

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102919\
 Data File : VU035538.D
 Acq On : 29 Oct 2019 12:56
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 30 05:13:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U102919DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Oct 30 05:08:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----	-----	-----	-----	-----	-----	-----
1) Fluorobenzene	6.16	96	77479	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.66	95	28618	0.96	ug/l	0.00
Spiked Amount 1.000			Recovery	=	96.00%	
68) 1,2-Dichlorobenzene-d4	12.22	152	30140	0.94	ug/l	0.00
Spiked Amount 1.000			Recovery	=	94.00%	
Target Compounds						
					Ovalue	
2) Dichlorodifluoromethane	1.40	85	137885	4.839	ug/l	99
3) Chloromethane	1.54	50	173299	5.449	ug/l	99
4) Vinyl Chloride	1.62	62	151745	4.911	ug/l	98
5) Bromomethane	1.88	94	71350	4.043	ug/l	95
6) Chloroethane	1.95	64	89025	4.985	ug/l	99
7) Trichlorofluoromethane	2.16	101	186396	4.910	ug/l	97
8) 1,1,2-Trichloro-1,2,2-trif	2.61	101	100398	4.897	ug/l	99
9) 1,1-Dichloroethene	2.61	96	96352	4.689	ug/l	99
10) Iodomethane	2.75	142	53019	2.976	ug/l	96
11) Allyl Chloride	2.96	41	161776	4.774	ug/l	100
12) Acrylonitrile	3.37	53	45810	10.341	ug/l	92
13) Acetone	2.67	43	117368	31.416	ug/l	99
14) Carbon Disulfide	2.82	76	343701	4.762	ug/l	99
15) Methylene Chloride	3.08	84	117782	4.863	ug/l	98
16) trans-1,2-Dichloroethene	3.39	96	107610	4.689	ug/l	99
17) 1,1-Dichloroethane	3.92	63	203032	4.655	ug/l	100
18) 2-Butanone	4.79	43	151495	28.754	ug/l	99
19) Cyclohexane	5.43	56	148914	4.438	ug/l	100
20) Methylcyclohexane	6.80	83	167250	4.720	ug/l	98
21) 2,2-Dichloropropane	4.72	77	172020	4.778	ug/l	98
22) cis-1,2-Dichloroethene	4.72	96	117339	4.718	ug/l	100
23) Diethyl Ether	2.41	59	82198	5.253	ug/l	97
24) tert-Butyl Alcohol	3.26	59	90411	42.021	ug/l	99
25) Methyl tert-Butyl Ether	3.43	73	262438	5.240	ug/l	99
26) Bromochloromethane	5.02	128	51899	4.918	ug/l	99
27) Chloroform	5.14	83	207367	4.551	ug/l	99
28) 1,1,1-Trichloroethane	5.36	97	172104	4.825	ug/l	99
29) 1,1-Dichloropropene	5.57	75	148978	4.850	ug/l	98
30) Carbon Tetrachloride	5.57	117	154747	4.843	ug/l	100
31) Isopropyl Ether	4.07	45	281433	4.498	ug/l	96
32) Ethyl-t-butyl ether	4.57	59	265814	4.899	ug/l	98
33) Tert-Amyl methyl ether	6.00	73	234986	5.149	ug/l	99
34) Propionitrile	4.85	54	45334	30.080	ug/l #	96
35) Benzene	5.82	78	445261	4.827	ug/l	100
36) 1,2-Dichloroethane	5.84	62	126499	5.269	ug/l	99
37) Trichloroethene	6.58	130	119842	4.652	ug/l	98
38) 1,2-Dichloropropane	6.84	63	121156	4.935	ug/l	96
39) Methacrylonitrile	5.04	41	33704	5.411	ug/l	97
40) Methyl acrylate	4.91	55	51987	5.469	ug/l	97
41) Tetrahydrofuran	5.14	42	34109	10.710	ug/l #	36
42) 1-Chlorobutane	5.50	56	203664	4.885	ug/l	98

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 ALS Vial : 6 Sample Multiplier: 1

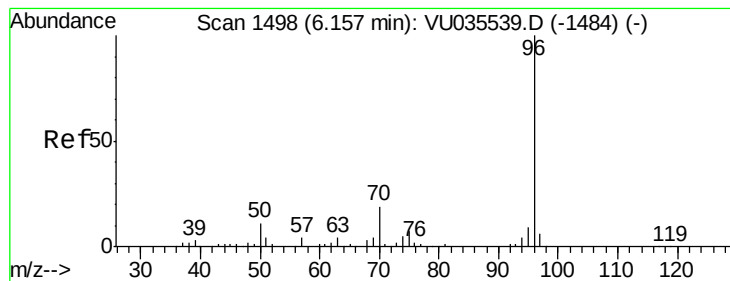
Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 30 05:13:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U102919DW.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

43) Dibromomethane	6.96	93	59474	5.060	ug/l	94
44) Bromodichloromethane	7.15	83	151179	5.065	ug/l	99
45) 4-Methyl-2-Pentanone	7.84	43	329333	27.448	ug/l	99
46) t-1,4-Dichloro-2-butene	10.85	75	117818	23.591	ug/l #	63
47) Methyl methacrylate	7.01	69	102762	10.952	ug/l	99
48) Ethyl methacrylate	8.38	69	90577	5.348	ug/l	94
49) Toluene	8.01	92	263030	4.893	ug/l	99
50) t-1,3-Dichloropropene	8.25	75	136926	5.460	ug/l	99
51) cis-1,3-Dichloropropene	7.65	75	158602	5.109	ug/l	100
52) 1,1,2-Trichloroethane	8.44	97	83252	5.112	ug/l	98
53) 1,3-Dichloropropane	8.61	76	146439	5.362	ug/l	98
54) 2-Hexanone	8.73	43	243949	30.148	ug/l	96
55) Dibromochloromethane	8.84	129	103569	5.228	ug/l	100
56) 1,2-Dibromoethane	8.96	107	77362	5.142	ug/l	97
58) Tetrachloroethene	8.58	164	112423	4.612	ug/l	98
59) Chlorobenzene	9.48	112	291955	4.839	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.57	131	113518	5.063	ug/l	98
61) Pentachloroethane	11.46	117	91786	5.035	ug/l	97
62) Hexachloroethane	12.50	117	82653	5.080	ug/l	99
63) Ethyl Benzene	9.60	91	478569	4.973	ug/l	100
64) m/p-Xylenes	9.73	106	394394	10.154	ug/l #	1
65) o-Xylene	10.13	106	183440	4.955	ug/l	99
66) Styrene	10.14	104	314348	5.065	ug/l	99
67) Bromoform	10.32	173	65747	5.569	ug/l	100
69) Isopropylbenzene	10.51	105	479029	4.954	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.81	83	112818	5.356	ug/l #	64
71) 1,2,3-Trichloropropane	10.85	75	117818	8.019	ug/l #	65
72) Bromobenzene	10.81	156	130753	4.959	ug/l	99
73) n-propylbenzene	10.93	120	138970	4.984	ug/l	96
74) 2-Chlorotoluene	11.01	126	126718	5.027	ug/l	100
75) 1,3,5-Trimethylbenzene	11.11	105	407065	4.748	ug/l	100
76) 4-Chlorotoluene	11.13	126	129778	5.047	ug/l	97
77) tert-Butylbenzene	11.45	119	402359	4.804	ug/l	100
78) 1,2,4-Trimethylbenzene	11.49	105	412182	4.760	ug/l	100
79) sec-Butylbenzene	11.67	105	527198	4.697	ug/l	100
80) Nitrobenzene	13.24	77	8129	18.873	ug/l	97
81) p-Isopropyltoluene	11.82	119	422903	4.550	ug/l #	68
82) 1,3-Dichlorobenzene	11.77	146	246513	4.547	ug/l	99
83) 1,4-Dichlorobenzene	11.86	146	241386	4.485	ug/l	99
84) n-Butylbenzene	12.23	91	332839	3.930	ug/l	100
85) 1,2-Dichlorobenzene	12.24	146	232926	4.711	ug/l	99
86) 1,2-Dibromo-3-Chloropropan	13.02	75	14857	5.353	ug/l	98
87) 1,2,4-Trichlorobenzene	13.87	180	87632	3.253	ug/l	96
88) Hexachlorobutadiene	14.04	225	78576	3.735	ug/l	98
89) Naphthalene	14.11	128	114389	3.249	ug/l	99
90) 1,2,3-Trichlorobenzene	14.36	180	89807	3.582	ug/l	99

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



#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 6.16 min Scan# 1498

Delta R.T. -0.00 min

Lab File: VU035538.D

Acq: 29 Oct 2019 12:56

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 96 Resp: 77479

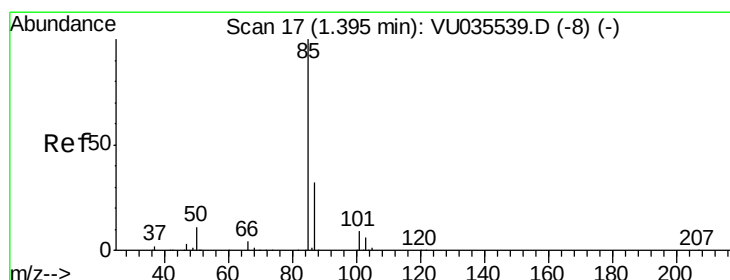
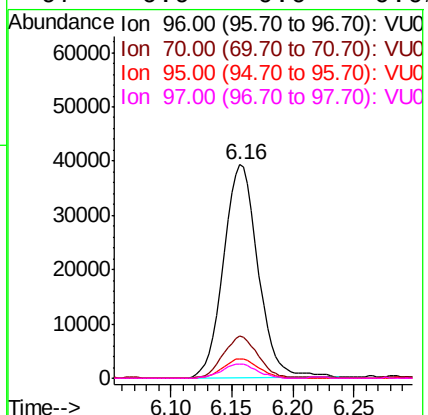
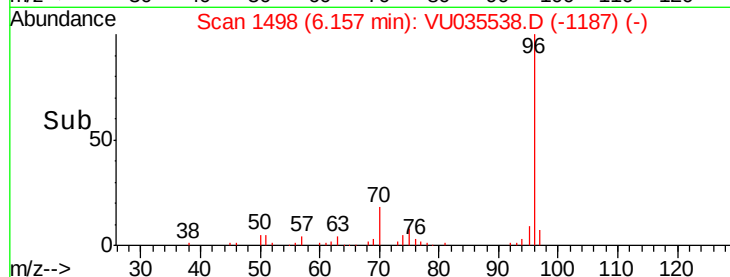
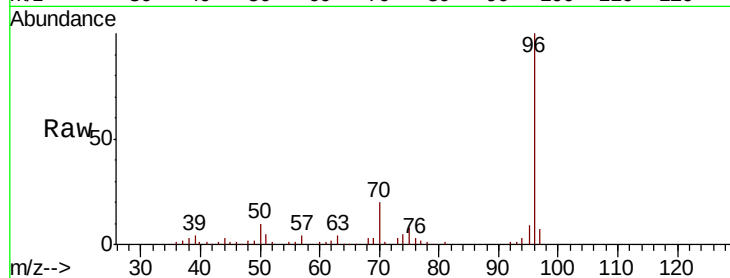
Ion Ratio Lower Upper

96 100

70 19.5 15.8 23.8

95 9.3 7.4 11.2

97 6.9 0.0 0.0#



#2

Dichlorodifluoromethane

Concen: 4.839 ug/l

RT: 1.40 min Scan# 18

Delta R.T. 0.00 min

Lab File: VU035538.D

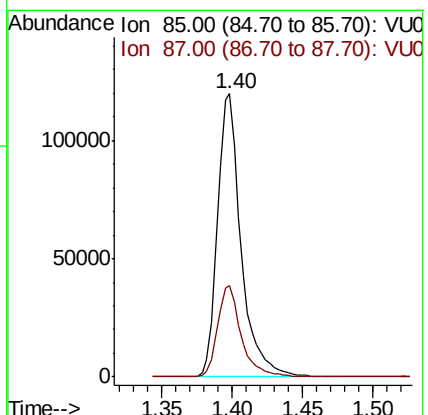
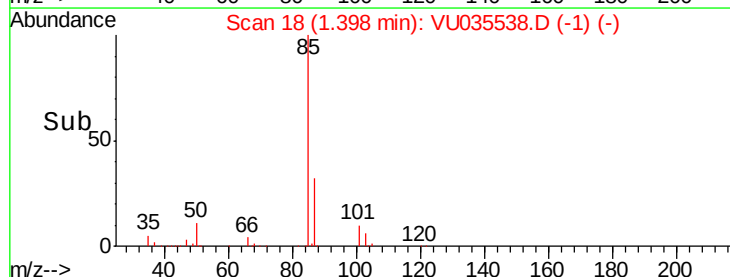
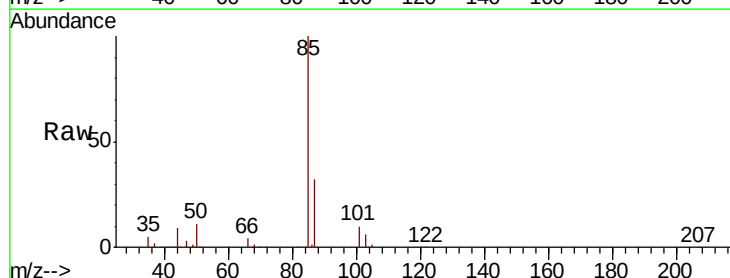
Acq: 29 Oct 2019 12:56

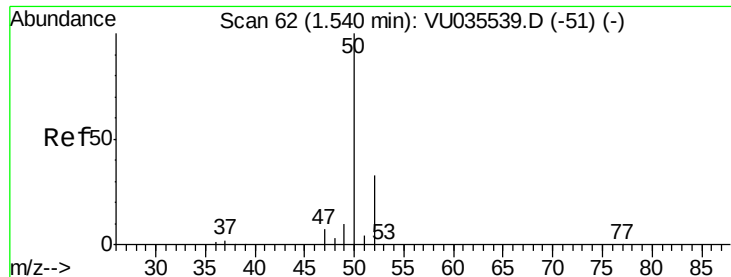
Tgt Ion: 85 Resp: 137885

Ion Ratio Lower Upper

85 100

87 32.1 15.8 47.4





#3

Chloromethane

Concen: 5.449 ug/l

RT: 1.54 min Scan# 62

Delta R.T. -0.00 min

Lab File: VU035538.D

Acq: 29 Oct 2019 12:56

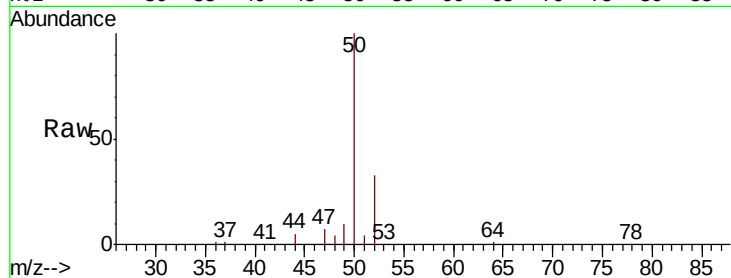
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 50 Resp: 173299

Ion Ratio Lower Upper

50 100

52 33.0 26.0 39.0



Abundance Ion 50.00 (49.70 to 50.70): VU035538.D (-51) (-)

Ion 52.00 (51.70 to 52.70): VU035538.D (-51) (-)

1.54

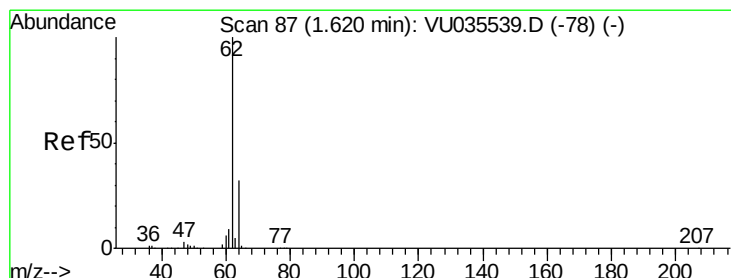
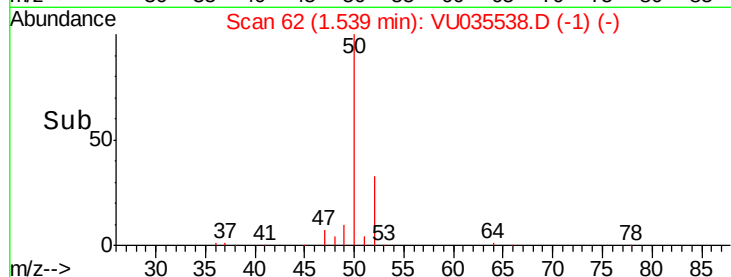
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 4.911 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VU035538.D

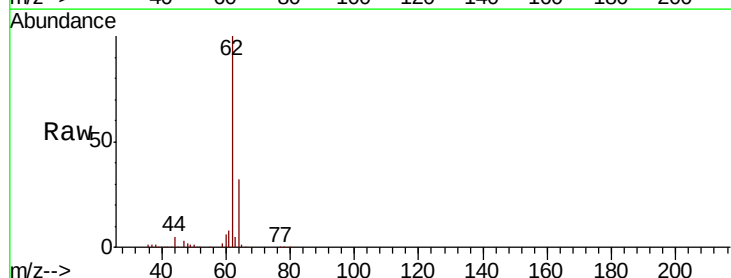
Acq: 29 Oct 2019 12:56

Tgt Ion: 62 Resp: 151745

Ion Ratio Lower Upper

62 100

64 31.0 25.6 38.4



Abundance Ion 62.00 (61.70 to 62.70): VU035538.D (-78) (-)

Ion 64.00 (63.70 to 64.70): VU035538.D (-78) (-)

