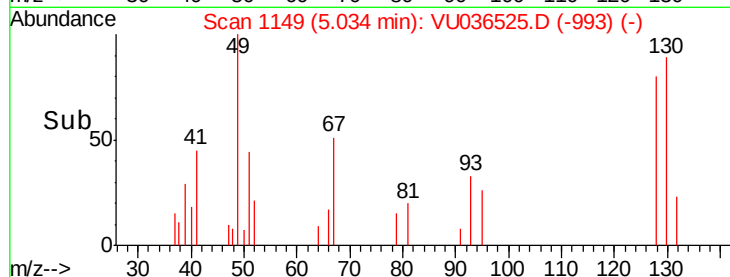
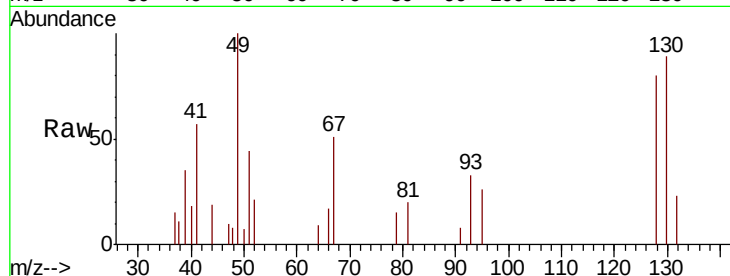
Ion Ratio Lower Upper

41 100

67 81.1 69.6 104.4

39 57.2 41.6 62.4

52 26.2 25.9 38.9

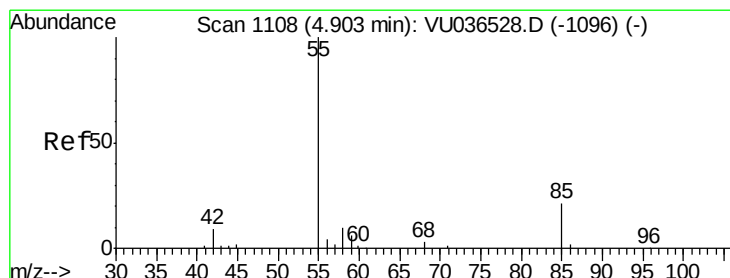
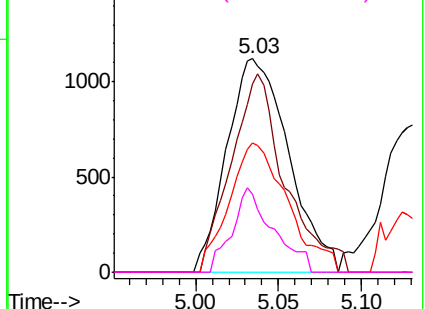


Abundance Ion 41.00 (40.70 to 41.70): VU036525.D (-993) (-)

Ion 67.00 (66.70 to 67.70): VU036525.D (-993) (-)

Ion 39.00 (38.70 to 39.70): VU036525.D (-993) (-)

Ion 52.00 (51.70 to 52.70): VU036525.D (-993) (-)



#40

Methyl acrylate

Concen: 0.666 ug/l

RT: 4.91 min Scan# 1110

Delta R.T. 0.01 min

Lab File: VU036525.D

Acq: 22 Jan 2020 14:51

Tgt Ion: 55 Resp: 4062

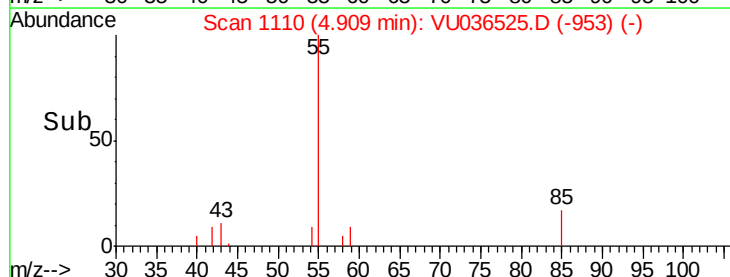
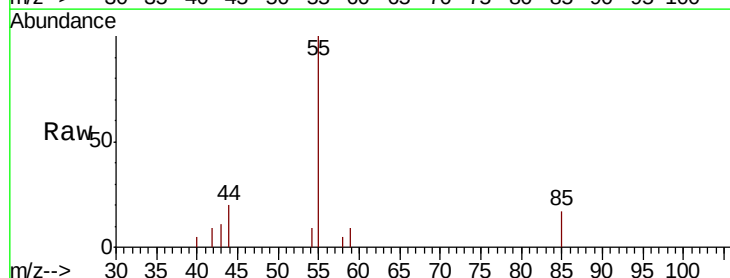
Ion Ratio Lower Upper

55 100

85 18.1 14.7 22.1

58 3.4 7.1 10.7#

42 9.9 6.9 10.3

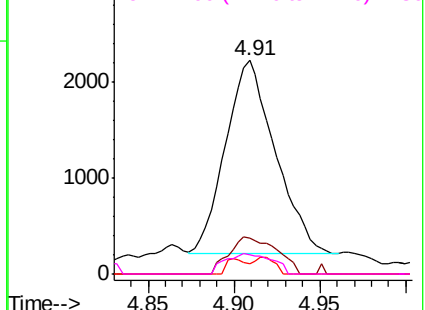


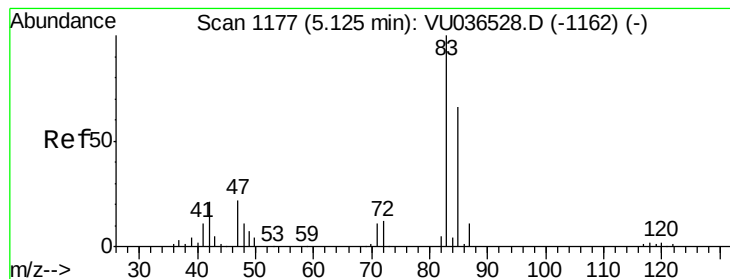
Abundance Ion 55.00 (54.70 to 55.70): VU036525.D (-953) (-)

Ion 85.00 (84.70 to 85.70): VU036525.D (-953) (-)

Ion 58.00 (57.70 to 58.70): VU036525.D (-953) (-)

Ion 42.00 (41.70 to 42.70): VU036525.D (-953) (-)





#41

Tetrahydrofuran

Concen: 1.462 ug/l

RT: 5.13 min Scan# 1180

Delta R.T. 0.01 min

Lab File: VU036525.D

Acq: 22 Jan 2020 14:51

Instrument :

MSVOA_U

ClientSampleId :

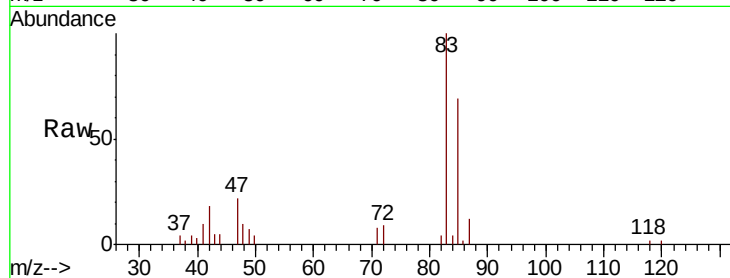
Tot Ion: 42 Resp: 3116

Ion Ratio Lower Upper

42 100

72 31.5 42.5 63.7#

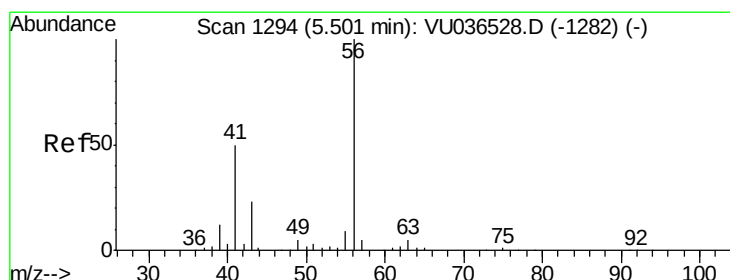
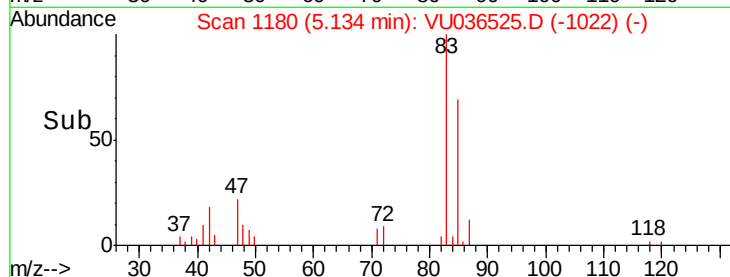
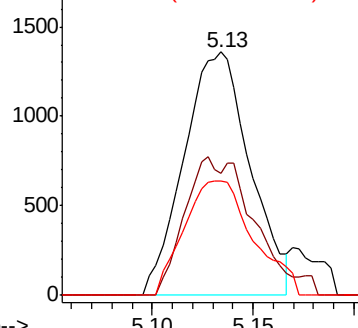
71 48.9 37.3 55.9



Abundance Ion 42.00 (41.70 to 42.70): VU036525.D (-1162) (-)

Ion 72.00 (71.70 to 72.70): VU036525.D (-1162) (-)

Ion 71.00 (70.70 to 71.70): VU036525.D (-1162) (-)



#42

1-Chlorobutane

Concen: 0.823 ug/l

RT: 5.50 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VU036525.D

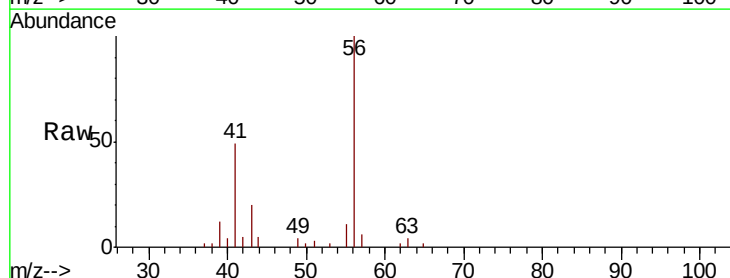
Acq: 22 Jan 2020 14:51

Tgt Ion: 56 Resp: 18411

Ion Ratio Lower Upper

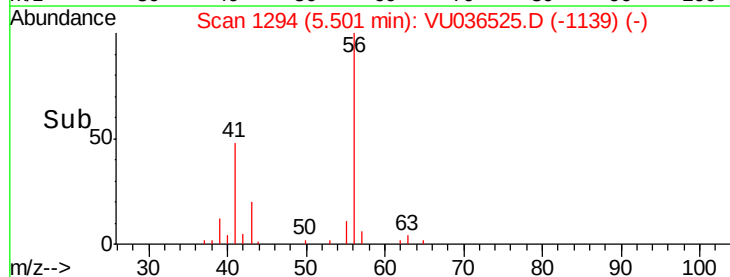
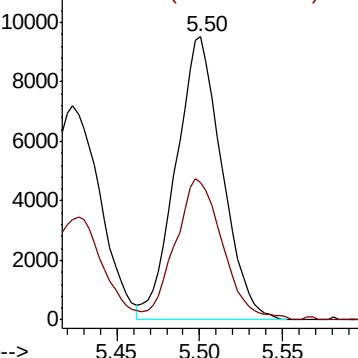
56 100

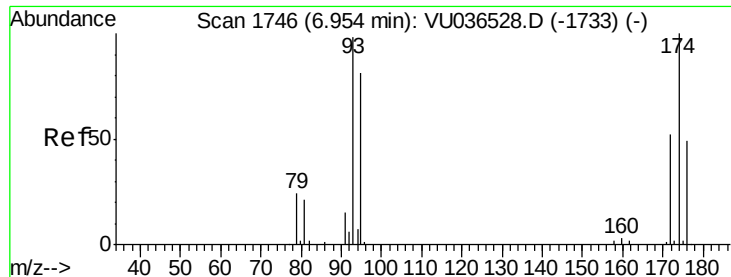
41 51.2 24.8 74.3



Abundance Ion 56.00 (55.70 to 56.70): VU036525.D (-1139) (-)

Ion 41.00 (40.70 to 41.70): VU036525.D (-1139) (-)

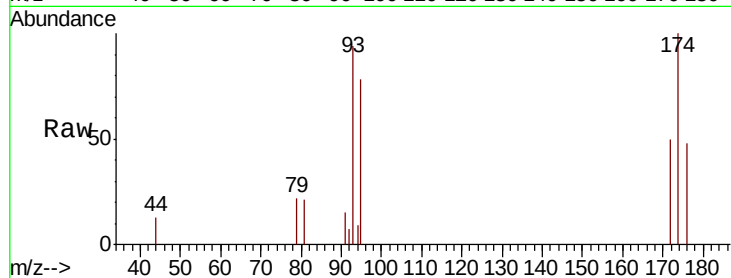




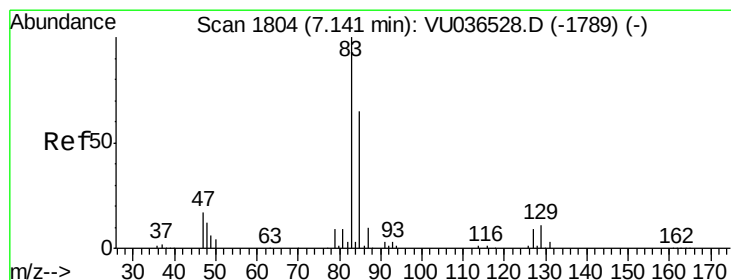
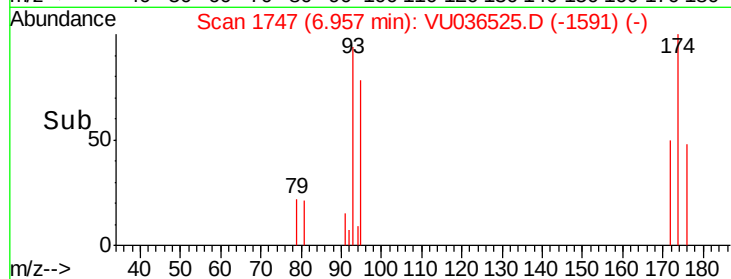
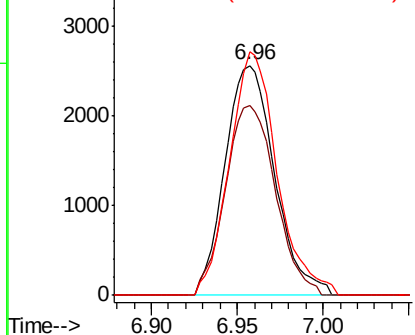
#43
Dibromomethane
Concen: 0.888 ug/l
RT: 6.96 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VU036525.D
Acq: 22 Jan 2020 14:51

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 93 Resp: 5173
Ion Ratio Lower Upper
93 100
95 83.2 67.9 101.9
174 101.7 83.4 125.0

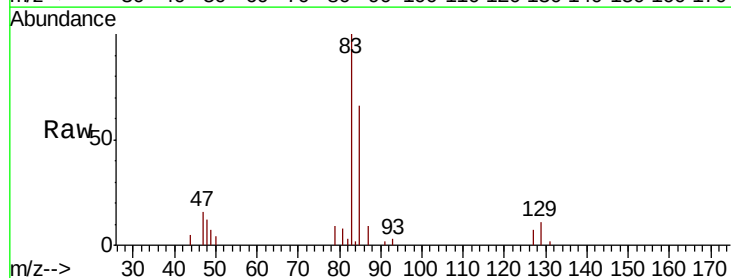


Abundance Ion 93.00 (92.70 to 93.70): VU0
Ion 95.00 (94.70 to 95.70): VU0
Ion 174.00 (173.70 to 174.70): V

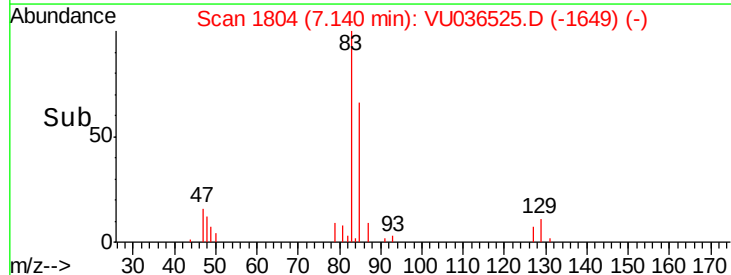
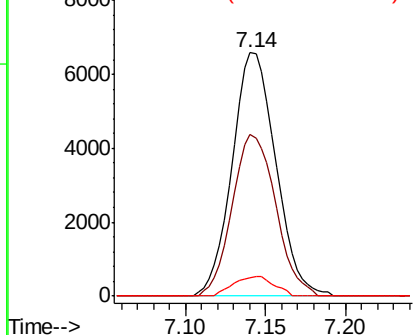


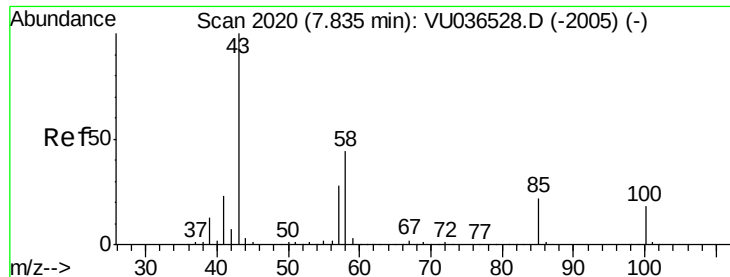
#44
Bromodichloromethane
Concen: 0.817 ug/l
RT: 7.14 min Scan# 1804
Delta R.T. -0.00 min
Lab File: VU036525.D
Acq: 22 Jan 2020 14:51

Tgt Ion: 83 Resp: 12253
Ion Ratio Lower Upper
83 100
85 66.4 51.8 77.6
127 7.5 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: 3.632 ug/l

RT: 7.84 min Scan# 2021

Delta R.T. 0.00 min

Lab File: VU036525.D

Acq: 22 Jan 2020 14:51

Instrument :
MSVOA_U
ClientSampleId :

