

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU102919\
 Data File : VU035542.D
 Acq On : 29 Oct 2019 16:38
 Operator : JC/SP
 Sample : VU1029WBL01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 30 05:43:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U102919DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Oct 30 05:38:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	6.16	96	68429	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.67	95	21451	0.87	ug/l	0.00
Spiked Amount 1.000			Recovery	=	87.00%	
68) 1,2-Dichlorobenzene-d4	12.22	152	21200	0.81	ug/l	0.00
Spiked Amount 1.000			Recovery	=	81.00%	

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.40	85	160	0.006 ug/l #	43
3) Chloromethane	1.54	50	1154	0.035 ug/l	90
4) Vinyl Chloride	1.62	62	51	0.002 ug/l #	71
5) Bromomethane	1.81	94	43	0.003 ug/l	97
6) Chloroethane	1.79	64	1037	0.062 ug/l #	83
7) Trichlorofluoromethane	2.17	101	110	0.003 ug/l #	18
8) 1,1,2-Trichloro-1,2,2-trif	2.61	101	81	0.004 ug/l #	61
9) 1,1-Dichloroethene	2.62	96	116	0.006 ug/l	1
10) Iodomethane	2.75	142	82	0.794 ug/l #	76
11) Allyl Chloride	2.83	41	246	0.008 ug/l	89
12) Acrylonitrile	3.37	53	210	0.044 ug/l #	31
13) Acetone	2.69	43	2192	0.478 ug/l	91
14) Carbon Disulfide	2.83	76	2010	0.030 ug/l #	87
15) Methylene Chloride	3.09	84	3866	0.160 ug/l	97
16) trans-1,2-Dichloroethene	3.39	96	210	0.010 ug/l #	23
18) 2-Butanone	4.77	43	1470	0.248 ug/l	76
19) Cyclohexane	5.50	56	49	0.002 ug/l #	14
20) Methylcyclohexane	6.80	83	19	0.001 ug/l #	1
21) 2,2-Dichloropropane	4.75	77	2359	0.071 ug/l #	52
22) cis-1,2-Dichloroethene	4.73	96	77	0.003 ug/l #	1
23) Diethyl Ether	2.41	59	182	0.012 ug/l #	1
24) tert-Butyl Alcohol	3.23	59	3428	1.983 ug/l #	88
25) Methyl tert-Butyl Ether	3.44	73	20	0.000 ug/l #	57
27) Chloroform	5.14	83	4155	0.100 ug/l	92
29) 1,1-Dichloropropene	5.58	75	139	0.005 ug/l #	1
31) Isopropyl Ether	4.07	45	39	0.001 ug/l #	1
32) Ethyl-t-butyl ether	4.58	59	75	0.001 ug/l #	33
33) Tert-Amyl methyl ether	6.16	73	886	0.021 ug/l #	20
35) Benzene	5.57	78	80	0.001 ug/l	94
37) Trichloroethene	6.58	130	113	0.005 ug/l	93
39) Methacrylonitrile	5.03	41	82	0.013 ug/l #	33
40) Methyl acrylate	4.91	55	20	0.002 ug/l #	1
41) Tetrahydrofuran	5.13	42	74	0.022 ug/l #	1
42) 1-Chlorobutane	5.50	56	49	0.001 ug/l #	1
44) Bromodichloromethane	7.14	83	389	0.014 ug/l #	81
45) 4-Methyl-2-Pentanone	7.85	43	2987	0.244 ug/l #	91
46) t-1,4-Dichloro-2-butene	10.73	75	318	0.071 ug/l #	40
47) Methyl methacrylate	7.04	69	20	0.002 ug/l #	1
48) Ethyl methacrylate	8.39	69	181	0.011 ug/l	61
49) Toluene	8.01	92	337	0.007 ug/l #	54
50) t-1,3-Dichloropropene	8.25	75	170	0.007 ug/l #	46

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 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

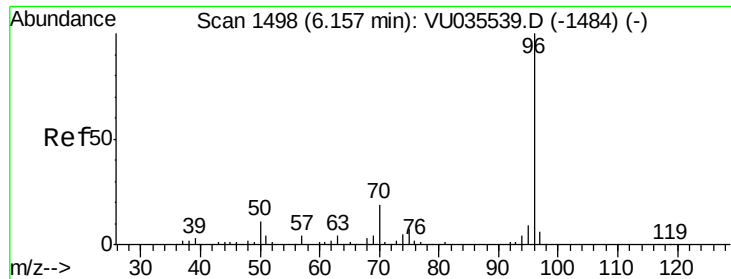
Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 30 05:43:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U102919DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Oct 30 05:38:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

51) cis-1,3-Dichloropropene	7.65	75	21	0.001	ug/l #	48
54) 2-Hexanone	8.75	43	2899	0.333	ug/l	76
58) Tetrachloroethene	8.59	164	188	0.009	ug/l #	49
59) Chlorobenzene	9.49	112	288	0.005	ug/l	91
61) Pentachloroethane	11.46	117	47	0.003	ug/l #	6
63) Ethyl Benzene	9.60	91	1065	0.012	ug/l #	73
64) m/p-Xylenes	9.73	106	624	0.018	ug/l #	1
65) o-Xylene	10.13	106	303	0.009	ug/l	64
66) Styrene	10.15	104	705	0.013	ug/l #	84
69) Isopropylbenzene	10.51	105	1078	0.013	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.81	83	207	0.010	ug/l #	34
71) 1,2,3-Trichloropropane	10.73	75	318	0.020	ug/l #	1
72) Bromobenzene	10.81	156	377	0.016	ug/l	45
73) n-propylbenzene	11.11	120	435	0.018	ug/l	89
74) 2-Chlorotoluene	11.01	126	379	0.017	ug/l	61
75) 1,3,5-Trimethylbenzene	11.12	105	830	0.012	ug/l	95
76) 4-Chlorotoluene	11.13	126	301	0.013	ug/l	1
77) tert-Butylbenzene	11.45	119	1147	0.016	ug/l #	87
78) 1,2,4-Trimethylbenzene	11.50	105	1490	0.021	ug/l	88
79) sec-Butylbenzene	11.67	105	1554	0.017	ug/l #	76
80) Nitrobenzene	13.25	77	181	0.251	ug/l #	41
81) p-Isopropyltoluene	11.82	119	1530	0.021	ug/l #	56
82) 1,3-Dichlorobenzene	11.77	146	1393	0.031	ug/l	88
83) 1,4-Dichlorobenzene	11.77	146	1393	0.032	ug/l	87
84) n-Butylbenzene	12.24	91	2542	0.042	ug/l	92
85) 1,2-Dichlorobenzene	12.24	146	1730	0.040	ug/l	86
87) 1,2,4-Trichlorobenzene	13.87	180	1572	0.671	ug/l	97
88) Hexachlorobutadiene	14.04	225	993	0.062	ug/l	98
89) Naphthalene	14.12	128	2558	0.752	ug/l #	92
90) 1,2,3-Trichlorobenzene	14.36	180	2080	0.584	ug/l	91

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



#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 6.16 min Scan# 1499

Delta R.T. 0.00 min

Lab File: VU035542.D

Acq: 29 Oct 2019 16:38

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 96 Resp: 68429

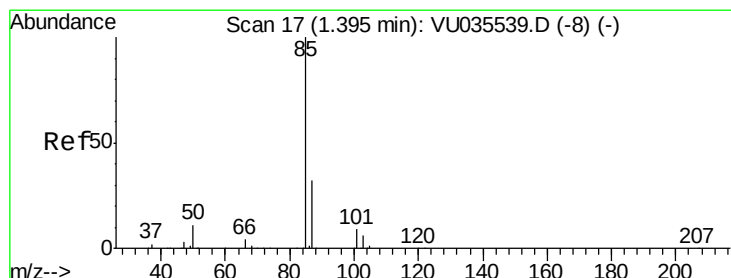
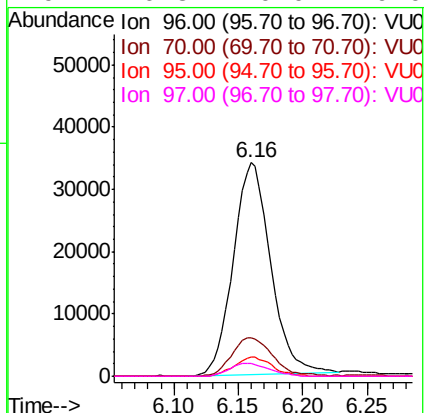
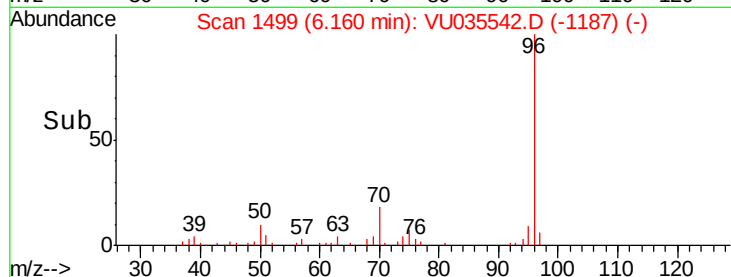
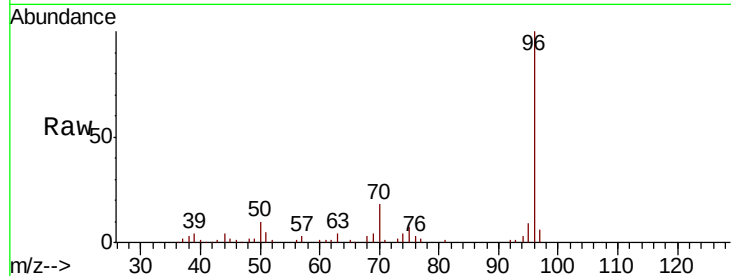
Ion Ratio Lower Upper

96 100

70 19.9 15.8 23.8

95 9.4 7.4 11.2

97 6.3 0.0 0.0#



#2

Dichlorodifluoromethane

Concen: 0.006 ug/l

RT: 1.40 min Scan# 20

Delta R.T. 0.01 min

Lab File: VU035542.D

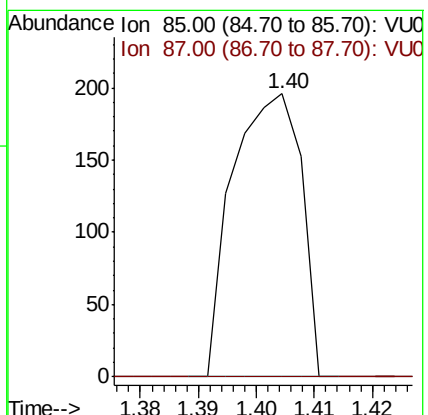
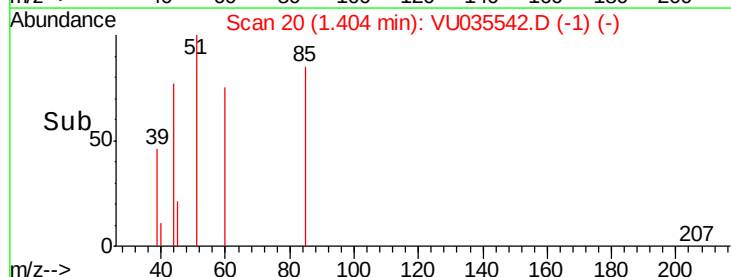
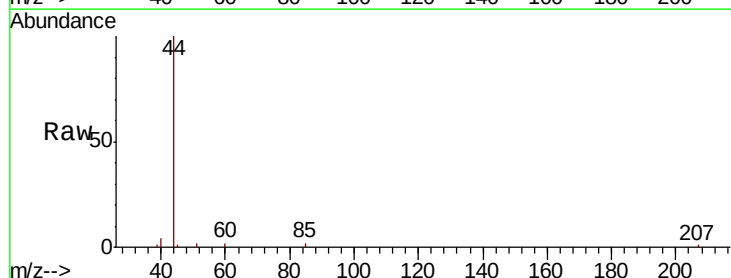
Acq: 29 Oct 2019 16:38

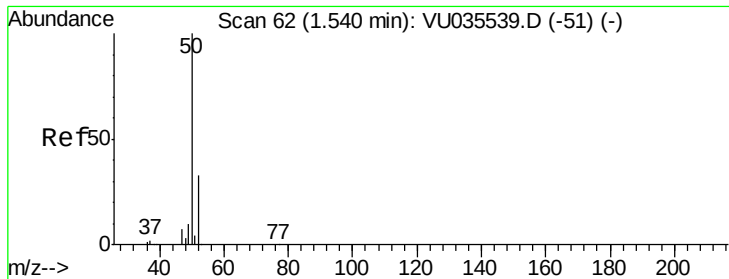
Tgt Ion: 85 Resp: 160

Ion Ratio Lower Upper

85 100

87 0.0 15.8 47.4#





#3

Chloromethane

Concen: 0.035 ug/l

RT: 1.54 min Scan# 61

Delta R.T. -0.00 min

Lab File: VU035542.D

Acq: 29 Oct 2019 16:38

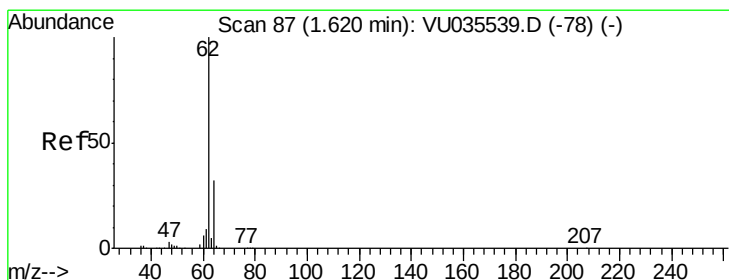
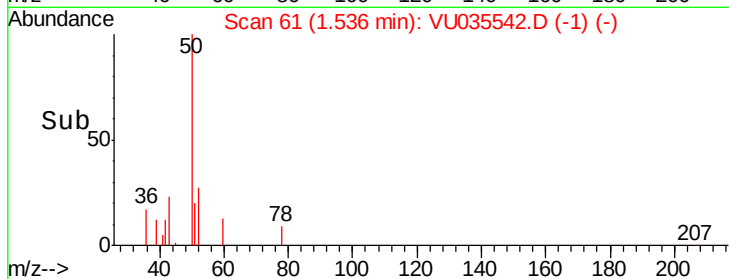
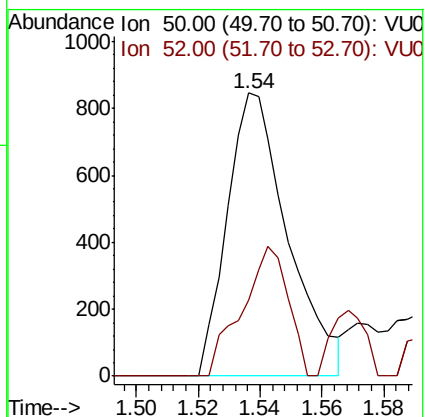
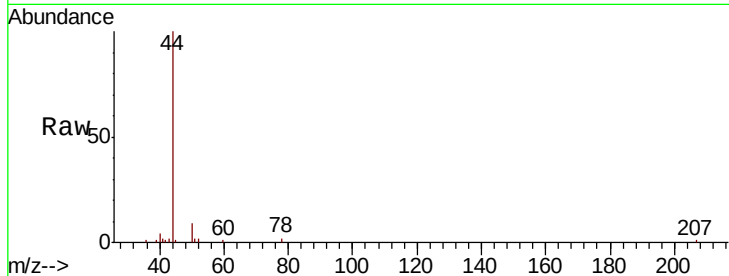
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 50 Resp: 1154

Ion Ratio Lower Upper

50 100

52 27.0 26.0 39.0



#4

Vinyl Chloride

Concen: 0.002 ug/l

RT: 1.62 min Scan# 86

Delta R.T. -0.00 min

Lab File: VU035542.D

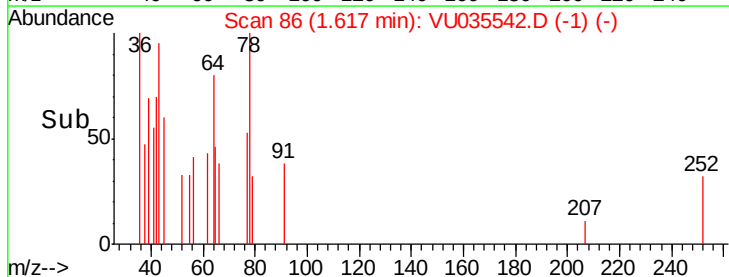
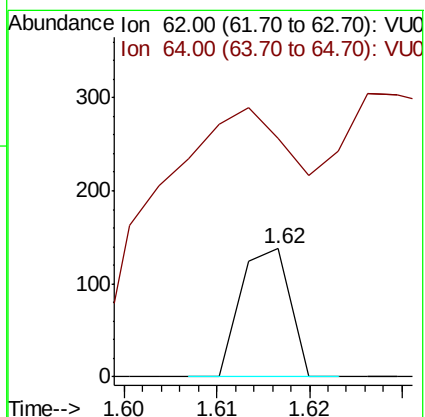
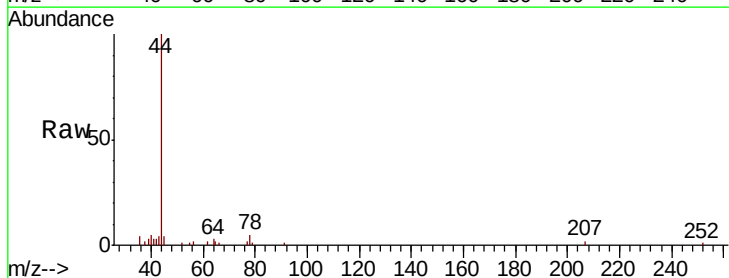
Acq: 29 Oct 2019 16:38

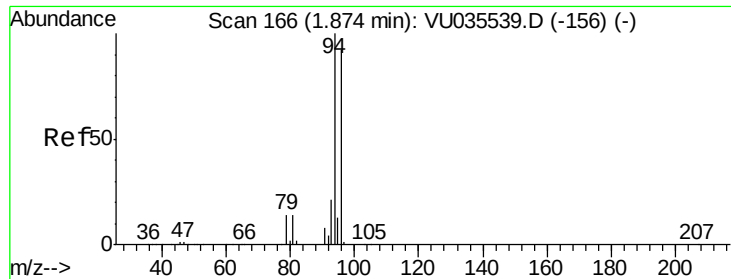
Tgt Ion: 62 Resp: 51

Ion Ratio Lower Upper

62 100

64 15.9 25.6 38.4#





#5

Bromomethane

Concen: 0.003 ug/l

RT: 1.81 min Scan# 147

Delta R.T. -0.06 min

Lab File: VU035542.D

Acq: 29 Oct 2019 16:38

Instrument :

MSVOA_U

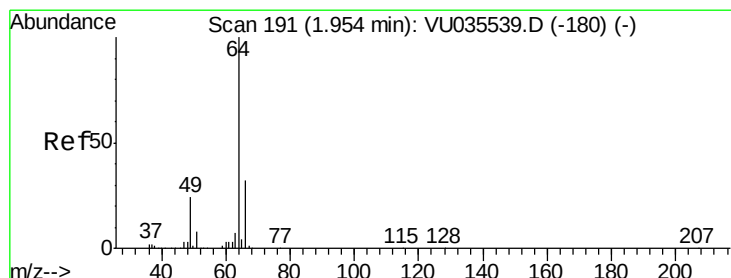
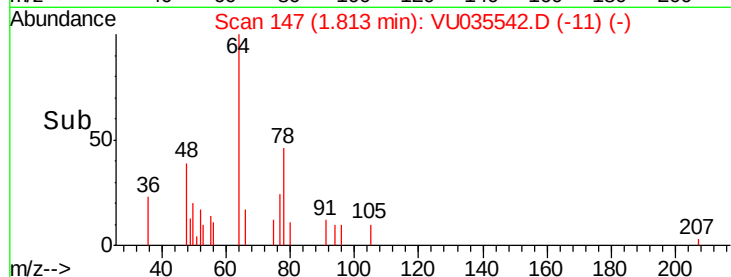
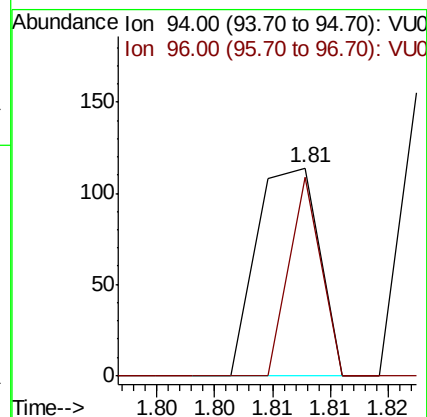
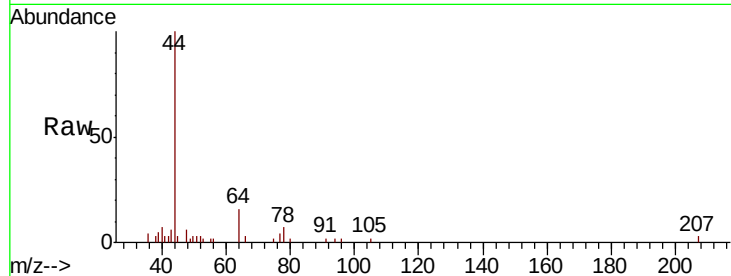
ClientSampleId :

Tot Ion: 94 Resp: 43

Ion Ratio Lower Upper

94 100

96 95.6 73.8 110.8



#6

Chloroethane

Concen: 0.062 ug/l

RT: 1.79 min Scan# 141

Delta R.T. -0.16 min

Lab File: VU035542.D

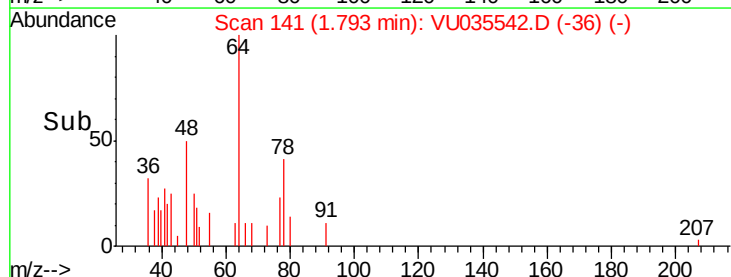
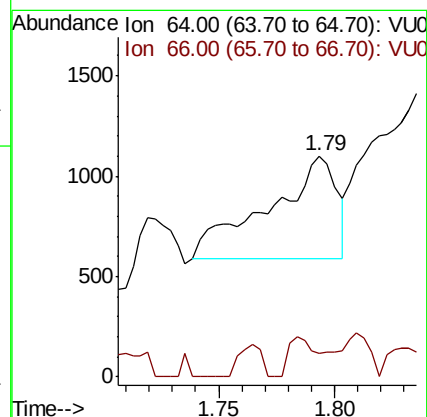
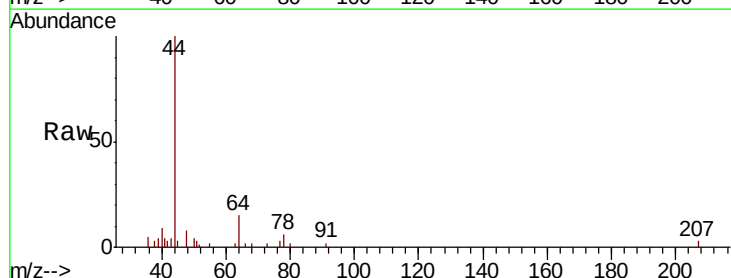
Acq: 29 Oct 2019 16:38

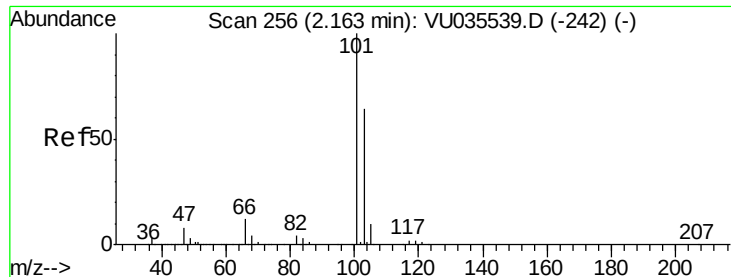
Tgt Ion: 64 Resp: 1037

Ion Ratio Lower Upper

64 100

66 22.7 25.9 38.9#



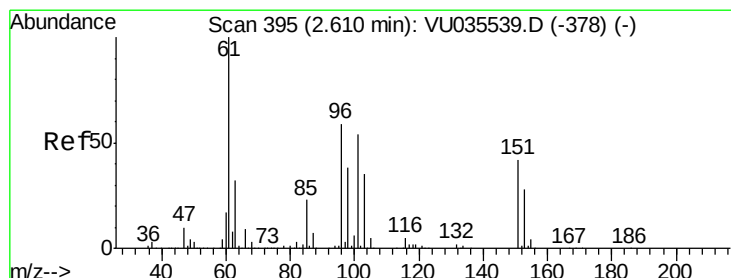
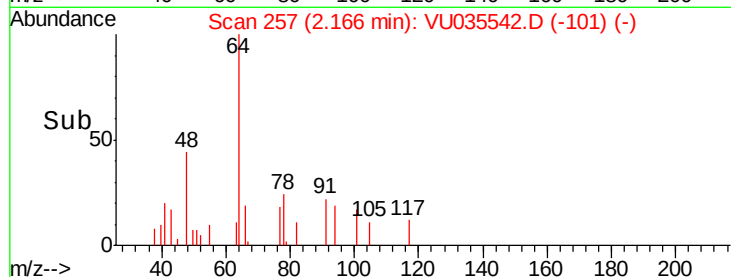
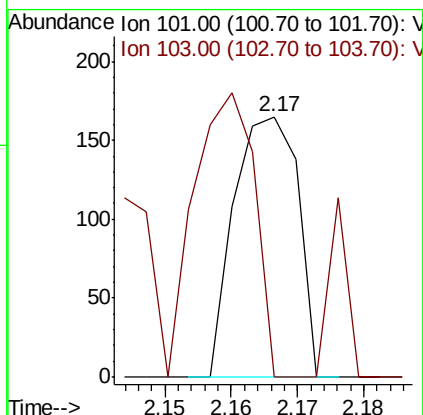
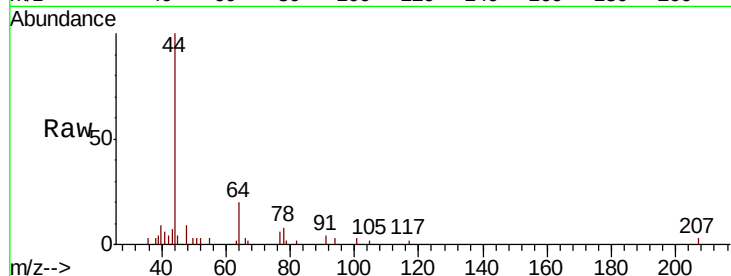


#7

Trichlorofluoromethane
Concen: 0.003 ug/l
RT: 2.17 min Scan# 257
Delta R.T. 0.00 min
Lab File: VU035542.D
Acq: 29 Oct 2019 16:38

Instrument :
MSVOA_U
ClientSampled :