1.62

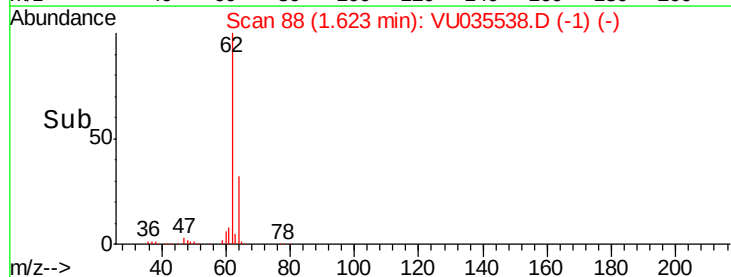
150000

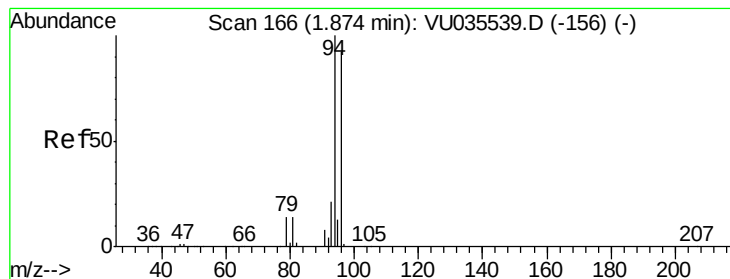
100000

50000

0

Time-->





#5

Bromomethane

Concen: 4.043 ug/l

RT: 1.88 min Scan# 167

Delta R.T. 0.00 min

Lab File: VU035538.D

Acq: 29 Oct 2019 12:56

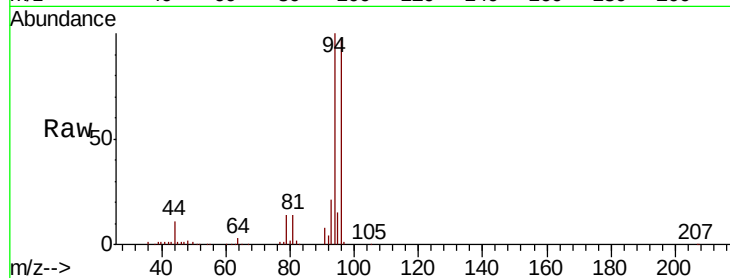
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 94 Resp: 71350

Ion Ratio Lower Upper

94 100

96 97.4 73.8 110.8

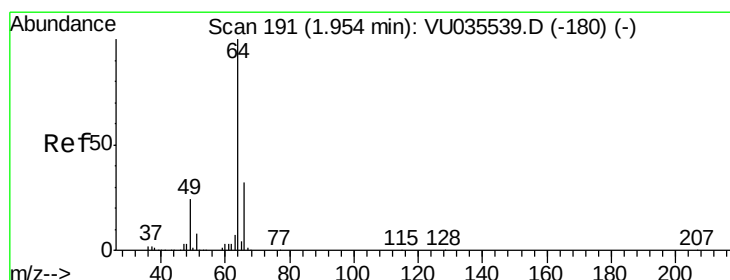
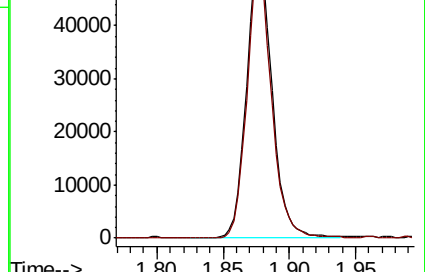
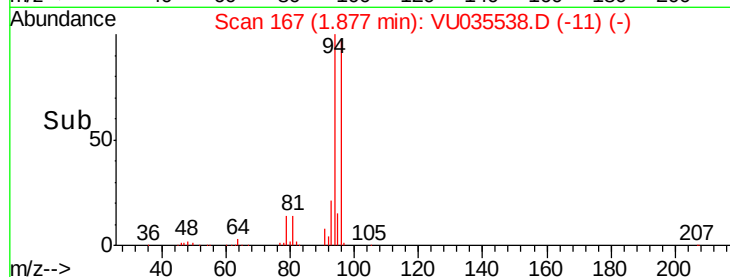


Abundance Ion 94.00 (93.70 to 94.70): VU035538.D (-156) (-)

Ion 96.00 (95.70 to 96.70): VU035538.D (-156) (-)

1.88

Time-->



#6

Chloroethane

Concen: 4.985 ug/l

RT: 1.95 min Scan# 191

Delta R.T. -0.00 min

Lab File: VU035538.D

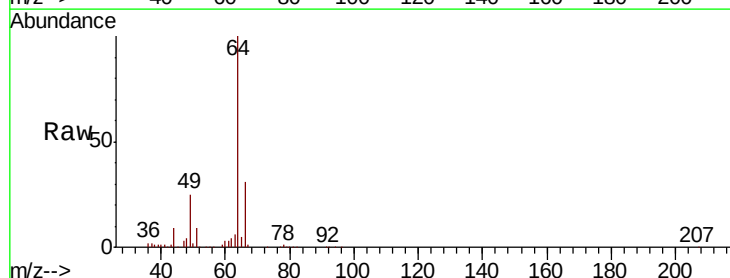
Acq: 29 Oct 2019 12:56

Tgt Ion: 64 Resp: 89025

Ion Ratio Lower Upper

64 100

66 31.9 25.9 38.9

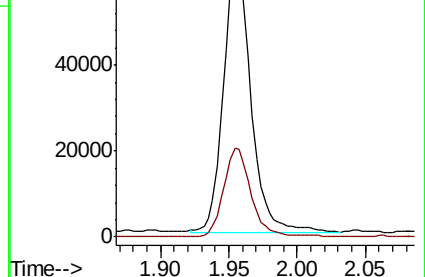
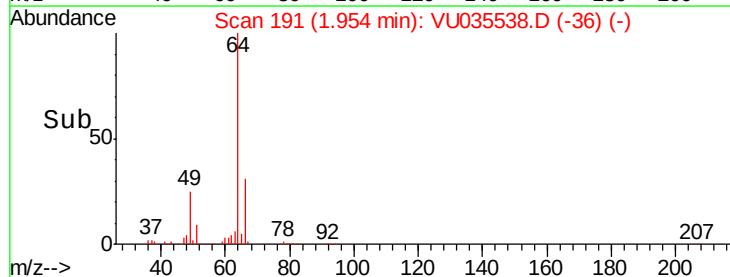


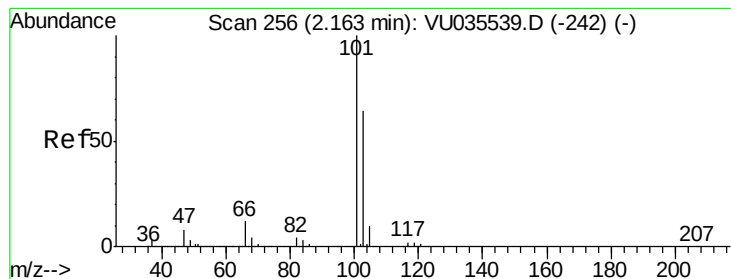
Abundance Ion 64.00 (63.70 to 64.70): VU035538.D (-180) (-)

Ion 66.00 (65.70 to 66.70): VU035538.D (-180) (-)

1.95

Time-->



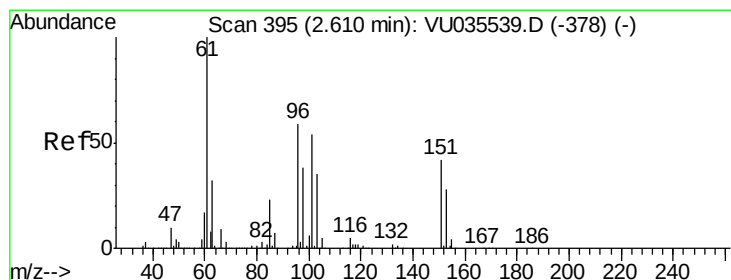
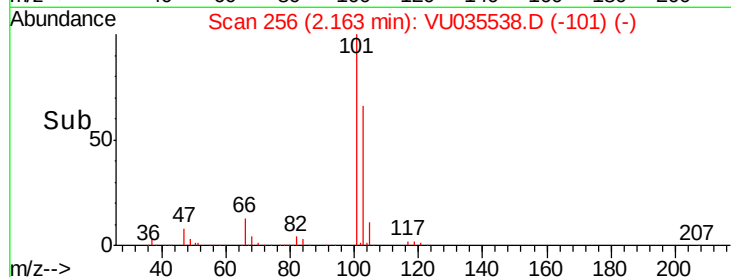
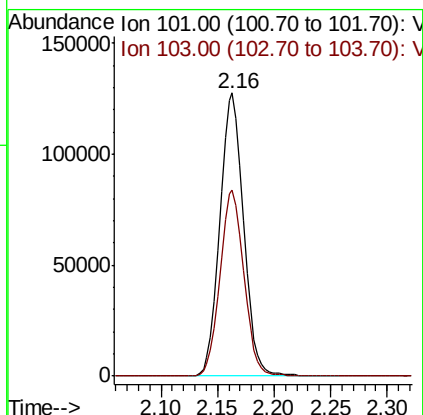
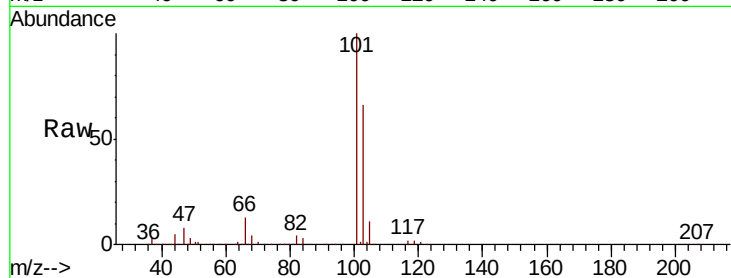


#7

Trichlorofluoromethane
 Concen: 4.910 ug/l
 RT: 2.16 min Scan# 256
 Delta R.T. -0.00 min
 Lab File: VU035538.D
 Acq: 29 Oct 2019 12:56

Instrument :
 MSVOA_U
 ClientSampled :

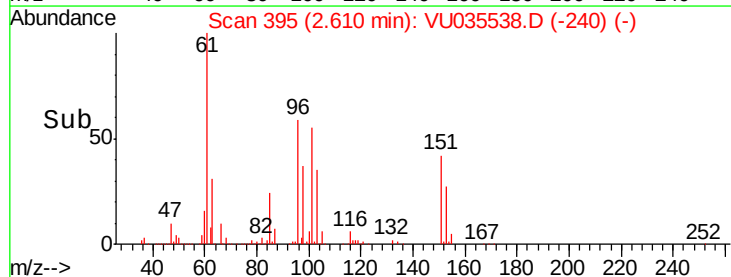
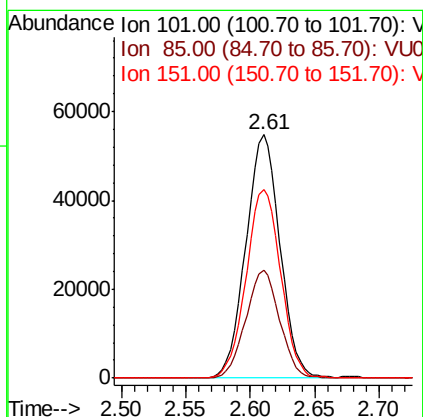
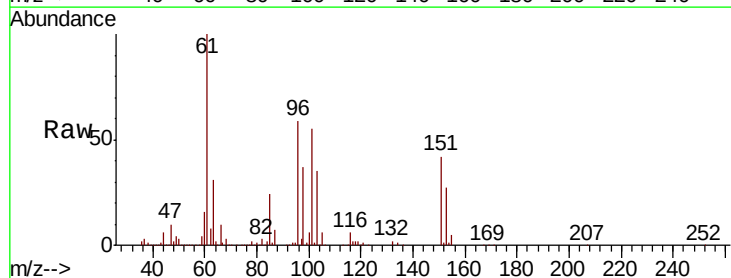
Tot Ion	101	Resp	186396
Ion	Ratio	Lower	Upper
101	100		
103	65.9	51.0	76.6

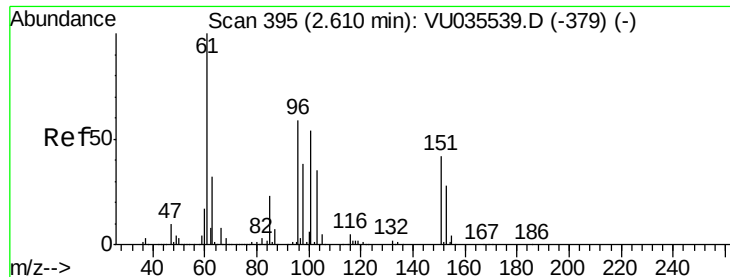


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.897 ug/l
 RT: 2.61 min Scan# 395
 Delta R.T. -0.00 min
 Lab File: VU035538.D
 Acq: 29 Oct 2019 12:56

Tgt Ion	101	Resp	100398
Ion	Ratio	Lower	Upper
101	100		
85	44.5	35.8	53.6
151	78.8	61.8	92.6





#9

1,1-Dichloroethene

Concen: 4.689 ug/l

RT: 2.61 min Scan# 395

Delta R.T. -0.00 min

Lab File: VU035538.D

Acq: 29 Oct 2019 12:56

Instrument :

MSVOA_U

ClientSampleId :

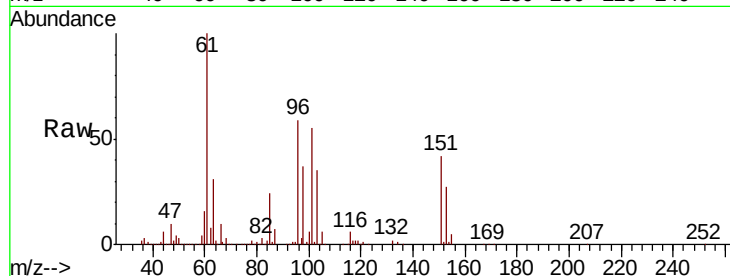
Tot Ion: 96 Resp: 96352

Ion Ratio Lower Upper

96 100

61 170.4 0.0 508.8

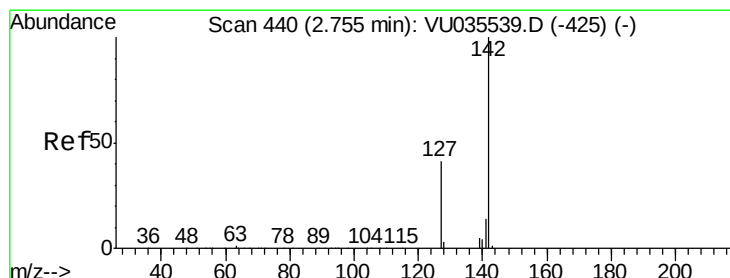
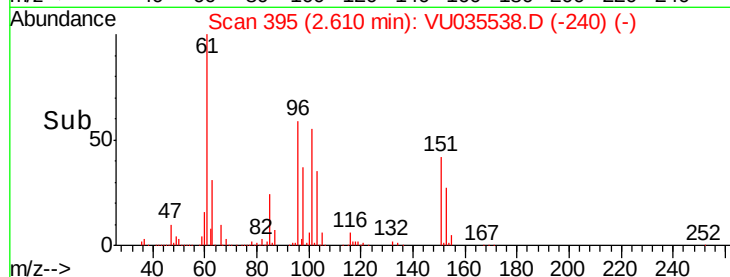
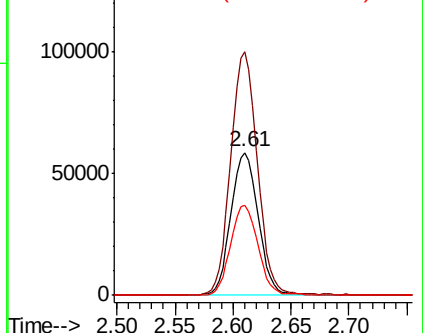
98 63.4 0.0 130.4



Abundance Ion 96.00 (95.70 to 96.70): VU035539.D (-379) (-)

Ion 61.00 (60.70 to 61.70): VU035539.D (-379) (-)

Ion 98.00 (97.70 to 98.70): VU035539.D (-379) (-)



#10

Iodomethane

Concen: 2.976 ug/l

RT: 2.75 min Scan# 440

Delta R.T. -0.00 min

Lab File: VU035538.D

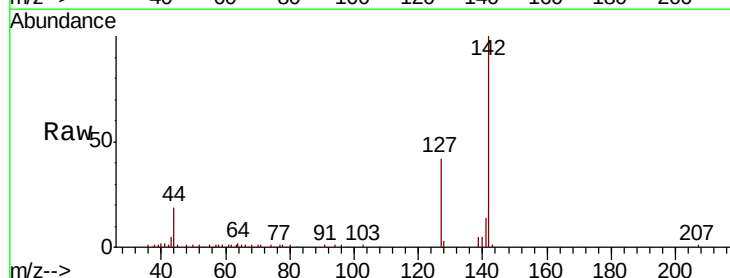
Acq: 29 Oct 2019 12:56

Tgt Ion: 142 Resp: 53019

Ion Ratio Lower Upper

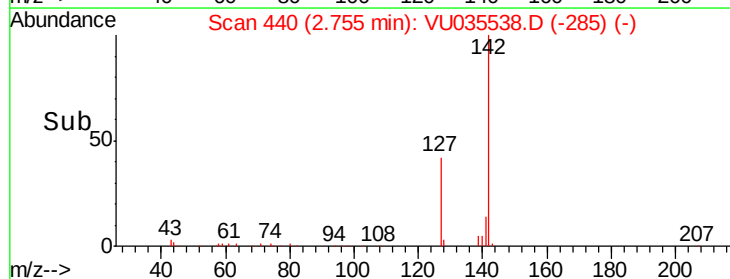
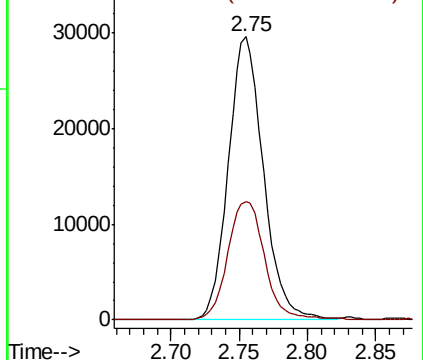
142 100

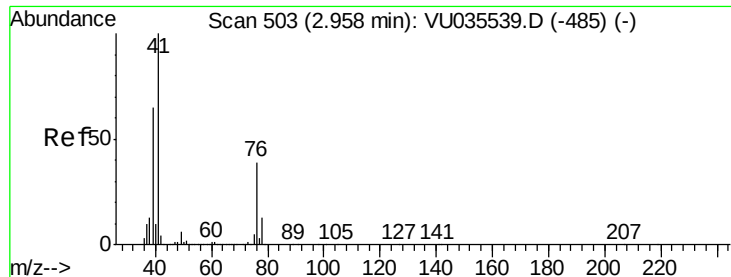
127 44.1 33.4 50.0



Abundance Ion 142.00 (141.70 to 142.70): VU035539.D (-425) (-)

Ion 127.00 (126.70 to 127.70): VU035539.D (-425) (-)