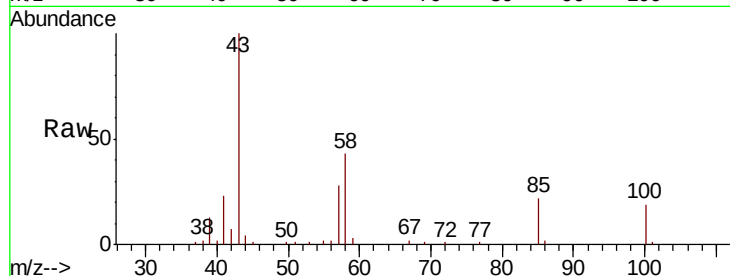
Tot Ion: 43 Resp: 29274

Ion Ratio Lower Upper

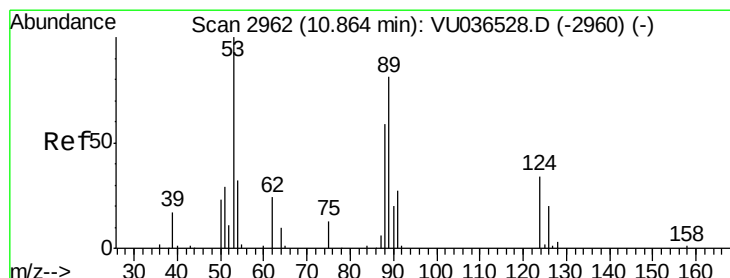
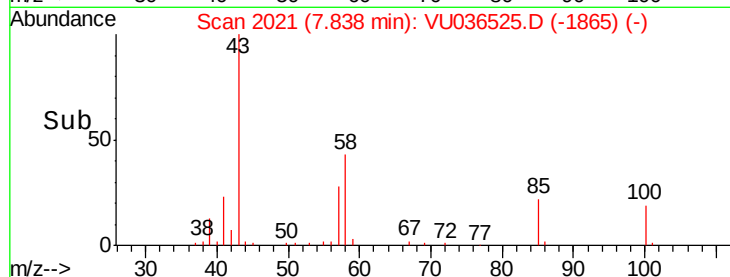
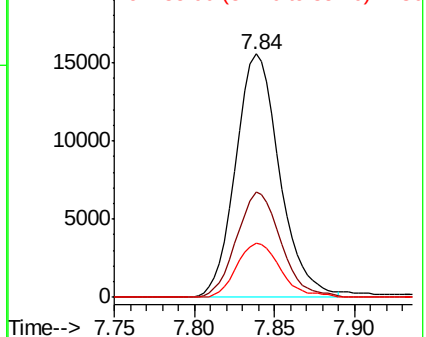
43 100

58 43.4 22.1 66.1

85 22.0 17.4 26.0



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



#46

t-1,4-Dichloro-2-butene

Concen: 3.268 ug/l

RT: 10.85 min Scan# 2958

Delta R.T. -0.01 min

Lab File: VU036525.D

Acq: 22 Jan 2020 14:51

Tgt Ion: 75 Resp: 10691

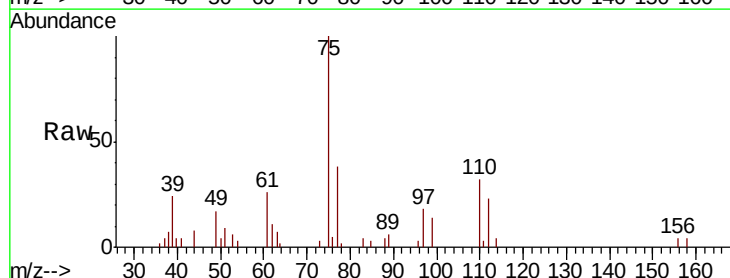
Ion Ratio Lower Upper

75 100

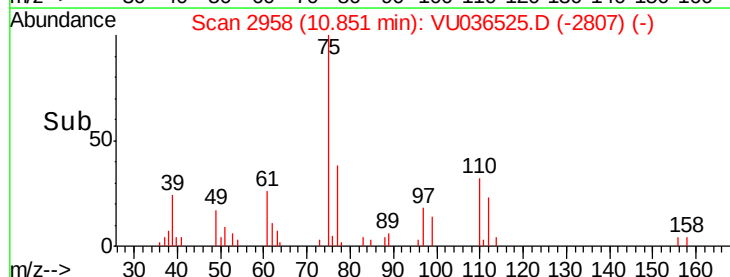
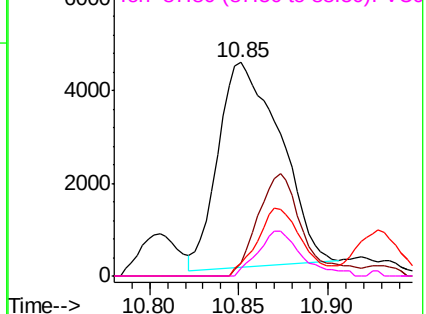
53 36.1 52.2 78.2#

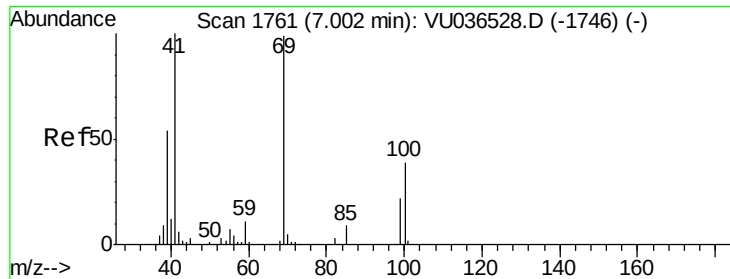
89 23.8 39.8 59.6#

88 15.6 27.4 41.2#



Abundance Ion 74.90 (74.60 to 75.60): VU0
Ion 53.00 (52.70 to 53.70): VU0
Ion 88.80 (88.50 to 89.50): VU0
Ion 87.80 (87.50 to 88.50): VU0

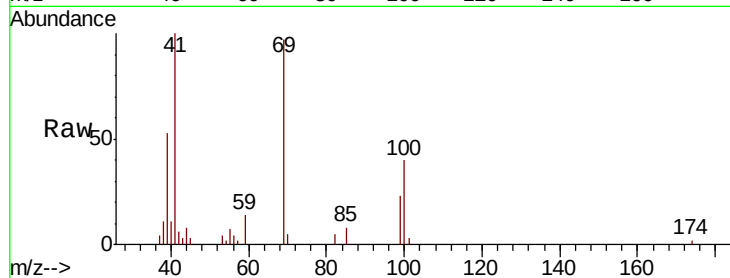




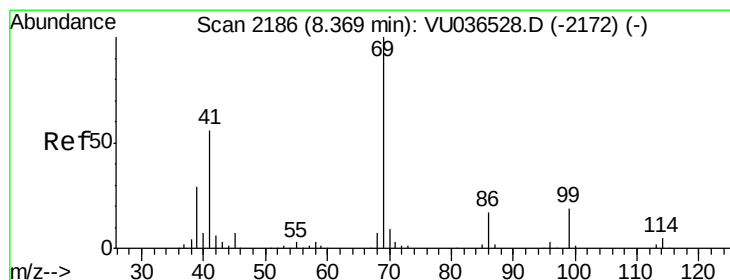
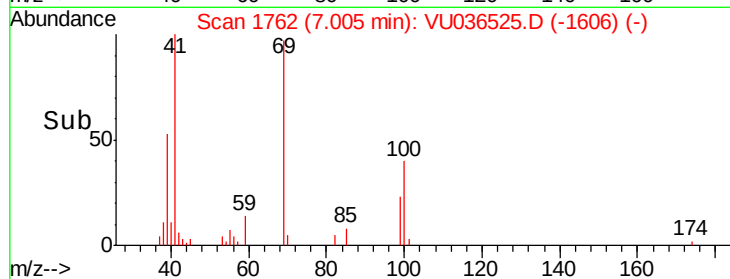
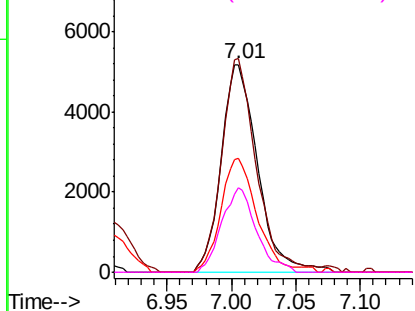
#47
Methyl methacrylate
Concen: 1.827 ug/l
RT: 7.01 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VU036525.D
Acq: 22 Jan 2020 14:51

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 69 Resp: 10152
Ion Ratio Lower Upper
69 100
41 98.4 0.0 200.8
39 53.9 43.5 65.3
100 38.7 31.1 46.7

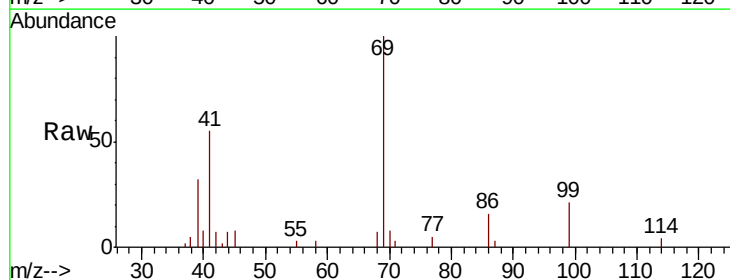


Abundance Ion 69.00 (68.70 to 69.70): VU0
Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 100.00 (99.70 to 100.70): VU0

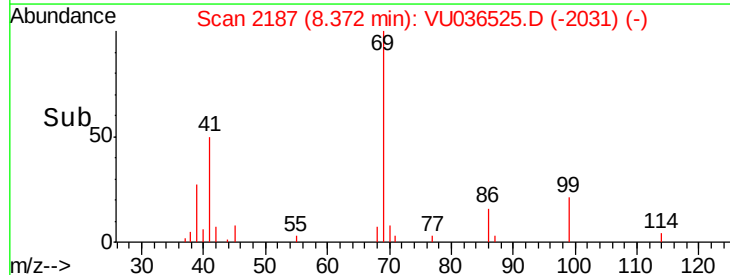
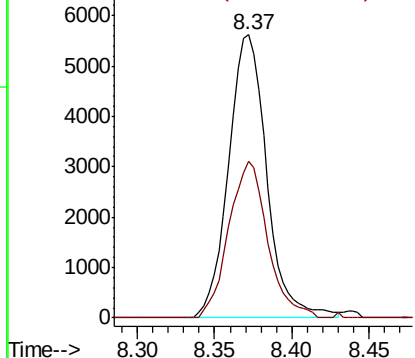


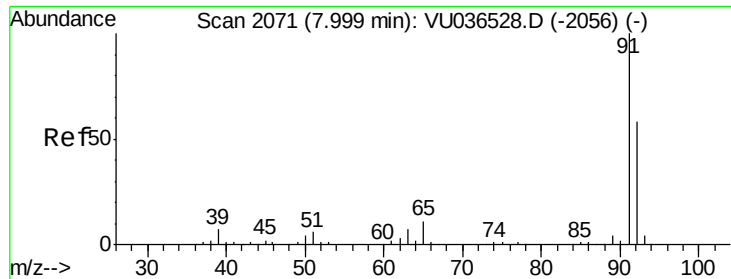
#48
Ethyl methacrylate
Concen: 0.877 ug/l
RT: 8.37 min Scan# 2187
Delta R.T. 0.00 min
Lab File: VU036525.D
Acq: 22 Jan 2020 14:51

Tgt Ion: 69 Resp: 9629
Ion Ratio Lower Upper
69 100
41 56.1 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: 0.967 ug/l

RT: 8.00 min Scan# 2072

Delta R.T. 0.00 min

Lab File: VU036525.D

Acq: 22 Jan 2020 14:51

Instrument :

MSVOA_U

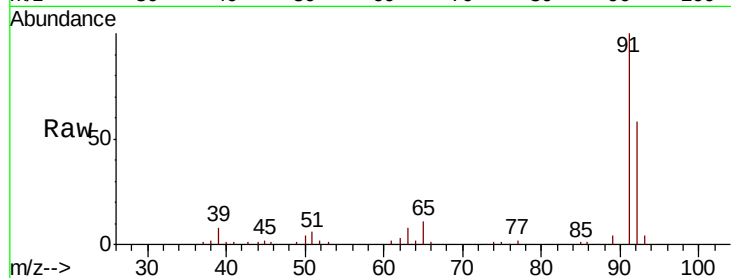
ClientSampleId :

Tot Ion: 92 Resp: 25913

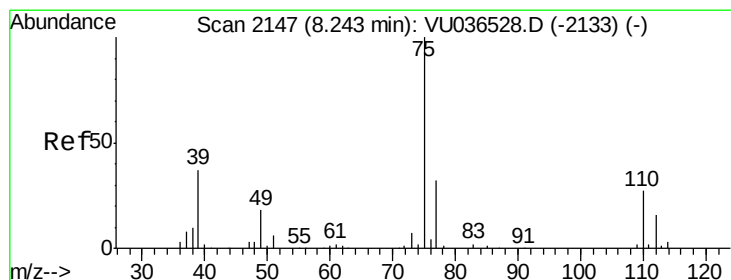
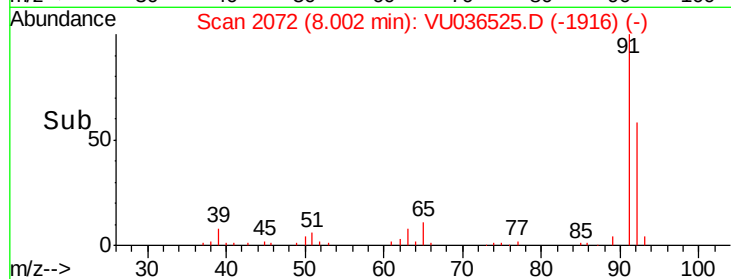
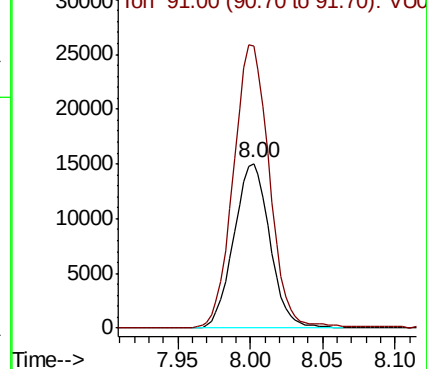
Ion Ratio Lower Upper

92 100

91 173.5 139.1 208.7



Abundance Ion 92.00 (91.70 to 92.70): VU036525.D (-1916) (-)



#50

t-1,3-Dichloropropene

Concen: 0.799 ug/l

RT: 8.24 min Scan# 2147

Delta R.T. -0.00 min

Lab File: VU036525.D

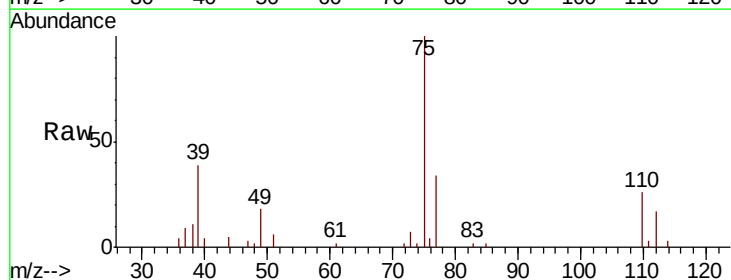
Acq: 22 Jan 2020 14:51

Tgt Ion: 75 Resp: 11758

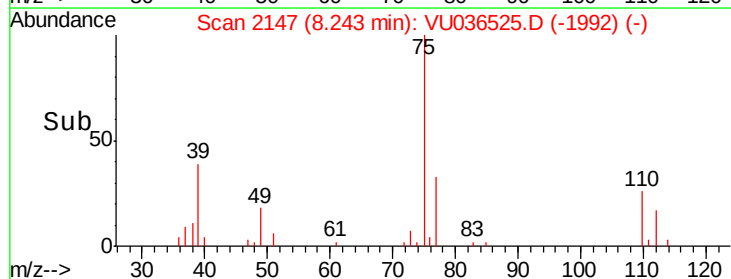
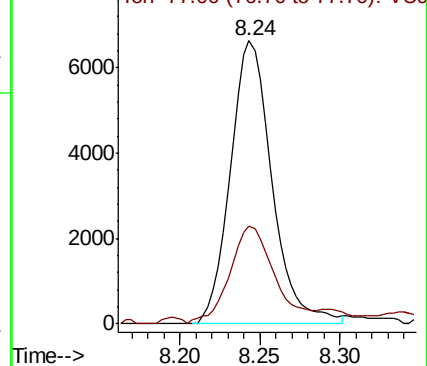
Ion Ratio Lower Upper

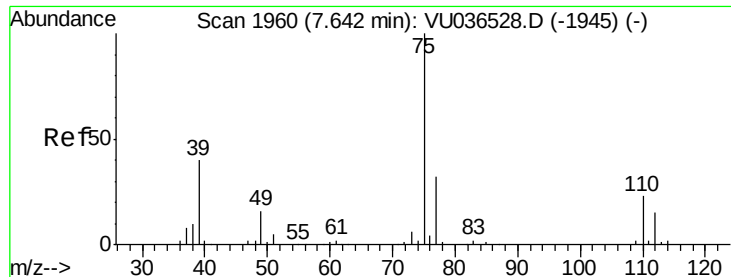
75 100

77 32.8 25.4 38.2



Abundance Ion 75.00 (74.70 to 75.70): VU036525.D (-1992) (-)

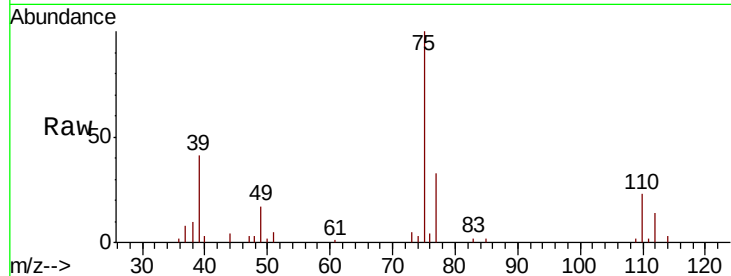




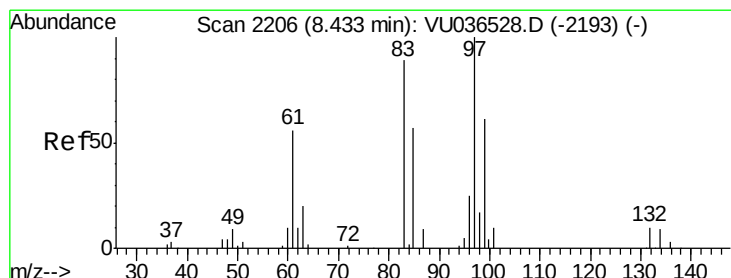
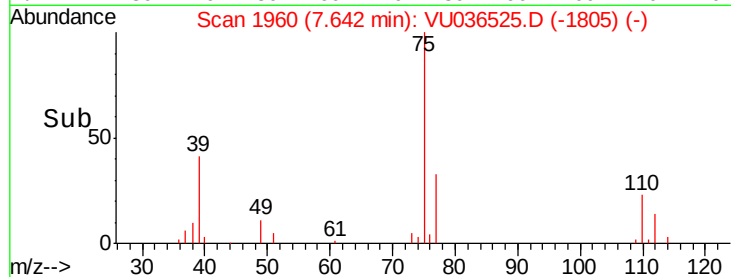
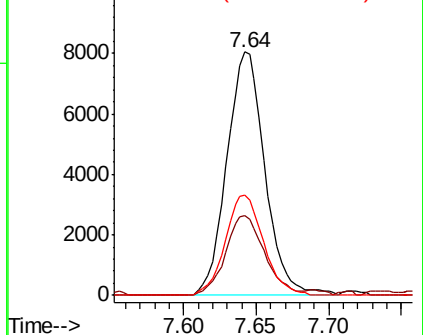
#51
 cis-1,3-Dichloropropene
 Concen: 0.863 ug/l
 RT: 7.64 min Scan# 1960
 Delta R.T. -0.00 min
 Lab File: VU036525.D
 Acq: 22 Jan 2020 14:51

