

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U012220\
 Data File : VU036527.D
 Acq On : 22 Jan 2020 15:46
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 22 22:12:46 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	36312	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.66	95	13294	0.92	ug/l	0.00
Spiked Amount 1.000			Recovery	=	92.00%	
68) 1,2-Dichlorobenzene-d4	12.21	152	14622	1.16	ug/l	0.00
Spiked Amount 1.000			Recovery	=	116.00%	
Target Compounds						
					Ovalue	
2) Dichlorodifluoromethane	1.39	85	61783	5.947	ug/l	99
3) Chloromethane	1.54	50	65028	4.837	ug/l	98
4) Vinyl Chloride	1.62	62	74400	4.820	ug/l	100
5) Bromomethane	1.88	94	43976	5.365	ug/l	100
6) Chloroethane	1.95	64	39679	4.404	ug/l	97
7) Trichlorofluoromethane	2.16	101	73533	4.102	ug/l	99
8) 1,1,2-Trichloro-1,2,2-trif	2.61	101	45614	4.861	ug/l	99
9) 1,1-Dichloroethene	2.61	96	48606	5.079	ug/l	98
10) Iodomethane	2.75	142	57288	4.999	ug/l	99
11) Allyl Chloride	2.95	41	68314	3.640	ug/l	100
12) Acrylonitrile	3.37	53	24643	9.178	ug/l	94
13) Acetone	2.68	43	41571	12.912	ug/l	99
14) Carbon Disulfide	2.82	76	167779	4.694	ug/l	100
15) Methylene Chloride	3.08	84	57447	4.556	ug/l	96
16) trans-1,2-Dichloroethene	3.39	96	53349	4.984	ug/l	99
17) 1,1-Dichloroethane	3.92	63	86683	4.531	ug/l	99
18) 2-Butanone	4.78	43	62932	18.149	ug/l	98
19) Cyclohexane	5.42	56	73885	3.974	ug/l	93
20) Methylcyclohexane	6.80	83	91512	4.963	ug/l	100
21) 2,2-Dichloropropane	4.71	77	75074	4.340	ug/l	99
22) cis-1,2-Dichloroethene	4.71	96	54955	5.067	ug/l	99
23) Diethyl Ether	2.41	59	37291	4.469	ug/l	99
24) tert-Butyl Alcohol	3.29	59	34646	40.127	ug/l	99
25) Methyl tert-Butyl Ether	3.42	73	127933	4.369	ug/l	99
26) Bromochloromethane	5.02	128	24119	5.549	ug/l	98
27) Chloroform	5.13	83	86917	4.563	ug/l	99
28) 1,1,1-Trichloroethane	5.36	97	72900	4.323	ug/l	99
29) 1,1-Dichloropropene	5.56	75	71119	4.616	ug/l	99
30) Carbon Tetrachloride	5.56	117	62418	4.401	ug/l	97
31) Isopropyl Ether	4.06	45	132313	4.110	ug/l	100
32) Ethyl-t-butyl ether	4.56	59	138266	4.391	ug/l	99
33) Tert-Amyl methyl ether	5.99	73	127412	4.452	ug/l	99
34) Propionitrile	4.85	54	20181	23.330	ug/l #	97
35) Benzene	5.81	78	204368	4.743	ug/l	100
36) 1,2-Dichloroethane	5.84	62	54764	3.969	ug/l	99
37) Trichloroethene	6.58	130	56850	5.434	ug/l	99
38) 1,2-Dichloropropane	6.83	63	51374	4.541	ug/l	98
39) Methacrylonitrile	5.03	41	15972	3.897	ug/l	97
40) Methyl acrylate	4.91	55	27334	4.495	ug/l	99
41) Tetrahydrofuran	5.13	42	16546	7.785	ug/l	98
42) 1-Chlorobutane	5.50	56	91008	4.078	ug/l	99

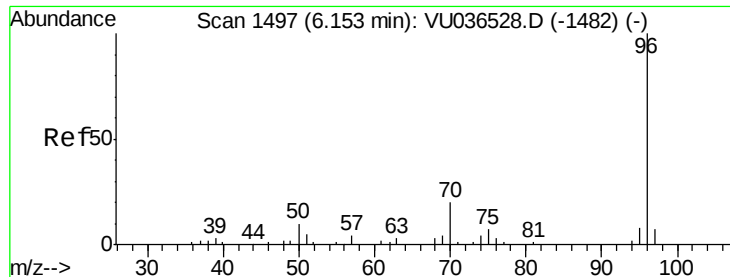
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU012220\
 Data File : VU036527.D
 Acq On : 22 Jan 2020 15:46
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 22 22:12:46 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	6.95	93	27339	4.705	ug/l	99
44) Bromodichloromethane	7.14	83	63282	4.231	ug/l	100
45) 4-Methyl-2-Pentanone	7.83	43	151217	18.817	ug/l	99
46) t-1,4-Dichloro-2-butene	10.85	75	60890	18.668	ug/l #	65
47) Methyl methacrylate	7.00	69	52511	9.476	ug/l	99
48) Ethyl methacrylate	8.37	69	51522	4.704	ug/l	100
49) Toluene	8.00	92	130966	4.901	ug/l	99
50) t-1,3-Dichloropropene	8.24	75	64968	4.426	ug/l	99
51) cis-1,3-Dichloropropene	7.64	75	77371	4.561	ug/l	100
52) 1,1,2-Trichloroethane	8.43	97	38493	4.996	ug/l	96
53) 1,3-Dichloropropane	8.61	76	66080	4.595	ug/l	99
54) 2-Hexanone	8.73	43	107710	19.468	ug/l	99
55) Dibromochloromethane	8.84	129	44222	4.901	ug/l	99
56) 1,2-Dibromoethane	8.95	107	37380	4.936	ug/l	100
58) Tetrachloroethene	8.58	164	52775	6.107	ug/l	99
59) Chlorobenzene	9.47	112	144204	5.112	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.56	131	47616	4.985	ug/l	98
61) Pentachloroethane	11.45	117	34161	4.347	ug/l	100
62) Hexachloroethane	12.50	117	39044	4.732	ug/l	98
63) Ethyl Benzene	9.60	91	246965	4.815	ug/l	97
64) m/p-Xylenes	9.72	106	194465	10.253	ug/l	98
65) o-Xylene	10.12	106	94048	5.080	ug/l	100
66) Styrene	10.14	104	156995	5.139	ug/l	100
67) Bromoform	10.32	173	25543	5.717	ug/l	98
69) Isopropylbenzene	10.51	105	245258	4.928	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.81	83	49138	4.734	ug/l	96
71) 1,2,3-Trichloropropane	10.85	75	60890	7.690	ug/l	67
72) Bromobenzene	10.81	156	60066	5.702	ug/l	99
73) n-propylbenzene	10.93	120	70766	5.303	ug/l	98
74) 2-Chlorotoluene	11.01	126	59045	5.160	ug/l	97
75) 1,3,5-Trimethylbenzene	11.11	105	211921	5.018	ug/l	100
76) 4-Chlorotoluene	11.12	126	62692	5.319	ug/l	99
77) tert-Butylbenzene	11.44	119	203034	5.018	ug/l	100
78) 1,2,4-Trimethylbenzene	11.49	105	217894	4.981	ug/l	100
79) sec-Butylbenzene	11.66	105	278363	4.957	ug/l	100
80) Nitrobenzene	13.23	77	3716	20.413	ug/l	99
81) p-Isopropyltoluene	11.81	119	234923	5.246	ug/l	100
82) 1,3-Dichlorobenzene	11.77	146	119262	5.403	ug/l	100
83) 1,4-Dichlorobenzene	11.86	146	119721	5.477	ug/l	100
84) n-Butylbenzene	12.23	91	219828	4.664	ug/l	99
85) 1,2-Dichlorobenzene	12.23	146	113246	5.423	ug/l	99
86) 1,2-Dibromo-3-Chloropropan	13.02	75	7910	4.193	ug/l	96
87) 1,2,4-Trichlorobenzene	13.86	180	76239	5.749	ug/l	99
88) Hexachlorobutadiene	14.04	225	40171	6.452	ug/l	99
89) Naphthalene	14.10	128	131815	5.011	ug/l	100
90) 1,2,3-Trichlorobenzene	14.35	180	70335	5.775	ug/l	99

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



#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 6.15 min Scan# 1496

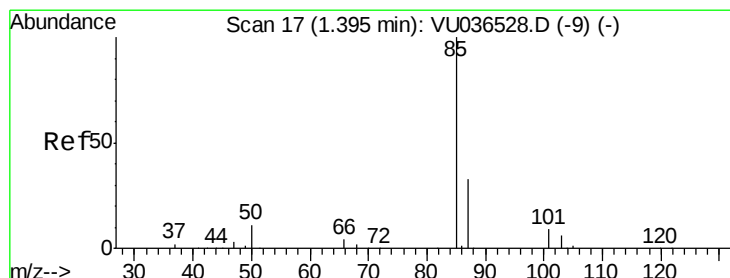
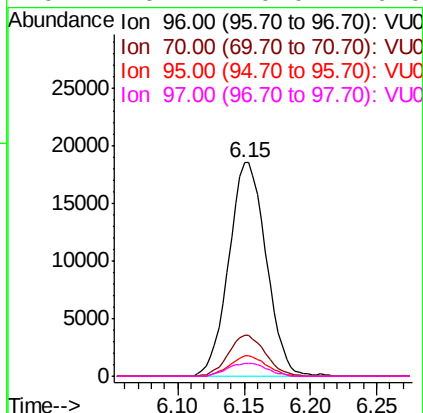
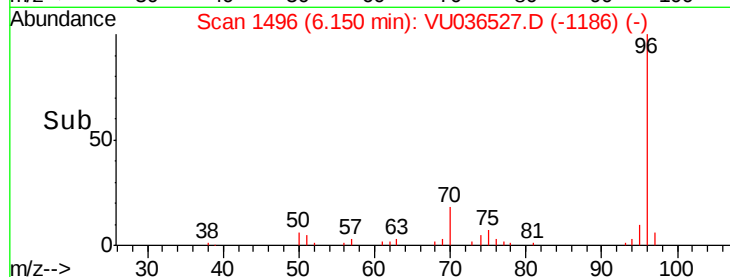
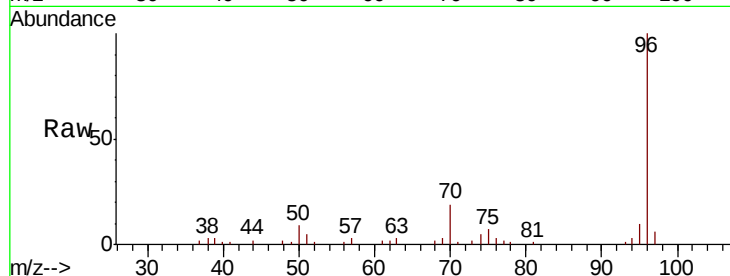
Delta R.T. -0.00 min

Lab File: VU036527.D

Acq: 22 Jan 2020 15:46

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:	96	Resp:	36312
Ion	Ratio	Lower	Upper
96	100		
70	19.1	15.6	23.4
95	9.3	7.0	10.6
97	6.4	0.0	0.0#



#2

Dichlorodifluoromethane

Concen: 5.947 ug/l

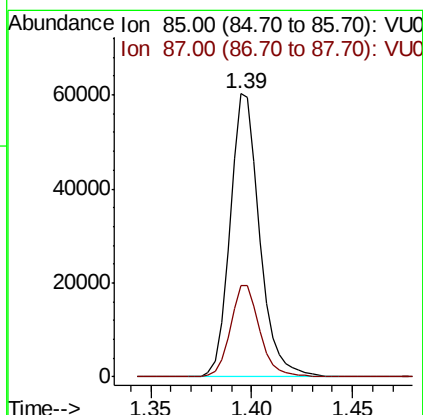
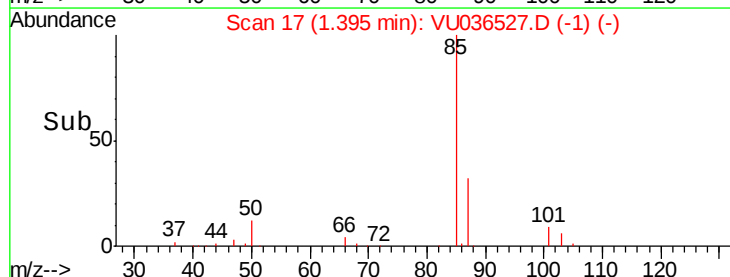
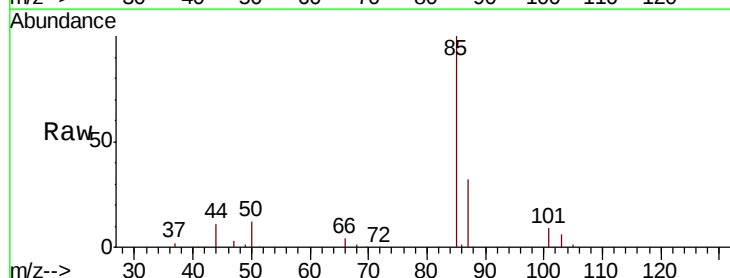
RT: 1.39 min Scan# 17

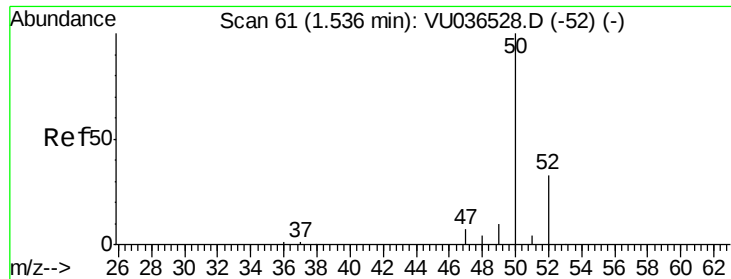
Delta R.T. -0.00 min

Lab File: VU036527.D

Acq: 22 Jan 2020 15:46

Tgt Ion:	85	Resp:	61783
Ion	Ratio	Lower	Upper
85	100		
87	32.1	16.4	49.2

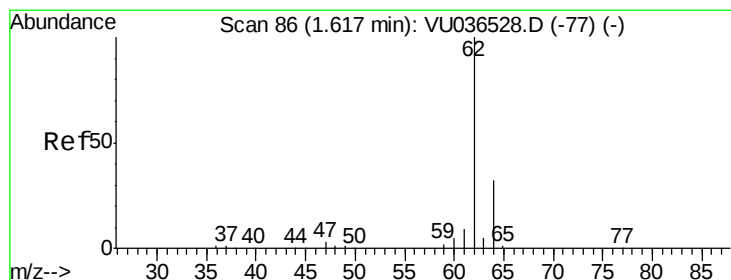
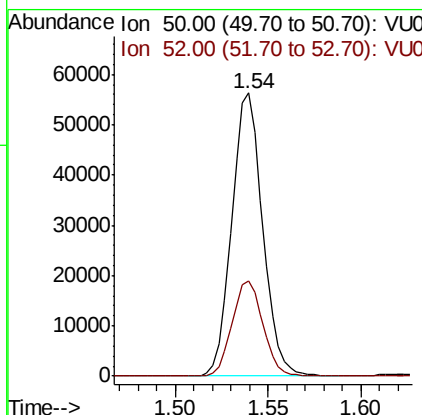
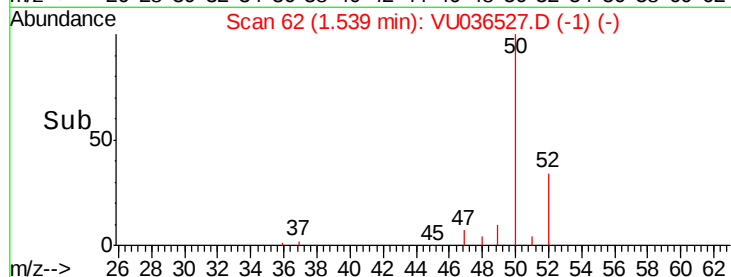
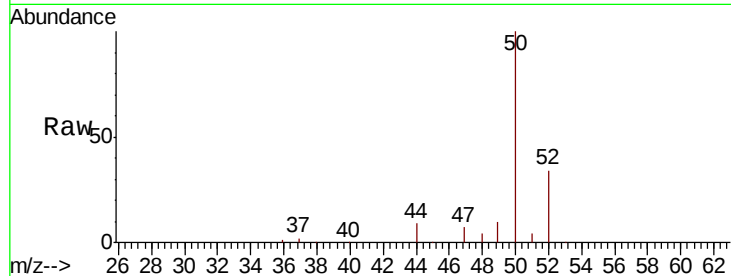




#3
 Chloromethane
 Concen: 4.837 ug/l
 RT: 1.54 min Scan# 62
 Delta R.T. 0.00 min
 Lab File: VU036527.D
 Acq: 22 Jan 2020 15:46

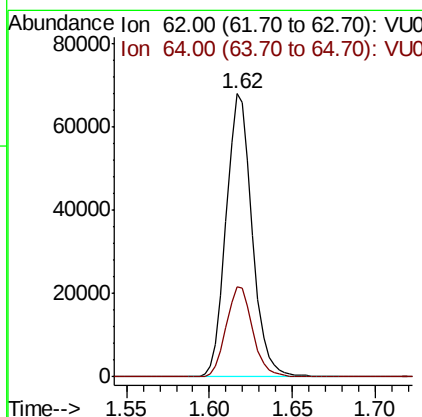
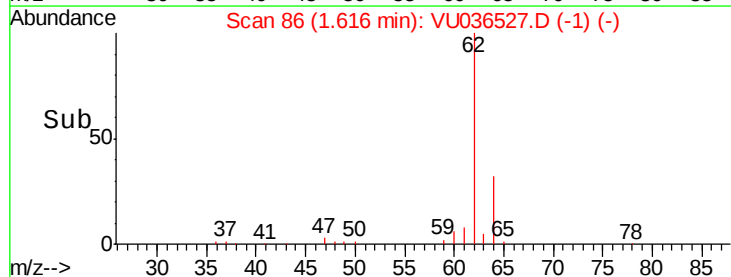
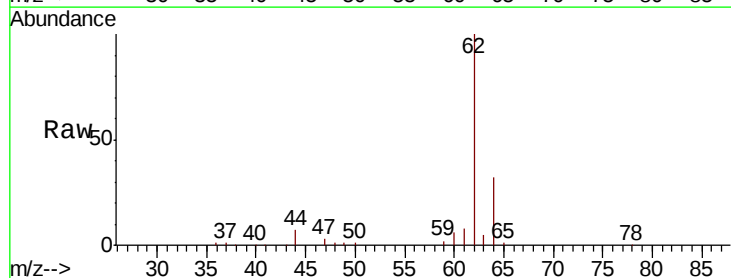
Instrument :
 MSVOA_U
 ClientSampleId :

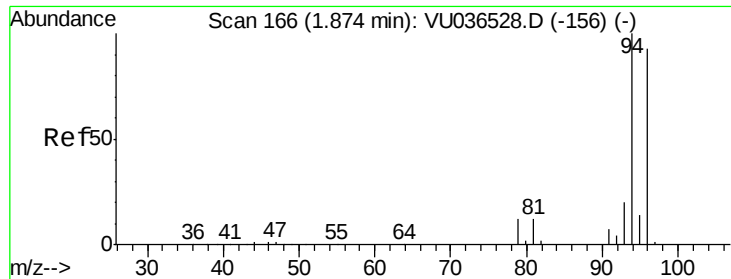
Tot Ion: 50 Resp: 65028
 Ion Ratio Lower Upper
 50 100
 52 33.6 26.0 39.0



#4
 Vinyl Chloride
 Concen: 4.820 ug/l
 RT: 1.62 min Scan# 86
 Delta R.T. -0.00 min
 Lab File: VU036527.D
 Acq: 22 Jan 2020 15:46

Tgt Ion: 62 Resp: 74400
 Ion Ratio Lower Upper
 62 100
 64 32.0 25.4 38.2

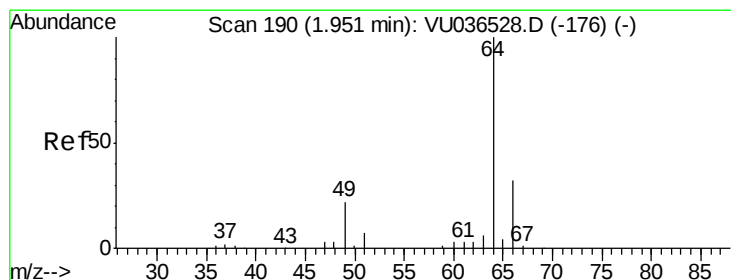
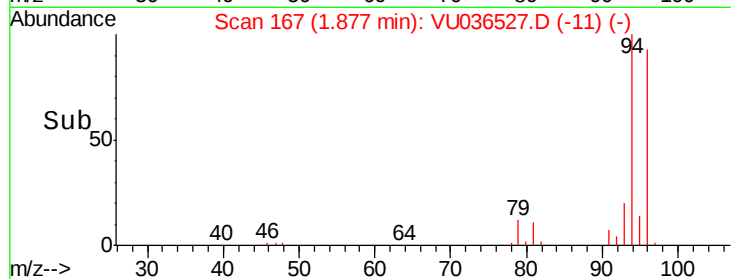
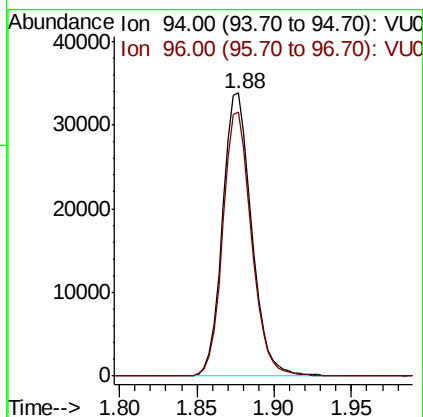
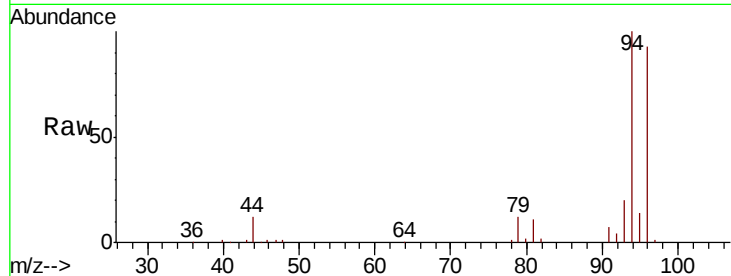




#5
Bromomethane
Concen: 5.365 ug/l
RT: 1.88 min Scan# 167
Delta R.T. 0.00 min
Lab File: VU036527.D
Acq: 22 Jan 2020 15:46

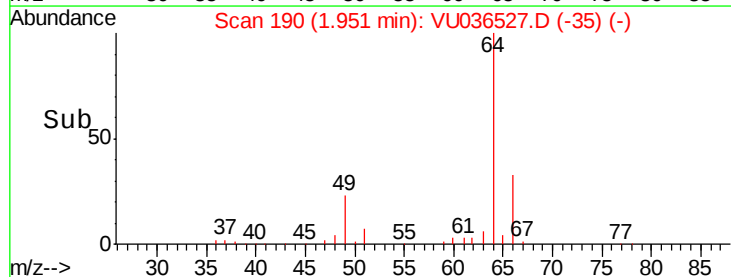
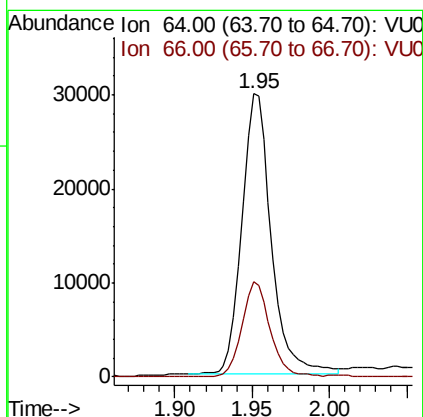
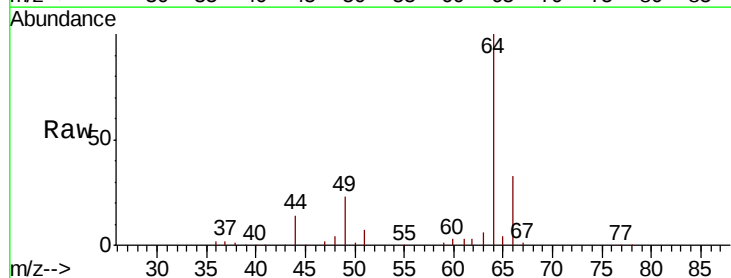
Instrument :
MSVOA_U
ClientSampleId :

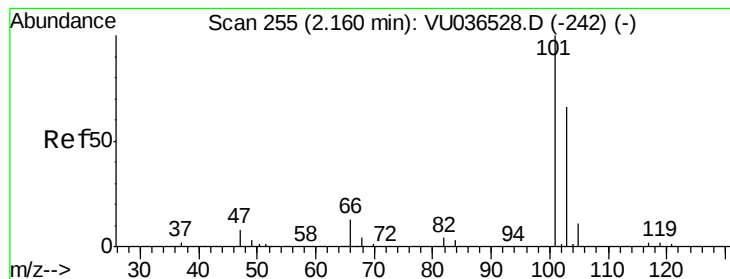
Tot Ion: 94 Resp: 43976
Ion Ratio Lower Upper
94 100
96 93.5 74.6 112.0



#6
Chloroethane
Concen: 4.404 ug/l
RT: 1.95 min Scan# 190
Delta R.T. -0.00 min
Lab File: VU036527.D
Acq: 22 Jan 2020 15:46

Tgt Ion: 64 Resp: 39679
Ion Ratio Lower Upper
64 100
66 33.7 25.5 38.3



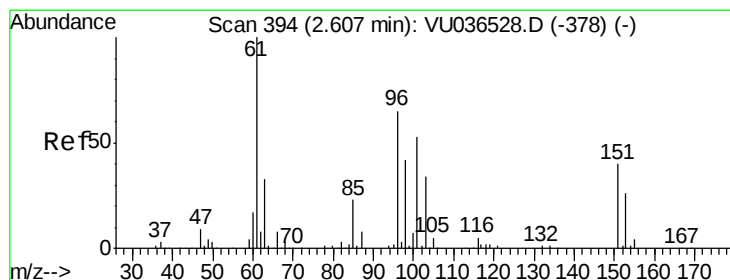
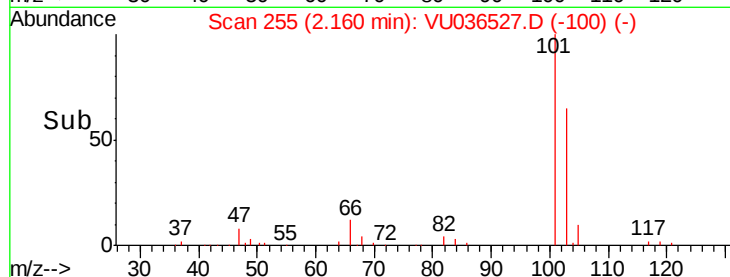
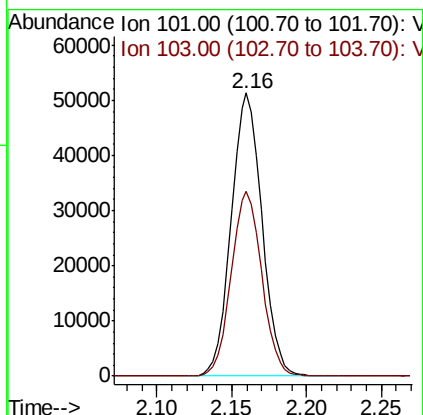
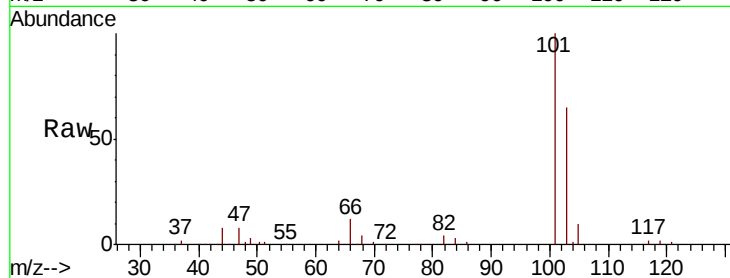


#7

Trichlorofluoromethane
 Concen: 4.102 ug/l
 RT: 2.16 min Scan# 255
 Delta R.T. -0.00 min
 Lab File: VU036527.D
 Acq: 22 Jan 2020 15:46

Instrument :
 MSVOA_U
 ClientSampleId :

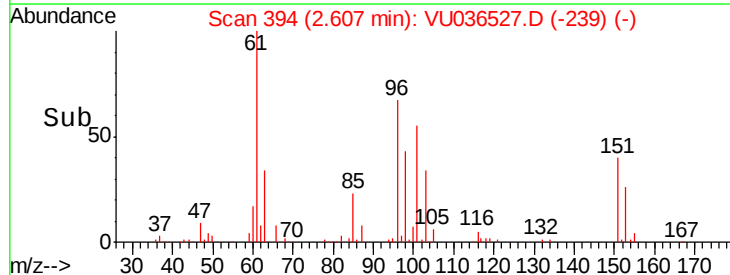
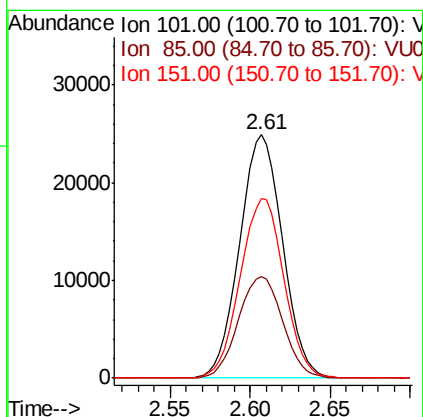
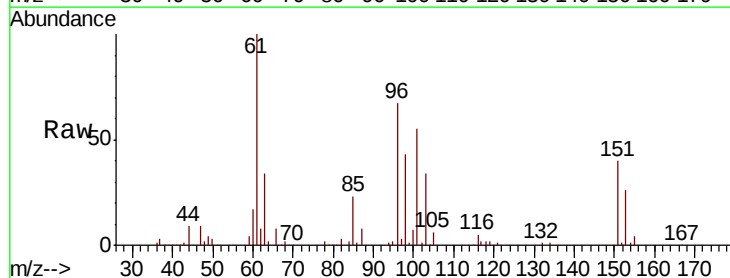
Tot Ion:101 Resp: 73533
 Ion Ratio Lower Upper
 101 100
 103 65.3 53.0 79.6

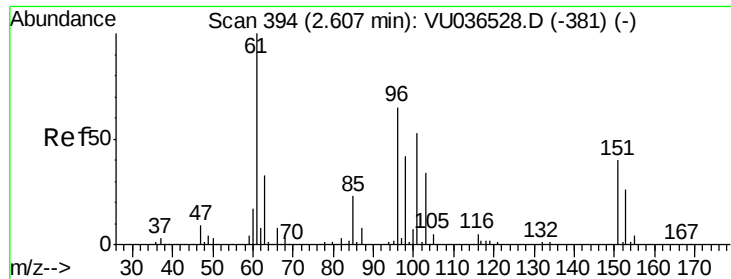


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.861 ug/l
 RT: 2.61 min Scan# 394
 Delta R.T. -0.00 min
 Lab File: VU036527.D
 Acq: 22 Jan 2020 15:46

Tgt Ion:101 Resp: 45614
 Ion Ratio Lower Upper
 101 100
 85 42.9 33.9 50.9
 151 75.1 59.8 89.8





#9

1,1-Dichloroethene

Concen: 5.079 ug/l

RT: 2.61 min Scan# 394

Delta R.T. -0.00 min

Lab File: VU036527.D

Acq: 22 Jan 2020 15:46

Instrument :

MSVOA_U

ClientSampleId :

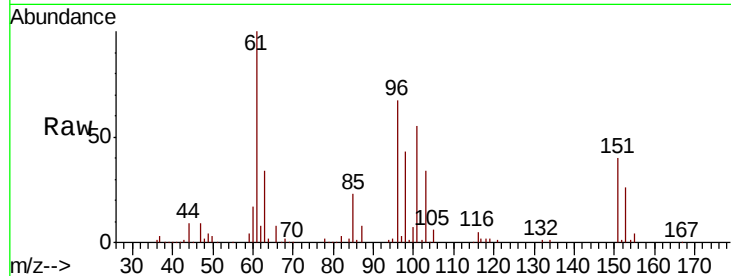
Tot Ion: 96 Resp: 48606

Ion Ratio Lower Upper

96 100

61 150.2 0.0 463.2

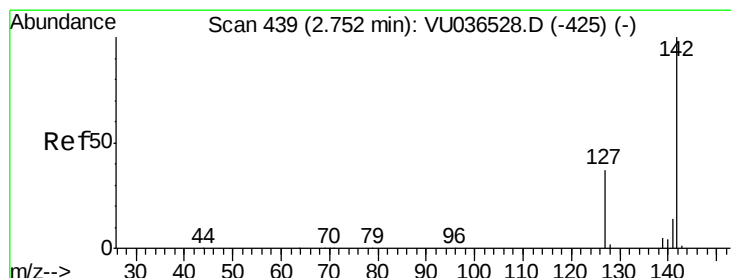
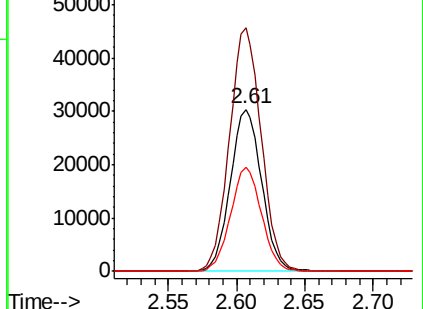
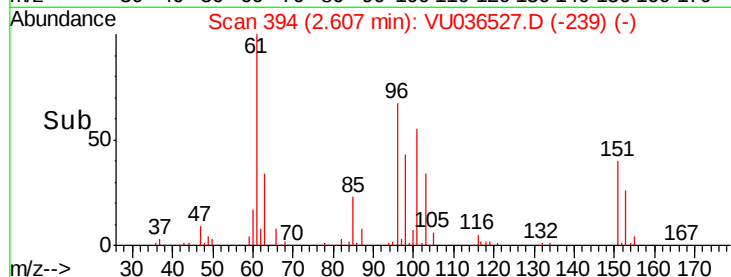
98 64.5 0.0 130.0