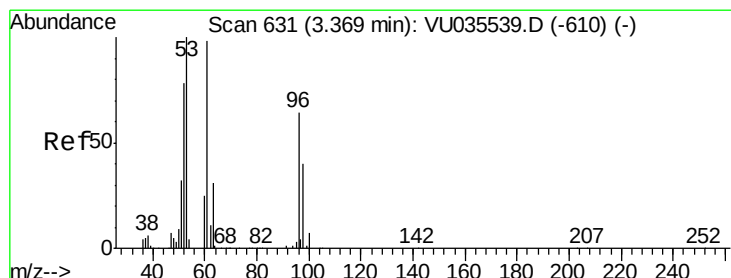
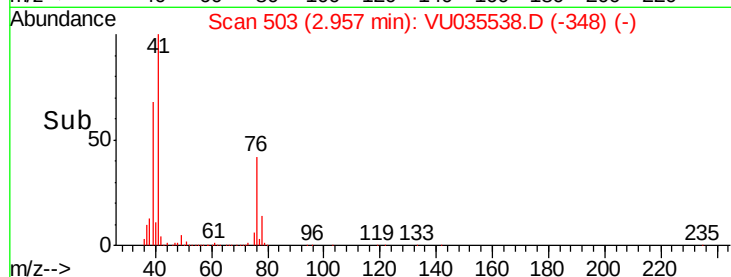
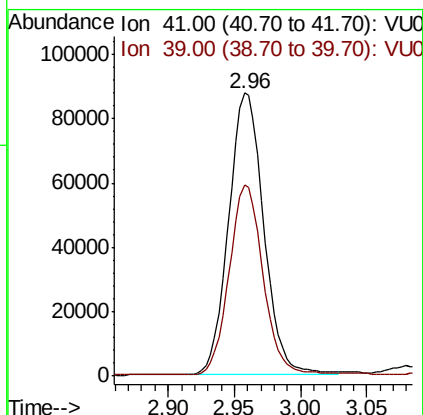
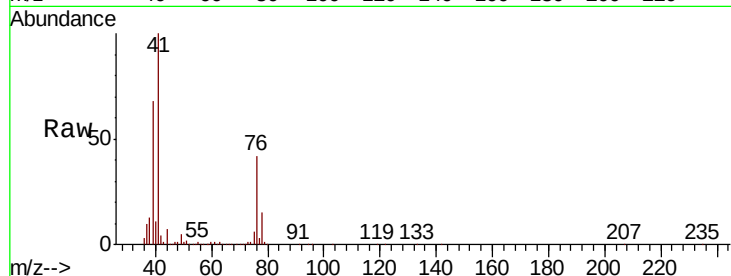




#11
Allvl Chloride
Concen: 4.774 ug/l
RT: 2.96 min Scan# 503
Delta R.T. -0.00 min
Lab File: VU035538.D
Acq: 29 Oct 2019 12:56

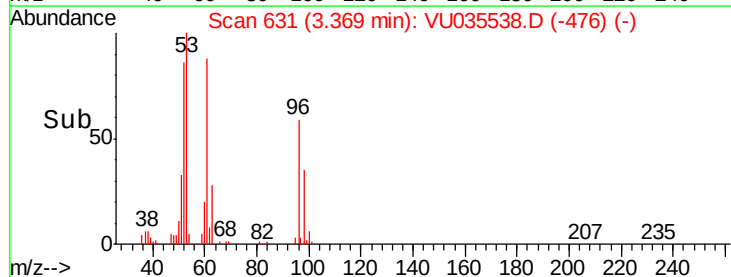
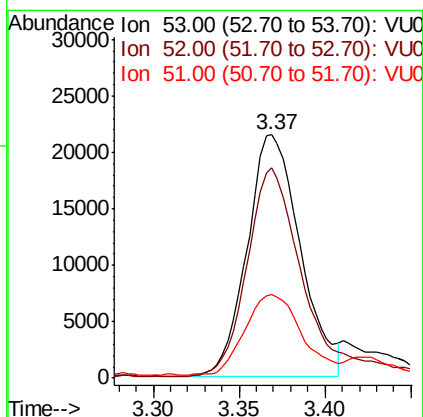
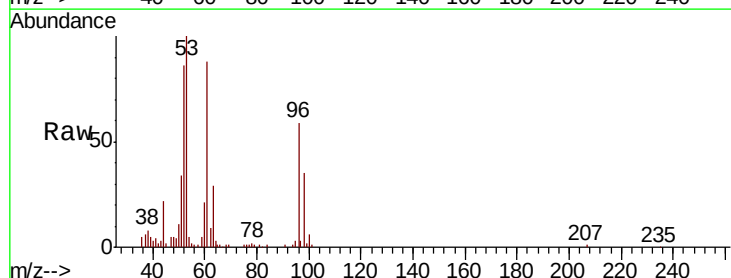
Instrument :
MSVOA_U
ClientSampleId :

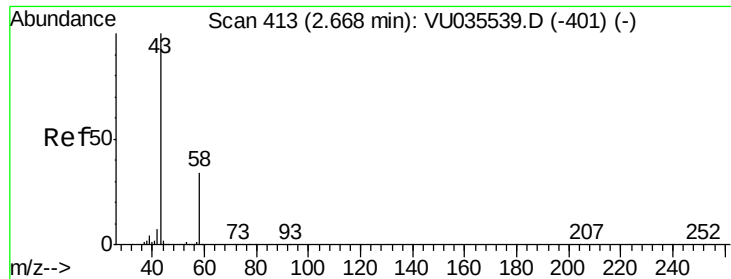
Tot Ion: 41 Resp: 161776
Ion Ratio Lower Upper
41 100
39 65.3 52.0 78.0



#12
Acrylonitrile
Concen: 10.341 ug/l
RT: 3.37 min Scan# 631
Delta R.T. -0.00 min
Lab File: VU035538.D
Acq: 29 Oct 2019 12:56

Tgt Ion: 53 Resp: 45810
Ion Ratio Lower Upper
53 100
52 93.5 67.4 101.0
51 35.3 27.0 40.4





#13

Acetone

Concen: 31.416 ug/l

RT: 2.67 min Scan# 414

Delta R.T. 0.00 min

Lab File: VU035538.D

Acq: 29 Oct 2019 12:56

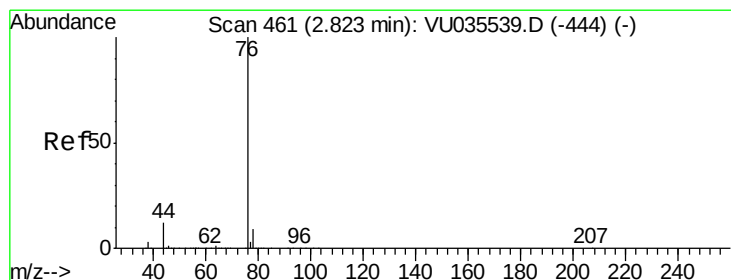
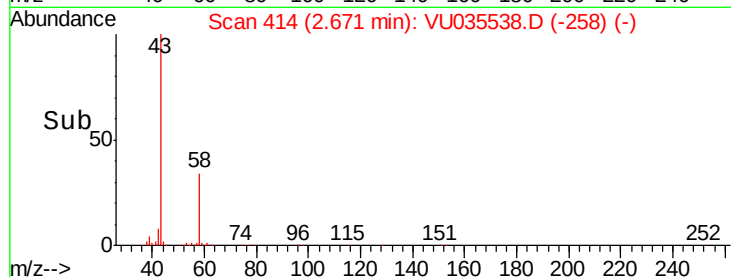
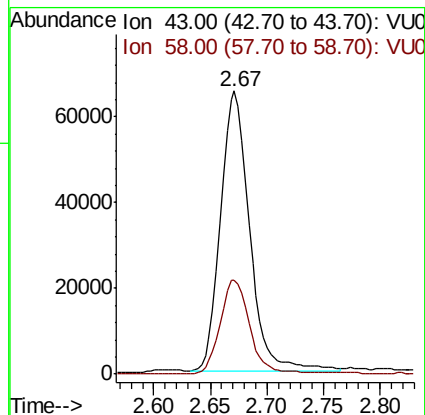
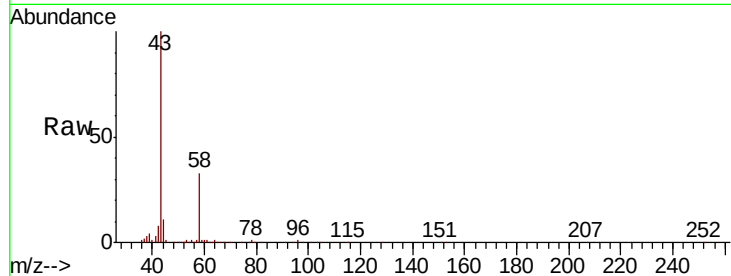
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 117368

Ion Ratio Lower Upper

43 100

58 33.7 27.6 41.4



#14

Carbon Disulfide

Concen: 4.762 ug/l

RT: 2.82 min Scan# 461

Delta R.T. -0.00 min

Lab File: VU035538.D

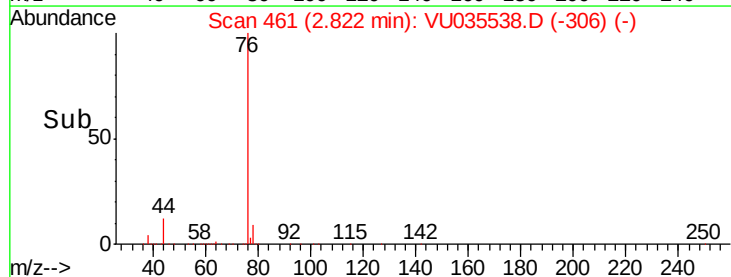
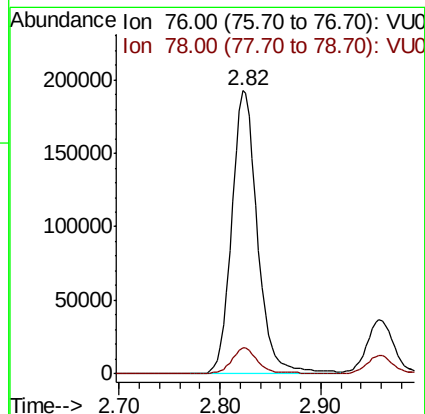
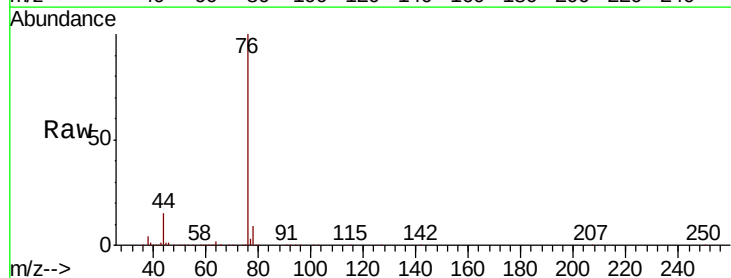
Acq: 29 Oct 2019 12:56

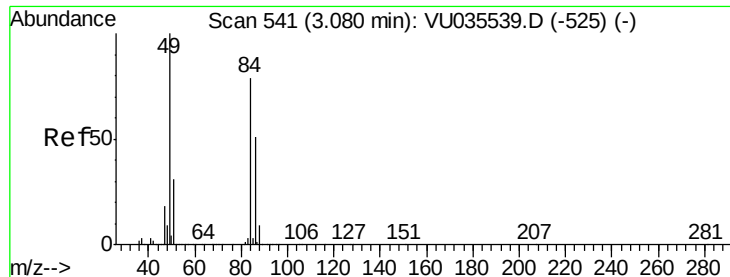
Tgt Ion: 76 Resp: 343701

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.2

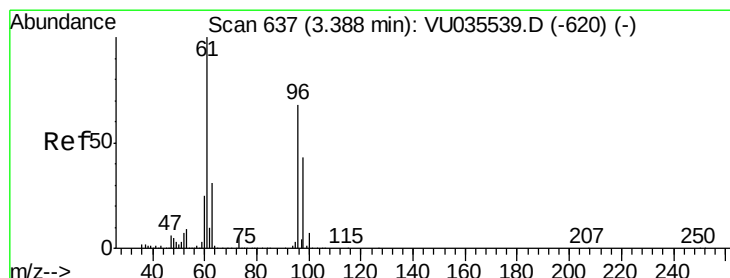
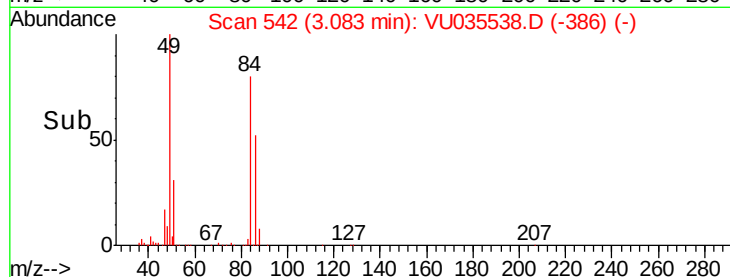
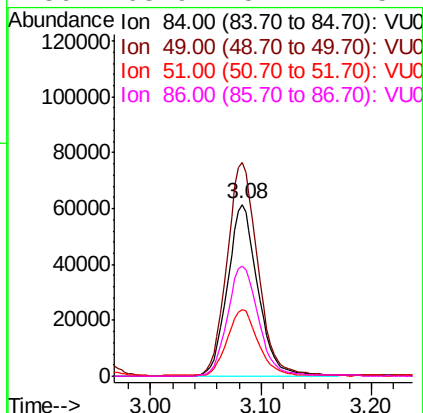
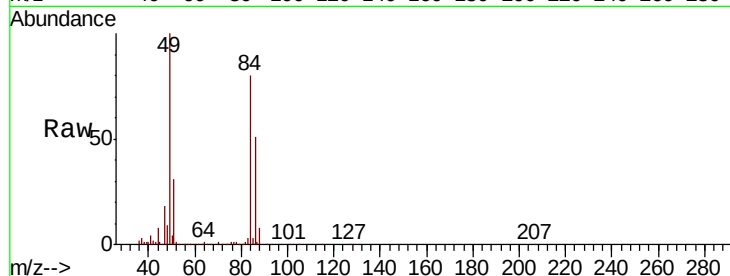




#15
Methylene Chloride
Concen: 4.863 ug/l
RT: 3.08 min Scan# 542
Delta R.T. 0.00 min
Lab File: VU035538.D
Acq: 29 Oct 2019 12:56

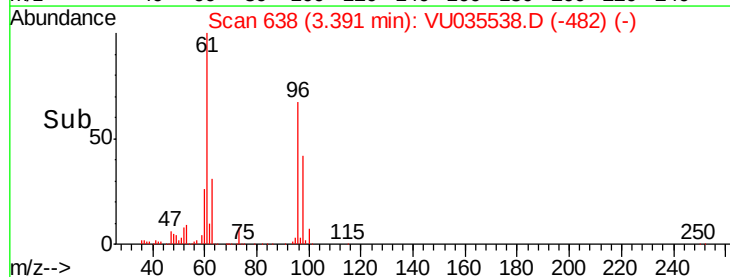
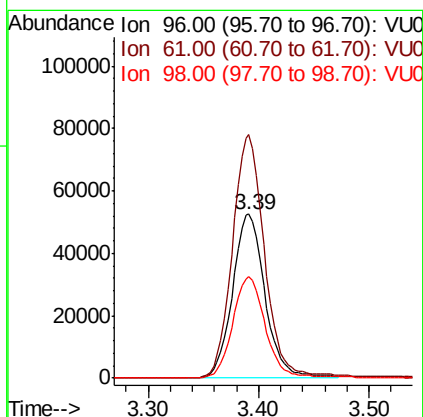
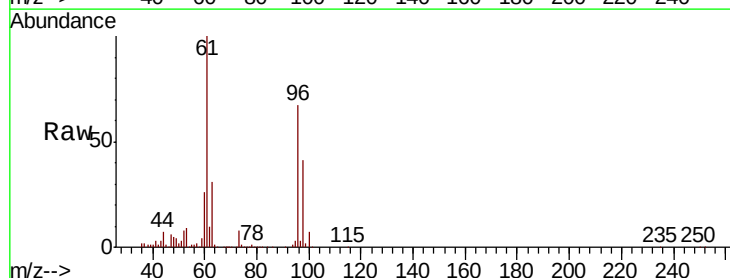
Instrument :
MSVOA_U
ClientSampled :

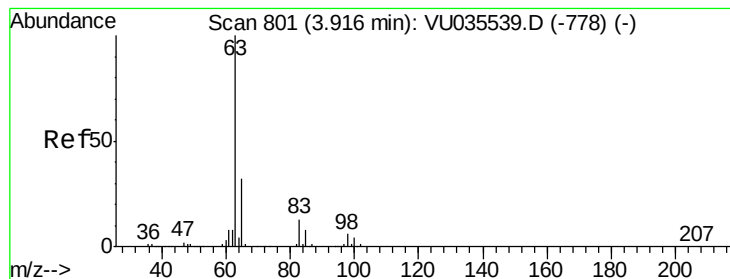
Tot Ion:	84	Resp:	117782
Ion	Ratio	Lower	Upper
84	100		
49	124.2	101.5	152.3
51	38.3	0.0	78.6
86	63.9	52.2	78.2



#16
trans-1,2-Dichloroethene
Concen: 4.689 ug/l
RT: 3.39 min Scan# 638
Delta R.T. 0.00 min
Lab File: VU035538.D
Acq: 29 Oct 2019 12:56

Tgt Ion:	96	Resp:	107610
Ion	Ratio	Lower	Upper
96	100		
61	148.7	117.8	176.8
98	61.6	50.2	75.2





#17

1,1-Dichloroethane

Concen: 4.655 ug/l

RT: 3.92 min Scan# 802

Delta R.T. 0.00 min

Lab File: VU035538.D

Acq: 29 Oct 2019 12:56

Instrument :
MSVOA_U
ClientSampled :