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 75 Resp: 14686
 Ion Ratio Lower Upper
 75 100
 77 32.6 25.3 37.9
 39 41.2 31.8 47.6

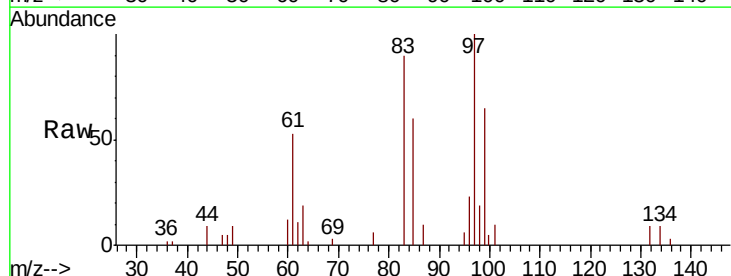


Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 77.00 (76.70 to 77.70): VU0
 Ion 39.00 (38.70 to 39.70): VU0

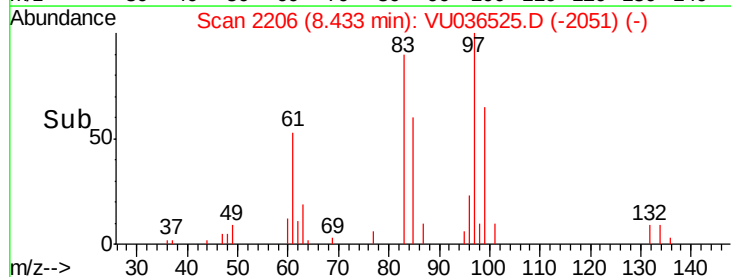
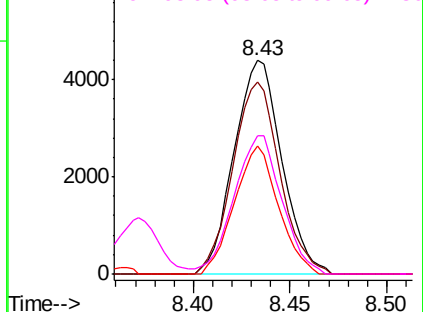


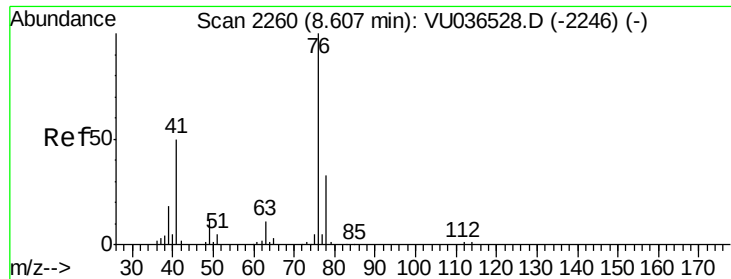
#52
 1,1,2-Trichloroethane
 Concen: 0.976 ug/l
 RT: 8.43 min Scan# 2206
 Delta R.T. -0.00 min
 Lab File: VU036525.D
 Acq: 22 Jan 2020 14:51

Tgt Ion: 97 Resp: 7544
 Ion Ratio Lower Upper
 97 100
 83 90.0 70.9 106.3
 85 59.7 45.6 68.4
 99 64.9 51.0 76.4



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

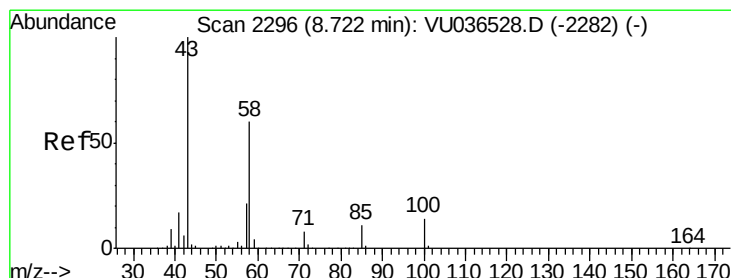
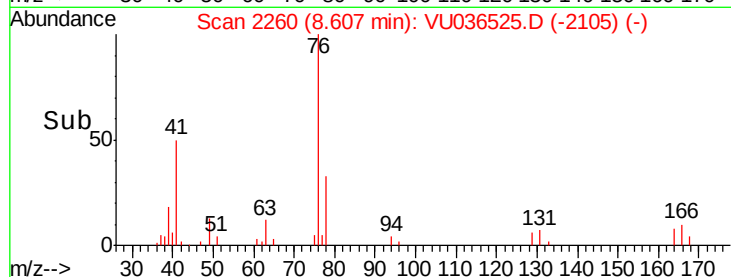
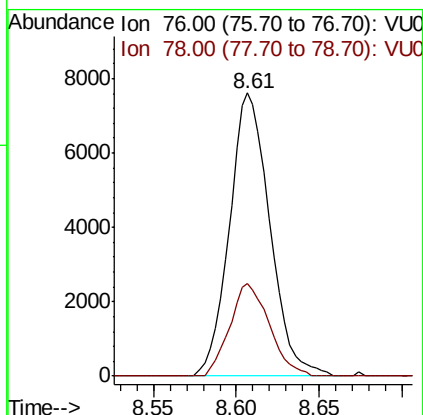
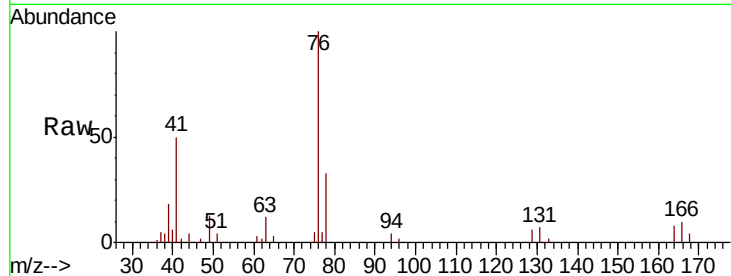




#53
 1,3-Dichloropropane
 Concen: 0.893 ug/l
 RT: 8.61 min Scan# 2260
 Delta R.T. -0.00 min
 Lab File: VU036525.D
 Acq: 22 Jan 2020 14:51

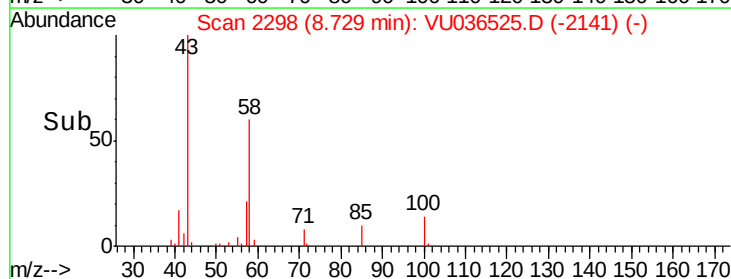
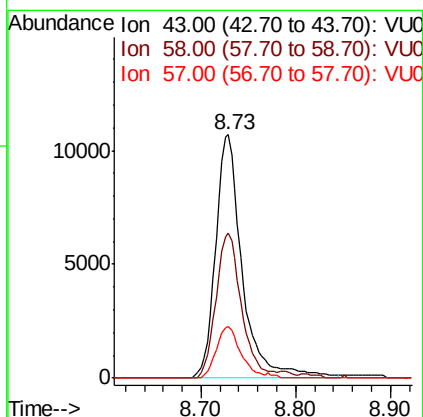
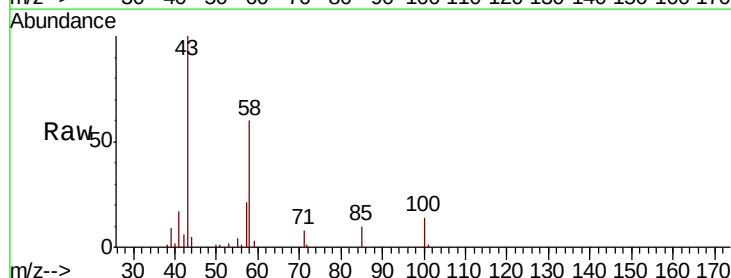
Instrument :
 MSVOA_U
 ClientSampled :

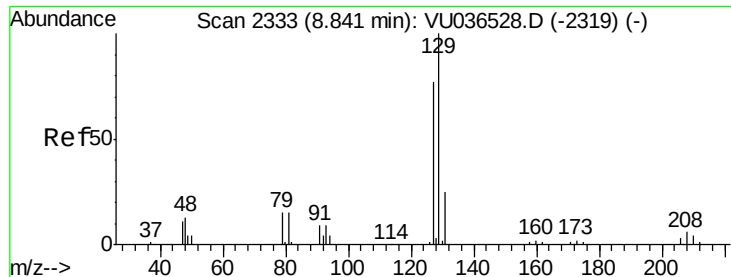
Tot Ion: 76 Resp: 12876
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.4 38.2



#54
 2-Hexanone
 Concen: 3.773 ug/l
 RT: 8.73 min Scan# 2298
 Delta R.T. 0.01 min
 Lab File: VU036525.D
 Acq: 22 Jan 2020 14:51

Tgt Ion: 43 Resp: 20933
 Ion Ratio Lower Upper
 43 100
 58 57.0 40.6 80.6
 57 19.8 1.2 41.2





#55

Dibromochloromethane

Concen: 0.950 ug/l

RT: 8.84 min Scan# 2333

Delta R.T. -0.00 min

Lab File: VU036525.D

Acq: 22 Jan 2020 14:51

Instrument :

MSVOA_U

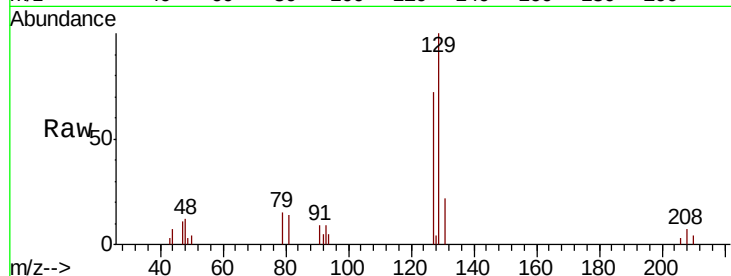
ClientSampleId :

Tot Ion:129 Resp: 8598

Ion Ratio Lower Upper

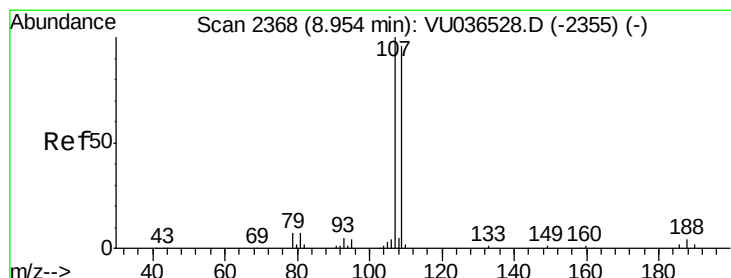
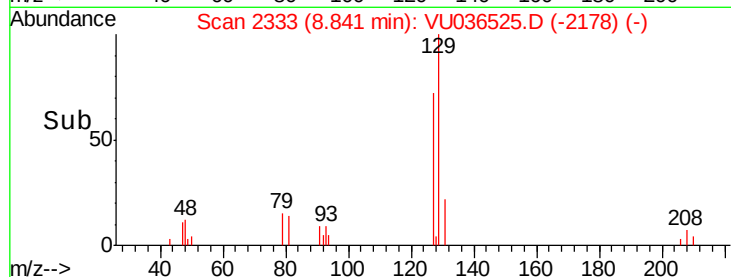
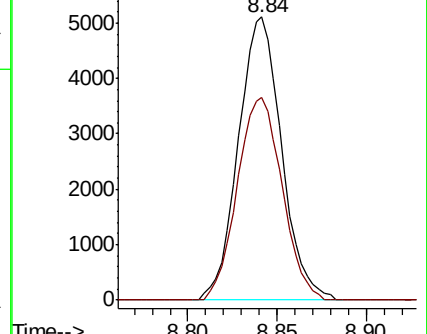
129 100

127 74.3 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: 0.927 ug/l

RT: 8.96 min Scan# 2369

Delta R.T. 0.00 min

Lab File: VU036525.D

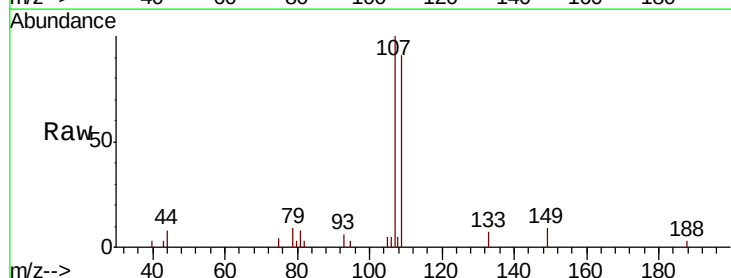
Acq: 22 Jan 2020 14:51

Tgt Ion:107 Resp: 7042

Ion Ratio Lower Upper

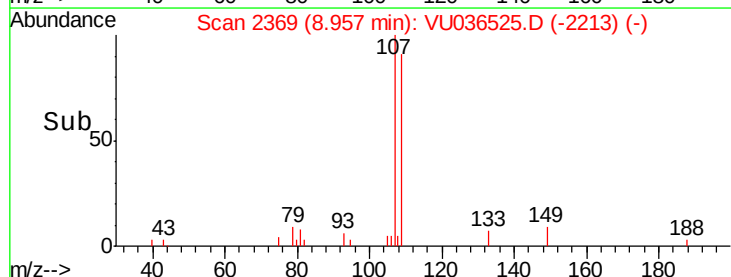
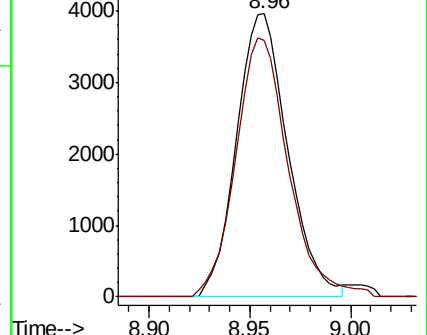
107 100

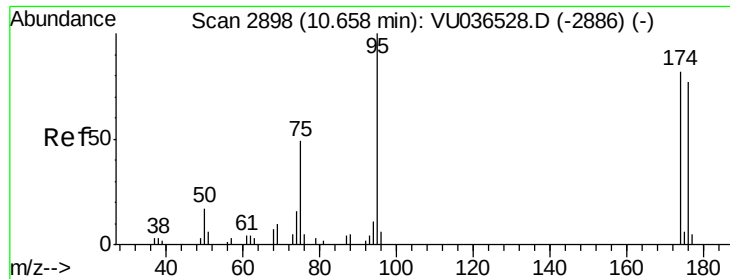
109 93.8 0.0 190.8



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

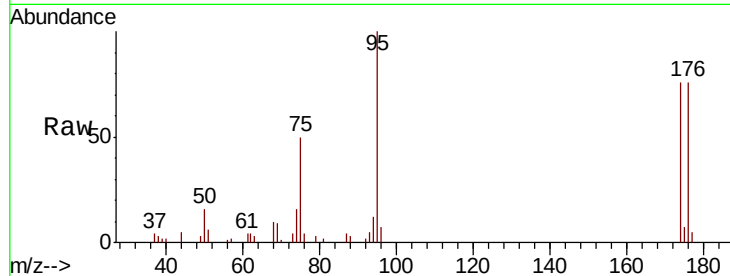




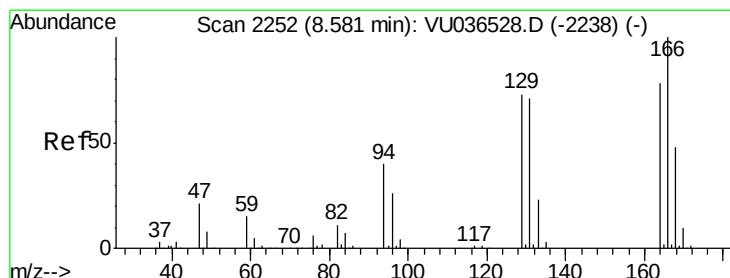
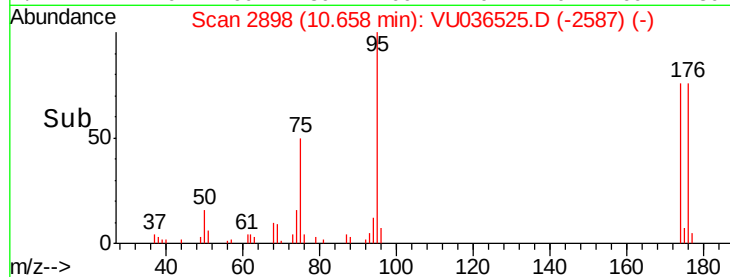
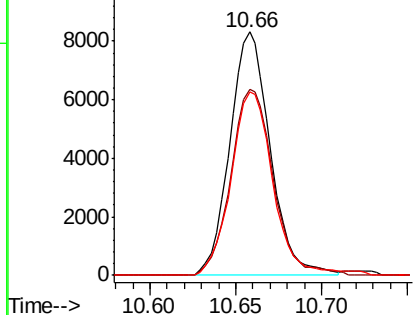
#57
 4-Bromofluorobenzene
 Concen: 0.942 ug/l
 RT: 10.66 min Scan# 2898
 Delta R.T. -0.00 min
 Lab File: VU036525.D
 Acq: 22 Jan 2020 14:51

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion: 95 Resp: 13604
 Ion Ratio Lower Upper
 95 100
 174 80.5 64.7 97.1
 176 78.3 60.6 91.0

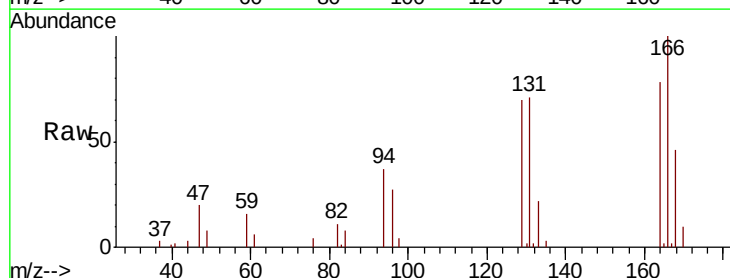


Abundance Ion 95.00 (94.70 to 95.70): VU036525.D (-2886) (-)
 Ion 174.00 (173.70 to 174.70): VU036525.D (-2886) (-)
 Ion 176.00 (175.70 to 176.70): VU036525.D (-2886) (-)