Abundance Ion 96.00 (95.70 to 96.70): VU036527.D (-239) (-)

Ion 61.00 (60.70 to 61.70): VU036527.D (-239) (-)

Ion 98.00 (97.70 to 98.70): VU036527.D (-239) (-)



#10

Iodomethane

Concen: 4.999 ug/l

RT: 2.75 min Scan# 439

Delta R.T. -0.00 min

Lab File: VU036527.D

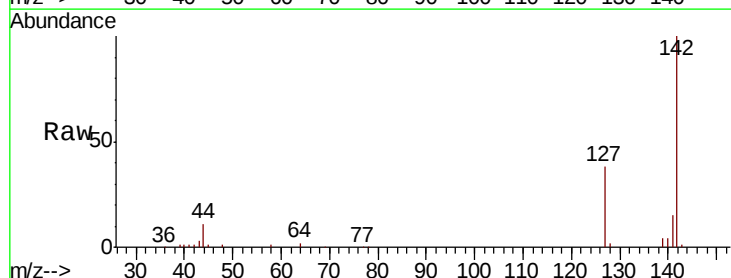
Acq: 22 Jan 2020 15:46

Tgt Ion: 142 Resp: 57288

Ion Ratio Lower Upper

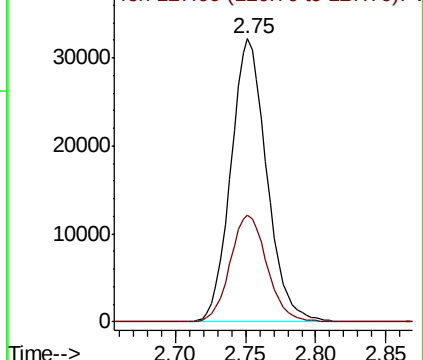
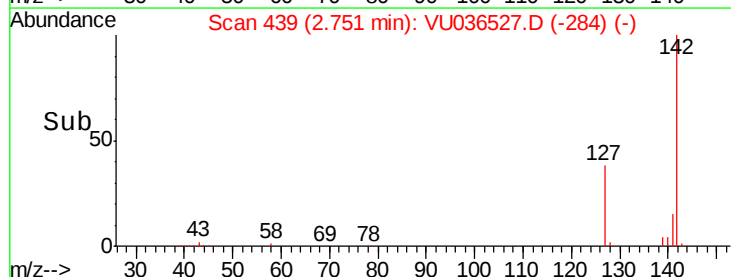
142 100

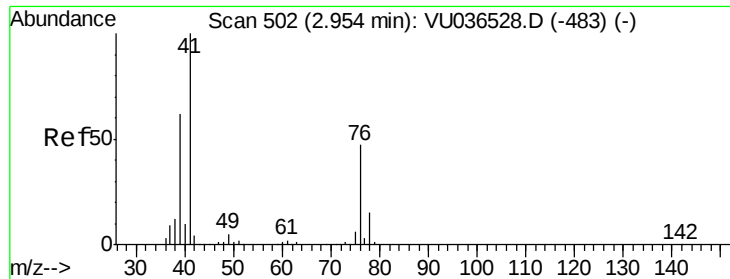
127 38.6 30.3 45.5



Abundance Ion 142.00 (141.70 to 142.70): VU036527.D (-284) (-)

Ion 127.00 (126.70 to 127.70): VU036527.D (-284) (-)

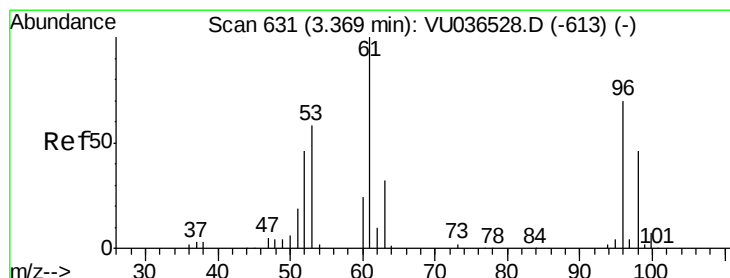
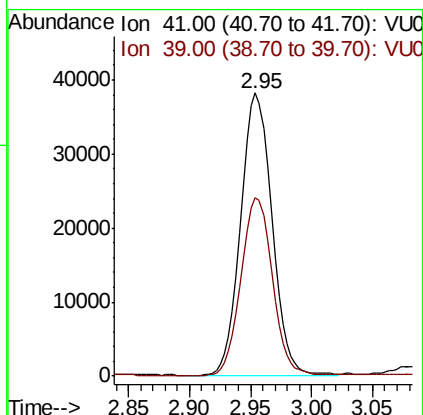
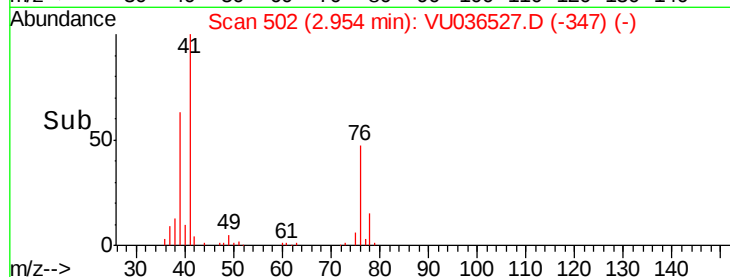
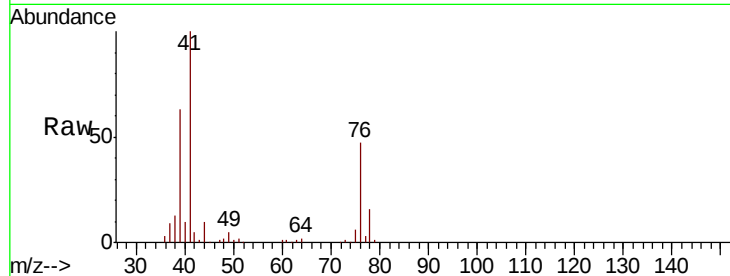




#11
Allvl Chloride
Concen: 3.640 ug/l
RT: 2.95 min Scan# 502
Delta R.T. -0.00 min
Lab File: VU036527.D
Acq: 22 Jan 2020 15:46

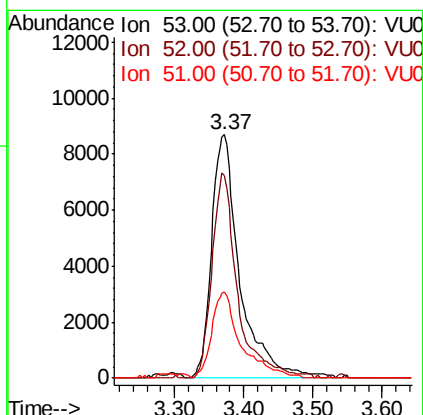
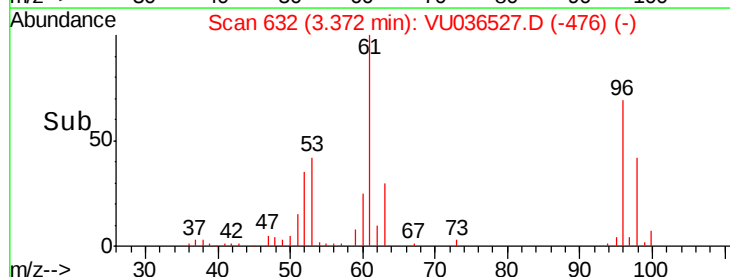
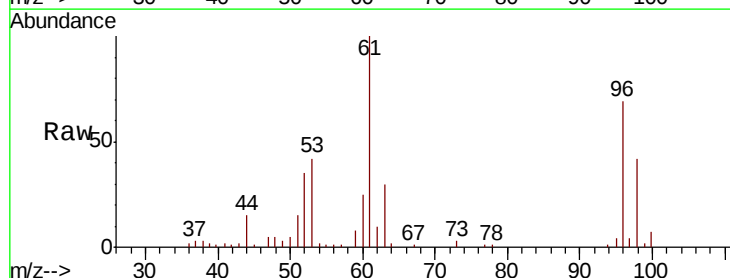
Instrument :
MSVOA_U
ClientSampled :

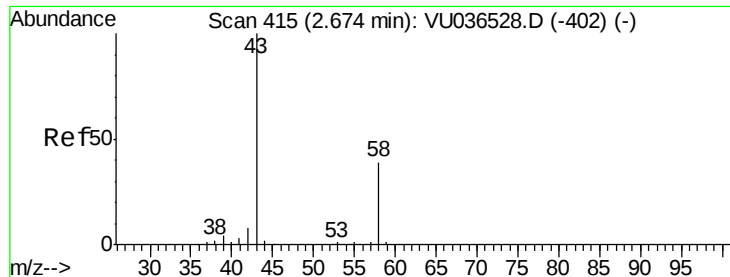
Tot Ion: 41 Resp: 68314
Ion Ratio Lower Upper
41 100
39 63.3 50.7 76.1



#12
Acrylonitrile
Concen: 9.178 ug/l
RT: 3.37 min Scan# 632
Delta R.T. 0.00 min
Lab File: VU036527.D
Acq: 22 Jan 2020 15:46

Tgt Ion: 53 Resp: 24643
Ion Ratio Lower Upper
53 100
52 75.5 64.6 97.0
51 36.7 27.2 40.8





#13

Acetone

Concen: 12.912 ug/l

RT: 2.68 min Scan# 416

Delta R.T. 0.00 min

Lab File: VU036527.D

Acq: 22 Jan 2020 15:46

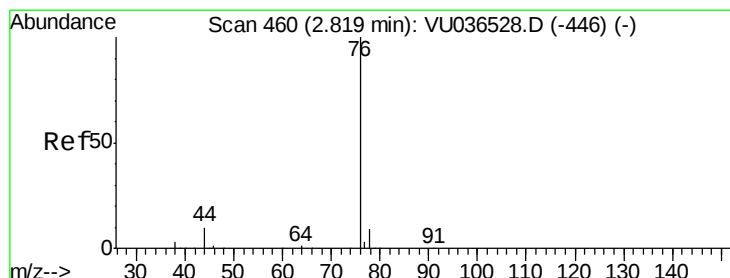
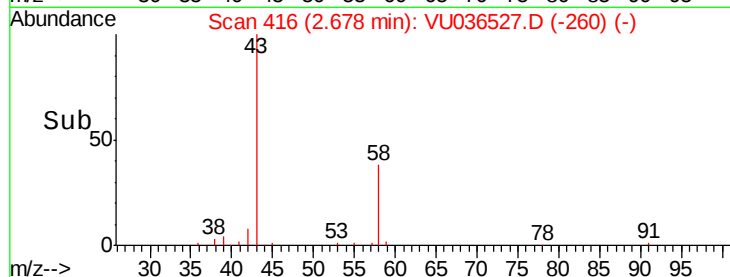
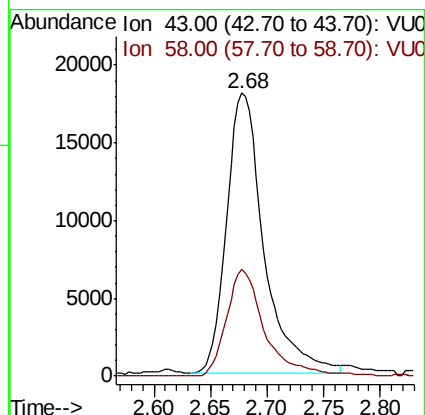
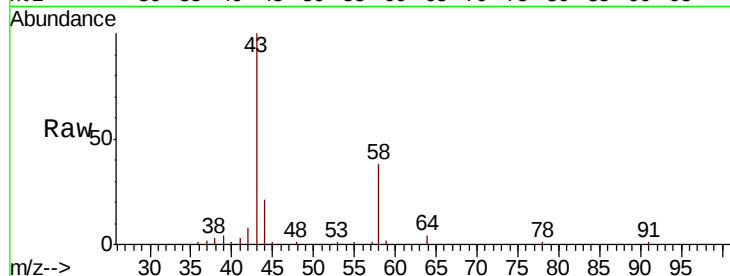
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 41571

Ion Ratio Lower Upper

43 100

58 38.1 30.8 46.2



#14

Carbon Disulfide

Concen: 4.694 ug/l

RT: 2.82 min Scan# 460

Delta R.T. -0.00 min

Lab File: VU036527.D

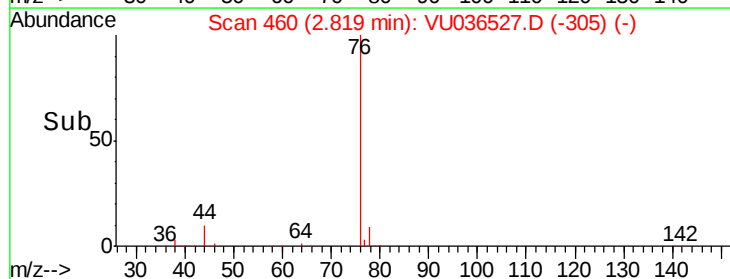
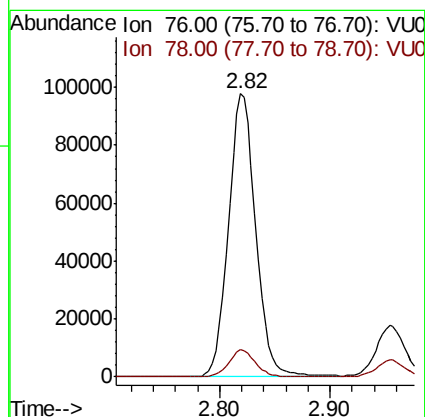
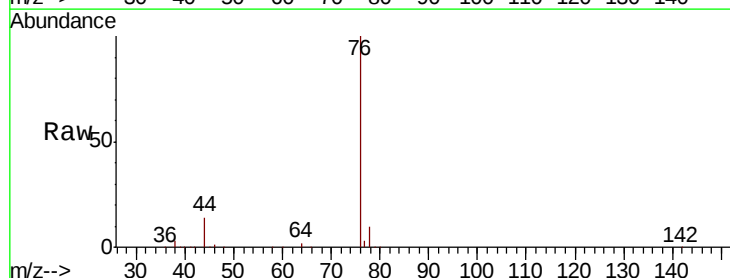
Acq: 22 Jan 2020 15:46

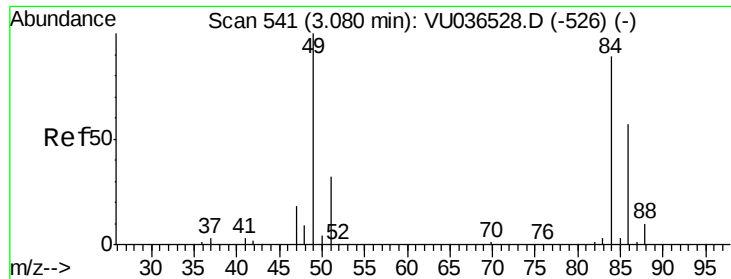
Tgt Ion: 76 Resp: 167779

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.0

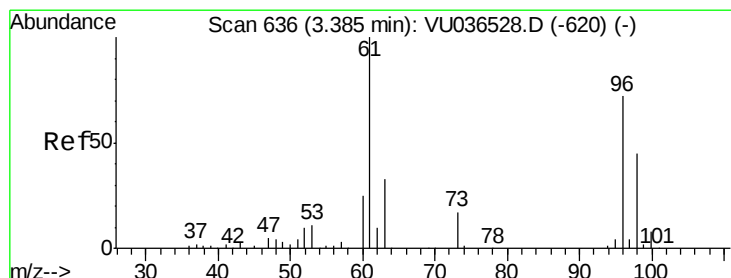
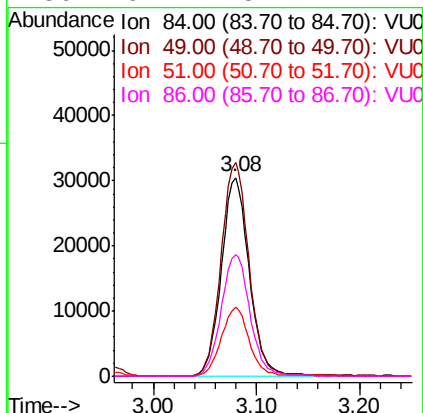
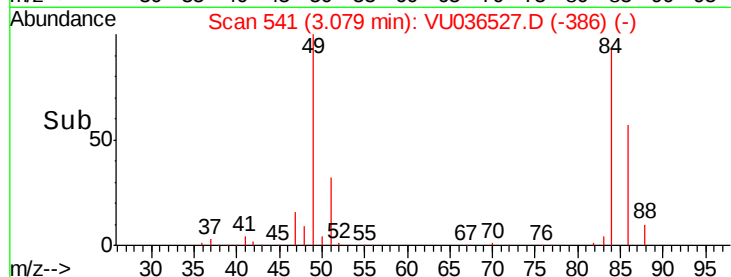
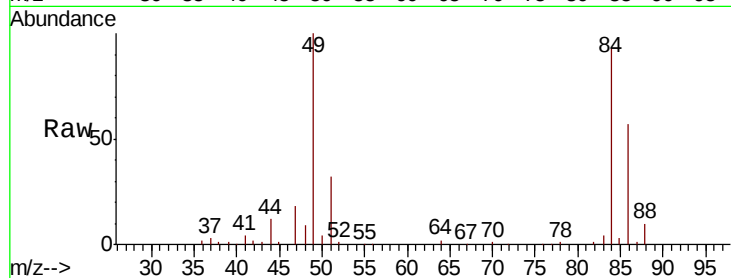




#15
Methvlene Chloride
Concen: 4.556 ug/l
RT: 3.08 min Scan# 541
Delta R.T. -0.00 min
Lab File: VU036527.D
Acq: 22 Jan 2020 15:46

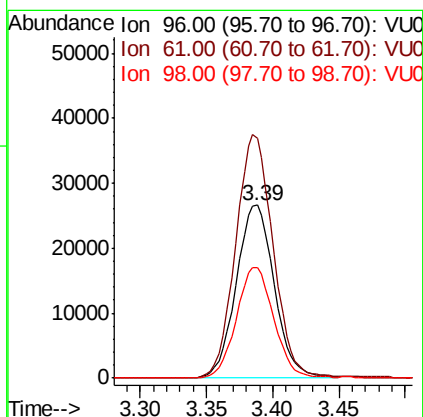
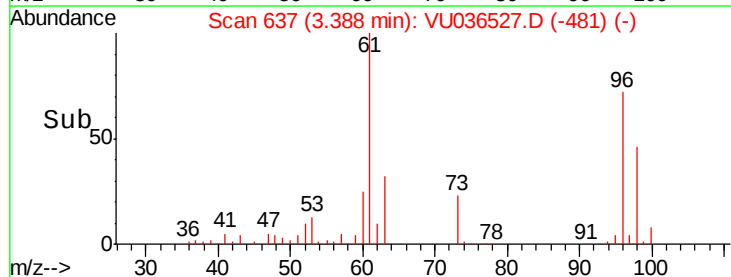
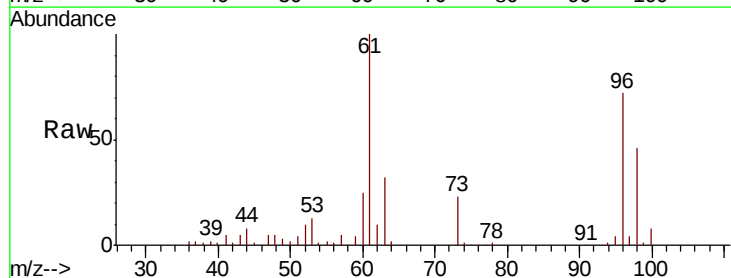
Instrument :
MSVOA_U
ClientSampled :

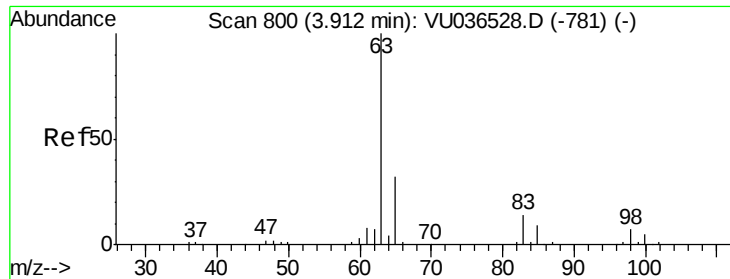
Tot Ion: 84 Resp: 57447
Ion Ratio Lower Upper
84 100
49 107.6 89.7 134.5
51 35.0 0.0 71.6
86 61.4 51.4 77.2



#16
trans-1,2-Dichloroethene
Concen: 4.984 ug/l
RT: 3.39 min Scan# 637
Delta R.T. 0.00 min
Lab File: VU036527.D
Acq: 22 Jan 2020 15:46

Tgt Ion: 96 Resp: 53349
Ion Ratio Lower Upper
96 100
61 138.7 110.8 166.2
98 64.2 50.3 75.5

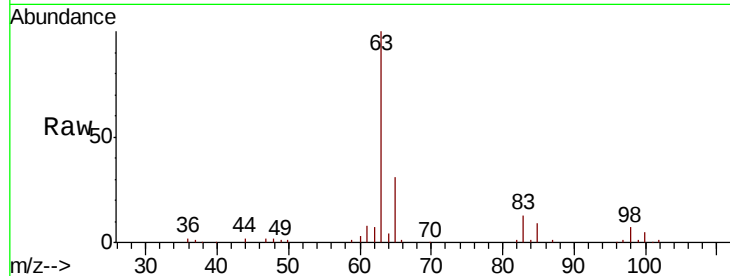




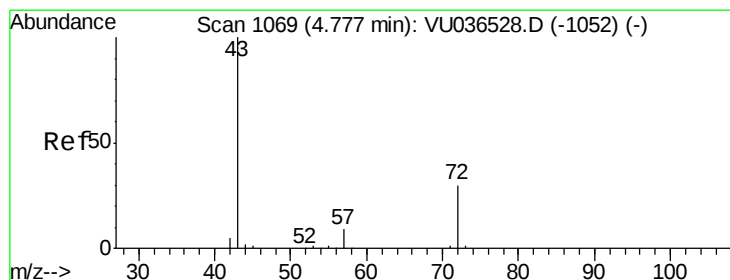
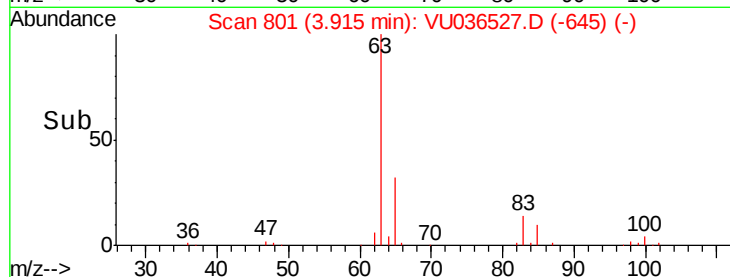
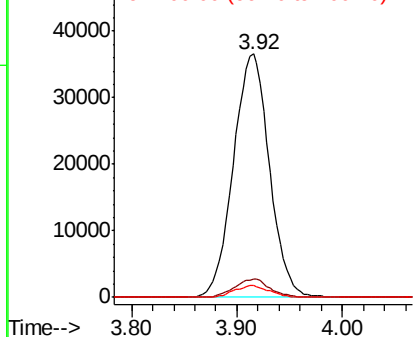
#17
 1,1-Dichloroethane
 Concen: 4.531 ug/l
 RT: 3.92 min Scan# 801
 Delta R.T. 0.00 min
 Lab File: VU036527.D
 Acq: 22 Jan 2020 15:46

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 63 Resp: 86683
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.5 10.5
 100 4.8 2.4 7.1

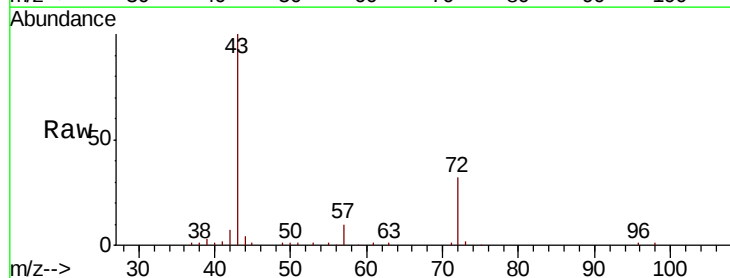


Abundance Ion 63.00 (62.70 to 63.70): VU0
 Ion 98.00 (97.70 to 98.70): VU0
 Ion 100.00 (99.70 to 100.70): VU0

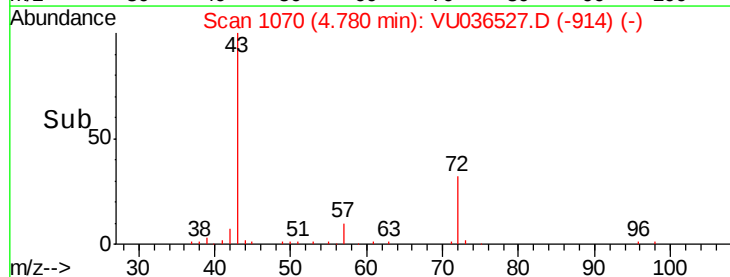
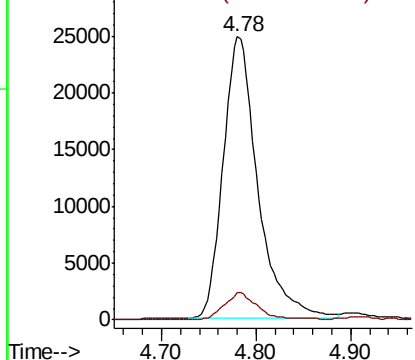


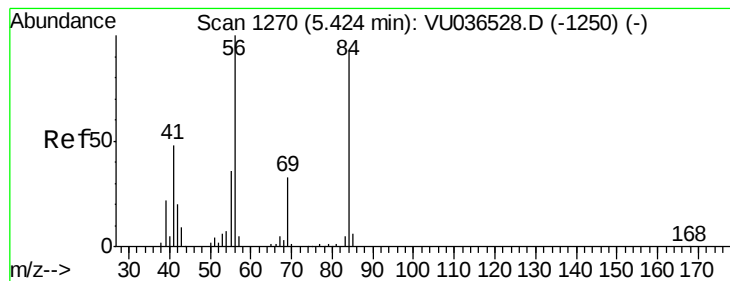
#18
 2-Butanone
 Concen: 18.149 ug/l
 RT: 4.78 min Scan# 1070
 Delta R.T. 0.00 min
 Lab File: VU036527.D
 Acq: 22 Jan 2020 15:46

Tgt Ion: 43 Resp: 62932
 Ion Ratio Lower Upper
 43 100
 57 9.6 0.0 17.8



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





#19

Cyclohexane

Concen: 3.974 ug/l

RT: 5.42 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VU036527.D

Acq: 22 Jan 2020 15:46

Instrument :
MSVOA_U
ClientSampleId :

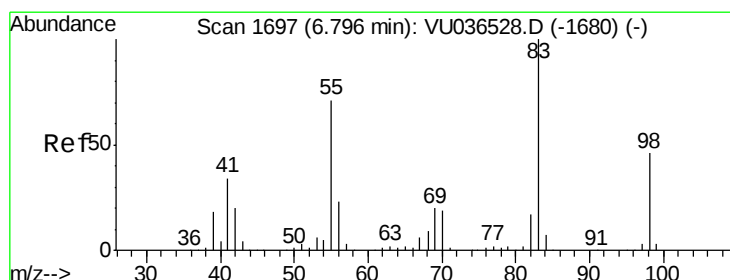
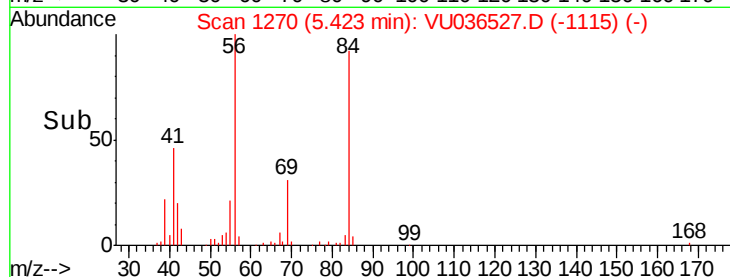
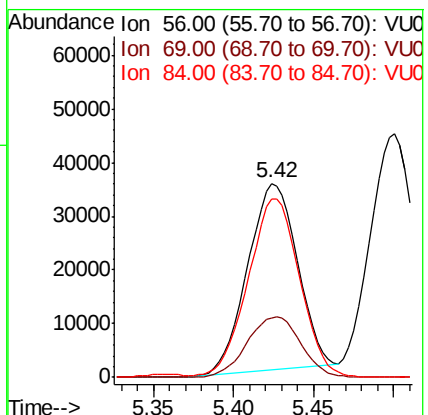
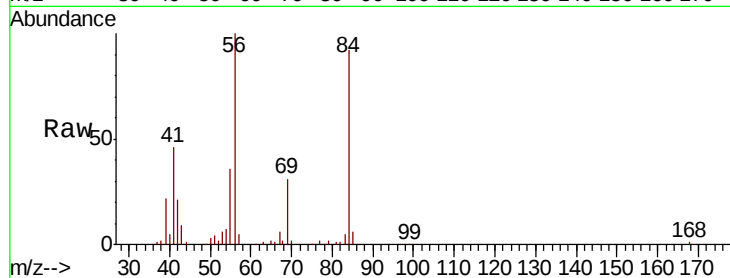
Tot Ion: 56 Resp: 73885

Ion Ratio Lower Upper

56 100

69 35.2 26.2 39.2

84 98.8 72.8 109.2



#20

Methylcyclohexane

Concen: 4.963 ug/l

RT: 6.80 min Scan# 1697

Delta R.T. -0.00 min

Lab File: VU036527.D

Acq: 22 Jan 2020 15:46

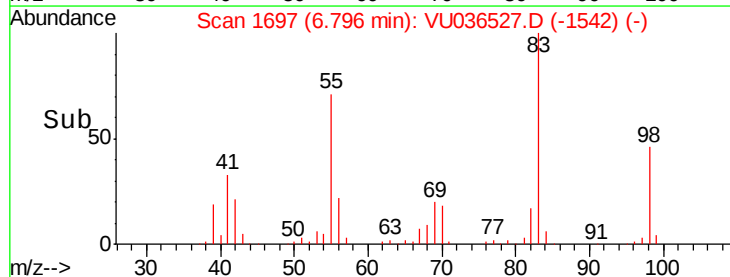
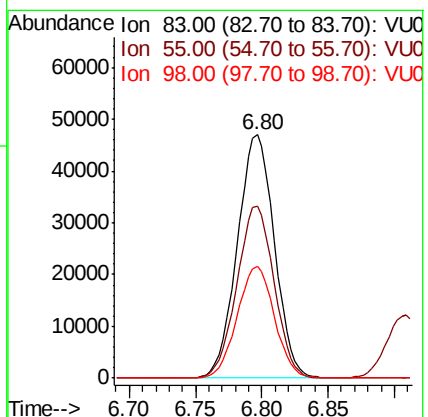
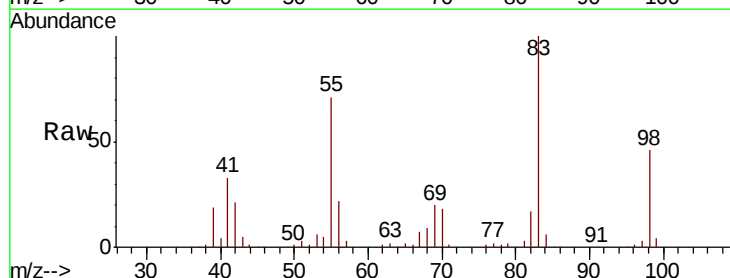
Tgt Ion: 83 Resp: 91512