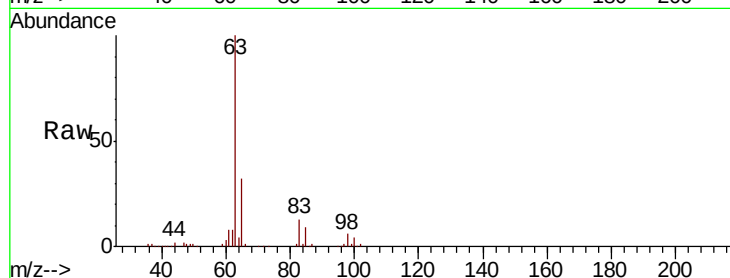
Tot Ion: 63 Resp: 203032

Ion Ratio Lower Upper

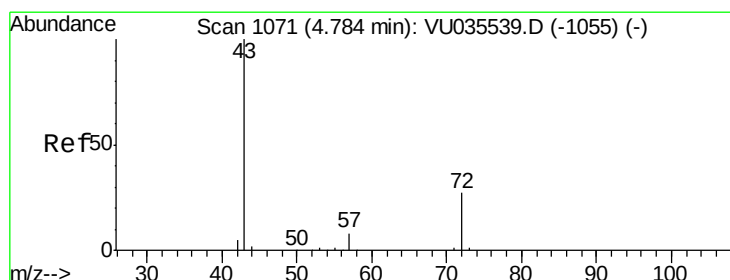
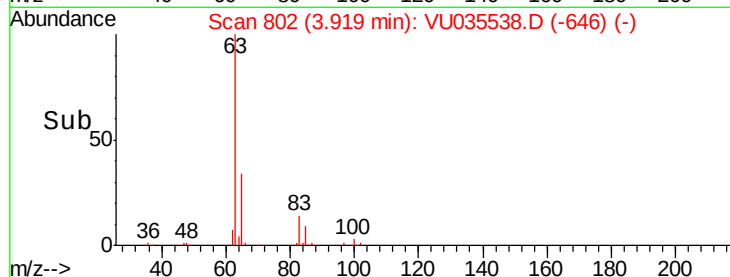
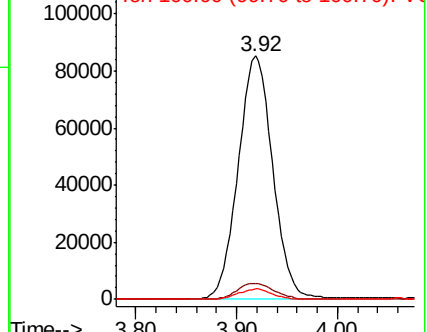
63 100

98 6.4 3.1 9.3

100 4.3 2.1 6.3



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: 28.754 ug/l

RT: 4.79 min Scan# 1072

Delta R.T. 0.00 min

Lab File: VU035538.D

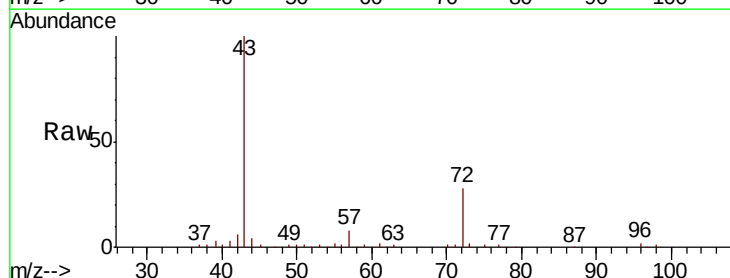
Acq: 29 Oct 2019 12:56

Tgt Ion: 43 Resp: 151495

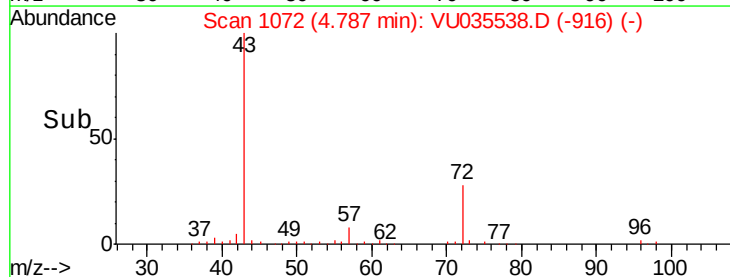
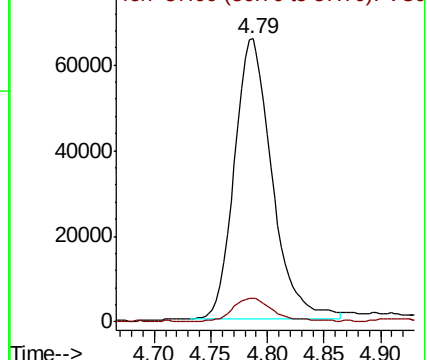
Ion Ratio Lower Upper

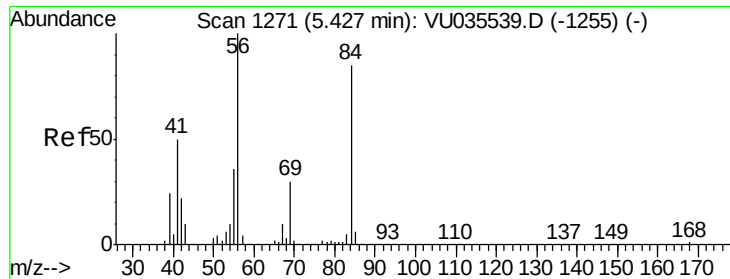
43 100

57 8.2 0.0 17.0



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

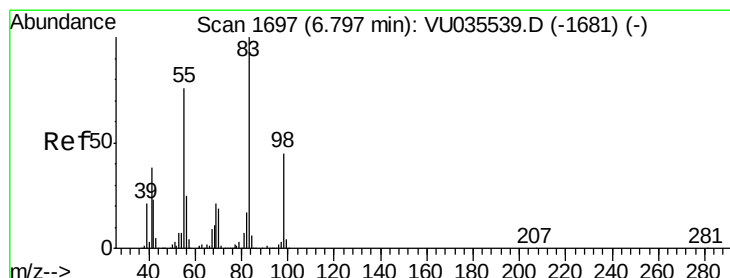
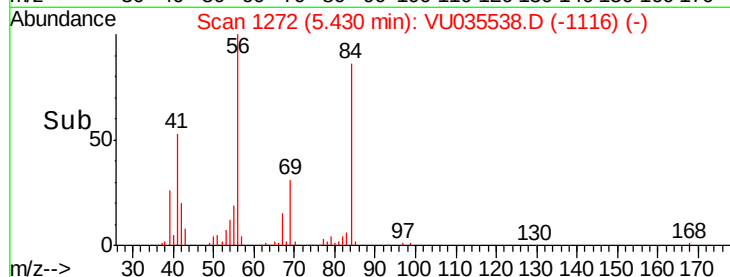
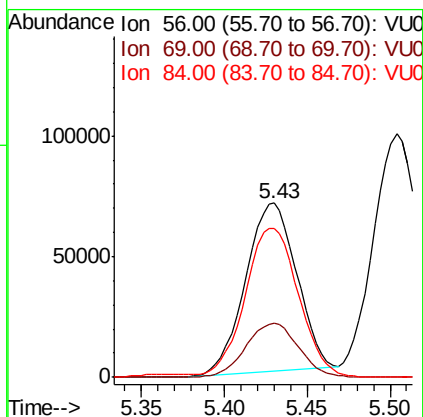
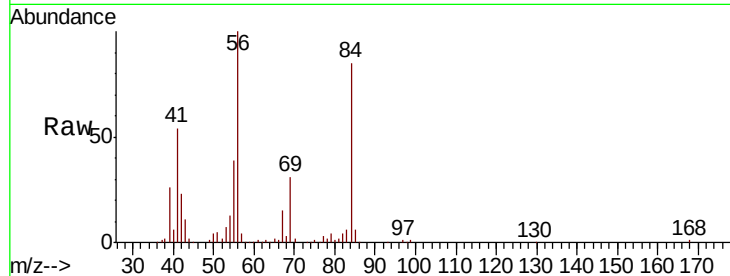




#19
Cyclohexane
Concen: 4.438 ug/l
RT: 5.43 min Scan# 1272
Delta R.T. 0.00 min
Lab File: VU035538.D
Acq: 29 Oct 2019 12:56

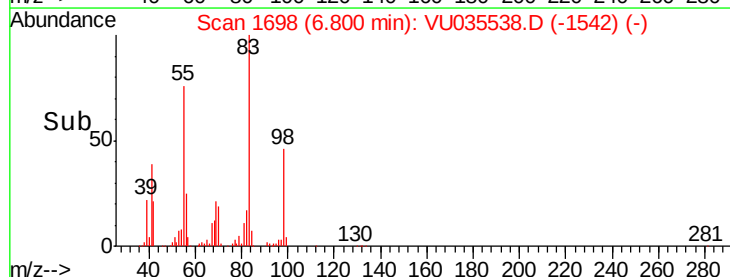
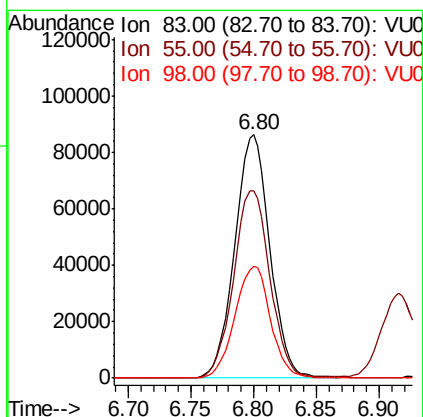
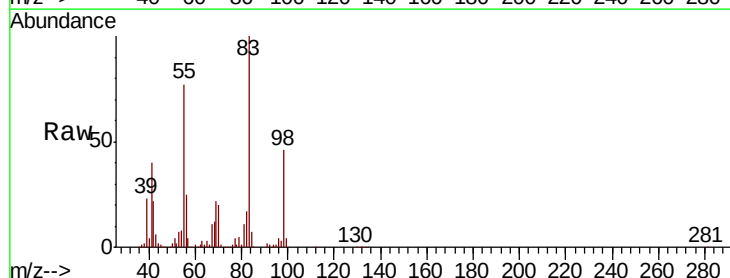
Instrument :
MSVOA_U
ClientSampled :

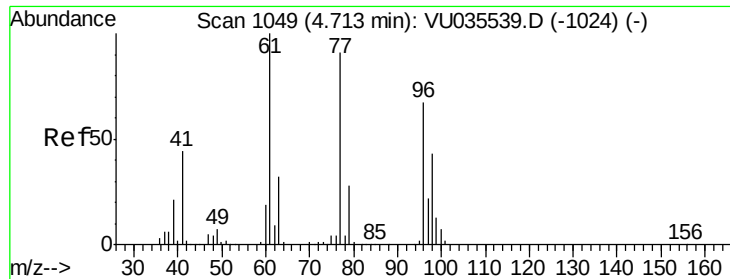
Tot Ion: 56 Resp: 148914
Ion Ratio Lower Upper
56 100
69 33.2 26.4 39.6
84 91.2 72.9 109.3



#20
Methylcyclohexane
Concen: 4.720 ug/l
RT: 6.80 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VU035538.D
Acq: 29 Oct 2019 12:56

Tgt Ion: 83 Resp: 167250
Ion Ratio Lower Upper
83 100
55 79.4 61.2 91.8
98 46.4 36.7 55.1

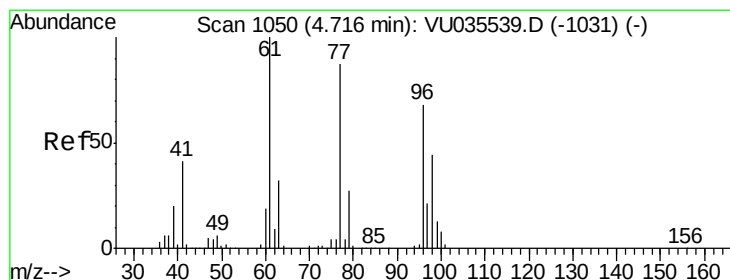
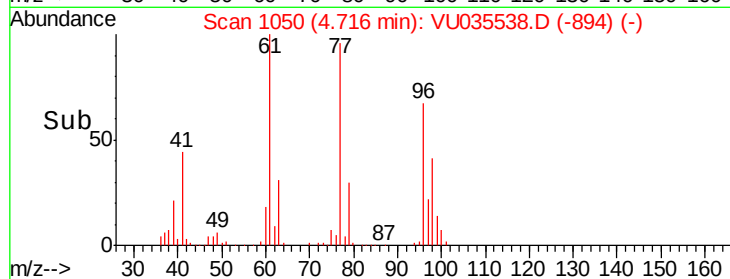
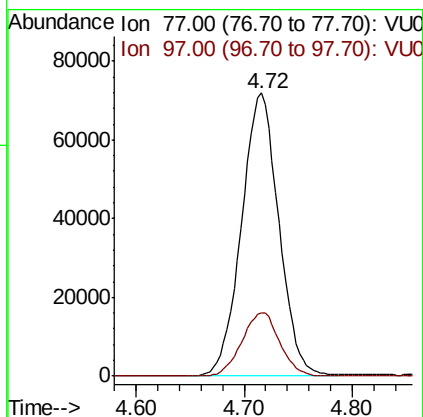
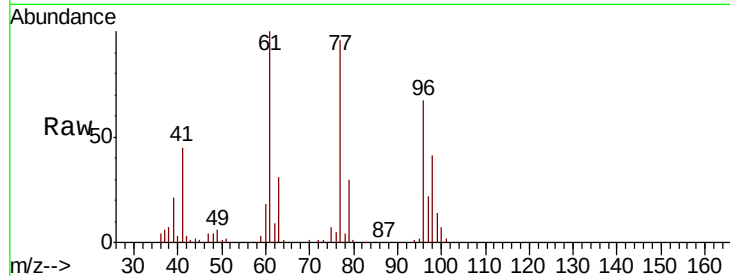




#21
 2,2-Dichloropropane
 Concen: 4.778 ug/l
 RT: 4.72 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VU035538.D
 Acq: 29 Oct 2019 12:56

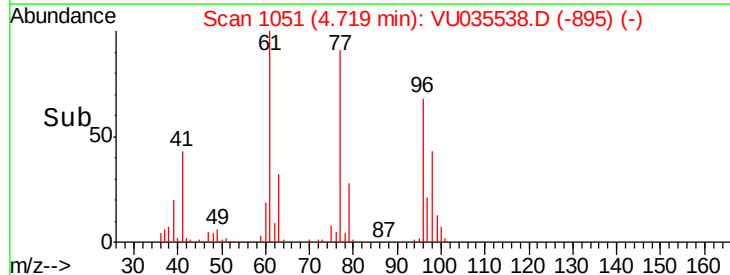
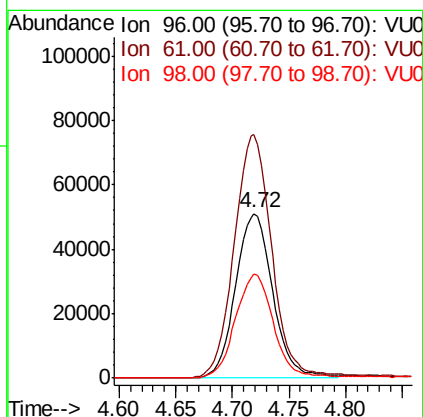
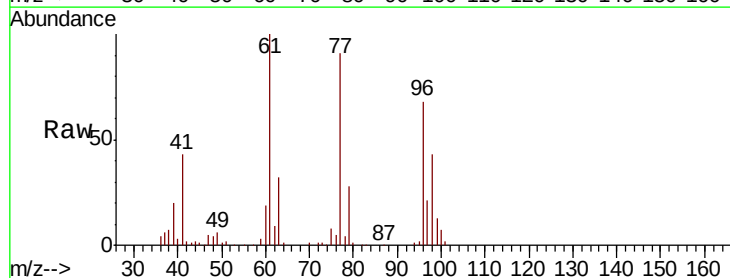
Instrument :
 MSVOA_U
 ClientSampleId :

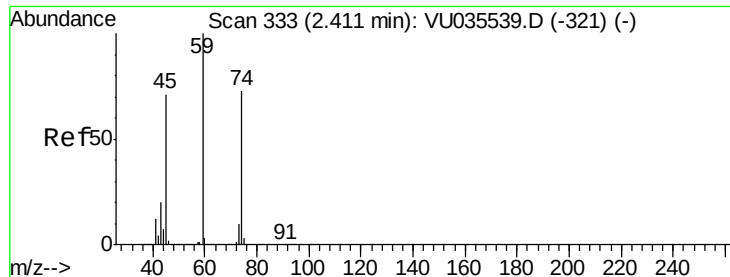
Tot Ion: 77 Resp: 172020
 Ion Ratio Lower Upper
 77 100
 97 22.8 18.8 28.2



#22
 cis-1,2-Dichloroethene
 Concen: 4.718 ug/l
 RT: 4.72 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VU035538.D
 Acq: 29 Oct 2019 12:56

Tgt Ion: 96 Resp: 117339
 Ion Ratio Lower Upper
 96 100
 61 148.3 0.0 370.5
 98 64.8 31.8 95.4

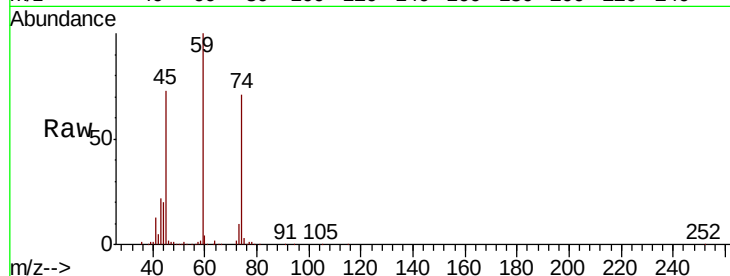




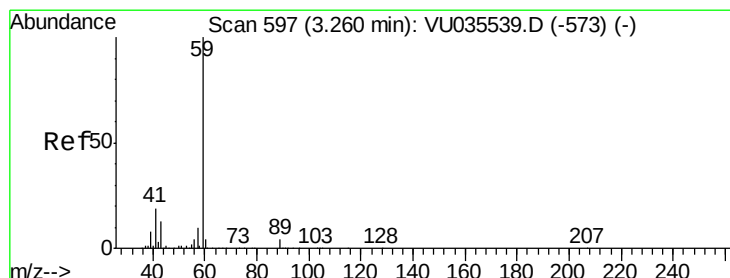
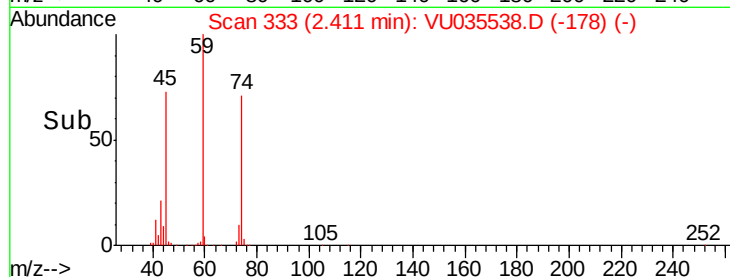
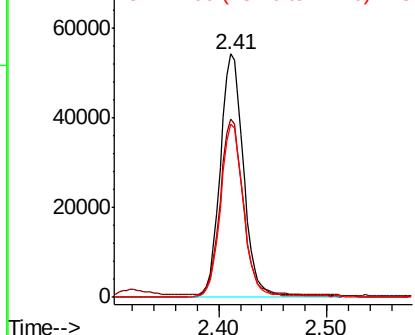
#23
Diethyl Ether
Concen: 5.253 ug/l
RT: 2.41 min Scan# 333
Delta R.T. -0.00 min
Lab File: VU035538.D
Acq: 29 Oct 2019 12:56