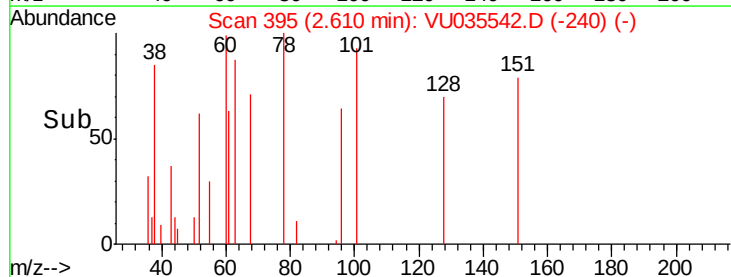
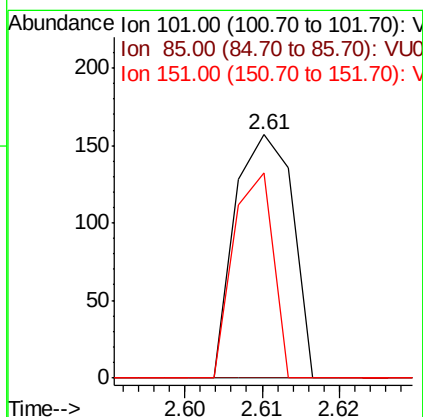
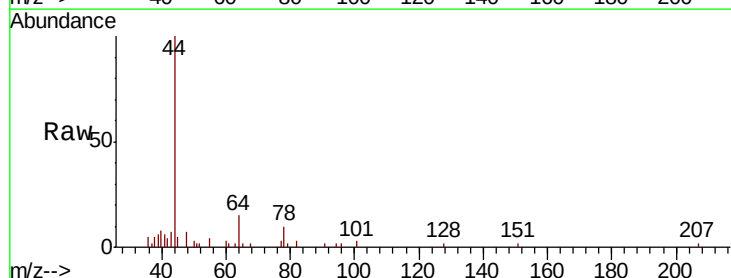
Tot Ion:101 Resp: 110
Ion Ratio Lower Upper
101 100
103 0.0 51.0 76.6#

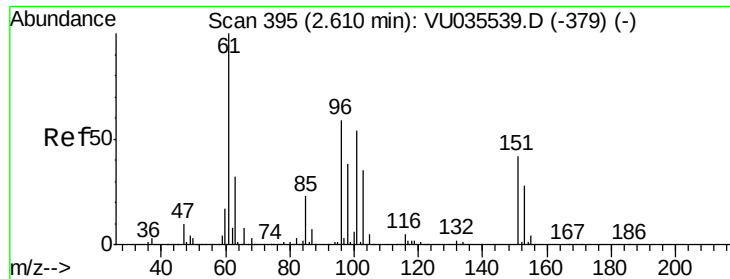


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.004 ug/l
RT: 2.61 min Scan# 395
Delta R.T. -0.00 min
Lab File: VU035542.D
Acq: 29 Oct 2019 16:38

Tgt Ion:101 Resp: 81
Ion Ratio Lower Upper
101 100
85 0.0 35.8 53.6#
151 58.0 61.8 92.6#





#9

1,1-Dichloroethene

Concen: 0.006 ug/l

RT: 2.62 min Scan# 397

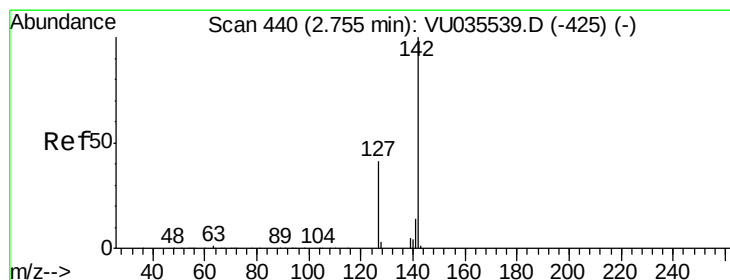
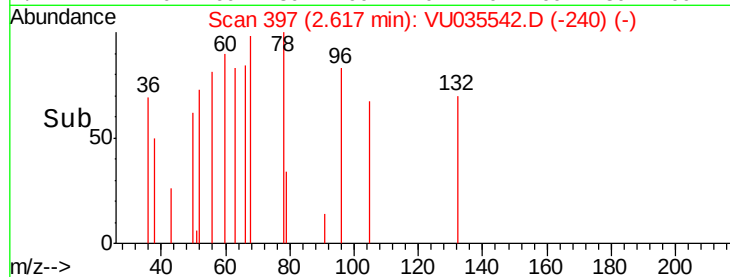
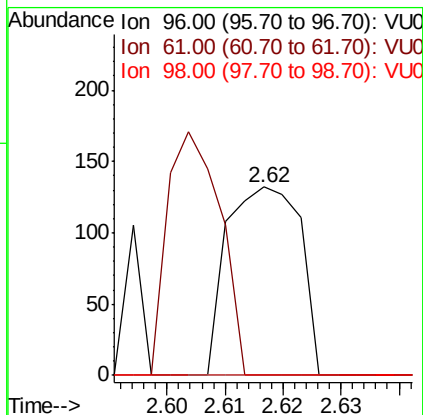
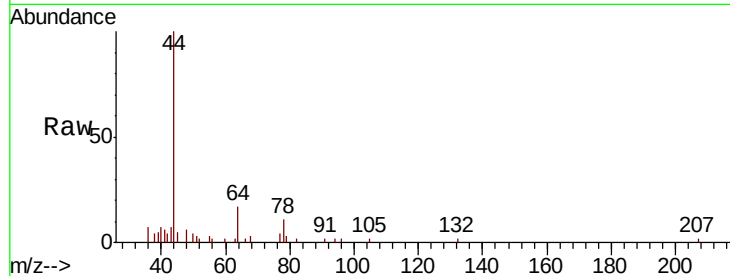
Delta R.T. 0.01 min

Lab File: VU035542.D

Acq: 29 Oct 2019 16:38

Instrument :
MSVOA_U
ClientSampled :

Tot Ion:	96	Resp:	116
Ion	Ratio	Lower	Upper
96	100		
61	0.0	0.0	508.8
98	0.0	0.0	130.4



#10

Iodomethane

Concen: 0.794 ug/l

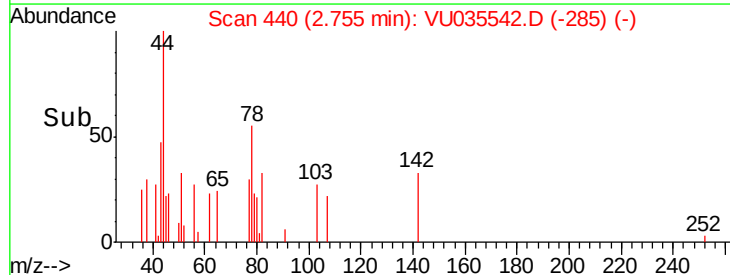
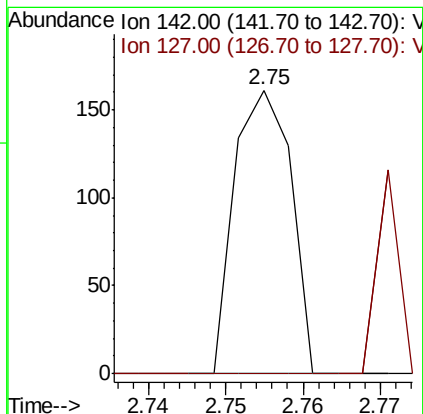
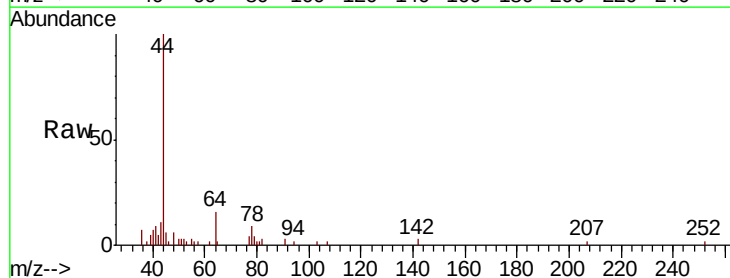
RT: 2.75 min Scan# 440

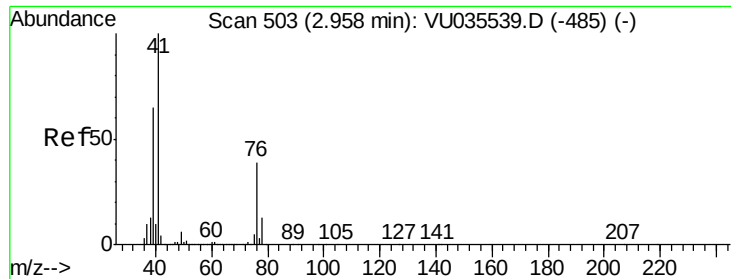
Delta R.T. -0.00 min

Lab File: VU035542.D

Acq: 29 Oct 2019 16:38

Tgt Ion:	142	Resp:	82
Ion	Ratio	Lower	Upper
142	100		
127	26.8	33.4	50.0#

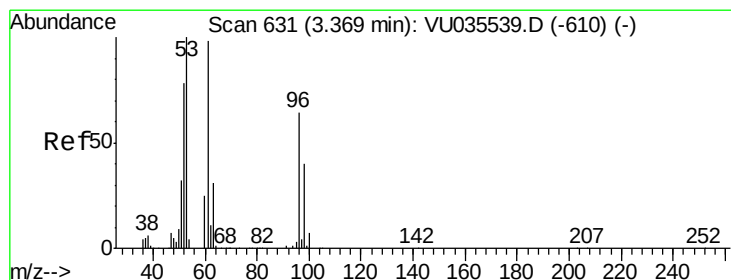
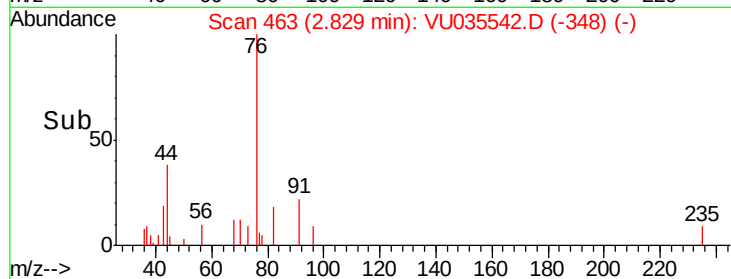
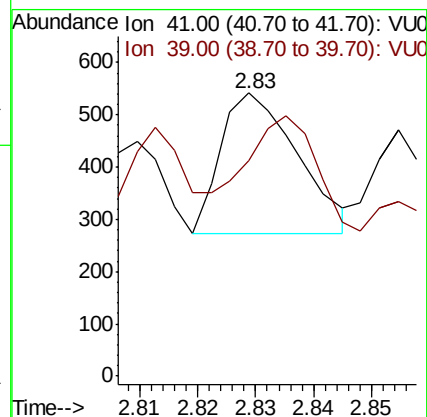
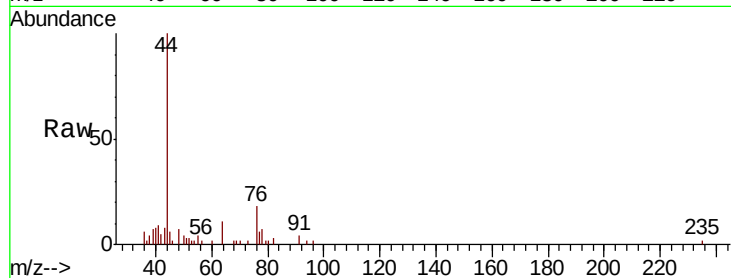




#11
Allvl Chloride
Concen: 0.008 ug/l
RT: 2.83 min Scan# 463
Delta R.T. -0.13 min
Lab File: VU035542.D
Acq: 29 Oct 2019 16:38

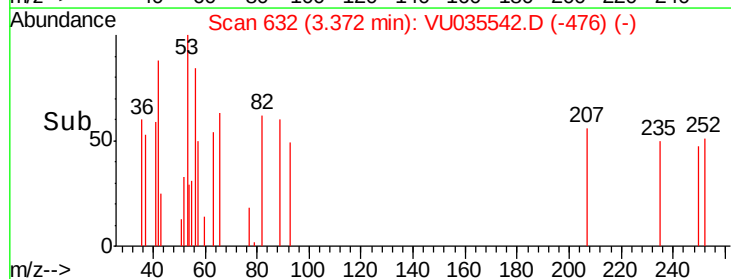
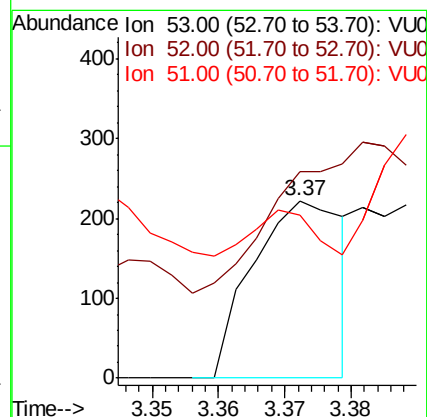
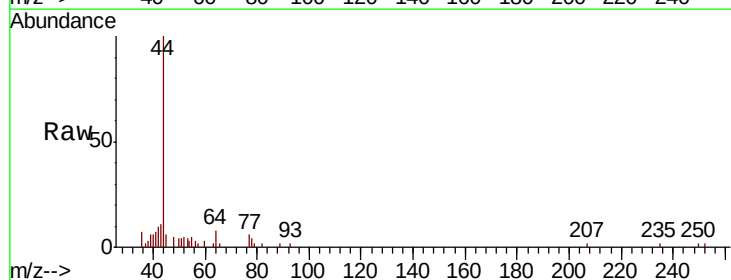
Instrument :
MSVOA_U
ClientSampled :

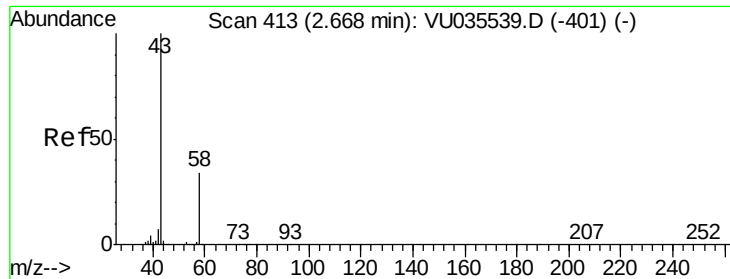
Tot Ion: 41 Resp: 246
Ion Ratio Lower Upper
41 100
39 73.6 52.0 78.0



#12
Acrylonitrile
Concen: 0.044 ug/l
RT: 3.37 min Scan# 632
Delta R.T. 0.00 min
Lab File: VU035542.D
Acq: 29 Oct 2019 16:38

Tgt Ion: 53 Resp: 210
Ion Ratio Lower Upper
53 100
52 0.0 67.4 101.0#
51 28.6 27.0 40.4





#13

Acetone

Concen: 0.478 ug/l

RT: 2.69 min Scan# 421

Delta R.T. 0.03 min

Lab File: VU035542.D

Acq: 29 Oct 2019 16:38

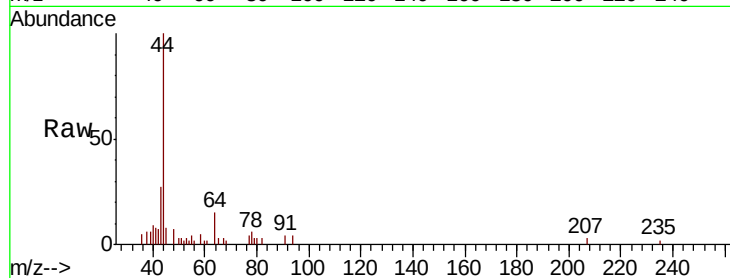
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 2192

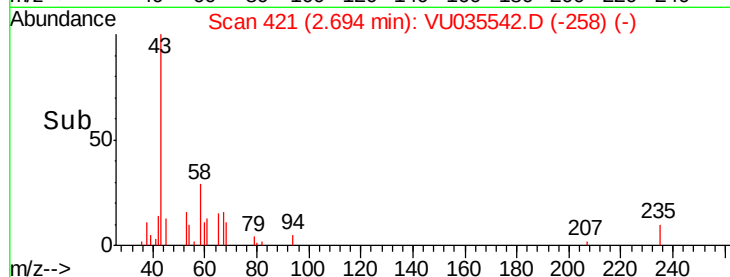
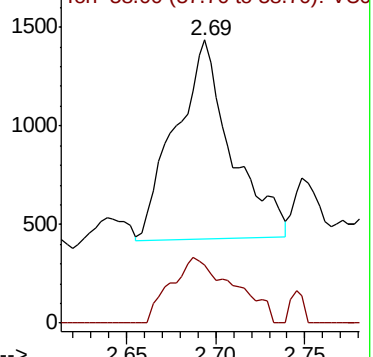
Ion Ratio Lower Upper

43 100

58 29.4 27.6 41.4



Abundance Ion 43.00 (42.70 to 43.70): VU035539.D (-401) (-)



#14

Carbon Disulfide

Concen: 0.030 ug/l

RT: 2.83 min Scan# 463

Delta R.T. 0.01 min

Lab File: VU035542.D

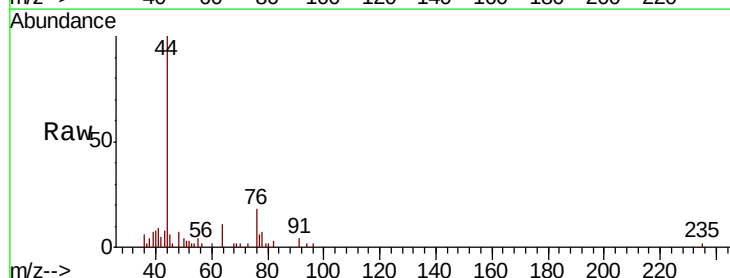
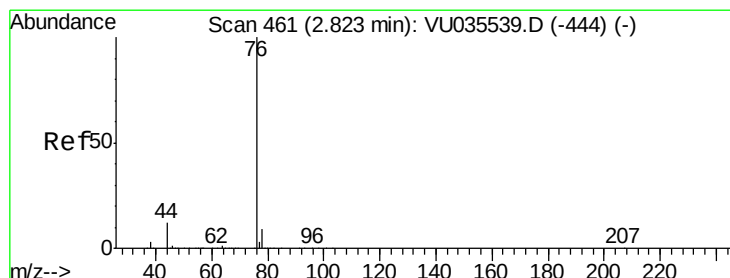
Acq: 29 Oct 2019 16:38

Tgt Ion: 76 Resp: 2010

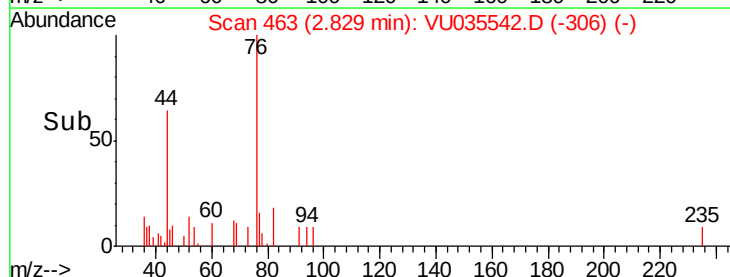
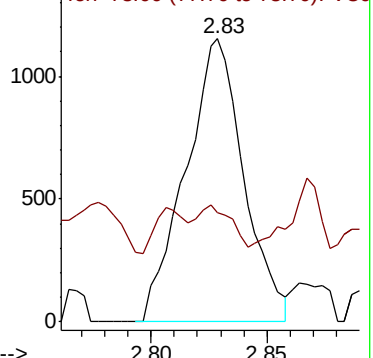
Ion Ratio Lower Upper

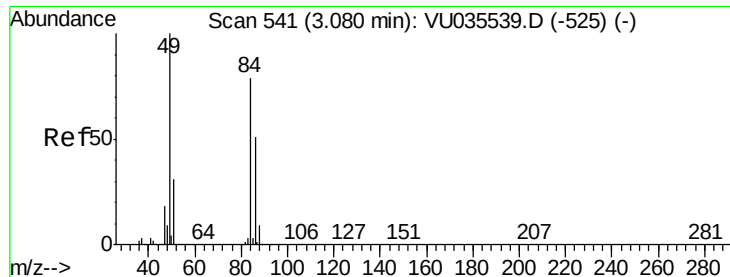
76 100

78 14.1 7.4 11.2#



Abundance Ion 76.00 (75.70 to 76.70): VU035539.D (-444) (-)

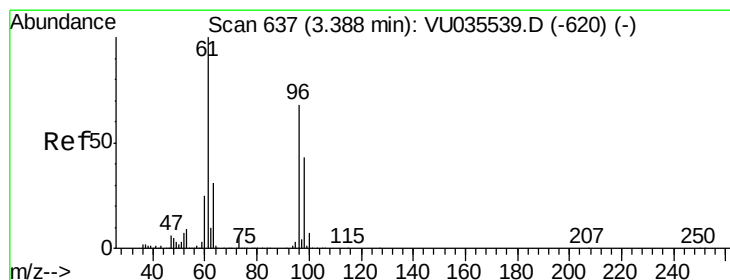
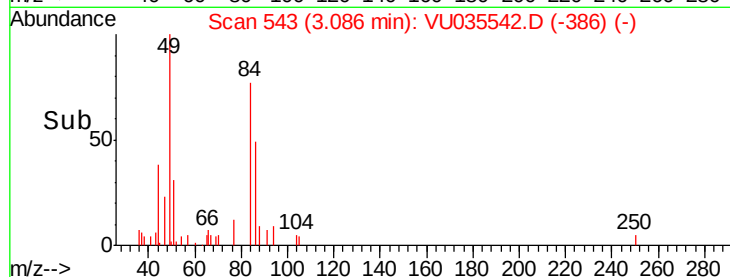
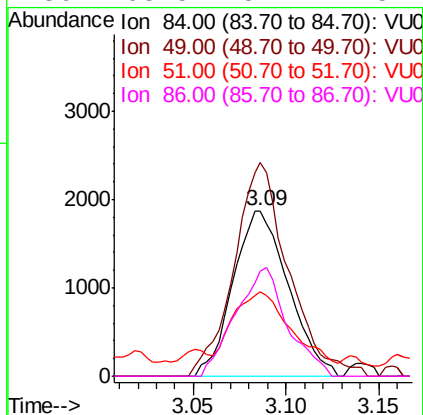
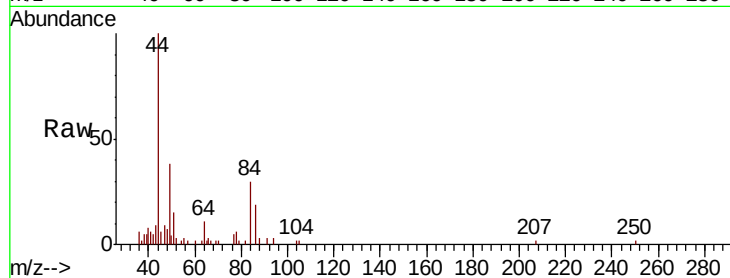




#15
Methylene Chloride
Concen: 0.160 ug/l
RT: 3.09 min Scan# 543
Delta R.T. 0.01 min
Lab File: VU035542.D
Acq: 29 Oct 2019 16:38

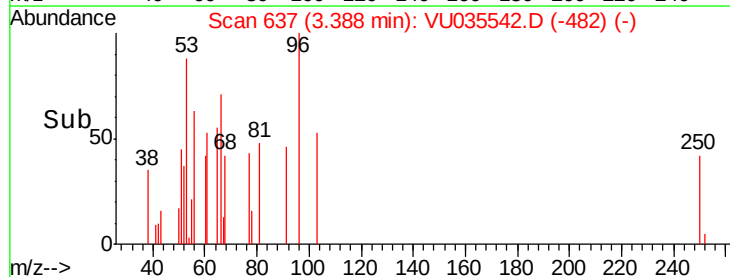
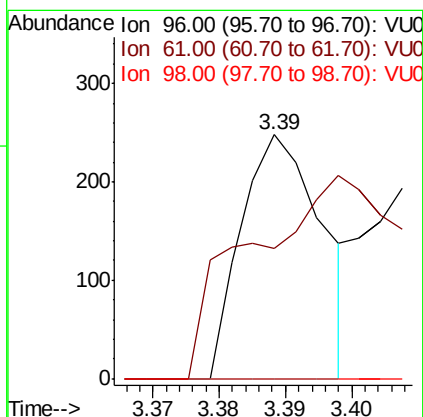
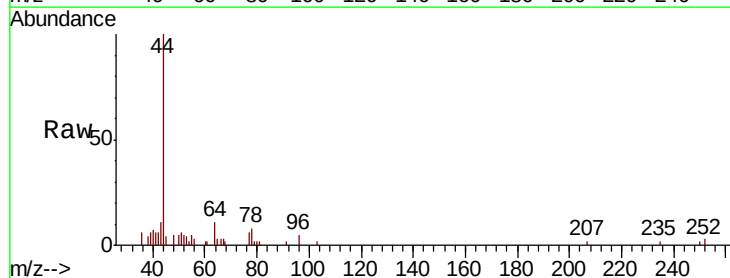
Instrument :
MSVOA_U
ClientSampleId :

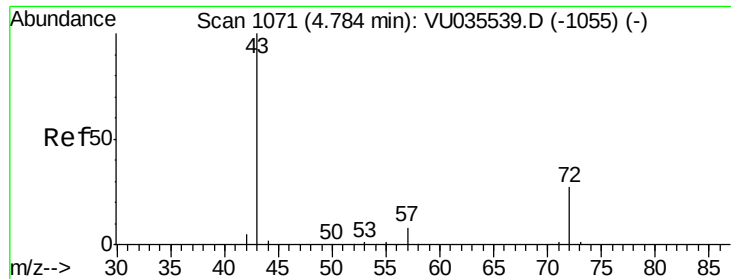
Tot Ion:	84	Resp:	3866
Ion	Ratio	Lower	Upper
84	100		
49	129.1	101.5	152.3
51	42.7	0.0	78.6
86	63.5	52.2	78.2



#16
trans-1,2-Dichloroethene
Concen: 0.010 ug/l
RT: 3.39 min Scan# 637
Delta R.T. -0.00 min
Lab File: VU035542.D
Acq: 29 Oct 2019 16:38

Tgt Ion:	96	Resp:	210
Ion	Ratio	Lower	Upper
96	100		
61	53.2	117.8	176.8#
98	0.0	50.2	75.2#

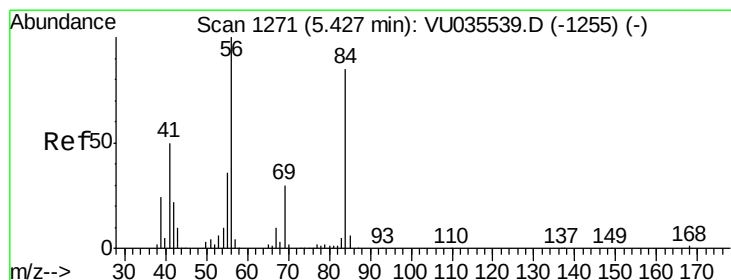
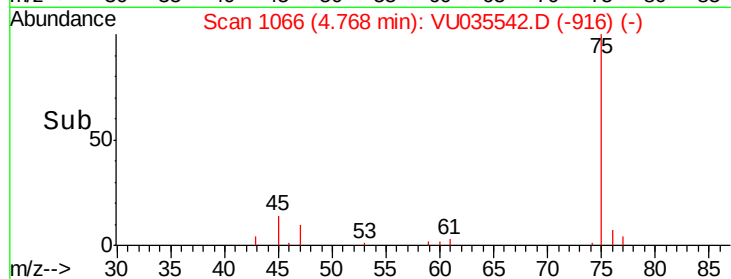
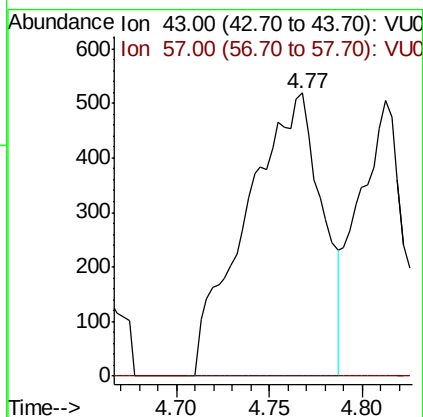
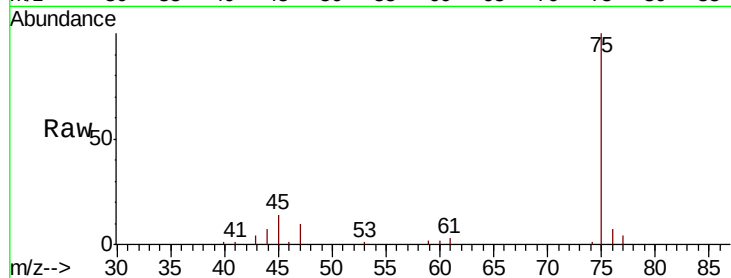