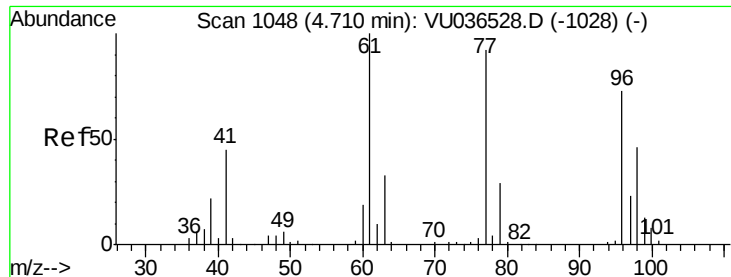
Ion Ratio Lower Upper

83 100

55 70.8 56.6 85.0

98 46.1 37.5 56.3

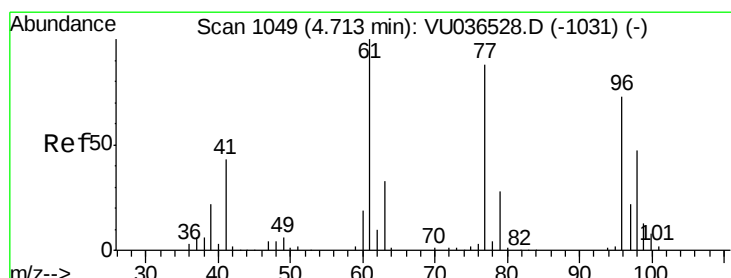
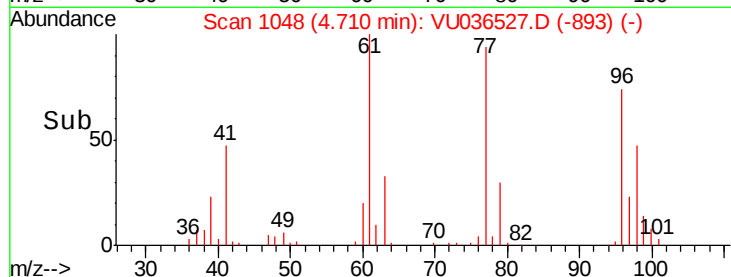
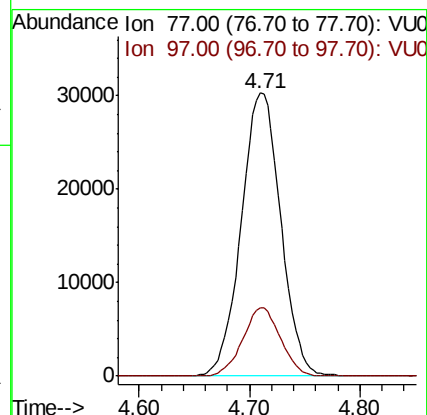
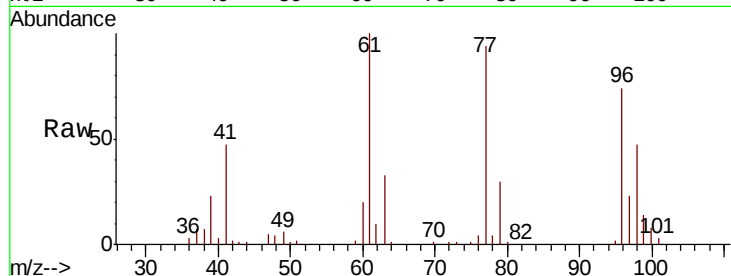




#21
2,2-Dichloropropane
Concen: 4.340 ug/l
RT: 4.71 min Scan# 1048
Delta R.T. -0.00 min
Lab File: VU036527.D
Acq: 22 Jan 2020 15:46

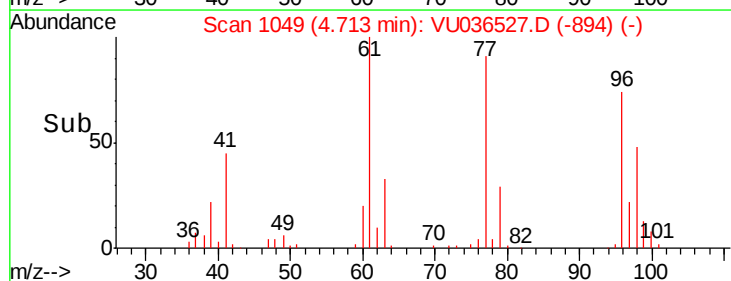
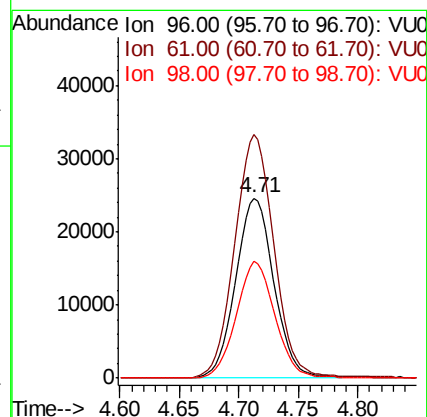
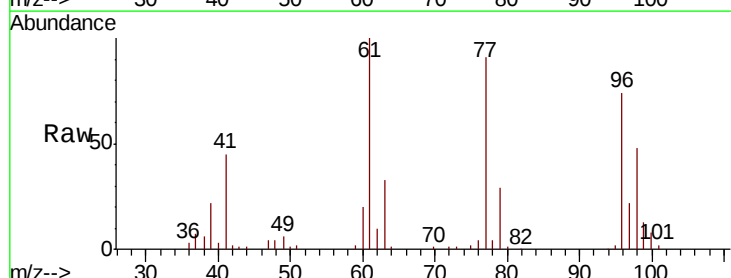
Instrument :
MSVOA_U
ClientSampleId :

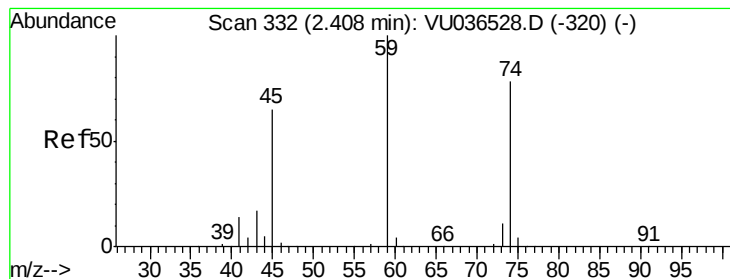
Tot Ion: 77 Resp: 75074
Ion Ratio Lower Upper
77 100
97 23.1 19.0 28.4



#22
cis-1,2-Dichloroethene
Concen: 5.067 ug/l
RT: 4.71 min Scan# 1049
Delta R.T. -0.00 min
Lab File: VU036527.D
Acq: 22 Jan 2020 15:46

Tgt Ion: 96 Resp: 54955
Ion Ratio Lower Upper
96 100
61 138.3 0.0 342.0
98 65.3 32.0 96.0





#23

Diethyl Ether

Concen: 4.469 ug/l

RT: 2.41 min Scan# 332

Delta R.T. -0.00 min

Lab File: VU036527.D

Acq: 22 Jan 2020 15:46

Instrument :

MSVOA_U

ClientSampleId :

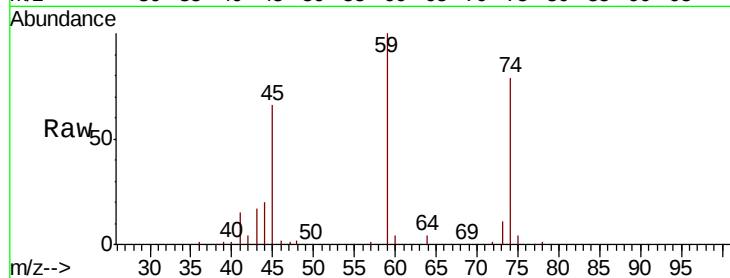
Tot Ion: 59 Resp: 37291

Ion Ratio Lower Upper

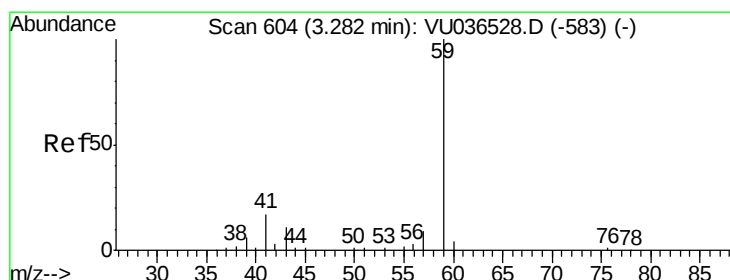
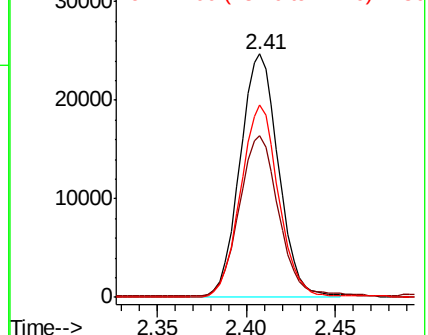
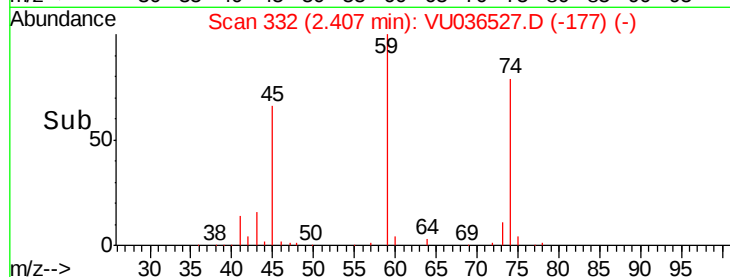
59 100

45 67.3 52.4 78.6

74 77.9 62.1 93.1



Abundance Ion 59.00 (58.70 to 59.70): VU036527.D (-177) (-)



#24

tert-Butyl Alcohol

Concen: 40.127 ug/l

RT: 3.29 min Scan# 605

Delta R.T. 0.00 min

Lab File: VU036527.D

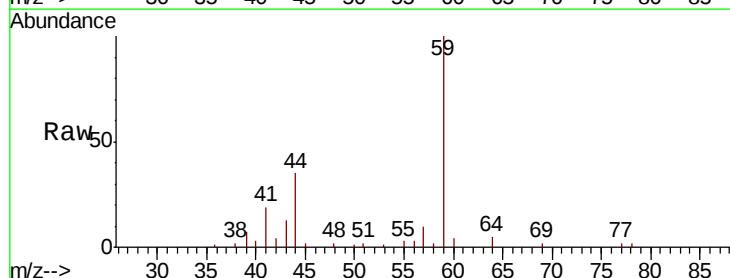
Acq: 22 Jan 2020 15:46

Tgt Ion: 59 Resp: 34646

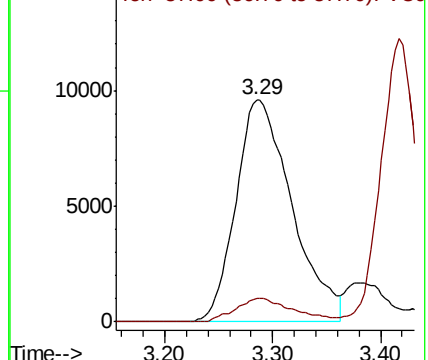
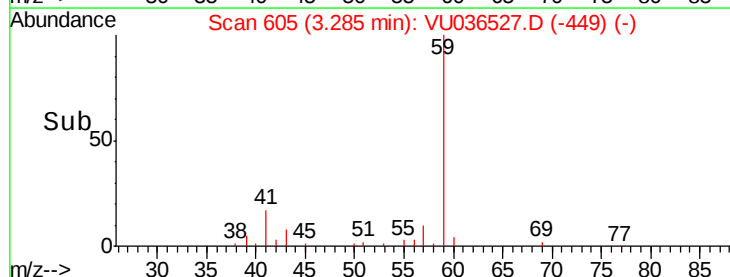
Ion Ratio Lower Upper

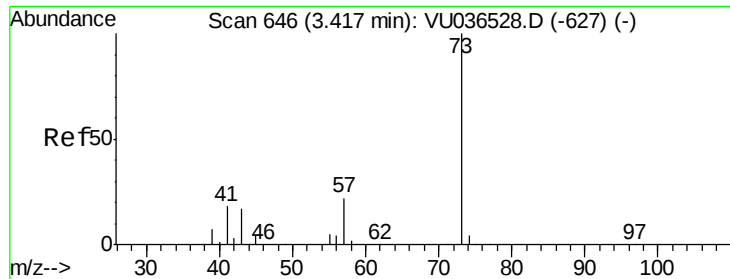
59 100

57 11.0 8.4 12.6



Abundance Ion 59.00 (58.70 to 59.70): VU036527.D (-449) (-)



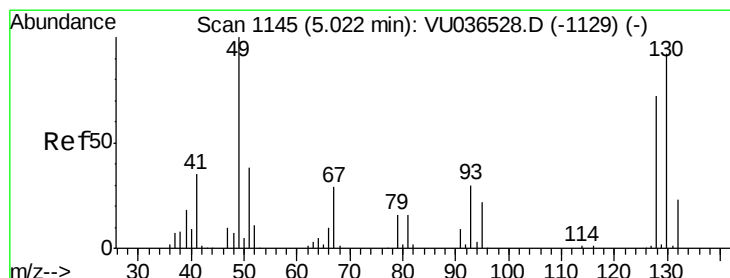
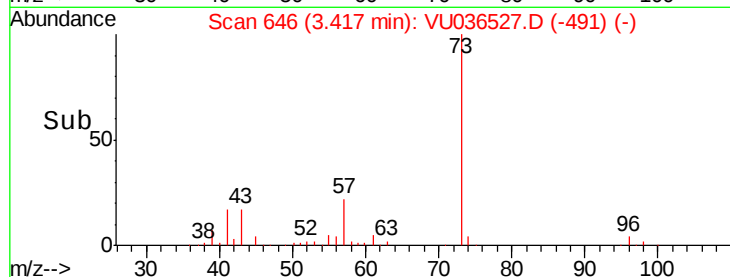
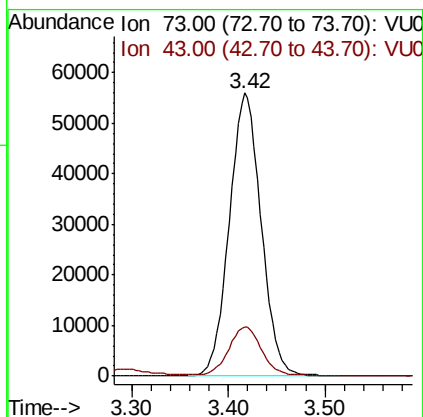
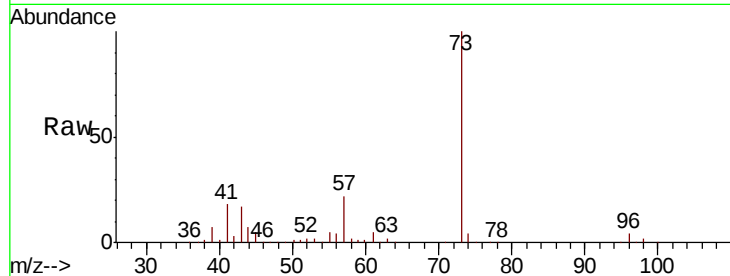


#25

Methyl tert-Butyl Ether
 Concen: 4.369 ug/l
 RT: 3.42 min Scan# 646
 Delta R.T. -0.00 min
 Lab File: VU036527.D
 Acq: 22 Jan 2020 15:46

Instrument :
 MSVOA_U
 ClientSampleId :

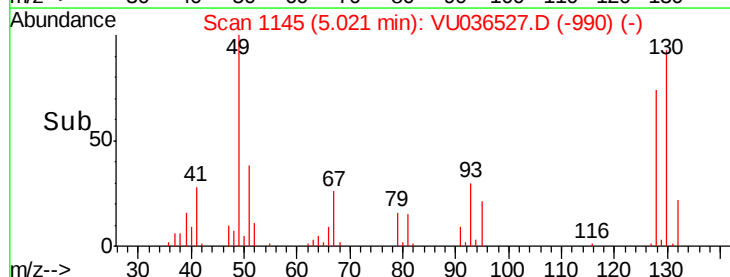
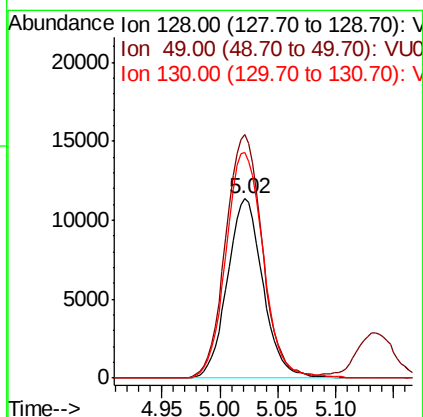
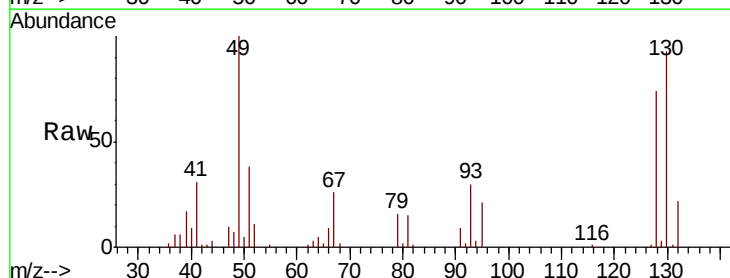
Tot Ion: 73 Resp: 127933
 Ion Ratio Lower Upper
 73 100
 43 17.7 14.5 21.7

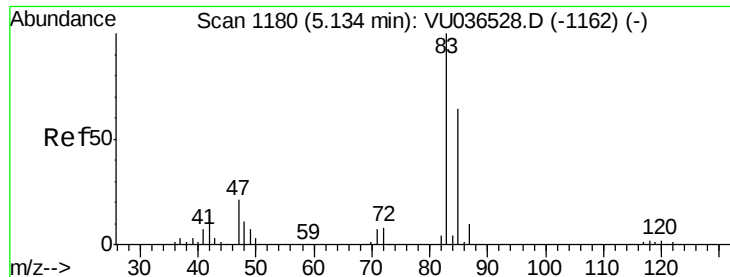


#26

Bromochloromethane
 Concen: 5.549 ug/l
 RT: 5.02 min Scan# 1145
 Delta R.T. -0.00 min
 Lab File: VU036527.D
 Acq: 22 Jan 2020 15:46

Tgt Ion: 128 Resp: 24119
 Ion Ratio Lower Upper
 128 100
 49 140.2 0.0 286.2
 130 132.4 104.3 156.5

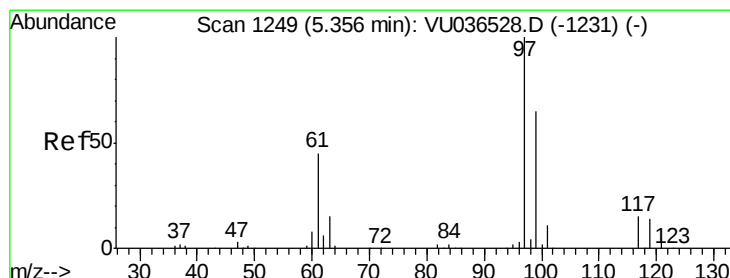
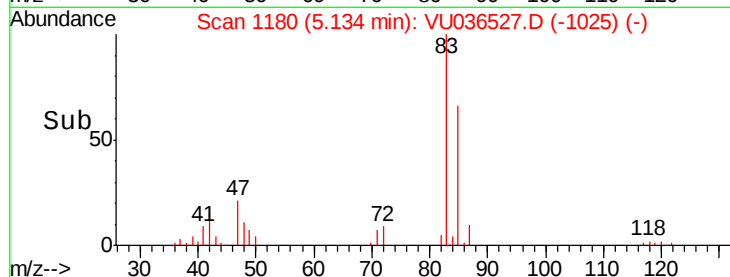
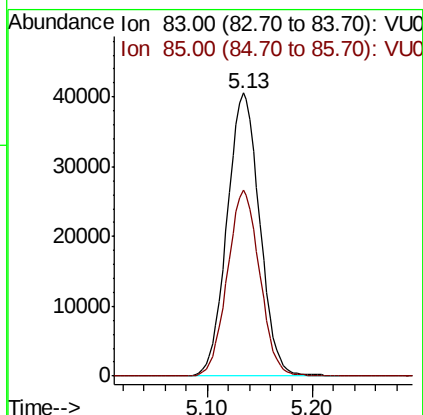
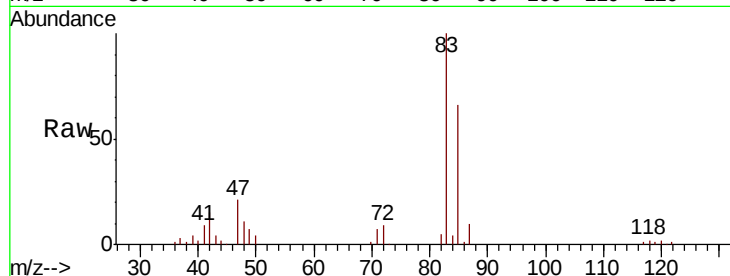




#27
Chloroform
Concen: 4.563 ug/l
RT: 5.13 min Scan# 1180
Delta R.T. -0.00 min
Lab File: VU036527.D
Acq: 22 Jan 2020 15:46

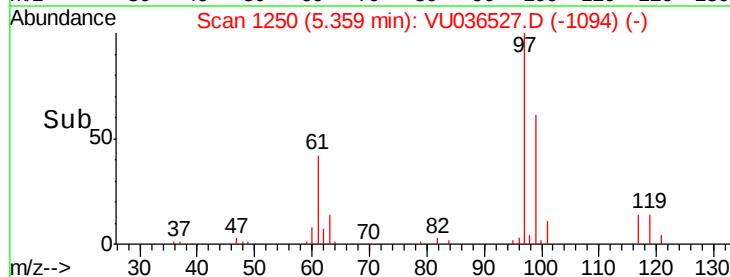
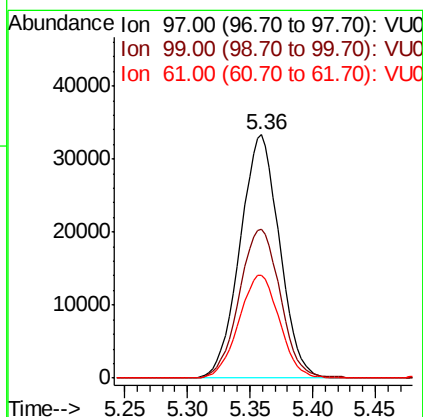
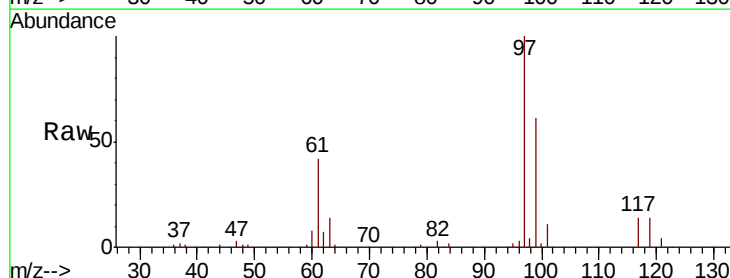
Instrument :
MSVOA_U
ClientSampleId :

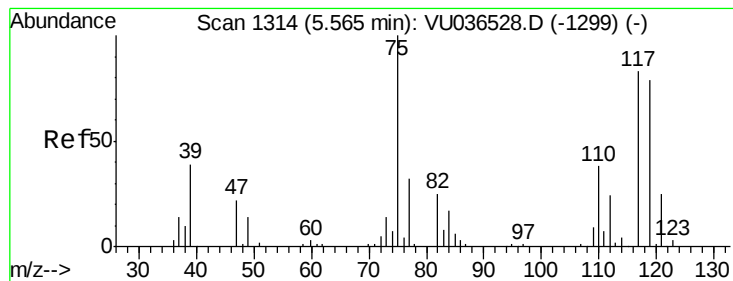
Tot Ion: 83 Resp: 86917
Ion Ratio Lower Upper
83 100
85 65.6 0.0 129.0



#28
1,1,1-Trichloroethane
Concen: 4.323 ug/l
RT: 5.36 min Scan# 1250
Delta R.T. 0.00 min
Lab File: VU036527.D
Acq: 22 Jan 2020 15:46

Tgt Ion: 97 Resp: 72900
Ion Ratio Lower Upper
97 100
99 63.7 32.1 96.3
61 43.6 22.7 68.0





#29

1,1-Dichloropropene

Concen: 4.616 ug/l

RT: 5.56 min Scan# 1314

Delta R.T. -0.00 min

Lab File: VU036527.D

Acq: 22 Jan 2020 15:46

Instrument :
MSVOA_U
ClientSampleId :

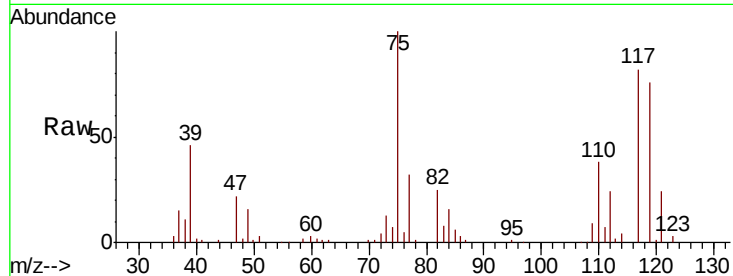
Tot Ion: 75 Resp: 71119

Ion Ratio Lower Upper

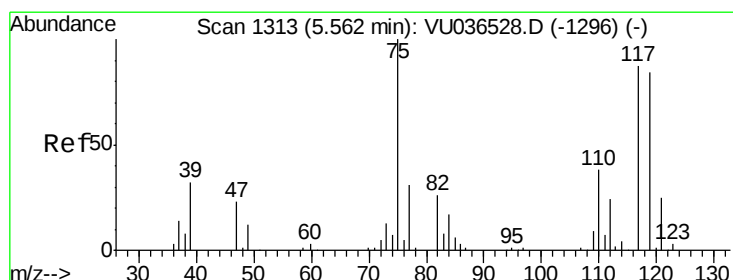
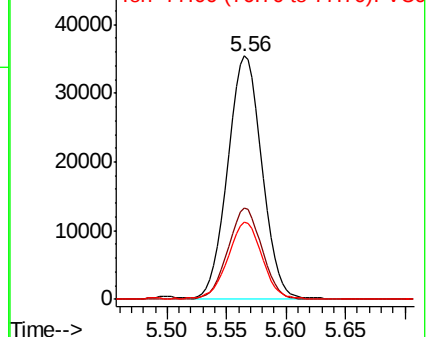
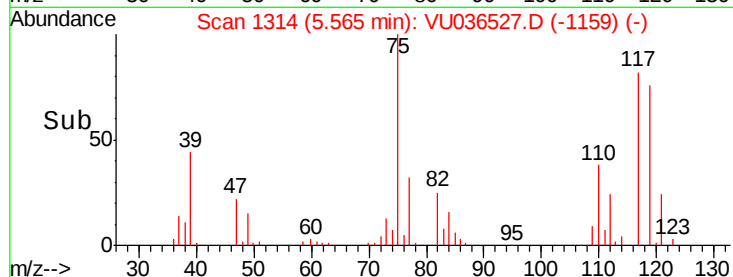
75 100

110 36.9 18.6 55.8

77 31.8 25.0 37.4



Abundance Ion 75.00 (74.70 to 75.70): VU036527.D (-1159) (-)



#30

Carbon Tetrachloride

Concen: 4.401 ug/l

RT: 5.56 min Scan# 1313

Delta R.T. -0.00 min

Lab File: VU036527.D

Acq: 22 Jan 2020 15:46

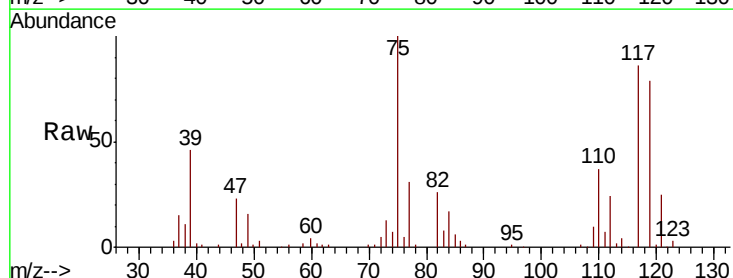
Tgt Ion: 117 Resp: 62418

Ion Ratio Lower Upper

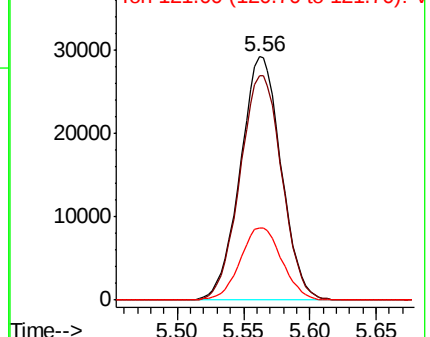
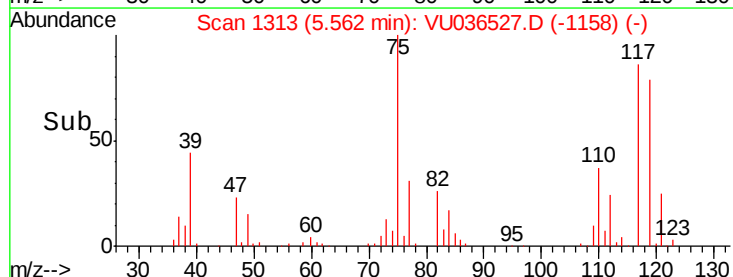
117 100

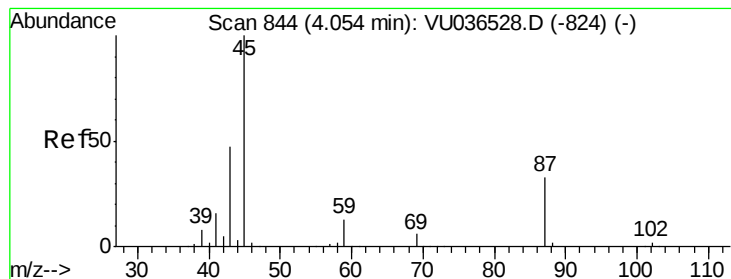
119 92.2 77.0 115.6

121 29.7 23.3 34.9



Abundance Ion 117.00 (116.70 to 117.70): VU036527.D (-1158) (-)





#31

Isopropyl Ether

Concen: 4.110 ug/l

RT: 4.06 min Scan# 845

Delta R.T. 0.00 min

Lab File: VU036527.D

Acq: 22 Jan 2020 15:46

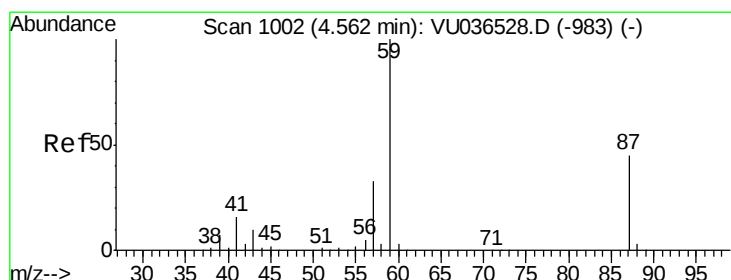
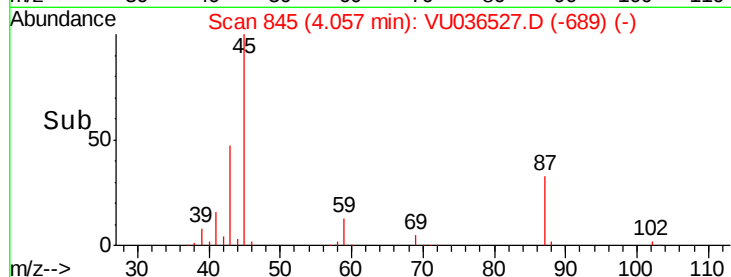
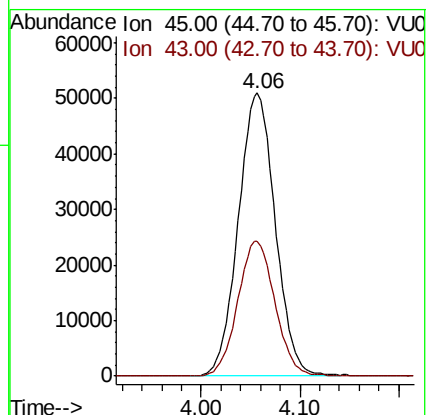
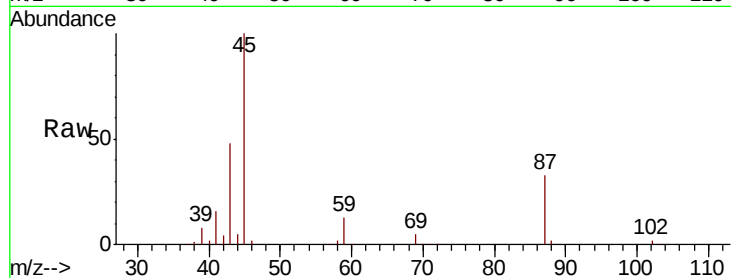
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 45 Resp: 132313

Ion Ratio Lower Upper

45 100

43 48.2 24.0 72.0



#32

Ethyl-t-butyl ether

Concen: 4.391 ug/l

RT: 4.56 min Scan# 1002

Delta R.T. -0.00 min

Lab File: VU036527.D

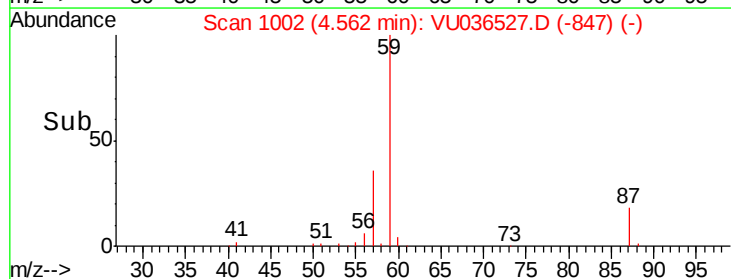
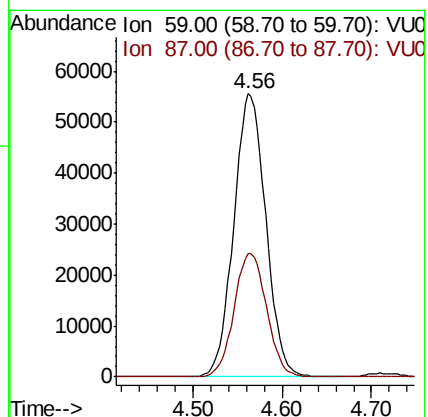
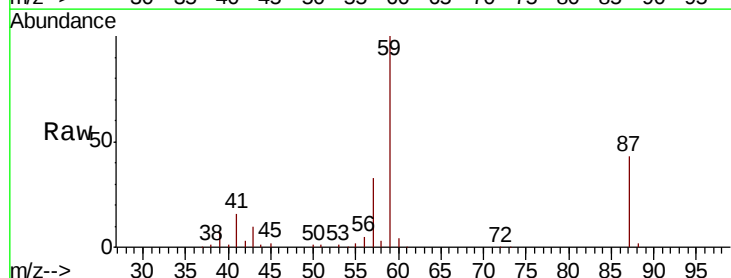
Acq: 22 Jan 2020 15:46