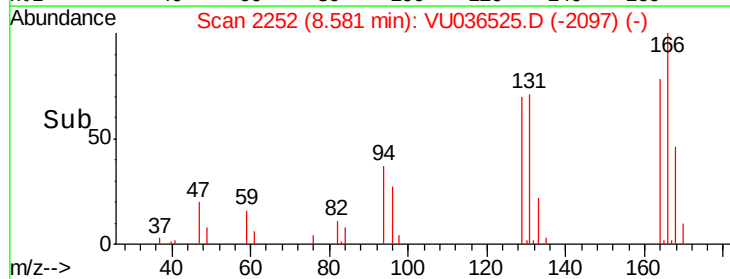
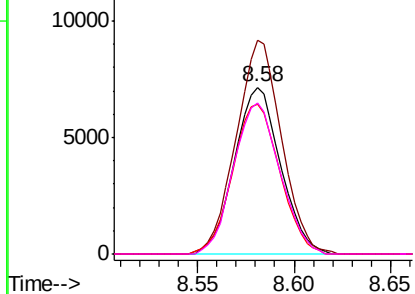


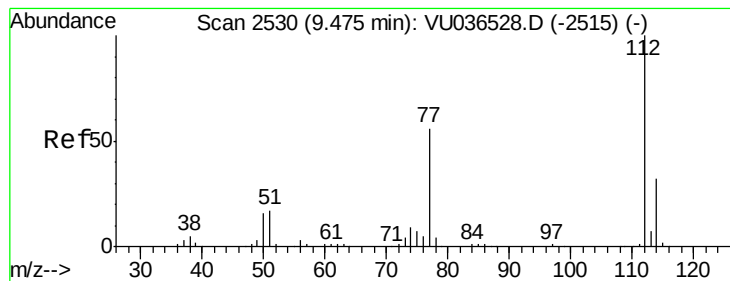
#58
 Tetrachloroethene
 Concen: 1.363 ug/l
 RT: 8.58 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VU036525.D
 Acq: 22 Jan 2020 14:51

Tgt Ion: 164 Resp: 11817
 Ion Ratio Lower Upper
 164 100
 166 127.9 102.0 153.0
 129 89.4 74.9 112.3
 131 90.6 72.6 108.8



Abundance Ion 163.85 (163.55 to 164.55): VU036525.D (-2097) (-)
 Ion 165.80 (165.50 to 166.50): VU036525.D (-2097) (-)
 Ion 128.90 (128.60 to 129.60): VU036525.D (-2097) (-)
 Ion 130.90 (130.60 to 131.60): VU036525.D (-2097) (-)





#59

Chlorobenzene

Concen: 1.016 ug/l

RT: 9.47 min Scan# 2530

Delta R.T. -0.00 min

Lab File: VU036525.D

Acq: 22 Jan 2020 14:51

Instrument :

MSVOA_U

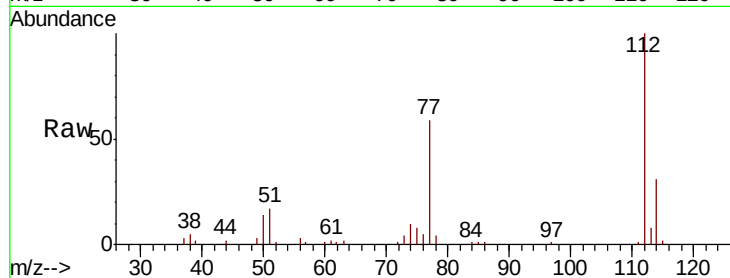
ClientSampleId :

Tot Ion:112 Resp: 28733

Ion Ratio Lower Upper

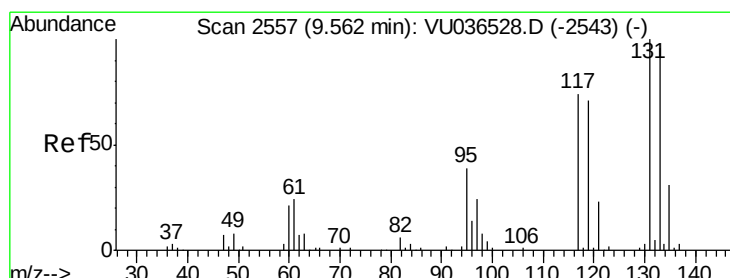
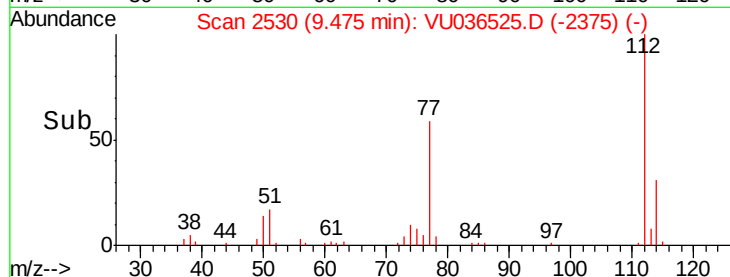
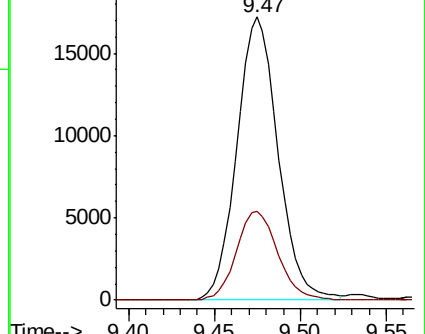
112 100

114 31.5 25.8 38.8



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V



#60

1,1,1,2-Tetrachloroethane

Concen: 0.952 ug/l

RT: 9.56 min Scan# 2557

Delta R.T. -0.00 min

Lab File: VU036525.D

Acq: 22 Jan 2020 14:51

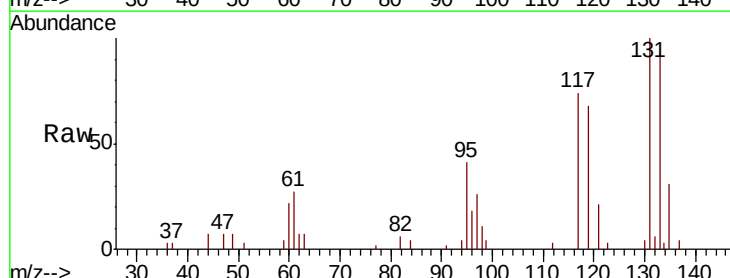
Tgt Ion:131 Resp: 9115

Ion Ratio Lower Upper

131 100

133 94.4 76.4 114.6

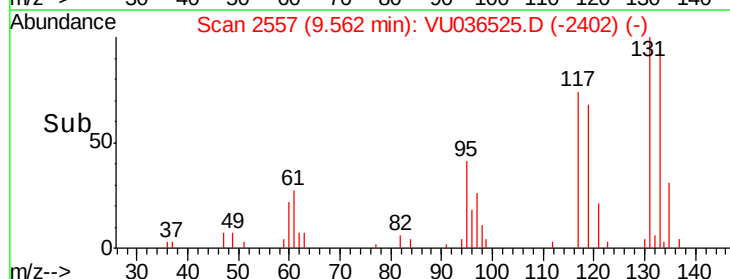
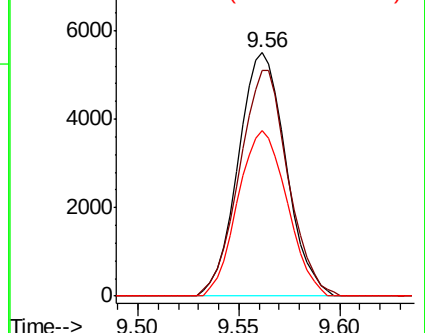
119 70.0 56.6 85.0

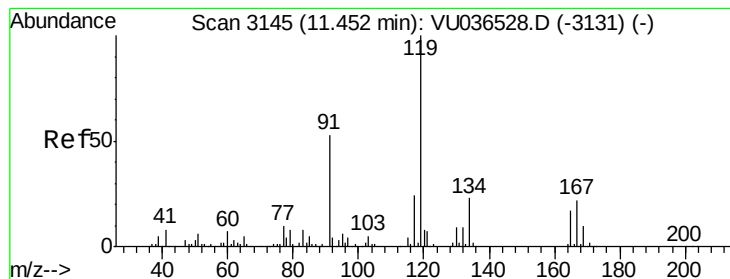


Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V





#61

Pentachloroethane

Concen: 0.712 ug/l

RT: 11.45 min Scan# 3144

Delta R.T. -0.00 min

Lab File: VU036525.D

Acq: 22 Jan 2020 14:51

Instrument :

MSVOA_U

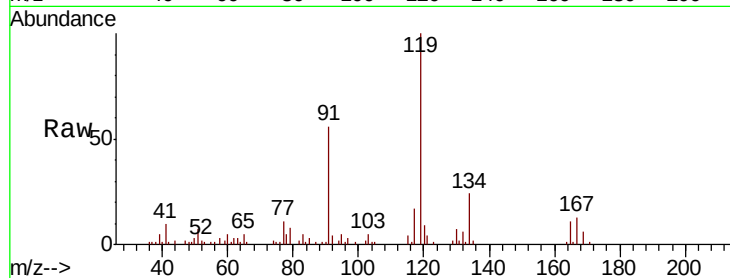
ClientSampleId :

Tot Ion:117 Resp: 5614

Ion Ratio Lower Upper

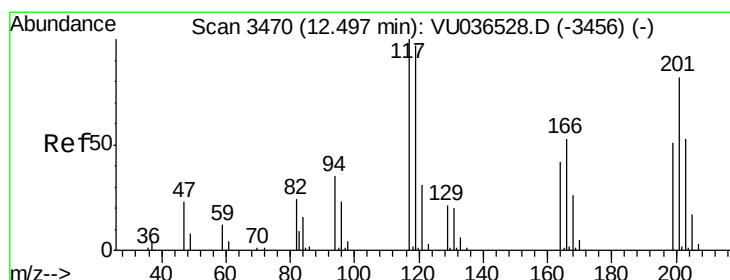
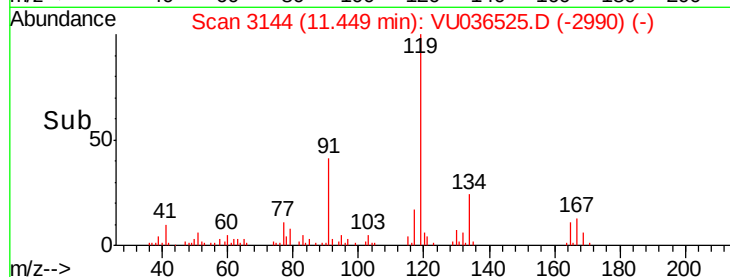
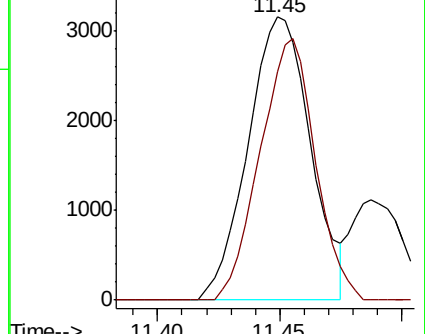
117 100

167 81.6 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: 0.843 ug/l

RT: 12.49 min Scan# 3469

Delta R.T. -0.00 min

Lab File: VU036525.D

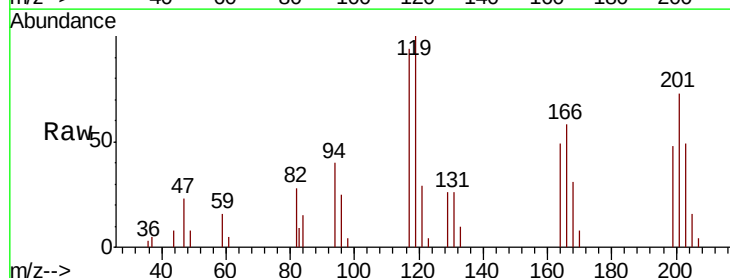
Acq: 22 Jan 2020 14:51

Tgt Ion:117 Resp: 6972

Ion Ratio Lower Upper

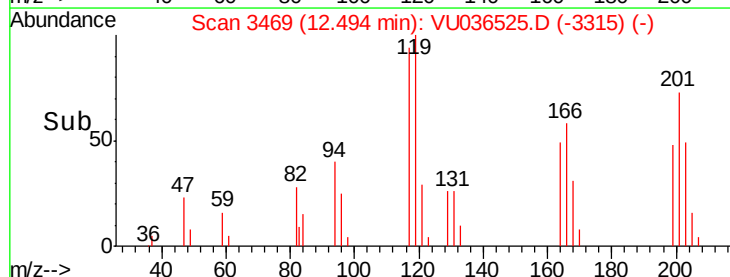
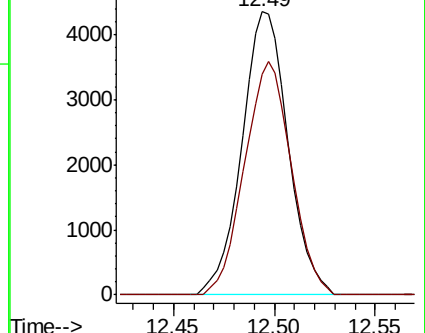
117 100

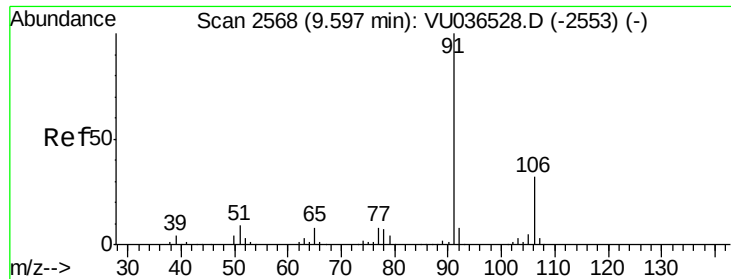
201 83.1 65.0 97.4



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.60 (200.30 to 201.30): V

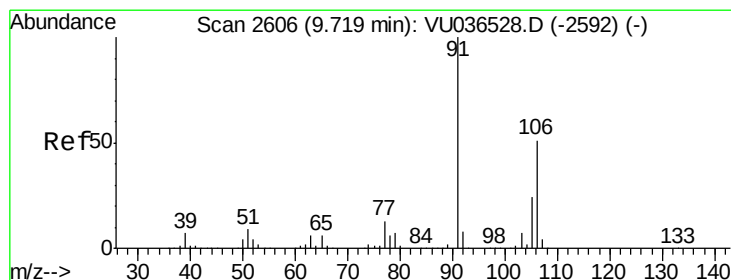
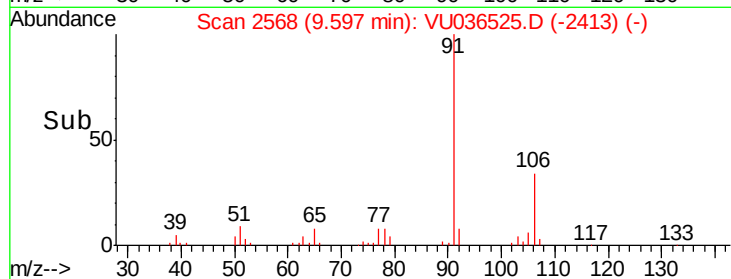
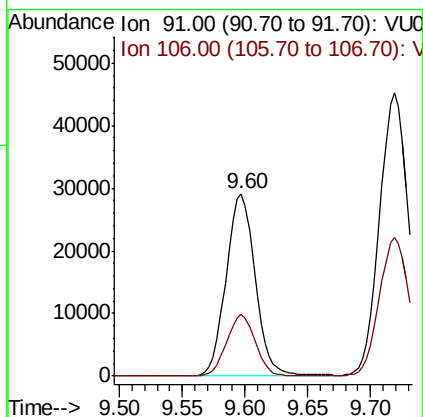
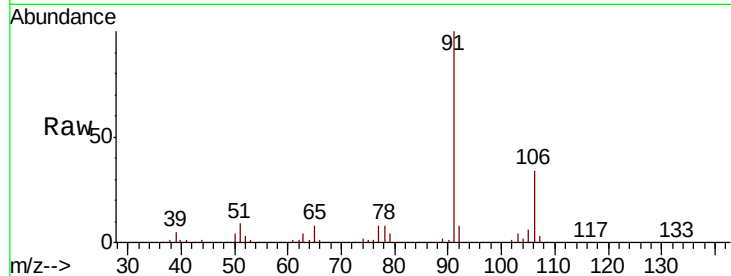




#63
Ethyl Benzene
Concen: 0.918 ug/l
RT: 9.60 min Scan# 2568
Delta R.T. -0.00 min
Lab File: VU036525.D
Acq: 22 Jan 2020 14:51

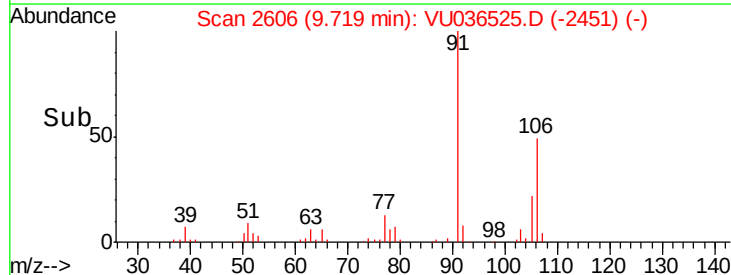
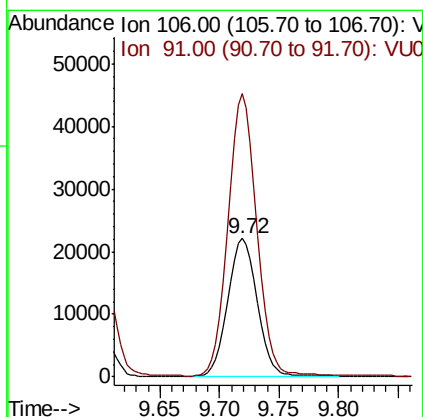
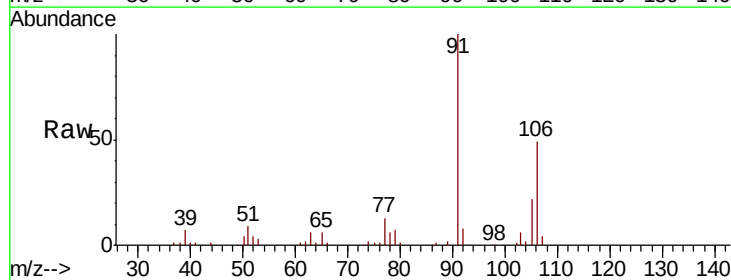
Instrument :
MSVOA_U
ClientSampled :