#18
2-Butanone
Concen: 0.248 ug/l
RT: 4.77 min Scan# 1066
Delta R.T. -0.02 min
Lab File: VU035542.D
Acq: 29 Oct 2019 16:38

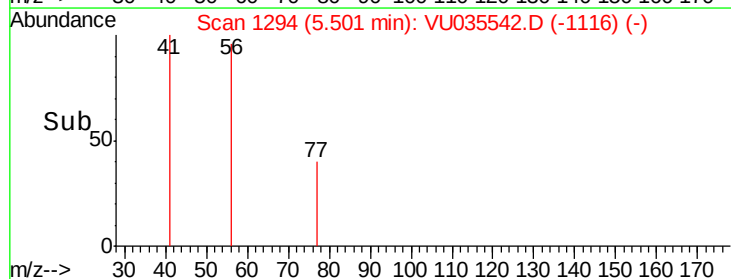
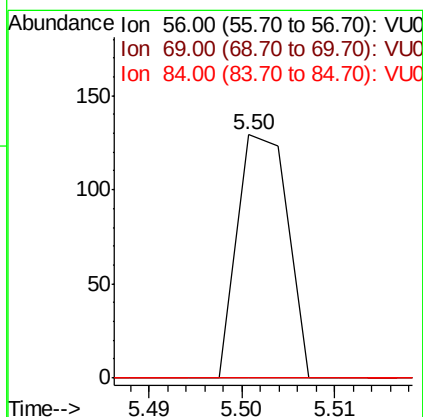
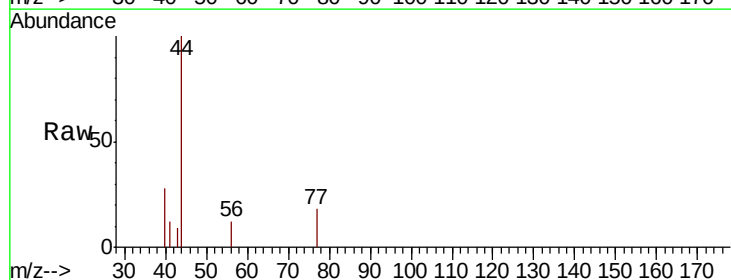
Instrument :
MSVOA_U
ClientSampled :

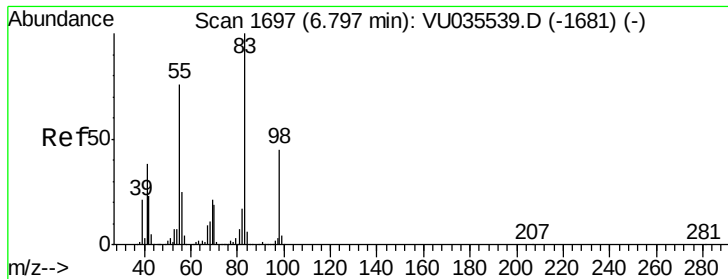
Tot Ion: 43 Resp: 1470
Ion Ratio Lower Upper
43 100
57 0.0 0.0 17.0



#19
Cyclohexane
Concen: 0.002 ug/l
RT: 5.50 min Scan# 1294
Delta R.T. 0.07 min
Lab File: VU035542.D
Acq: 29 Oct 2019 16:38

Tgt Ion: 56 Resp: 49
Ion Ratio Lower Upper
56 100
69 0.0 26.4 39.6#
84 0.0 72.9 109.3#

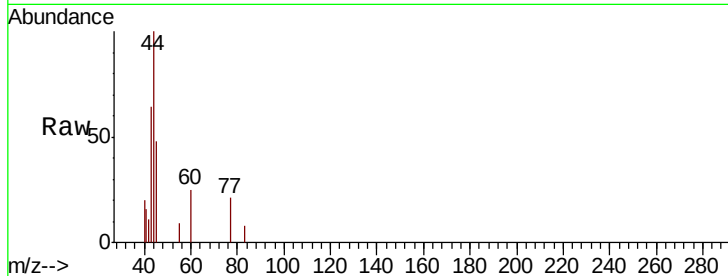




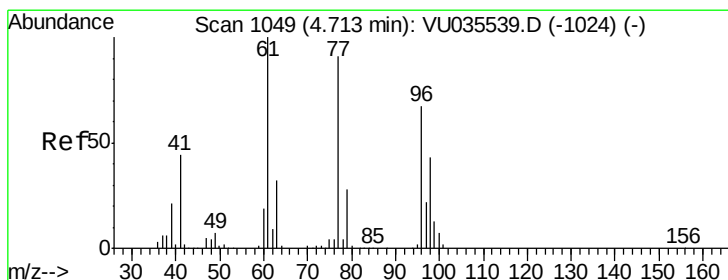
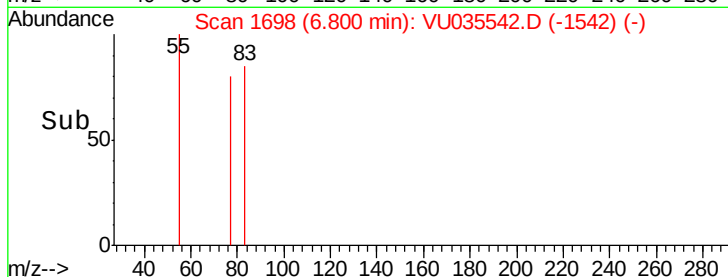
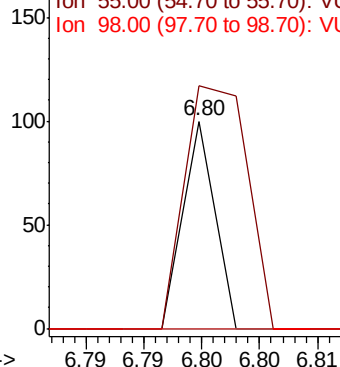
#20
Methvlcvclohexane
Concen: 0.001 ug/l
RT: 6.80 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VU035542.D
Acq: 29 Oct 2019 16:38

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 19
Ion Ratio Lower Upper
83 100
55 231.6 61.2 91.8#
98 0.0 36.7 55.1#

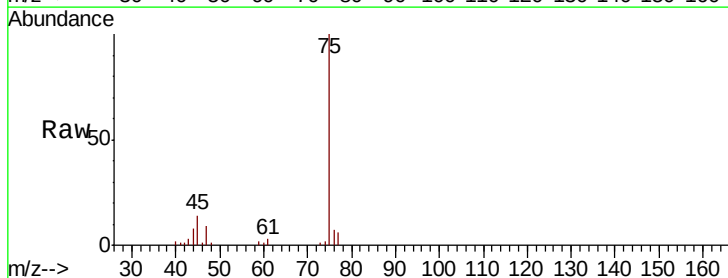


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

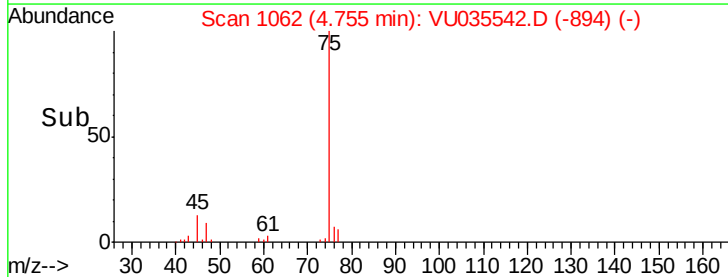
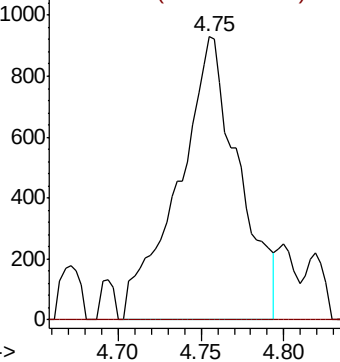


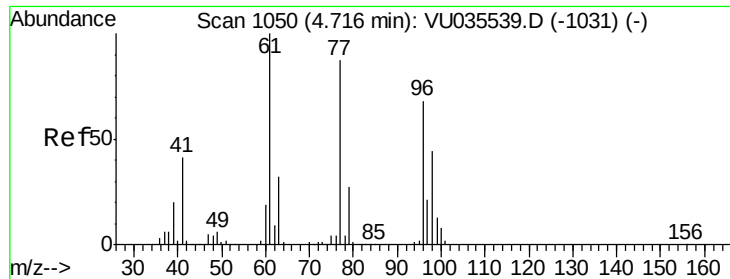
#21
2,2-Dichloropropane
Concen: 0.071 ug/l
RT: 4.75 min Scan# 1062
Delta R.T. 0.04 min
Lab File: VU035542.D
Acq: 29 Oct 2019 16:38

Tgt Ion: 77 Resp: 2359
Ion Ratio Lower Upper
77 100
97 0.0 18.8 28.2#



Abundance Ion 77.00 (76.70 to 77.70): VU0
Ion 97.00 (96.70 to 97.70): VU0

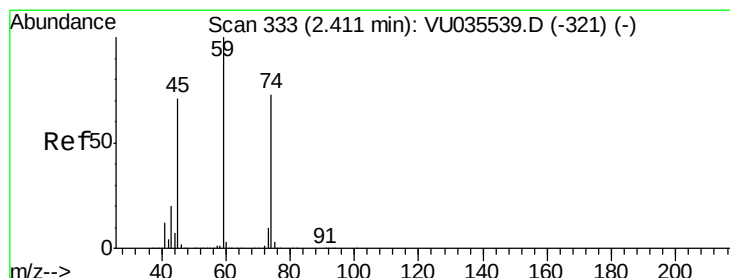
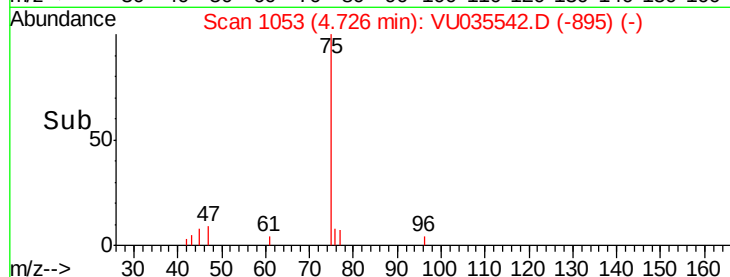
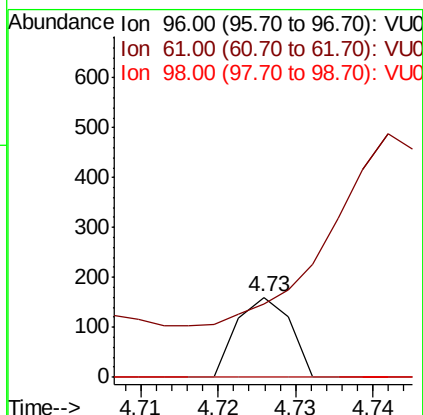
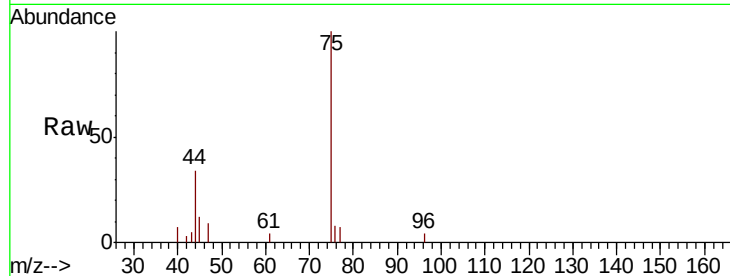




#22
 cis-1,2-Dichloroethene
 Concen: 0.003 ug/l
 RT: 4.73 min Scan# 1053
 Delta R.T. 0.01 min
 Lab File: VU035542.D
 Acq: 29 Oct 2019 16:38

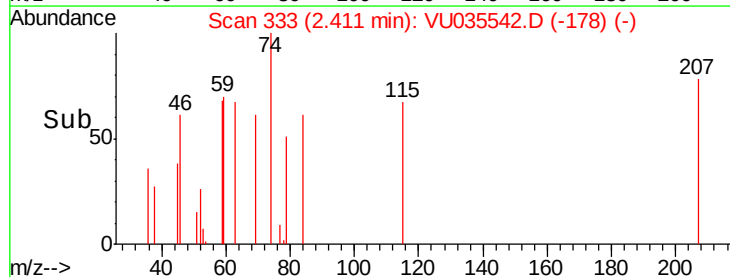
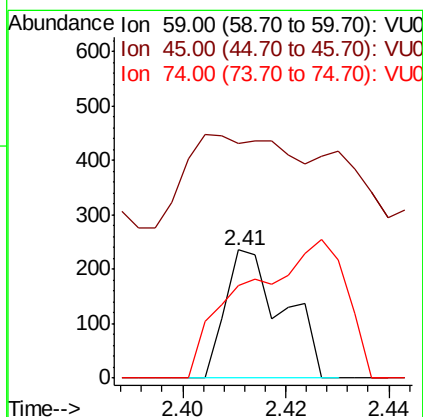
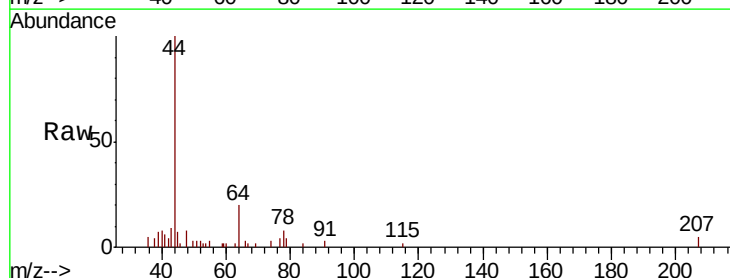
Instrument :
 MSVOA_U
 ClientSampled :

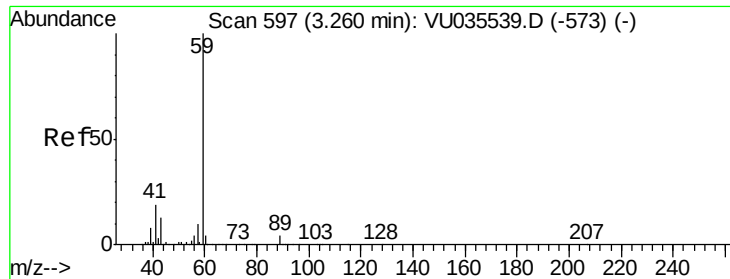
Tot Ion: 96 Resp: 77
 Ion Ratio Lower Upper
 96 100
 61 713.0 0.0 370.5#
 98 0.0 31.8 95.4#



#23
 Diethyl Ether
 Concen: 0.012 ug/l
 RT: 2.41 min Scan# 333
 Delta R.T. -0.00 min
 Lab File: VU035542.D
 Acq: 29 Oct 2019 16:38

Tgt Ion: 59 Resp: 182
 Ion Ratio Lower Upper
 59 100
 45 132.4 56.9 85.3#
 74 187.9 59.5 89.3#





#24

tert-Butyl Alcohol

Concen: 1.983 ug/l

RT: 3.23 min Scan# 589

Delta R.T. -0.03 min

Lab File: VU035542.D

Acq: 29 Oct 2019 16:38

Instrument :

MSVOA_U

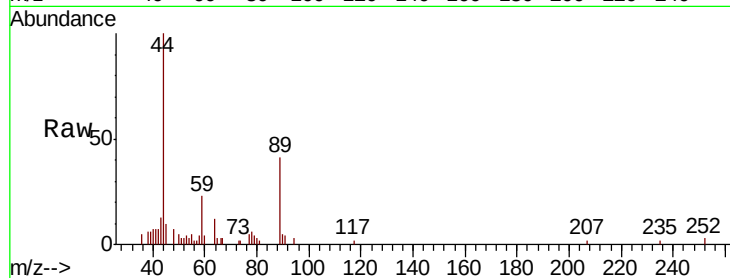
ClientSampled :

Tot Ion: 59 Resp: 3428

Ion Ratio Lower Upper

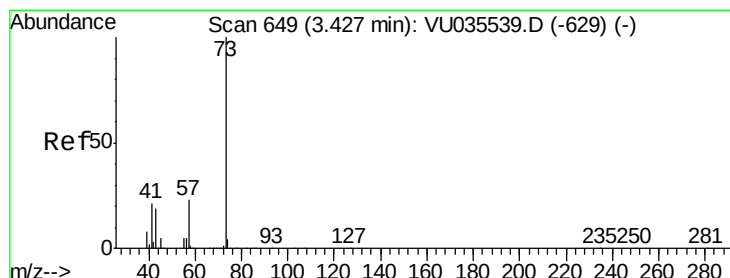
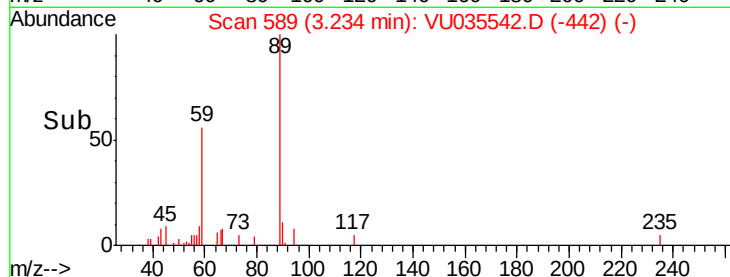
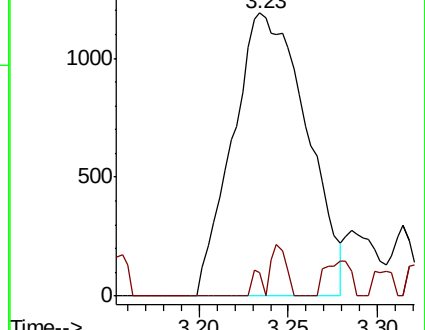
59 100

57 5.0 7.4 11.0#



Abundance Ion 59.00 (58.70 to 59.70): VU035539.D (-573) (-)

Ion 57.00 (56.70 to 57.70): VU035539.D (-573) (-)



#25

Methyl tert-Butyl Ether

Concen: 0.000 ug/l

RT: 3.44 min Scan# 654

Delta R.T. 0.02 min

Lab File: VU035542.D

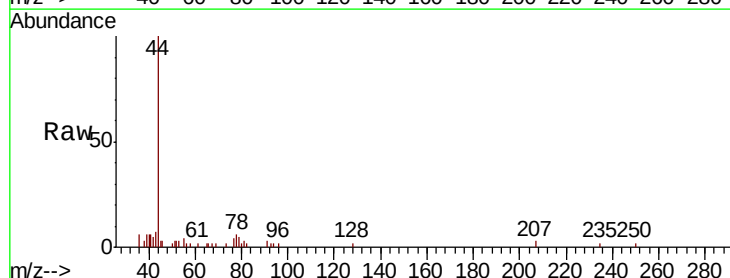
Acq: 29 Oct 2019 16:38

Tgt Ion: 73 Resp: 20

Ion Ratio Lower Upper

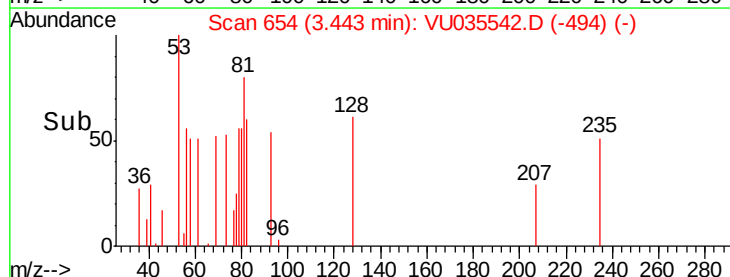
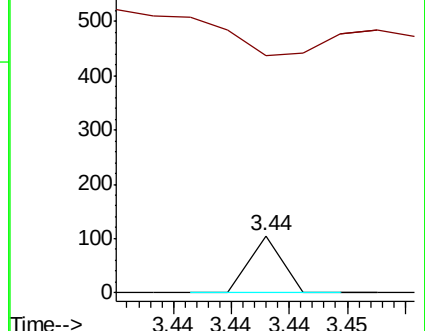
73 100

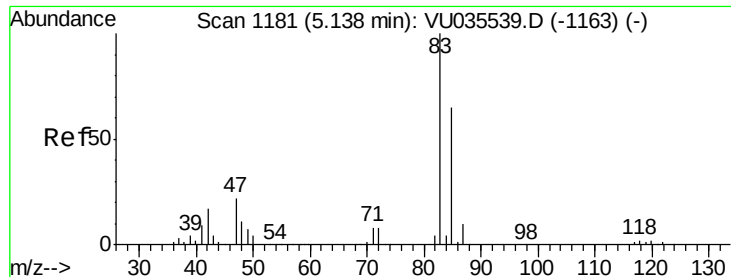
43 0.0 15.4 23.2#



Abundance Ion 73.00 (72.70 to 73.70): VU035539.D (-629) (-)

Ion 43.00 (42.70 to 43.70): VU035539.D (-629) (-)

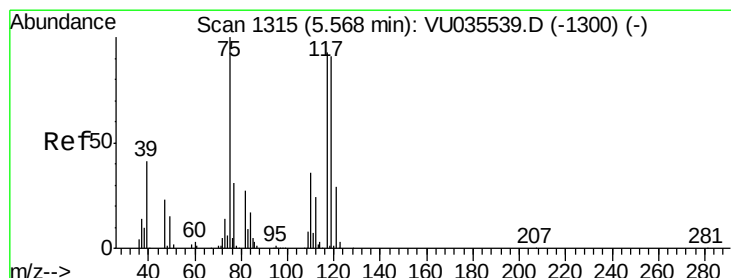
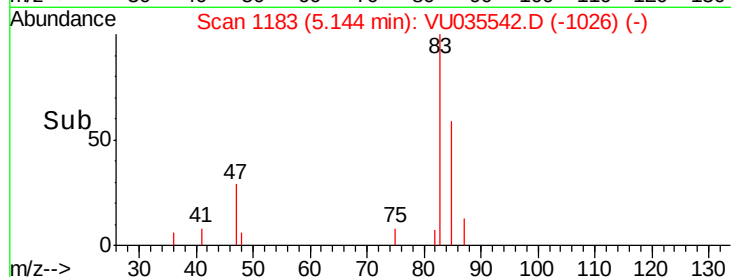
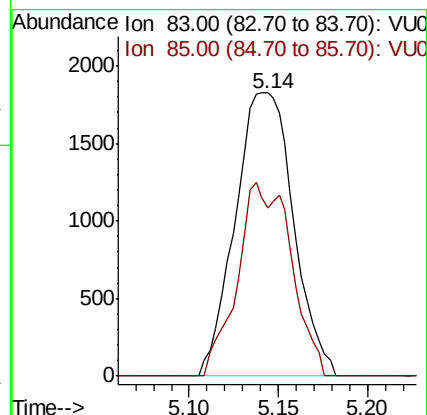
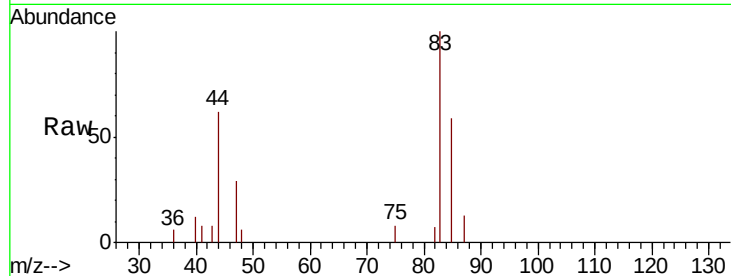




#27
Chloroform
Concen: 0.100 ug/l
RT: 5.14 min Scan# 1183
Delta R.T. 0.01 min
Lab File: VU035542.D
Acq: 29 Oct 2019 16:38

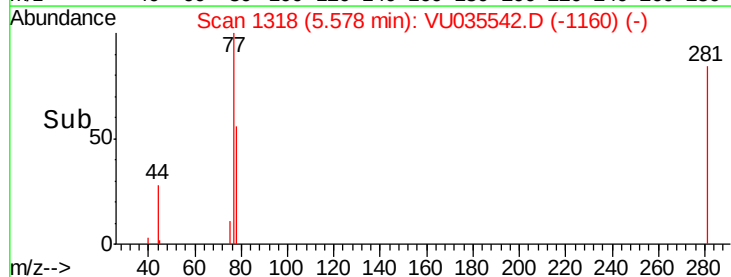
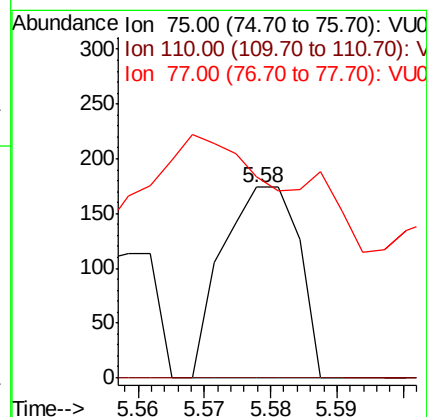
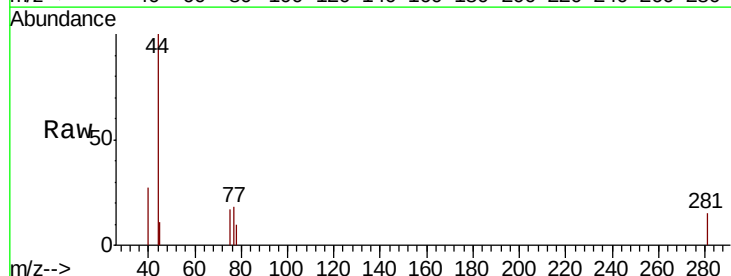
Instrument :
MSVOA_U
ClientSampleId :

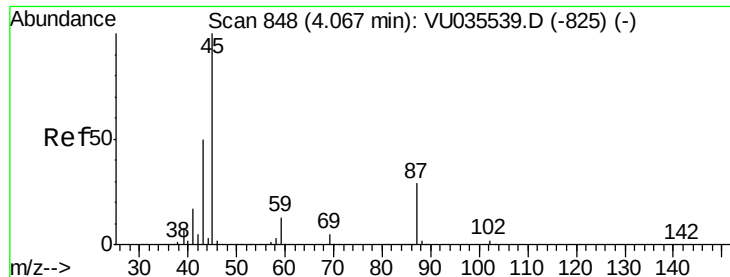
Tot Ion: 83 Resp: 4155
Ion Ratio Lower Upper
83 100
85 59.2 0.0 130.6



#29
1,1-Dichloropropene
Concen: 0.005 ug/l
RT: 5.58 min Scan# 1318
Delta R.T. 0.01 min
Lab File: VU035542.D
Acq: 29 Oct 2019 16:38