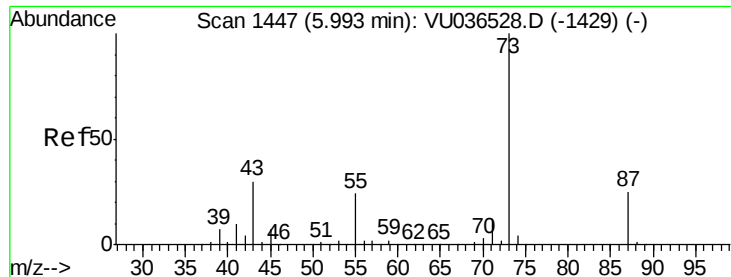
Tgt Ion: 59 Resp: 138266

Ion Ratio Lower Upper

59 100

87 44.4 35.1 52.7

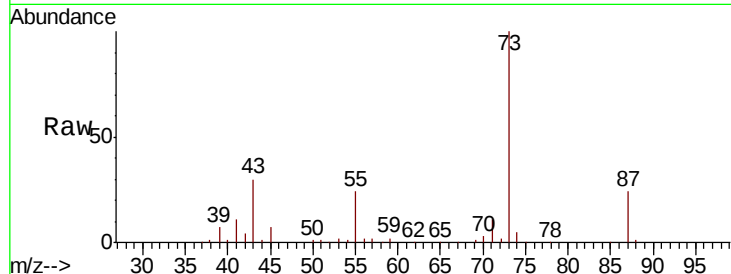




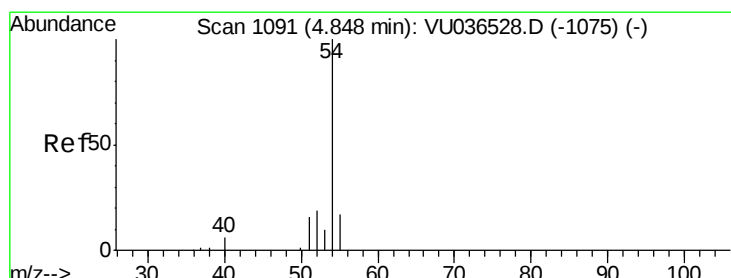
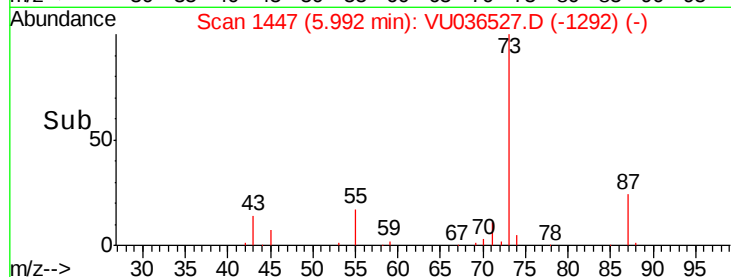
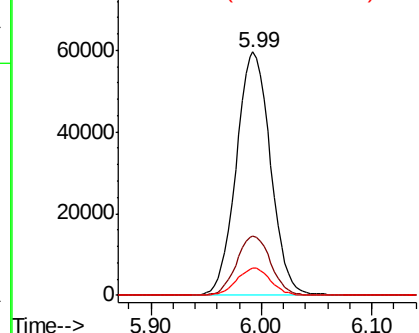
#33
Tert-Butyl methyl ether
Concen: 4.452 ug/l
RT: 5.99 min Scan# 1447
Delta R.T. -0.00 min
Lab File: VU036527.D
Acq: 22 Jan 2020 15:46

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 73 Resp: 127412
Ion Ratio Lower Upper
73 100
87 24.4 19.8 29.6
71 11.1 9.1 13.7

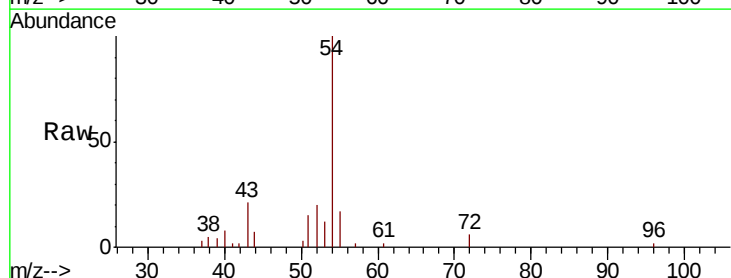


Abundance Ion 73.00 (72.70 to 73.70): VU0
Ion 87.00 (86.70 to 87.70): VU0
Ion 71.00 (70.70 to 71.70): VU0

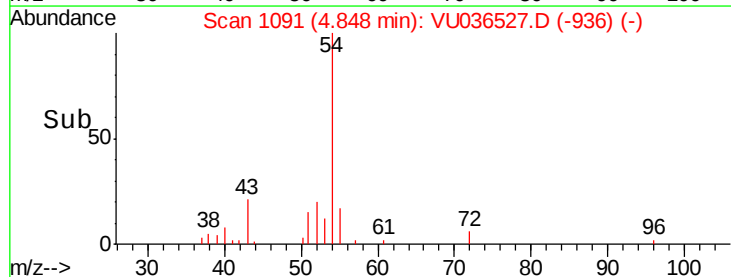
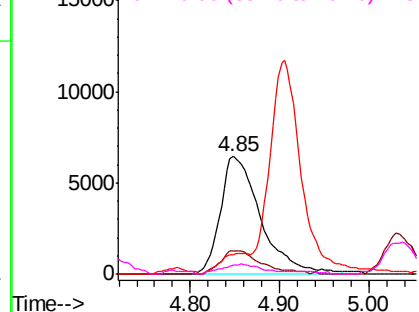


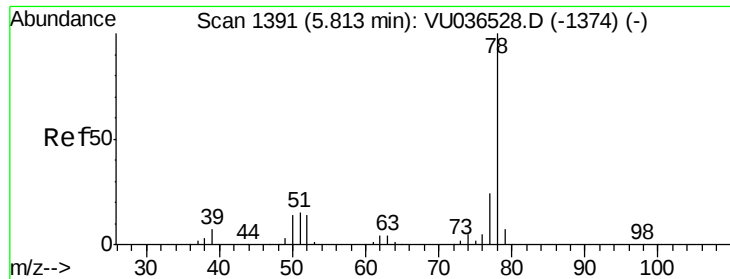
#34
Propionitrile
Concen: 23.330 ug/l
RT: 4.85 min Scan# 1091
Delta R.T. -0.00 min
Lab File: VU036527.D
Acq: 22 Jan 2020 15:46

Tgt Ion: 54 Resp: 20181
Ion Ratio Lower Upper
54 100
52 20.0 15.2 22.8
55 12.8 9.5 14.3
40 8.1 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: 4.743 ug/l

RT: 5.81 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VU036527.D

Acq: 22 Jan 2020 15:46

Instrument :

MSVOA_U

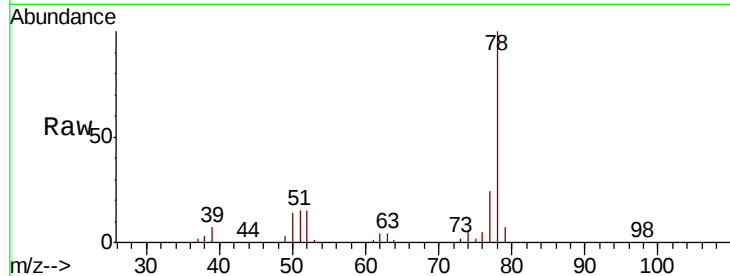
ClientSampled :

Tot Ion: 78 Resp: 204368

Ion Ratio Lower Upper

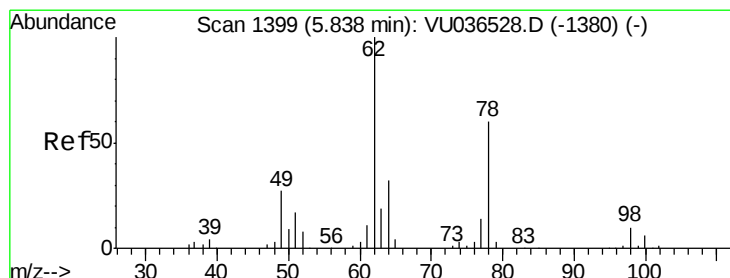
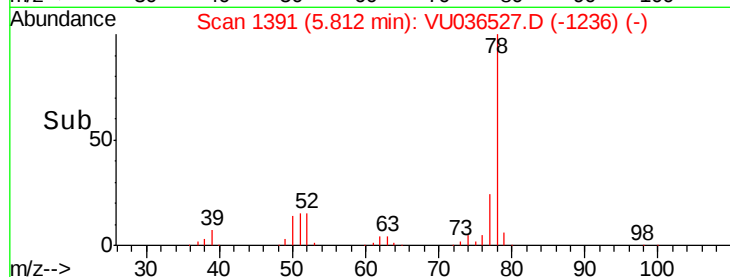
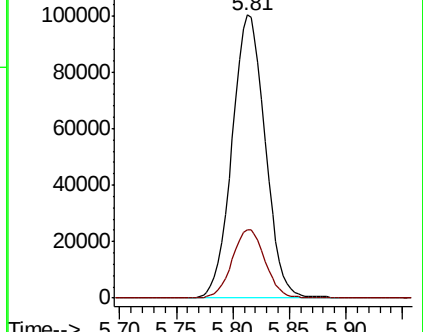
78 100

77 24.3 19.4 29.0



Abundance Ion 78.10 (77.80 to 78.80): VU036527.D (-1236) (-)

Ion 77.00 (76.70 to 77.70): VU036527.D (-1236) (-)



#36

1,2-Dichloroethane

Concen: 3.969 ug/l

RT: 5.84 min Scan# 1399

Delta R.T. -0.00 min

Lab File: VU036527.D

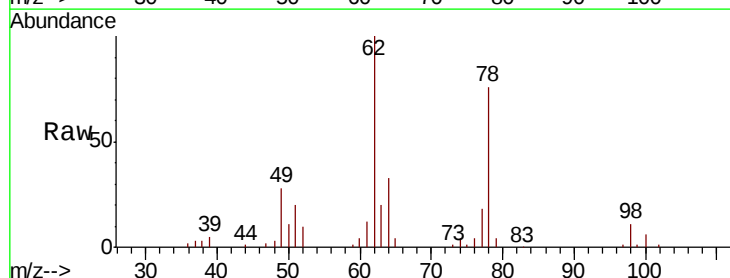
Acq: 22 Jan 2020 15:46

Tgt Ion: 62 Resp: 54764

Ion Ratio Lower Upper

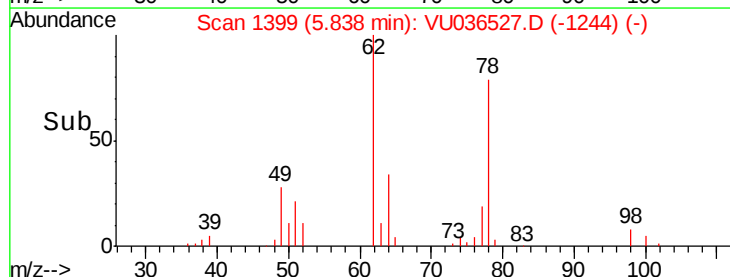
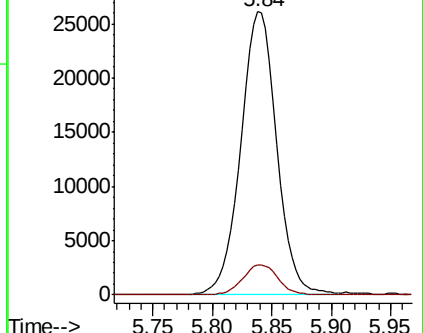
62 100

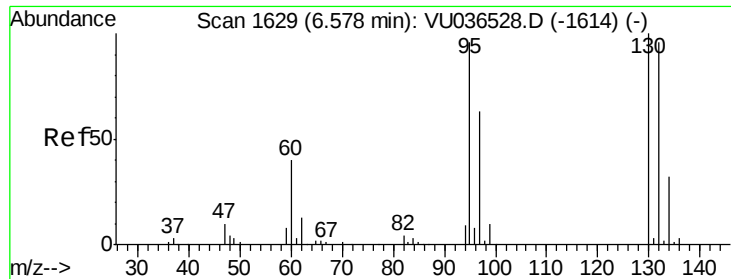
98 10.3 7.8 11.8



Abundance Ion 62.00 (61.70 to 62.70): VU036527.D (-1244) (-)

Ion 98.00 (97.70 to 98.70): VU036527.D (-1244) (-)

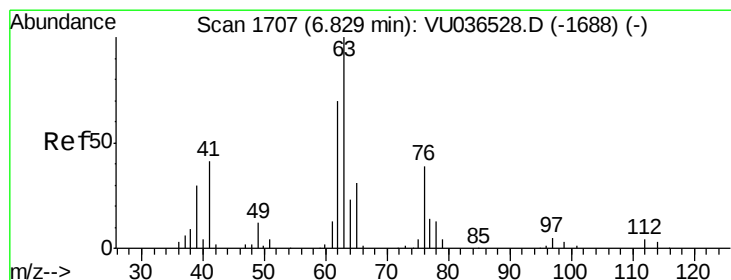
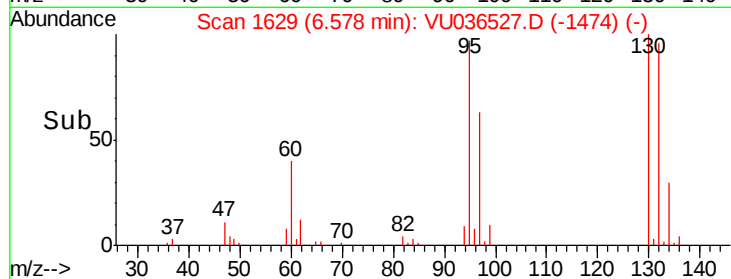
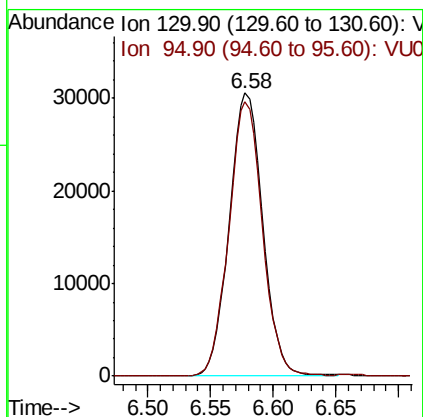
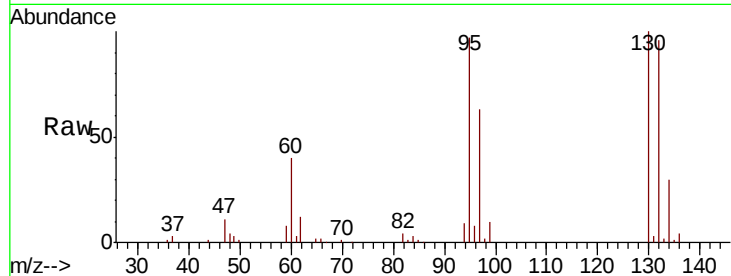




#37
 Trichloroethene
 Concen: 5.434 ug/l
 RT: 6.58 min Scan# 1629
 Delta R.T. -0.00 min
 Lab File: VU036527.D
 Acq: 22 Jan 2020 15:46

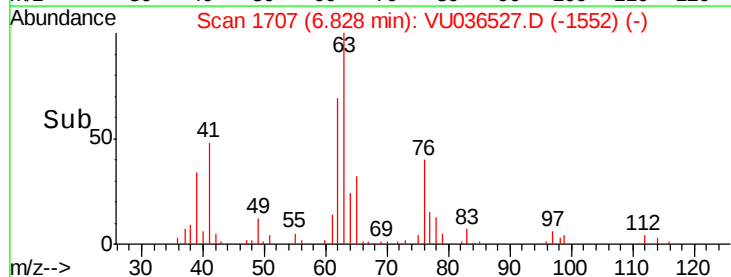
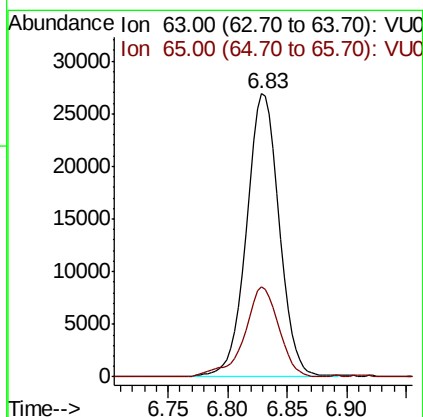
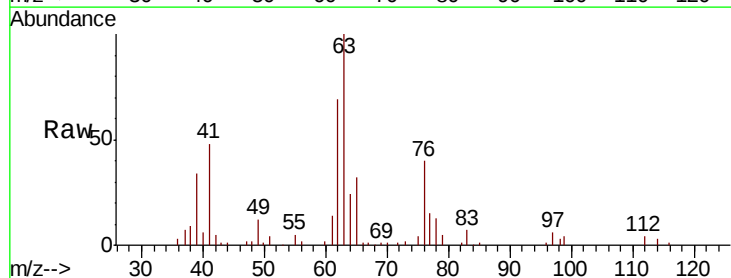
Instrument :
 MSVOA_U
 ClientSampleId :

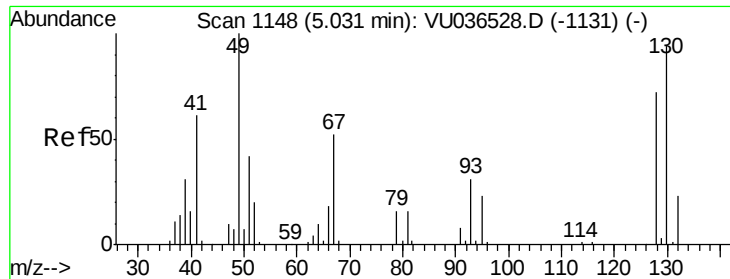
Tot Ion:130 Resp: 56850
 Ion Ratio Lower Upper
 130 100
 95 97.0 77.0 115.4



#38
 1,2-Dichloropropane
 Concen: 4.541 ug/l
 RT: 6.83 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: VU036527.D
 Acq: 22 Jan 2020 15:46

Tgt Ion: 63 Resp: 51374
 Ion Ratio Lower Upper
 63 100
 65 31.8 24.7 37.1

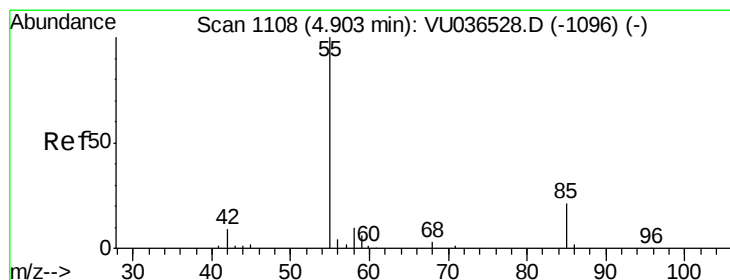
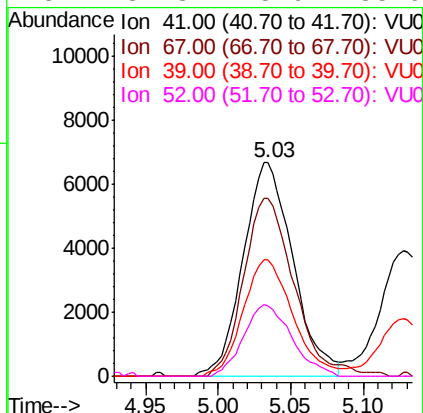
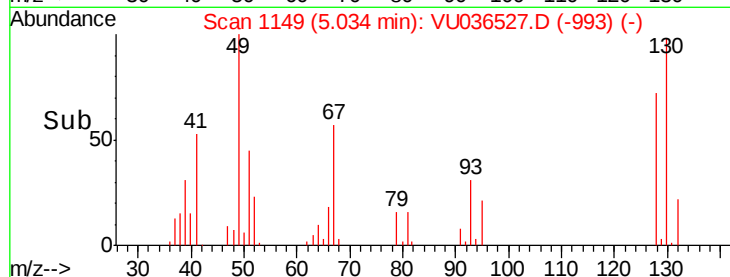
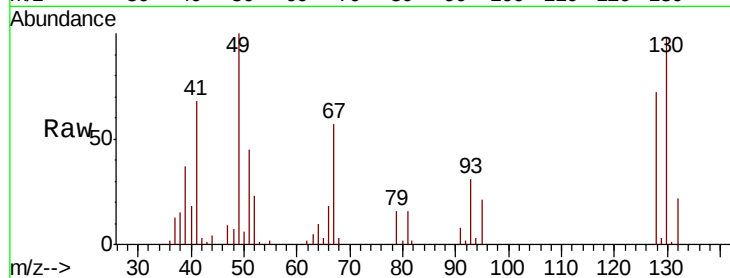




#39
Methacrylonitrile
Concen: 3.897 ug/l
RT: 5.03 min Scan# 1149
Delta R.T. 0.00 min
Lab File: VU036527.D
Acq: 22 Jan 2020 15:46

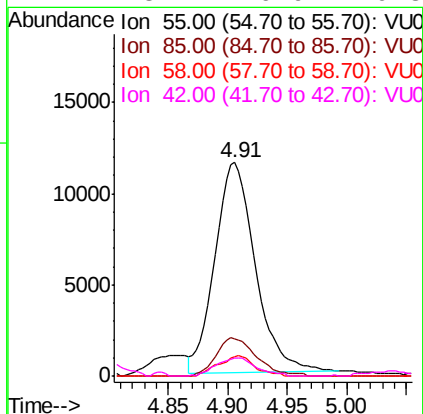
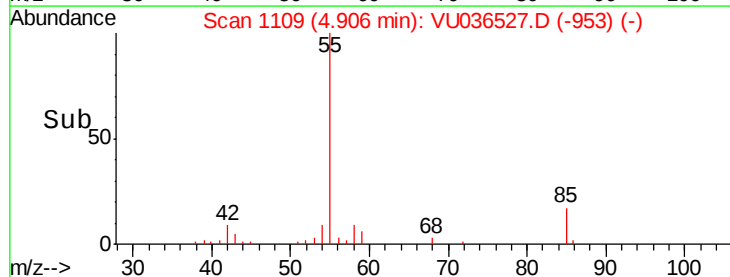
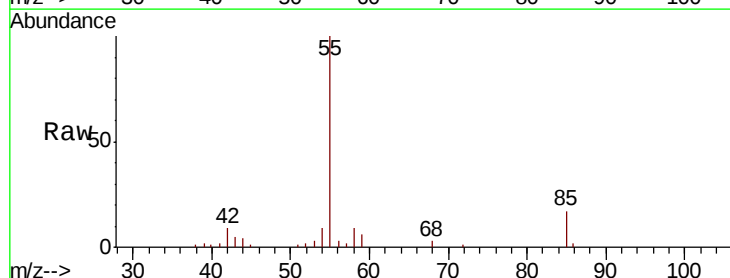
Instrument :
MSVOA_U
ClientSampled :

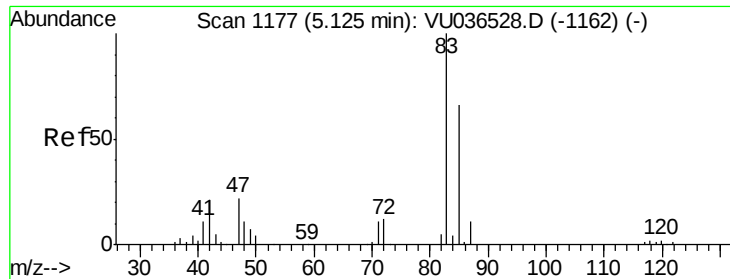
Tot Ion:	41	Resp:	15972
Ion	Ratio	Lower	Upper
41	100		
67	84.3	69.6	104.4
39	54.3	41.6	62.4
52	32.3	25.9	38.9



#40
Methyl acrylate
Concen: 4.495 ug/l
RT: 4.91 min Scan# 1109
Delta R.T. 0.00 min
Lab File: VU036527.D
Acq: 22 Jan 2020 15:46

Tgt Ion:	55	Resp:	27334
Ion	Ratio	Lower	Upper
55	100		
85	17.8	14.7	22.1
58	8.5	7.1	10.7
42	8.4	6.9	10.3

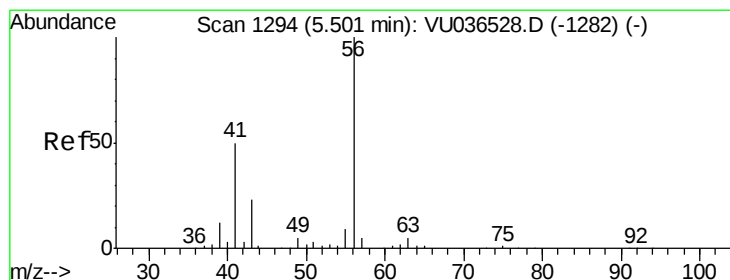
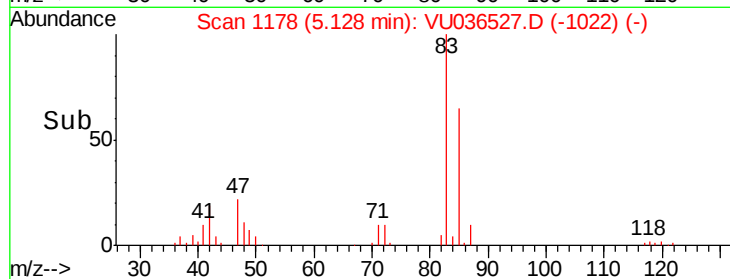
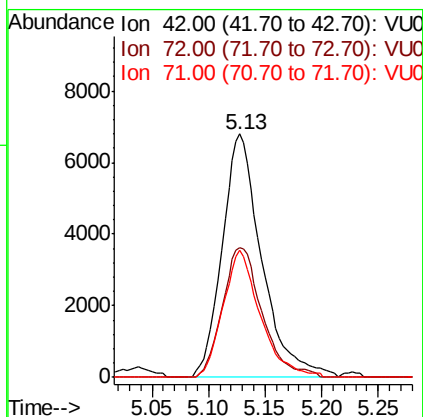
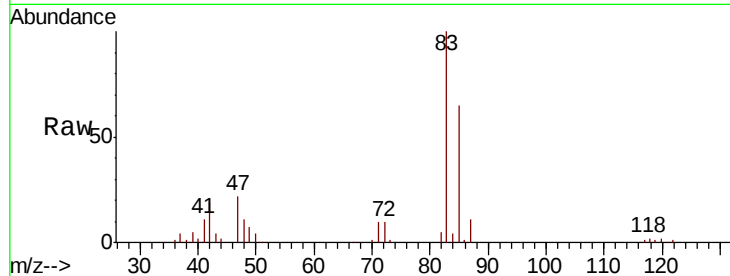




#41
Tetrahydrofuran
Concen: 7.785 ug/l
RT: 5.13 min Scan# 1178
Delta R.T. 0.00 min
Lab File: VU036527.D
Acq: 22 Jan 2020 15:46

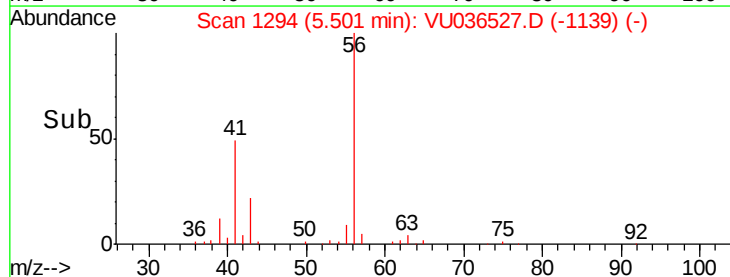
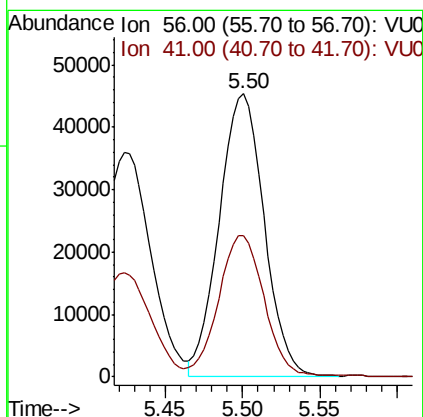
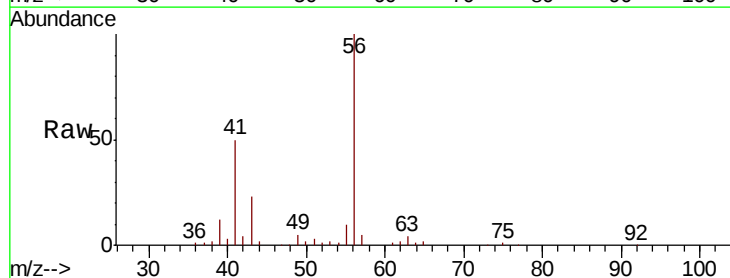
Instrument :
MSVOA_U
ClientSampled :

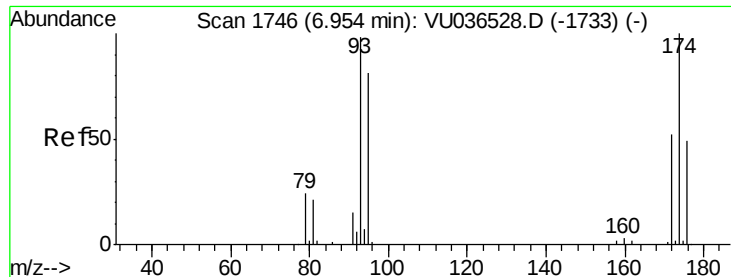
Tot Ion	Ratio	Lower	Upper
42	100		
72	53.4	42.5	63.7
71	49.2	37.3	55.9



#42
1-Chlorobutane
Concen: 4.078 ug/l
RT: 5.50 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VU036527.D
Acq: 22 Jan 2020 15:46

Tgt Ion	Ratio	Lower	Upper
56	100		
41	49.9	24.8	74.3

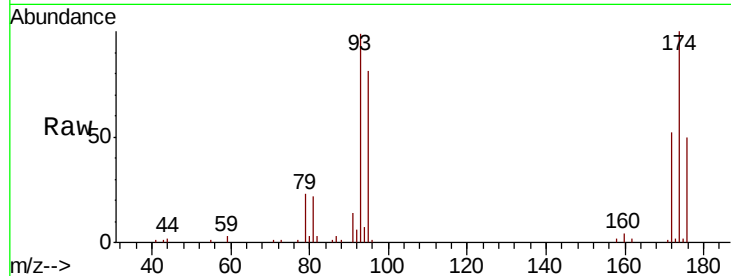




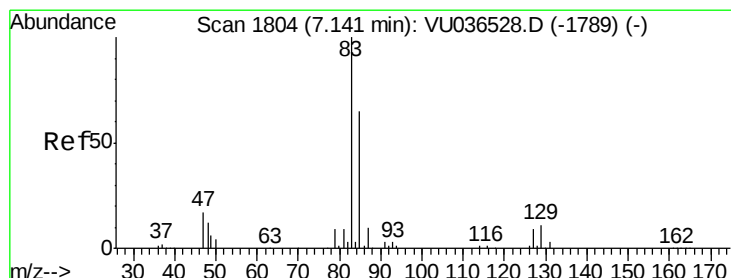
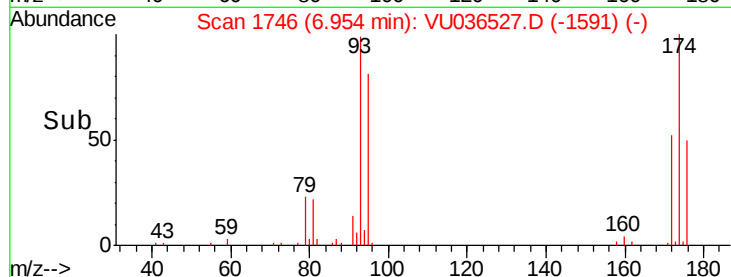
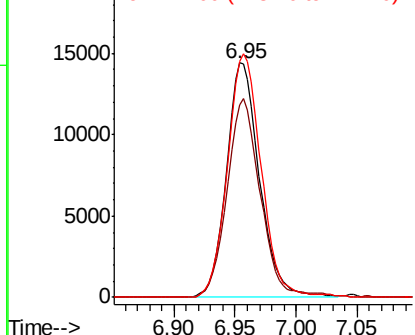
#43
Dibromomethane
Concen: 4.705 ug/l
RT: 6.95 min Scan# 1746
Delta R.T. -0.00 min
Lab File: VU036527.D
Acq: 22 Jan 2020 15:46

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 93 Resp: 27339
Ion Ratio Lower Upper
93 100
95 85.3 67.9 101.9
174 105.0 83.4 125.0

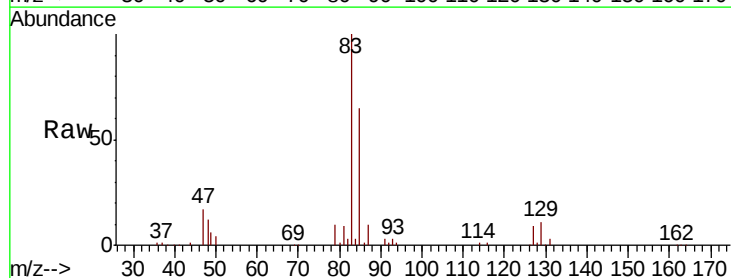


Abundance Ion 93.00 (92.70 to 93.70): VU0
Ion 95.00 (94.70 to 95.70): VU0
Ion 174.00 (173.70 to 174.70): V