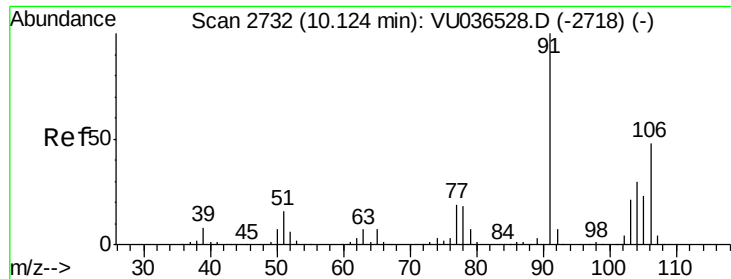
Tot Ion: 91 Resp: 47224
Ion Ratio Lower Upper
91 100
106 33.7 26.0 39.0



#64
m/p-Xylenes
Concen: 2.026 ug/l
RT: 9.72 min Scan# 2606
Delta R.T. -0.00 min
Lab File: VU036525.D
Acq: 22 Jan 2020 14:51

Tgt Ion: 106 Resp: 38529
Ion Ratio Lower Upper
106 100
91 196.2 158.2 237.4

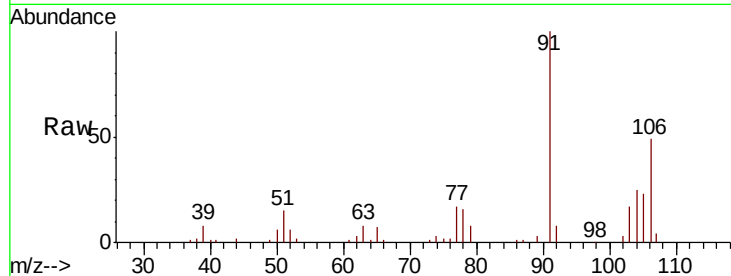




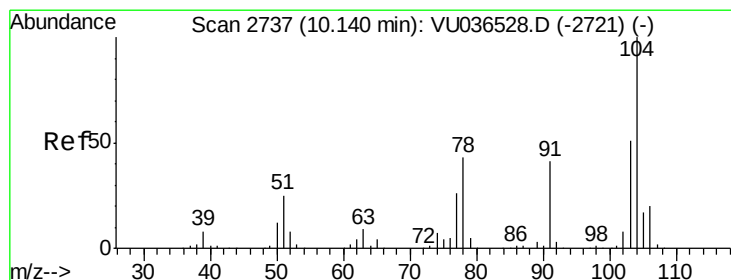
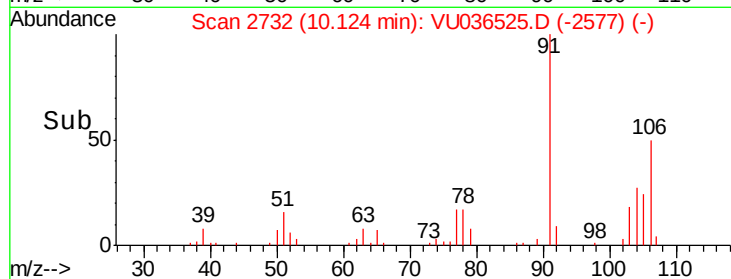
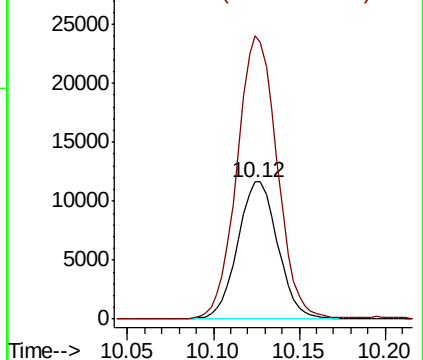
#65
o-Xylene
Concen: 1.014 ug/l
RT: 10.12 min Scan# 2732
Delta R.T. -0.00 min
Lab File: VU036525.D
Acq: 22 Jan 2020 14:51

Instrument :
MSVOA_U
ClientSampled :

Tot Ion:106 Resp: 18821
Ion Ratio Lower Upper
106 100
91 207.8 104.3 312.9

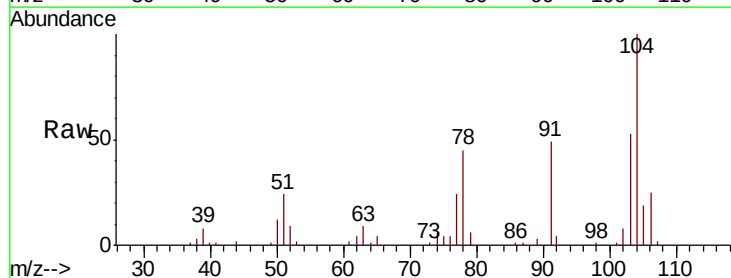


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

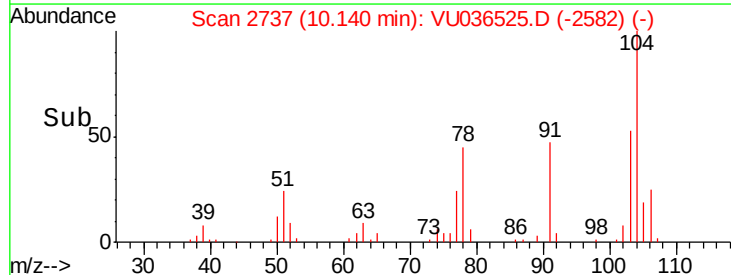
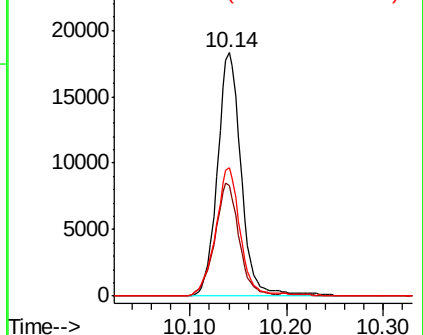


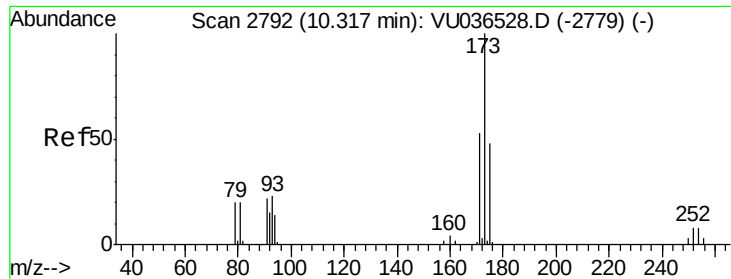
#66
Styrene
Concen: 1.021 ug/l
RT: 10.14 min Scan# 2737
Delta R.T. -0.00 min
Lab File: VU036525.D
Acq: 22 Jan 2020 14:51

Tgt Ion:104 Resp: 31296
Ion Ratio Lower Upper
104 100
78 47.3 38.6 57.8
103 53.6 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: 1.092 ug/l

RT: 10.32 min Scan# 2792

Delta R.T. -0.00 min

Lab File: VU036525.D

Acq: 22 Jan 2020 14:51

Instrument :

MSVOA_U

ClientSampleId :

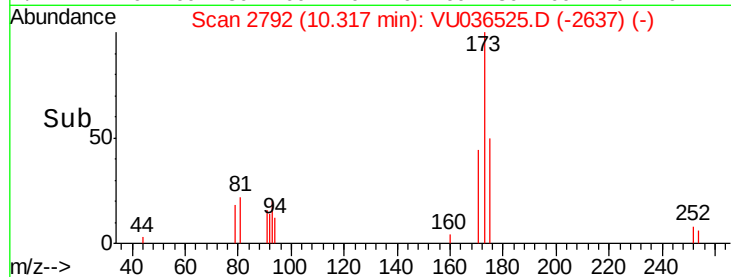
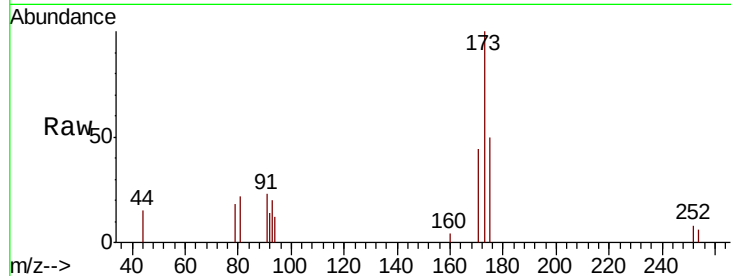
Tot Ion:173 Resp: 4895

Ion Ratio Lower Upper

173 100

175 45.4 38.3 57.5

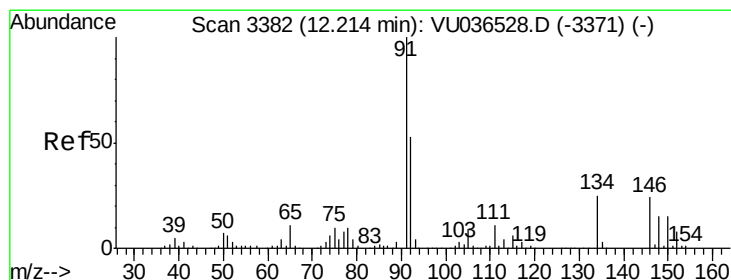
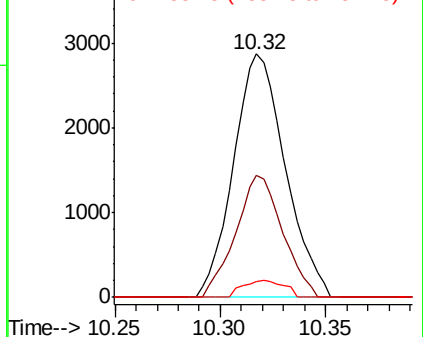
254 5.5 6.6 9.8#



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: 1.115 ug/l

RT: 12.21 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VU036525.D

Acq: 22 Jan 2020 14:51

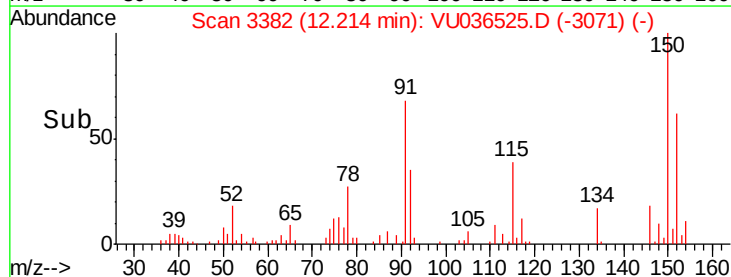
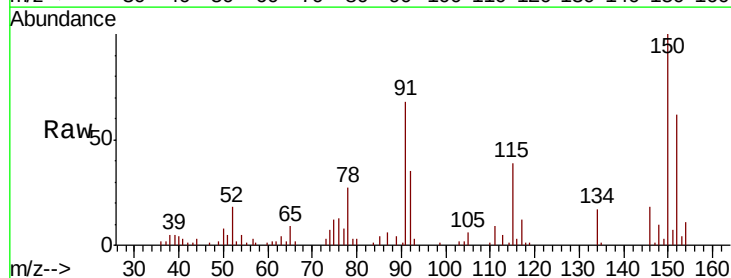
Tgt Ion:152 Resp: 14101

Ion Ratio Lower Upper

152 100

115 67.6 0.0 241.8

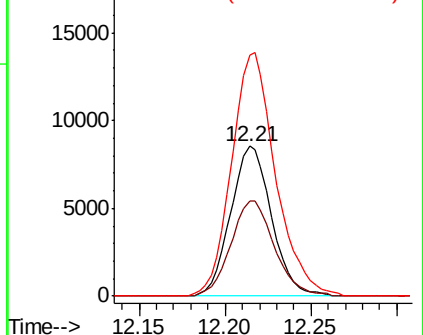
150 174.3 0.0 652.4

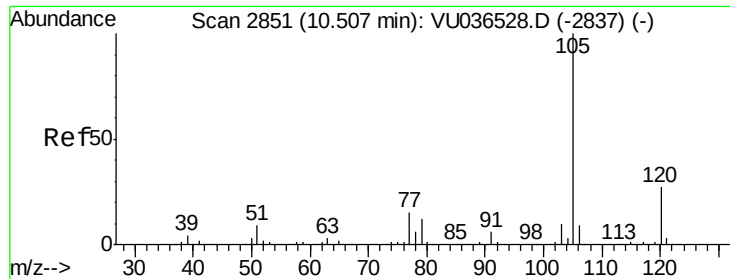


Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V





#69

Isopropylbenzene

Concen: 0.997 ug/l

RT: 10.51 min Scan# 2851

Delta R.T. -0.00 min

Lab File: VU036525.D

Acq: 22 Jan 2020 14:51

Instrument :

MSVOA_U

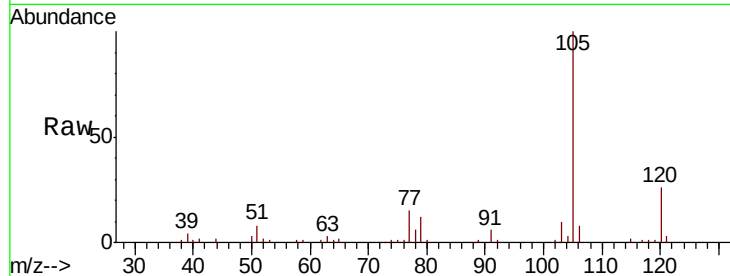
ClientSampleId :

Tot Ion:105 Resp: 49761

Ion Ratio Lower Upper

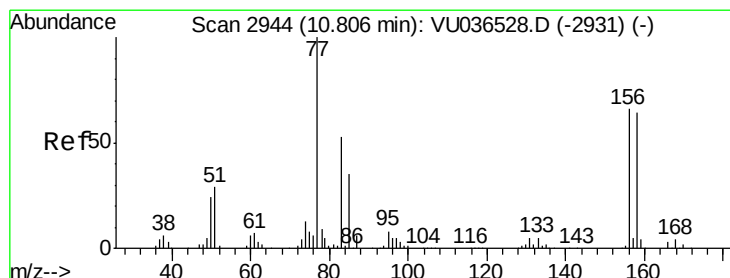
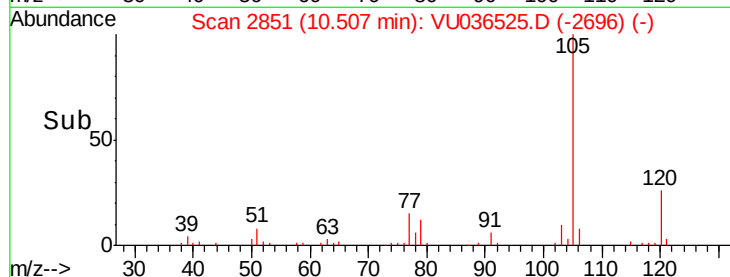
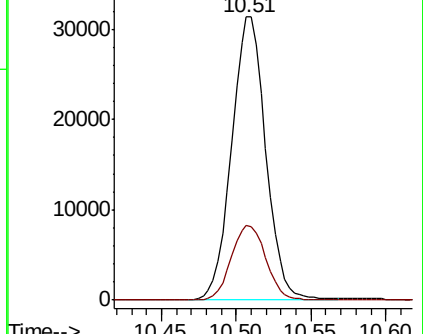
105 100

120 26.8 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: 0.881 ug/l

RT: 10.81 min Scan# 2945

Delta R.T. 0.00 min

Lab File: VU036525.D

Acq: 22 Jan 2020 14:51

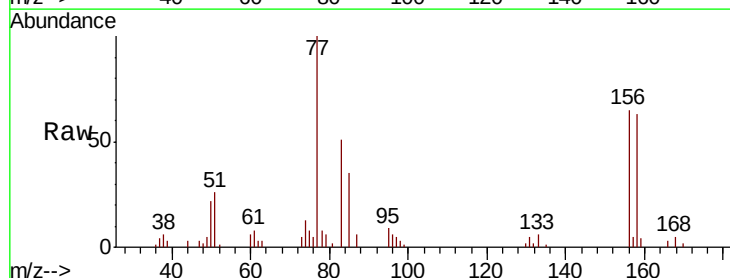
Tgt Ion: 83 Resp: 9172

Ion Ratio Lower Upper

83 100

131 10.2 7.8 11.8

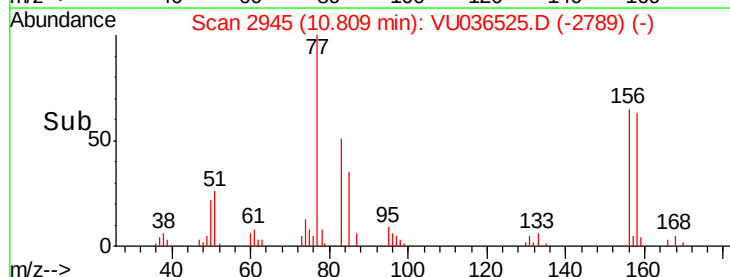
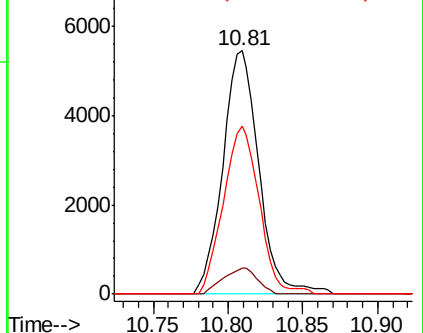
85 68.3 53.2 79.8