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 59 Resp: 82198
Ion Ratio Lower Upper
59 100
45 70.0 56.9 85.3
74 70.4 59.5 89.3

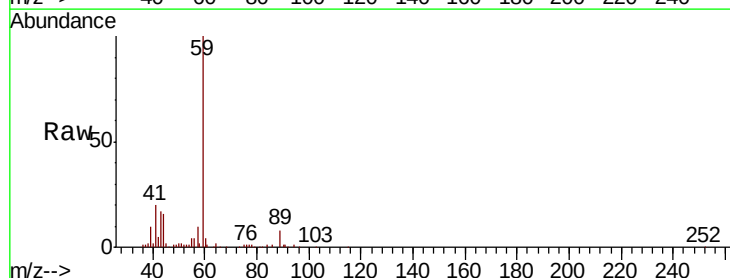


Abundance Ion 59.00 (58.70 to 59.70): VU0
Ion 45.00 (44.70 to 45.70): VU0
Ion 74.00 (73.70 to 74.70): VU0

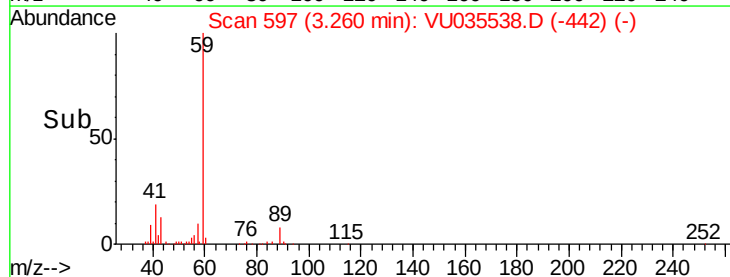
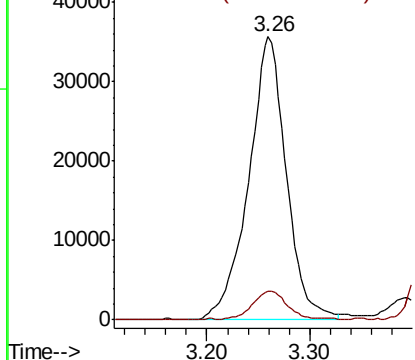


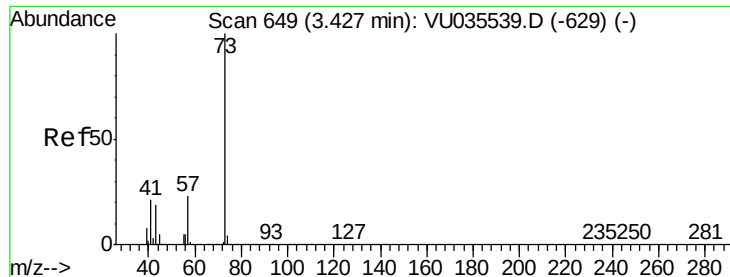
#24
tert-Butyl Alcohol
Concen: 42.021 ug/l
RT: 3.26 min Scan# 597
Delta R.T. -0.00 min
Lab File: VU035538.D
Acq: 29 Oct 2019 12:56

Tgt Ion: 59 Resp: 90411
Ion Ratio Lower Upper
59 100
57 9.7 7.4 11.0



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





#25

Methyl tert-Butyl Ether

Concen: 5.240 ug/l

RT: 3.43 min Scan# 649

Delta R.T. -0.00 min

Lab File: VU035538.D

Acq: 29 Oct 2019 12:56

Instrument :

MSVOA_U

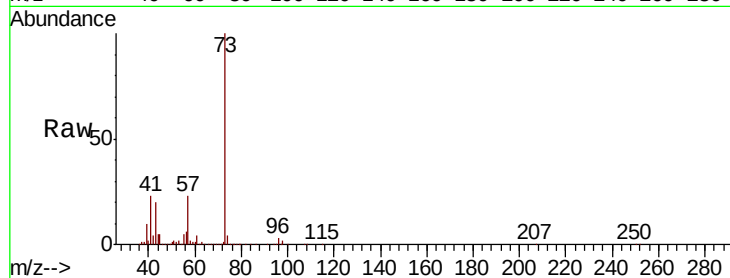
ClientSampleId :

Tot Ion: 73 Resp: 262438

Ion Ratio Lower Upper

73 100

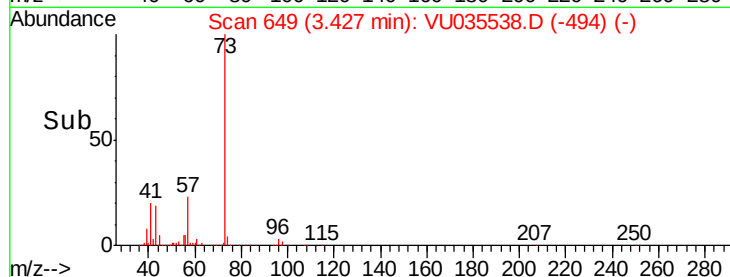
43 19.7 15.4 23.2



Abundance Ion 73.00 (72.70 to 73.70): VU035538.D (-629) (-)

Ion 43.00 (42.70 to 43.70): VU035538.D (-629) (-)

3.43

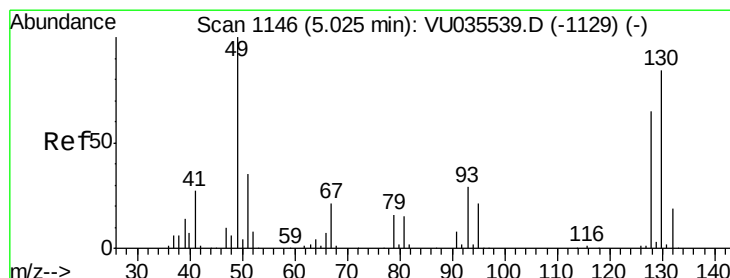


Abundance Ion 73.00 (72.70 to 73.70): VU035538.D (-629) (-)

Ion 43.00 (42.70 to 43.70): VU035538.D (-629) (-)

3.43

Time-->



#26

Bromochloromethane

Concen: 4.918 ug/l

RT: 5.02 min Scan# 1146

Delta R.T. -0.00 min

Lab File: VU035538.D

Acq: 29 Oct 2019 12:56

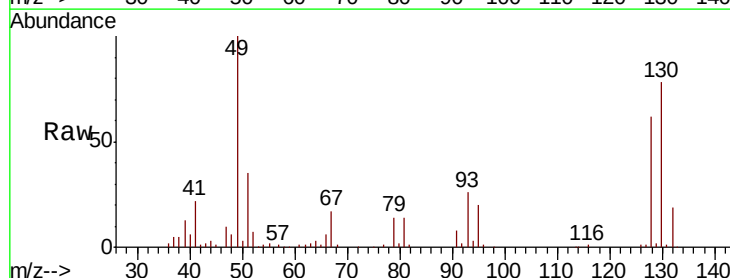
Tgt Ion: 128 Resp: 51899

Ion Ratio Lower Upper

128 100

49 155.6 0.0 309.0

130 126.1 101.8 152.8

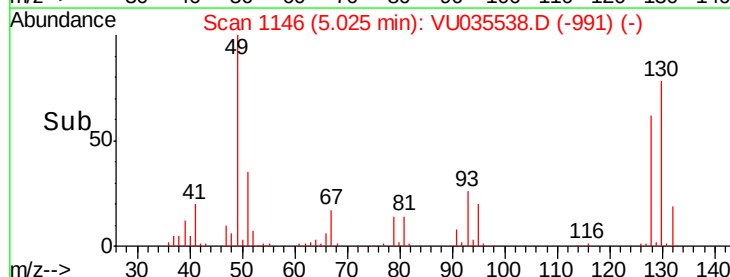


Abundance Ion 128.00 (127.70 to 128.70): VU035538.D (-1129) (-)

Ion 49.00 (48.70 to 49.70): VU035538.D (-1129) (-)

Ion 130.00 (129.70 to 130.70): VU035538.D (-1129) (-)

5.02



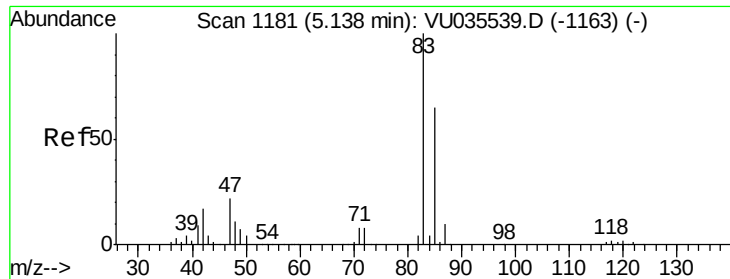
Abundance Ion 128.00 (127.70 to 128.70): VU035538.D (-1129) (-)

Ion 49.00 (48.70 to 49.70): VU035538.D (-1129) (-)

Ion 130.00 (129.70 to 130.70): VU035538.D (-1129) (-)

5.02

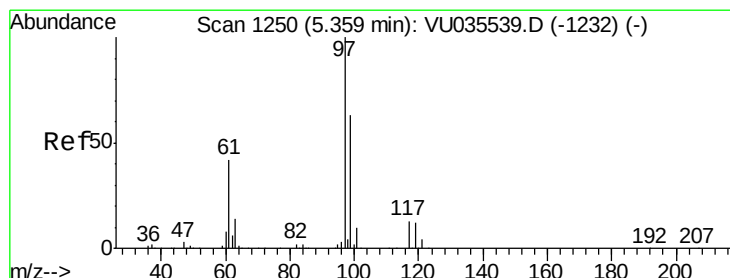
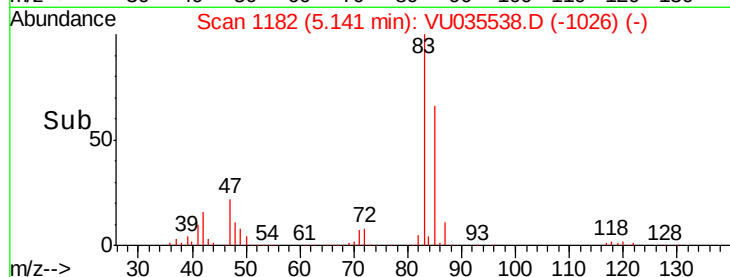
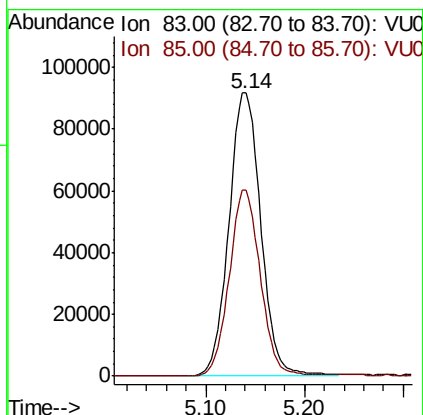
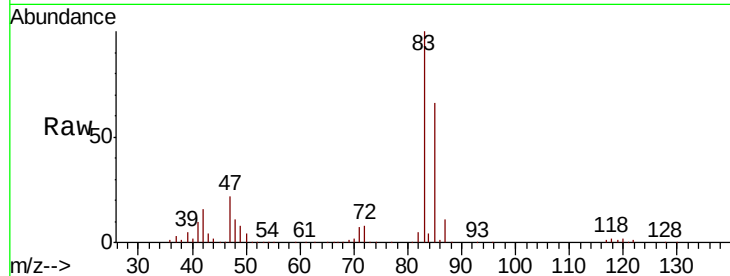
Time-->



#27
Chloroform
Concen: 4.551 ug/l
RT: 5.14 min Scan# 1182
Delta R.T. 0.00 min
Lab File: VU035538.D
Acq: 29 Oct 2019 12:56

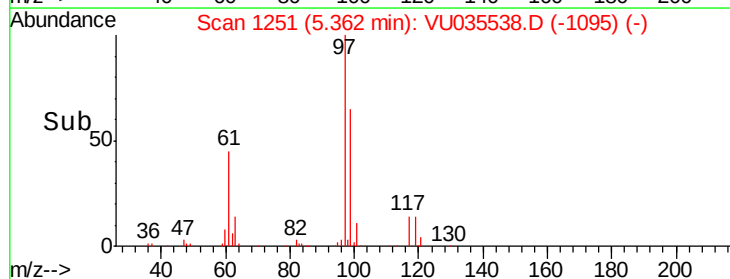
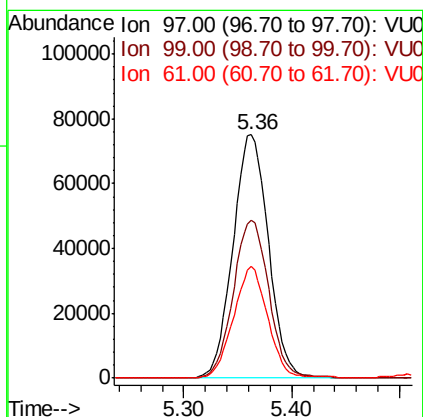
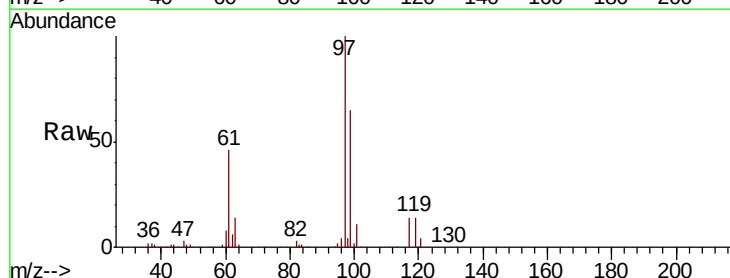
Instrument :
MSVOA_U
ClientSampleId :

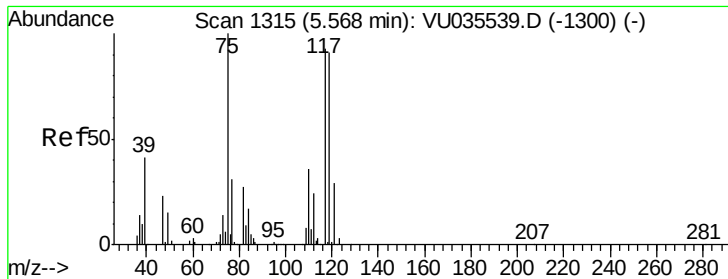
Tot Ion: 83 Resp: 207367
Ion Ratio Lower Upper
83 100
85 65.9 0.0 130.6



#28
1,1,1-Trichloroethane
Concen: 4.825 ug/l
RT: 5.36 min Scan# 1251
Delta R.T. 0.00 min
Lab File: VU035538.D
Acq: 29 Oct 2019 12:56

Tgt Ion: 97 Resp: 172104
Ion Ratio Lower Upper
97 100
99 65.1 32.6 97.7
61 44.6 21.8 65.4





#29

1,1-Dichloropropene

Concen: 4.850 ug/l

RT: 5.57 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VU035538.D

Acq: 29 Oct 2019 12:56

Instrument :

MSVOA_U

ClientSampled :

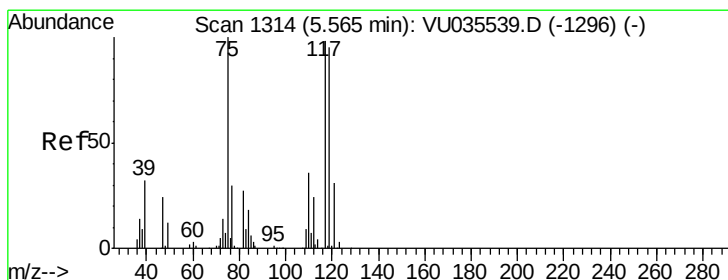
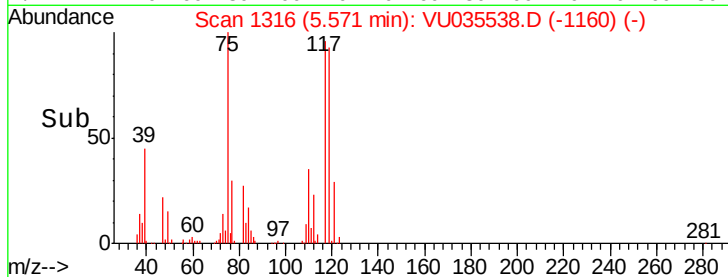
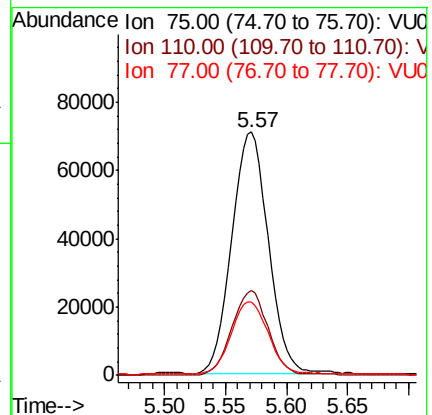
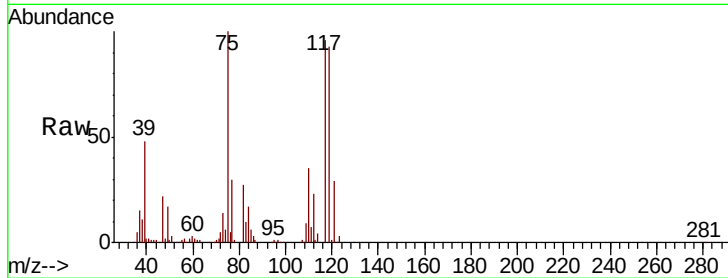
Tot Ion: 75 Resp: 148978