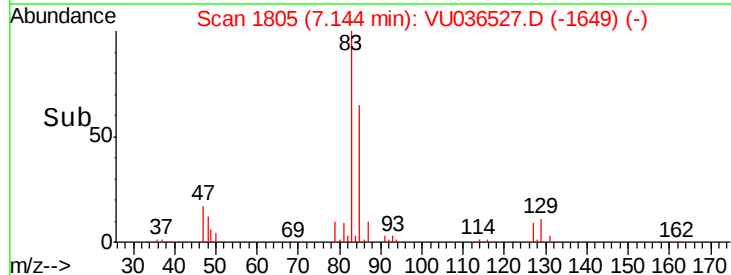
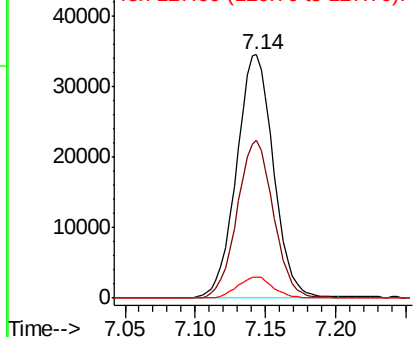


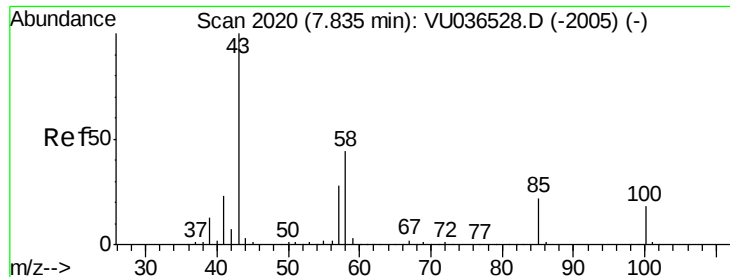
#44
Bromodichloromethane
Concen: 4.231 ug/l
RT: 7.14 min Scan# 1805
Delta R.T. 0.00 min
Lab File: VU036527.D
Acq: 22 Jan 2020 15:46

Tgt Ion: 83 Resp: 63282
Ion Ratio Lower Upper
83 100
85 64.6 51.8 77.6
127 8.8 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

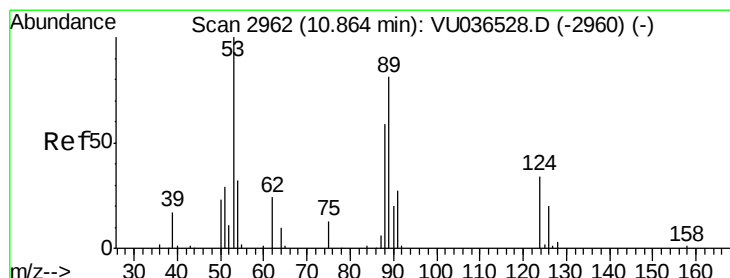
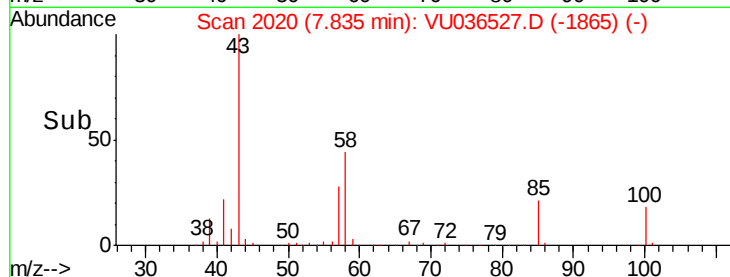
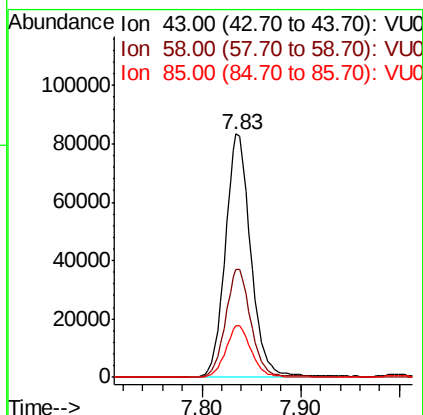
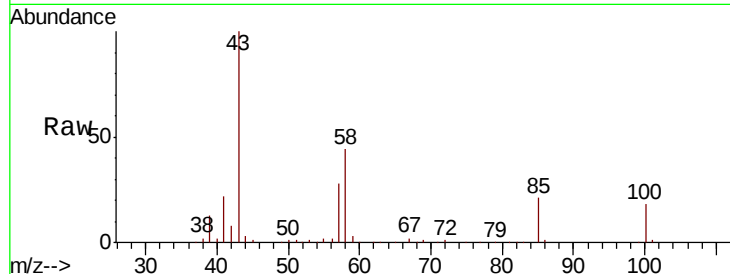




#45
4-Methyl-2-Pentanone
Concen: 18.817 ug/l
RT: 7.83 min Scan# 2020
Delta R.T. -0.00 min
Lab File: VU036527.D
Acq: 22 Jan 2020 15:46

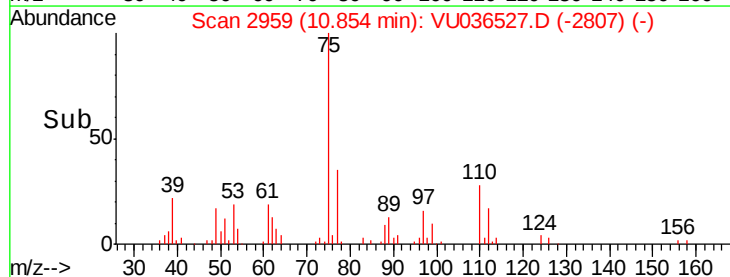
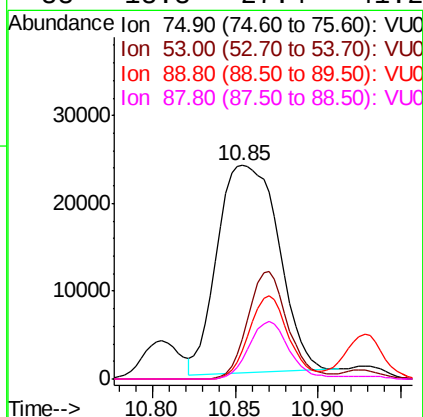
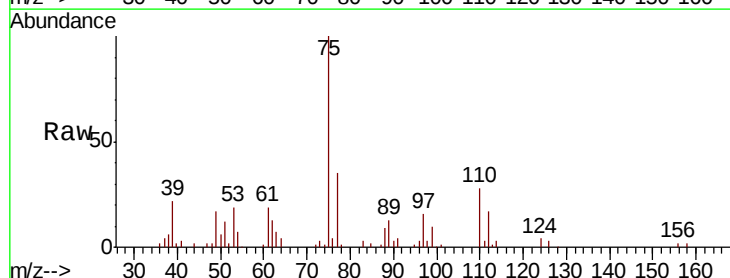
Instrument :
MSVOA_U
ClientSampleId :

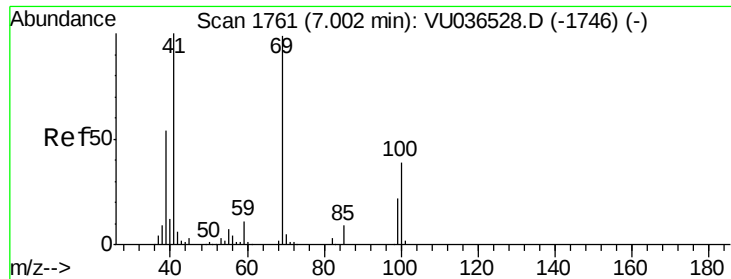
Tot Ion: 43 Resp: 151217
Ion Ratio Lower Upper
43 100
58 44.4 22.1 66.1
85 21.3 17.4 26.0



#46
t-1,4-Dichloro-2-butene
Concen: 18.668 ug/l
RT: 10.85 min Scan# 2959
Delta R.T. -0.01 min
Lab File: VU036527.D
Acq: 22 Jan 2020 15:46

Tgt Ion: 75 Resp: 60890
Ion Ratio Lower Upper
75 100
53 33.8 52.2 78.2#
89 25.7 39.8 59.6#
88 18.3 27.4 41.2#





#47

Methyl methacrylate

Concen: 9.476 ug/l

RT: 7.00 min Scan# 1761

Delta R.T. -0.00 min

Lab File: VU036527.D

Acq: 22 Jan 2020 15:46

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 69 Resp: 52511

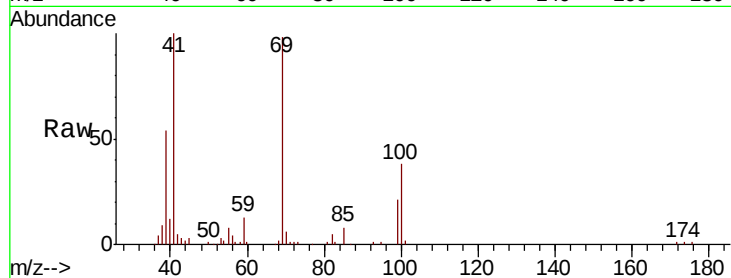
Ion Ratio Lower Upper

69 100

41 98.2 0.0 200.8

39 54.7 43.5 65.3

100 38.6 31.1 46.7

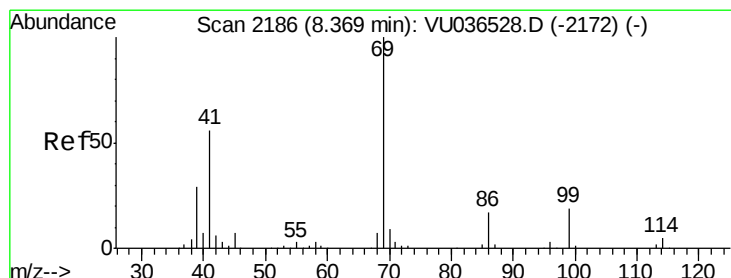
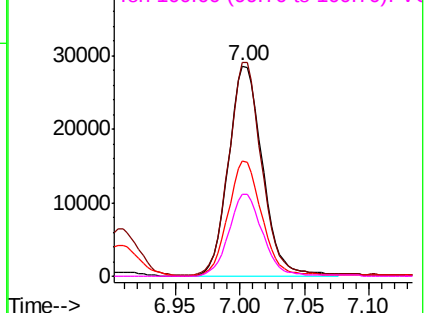
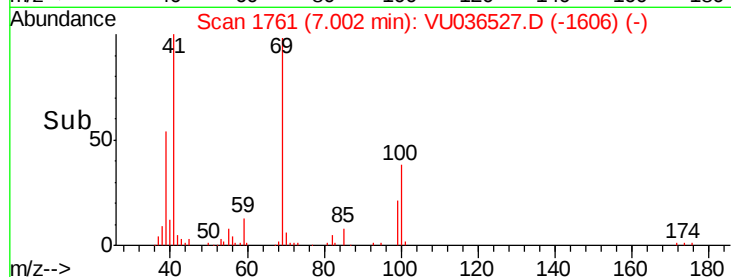


Abundance Ion 69.00 (68.70 to 69.70): VU036527.D (-1606) (-)

Ion 41.00 (40.70 to 41.70): VU036527.D (-1606) (-)

Ion 39.00 (38.70 to 39.70): VU036527.D (-1606) (-)

Ion 100.00 (99.70 to 100.70): VU036527.D (-1606) (-)



#48

Ethyl methacrylate

Concen: 4.704 ug/l

RT: 8.37 min Scan# 2186

Delta R.T. -0.00 min

Lab File: VU036527.D

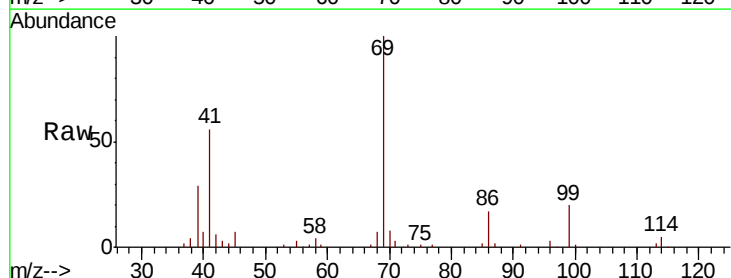
Acq: 22 Jan 2020 15:46

Tgt Ion: 69 Resp: 51522

Ion Ratio Lower Upper

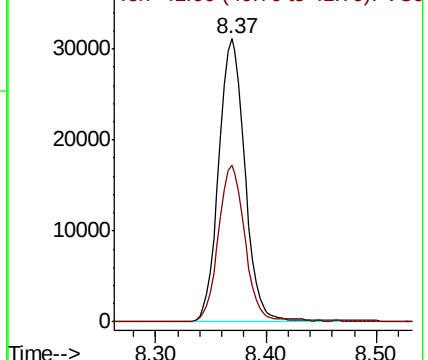
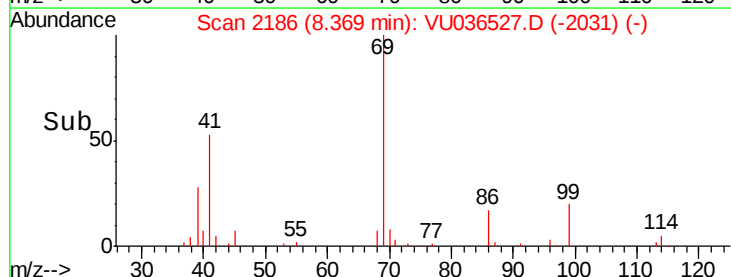
69 100

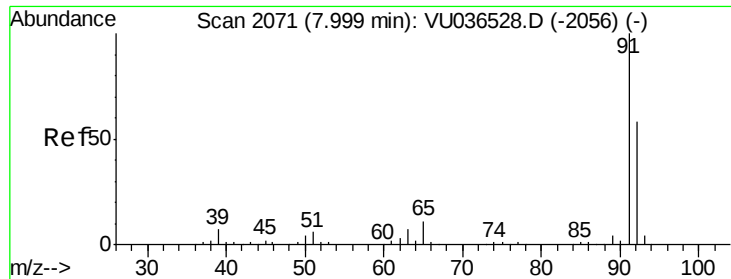
41 55.8 27.9 83.6



Abundance Ion 69.00 (68.70 to 69.70): VU036527.D (-2031) (-)

Ion 41.00 (40.70 to 41.70): VU036527.D (-2031) (-)





#49

Toluene

Concen: 4.901 ug/l

RT: 8.00 min Scan# 2071

Delta R.T. -0.00 min

Lab File: VU036527.D

Acq: 22 Jan 2020 15:46

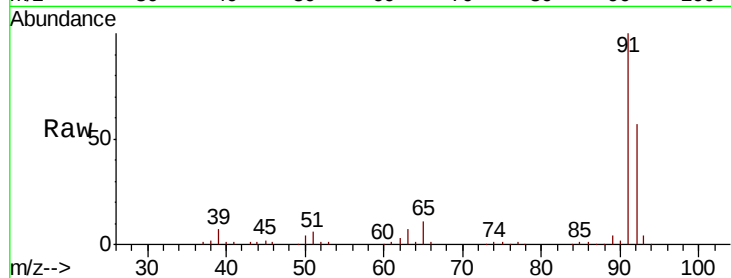
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 92 Resp: 130966

Ion Ratio Lower Upper

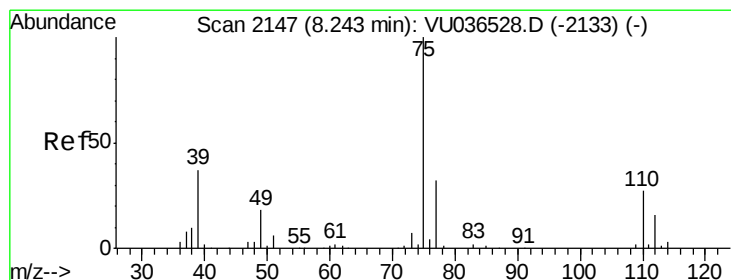
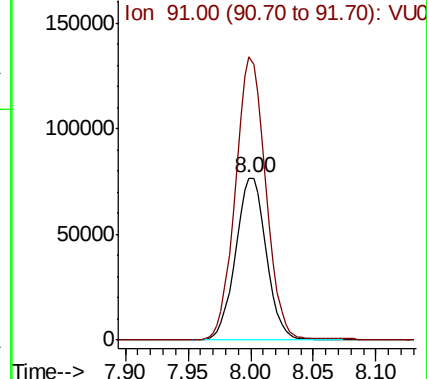
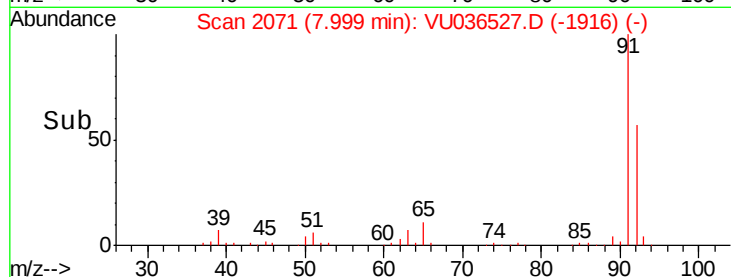
92 100

91 172.8 139.1 208.7



Abundance Ion 92.00 (91.70 to 92.70): VU036527.D (-1916) (-)

Ion 91.00 (90.70 to 91.70): VU036527.D (-1916) (-)



#50

t-1,3-Dichloropropene

Concen: 4.426 ug/l

RT: 8.24 min Scan# 2147

Delta R.T. -0.00 min

Lab File: VU036527.D

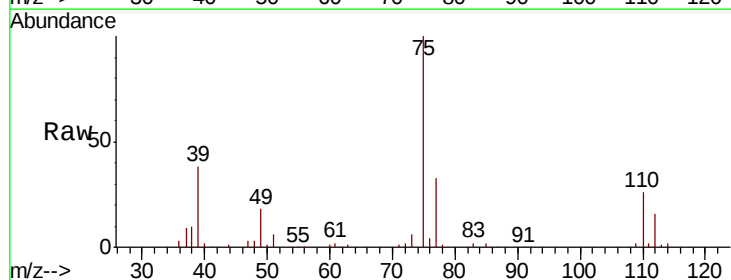
Acq: 22 Jan 2020 15:46

Tgt Ion: 75 Resp: 64968

Ion Ratio Lower Upper

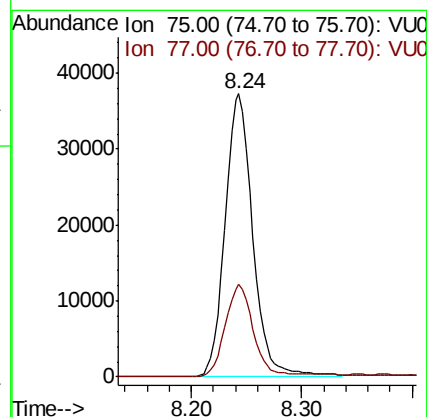
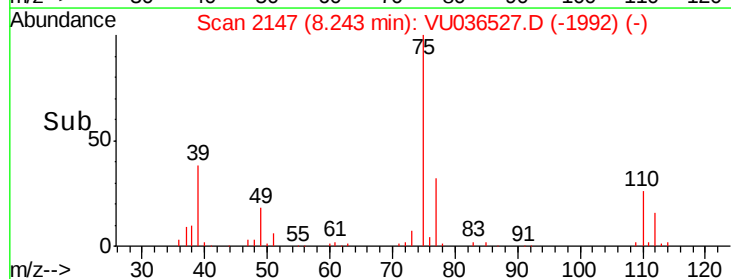
75 100

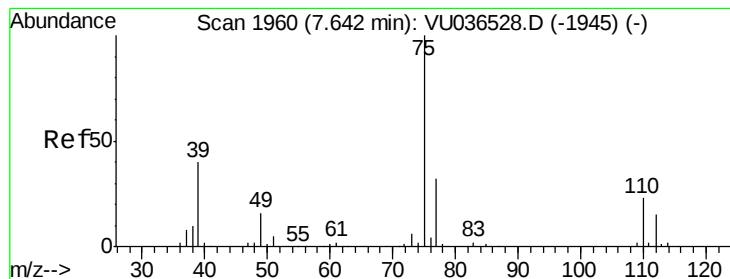
77 32.3 25.4 38.2



Abundance Ion 75.00 (74.70 to 75.70): VU036527.D (-1992) (-)

Ion 77.00 (76.70 to 77.70): VU036527.D (-1992) (-)



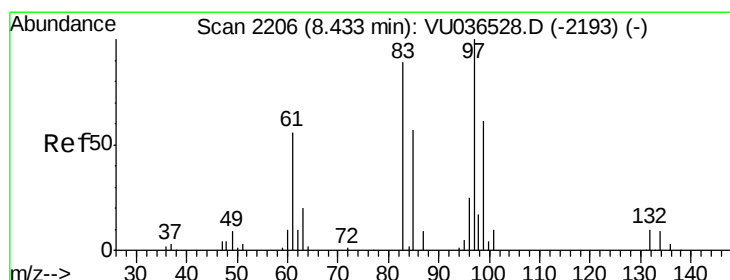
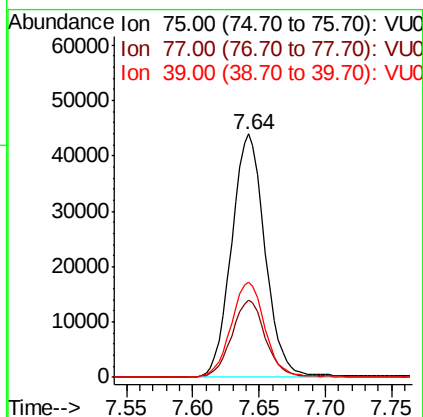
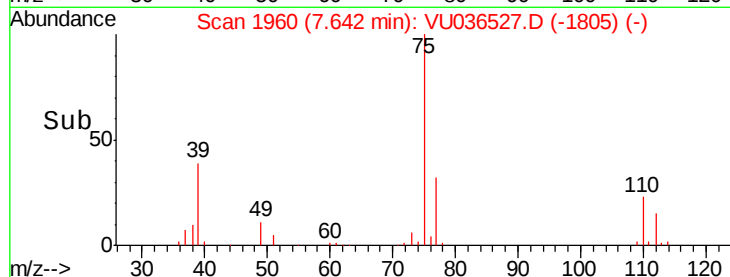
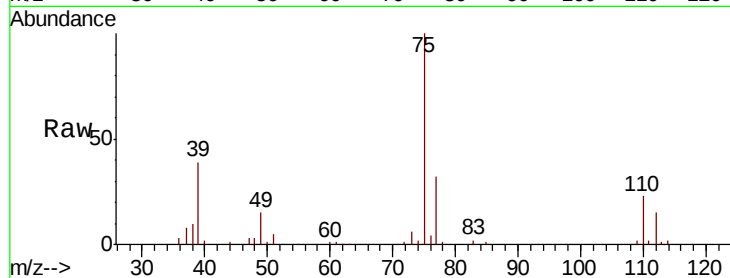


#51

cis-1,3-Dichloropropene
Concen: 4.561 ug/l
RT: 7.64 min Scan# 1960
Delta R.T. -0.00 min
Lab File: VU036527.D
Acq: 22 Jan 2020 15:46

Instrument :
MSVOA_U
ClientSampleId :

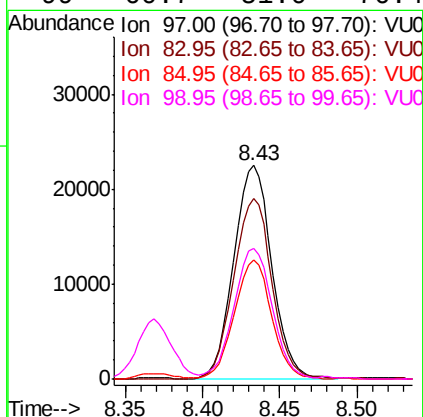
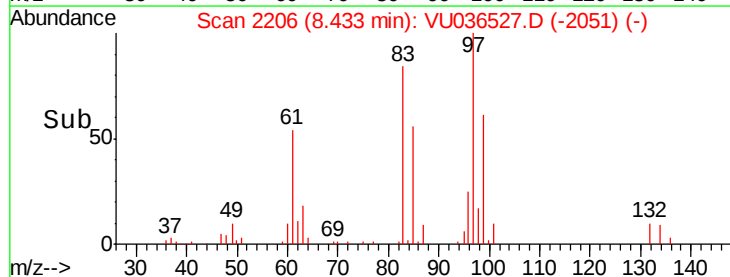
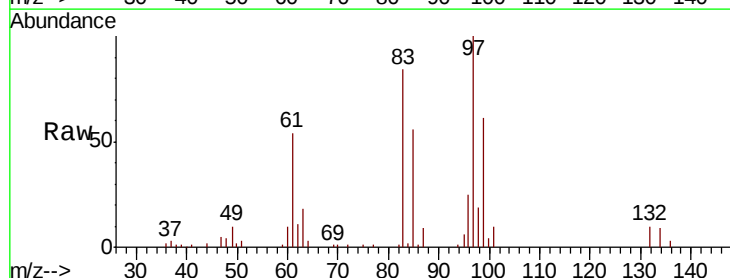
Tot Ion: 75 Resp: 77371
Ion Ratio Lower Upper
75 100
77 31.6 25.3 37.9
39 39.2 31.8 47.6

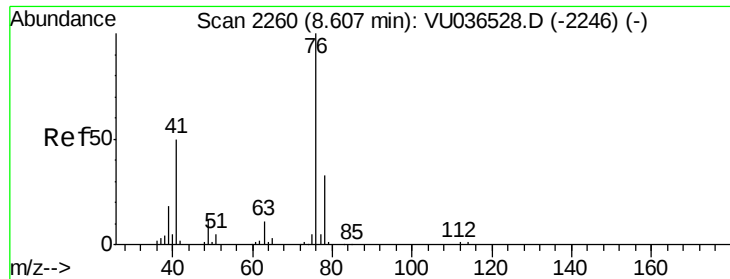


#52

1,1,2-Trichloroethane
Concen: 4.996 ug/l
RT: 8.43 min Scan# 2206
Delta R.T. -0.00 min
Lab File: VU036527.D
Acq: 22 Jan 2020 15:46

Tgt Ion: 97 Resp: 38493
Ion Ratio Lower Upper
97 100
83 84.3 70.9 106.3
85 55.0 45.6 68.4
99 60.7 51.0 76.4

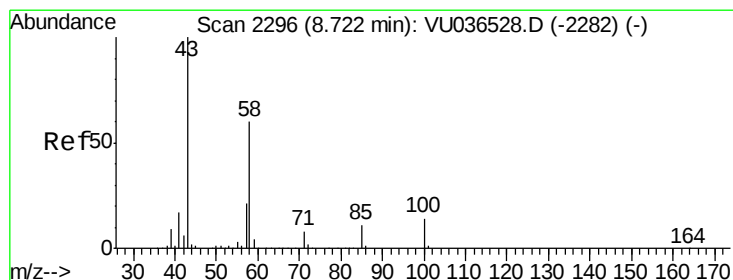
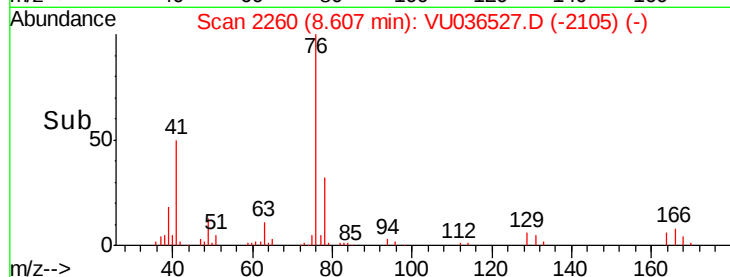
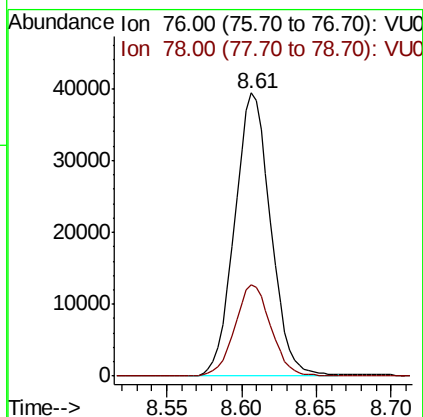
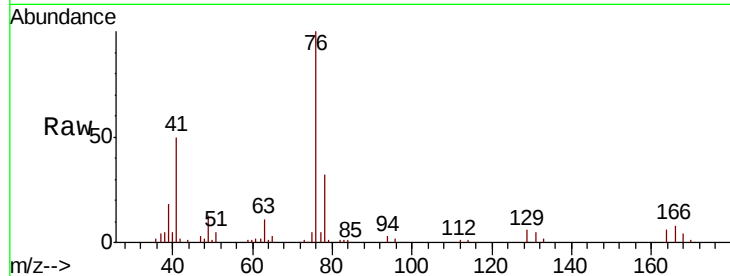




#53
 1,3-Dichloropropane
 Concen: 4.595 ug/l
 RT: 8.61 min Scan# 2260
 Delta R.T. -0.00 min
 Lab File: VU036527.D
 Acq: 22 Jan 2020 15:46

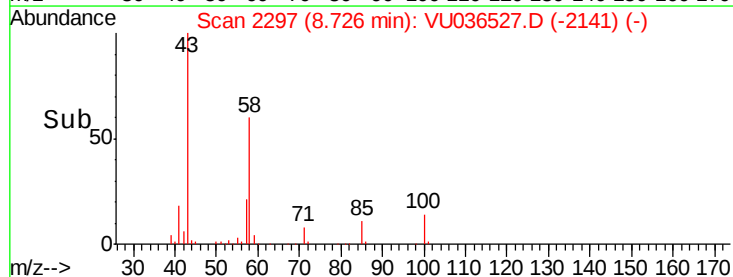
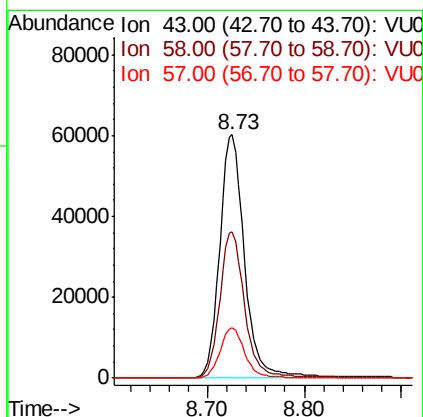
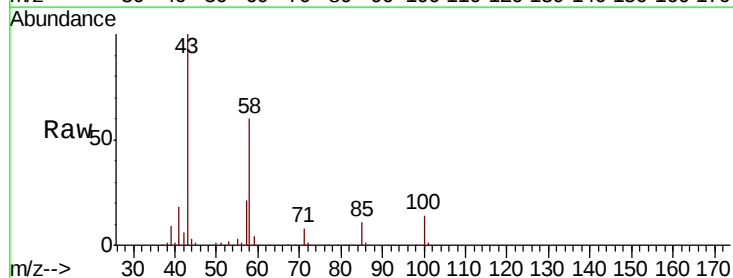
Instrument :
 MSVOA_U
 ClientSampleId :

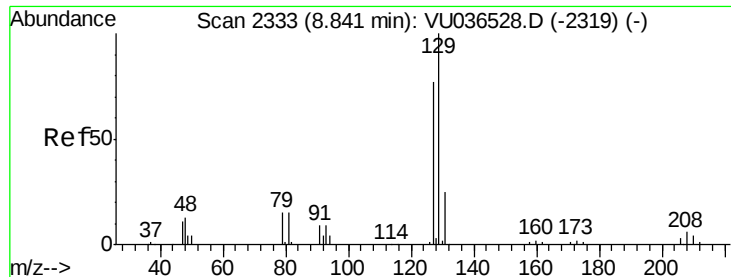
Tot Ion: 76 Resp: 66080
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.4 38.2



#54
 2-Hexanone
 Concen: 19.468 ug/l
 RT: 8.73 min Scan# 2297
 Delta R.T. 0.00 min
 Lab File: VU036527.D
 Acq: 22 Jan 2020 15:46

Tgt Ion: 43 Resp: 107710
 Ion Ratio Lower Upper
 43 100
 58 59.5 40.6 80.6
 57 20.7 1.2 41.2