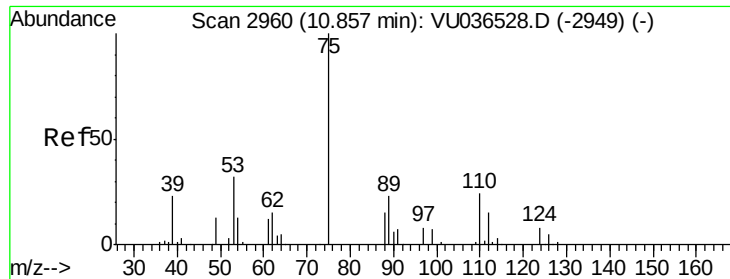


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VU0

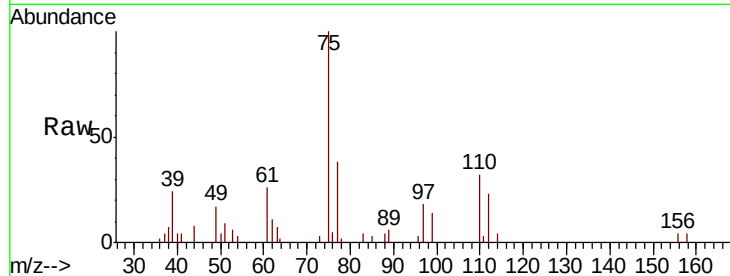




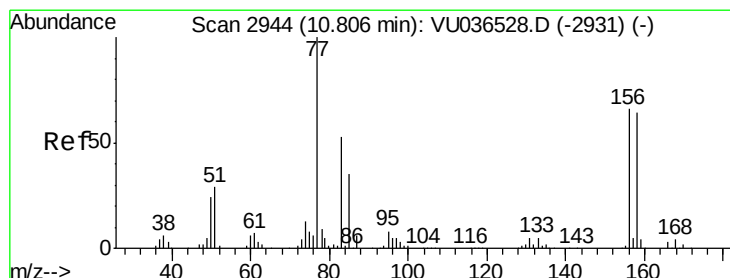
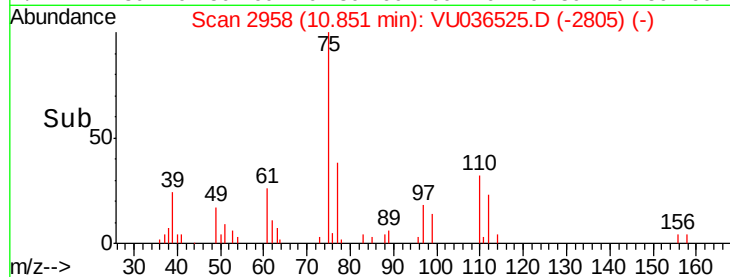
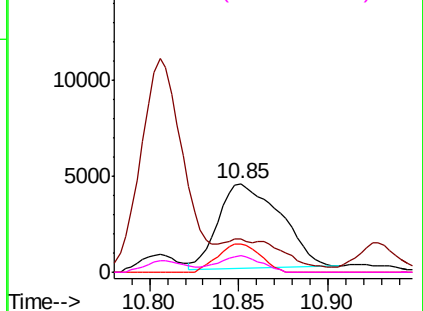
#71
 1,2,3-Trichloropropane
 Concen: 1.346 ug/l
 RT: 10.85 min Scan# 2958
 Delta R.T. -0.01 min
 Lab File: VU036525.D
 Acq: 22 Jan 2020 14:51

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion:	75	Resp:	10691
Ion	Ratio	Lower	Upper
75	100		
77	22.3	0.0	129.6
110	22.5	0.0	77.4
97	13.1	0.0	42.0

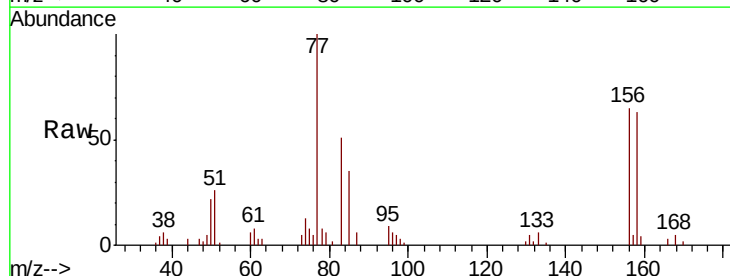


Abundance Ion 75.00 (74.70 to 75.70): VU036525.D (-2949) (-)
 Ion 77.00 (76.70 to 77.70): VU036525.D (-2949) (-)
 Ion 110.00 (109.70 to 110.70): VU036525.D (-2949) (-)
 Ion 97.00 (96.70 to 97.70): VU036525.D (-2949) (-)

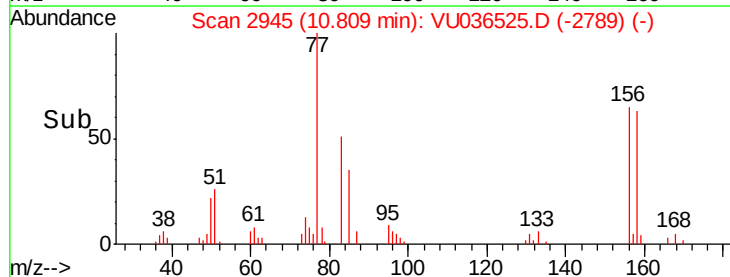
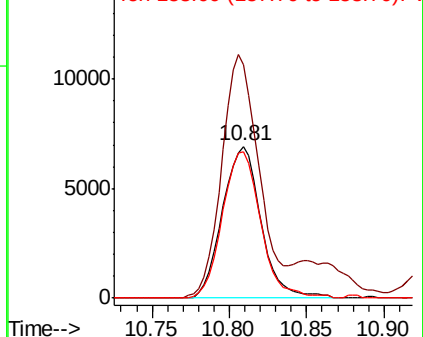


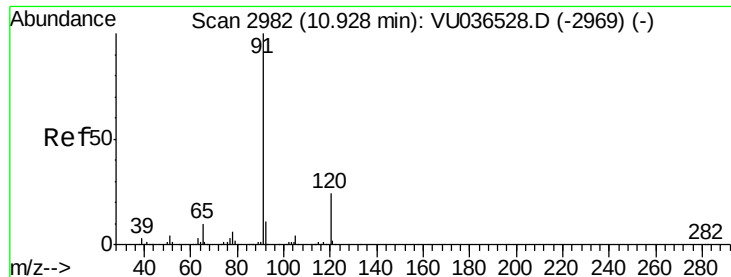
#72
 Bromobenzene
 Concen: 1.127 ug/l
 RT: 10.81 min Scan# 2945
 Delta R.T. 0.00 min
 Lab File: VU036525.D
 Acq: 22 Jan 2020 14:51

Tgt Ion:	156	Resp:	11910
Ion	Ratio	Lower	Upper
156	100		
77	156.8	0.0	306.6
158	96.5	0.0	192.0



Abundance Ion 156.00 (155.70 to 156.70): VU036525.D (-2789) (-)
 Ion 77.00 (76.70 to 77.70): VU036525.D (-2789) (-)
 Ion 158.00 (157.70 to 158.70): VU036525.D (-2789) (-)





#73

n-propylbenzene

Concen: 1.014 ug/l

RT: 10.93 min Scan# 2982

Delta R.T. -0.00 min

Lab File: VU036525.D

Acq: 22 Jan 2020 14:51

Instrument :

MSVOA_U

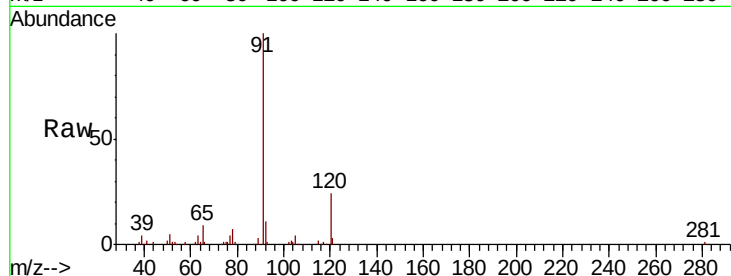
ClientSampleId :

Tot Ion:120 Resp: 13573

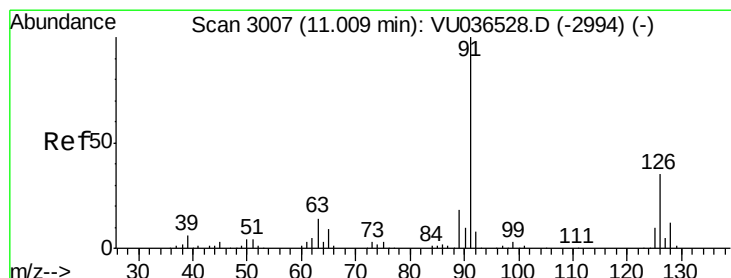
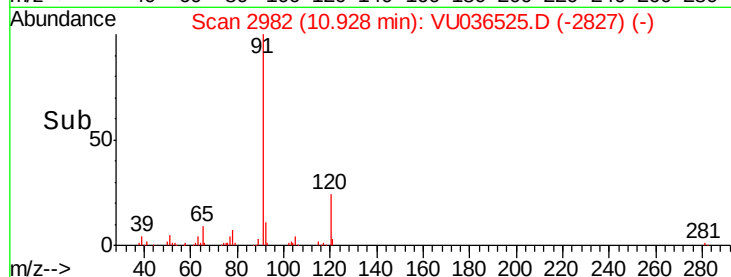
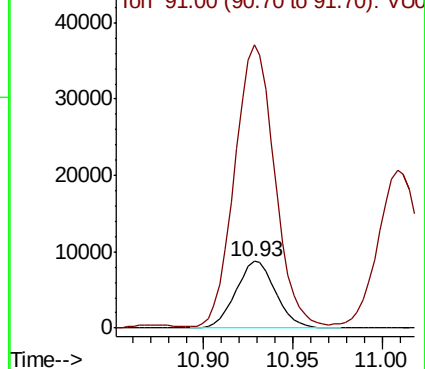
Ion Ratio Lower Upper

120 100

91 422.7 329.5 494.3



Abundance Ion 120.00 (119.70 to 120.70): V



#74

2-Chlorotoluene

Concen: 1.039 ug/l

RT: 11.01 min Scan# 3007

Delta R.T. -0.00 min

Lab File: VU036525.D

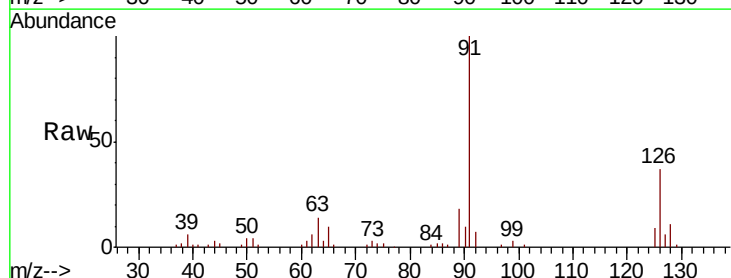
Acq: 22 Jan 2020 14:51

Tgt Ion:126 Resp: 11920

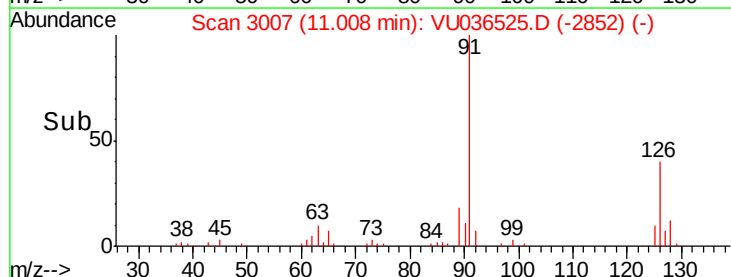
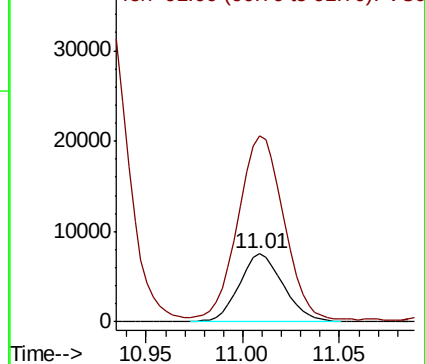
Ion Ratio Lower Upper

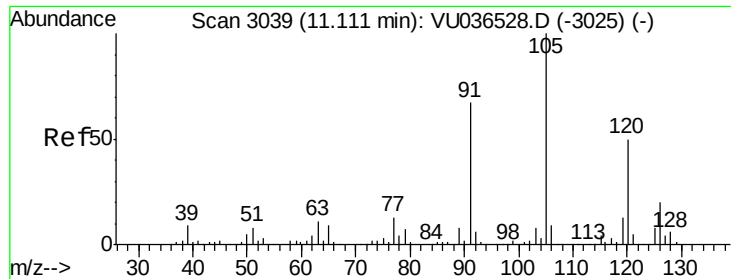
126 100

91 280.3 0.0 567.4



Abundance Ion 126.00 (125.70 to 126.70): V





#75

1,3,5-Trimethylbenzene

Concen: 0.997 ug/l

RT: 11.11 min Scan# 3039

Delta R.T. -0.00 min

Lab File: VU036525.D

Acq: 22 Jan 2020 14:51

Instrument :

MSVOA_U

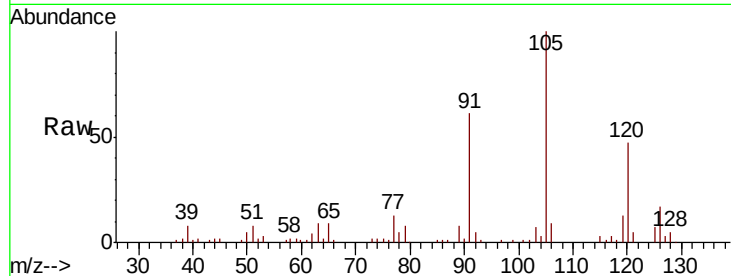
ClientSampled :

Tot Ion:105 Resp: 42224

Ion Ratio Lower Upper

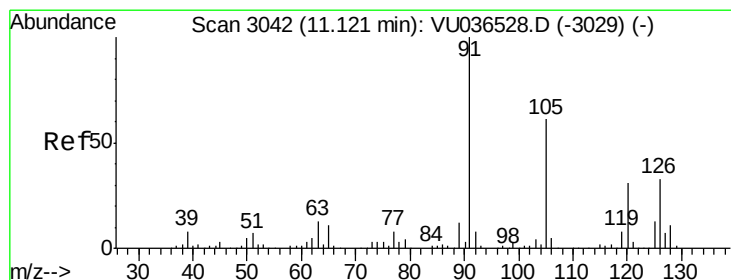
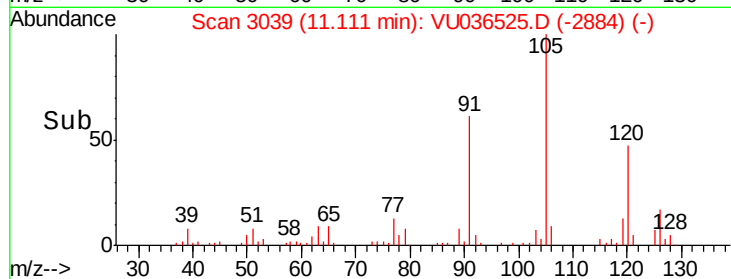
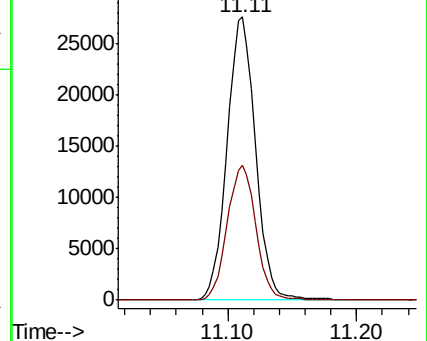
105 100

120 47.7 39.8 59.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#76

4-Chlorotoluene

Concen: 1.017 ug/l

RT: 11.12 min Scan# 3042

Delta R.T. -0.00 min

Lab File: VU036525.D

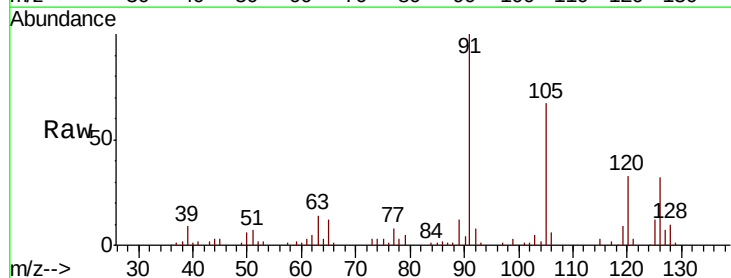
Acq: 22 Jan 2020 14:51

Tgt Ion:126 Resp: 12018

Ion Ratio Lower Upper

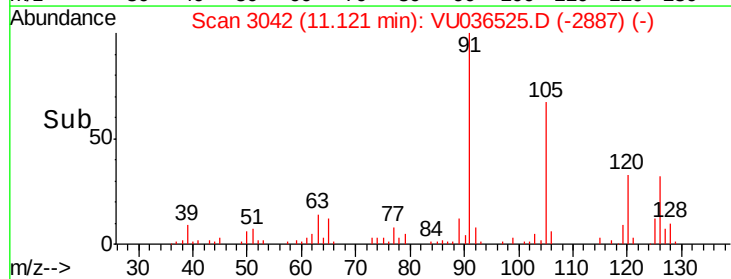
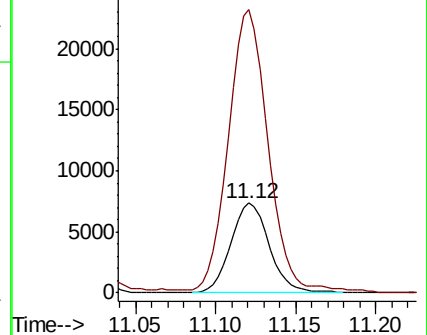
126 100

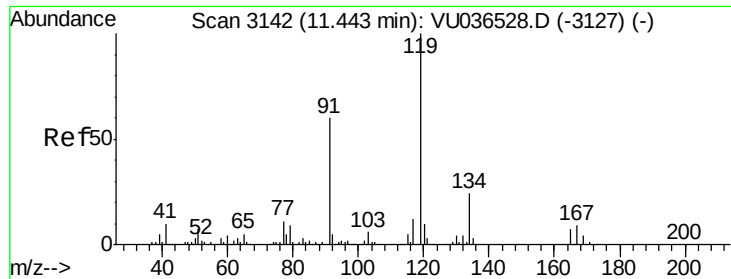
91 331.0 0.0 633.0



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0





#77

tert-Butylbenzene

Concen: 0.967 ug/l

RT: 11.44 min Scan# 3142

Delta R.T. -0.00 min

Lab File: VU036525.D

Acq: 22 Jan 2020 14:51

Instrument :

MSVOA_U

ClientSampled :