Tgt Ion: 75 Resp: 139
Ion Ratio Lower Upper
75 100
110 0.0 18.3 54.8#
77 351.1 24.6 37.0#

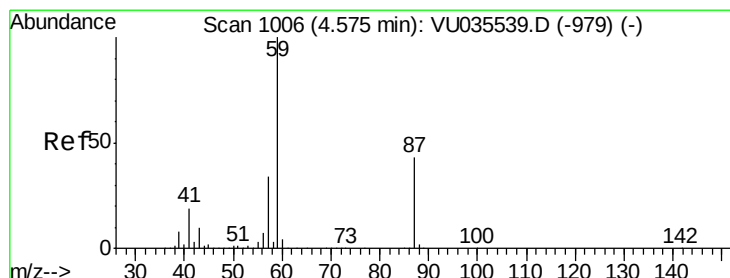
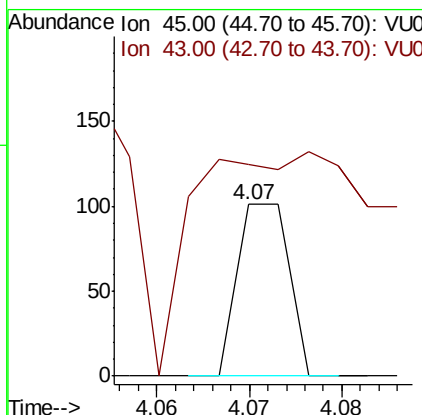
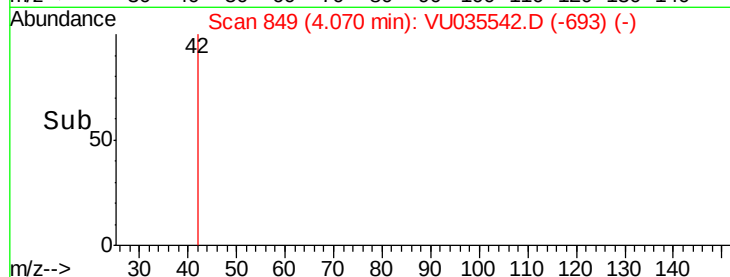
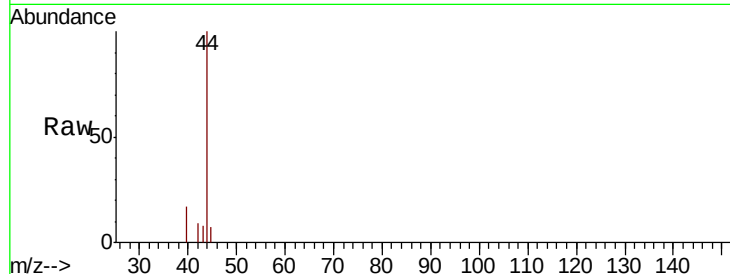




#31
Isopropyl Ether
Concen: 0.001 ug/l
RT: 4.07 min Scan# 849
Delta R.T. 0.00 min
Lab File: VU035542.D
Acq: 29 Oct 2019 16:38

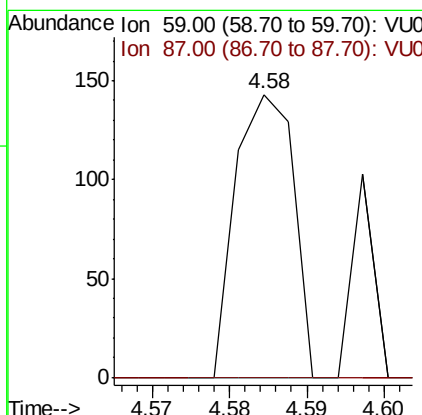
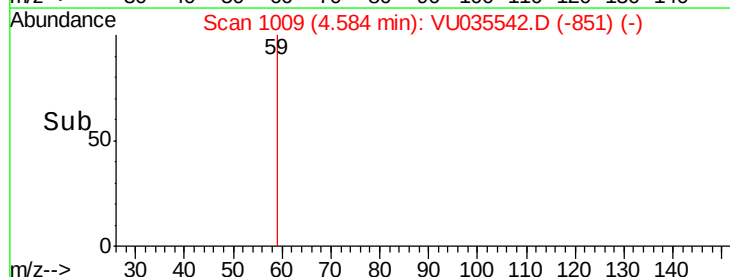
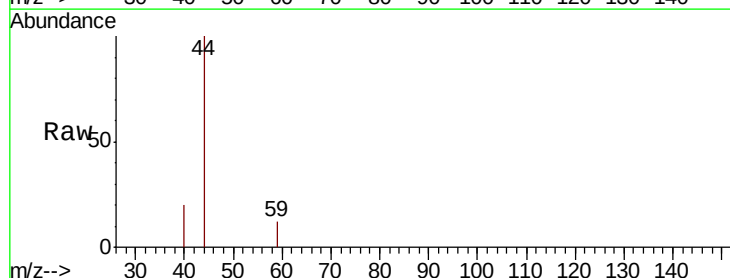
Instrument :
MSVOA_U
ClientSampled :

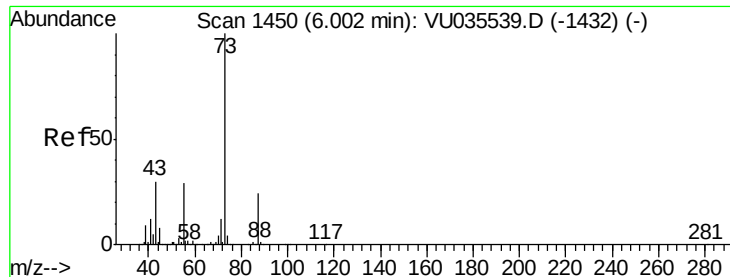
Tot Ion: 45 Resp: 39
Ion Ratio Lower Upper
45 100
43 412.8 25.3 75.8#



#32
Ethyl-t-butyl ether
Concen: 0.001 ug/l
RT: 4.58 min Scan# 1009
Delta R.T. 0.01 min
Lab File: VU035542.D
Acq: 29 Oct 2019 16:38

Tgt Ion: 59 Resp: 75
Ion Ratio Lower Upper
59 100
87 0.0 33.9 50.9#





#33

Tert-Butyl methyl ether

Concen: 0.021 ug/l

RT: 6.16 min Scan# 1499

Delta R.T. 0.16 min

Lab File: VU035542.D

Acq: 29 Oct 2019 16:38

Instrument :
MSVOA_U
ClientSampleId :

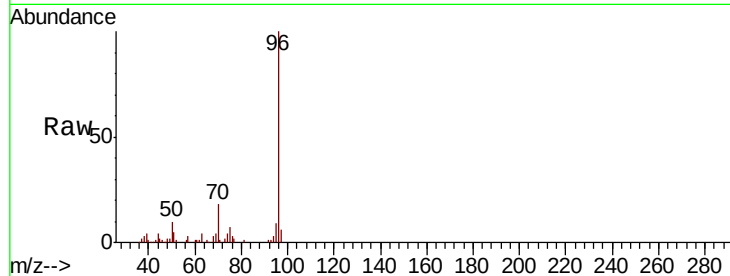
Tot Ion: 73 Resp: 886

Ion Ratio Lower Upper

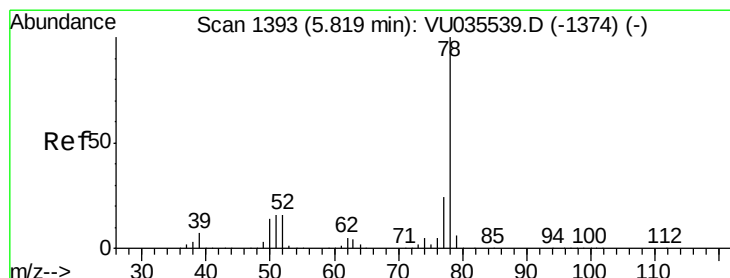
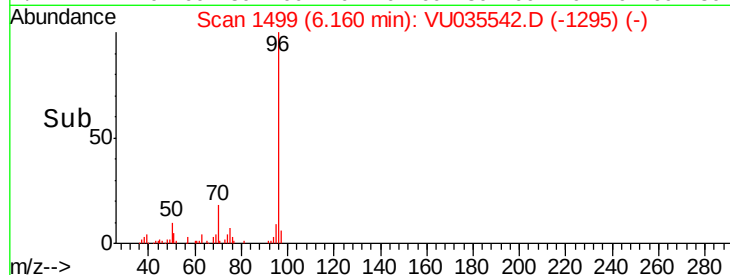
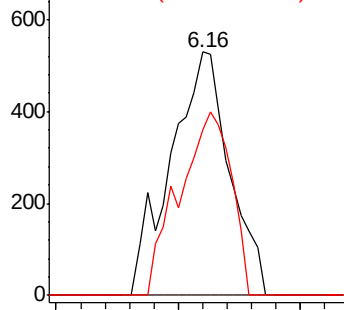
73 100

87 0.0 19.5 29.3#

71 67.0 9.4 14.2#



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



#35

Benzene

Concen: 0.001 ug/l

RT: 5.57 min Scan# 1316

Delta R.T. -0.25 min

Lab File: VU035542.D

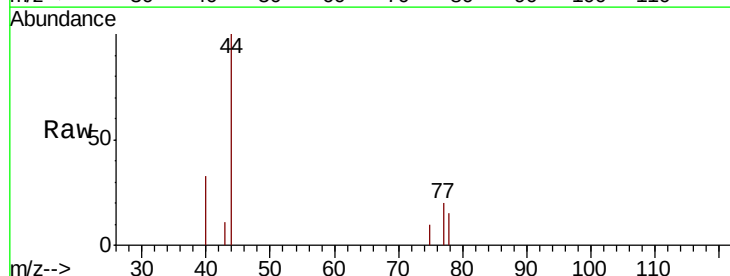
Acq: 29 Oct 2019 16:38

Tgt Ion: 78 Resp: 80

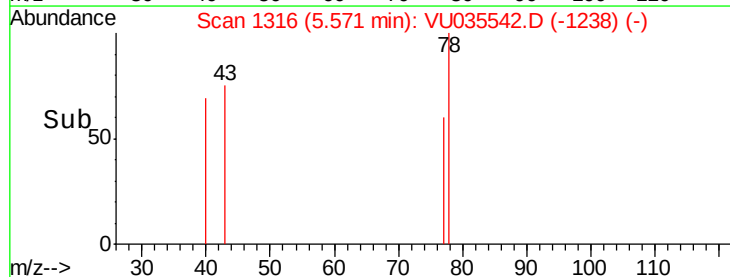
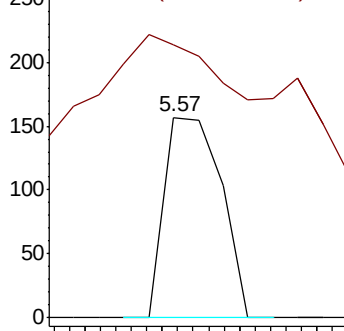
Ion Ratio Lower Upper

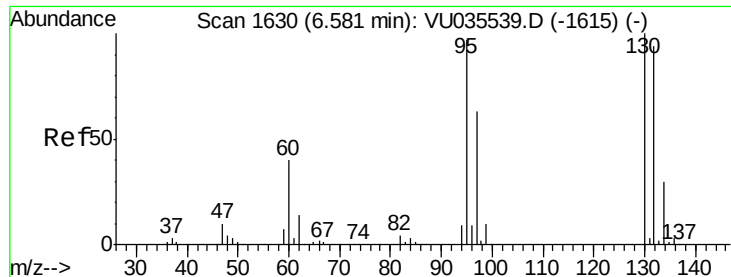
78 100

77 26.8 19.0 28.4



Abundance Ion 78.10 (77.80 to 78.80): VU0
Ion 77.00 (76.70 to 77.70): VU0





#37

Trichloroethene

Concen: 0.005 ug/l

RT: 6.58 min Scan# 1631

Delta R.T. 0.00 min

Lab File: VU035542.D

Acq: 29 Oct 2019 16:38

Instrument :

MSVOA_U

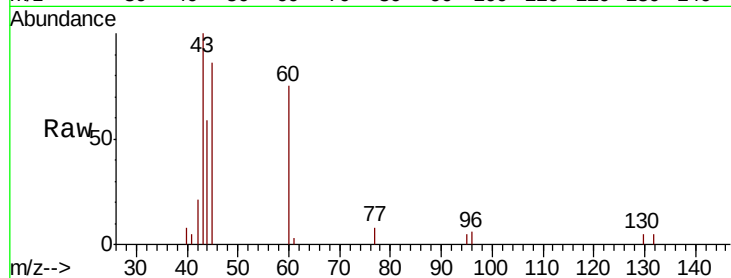
ClientSampleId :

Tot Ion:130 Resp: 113

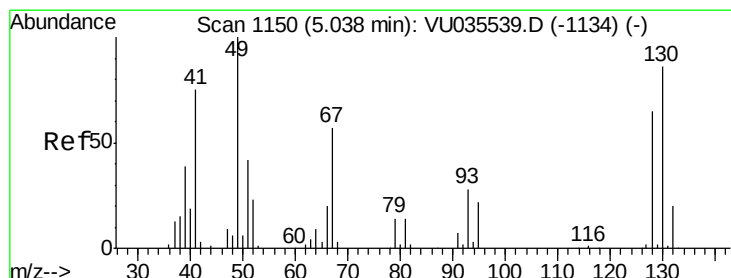
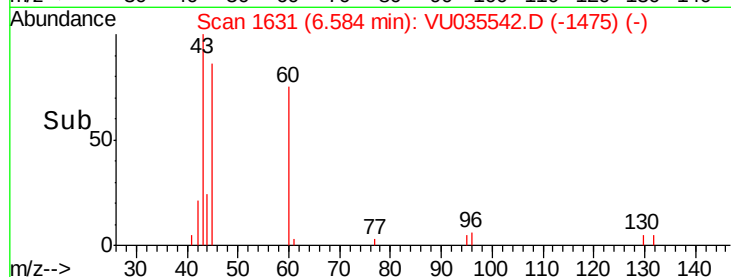
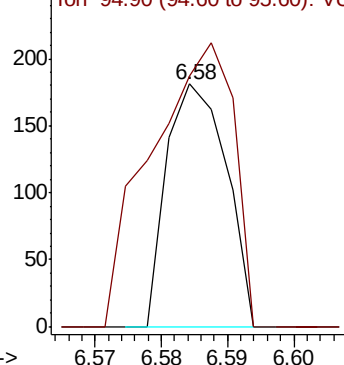
Ion Ratio Lower Upper

130 100

95 103.3 77.5 116.3



Abundance Ion 129.90 (129.60 to 130.60): VU035539.D (-1615) (-)



#39

Methacrylonitrile

Concen: 0.013 ug/l

RT: 5.03 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VU035542.D

Acq: 29 Oct 2019 16:38

Tgt Ion: 41 Resp: 82

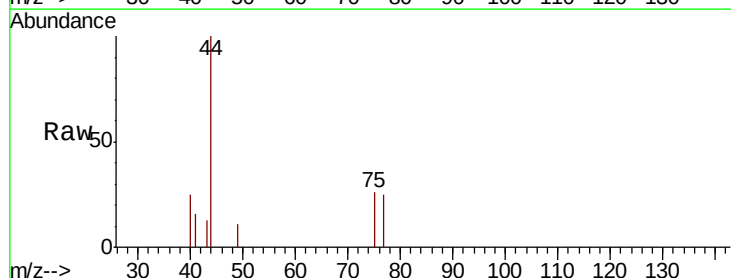
Ion Ratio Lower Upper

41 100

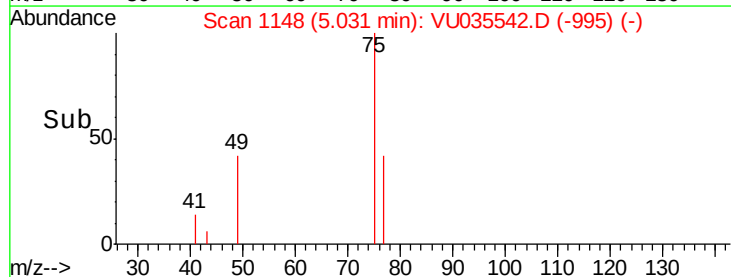
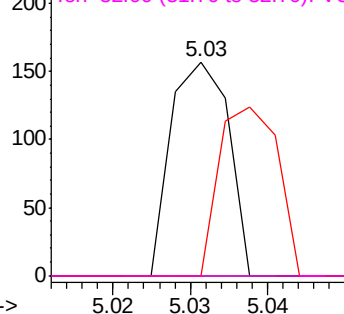
67 0.0 61.5 92.3#

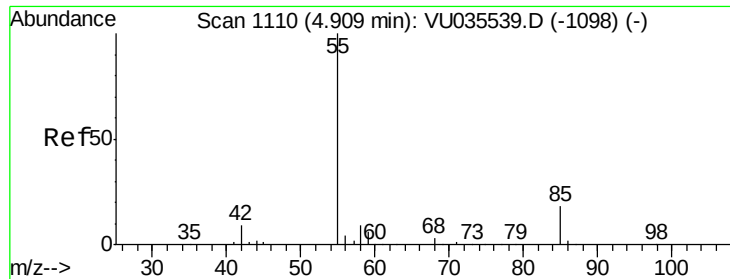
39 80.5 41.3 61.9#

52 0.0 24.4 36.6#



Abundance Ion 41.00 (40.70 to 41.70): VU035539.D (-1134) (-)

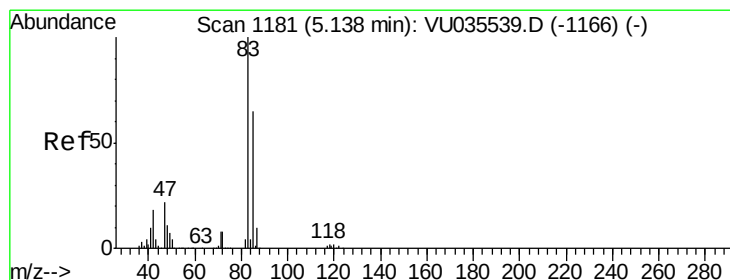
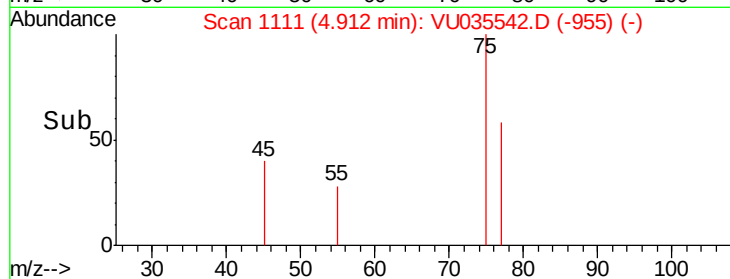
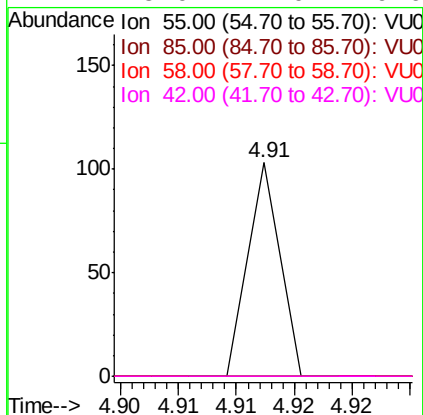
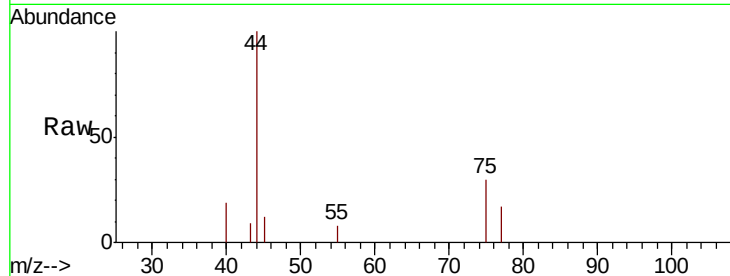




#40
Methvl acrylate
Concen: 0.002 ug/l
RT: 4.91 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VU035542.D
Acq: 29 Oct 2019 16:38

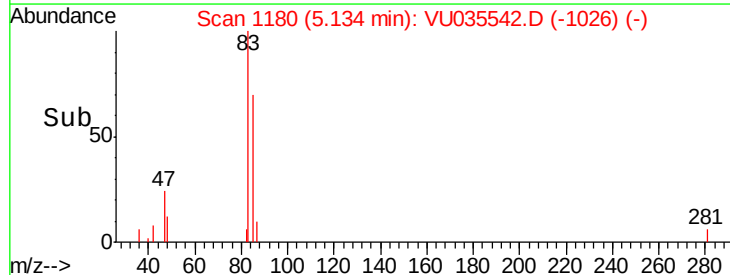
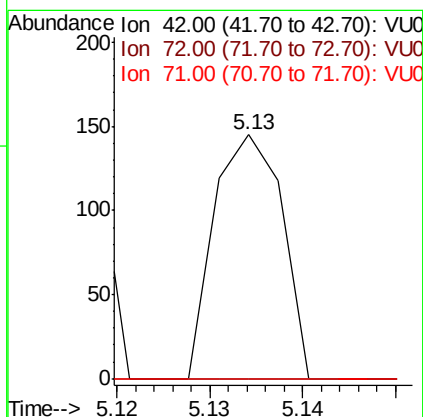
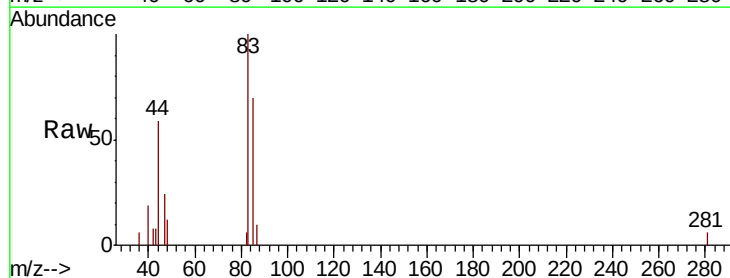
Instrument :
MSVOA_U
ClientSampleId :

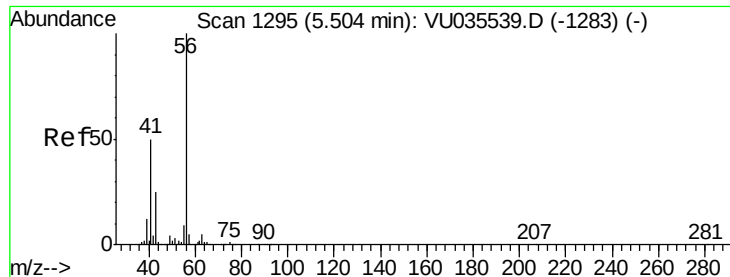
Tot Ion: 55 Resp: 20
Ion Ratio Lower Upper
55 100
85 0.0 13.5 20.3#
58 0.0 6.6 10.0#
42 245.0 7.0 10.6#



#41
Tetrahydrofuran
Concen: 0.022 ug/l
RT: 5.13 min Scan# 1180
Delta R.T. -0.00 min
Lab File: VU035542.D
Acq: 29 Oct 2019 16:38

Tgt Ion: 42 Resp: 74
Ion Ratio Lower Upper
42 100
72 0.0 89.9 134.9#
71 0.0 3.7 5.5#

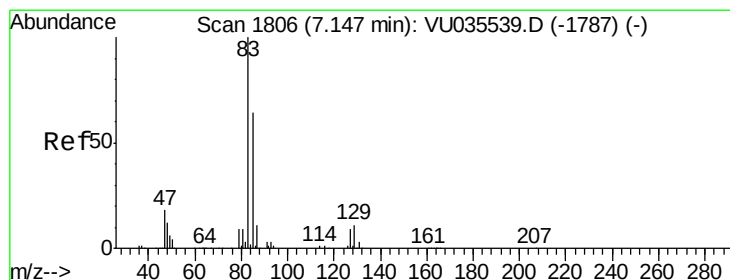
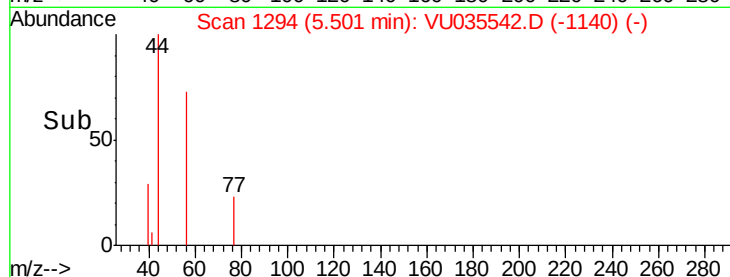
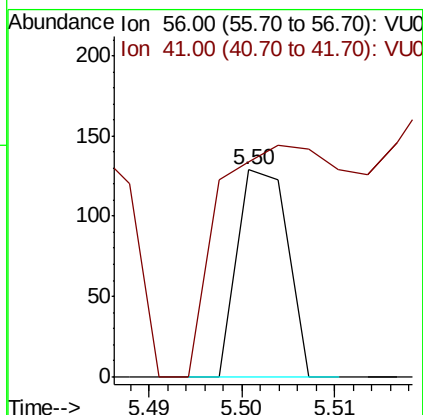
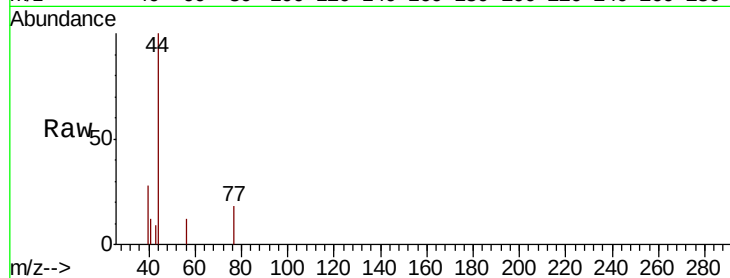




#42
 1-Chlorobutane
 Concen: 0.001 ug/l
 RT: 5.50 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VU035542.D
 Acq: 29 Oct 2019 16:38

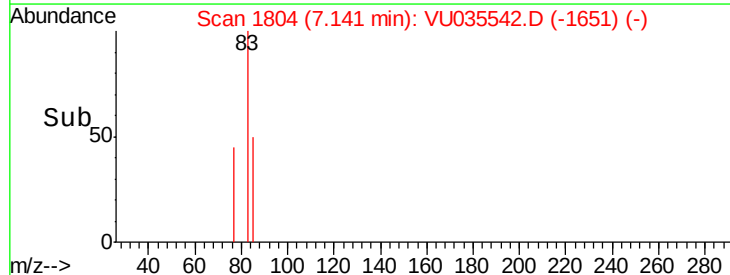
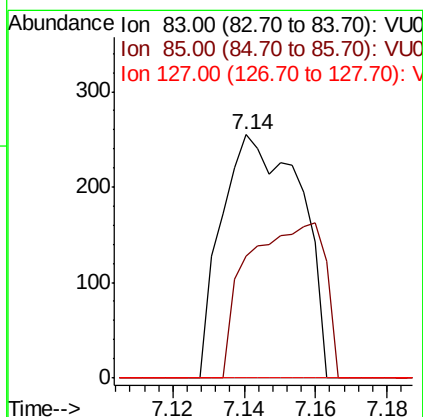
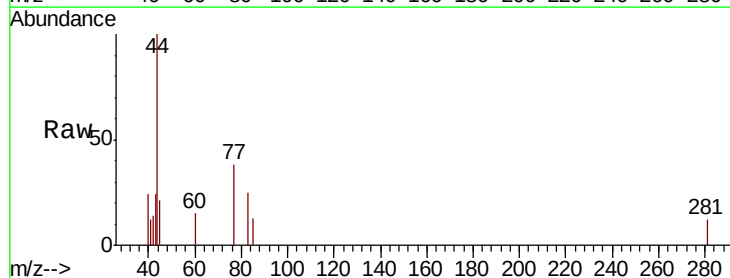
Instrument :
 MSVOA_U
 ClientSampled :