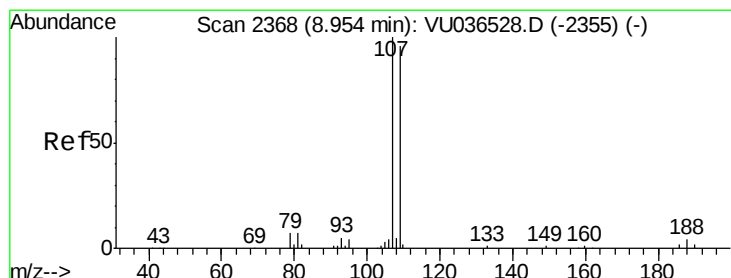
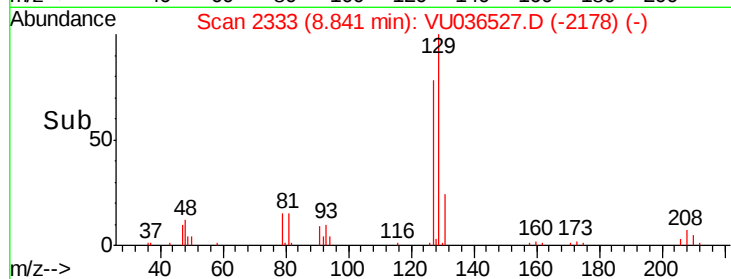
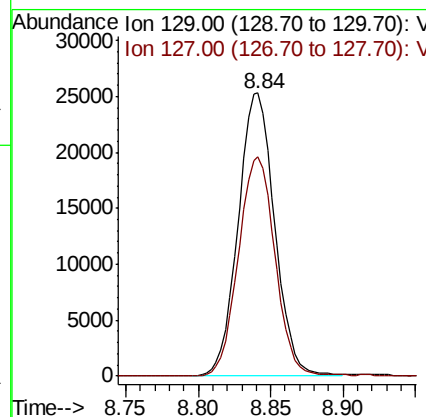
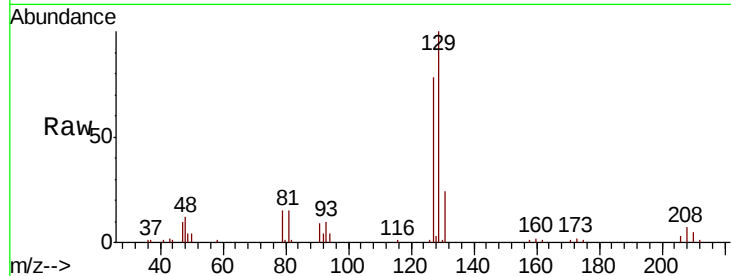




#55
 Dibromochloromethane
 Concen: 4.901 ug/l
 RT: 8.84 min Scan# 2333
 Delta R.T. -0.00 min
 Lab File: VU036527.D
 Acq: 22 Jan 2020 15:46

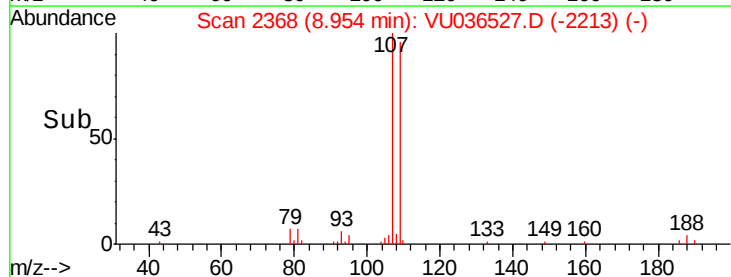
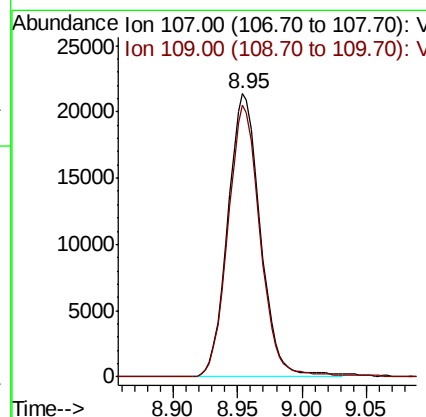
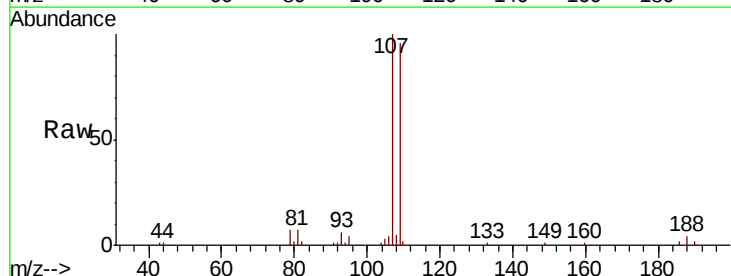
Instrument :
 MSVOA_U
 ClientSampleId :

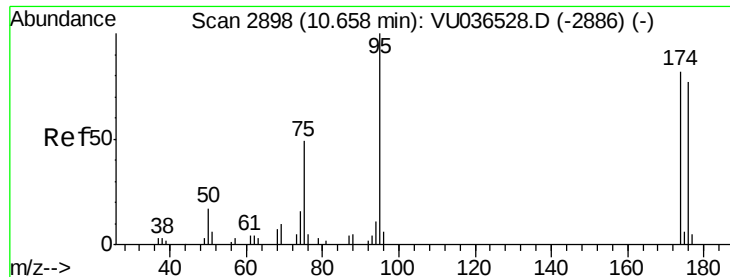
Tot Ion:129 Resp: 44222
 Ion Ratio Lower Upper
 129 100
 127 77.8 62.6 94.0



#56
 1,2-Dibromoethane
 Concen: 4.936 ug/l
 RT: 8.95 min Scan# 2368
 Delta R.T. -0.00 min
 Lab File: VU036527.D
 Acq: 22 Jan 2020 15:46

Tgt Ion:107 Resp: 37380
 Ion Ratio Lower Upper
 107 100
 109 95.2 0.0 190.8

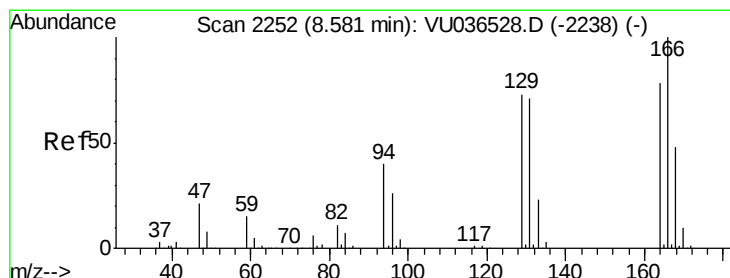
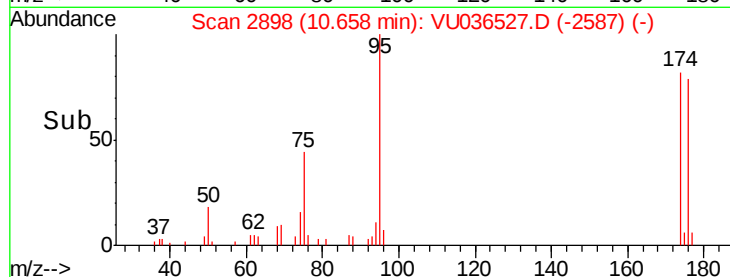
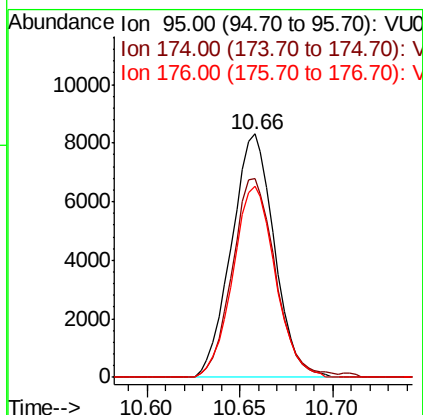
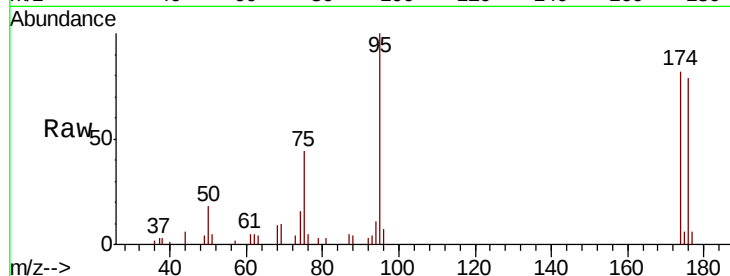




#57
4-Bromofluorobenzene
Concen: 0.923 ug/l
RT: 10.66 min Scan# 2898
Delta R.T. -0.00 min
Lab File: VU036527.D
Acq: 22 Jan 2020 15:46

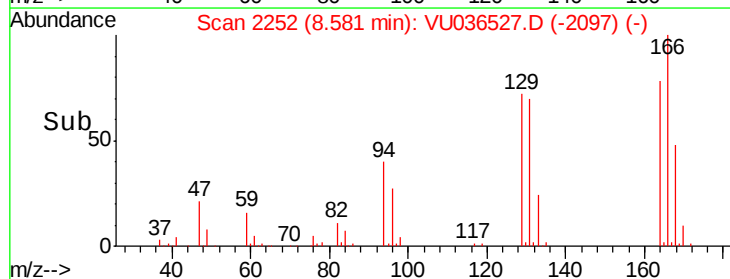
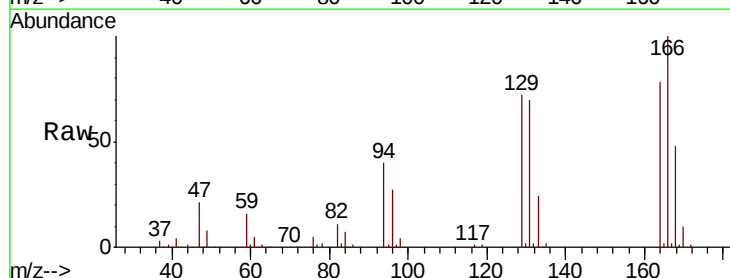
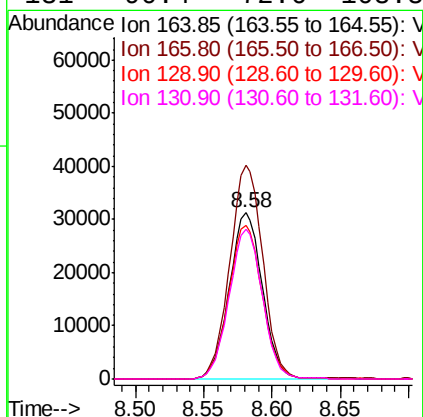
Instrument :
MSVOA_U
ClientSampled :

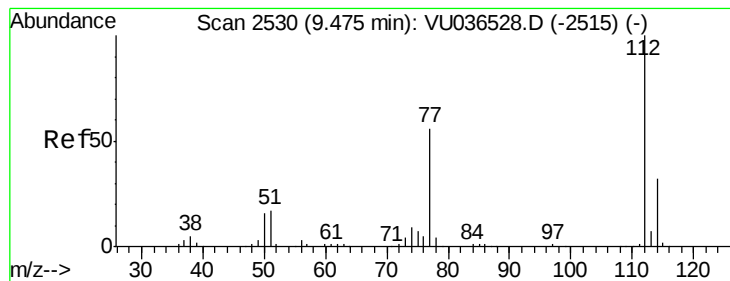
Tot Ion: 95 Resp: 13294
Ion Ratio Lower Upper
95 100
174 83.2 64.7 97.1
176 77.9 60.6 91.0



#58
Tetrachloroethene
Concen: 6.107 ug/l
RT: 8.58 min Scan# 2252
Delta R.T. -0.00 min
Lab File: VU036527.D
Acq: 22 Jan 2020 15:46

Tgt Ion: 164 Resp: 52775
Ion Ratio Lower Upper
164 100
166 128.5 102.0 153.0
129 92.8 74.9 112.3
131 90.4 72.6 108.8





#59

Chlorobenzene

Concen: 5.112 ug/l

RT: 9.47 min Scan# 2530

Delta R.T. -0.00 min

Lab File: VU036527.D

Acq: 22 Jan 2020 15:46

Instrument :

MSVOA_U

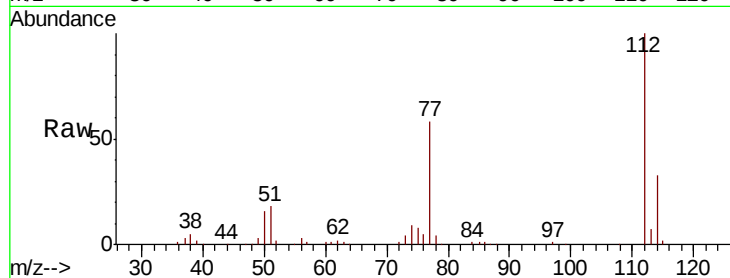
ClientSampleId :

Tot Ion:112 Resp: 144204

Ion Ratio Lower Upper

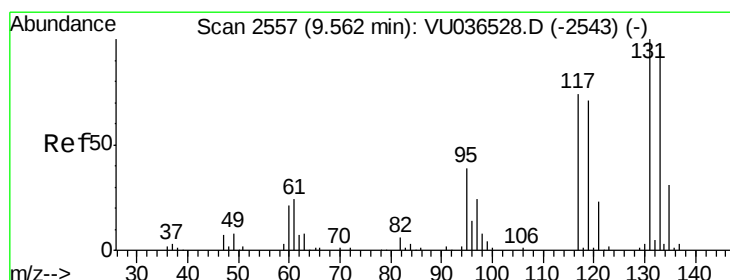
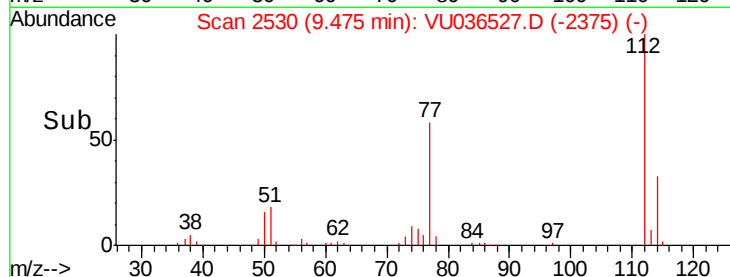
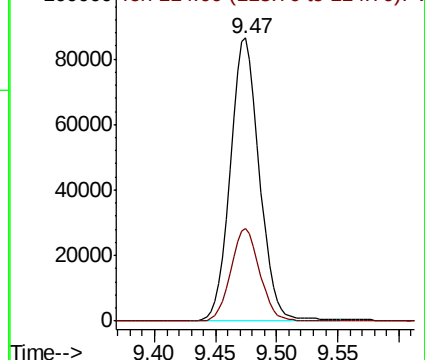
112 100

114 32.8 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: 4.985 ug/l

RT: 9.56 min Scan# 2557

Delta R.T. -0.00 min

Lab File: VU036527.D

Acq: 22 Jan 2020 15:46

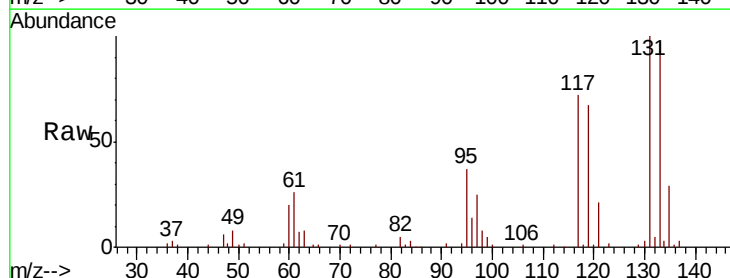
Tgt Ion:131 Resp: 47616

Ion Ratio Lower Upper

131 100

133 96.2 76.4 114.6

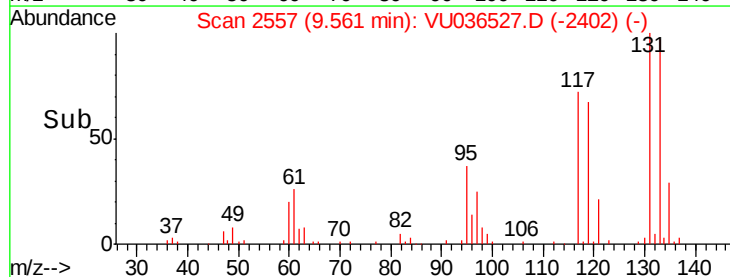
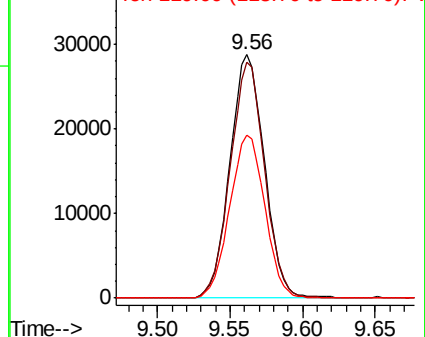
119 68.1 56.6 85.0

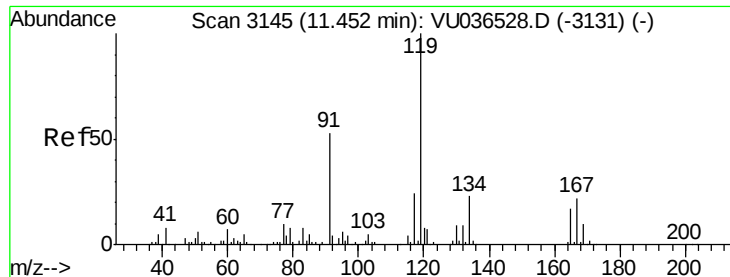


Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V

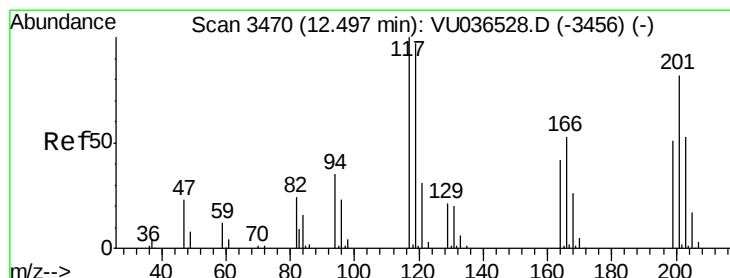
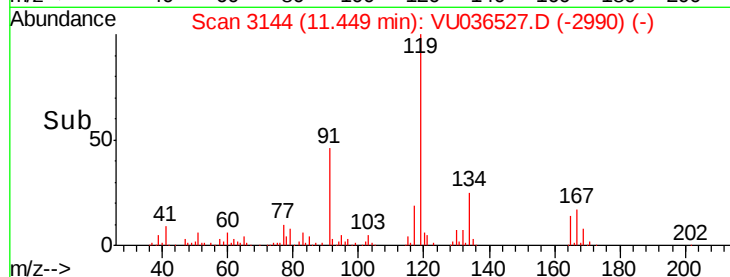
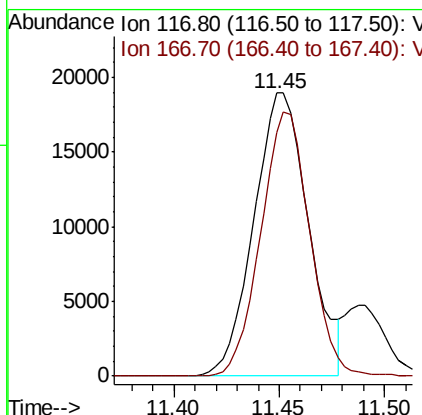
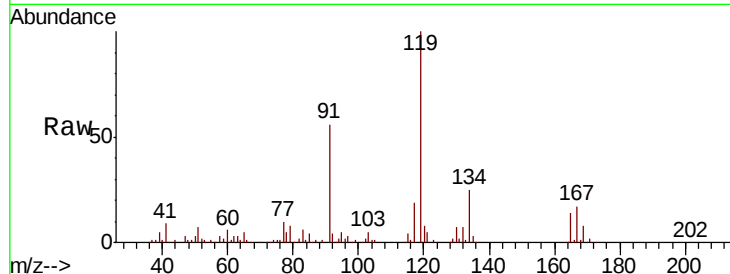




#61
 Pentachloroethane
 Concen: 4.347 ug/l
 RT: 11.45 min Scan# 3144
 Delta R.T. -0.00 min
 Lab File: VU036527.D
 Acq: 22 Jan 2020 15:46

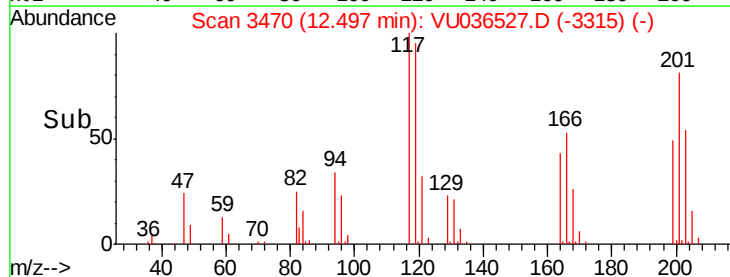
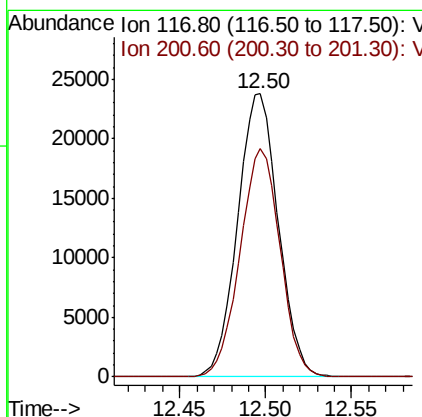
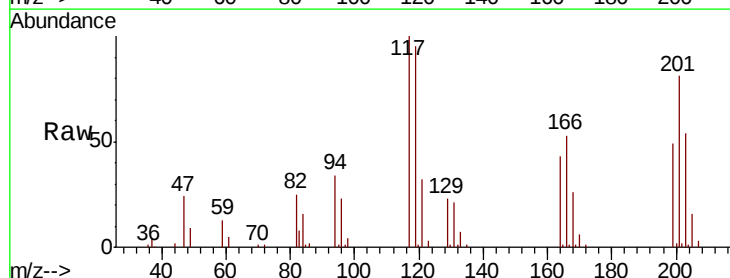
Instrument :
 MSVOA_U
 ClientSampleId :

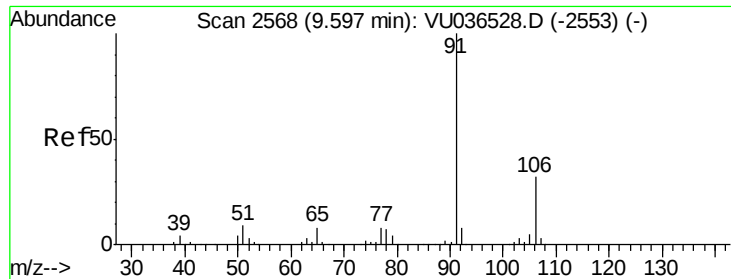
Tot Ion:117 Resp: 34161
 Ion Ratio Lower Upper
 117 100
 167 83.7 66.7 100.1



#62
 Hexachloroethane
 Concen: 4.732 ug/l
 RT: 12.50 min Scan# 3470
 Delta R.T. -0.00 min
 Lab File: VU036527.D
 Acq: 22 Jan 2020 15:46

Tgt Ion:117 Resp: 39044
 Ion Ratio Lower Upper
 117 100
 201 79.3 65.0 97.4

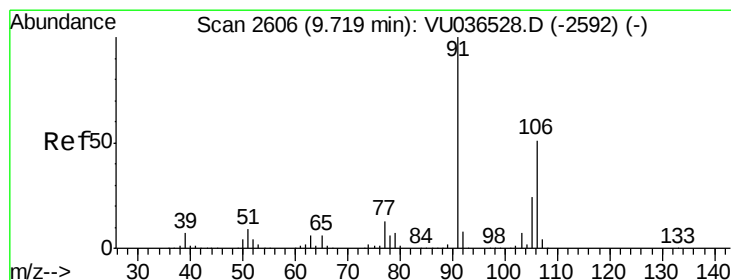
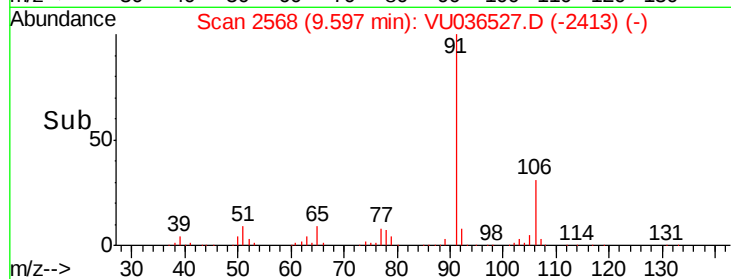
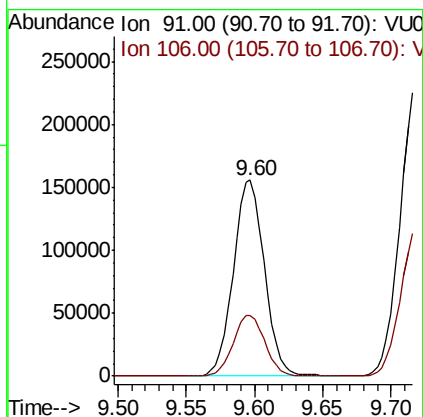
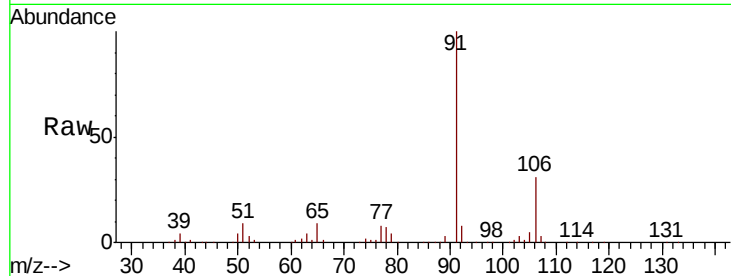




#63
Ethyl Benzene
Concen: 4.815 ug/l
RT: 9.60 min Scan# 2568
Delta R.T. -0.00 min
Lab File: VU036527.D
Acq: 22 Jan 2020 15:46

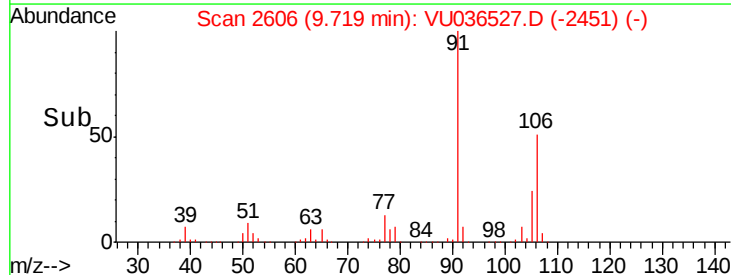
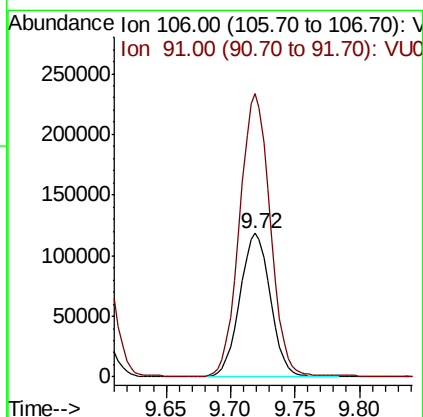
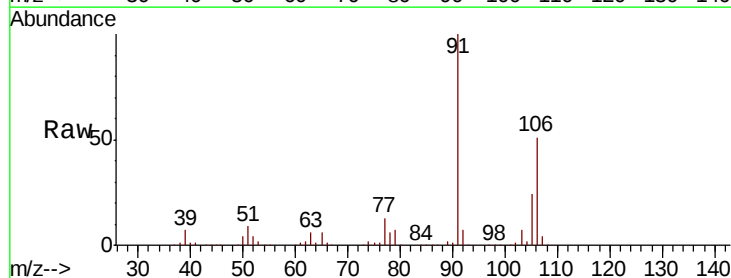
Instrument :
MSVOA_U
ClientSampled :

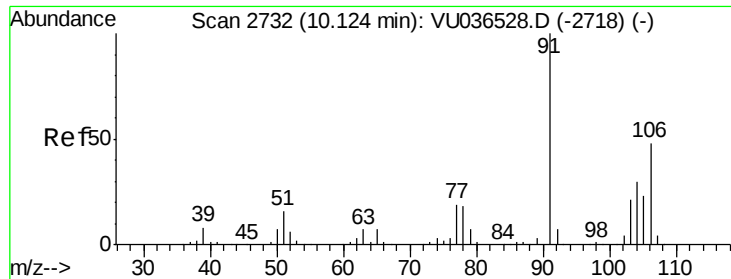
Tot Ion: 91 Resp: 246965
Ion Ratio Lower Upper
91 100
106 31.1 26.0 39.0



#64
m/p-Xylenes
Concen: 10.253 ug/l
RT: 9.72 min Scan# 2606
Delta R.T. -0.00 min
Lab File: VU036527.D
Acq: 22 Jan 2020 15:46

Tgt Ion: 106 Resp: 194465
Ion Ratio Lower Upper
106 100
91 200.9 158.2 237.4

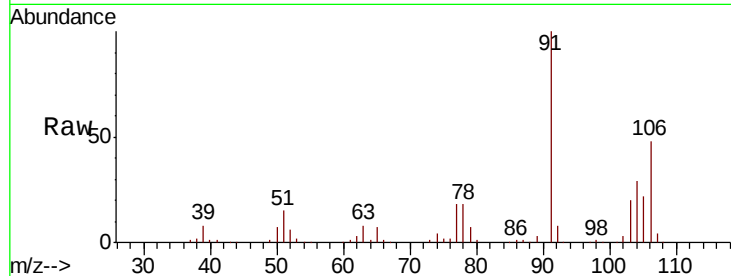




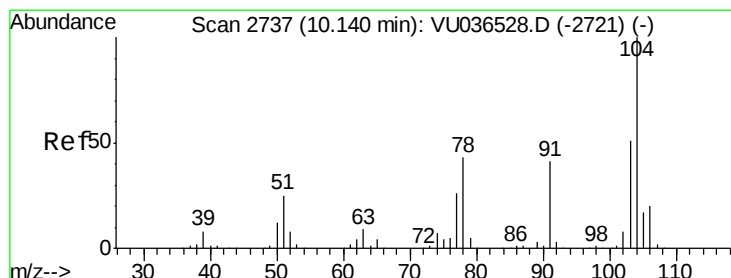
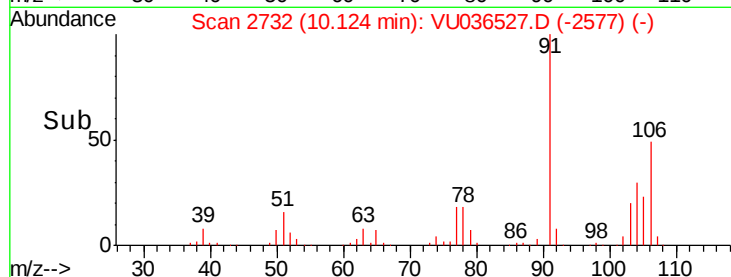
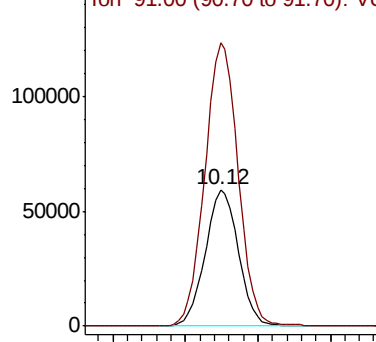
#65
o-Xylene
Concen: 5.080 ug/l
RT: 10.12 min Scan# 2732
Delta R.T. -0.00 min
Lab File: VU036527.D
Acq: 22 Jan 2020 15:46

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:106 Resp: 94048
Ion Ratio Lower Upper
106 100
91 209.3 104.3 312.9

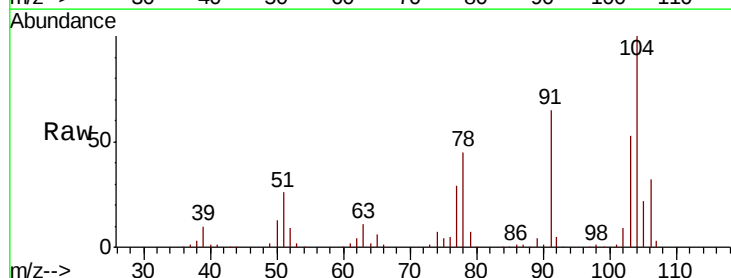


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

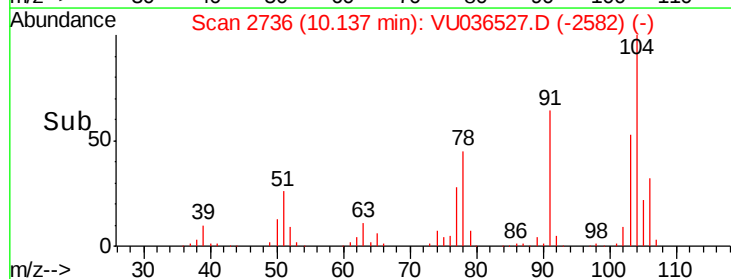
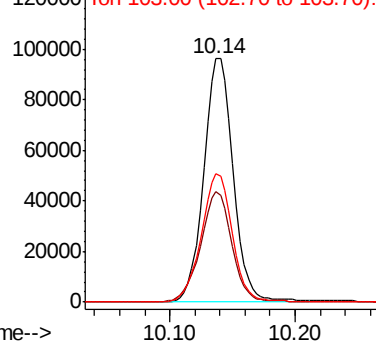


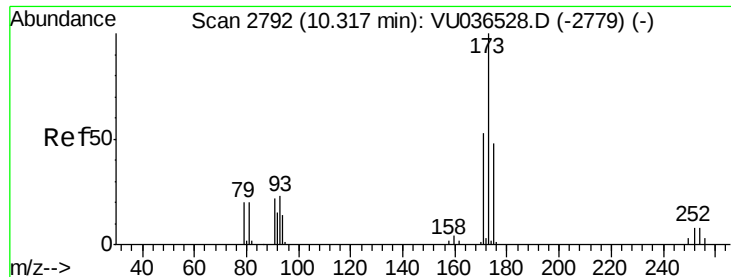
#66
Styrene
Concen: 5.139 ug/l
RT: 10.14 min Scan# 2736
Delta R.T. -0.00 min
Lab File: VU036527.D
Acq: 22 Jan 2020 15:46

Tgt Ion:104 Resp: 156995
Ion Ratio Lower Upper
104 100
78 47.9 38.6 57.8
103 55.4 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