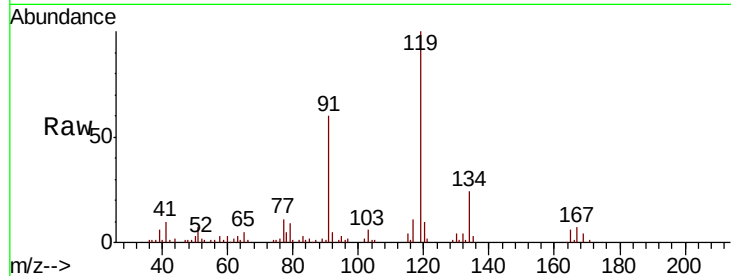
Tot Ion:119 Resp: 39220

Ion Ratio Lower Upper

119 100

91 59.3 29.3 87.8

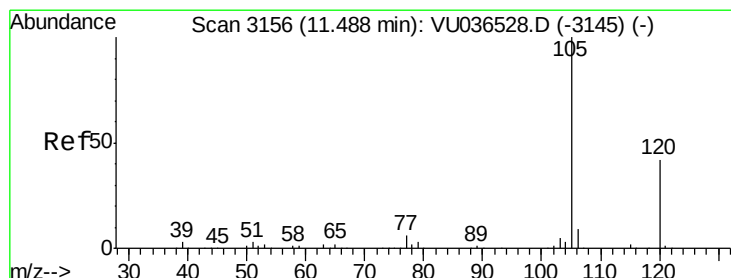
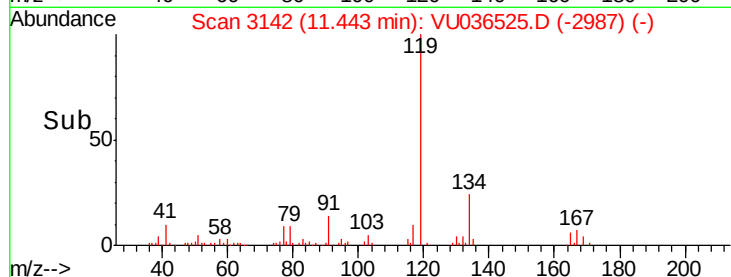
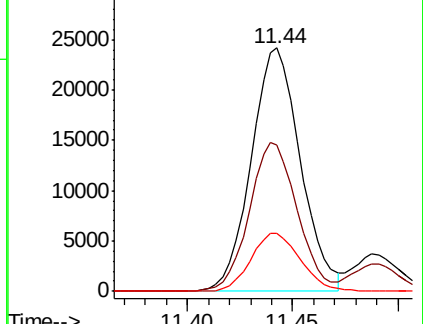
134 23.8 19.0 28.4



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: 0.984 ug/l

RT: 11.49 min Scan# 3157

Delta R.T. 0.00 min

Lab File: VU036525.D

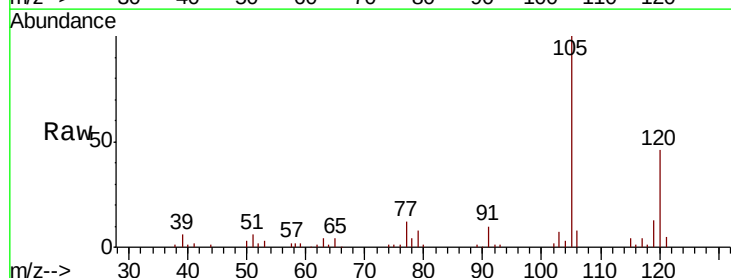
Acq: 22 Jan 2020 14:51

Tgt Ion:105 Resp: 43160

Ion Ratio Lower Upper

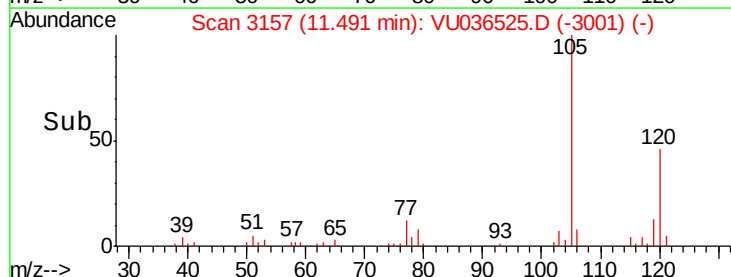
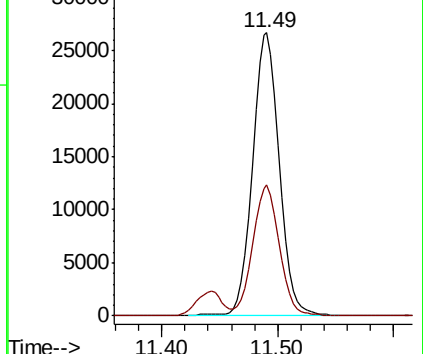
105 100

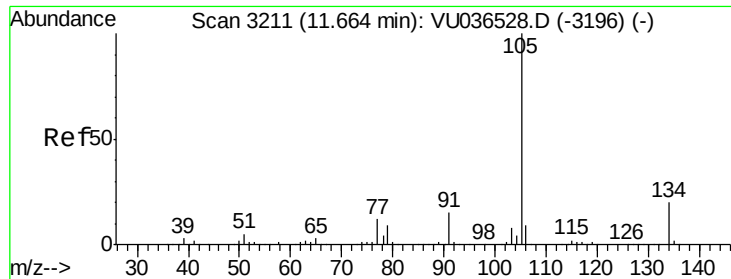
120 46.0 23.3 69.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#79

sec-Butylbenzene

Concen: 0.989 ug/l

RT: 11.66 min Scan# 3211

Delta R.T. -0.00 min

Lab File: VU036525.D

Acq: 22 Jan 2020 14:51

Instrument :

MSVOA_U

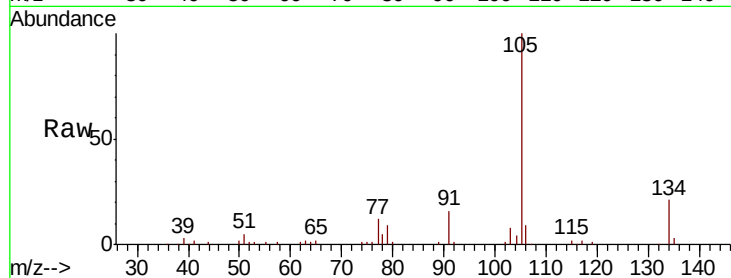
ClientSampleId :

Tot Ion:105 Resp: 55715

Ion Ratio Lower Upper

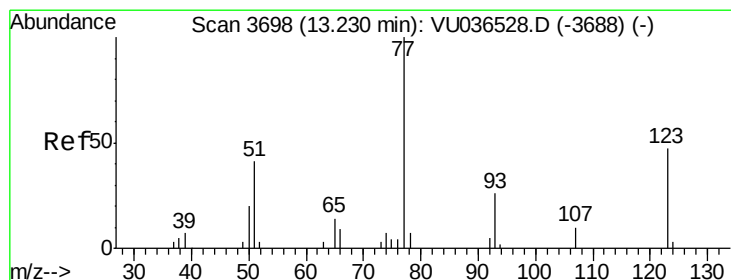
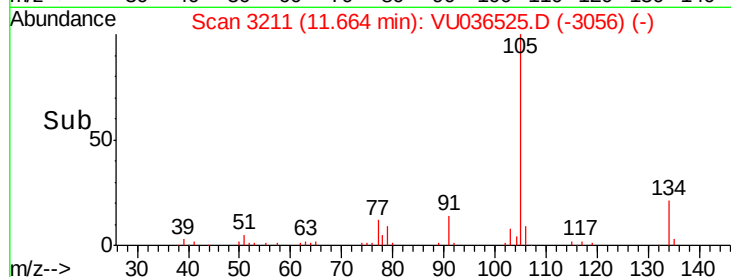
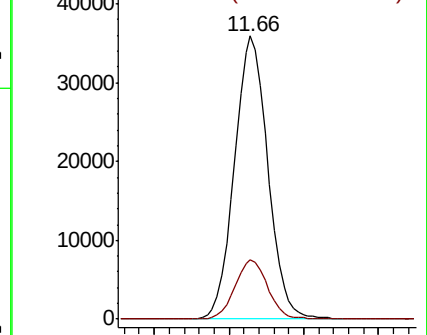
105 100

134 20.5 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: 2.355 ug/l

RT: 13.23 min Scan# 3699

Delta R.T. 0.00 min

Lab File: VU036525.D

Acq: 22 Jan 2020 14:51

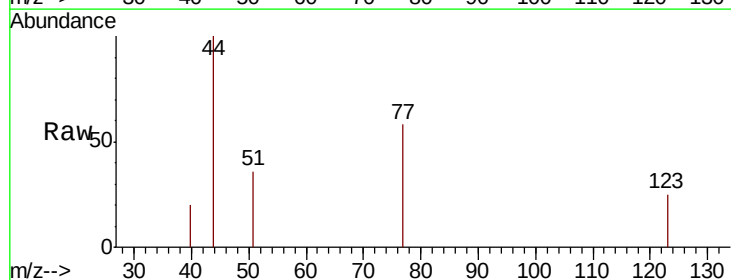
Tgt Ion: 77 Resp: 430

Ion Ratio Lower Upper

77 100

123 20.9 19.6 69.6

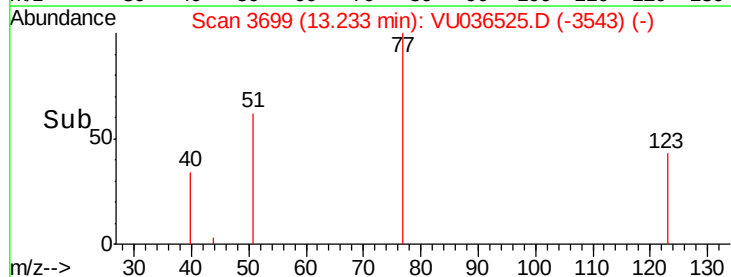
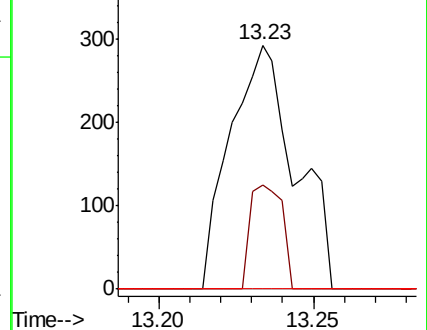
65 0.0 12.7 16.1#

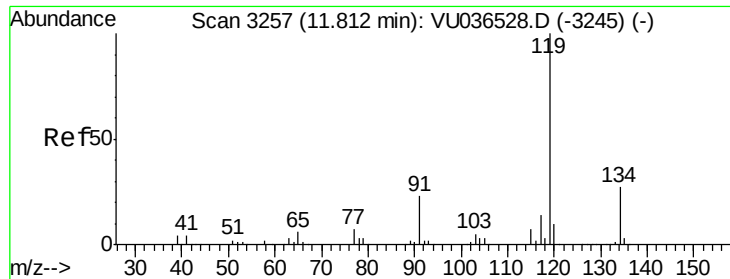


Abundance Ion 77.00 (76.70 to 77.70): VU0

Ion 123.00 (122.70 to 123.70): V

Ion 65.00 (64.70 to 65.70): VU0

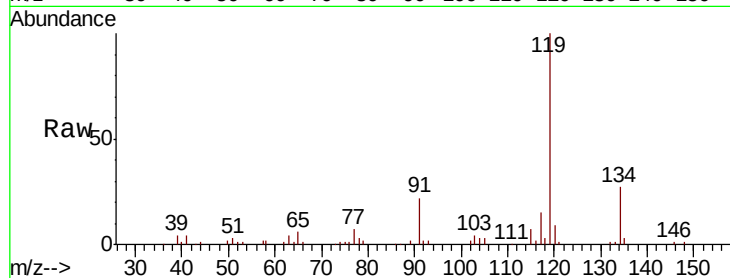




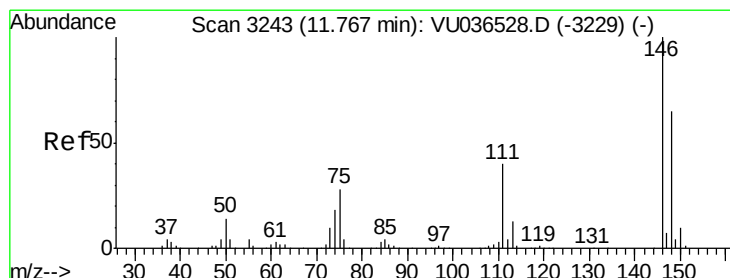
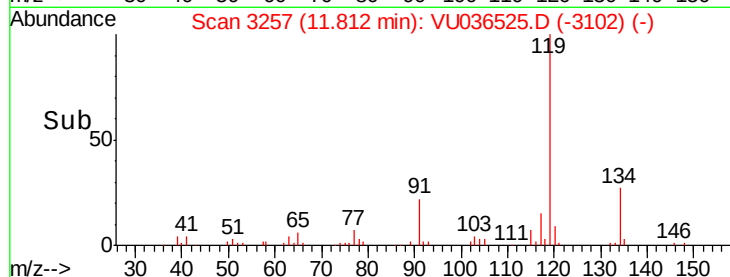
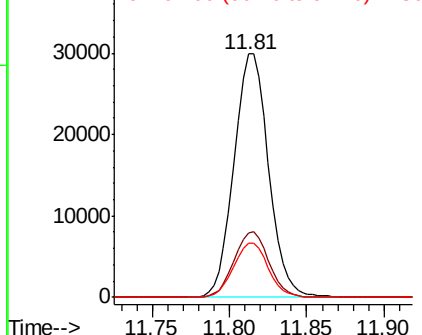
#81
 p-Isopropyltoluene
 Concen: 1.035 ug/l
 RT: 11.81 min Scan# 3257
 Delta R.T. -0.00 min
 Lab File: VU036525.D
 Acq: 22 Jan 2020 14:51

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
119	100		
134	27.0	21.4	32.0
91	22.4	18.3	27.5

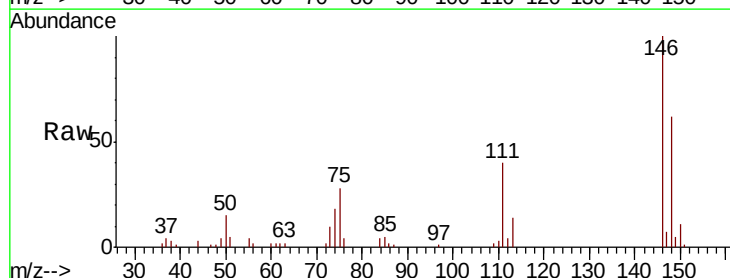


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V

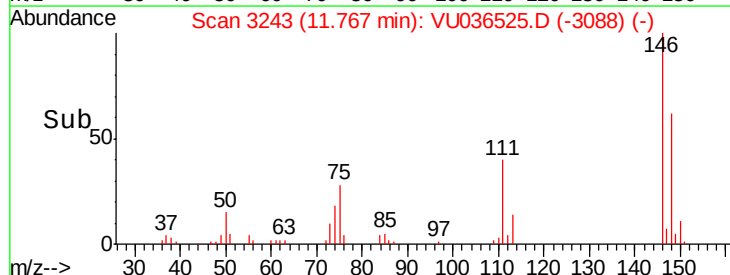
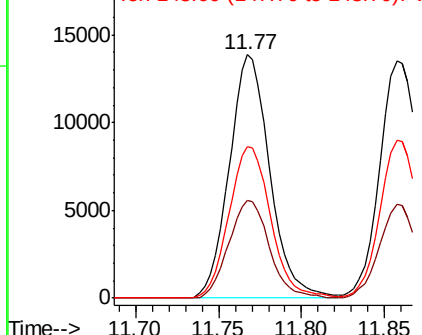


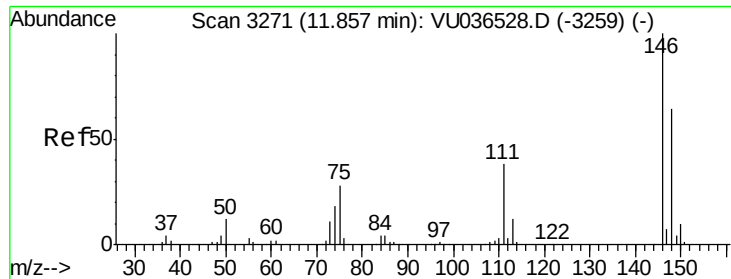
#82
 1,3-Dichlorobenzene
 Concen: 1.064 ug/l
 RT: 11.77 min Scan# 3243
 Delta R.T. -0.00 min
 Lab File: VU036525.D
 Acq: 22 Jan 2020 14:51

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.9	32.2	48.2
148	64.1	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

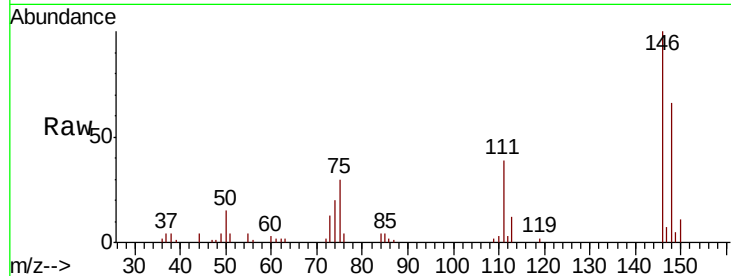




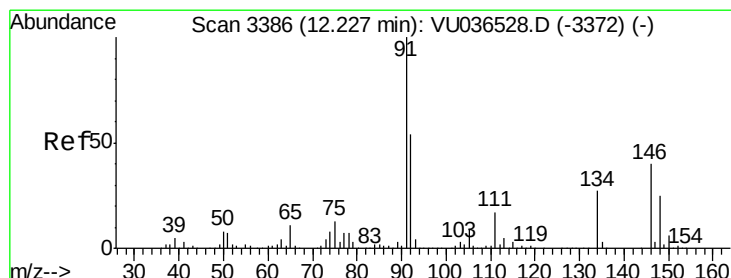
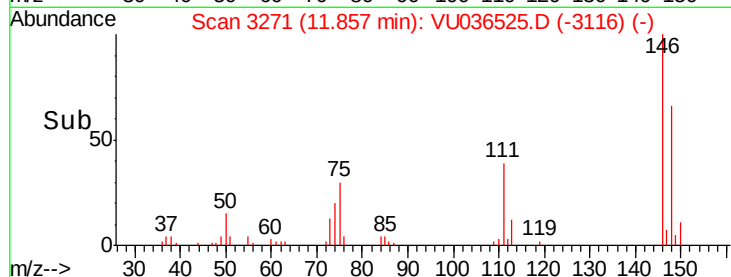
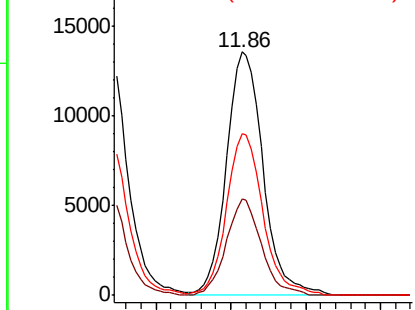
#83
 1,4-Dichlorobenzene
 Concen: 1.057 ug/l
 RT: 11.86 min Scan# 3271
 Delta R.T. -0.00 min
 Lab File: VU036525.D
 Acq: 22 Jan 2020 14:51

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion:146 Resp: 23171
 Ion Ratio Lower Upper
 146 100
 111 37.8 30.5 45.7
 148 65.8 51.0 76.4