Ion Ratio Lower Upper

75 100

110 34.8 18.3 54.8

77 30.6 24.6 37.0



#30

Carbon Tetrachloride

Concen: 4.843 ug/l

RT: 5.57 min Scan# 1315

Delta R.T. 0.00 min

Lab File: VU035538.D

Acq: 29 Oct 2019 12:56

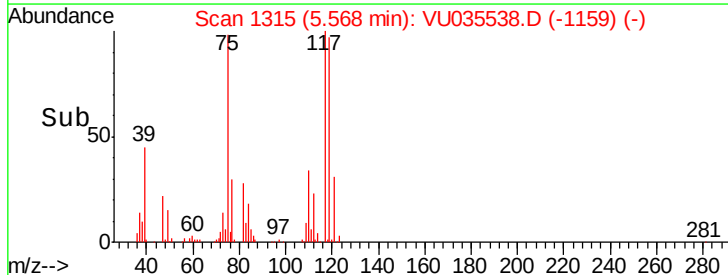
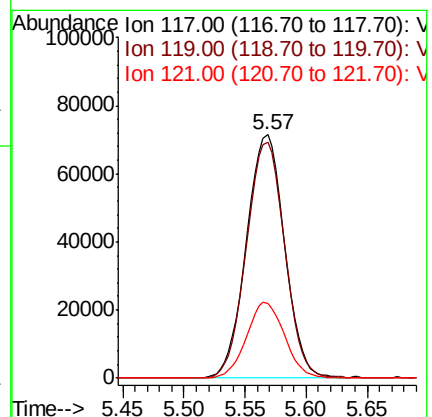
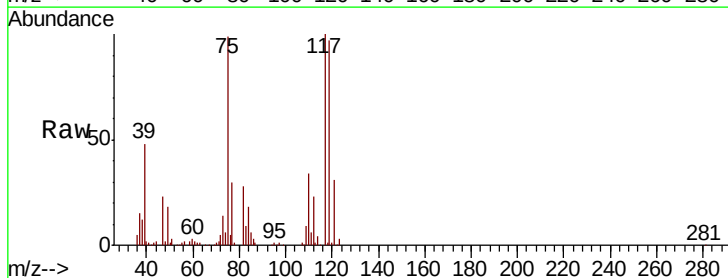
Tgt Ion: 117 Resp: 154747

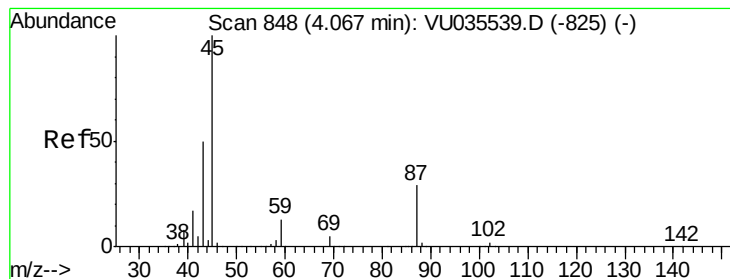
Ion Ratio Lower Upper

117 100

119 96.9 77.3 115.9

121 30.8 25.2 37.8





#31

Isopropyl Ether

Concen: 4.498 ug/l

RT: 4.07 min Scan# 848

Delta R.T. -0.00 min

Lab File: VU035538.D

Acq: 29 Oct 2019 12:56

Instrument :

MSVOA_U

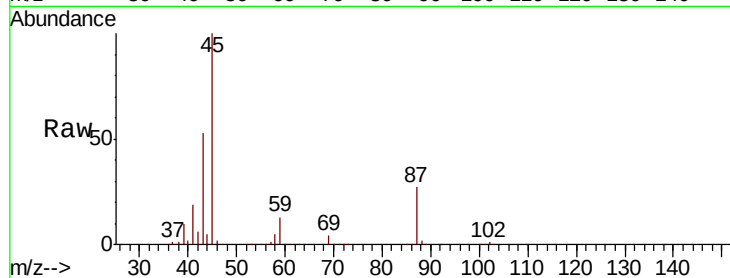
ClientSampleId :

Tot Ion: 45 Resp: 281433

Ion Ratio Lower Upper

45 100

43 53.5 25.3 75.8



Abundance Ion 45.00 (44.70 to 45.70): VU035538.D (-693) (-)

Ion 43.00 (42.70 to 43.70): VU035538.D (-693) (-)

120000

100000

80000

60000

40000

20000

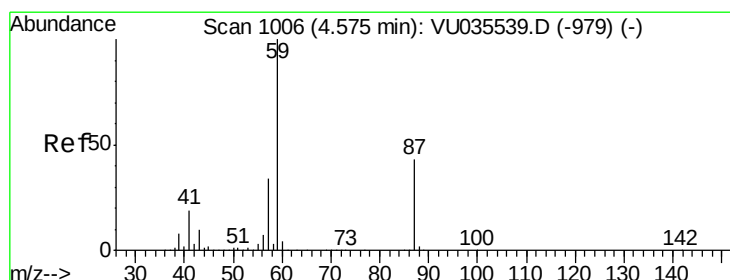
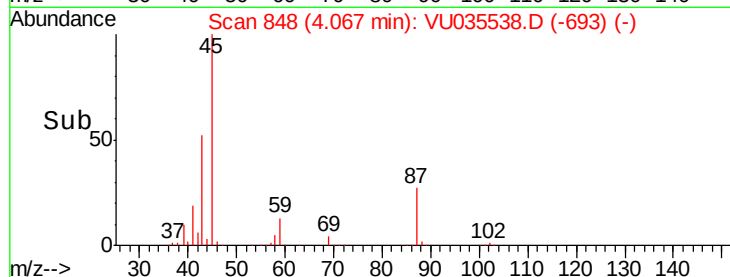
0

4.07

4.00

4.10

Time-->



#32

Ethyl-t-butyl ether

Concen: 4.899 ug/l

RT: 4.57 min Scan# 1006

Delta R.T. -0.00 min

Lab File: VU035538.D

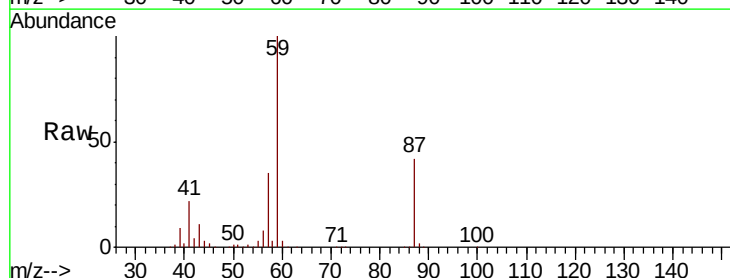
Acq: 29 Oct 2019 12:56

Tgt Ion: 59 Resp: 265814

Ion Ratio Lower Upper

59 100

87 41.4 33.9 50.9



Abundance Ion 59.00 (58.70 to 59.70): VU035538.D (-851) (-)

Ion 87.00 (86.70 to 87.70): VU035538.D (-851) (-)

120000

100000

80000

60000

40000

20000

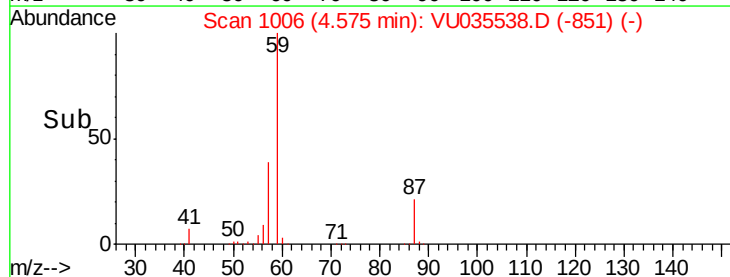
0

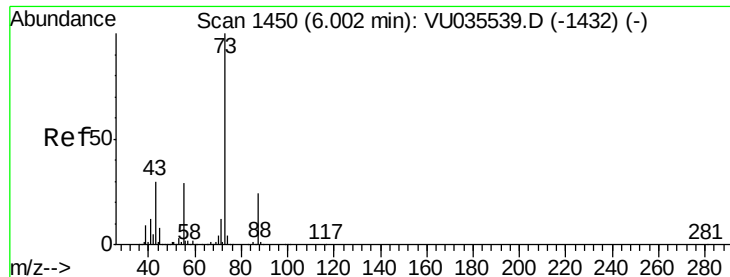
4.57

4.50

4.70

Time-->



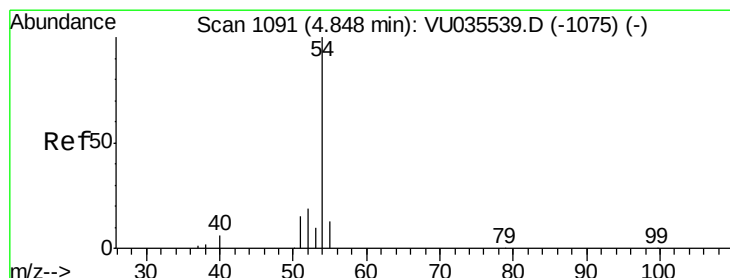
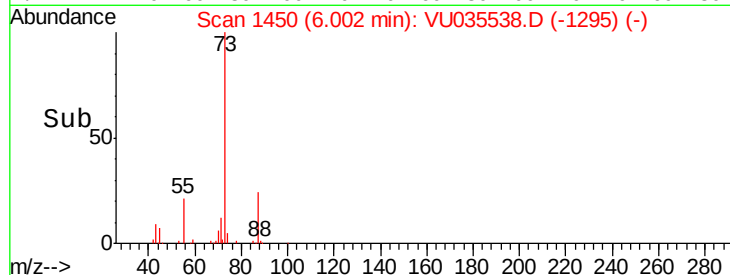
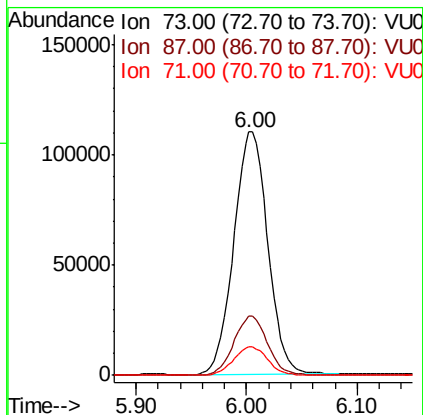
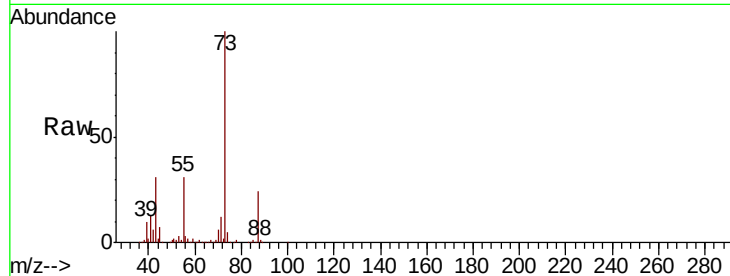


#33

Tert-Butyl methyl ether
 Concen: 5.149 ug/l
 RT: 6.00 min Scan# 1450
 Delta R.T. -0.00 min
 Lab File: VU035538.D
 Acq: 29 Oct 2019 12:56

Instrument :
 MSVOA_U
 ClientSampled :

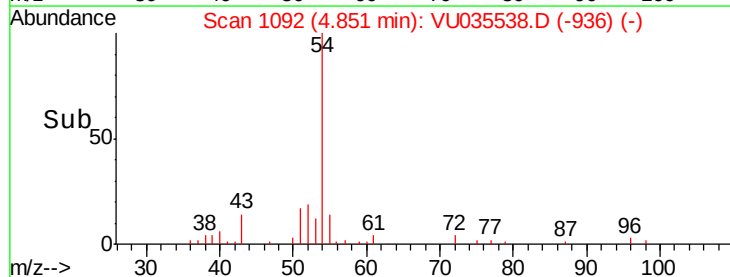
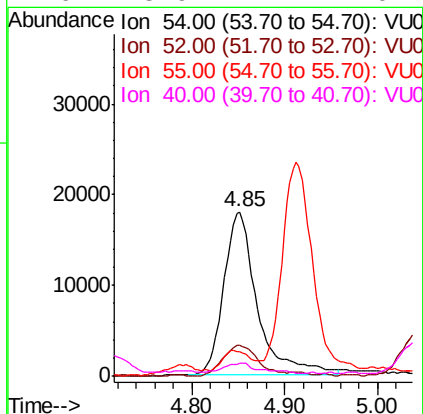
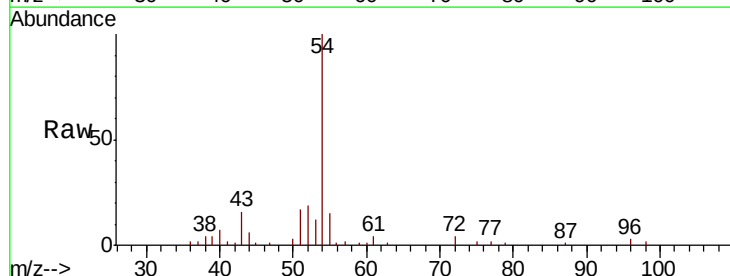
Tot Ion	Ratio	Lower	Upper
73	100		
87	23.9	19.5	29.3
71	11.8	9.4	14.2

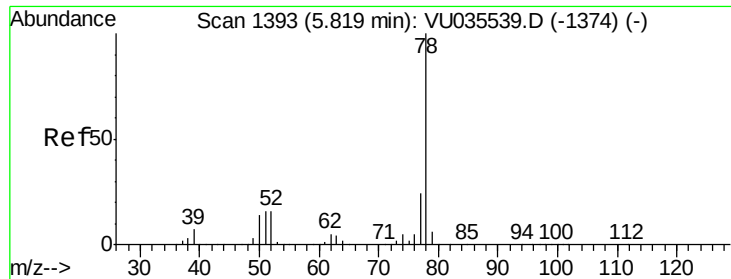


#34

Propionitrile
 Concen: 30.080 ug/l
 RT: 4.85 min Scan# 1092
 Delta R.T. 0.00 min
 Lab File: VU035538.D
 Acq: 29 Oct 2019 12:56

Tgt Ion	Ratio	Lower	Upper
54	100		
52	19.7	14.6	21.8
55	12.1	11.7	17.5
40	3.9	4.2	6.2





#35

Benzene

Concen: 4.827 ug/l

RT: 5.82 min Scan# 1393

Delta R.T. -0.00 min

Lab File: VU035538.D

Acq: 29 Oct 2019 12:56

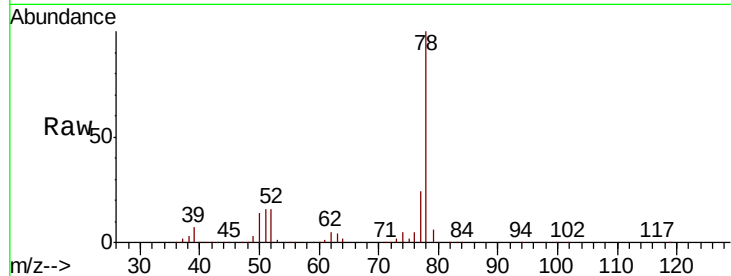
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 78 Resp: 445261

Ion Ratio Lower Upper

78 100

77 23.5 19.0 28.4



Abundance Ion 78.10 (77.80 to 78.80): VU035538.D (-1238) (-)

Ion 77.00 (76.70 to 77.70): VU035538.D (-1238) (-)

250000

200000

150000

100000

50000

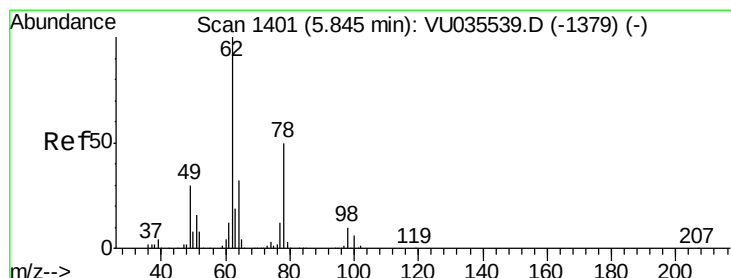
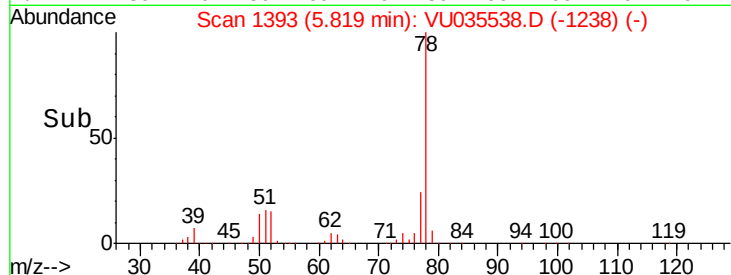
0

5.70

5.80

5.90

Time-->



#36

1,2-Dichloroethane

Concen: 5.269 ug/l

RT: 5.84 min Scan# 1401

Delta R.T. -0.00 min

Lab File: VU035538.D

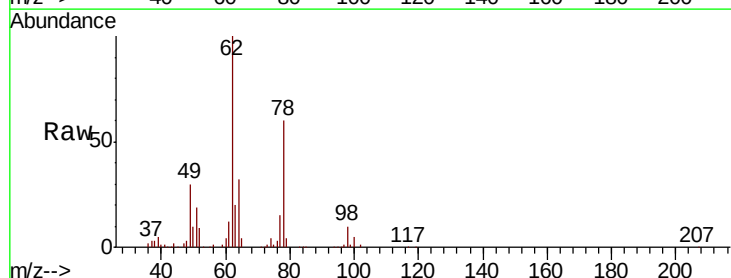
Acq: 29 Oct 2019 12:56

Tgt Ion: 62 Resp: 126499

Ion Ratio Lower Upper

62 100

98 9.2 7.5 11.3



Abundance Ion 62.00 (61.70 to 62.70): VU035538.D (-1246) (-)

Ion 98.00 (97.70 to 98.70): VU035538.D (-1246) (-)