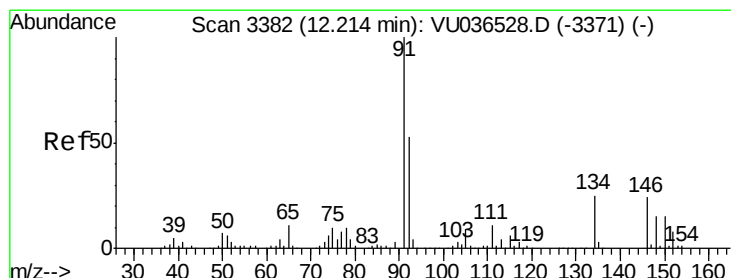
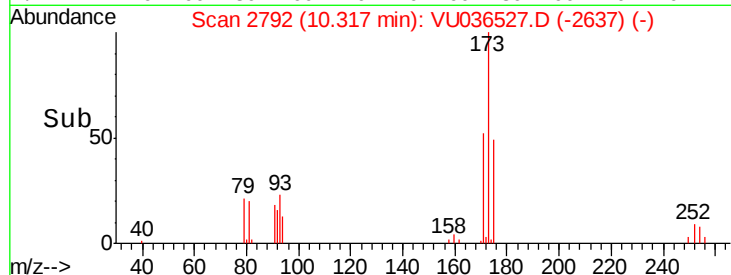
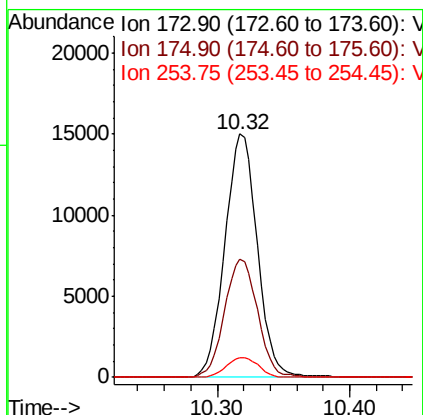
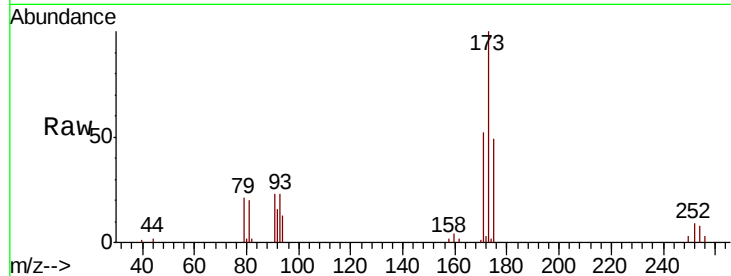




#67
Bromoform
Concen: 5.717 ug/l
RT: 10.32 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VU036527.D
Acq: 22 Jan 2020 15:46

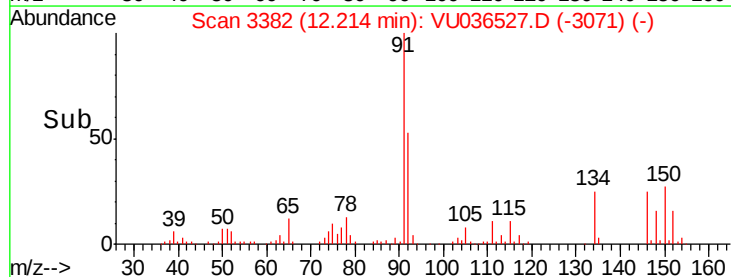
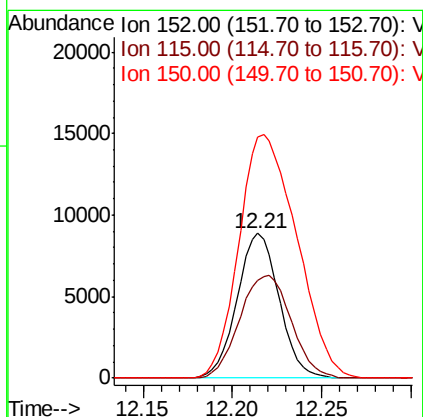
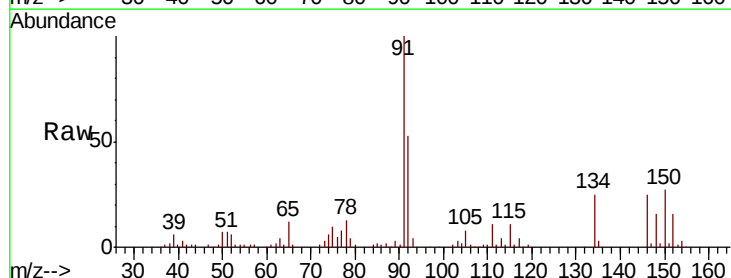
Instrument :
MSVOA_U
ClientSampleId :

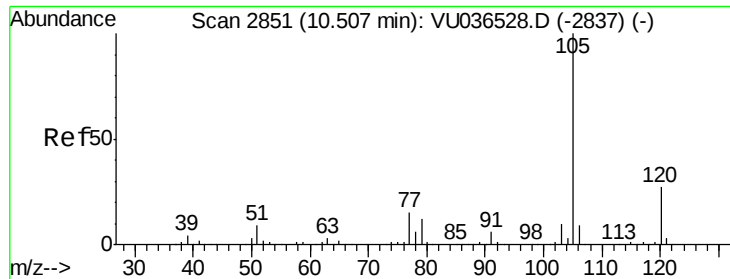
Tot Ion:173 Resp: 25543
Ion Ratio Lower Upper
173 100
175 49.1 38.3 57.5
254 8.0 6.6 9.8



#68
1,2-Dichlorobenzene-d4
Concen: 1.159 ug/l
RT: 12.21 min Scan# 3382
Delta R.T. -0.00 min
Lab File: VU036527.D
Acq: 22 Jan 2020 15:46

Tgt Ion:152 Resp: 14622
Ion Ratio Lower Upper
152 100
115 86.8 0.0 241.8
150 230.5 0.0 652.4





#69

Isopropylbenzene

Concen: 4.928 ug/l

RT: 10.51 min Scan# 2851

Delta R.T. -0.00 min

Lab File: VU036527.D

Acq: 22 Jan 2020 15:46

Instrument :

MSVOA_U

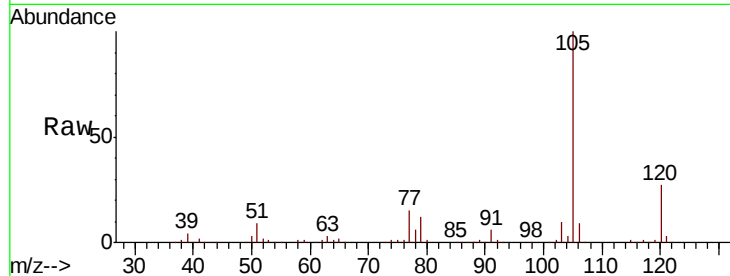
ClientSampleId :

Tot Ion:105 Resp: 245258

Ion Ratio Lower Upper

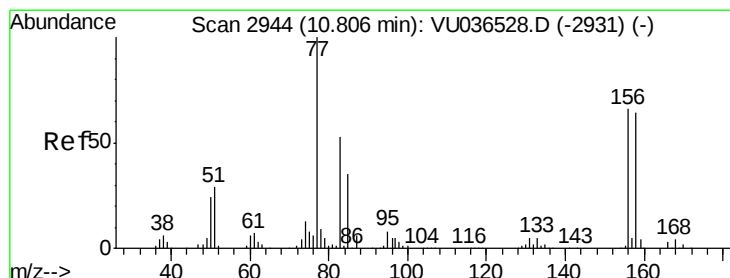
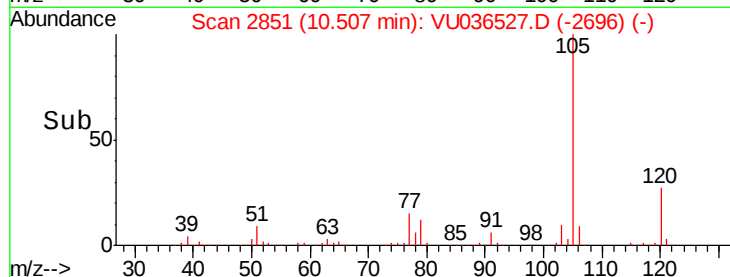
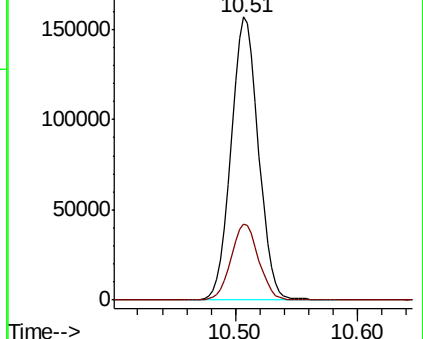
105 100

120 27.2 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: 4.734 ug/l

RT: 10.81 min Scan# 2945

Delta R.T. 0.00 min

Lab File: VU036527.D

Acq: 22 Jan 2020 15:46

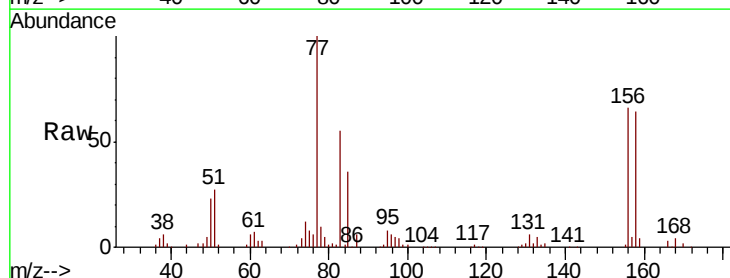
Tgt Ion: 83 Resp: 49138

Ion Ratio Lower Upper

83 100

131 9.7 7.8 11.8

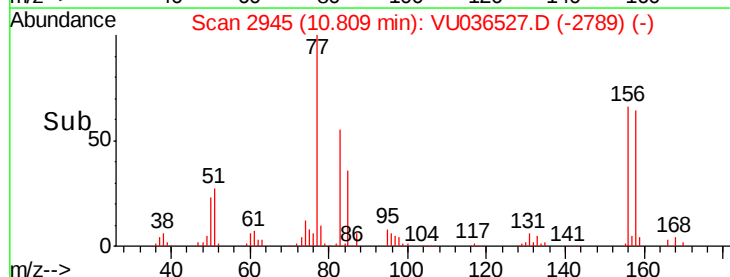
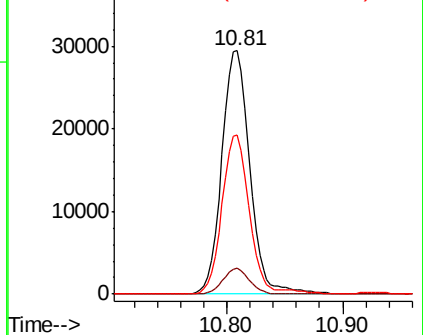
85 62.8 53.2 79.8

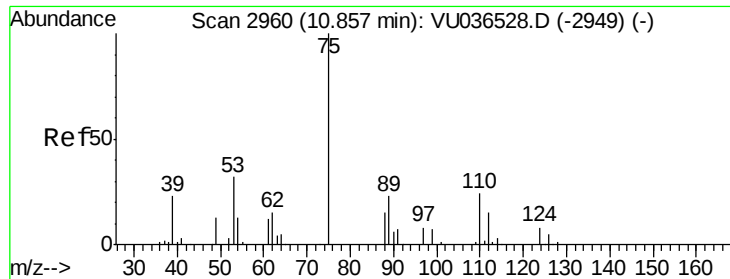


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VU0





#71

1,2,3-Trichloropropane

Concen: 7.690 ug/l

RT: 10.85 min Scan# 2959

Delta R.T. -0.00 min

Lab File: VU036527.D

Acq: 22 Jan 2020 15:46

Instrument :

MSVOA_U

ClientSampled :

Tot Ion: 75 Resp: 60890

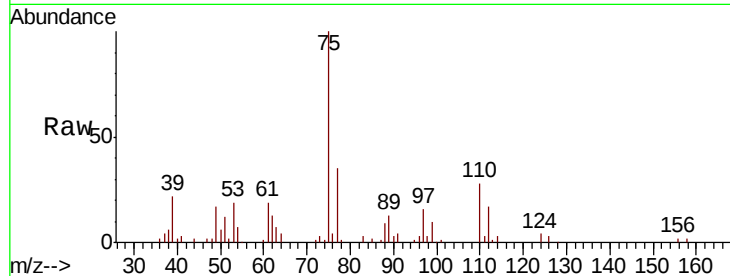
Ion Ratio Lower Upper

75 100

77 33.7 0.0 129.6

110 21.4 0.0 77.4

97 11.9 0.0 42.0

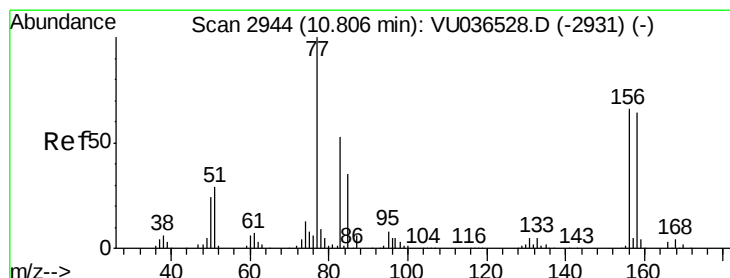
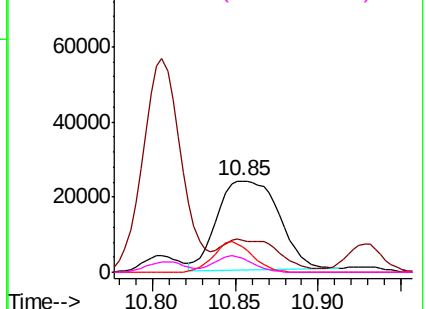
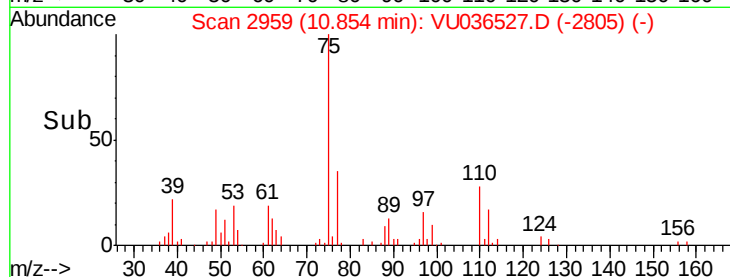


Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

Ion 110.00 (109.70 to 110.70): V

Ion 97.00 (96.70 to 97.70): VU0



#72

Bromobenzene

Concen: 5.702 ug/l

RT: 10.81 min Scan# 2944

Delta R.T. -0.00 min

Lab File: VU036527.D

Acq: 22 Jan 2020 15:46

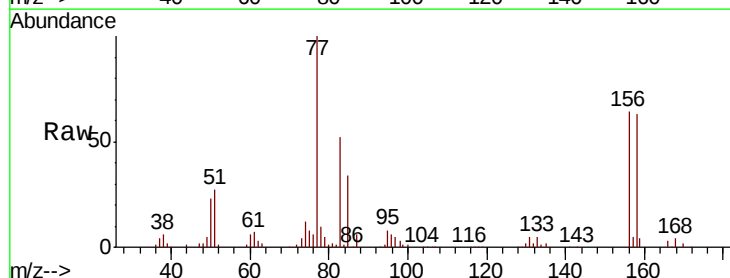
Tgt Ion: 156 Resp: 60066

Ion Ratio Lower Upper

156 100

77 153.6 0.0 306.6

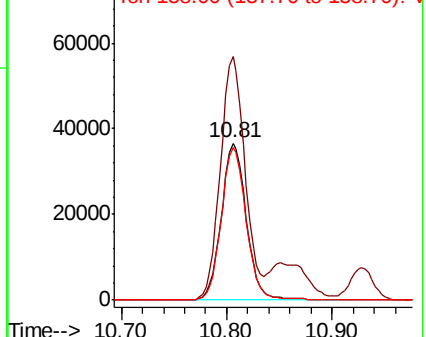
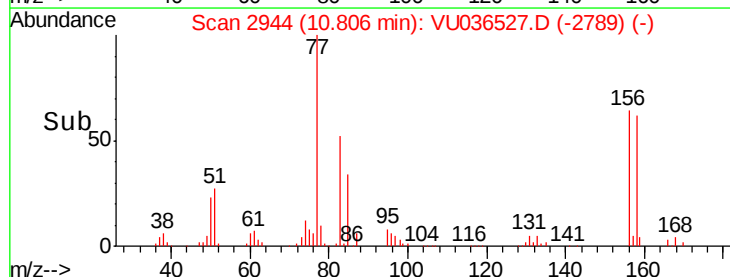
158 97.2 0.0 192.0

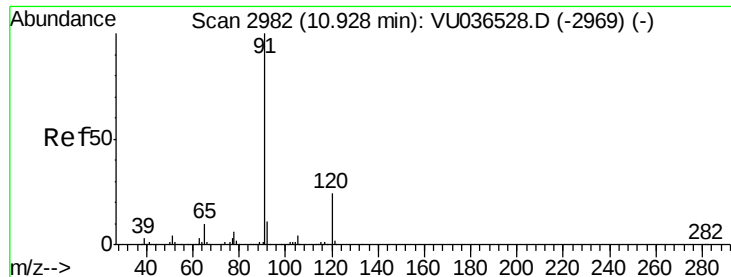


Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 158.00 (157.70 to 158.70): V





#73

n-propylbenzene

Concen: 5.303 ug/l

RT: 10.93 min Scan# 2982

Delta R.T. -0.00 min

Lab File: VU036527.D

Acq: 22 Jan 2020 15:46

Instrument :

MSVOA_U

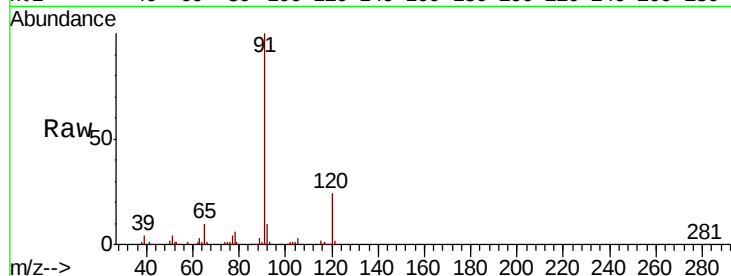
ClientSampleId :

Tot Ion:120 Resp: 70766

Ion Ratio Lower Upper

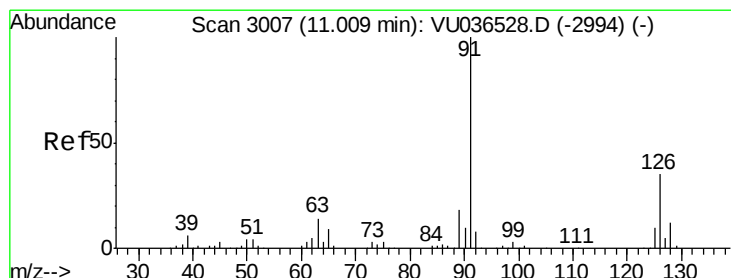
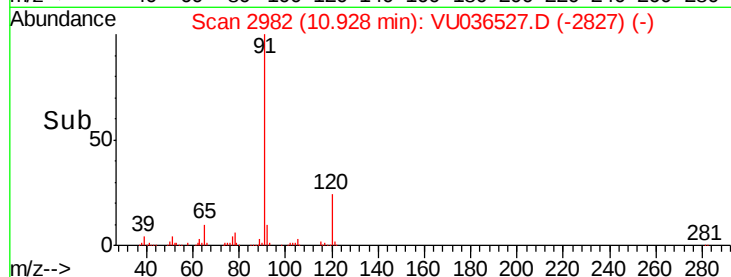
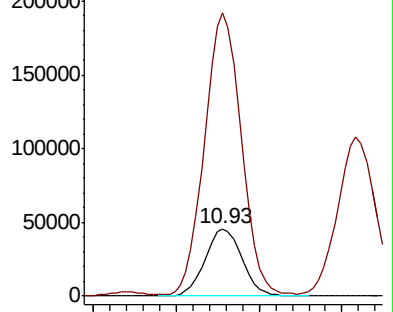
120 100

91 415.8 329.5 494.3



Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0



#74

2-Chlorotoluene

Concen: 5.160 ug/l

RT: 11.01 min Scan# 3007

Delta R.T. -0.00 min

Lab File: VU036527.D

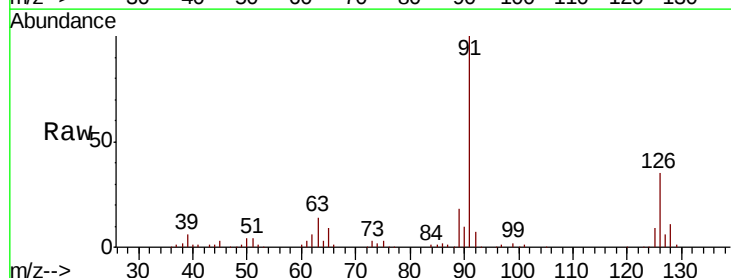
Acq: 22 Jan 2020 15:46

Tgt Ion:126 Resp: 59045

Ion Ratio Lower Upper

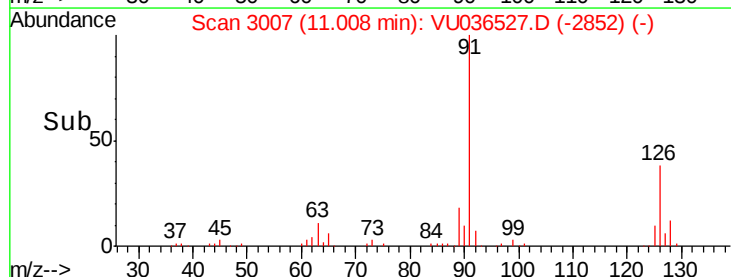
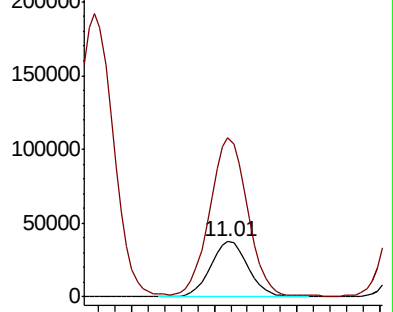
126 100

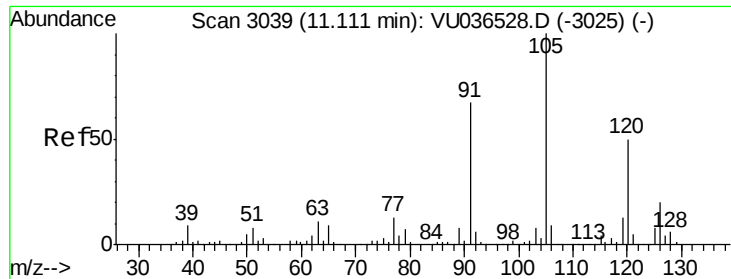
91 288.6 0.0 567.4



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0





#75

1,3,5-Trimethylbenzene

Concen: 5.018 ug/l

RT: 11.11 min Scan# 3039

Delta R.T. -0.00 min

Lab File: VU036527.D

Acq: 22 Jan 2020 15:46

Instrument :

MSVOA_U

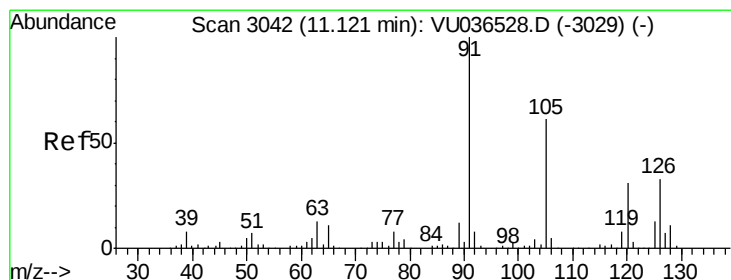
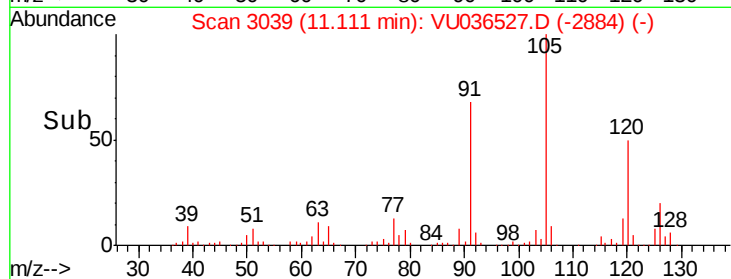
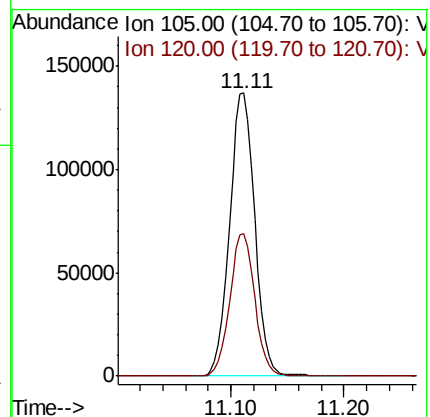
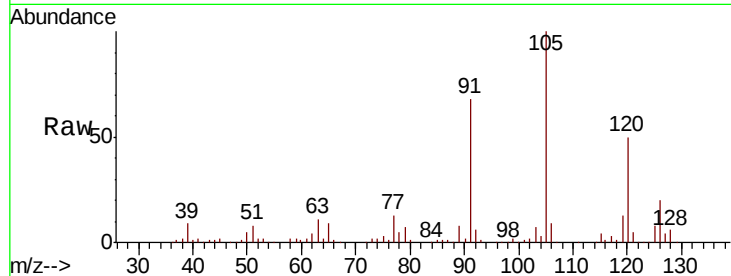
ClientSampleId :

Tot Ion:105 Resp: 211921

Ion Ratio Lower Upper

105 100

120 50.1 39.8 59.8



#76

4-Chlorotoluene

Concen: 5.319 ug/l

RT: 11.12 min Scan# 3042

Delta R.T. -0.00 min

Lab File: VU036527.D

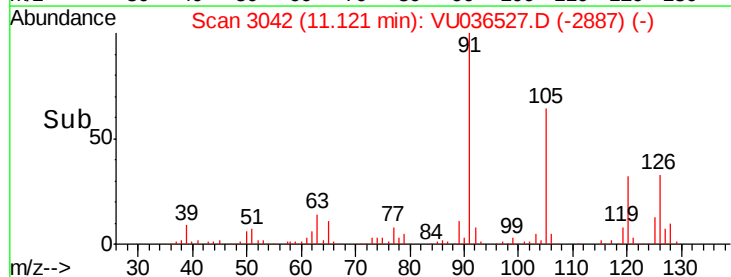
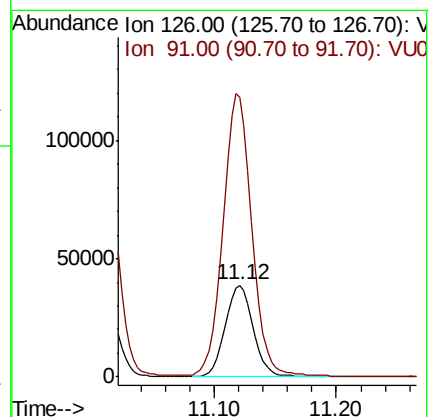
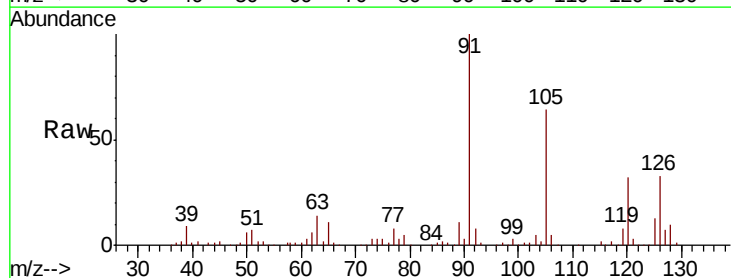
Acq: 22 Jan 2020 15:46

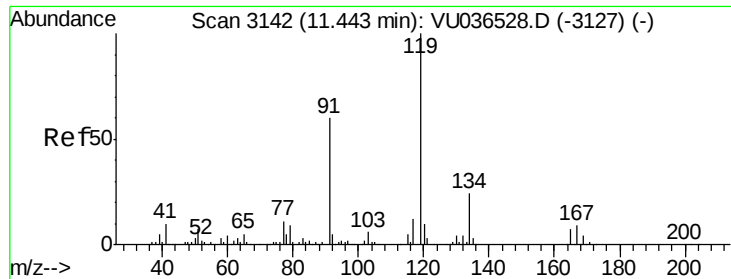
Tgt Ion:126 Resp: 62692

Ion Ratio Lower Upper

126 100

91 317.8 0.0 633.0





#77

tert-Butylbenzene

Concen: 5.018 ug/l

RT: 11.44 min Scan# 3142

Delta R.T. -0.00 min

Lab File: VU036527.D

Acq: 22 Jan 2020 15:46

Instrument :

MSVOA_U

ClientSampleId :

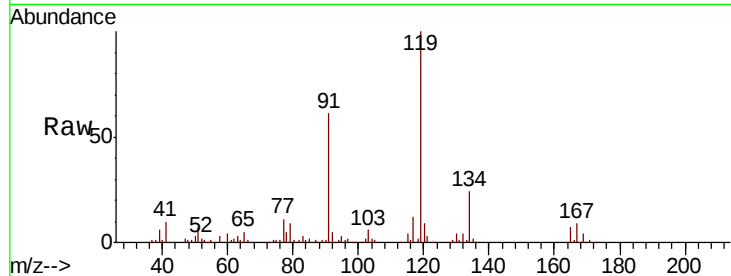
Tot Ion:119 Resp: 203034

Ion Ratio Lower Upper

119 100

91 58.0 29.3 87.8

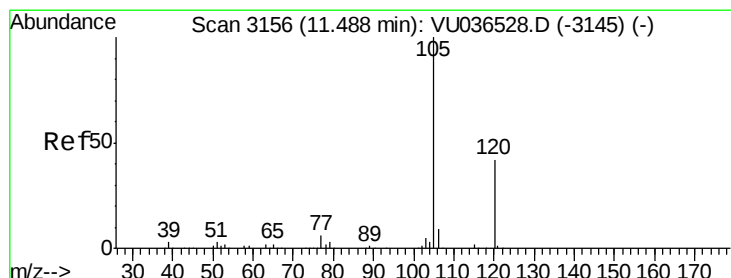
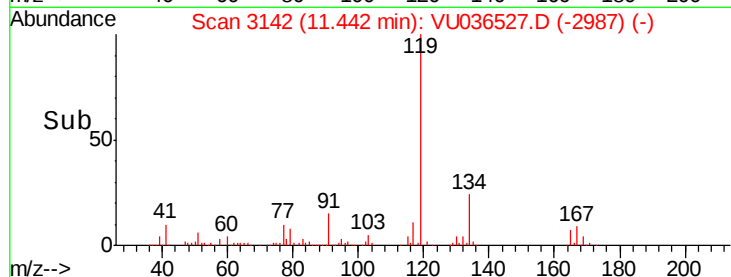
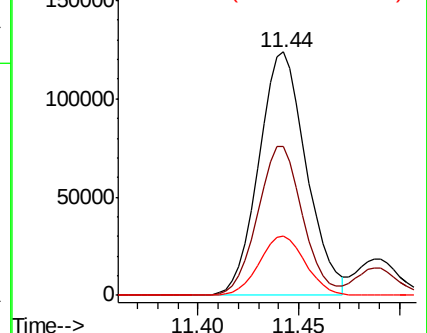
134 23.8 19.0 28.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VU0

Ion 134.00 (133.70 to 134.70): V



#78

1,2,4-Trimethylbenzene

Concen: 4.981 ug/l

RT: 11.49 min Scan# 3156

Delta R.T. -0.00 min

Lab File: VU036527.D

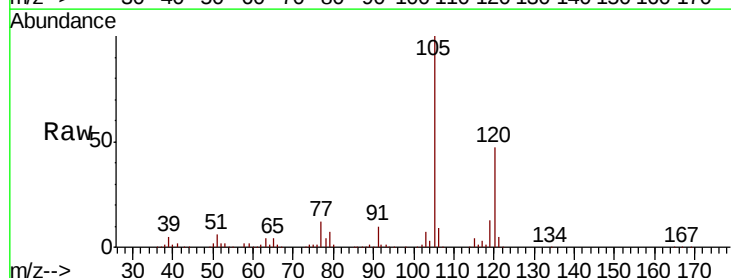
Acq: 22 Jan 2020 15:46

Tgt Ion:105 Resp: 217894

Ion Ratio Lower Upper

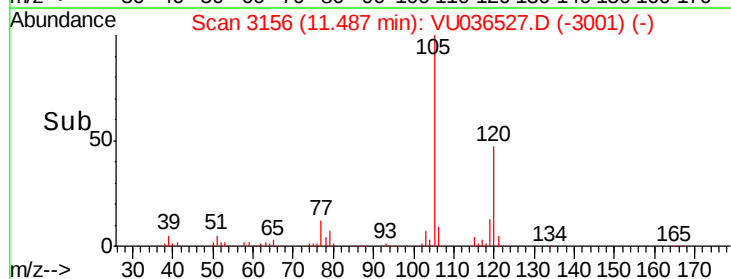
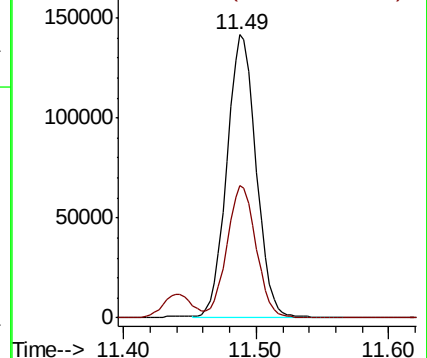
105 100