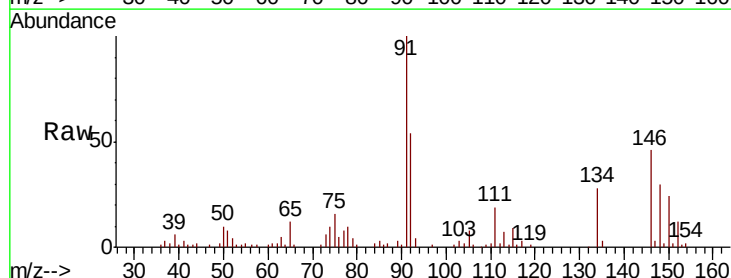


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

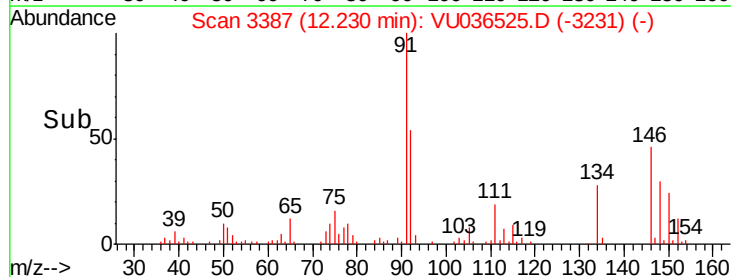
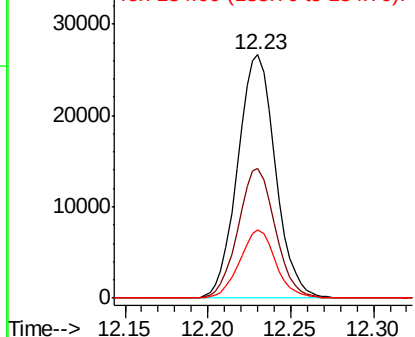


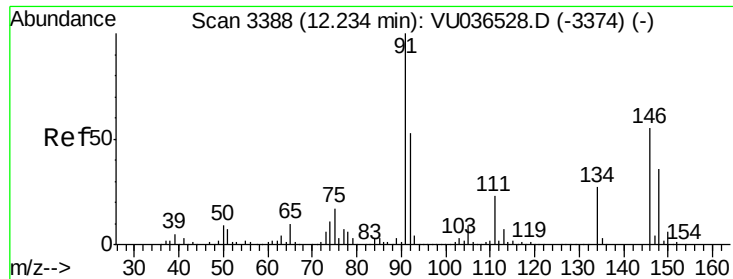
#84
 n-Butylbenzene
 Concen: 0.893 ug/l
 RT: 12.23 min Scan# 3387
 Delta R.T. 0.00 min
 Lab File: VU036525.D
 Acq: 22 Jan 2020 14:51

Tgt Ion: 91 Resp: 42212
 Ion Ratio Lower Upper
 91 100
 92 52.6 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

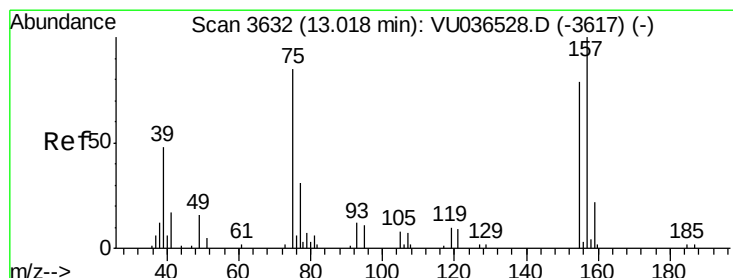
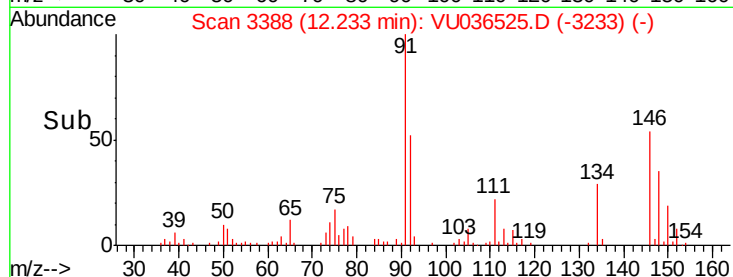
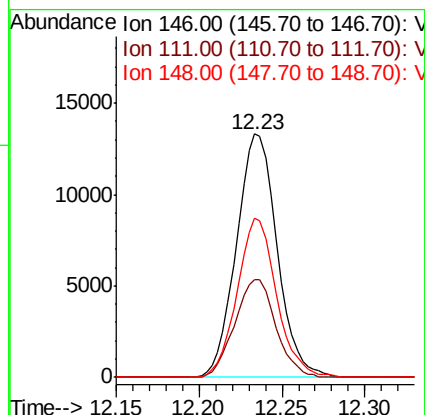
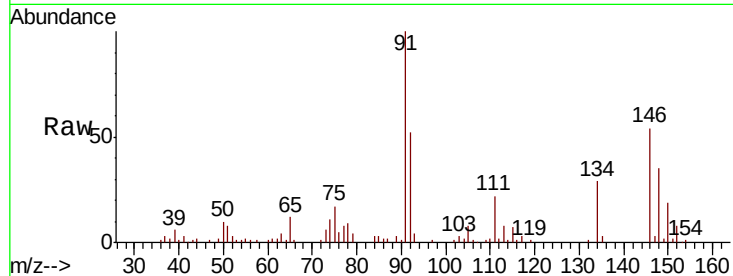




#85
 1,2-Dichlorobenzene
 Concen: 1.084 ug/l
 RT: 12.23 min Scan# 3388
 Delta R.T. -0.00 min
 Lab File: VU036525.D
 Acq: 22 Jan 2020 14:51

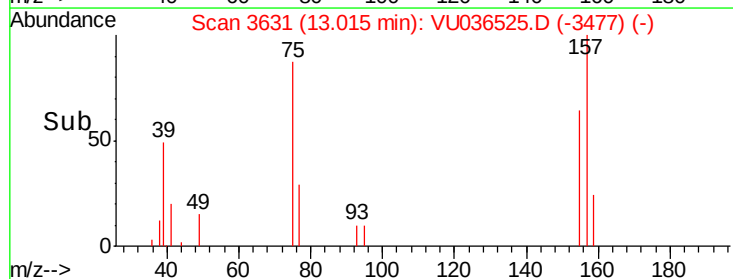
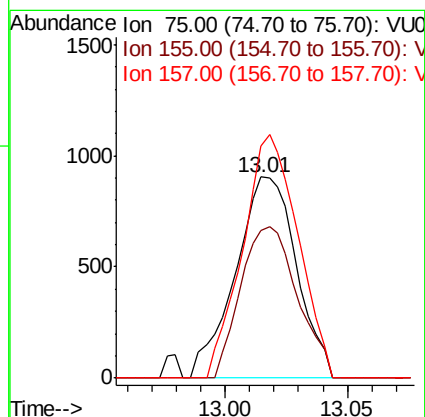
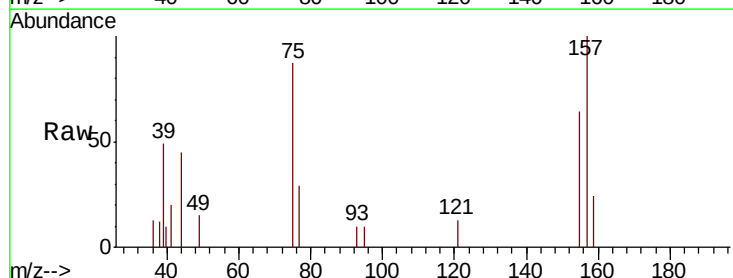
Instrument :
 MSVOA_U
 ClientSampleId :

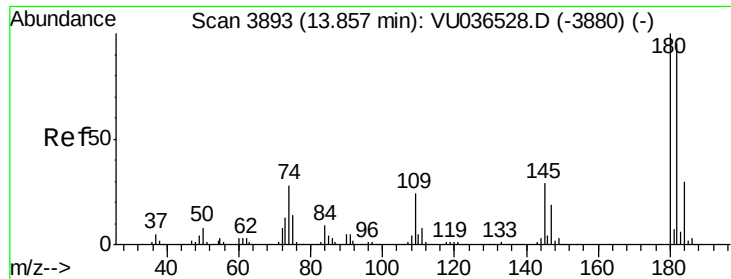
Tot Ion:146 Resp: 22705
 Ion Ratio Lower Upper
 146 100
 111 40.4 20.8 62.4
 148 63.2 32.0 96.2



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 0.829 ug/l
 RT: 13.01 min Scan# 3631
 Delta R.T. -0.00 min
 Lab File: VU036525.D
 Acq: 22 Jan 2020 14:51

Tgt Ion: 75 Resp: 1569
 Ion Ratio Lower Upper
 75 100
 155 69.8 71.8 107.8#
 157 109.6 92.4 138.6

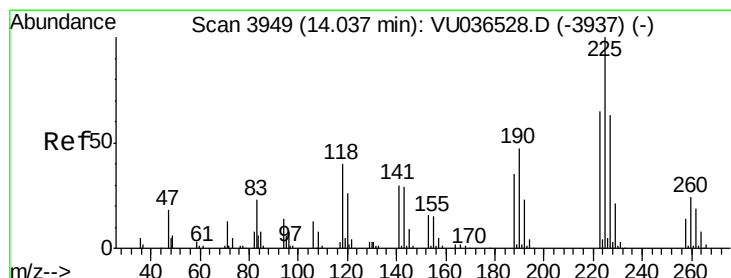
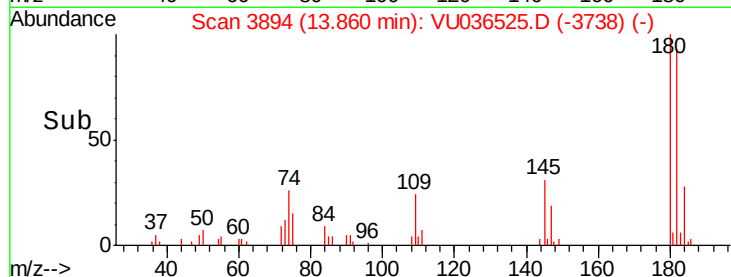
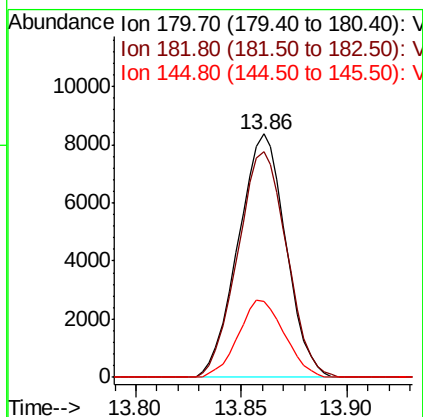
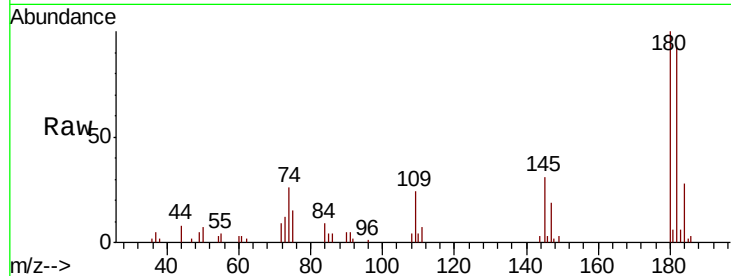




#87
 1,2,4-Trichlorobenzene
 Concen: 0.985 ug/l
 RT: 13.86 min Scan# 3894
 Delta R.T. 0.00 min
 Lab File: VU036525.D
 Acq: 22 Jan 2020 14:51

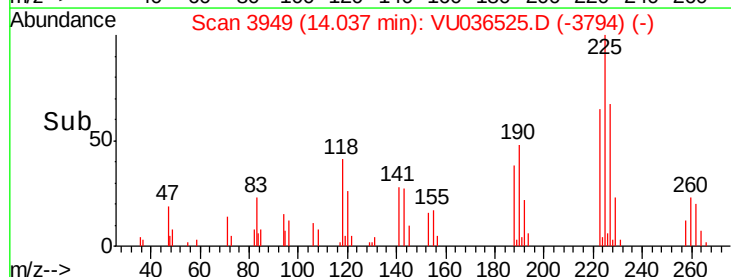
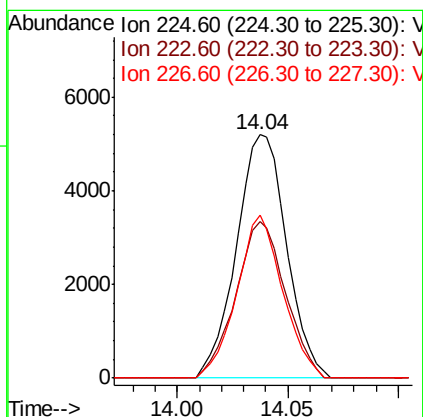
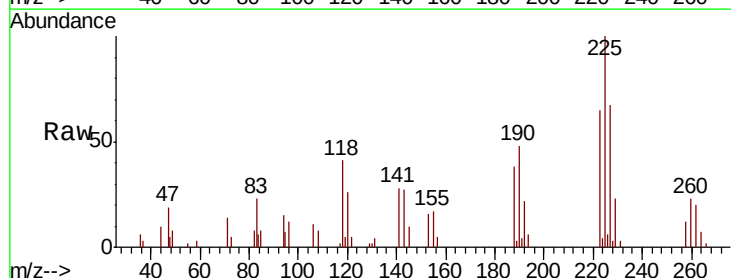
Instrument :
 MSVOA_U
 ClientSampled :

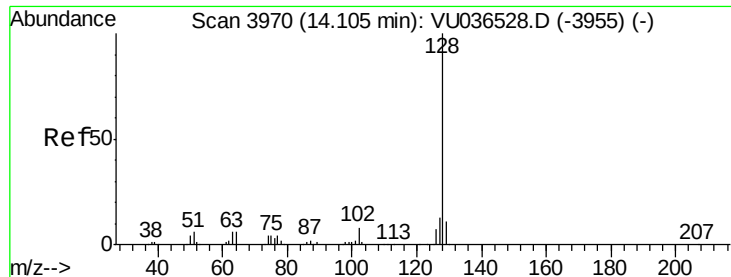
Tot Ion:180 Resp: 13102
 Ion Ratio Lower Upper
 180 100
 182 95.6 75.9 113.9
 145 30.7 23.4 35.2



#88
 Hexachlorobutadiene
 Concen: 1.312 ug/l
 RT: 14.04 min Scan# 3949
 Delta R.T. -0.00 min
 Lab File: VU036525.D
 Acq: 22 Jan 2020 14:51

Tgt Ion:225 Resp: 8192
 Ion Ratio Lower Upper
 225 100
 223 63.8 51.7 77.5
 227 61.5 50.6 75.8





#89

Naphthalene

Concen: 0.796 ug/l

RT: 14.10 min Scan# 3970

Delta R.T. -0.00 min

Lab File: VU036525.D

Acq: 22 Jan 2020 14:51

Instrument :

MSVOA_U

ClientSampleId :

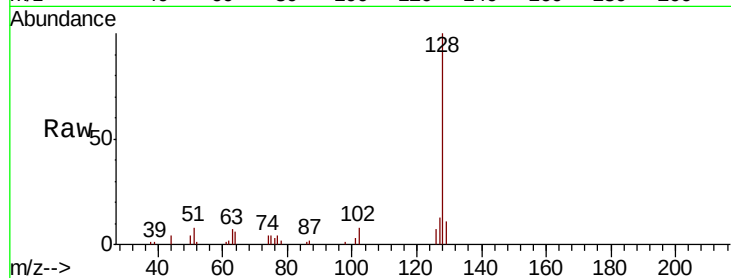
Tot Ion:128 Resp: 20992

Ion Ratio Lower Upper

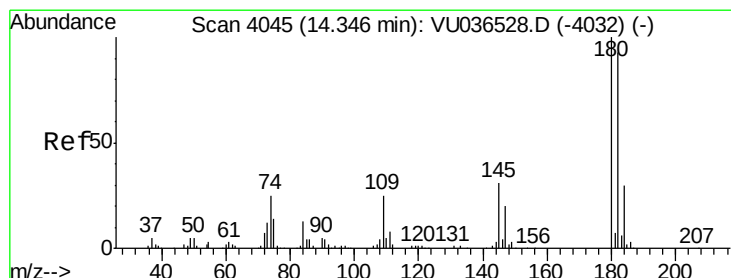
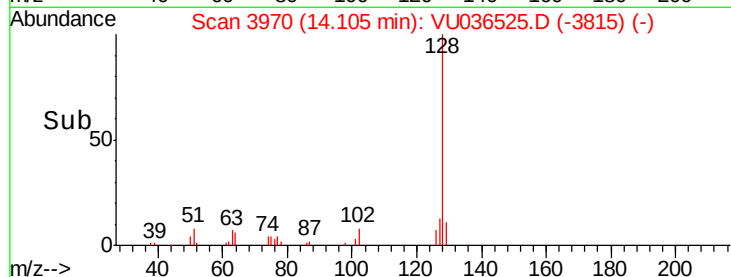
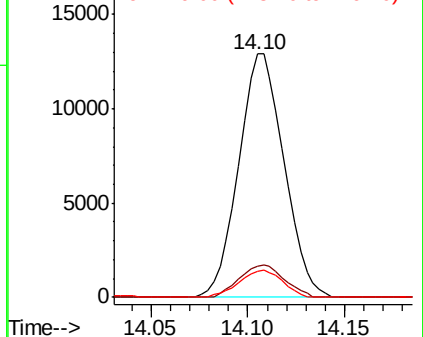
128 100

127 13.2 10.5 15.7

129 10.6 8.7 13.1



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



#90

1,2,3-Trichlorobenzene

Concen: 1.017 ug/l

RT: 14.35 min Scan# 4046

Delta R.T. 0.00 min

Lab File: VU036525.D

Acq: 22 Jan 2020 14:51

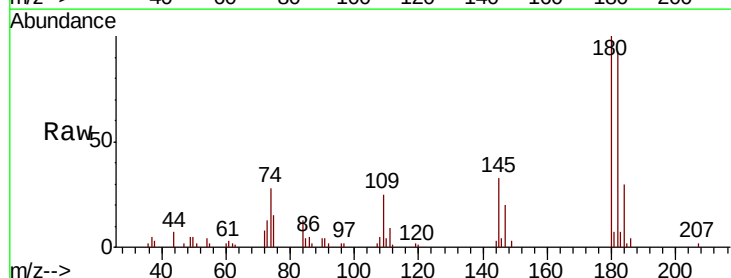
Tgt Ion:180 Resp: 12426

Ion Ratio Lower Upper

180 100

182 96.6 76.2 114.4

145 31.3 25.2 37.8



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