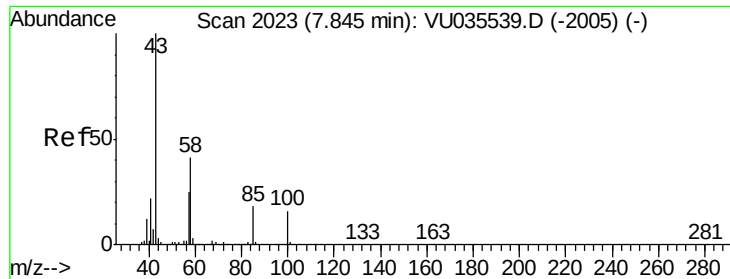
Tot Ion: 56 Resp: 49
 Ion Ratio Lower Upper
 56 100
 41 314.3 25.5 76.5#



#44
 Bromodichloromethane
 Concen: 0.014 ug/l
 RT: 7.14 min Scan# 1804
 Delta R.T. -0.01 min
 Lab File: VU035542.D
 Acq: 29 Oct 2019 16:38

Tgt Ion: 83 Resp: 389
 Ion Ratio Lower Upper
 83 100
 85 50.2 51.6 77.4#
 127 0.0 7.0 10.4#

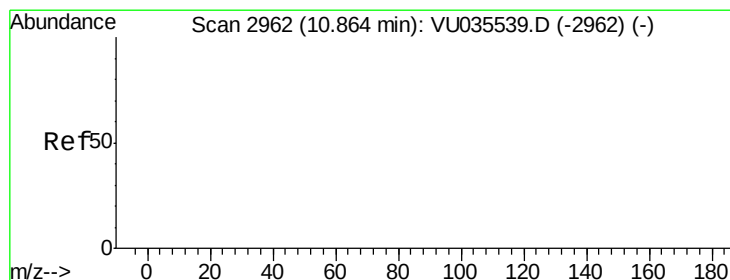
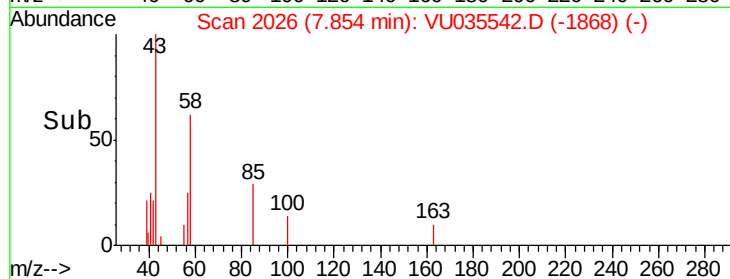
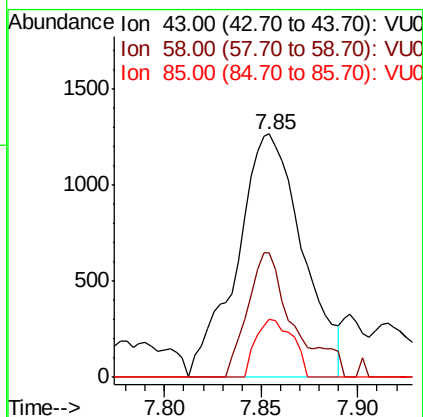
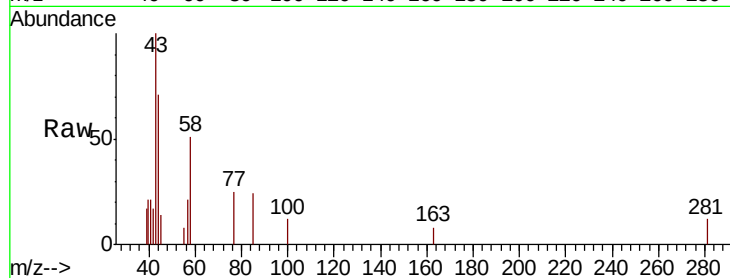




#45
4-Methyl-2-Pentanone
Concen: 0.244 ug/l
RT: 7.85 min Scan# 2026
Delta R.T. 0.01 min
Lab File: VU035542.D
Acq: 29 Oct 2019 16:38

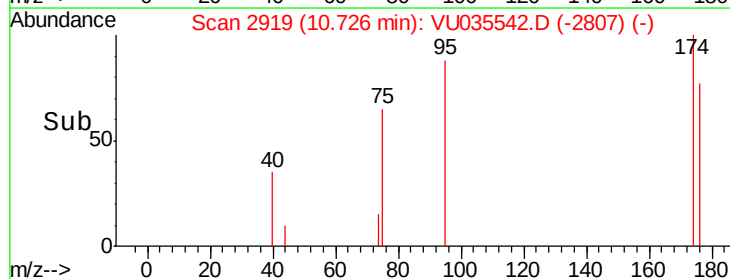
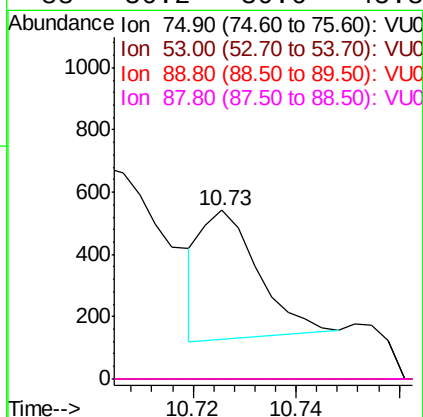
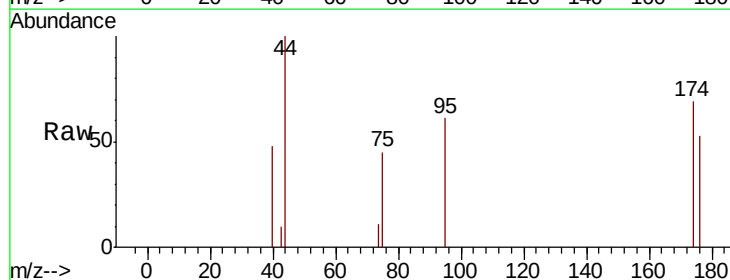
Instrument :
MSVOA_U
ClientSampleId :

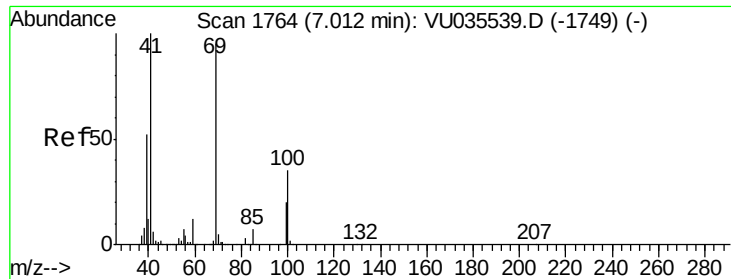
Tot Ion: 43 Resp: 2987
Ion Ratio Lower Upper
43 100
58 35.8 20.6 61.8
85 13.4 14.5 21.7#



#46
t-1,4-Dichloro-2-butene
Concen: 0.071 ug/l
RT: 10.73 min Scan# 2919
Delta R.T. -0.14 min
Lab File: VU035542.D
Acq: 29 Oct 2019 16:38

Tgt Ion: 75 Resp: 318
Ion Ratio Lower Upper
75 100
53 0.0 54.1 81.1#
89 0.0 38.2 57.4#
88 36.2 30.6 45.8





#47

Methyl methacrylate

Concen: 0.002 ug/l

RT: 7.04 min Scan# 1772

Delta R.T. 0.03 min

Lab File: VU035542.D

Acq: 29 Oct 2019 16:38

Instrument :

MSVOA_U

ClientSampled :

Tot Ion: 69 Resp: 20

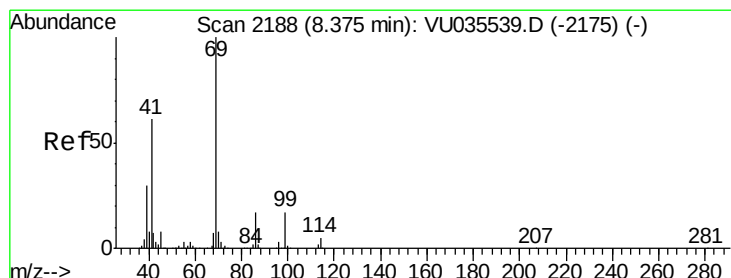
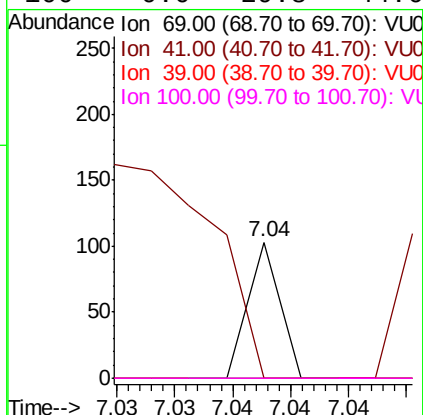
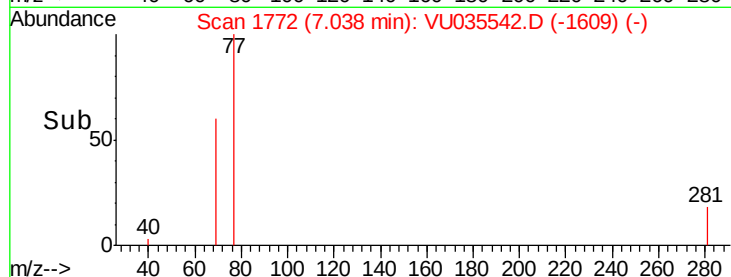
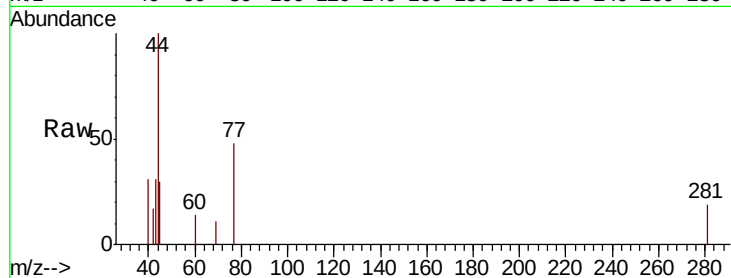
Ion Ratio Lower Upper

69 100

41 1185.0 0.0 216.8#

39 340.0 45.1 67.7#

100 0.0 29.8 44.6#



#48

Ethyl methacrylate

Concen: 0.011 ug/l

RT: 8.39 min Scan# 2194

Delta R.T. 0.02 min

Lab File: VU035542.D

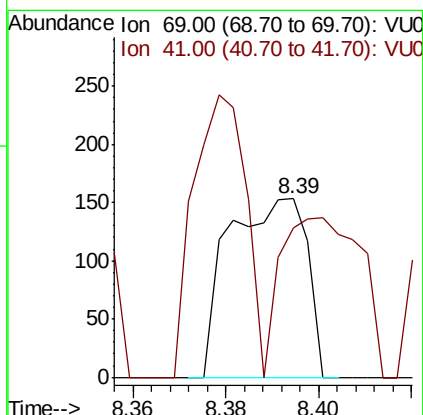
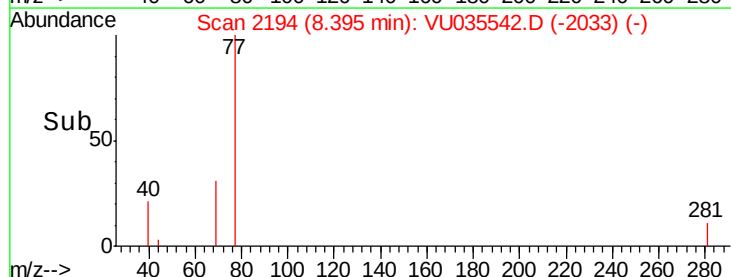
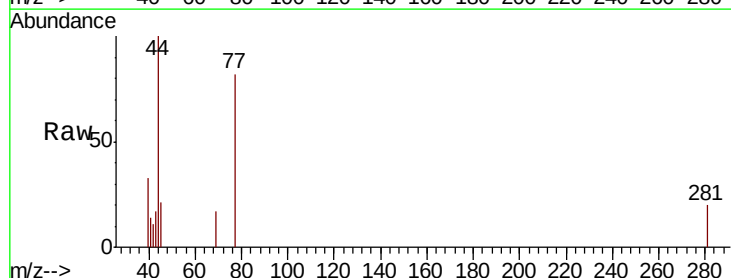
Acq: 29 Oct 2019 16:38

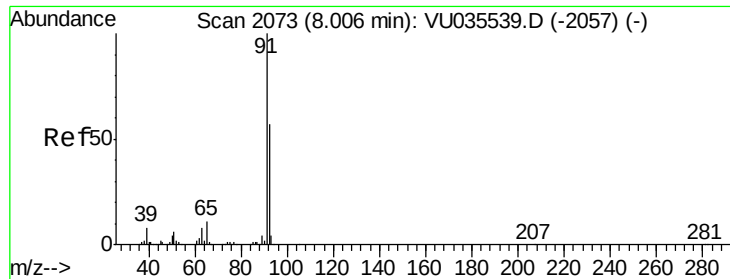
Tgt Ion: 69 Resp: 181

Ion Ratio Lower Upper

69 100

41 90.6 30.4 91.2





#49

Toluene

Concen: 0.007 ug/l

RT: 8.01 min Scan# 2075

Delta R.T. 0.01 min

Lab File: VU035542.D

Acq: 29 Oct 2019 16:38

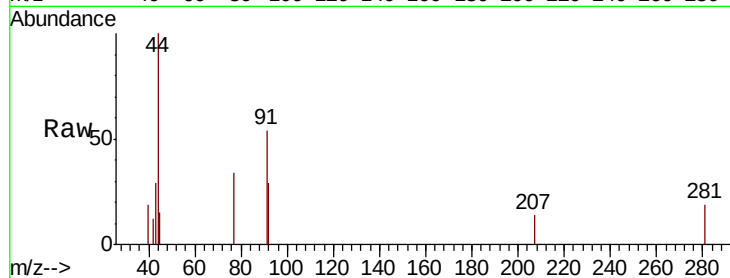
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 92 Resp: 337

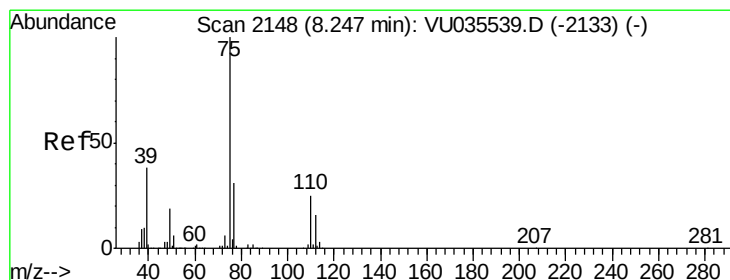
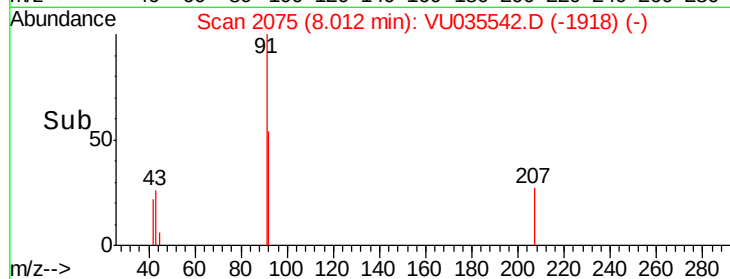
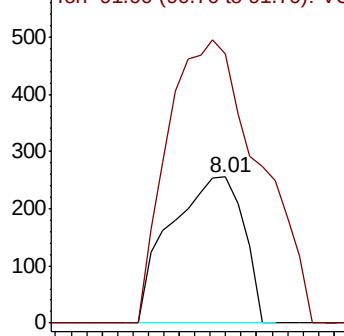
Ion Ratio Lower Upper

92 100

91 241.8 141.4 212.0#



Abundance Ion 92.00 (91.70 to 92.70): VU035539.D (-2057) (-)



#50

t-1,3-Dichloropropene

Concen: 0.007 ug/l

RT: 8.25 min Scan# 2150

Delta R.T. 0.01 min

Lab File: VU035542.D

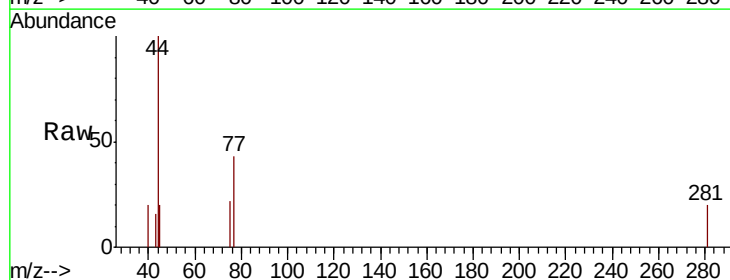
Acq: 29 Oct 2019 16:38

Tgt Ion: 75 Resp: 170

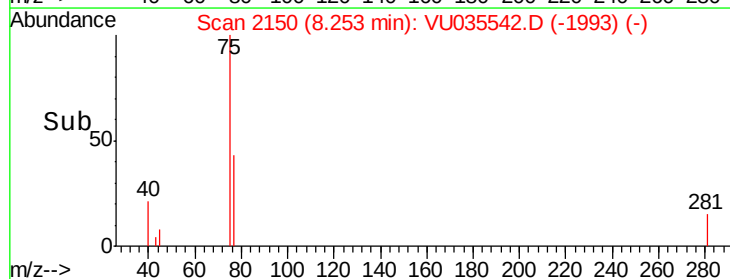
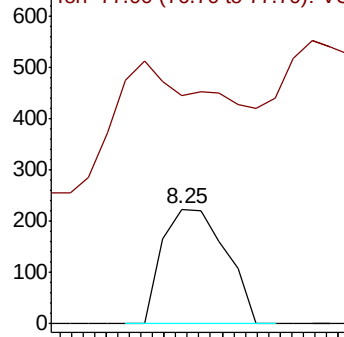
Ion Ratio Lower Upper

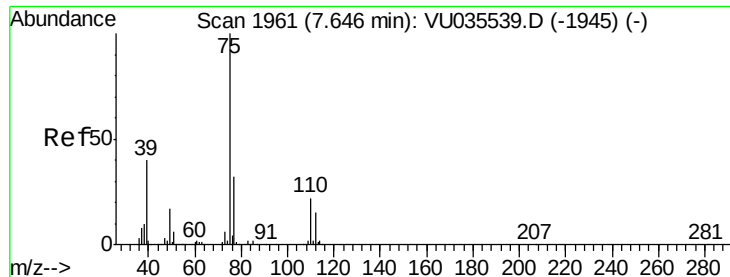
75 100

77 1.3 25.2 37.8#



Abundance Ion 75.00 (74.70 to 75.70): VU035539.D (-2133) (-)



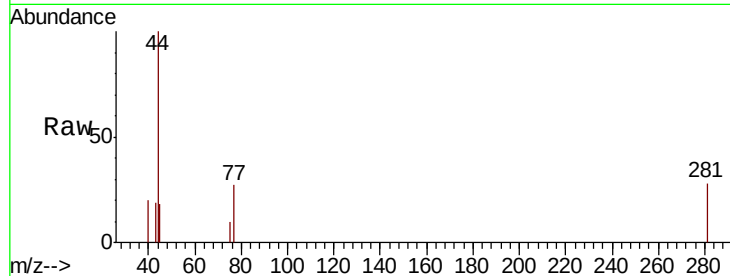


#51

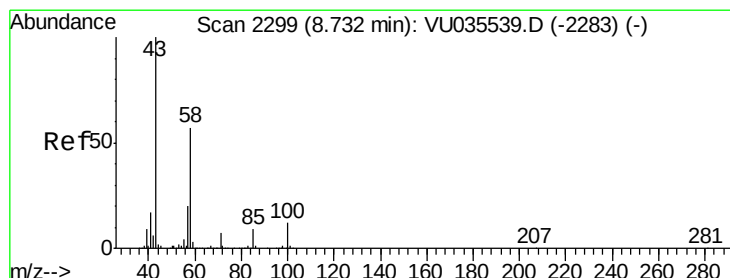
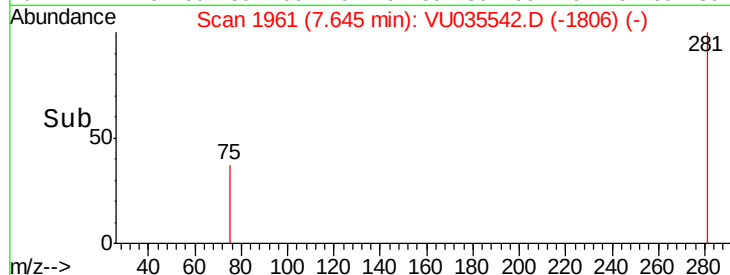
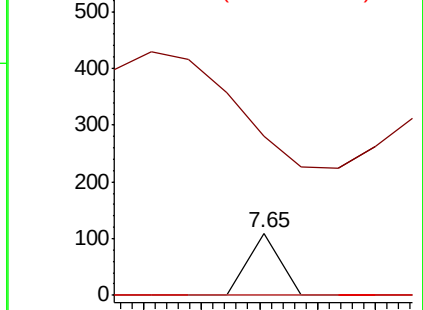
cis-1,3-Dichloropropene
 Concen: 0.001 ug/l
 RT: 7.65 min Scan# 1961
 Delta R.T. -0.00 min
 Lab File: VU035542.D
 Acq: 29 Oct 2019 16:38

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 75 Resp: 21
 Ion Ratio Lower Upper
 75 100
 77 51.4 25.2 37.8#
 39 0.0 32.1 48.1#



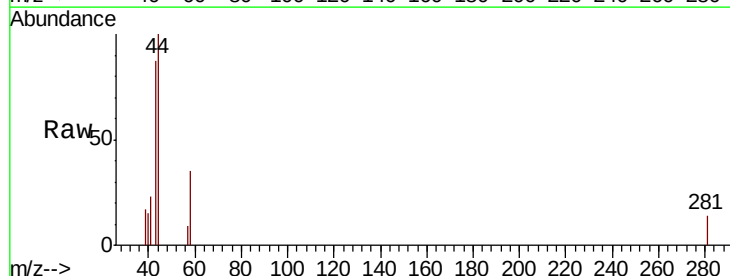
Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 77.00 (76.70 to 77.70): VU0
 Ion 39.00 (38.70 to 39.70): VU0



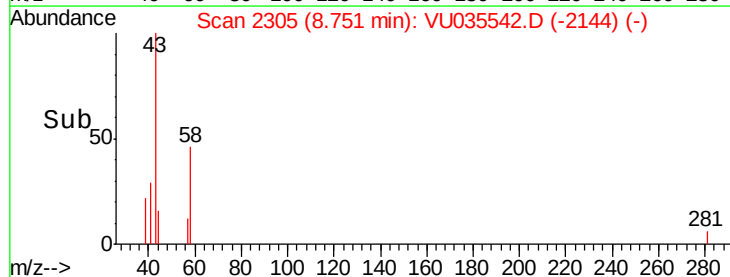
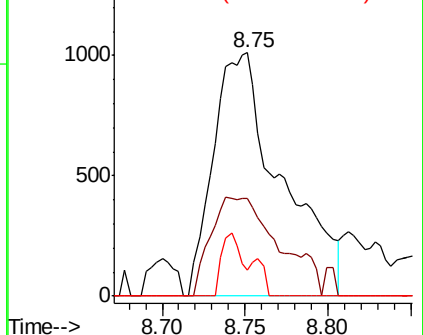
#54

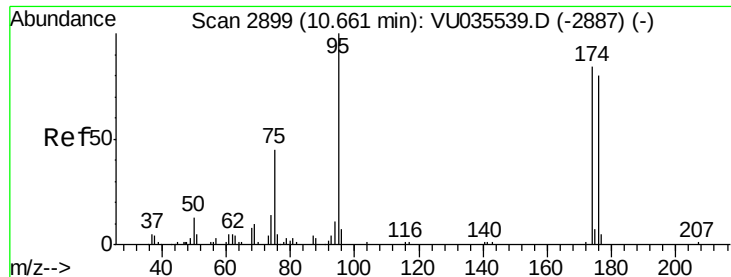
2-Hexanone
 Concen: 0.333 ug/l
 RT: 8.75 min Scan# 2305
 Delta R.T. 0.02 min
 Lab File: VU035542.D
 Acq: 29 Oct 2019 16:38

Tgt Ion: 43 Resp: 2899
 Ion Ratio Lower Upper
 43 100
 58 40.4 37.2 77.2
 57 7.5 0.0 39.1



Abundance Ion 43.00 (42.70 to 43.70): VU0
 Ion 58.00 (57.70 to 58.70): VU0
 Ion 57.00 (56.70 to 57.70): VU0

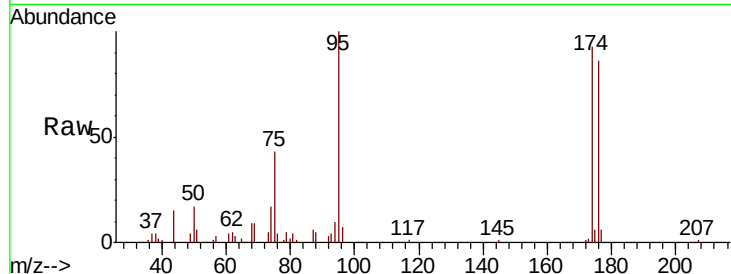




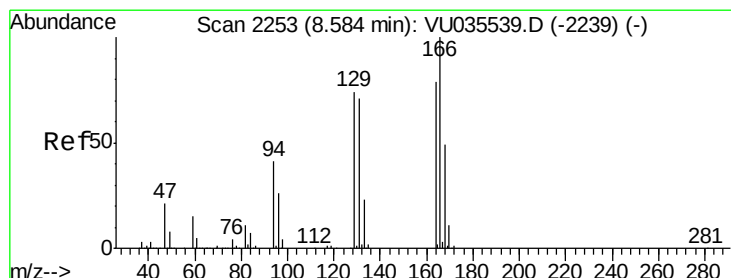
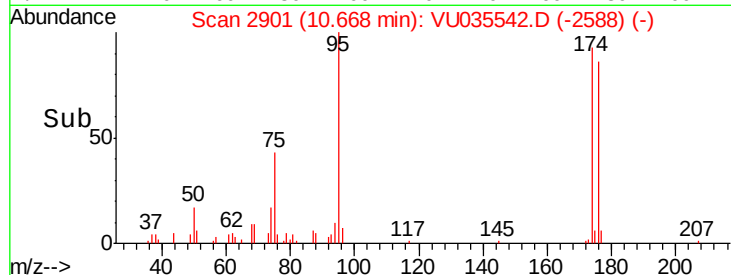
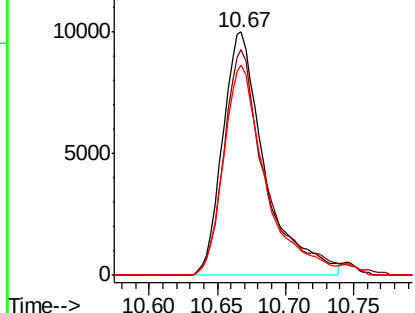
#57
4-Bromofluorobenzene
Concen: 0.871 ug/l
RT: 10.67 min Scan# 2901
Delta R.T. 0.01 min
Lab File: VU035542.D
Acq: 29 Oct 2019 16:38