60000

40000

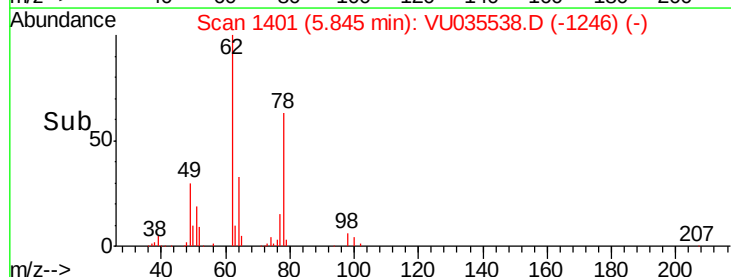
20000

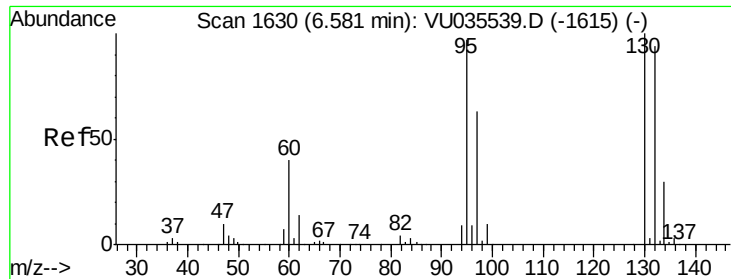
0

5.80

5.90

Time-->

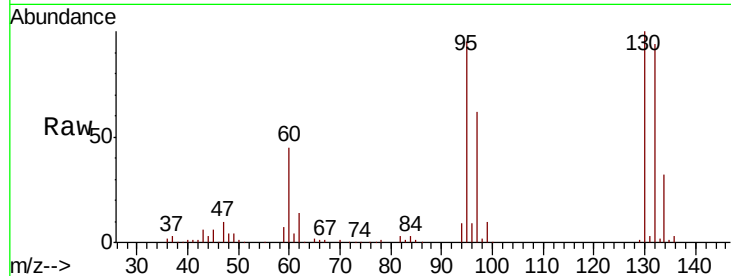




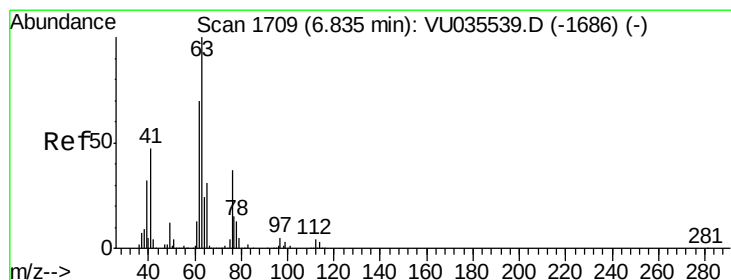
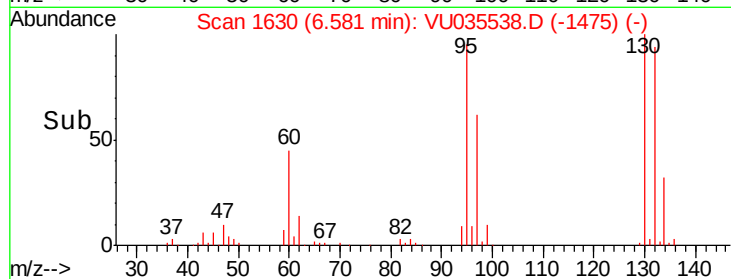
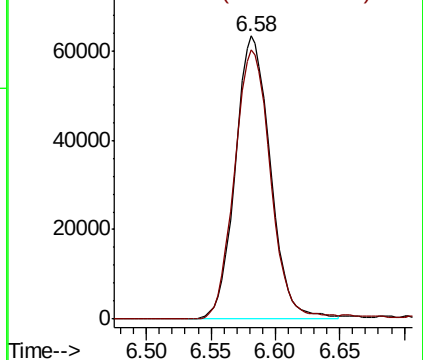
#37
 Trichloroethene
 Concen: 4.652 ug/l
 RT: 6.58 min Scan# 1630
 Delta R.T. -0.00 min
 Lab File: VU035538.D
 Acq: 29 Oct 2019 12:56

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:130 Resp: 119842
 Ion Ratio Lower Upper
 130 100
 95 95.2 77.5 116.3

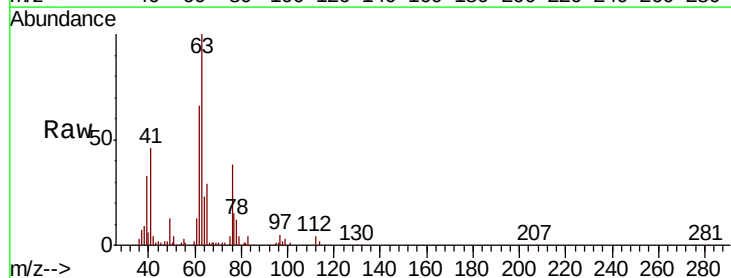


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VU0

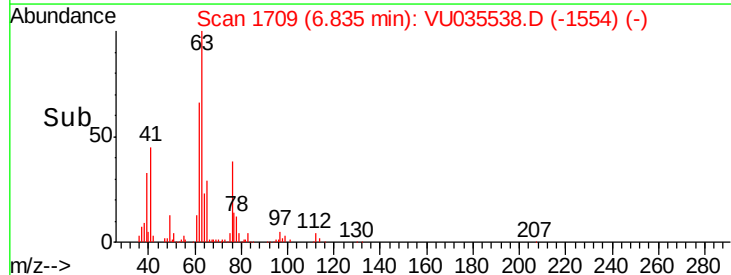
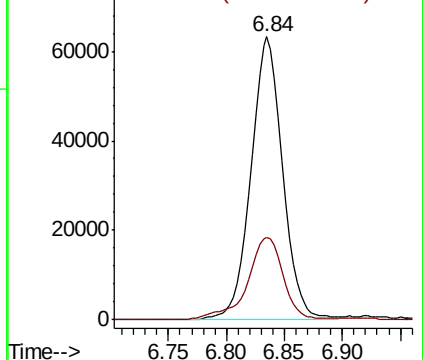


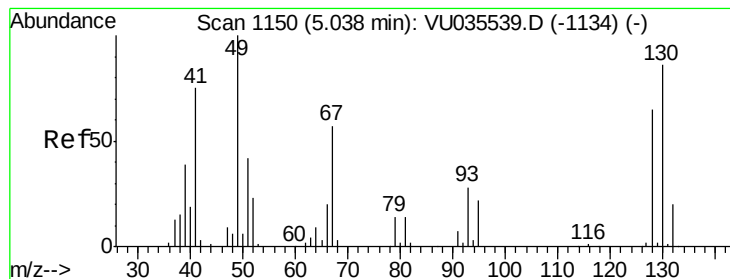
#38
 1,2-Dichloropropane
 Concen: 4.935 ug/l
 RT: 6.84 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: VU035538.D
 Acq: 29 Oct 2019 12:56

Tgt Ion: 63 Resp: 121156
 Ion Ratio Lower Upper
 63 100
 65 29.0 25.0 37.6



Abundance Ion 63.00 (62.70 to 63.70): VU0
 Ion 65.00 (64.70 to 65.70): VU0





#39

Methacrylonitrile

Concen: 5.411 ug/l

RT: 5.04 min Scan# 1150

Delta R.T. -0.00 min

Lab File: VU035538.D

Acq: 29 Oct 2019 12:56

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 41 Resp: 33704

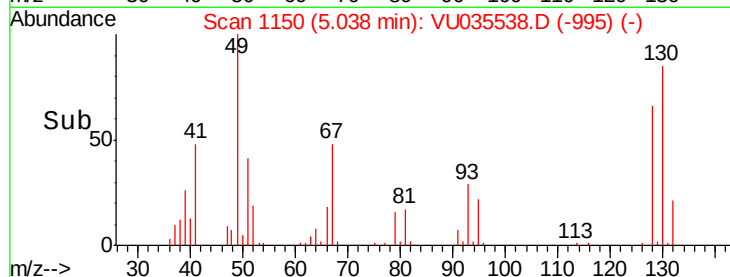
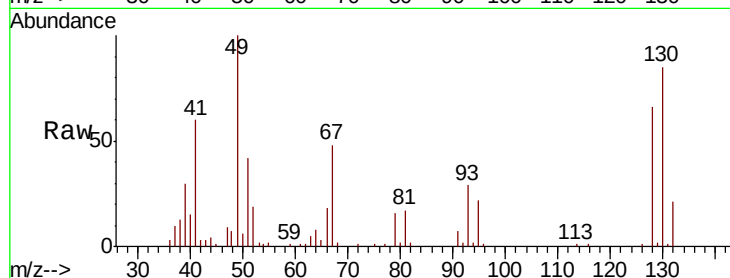
Ion Ratio Lower Upper

41 100

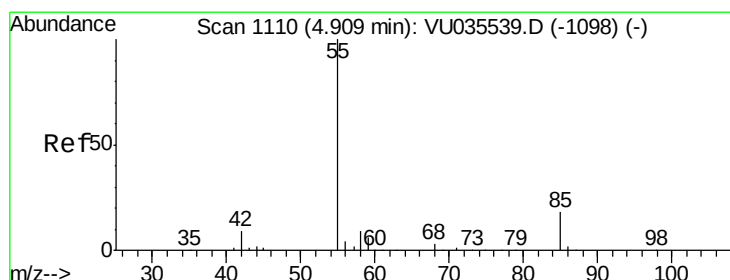
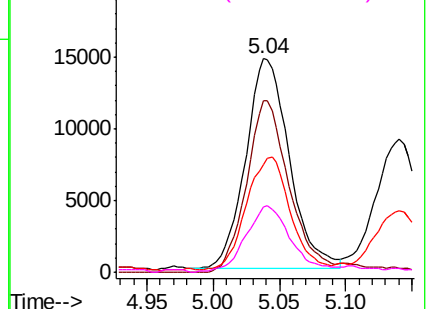
67 79.0 61.5 92.3

39 52.9 41.3 61.9

52 32.6 24.4 36.6



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



#40

Methyl acrylate

Concen: 5.469 ug/l

RT: 4.91 min Scan# 1111

Delta R.T. 0.00 min

Lab File: VU035538.D

Acq: 29 Oct 2019 12:56

Tgt Ion: 55 Resp: 51987

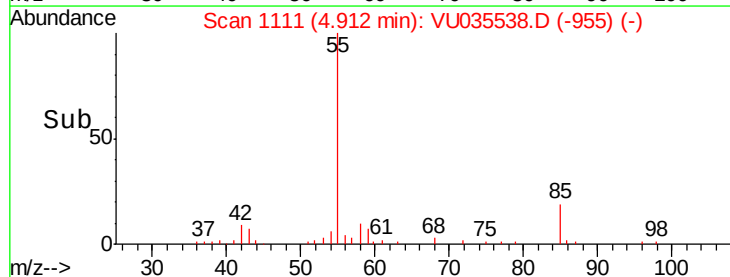
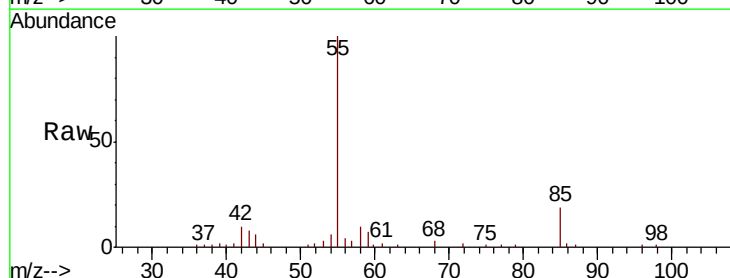
Ion Ratio Lower Upper

55 100

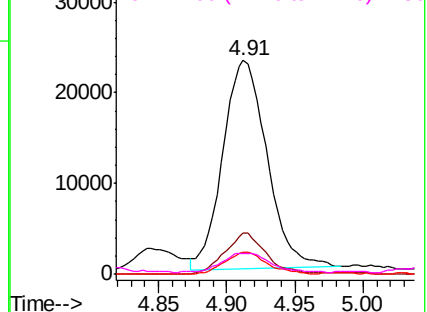
85 18.0 13.5 20.3

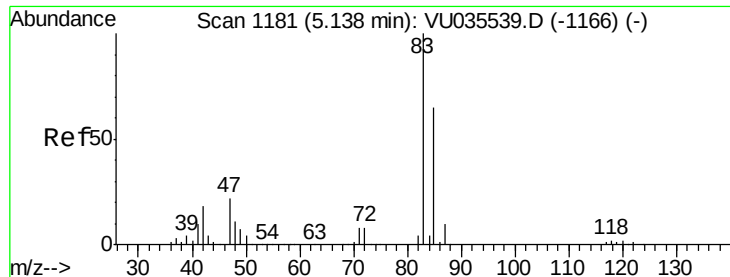
58 9.8 6.6 10.0

42 9.9 7.0 10.6



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





#41

Tetrahydrofuran

Concen: 10.710 ug/l

RT: 5.14 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VU035538.D

Acq: 29 Oct 2019 12:56

Instrument :
MSVOA_U
ClientSampleId :

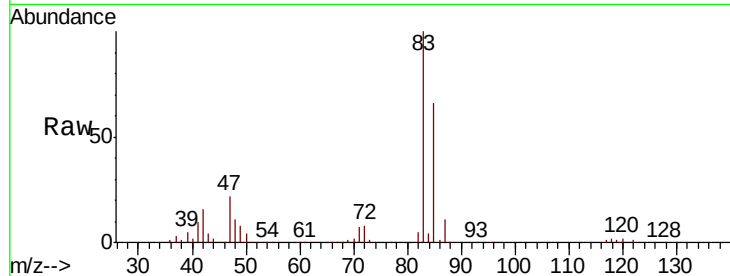
Tot Ion: 42 Resp: 34109

Ion Ratio Lower Upper

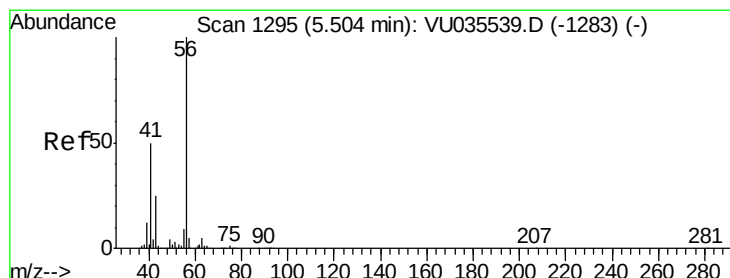
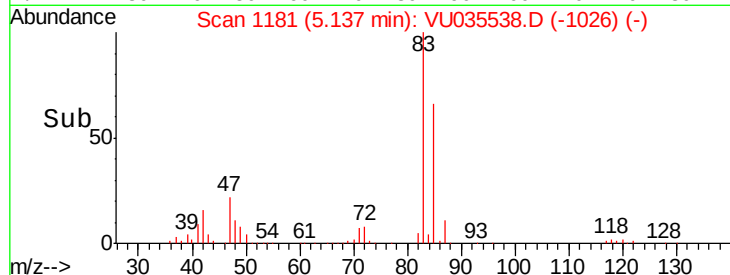
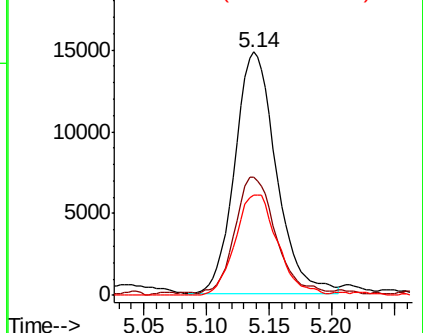
42 100

72 46.6 89.9 134.9#

71 42.4 3.7 5.5#



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



#42

1-Chlorobutane

Concen: 4.885 ug/l

RT: 5.50 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VU035538.D

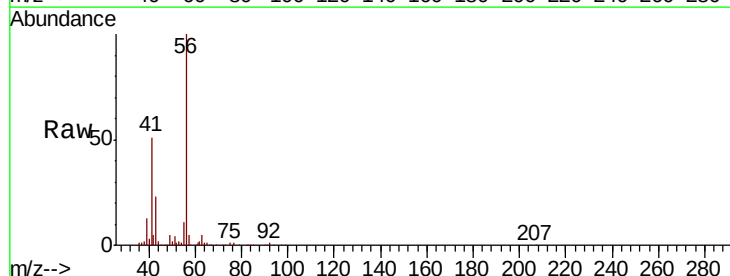
Acq: 29 Oct 2019 12:56

Tgt Ion: 56 Resp: 203664

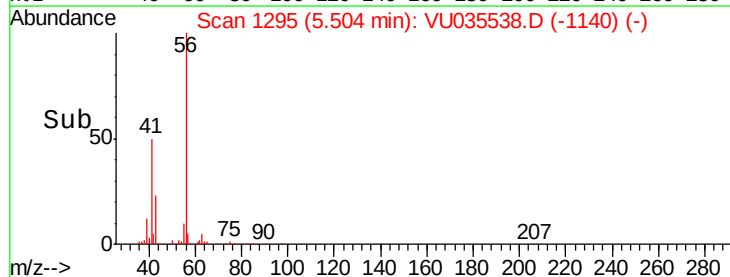
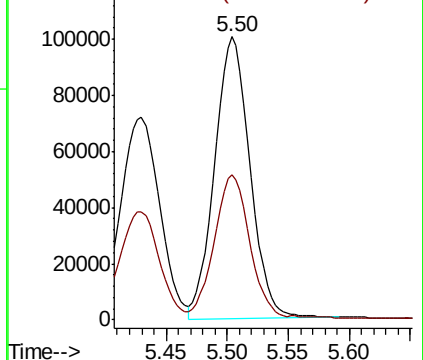
Ion Ratio Lower Upper

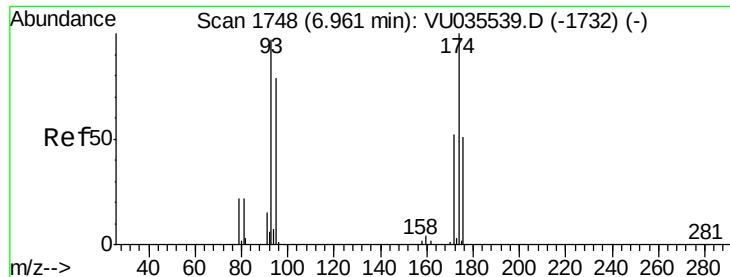
56 100

41 49.9 25.5 76.5



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





#43

Dibromomethane

Concen: 5.060 ug/l

RT: 6.96 min Scan# 1748

Delta R.T. -0.00 min

Lab File: VU035538.D

Acq: 29 Oct 2019 12:56

Instrument :

MSVOA_U

ClientSampleId :