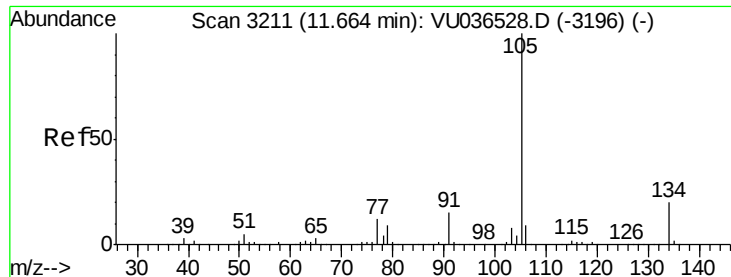
120 46.5 23.3 69.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#79

sec-Butylbenzene

Concen: 4.957 ug/l

RT: 11.66 min Scan# 3211

Delta R.T. -0.00 min

Lab File: VU036527.D

Acq: 22 Jan 2020 15:46

Instrument :

MSVOA_U

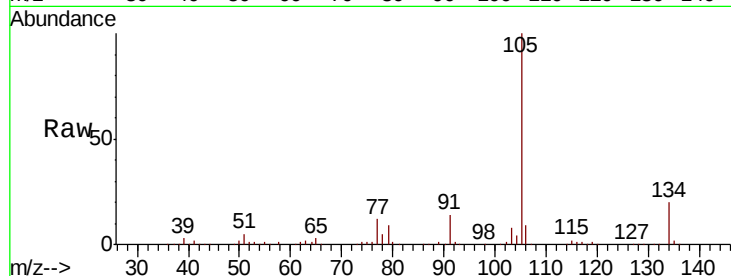
ClientSampleId :

Tot Ion:105 Resp: 278363

Ion Ratio Lower Upper

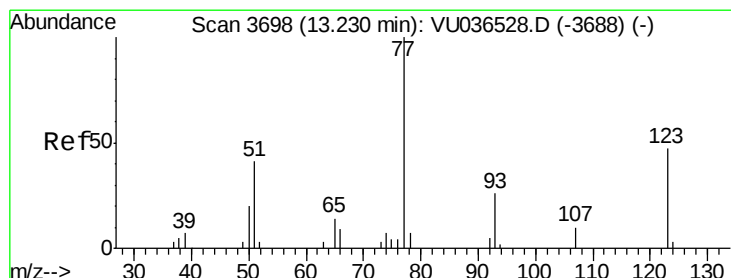
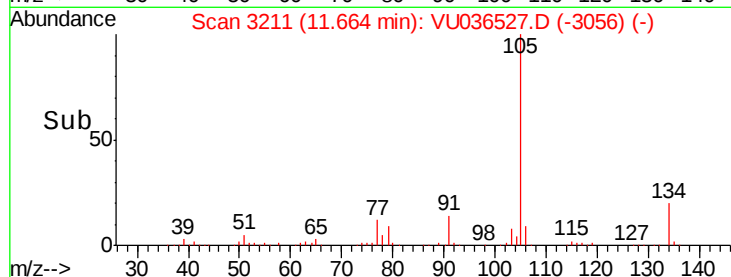
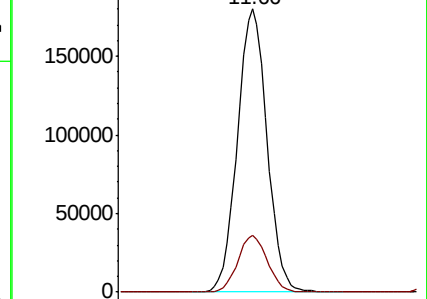
105 100

134 20.2 16.0 24.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#80

Nitrobenzene

Concen: 20.413 ug/l

RT: 13.23 min Scan# 3699

Delta R.T. 0.00 min

Lab File: VU036527.D

Acq: 22 Jan 2020 15:46

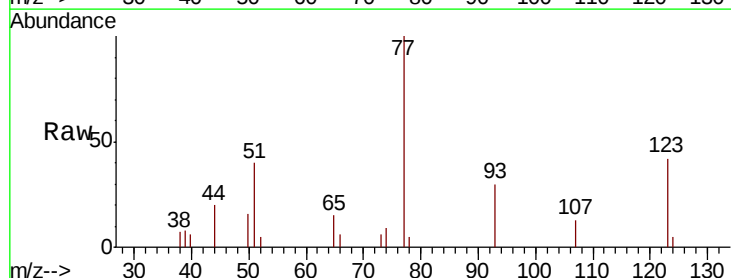
Tgt Ion: 77 Resp: 3716

Ion Ratio Lower Upper

77 100

123 44.0 19.6 69.6

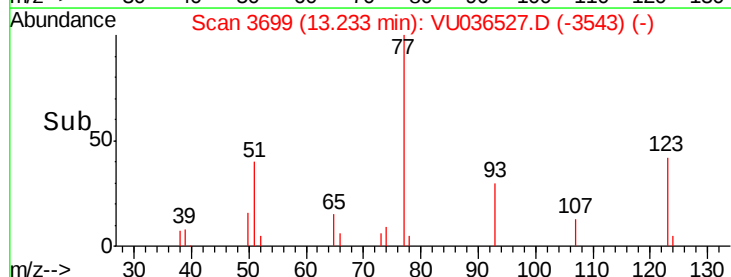
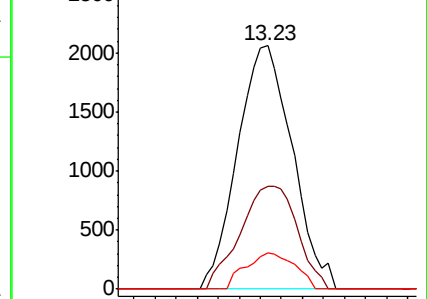
65 13.4 12.7 16.1

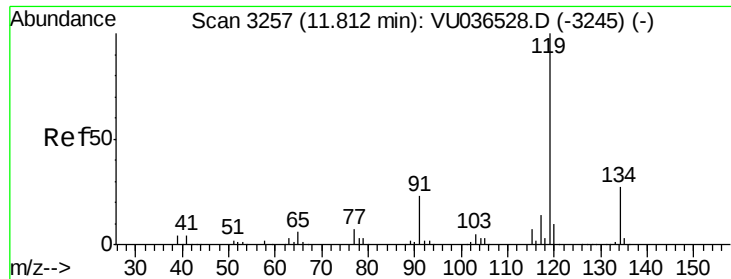


Abundance Ion 77.00 (76.70 to 77.70): VU0

Ion 123.00 (122.70 to 123.70): V

Ion 65.00 (64.70 to 65.70): VU0

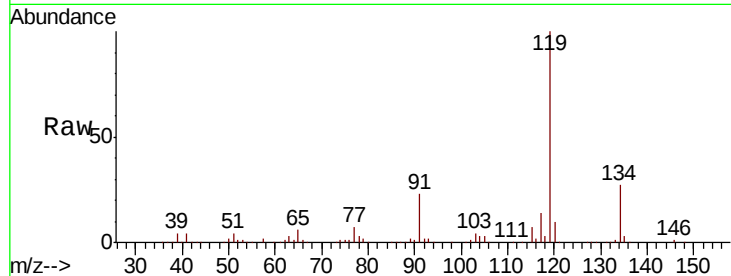




#81
 p-Isopropyltoluene
 Concen: 5.246 ug/l
 RT: 11.81 min Scan# 3257
 Delta R.T. -0.00 min
 Lab File: VU036527.D
 Acq: 22 Jan 2020 15:46

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
119	100		
134	27.0	21.4	32.0
91	22.9	18.3	27.5

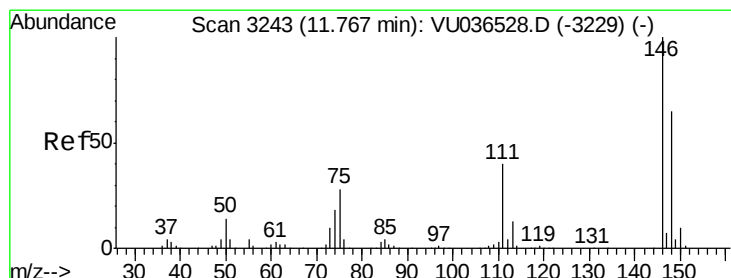
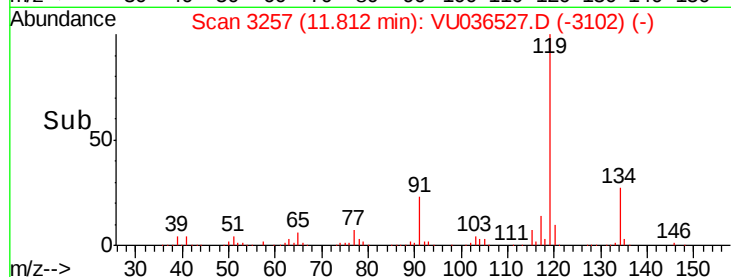
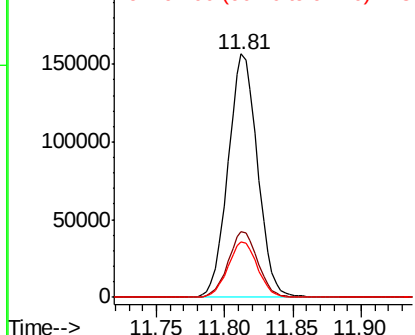


Abundance

Ion 119.00 (118.70 to 119.70): V

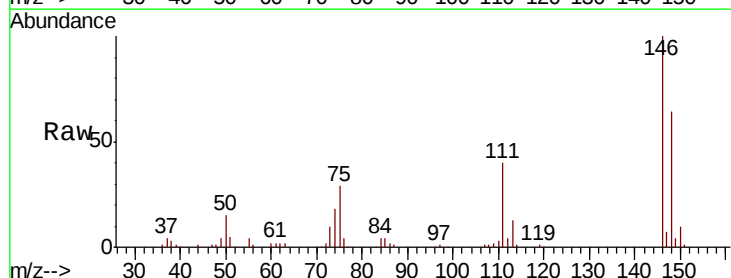
Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VU0



#82
 1,3-Dichlorobenzene
 Concen: 5.403 ug/l
 RT: 11.77 min Scan# 3243
 Delta R.T. -0.00 min
 Lab File: VU036527.D
 Acq: 22 Jan 2020 15:46

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.1	32.2	48.2
148	64.3	51.4	77.2

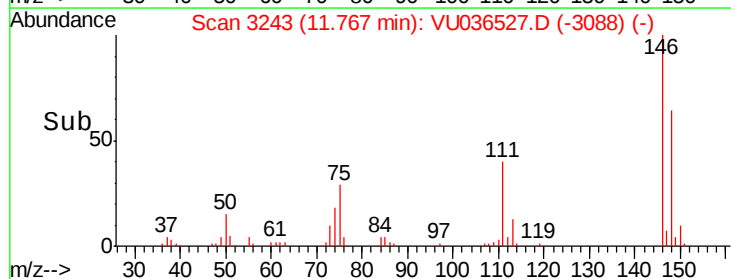
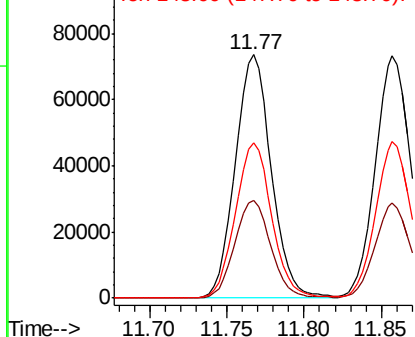


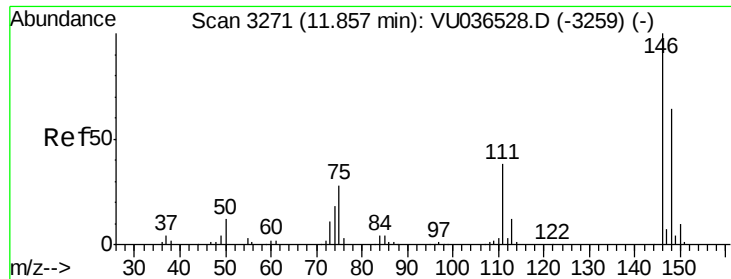
Abundance

Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

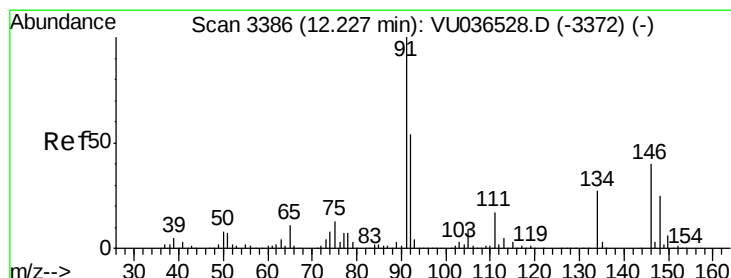
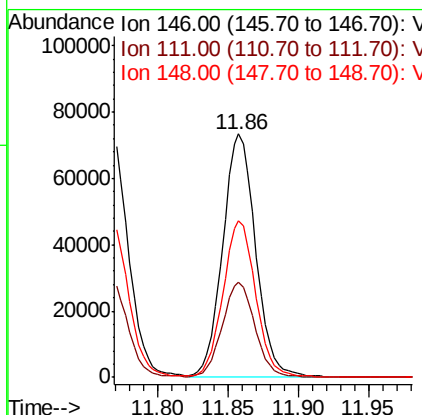
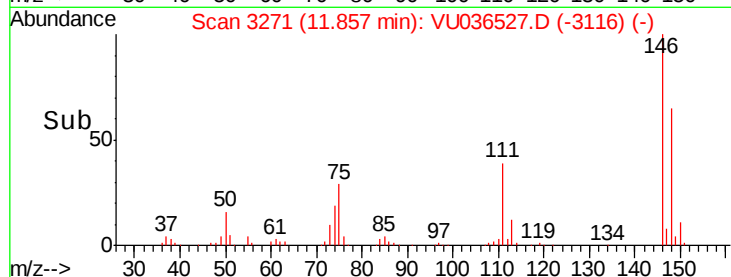
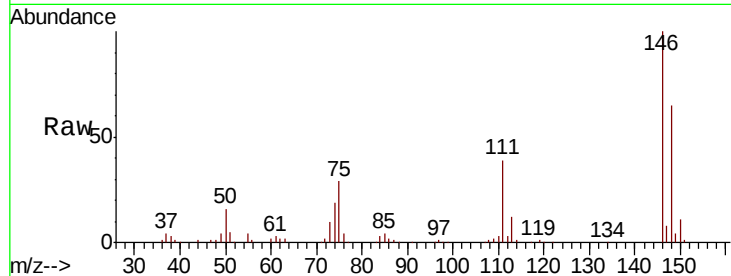




#83
 1,4-Dichlorobenzene
 Concen: 5.477 ug/l
 RT: 11.86 min Scan# 3271
 Delta R.T. -0.00 min
 Lab File: VU036527.D
 Acq: 22 Jan 2020 15:46

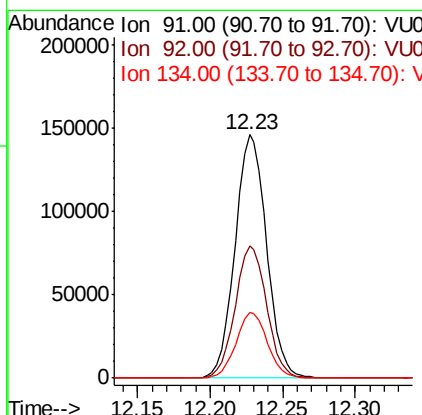
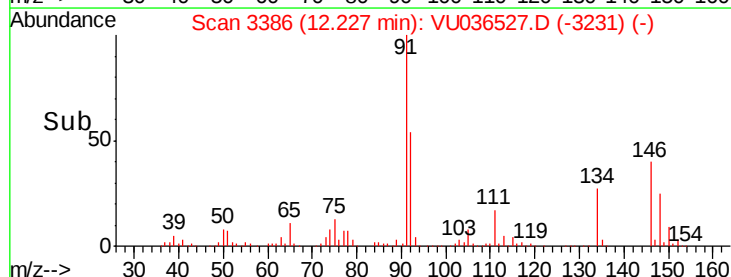
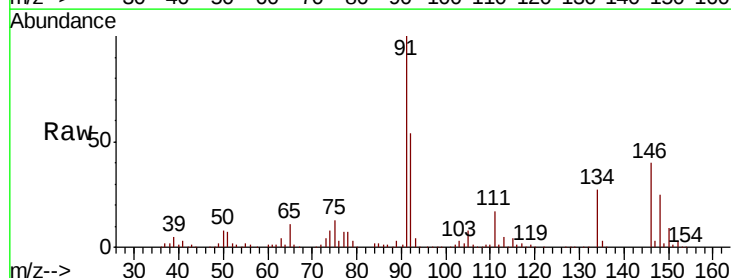
Instrument :
 MSVOA_U
 ClientSampled :

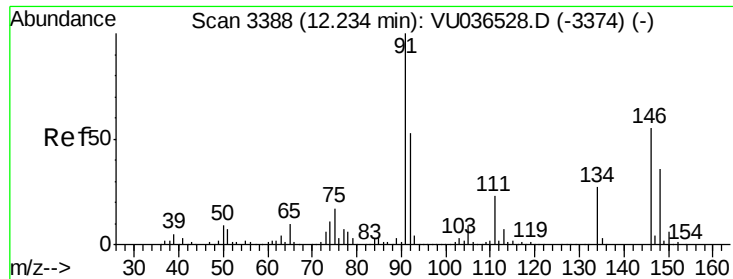
Tot Ion:146 Resp: 119721
 Ion Ratio Lower Upper
 146 100
 111 38.7 30.5 45.7
 148 63.8 51.0 76.4



#84
 n-Butylbenzene
 Concen: 4.664 ug/l
 RT: 12.23 min Scan# 3386
 Delta R.T. -0.00 min
 Lab File: VU036527.D
 Acq: 22 Jan 2020 15:46

Tgt Ion: 91 Resp: 219828
 Ion Ratio Lower Upper
 91 100
 92 54.1 42.9 64.3
 134 26.9 21.4 32.0

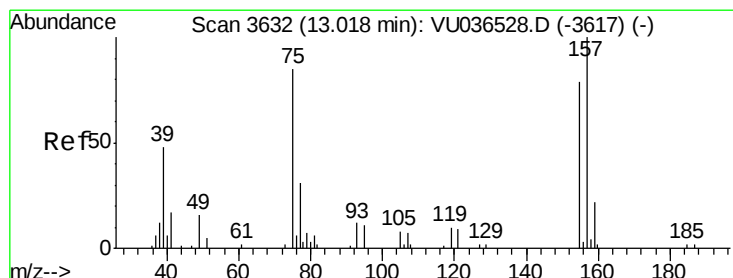
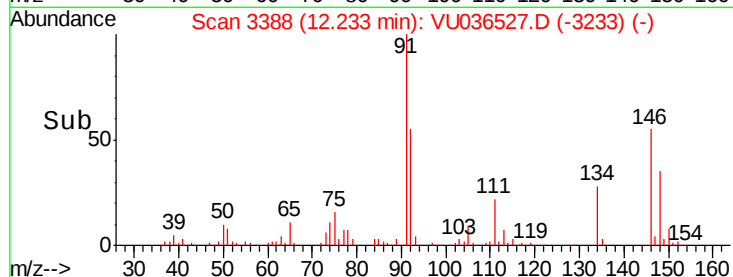
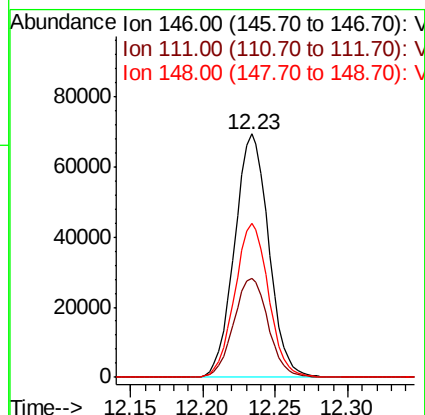
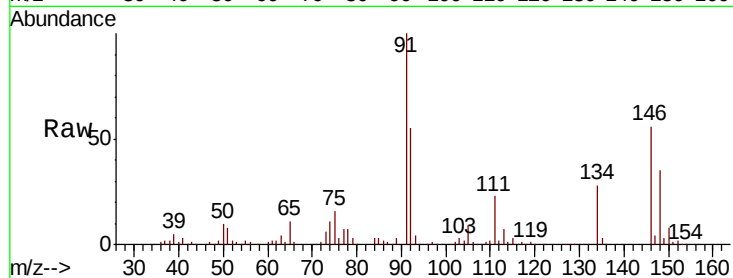




#85
 1,2-Dichlorobenzene
 Concen: 5.423 ug/l
 RT: 12.23 min Scan# 3388
 Delta R.T. -0.00 min
 Lab File: VU036527.D
 Acq: 22 Jan 2020 15:46

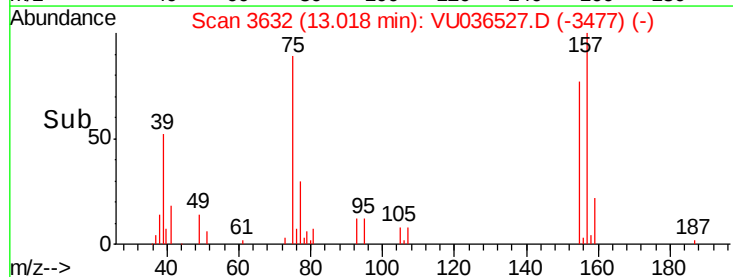
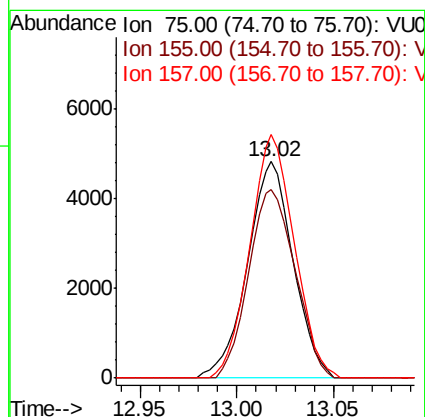
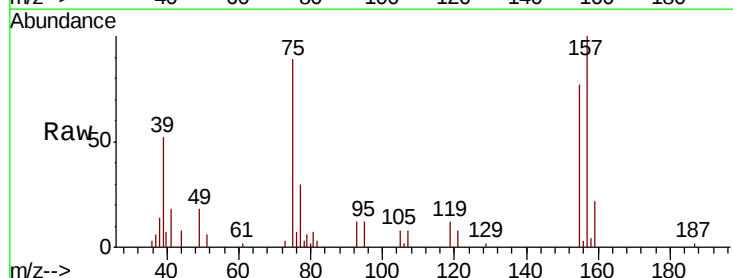
Instrument :
 MSVOA_U
 ClientSampled :

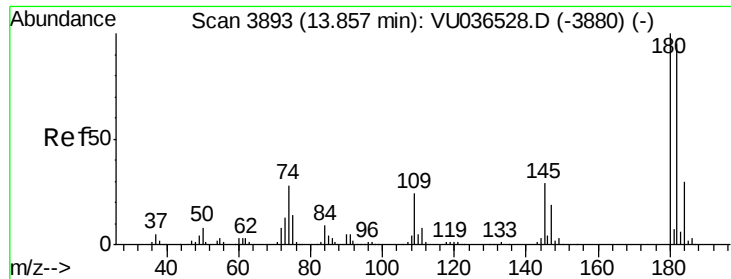
Tot Ion:146 Resp: 113246
 Ion Ratio Lower Upper
 146 100
 111 41.2 20.8 62.4
 148 62.8 32.0 96.2



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 4.193 ug/l
 RT: 13.02 min Scan# 3632
 Delta R.T. -0.00 min
 Lab File: VU036527.D
 Acq: 22 Jan 2020 15:46

Tgt Ion: 75 Resp: 7910
 Ion Ratio Lower Upper
 75 100
 155 88.4 71.8 107.8
 157 109.3 92.4 138.6

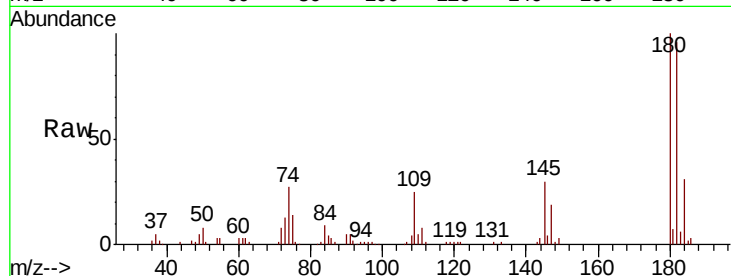




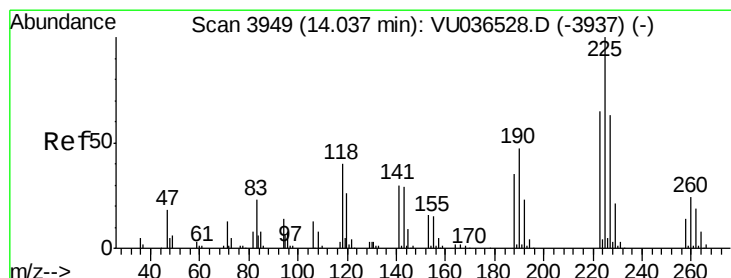
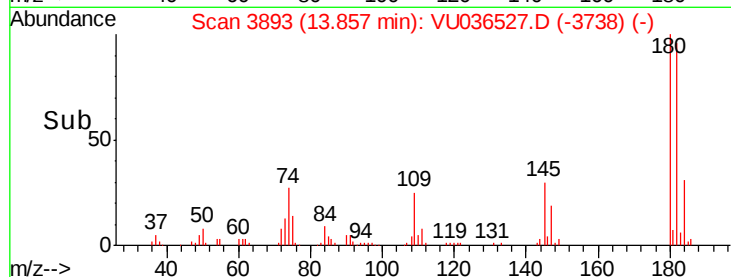
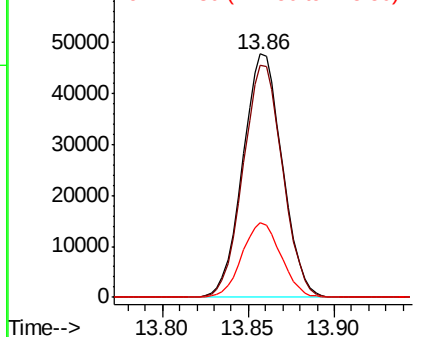
#87
 1,2,4-Trichlorobenzene
 Concen: 5.749 ug/l
 RT: 13.86 min Scan# 3893
 Delta R.T. -0.00 min
 Lab File: VU036527.D
 Acq: 22 Jan 2020 15:46

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:180 Resp: 76239
 Ion Ratio Lower Upper
 180 100
 182 95.1 75.9 113.9
 145 30.3 23.4 35.2

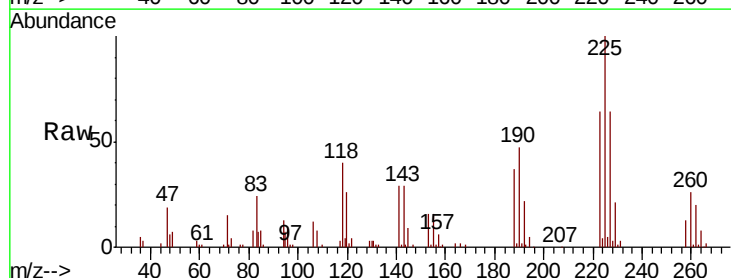


Abundance Ion 179.70 (179.40 to 180.40): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

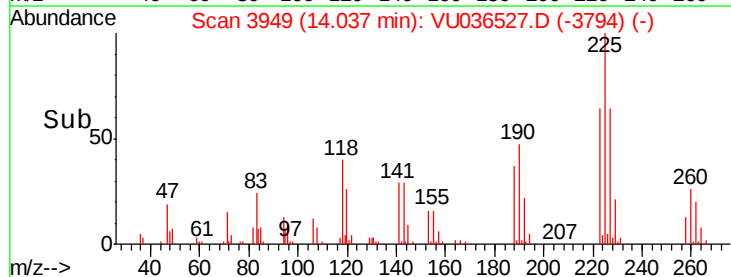
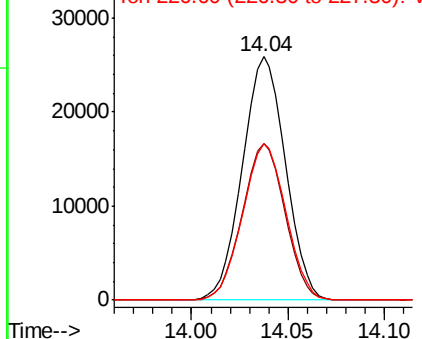


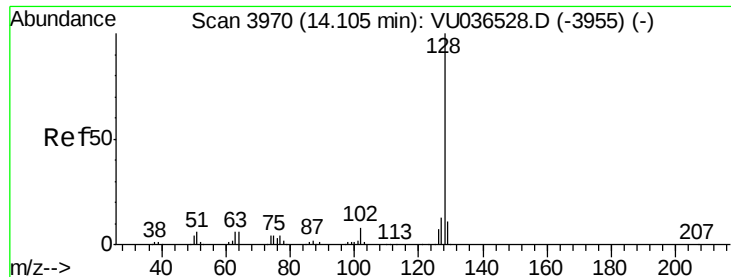
#88
 Hexachlorobutadiene
 Concen: 6.452 ug/l
 RT: 14.04 min Scan# 3949
 Delta R.T. -0.00 min
 Lab File: VU036527.D
 Acq: 22 Jan 2020 15:46

Tgt Ion:225 Resp: 40171
 Ion Ratio Lower Upper
 225 100
 223 63.7 51.7 77.5
 227 64.5 50.6 75.8



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





#89

Naphthalene

Concen: 5.011 ug/l

RT: 14.10 min Scan# 3970

Delta R.T. -0.00 min

Lab File: VU036527.D

Acq: 22 Jan 2020 15:46

Instrument :

MSVOA_U

ClientSampled :

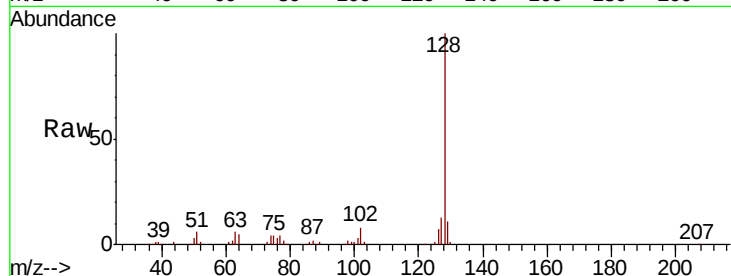
Tot Ion:128 Resp: 131815

Ion Ratio Lower Upper

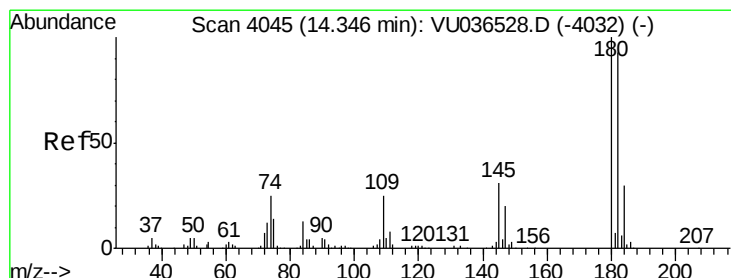
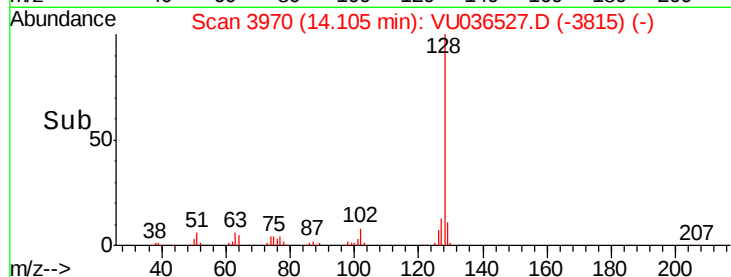
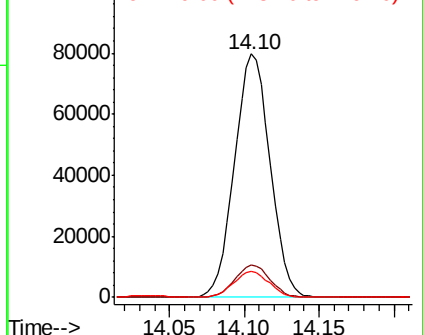
128 100

127 13.1 10.5 15.7

129 10.7 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: 5.775 ug/l

RT: 14.35 min Scan# 4045

Delta R.T. -0.00 min

Lab File: VU036527.D

Acq: 22 Jan 2020 15:46

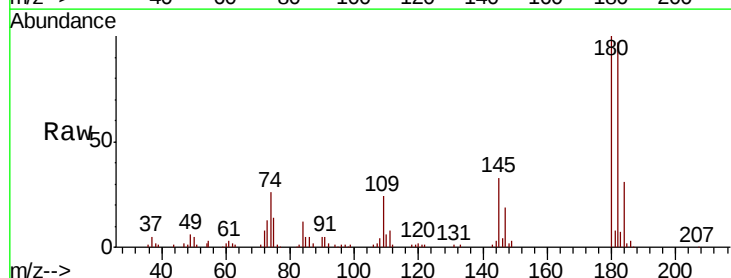
Tgt Ion:180 Resp: 70335

Ion Ratio Lower Upper

180 100

182 96.1 76.2 114.4

145 31.8 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