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 95 Resp: 21451
Ion Ratio Lower Upper
95 100
174 93.9 70.2 105.4
176 86.4 67.7 101.5

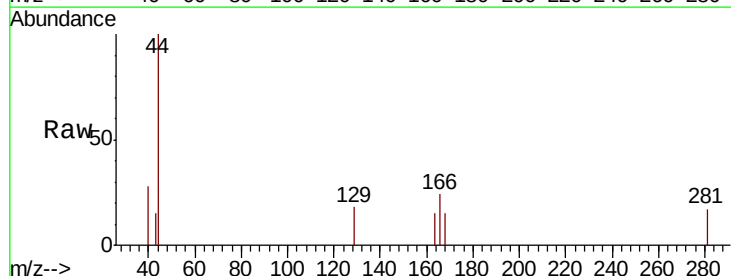


Abundance Ion 95.00 (94.70 to 95.70): VU035539.D (-2887) (-)
Ion 174.00 (173.70 to 174.70): VU035539.D (-2887) (-)
Ion 176.00 (175.70 to 176.70): VU035539.D (-2887) (-)

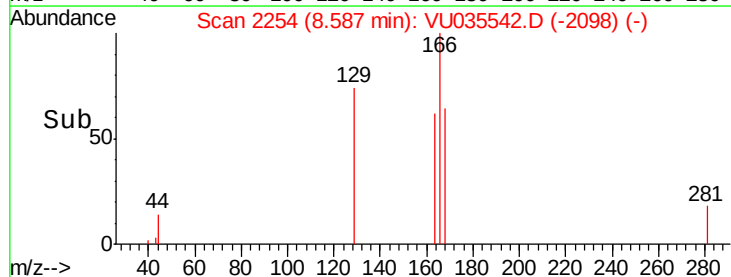
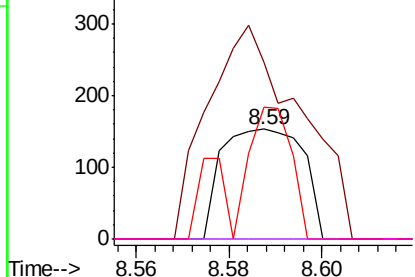


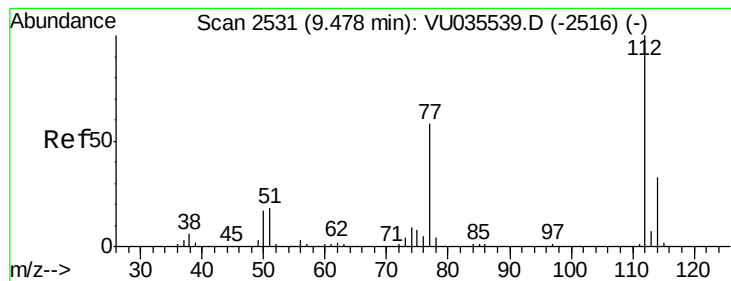
#58
Tetrachloroethene
Concen: 0.009 ug/l
RT: 8.59 min Scan# 2254
Delta R.T. 0.00 min
Lab File: VU035542.D
Acq: 29 Oct 2019 16:38

Tgt Ion: 164 Resp: 188
Ion Ratio Lower Upper
164 100
166 85.6 100.6 151.0#
129 120.3 74.1 111.1#
131 0.0 71.1 106.7#



Abundance Ion 163.85 (163.55 to 164.55): VU035539.D (-2239) (-)
Ion 165.80 (165.50 to 166.50): VU035539.D (-2239) (-)
Ion 128.90 (128.60 to 129.60): VU035539.D (-2239) (-)
Ion 130.90 (130.60 to 131.60): VU035539.D (-2239) (-)





#59

Chlorobenzene

Concen: 0.005 ug/l

RT: 9.49 min Scan# 2536

Delta R.T. 0.02 min

Lab File: VU035542.D

Acq: 29 Oct 2019 16:38

Instrument :

MSVOA_U

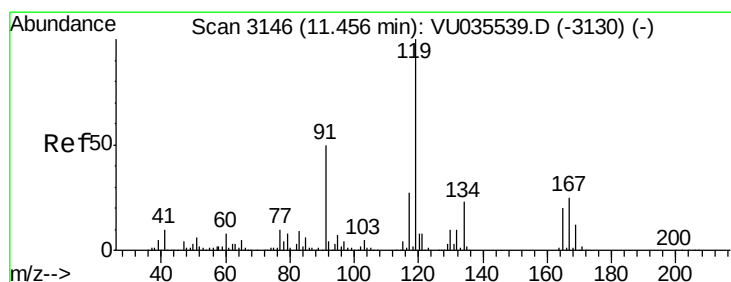
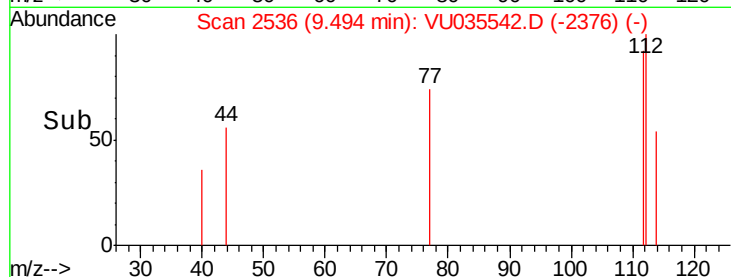
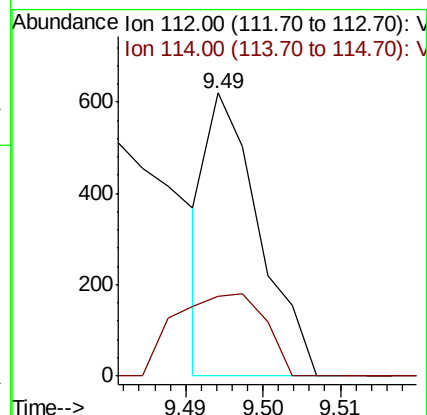
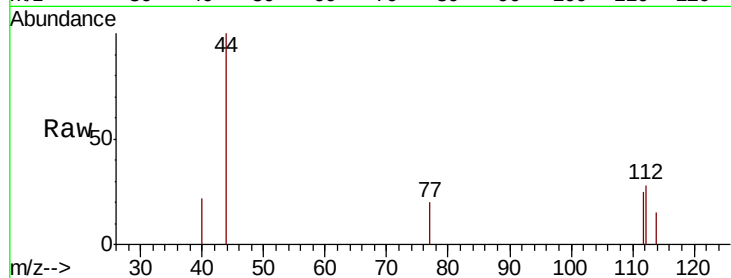
ClientSampleId :

Tot Ion:112 Resp: 288

Ion Ratio Lower Upper

112 100

114 28.1 26.5 39.7



#61

Pentachloroethane

Concen: 0.003 ug/l

RT: 11.46 min Scan# 3146

Delta R.T. -0.00 min

Lab File: VU035542.D

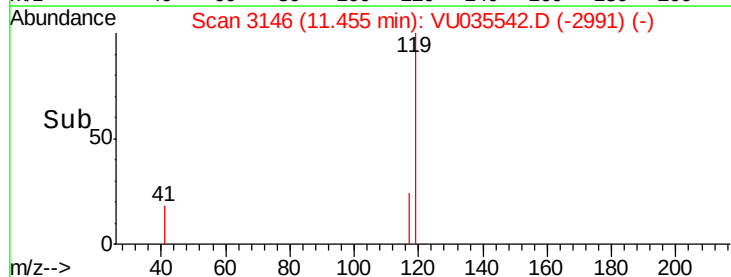
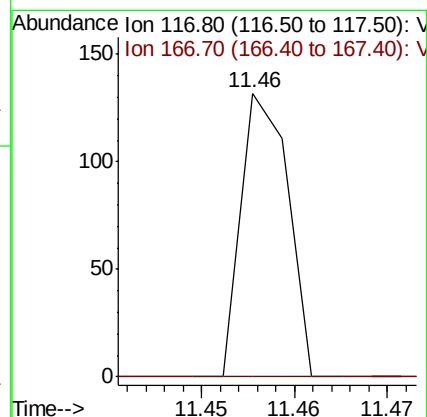
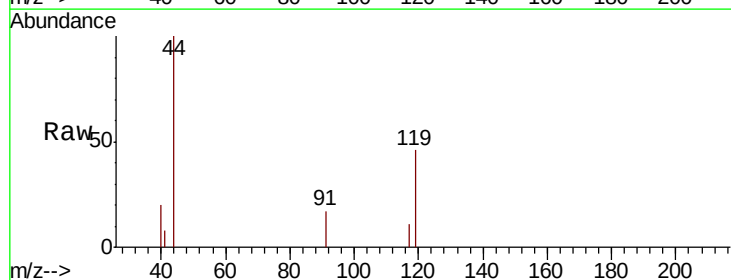
Acq: 29 Oct 2019 16:38

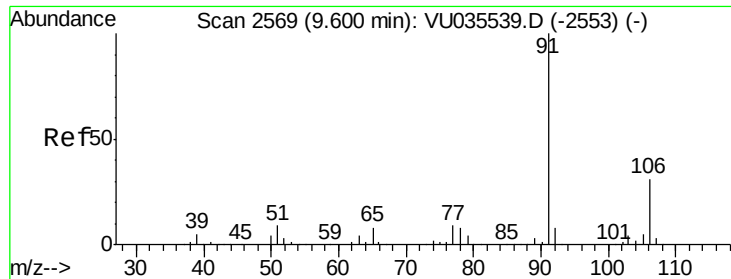
Tgt Ion:117 Resp: 47

Ion Ratio Lower Upper

117 100

167 0.0 69.8 104.6#

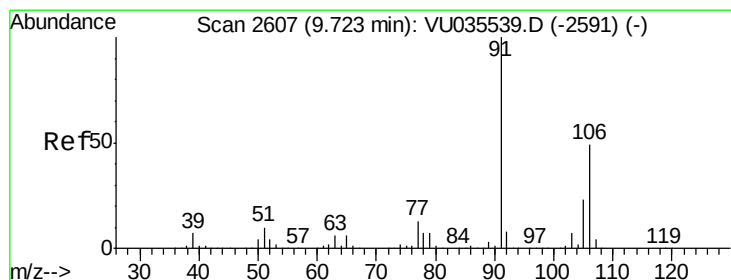
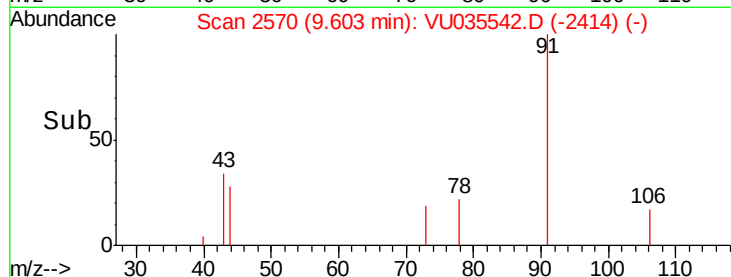
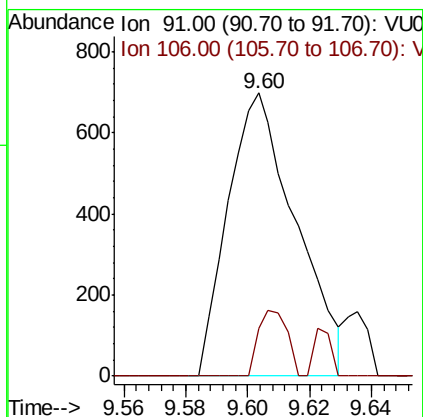
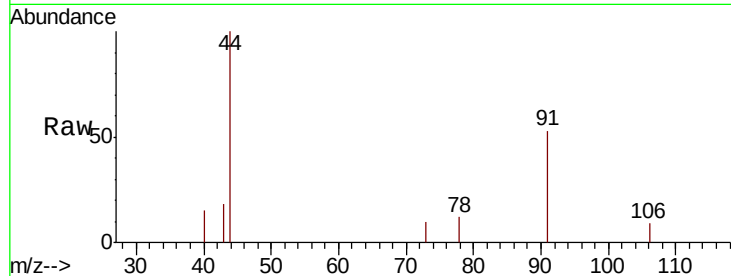




#63
Ethyl Benzene
Concen: 0.012 ug/l
RT: 9.60 min Scan# 2570
Delta R.T. 0.00 min
Lab File: VU035542.D
Acq: 29 Oct 2019 16:38

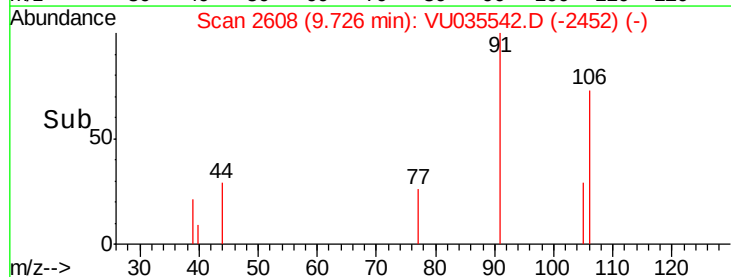
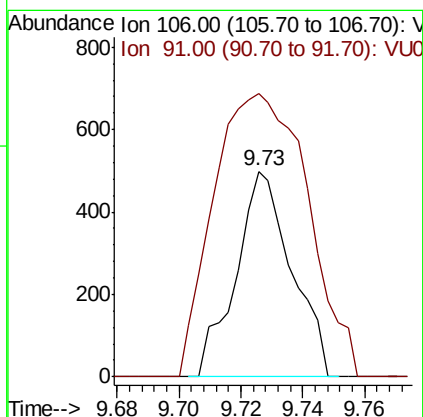
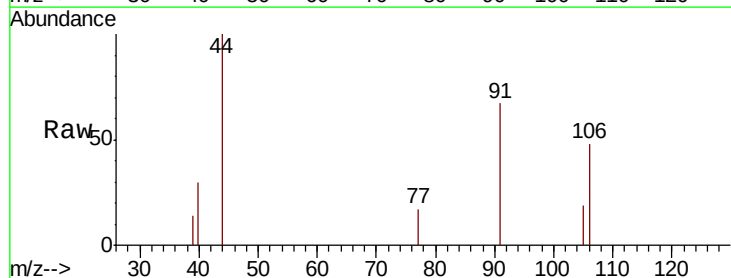
Instrument :
MSVOA_U
ClientSampleId :

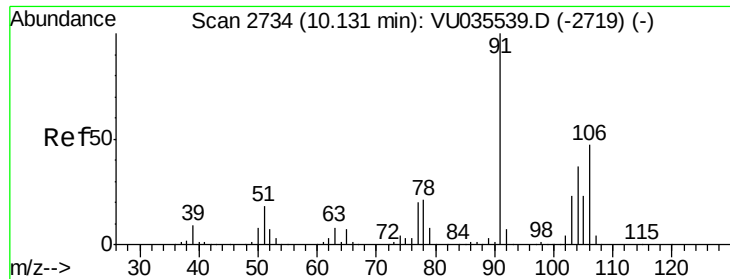
Tot Ion: 91 Resp: 1065
Ion Ratio Lower Upper
91 100
106 16.8 25.2 37.8#



#64
m/p-Xylenes
Concen: 0.018 ug/l
RT: 9.73 min Scan# 2608
Delta R.T. 0.00 min
Lab File: VU035542.D
Acq: 29 Oct 2019 16:38

Tgt Ion: 106 Resp: 624
Ion Ratio Lower Upper
106 100
91 233.2 81.0 121.4#





#65

o-Xylene

Concen: 0.009 ug/l

RT: 10.13 min Scan# 2734

Delta R.T. -0.00 min

Lab File: VU035542.D

Acq: 29 Oct 2019 16:38

Instrument :

MSVOA_U

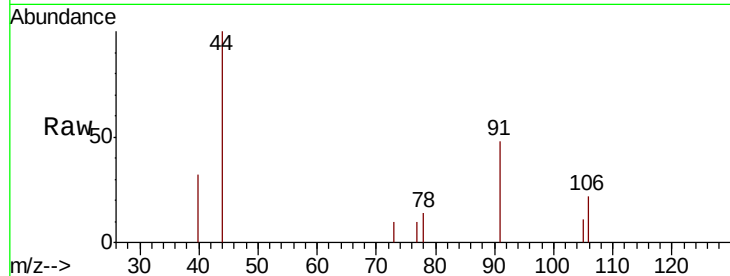
ClientSampleId :

Tot Ion:106 Resp: 303

Ion Ratio Lower Upper

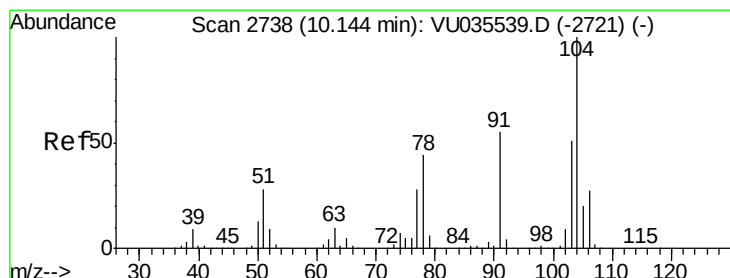
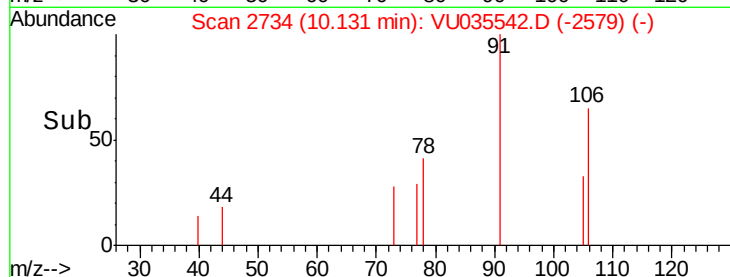
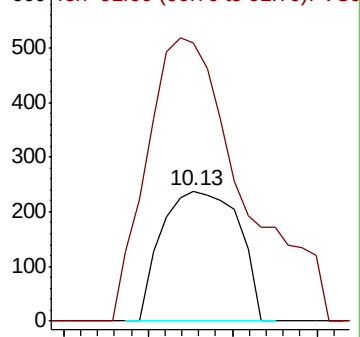
106 100

91 271.3 107.1 321.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#66

Styrene

Concen: 0.013 ug/l

RT: 10.15 min Scan# 2739

Delta R.T. 0.00 min

Lab File: VU035542.D

Acq: 29 Oct 2019 16:38

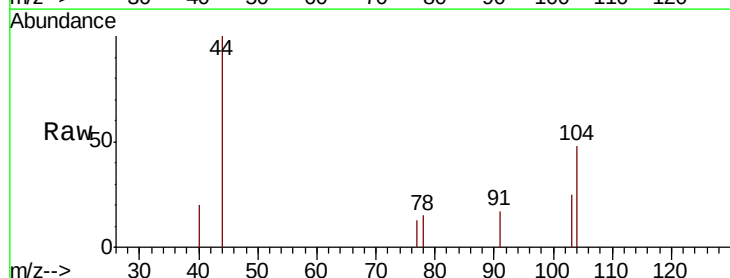
Tgt Ion:104 Resp: 705

Ion Ratio Lower Upper

104 100

78 32.1 38.6 58.0#

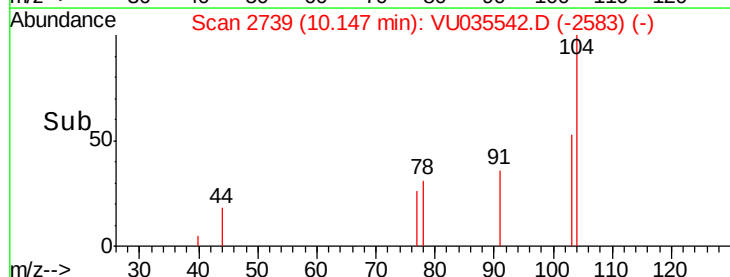
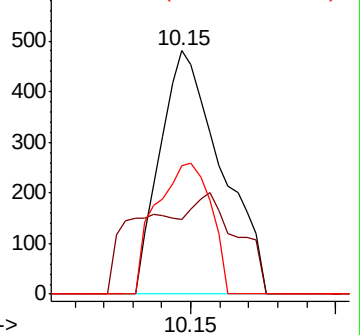
103 48.7 43.6 65.4

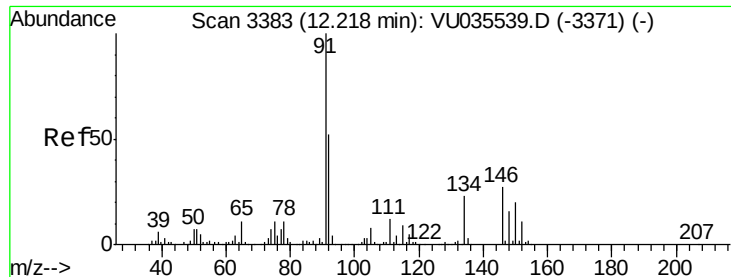


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VU0

Ion 103.00 (102.70 to 103.70): V





#68

1,2-Dichlorobenzene-d4

Concen: 0.810 ug/l

RT: 12.22 min Scan# 3385

Delta R.T. 0.01 min

Lab File: VU035542.D

Acq: 29 Oct 2019 16:38

Instrument :

MSVOA_U

ClientSampleId :

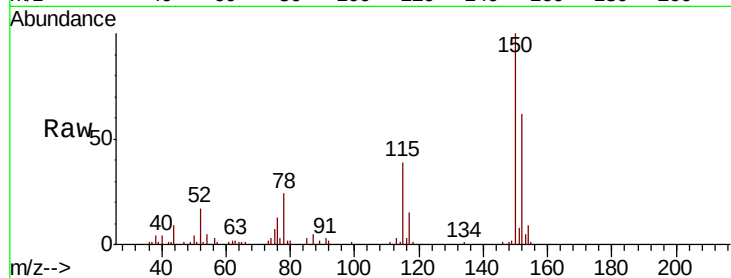
Tot Ion:152 Resp: 21200

Ion Ratio Lower Upper

152 100

115 61.5 0.0 250.6

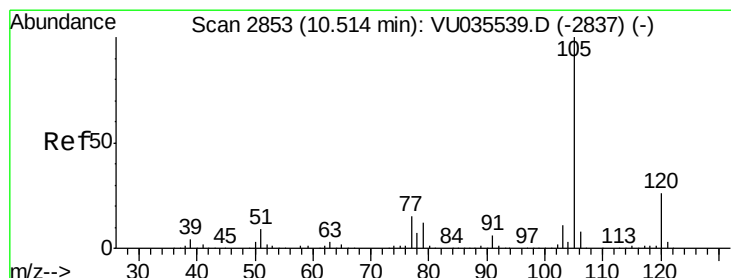
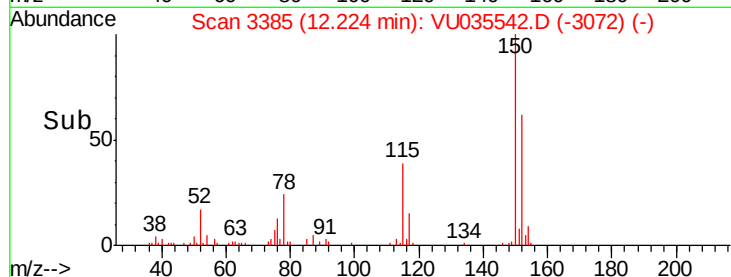
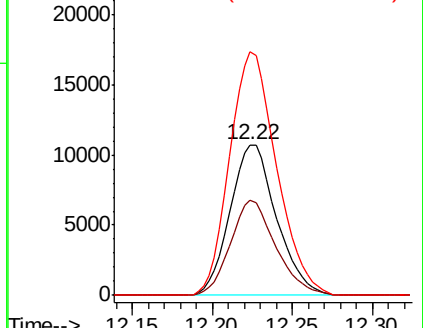
150 163.3 0.0 656.8



Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V



#69

Isopropylbenzene

Concen: 0.013 ug/l

RT: 10.51 min Scan# 2853

Delta R.T. -0.00 min

Lab File: VU035542.D

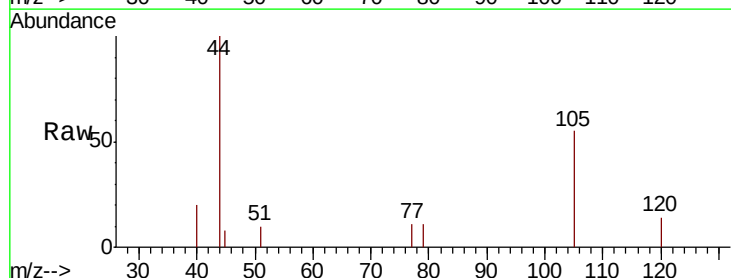
Acq: 29 Oct 2019 16:38

Tgt Ion:105 Resp: 1078

Ion Ratio Lower Upper

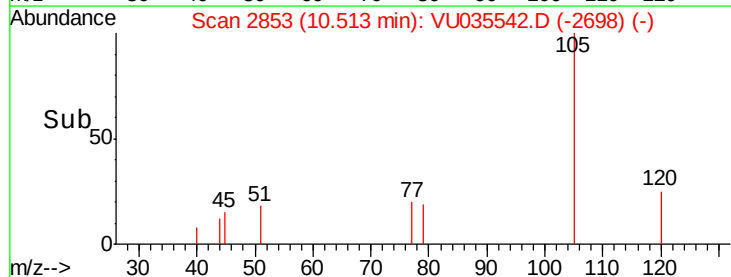
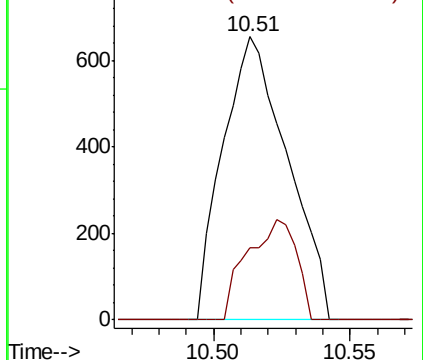
105 100

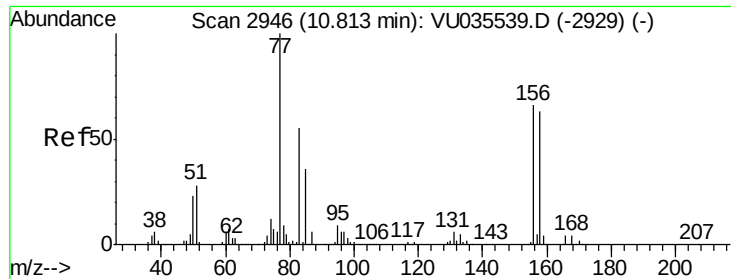
120 26.9 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#70

1,1,2,2-Tetrachloroethane

Concen: 0.010 ug/l

RT: 10.81 min Scan# 2944

Delta R.T. -0.01 min

Lab File: VU035542.D

Acq: 29 Oct 2019 16:38

Instrument :

MSVOA_U

ClientSampleId :

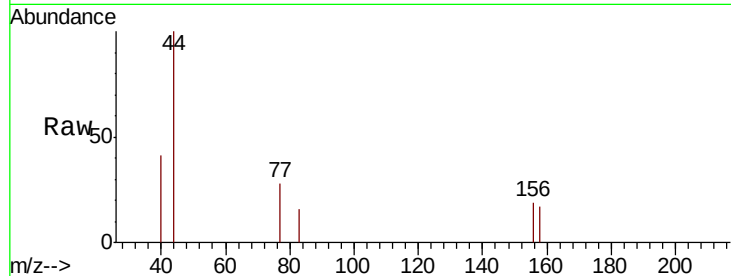
Tot Ion: 83 Resp: 207

Ion Ratio Lower Upper

83 100

131 0.0 0.0 0.0

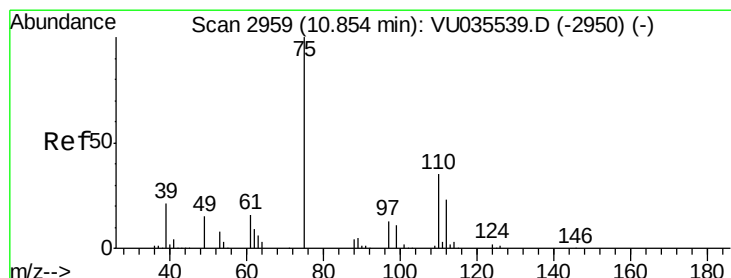
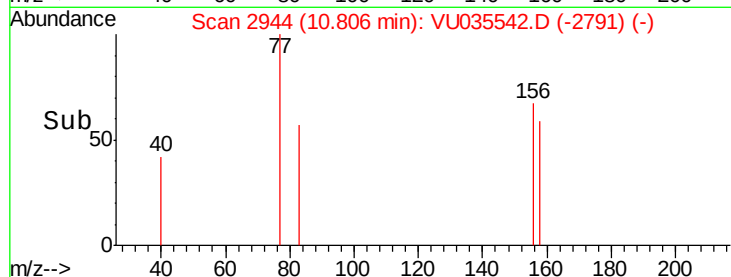
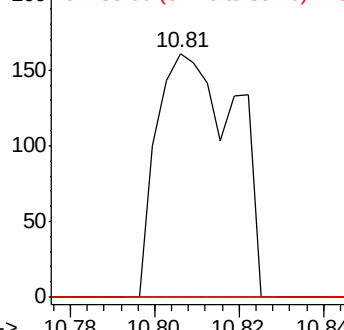
85 0.0 33.5 50.3#



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: 0.020 ug/l

RT: 10.73 min Scan# 2919

Delta R.T. -0.13 min

Lab File: VU035542.D

Acq: 29 Oct 2019 16:38

Tgt Ion: 75 Resp: 318

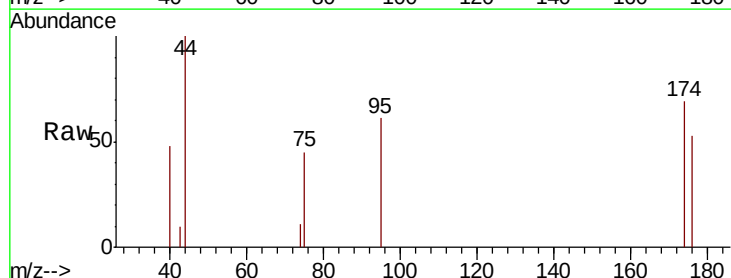
Ion Ratio Lower Upper

75 100

77 289.9 0.0 68.6#

110 0.0 0.0 77.2

97 6.3 0.0 39.0

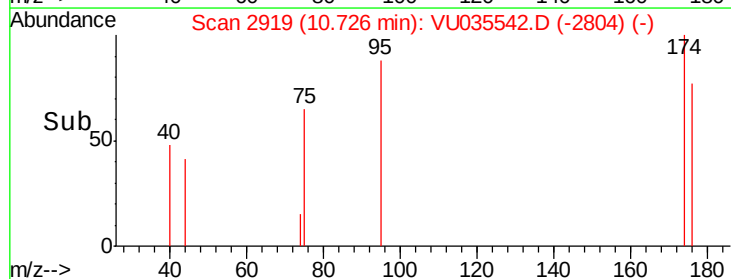
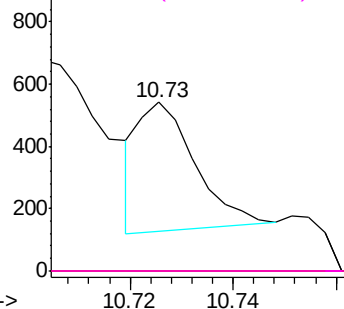


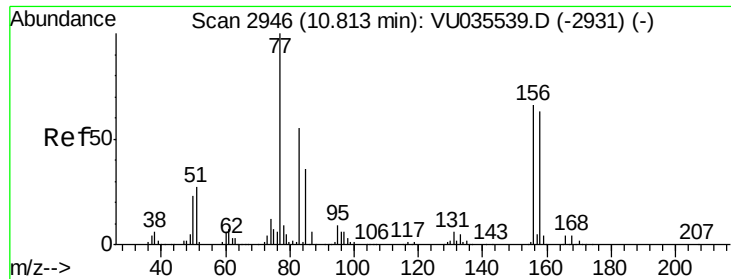
Abundance Ion 75.00 (74.70 to 75.70): VU0

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: 0.016 ug/l

RT: 10.81 min Scan# 2945

Delta R.T. -0.00 min

Lab File: VU035542.D

Acq: 29 Oct 2019 16:38

Instrument :

MSVOA_U

ClientSampled :

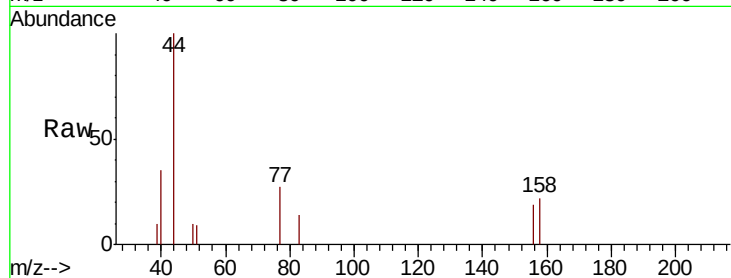
Tot Ion:156 Resp: 377

Ion Ratio Lower Upper

156 100

77 244.6 0.0 300.4

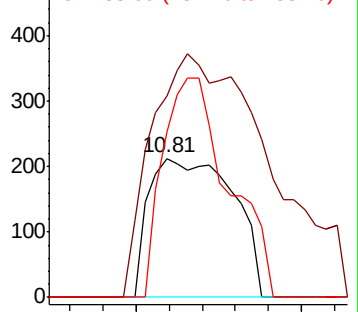
158 122.8 0.0 194.4



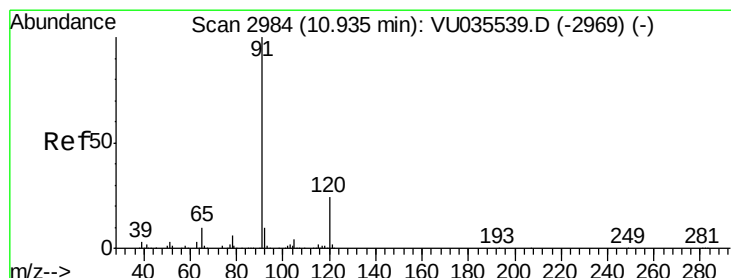
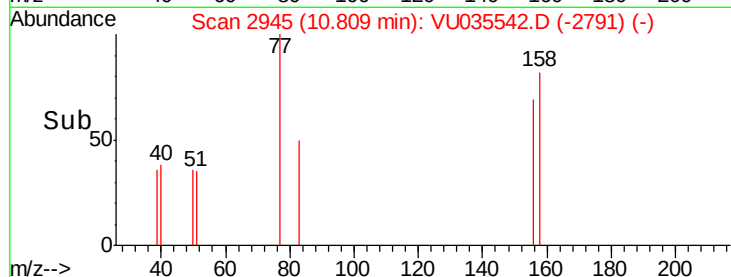
Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 158.00 (157.70 to 158.70): V



Time-->



#73

n-propylbenzene

Concen: 0.018 ug/l

RT: 11.11 min Scan# 3040

Delta R.T. 0.18 min

Lab File: VU035542.D

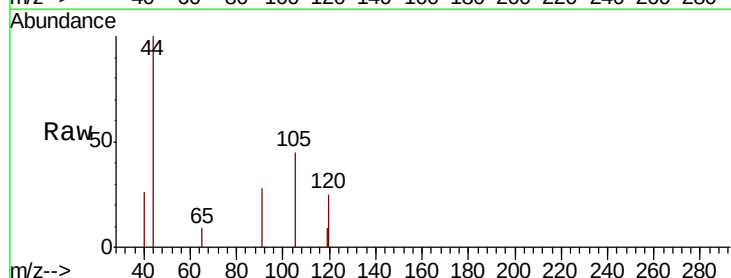
Acq: 29 Oct 2019 16:38

Tgt Ion:120 Resp: 435

Ion Ratio Lower Upper

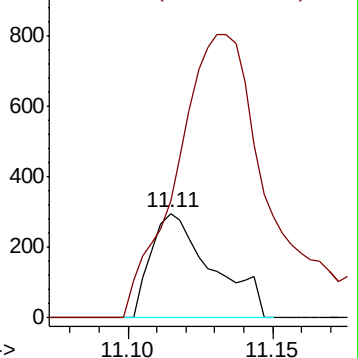
120 100

91 397.9 340.6 510.8

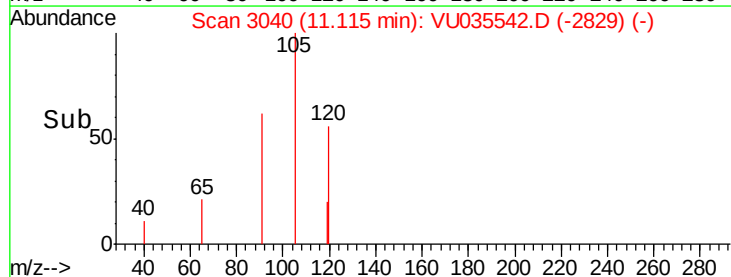


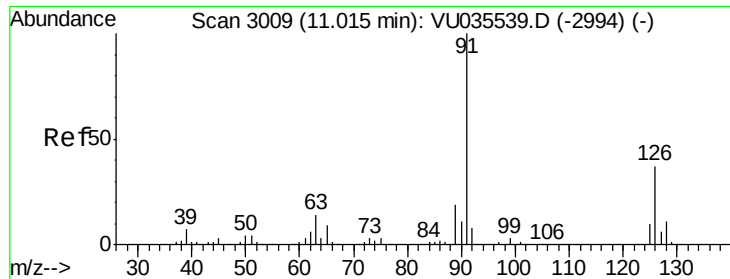
Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0



Time-->





#74

2-Chlorotoluene

Concen: 0.017 ug/l

RT: 11.01 min Scan# 3009

Delta R.T. -0.00 min

Lab File: VU035542.D

Acq: 29 Oct 2019 16:38

Instrument :

MSVOA_U

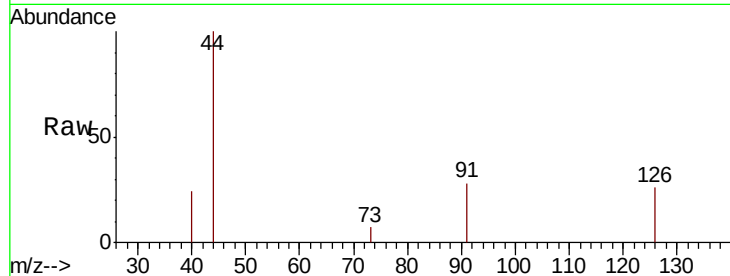
ClientSampleId :

Tot Ion:126 Resp: 379

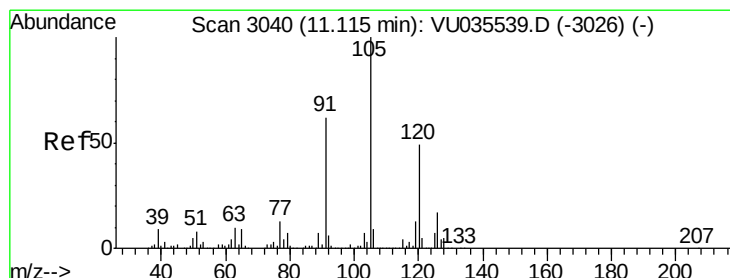
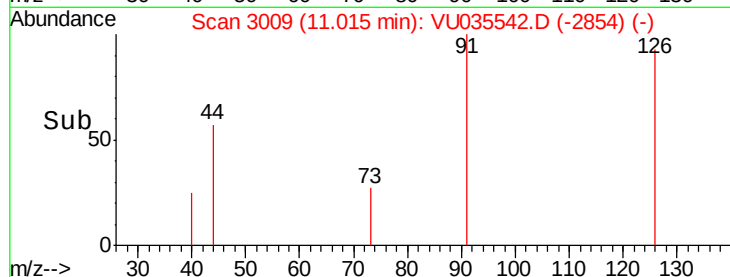
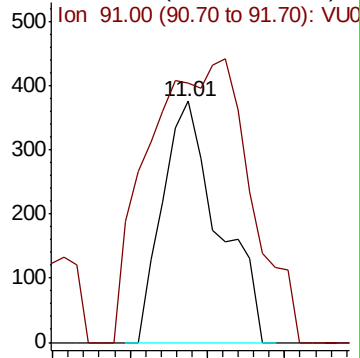
Ion Ratio Lower Upper

126 100

91 212.1 0.0 574.2



Abundance Ion 126.00 (125.70 to 126.70): V



#75

1,3,5-Trimethylbenzene

Concen: 0.012 ug/l

RT: 11.12 min Scan# 3041

Delta R.T. 0.00 min

Lab File: VU035542.D

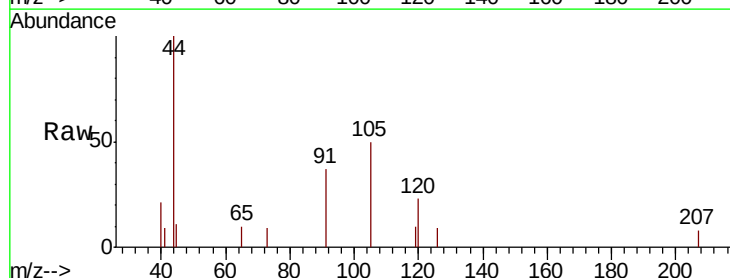
Acq: 29 Oct 2019 16:38

Tgt Ion:105 Resp: 830

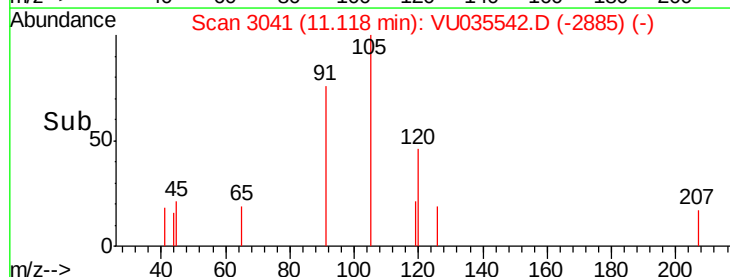
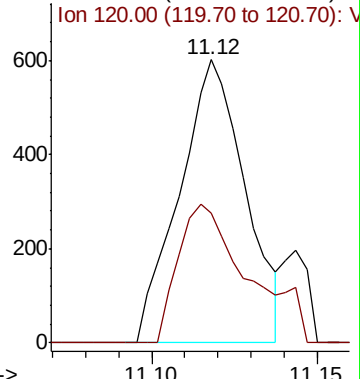
Ion Ratio Lower Upper

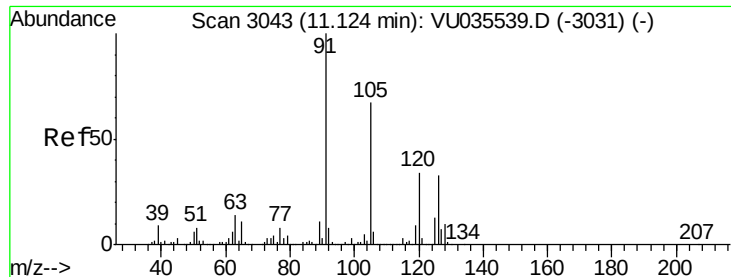
105 100

120 52.4 39.4 59.2



Abundance Ion 105.00 (104.70 to 105.70): V

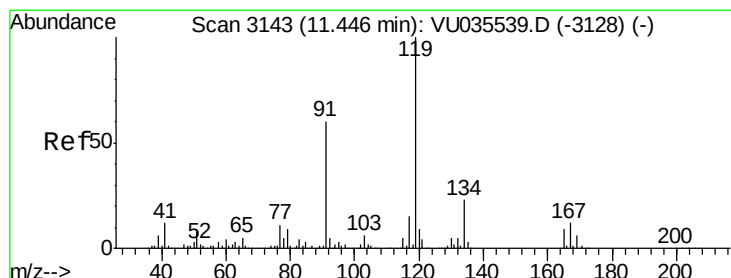
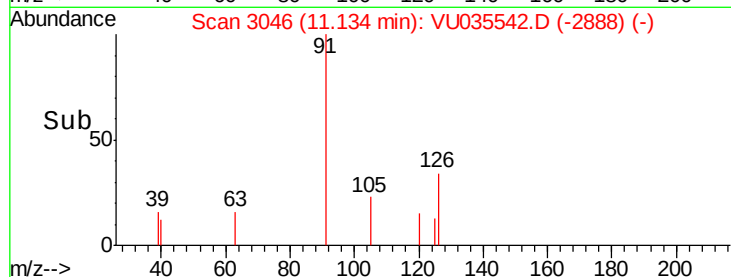
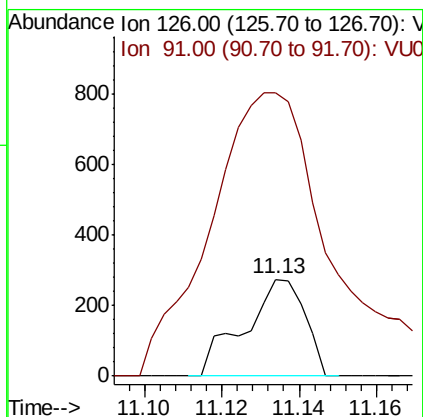
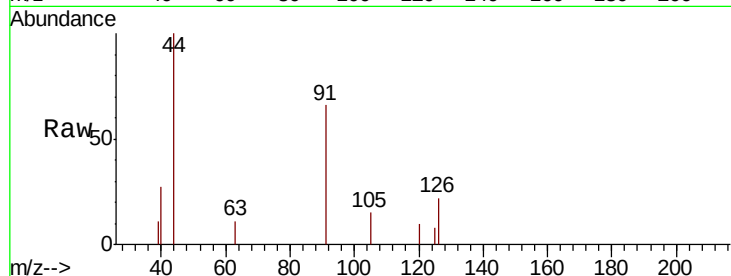




#76
4-Chlorotoluene
Concen: 0.013 ug/l
RT: 11.13 min Scan# 3046
Delta R.T. 0.01 min
Lab File: VU035542.D
Acq: 29 Oct 2019 16:38

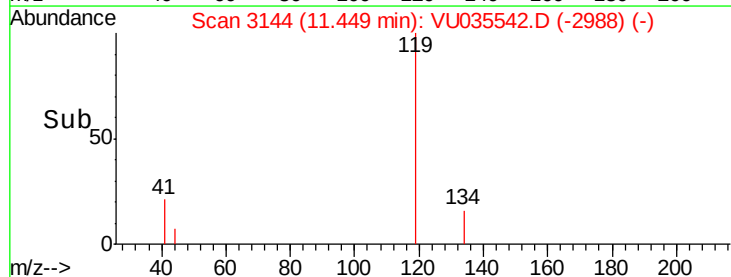
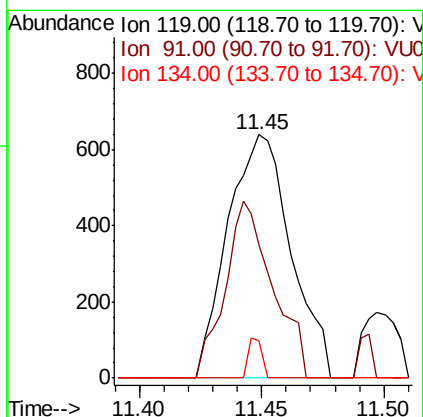
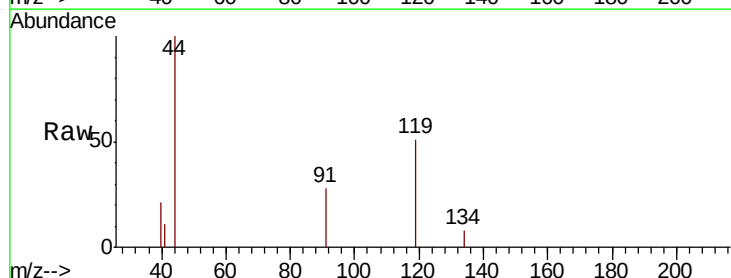
Instrument :
MSVOA_U
ClientSampleId :

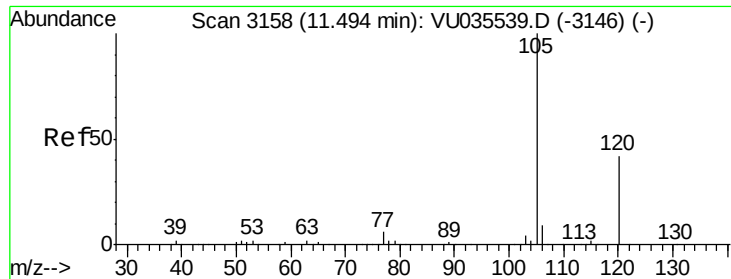
Tot Ion:126 Resp: 301
Ion Ratio Lower Upper
126 100
91 575.1 0.0 637.0



#77
tert-Butylbenzene
Concen: 0.016 ug/l
RT: 11.45 min Scan# 3144
Delta R.T. 0.00 min
Lab File: VU035542.D
Acq: 29 Oct 2019 16:38

Tgt Ion:119 Resp: 1147
Ion Ratio Lower Upper
119 100
91 54.8 27.9 83.7
134 3.5 18.3 27.5#

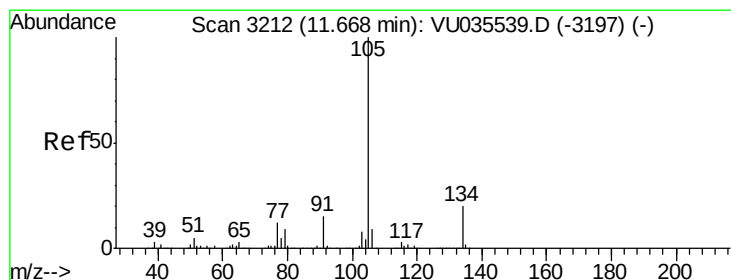
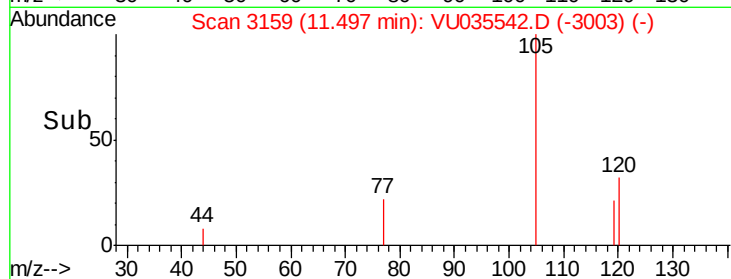
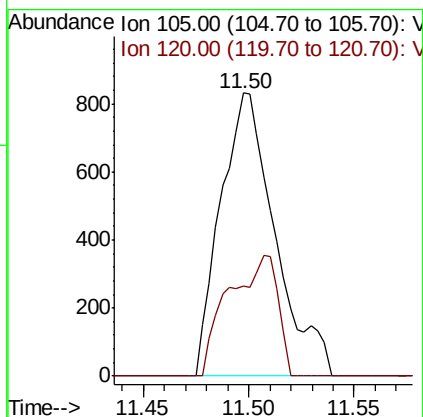
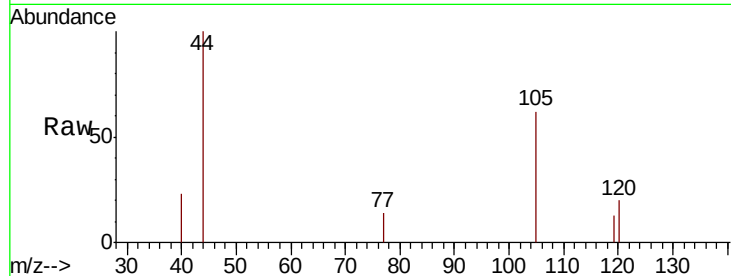




#78
 1,2,4-Trimethylbenzene
 Concen: 0.021 ug/l
 RT: 11.50 min Scan# 3159
 Delta R.T. 0.00 min
 Lab File: VU035542.D
 Acq: 29 Oct 2019 16:38

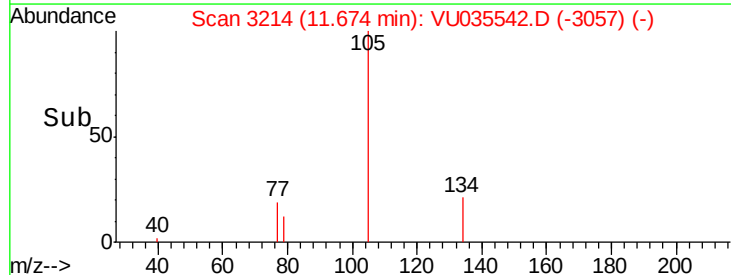
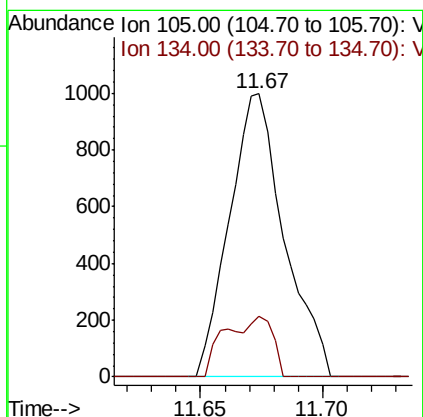
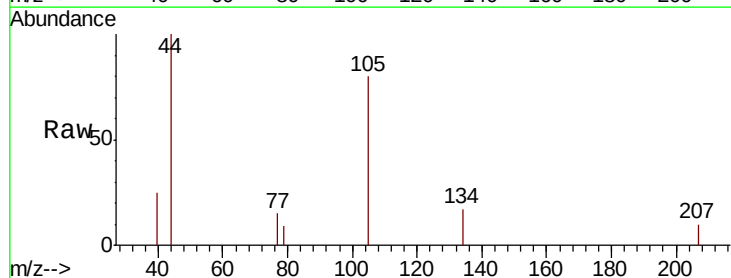
Instrument :
 MSVOA_U
 ClientSampleId :

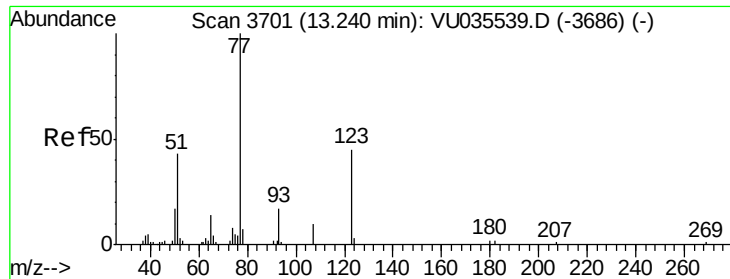
Tot Ion:105 Resp: 1490
 Ion Ratio Lower Upper
 105 100
 120 38.5 23.2 69.5



#79
 sec-Butylbenzene
 Concen: 0.017 ug/l
 RT: 11.67 min Scan# 3214
 Delta R.T. 0.01 min
 Lab File: VU035542.D
 Acq: 29 Oct 2019 16:38

Tgt Ion:105 Resp: 1554
 Ion Ratio Lower Upper
 105 100
 134 8.9 15.9 23.9#

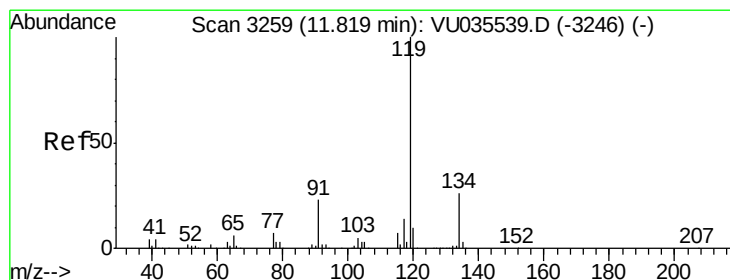
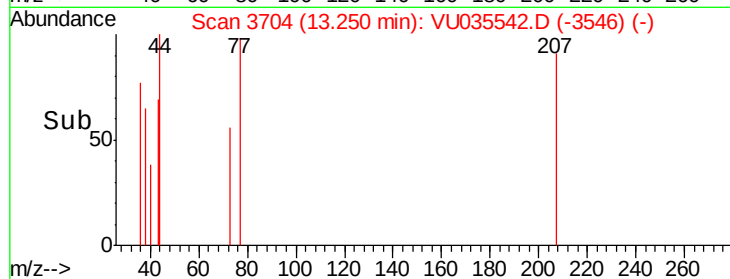
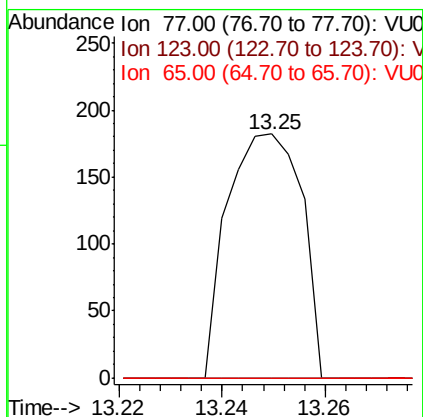
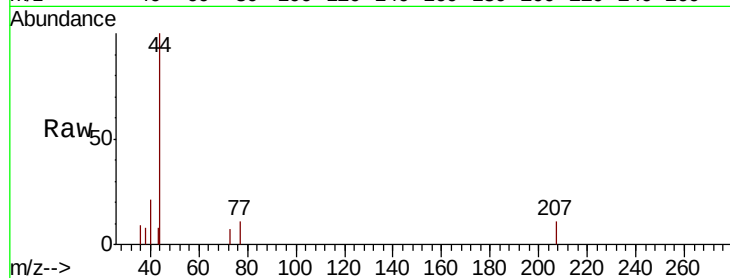




#80
 Nitrobenzene
 Concen: 0.251 ug/l
 RT: 13.25 min Scan# 3704
 Delta R.T. 0.01 min
 Lab File: VU035542.D
 Acq: 29 Oct 2019 16:38

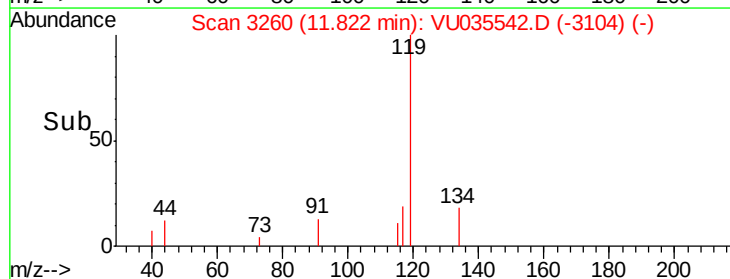
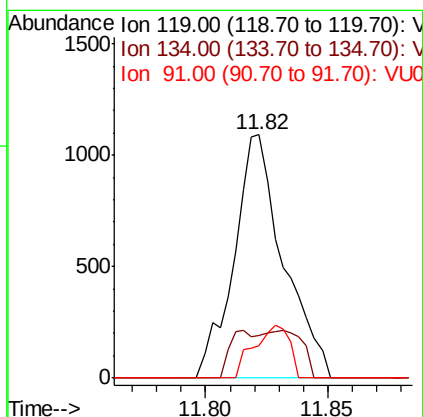
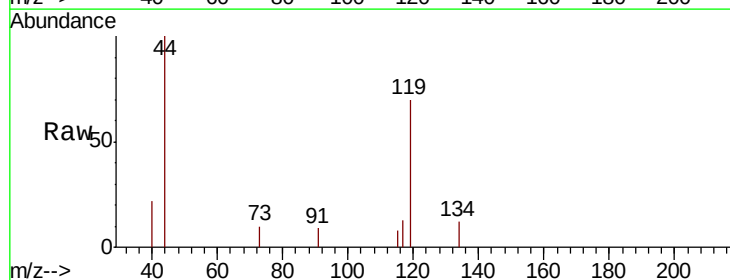
Instrument :
 MSVOA_U
 ClientSampled :

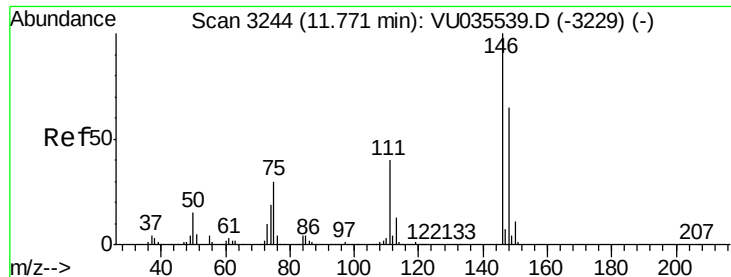
Tot Ion	Ratio	Lower	Upper
77	100		
123	0.0	18.9	67.1#
65	0.0	11.2	14.2#



#81
 p-Isopropyltoluene
 Concen: 0.021 ug/l
 RT: 11.82 min Scan# 3260
 Delta R.T. 0.00 min
 Lab File: VU035542.D
 Acq: 29 Oct 2019 16:38

Tgt Ion	Ratio	Lower	Upper
119	100		
134	9.3	17.0	25.4#
91	15.5	41.3	61.9#

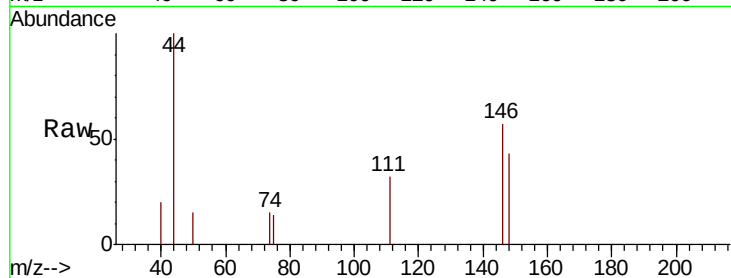




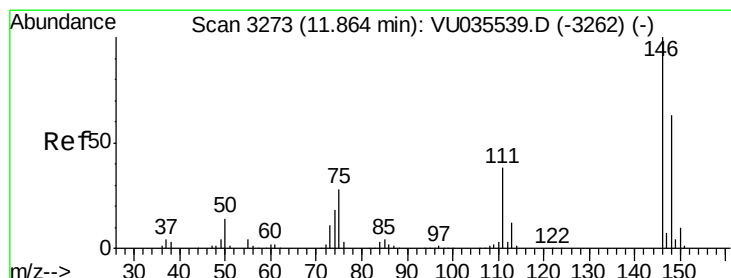
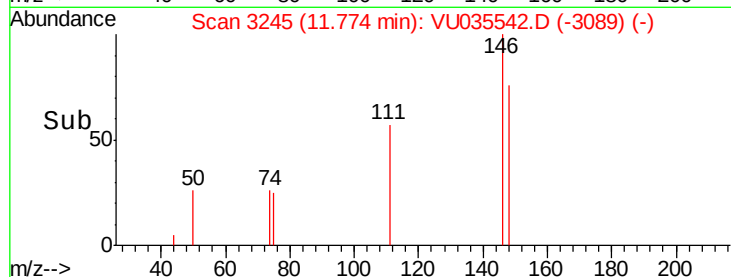
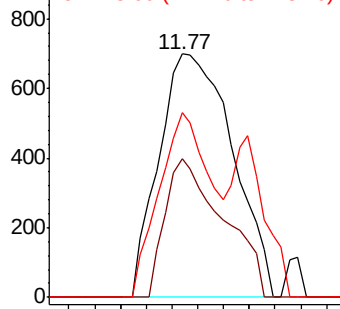
#82
 1,3-Dichlorobenzene
 Concen: 0.031 ug/l
 RT: 11.77 min Scan# 3245
 Delta R.T. 0.00 min
 Lab File: VU035542.D
 Acq: 29 Oct 2019 16:38

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion:146 Resp: 1393
 Ion Ratio Lower Upper
 146 100
 111 45.0 31.8 47.6
 148 53.2 50.9 76.3

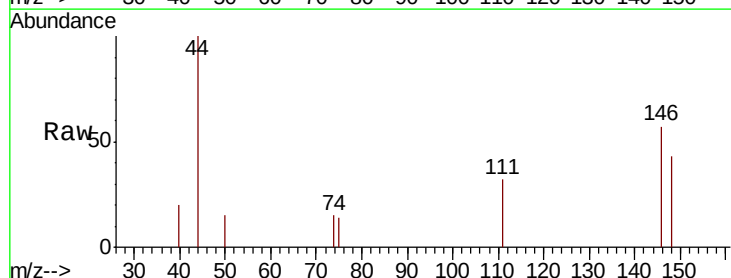


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

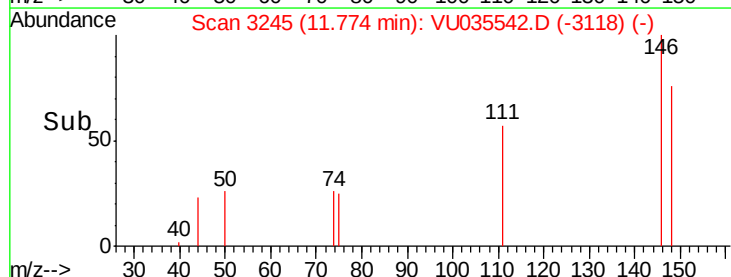
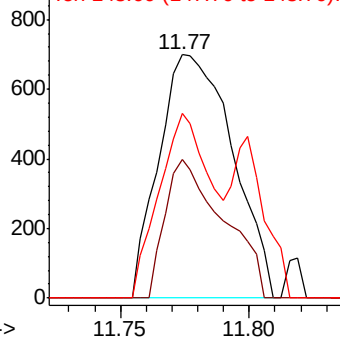


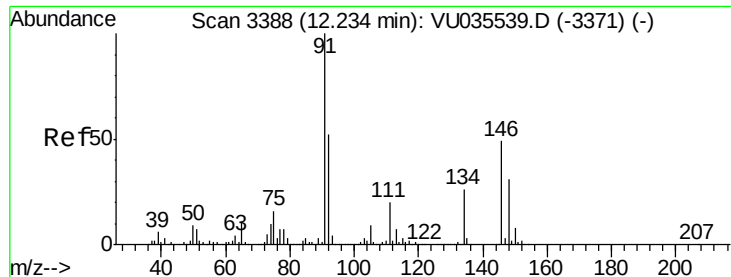
#83
 1,4-Dichlorobenzene
 Concen: 0.032 ug/l
 RT: 11.77 min Scan# 3245
 Delta R.T. -0.09 min
 Lab File: VU035542.D
 Acq: 29 Oct 2019 16:38

Tgt Ion:146 Resp: 1393
 Ion Ratio Lower Upper
 146 100
 111 45.0 30.1 45.1
 148 53.2 51.0 76.4



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

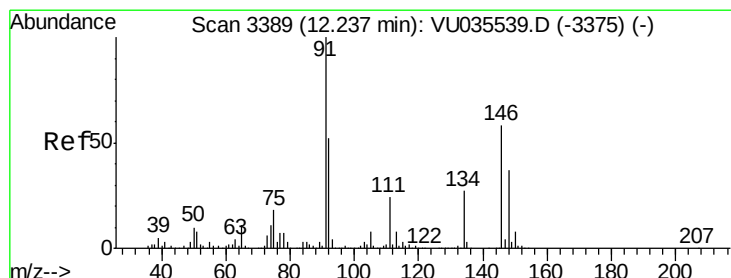
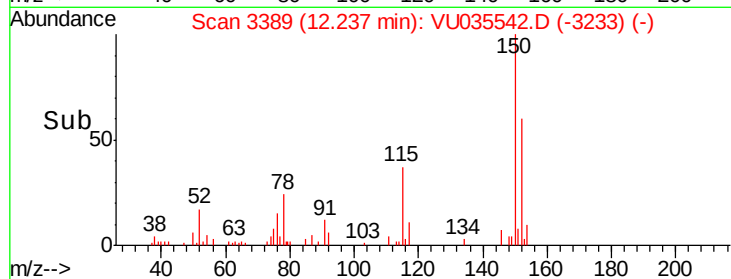
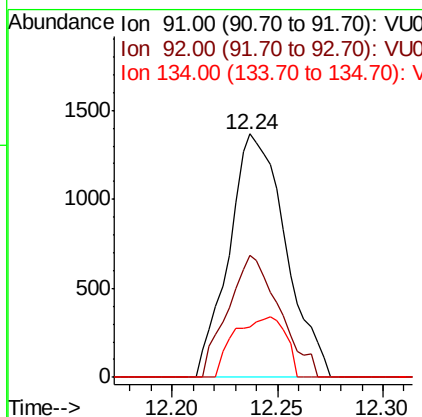
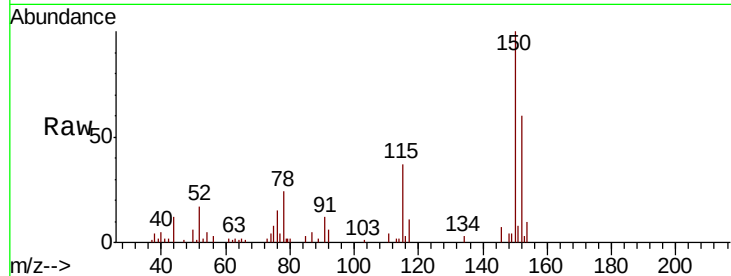




#84
n-Butylbenzene
Concen: 0.042 ug/l
RT: 12.24 min Scan# 3389
Delta R.T. 0.00 min
Lab File: VU035542.D
Acq: 29 Oct 2019 16:38

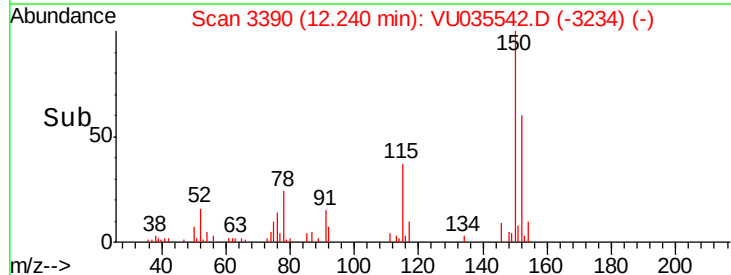
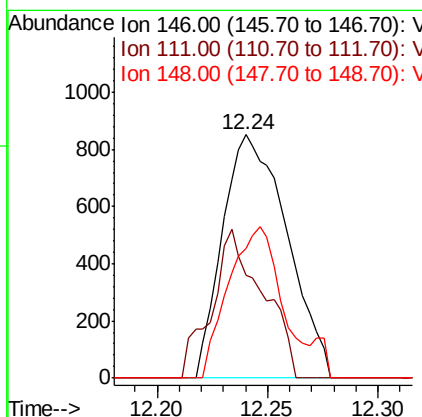
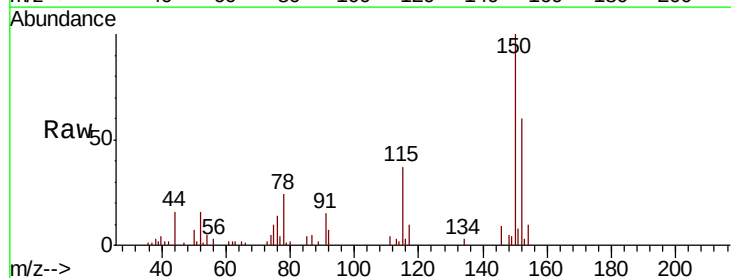
Instrument :
MSVOA_U
ClientSampleId :

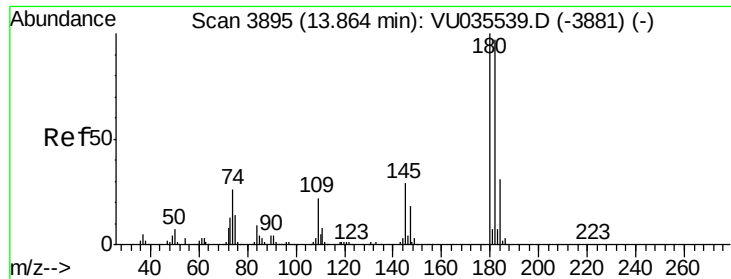
Tot Ion: 91 Resp: 2542
Ion Ratio Lower Upper
91 100
92 45.6 41.4 62.0
134 22.4 20.6 30.8



#85
1,2-Dichlorobenzene
Concen: 0.040 ug/l
RT: 12.24 min Scan# 3390
Delta R.T. 0.00 min
Lab File: VU035542.D
Acq: 29 Oct 2019 16:38

Tgt Ion: 146 Resp: 1730
Ion Ratio Lower Upper
146 100
111 48.2 20.5 61.5
148 51.3 32.0 96.2

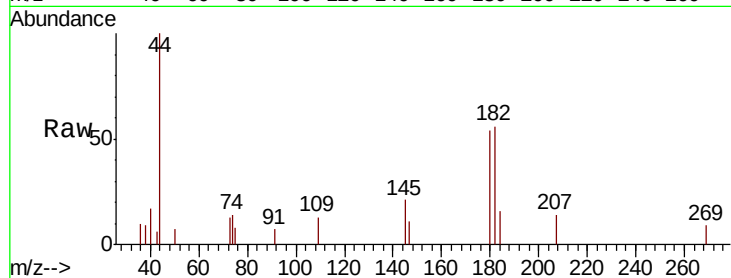




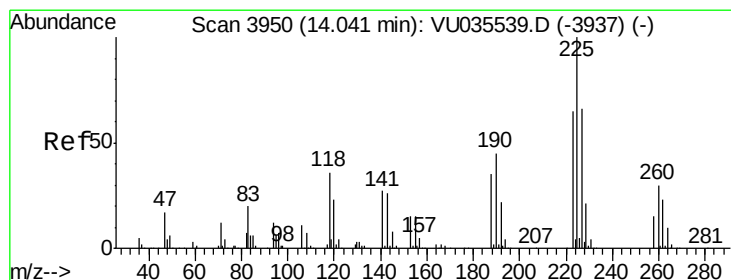
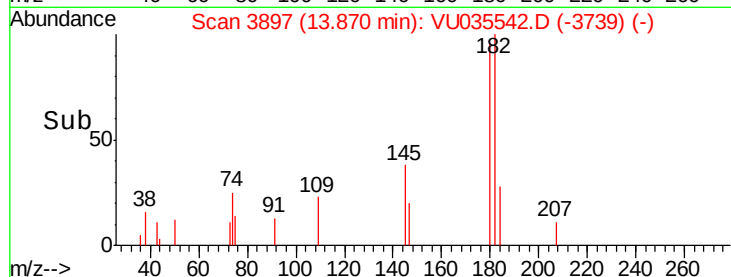
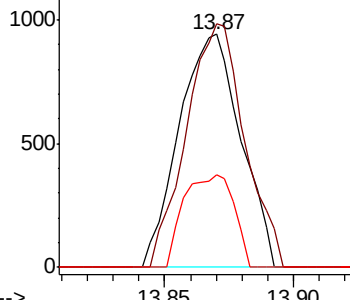
#87
 1,2,4-Trichlorobenzene
 Concen: 0.671 ug/l
 RT: 13.87 min Scan# 3897
 Delta R.T. 0.01 min
 Lab File: VU035542.D
 Acq: 29 Oct 2019 16:38

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion:180 Resp: 1572
 Ion Ratio Lower Upper
 180 100
 182 98.9 77.4 116.0
 145 32.2 22.6 33.8

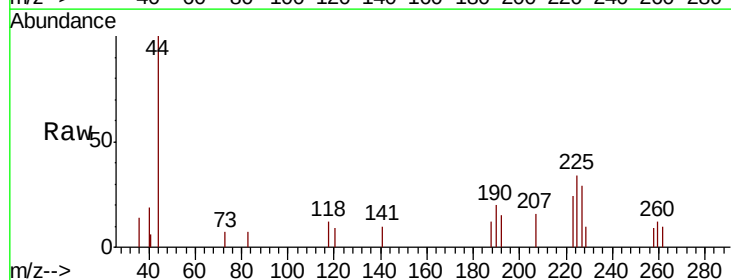


Abundance Ion 179.70 (179.40 to 180.40): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

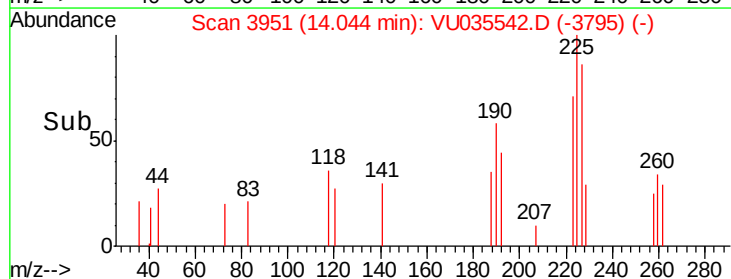
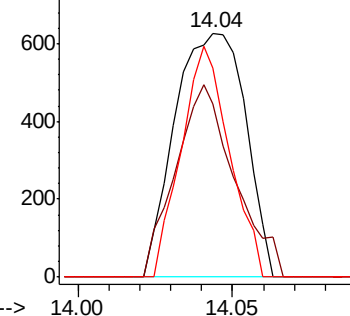


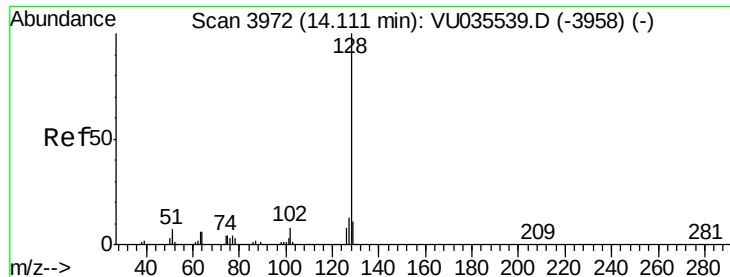
#88
 Hexachlorobutadiene
 Concen: 0.062 ug/l
 RT: 14.04 min Scan# 3951
 Delta R.T. 0.00 min
 Lab File: VU035542.D
 Acq: 29 Oct 2019 16:38

Tgt Ion:225 Resp: 993
 Ion Ratio Lower Upper
 225 100
 223 66.2 50.7 76.1
 227 64.7 52.2 78.4



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: 0.752 ug/l

RT: 14.12 min Scan# 3974

Delta R.T. 0.01 min

Lab File: VU035542.D

Acq: 29 Oct 2019 16:38

Instrument :

MSVOA_U

ClientSampleId :

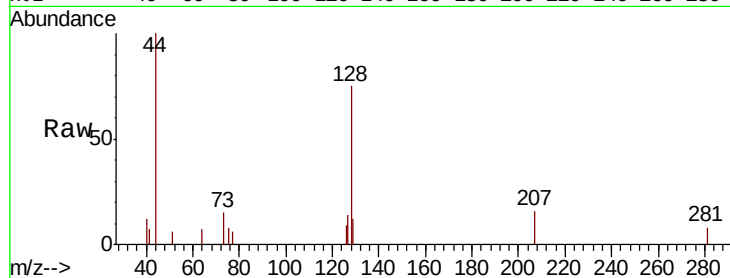
Tot Ion:128 Resp: 2558

Ion Ratio Lower Upper

128 100

127 16.8 10.3 15.5#

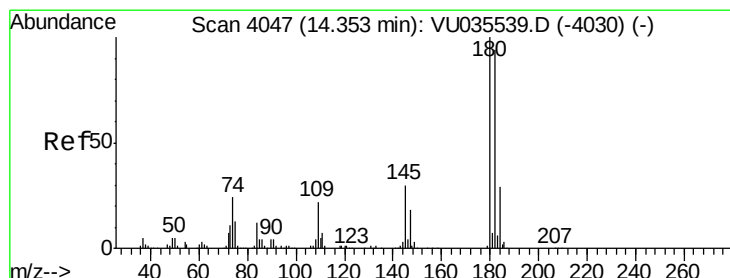
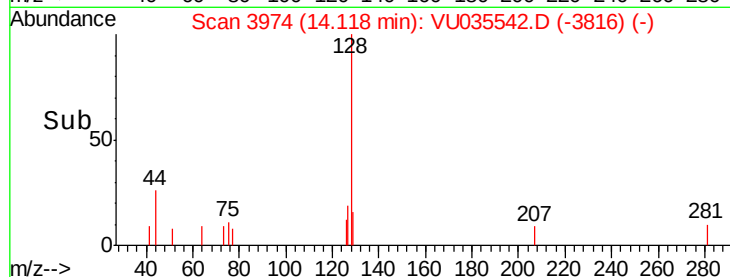
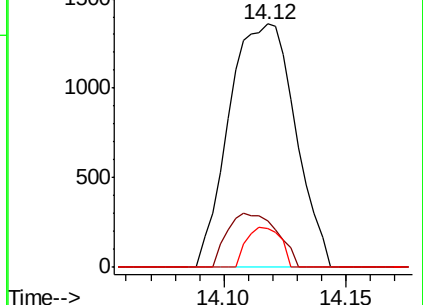
129 8.3 8.6 13.0#



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: 0.584 ug/l

RT: 14.36 min Scan# 4048

Delta R.T. 0.00 min

Lab File: VU035542.D

Acq: 29 Oct 2019 16:38

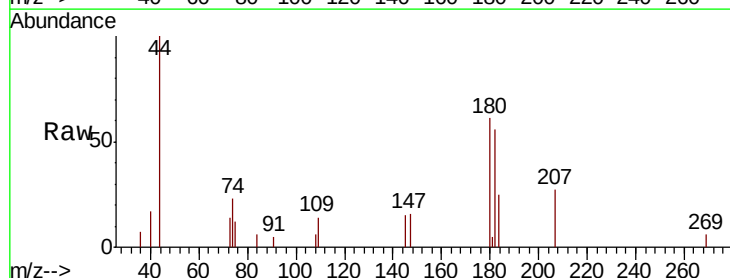
Tgt Ion:180 Resp: 2080

Ion Ratio Lower Upper

180 100

182 86.2 75.8 113.8

145 24.1 23.7 35.5



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