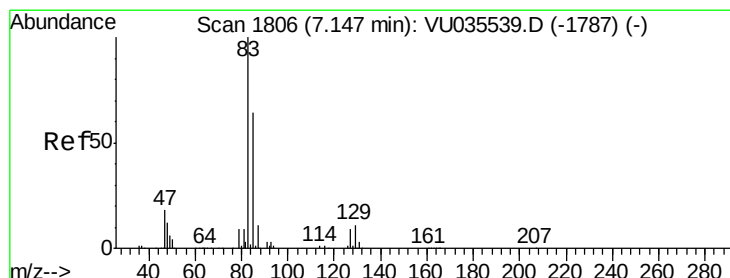
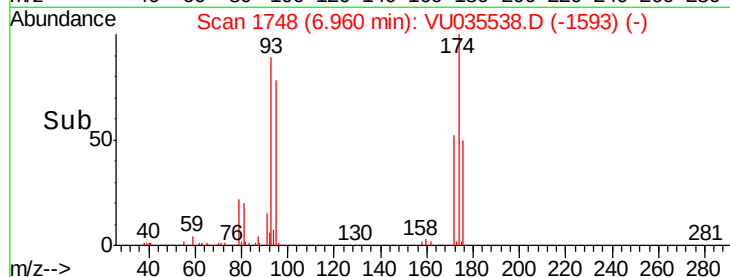
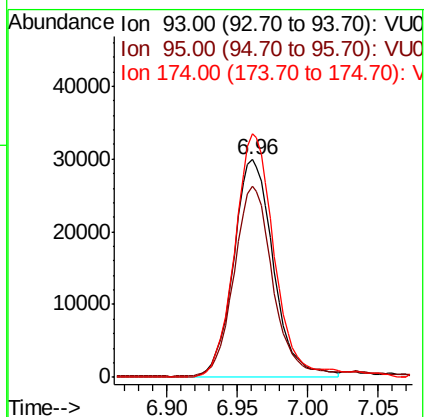
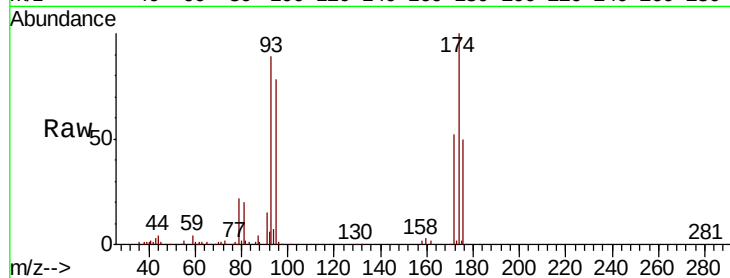
Tot Ion: 93 Resp: 59474

Ion Ratio Lower Upper

93 100

95 84.9 65.1 97.7

174 112.5 84.2 126.4



#44

Bromodichloromethane

Concen: 5.065 ug/l

RT: 7.15 min Scan# 1806

Delta R.T. -0.00 min

Lab File: VU035538.D

Acq: 29 Oct 2019 12:56

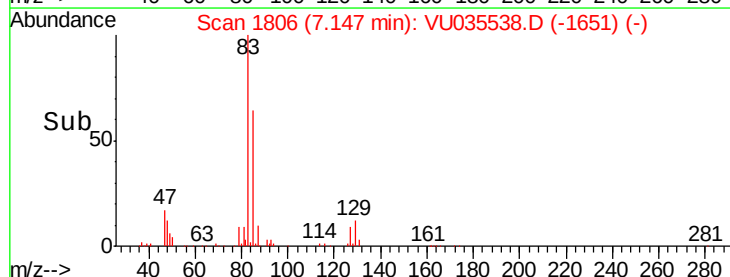
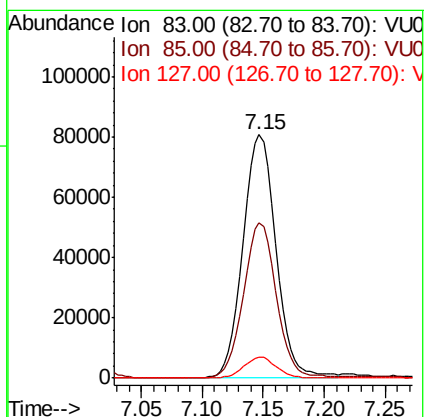
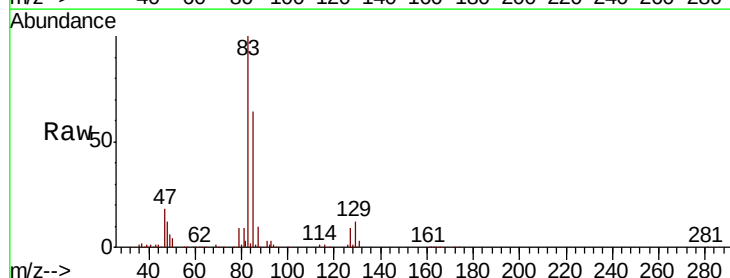
Tgt Ion: 83 Resp: 151179

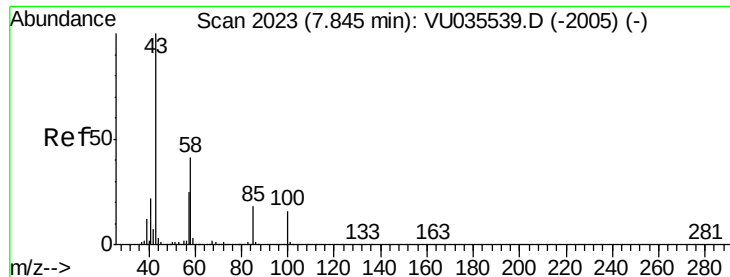
Ion Ratio Lower Upper

83 100

85 64.0 51.6 77.4

127 8.6 7.0 10.4

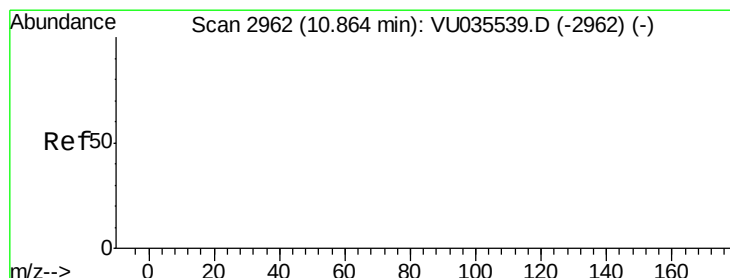
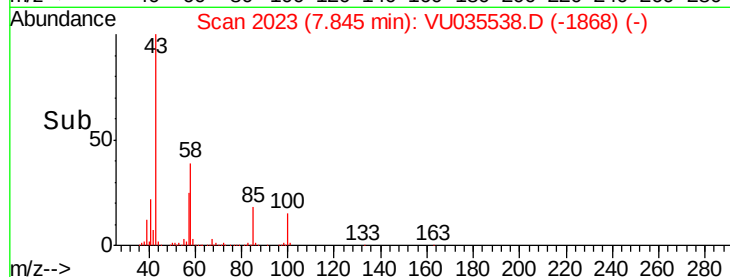
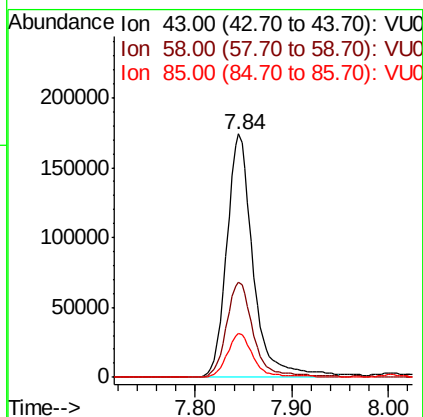
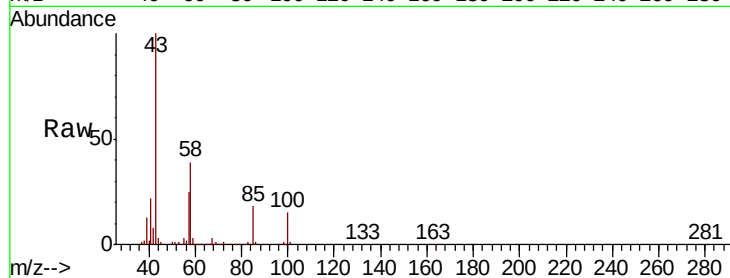




#45
 4-Methyl-2-Pentanone
 Concen: 27.448 ug/l
 RT: 7.84 min Scan# 2023
 Delta R.T. -0.00 min
 Lab File: VU035538.D
 Acq: 29 Oct 2019 12:56

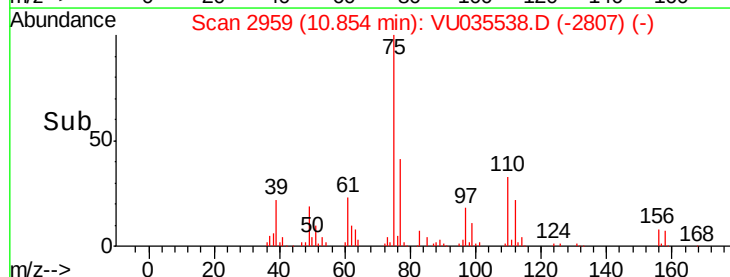
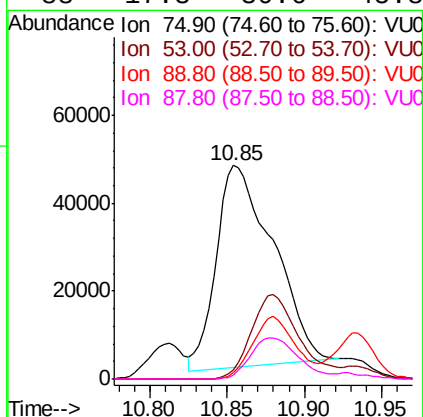
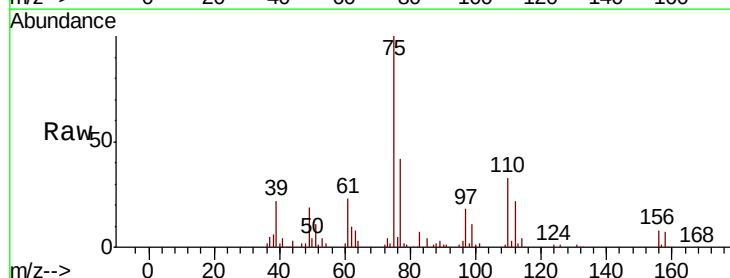
Instrument :
 MSVOA_U
 ClientSampleId :

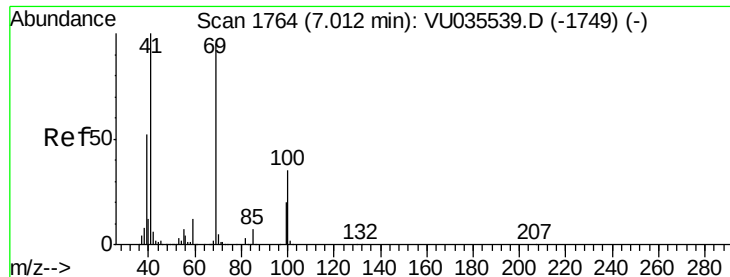
Tot Ion	Ratio	Lower	Upper
43	100		
58	40.2	20.6	61.8
85	17.5	14.5	21.7



#46
 t-1,4-Dichloro-2-butene
 Concen: 23.591 ug/l
 RT: 10.85 min Scan# 2959
 Delta R.T. -0.01 min
 Lab File: VU035538.D
 Acq: 29 Oct 2019 12:56

Tgt Ion	Ratio	Lower	Upper
75	100		
53	35.3	54.1	81.1#
89	23.5	38.2	57.4#
88	17.3	30.6	45.8#





#47

Methyl methacrylate

Concen: 10.952 ug/l

RT: 7.01 min Scan# 1764

Delta R.T. -0.00 min

Lab File: VU035538.D

Acq: 29 Oct 2019 12:56

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 69 Resp: 102762

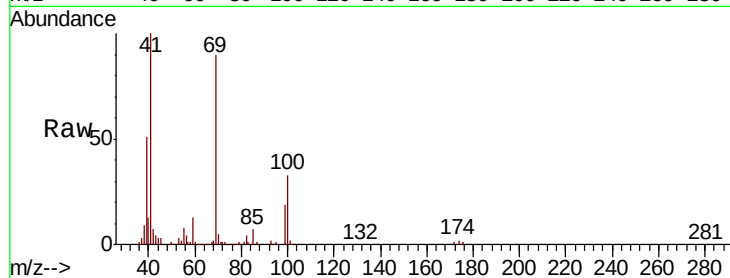
Ion Ratio Lower Upper

69 100

41 108.6 0.0 216.8

39 54.7 45.1 67.7

100 35.3 29.8 44.6

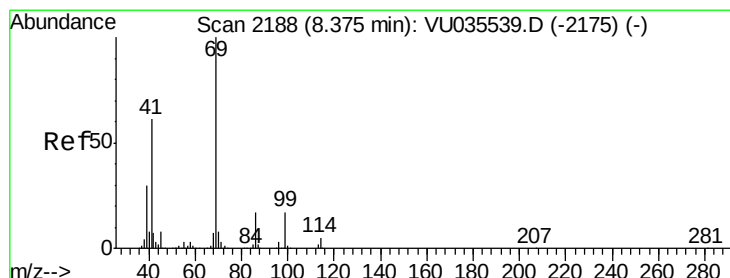
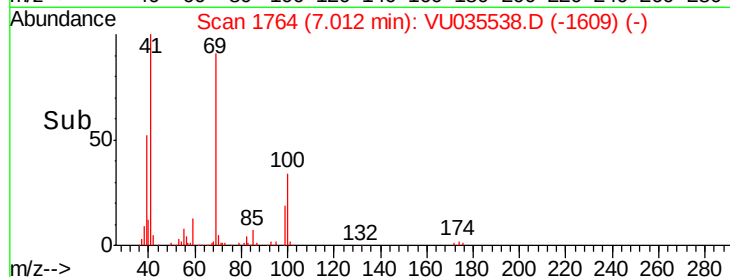
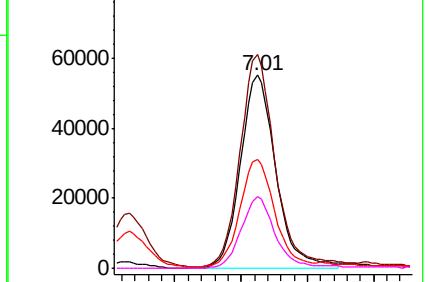


Abundance Ion 69.00 (68.70 to 69.70): VU0

Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

Ion 100.00 (99.70 to 100.70): VU0



#48

Ethyl methacrylate

Concen: 5.348 ug/l

RT: 8.38 min Scan# 2188

Delta R.T. -0.00 min

Lab File: VU035538.D

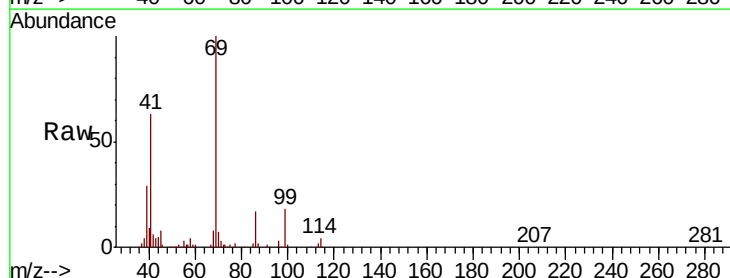
Acq: 29 Oct 2019 12:56

Tgt Ion: 69 Resp: 90577

Ion Ratio Lower Upper

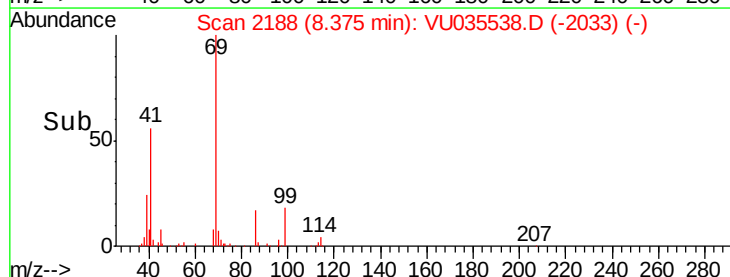
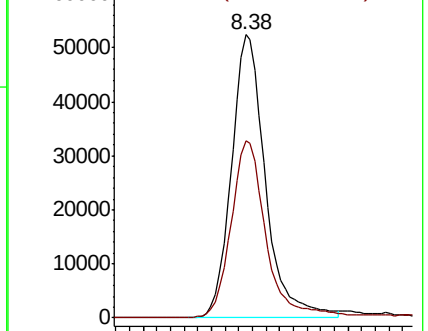
69 100

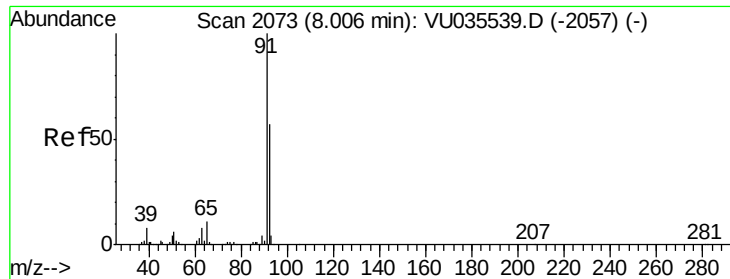
41 65.5 30.4 91.2



Abundance Ion 69.00 (68.70 to 69.70): VU0

Ion 41.00 (40.70 to 41.70): VU0





#49

Toluene

Concen: 4.893 ug/l

RT: 8.01 min Scan# 2073

Delta R.T. -0.00 min

Lab File: VU035538.D

Acq: 29 Oct 2019 12:56

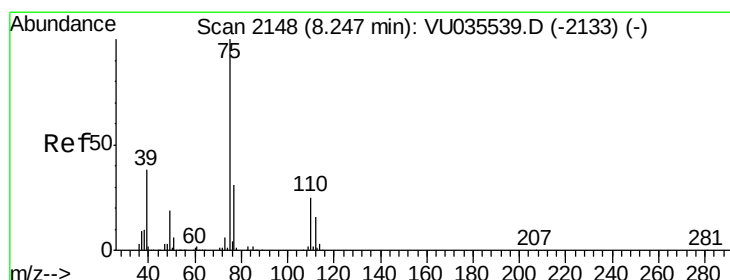
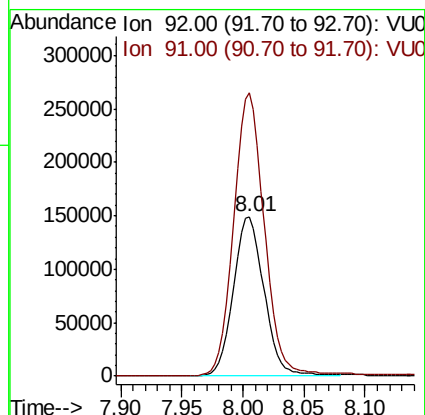
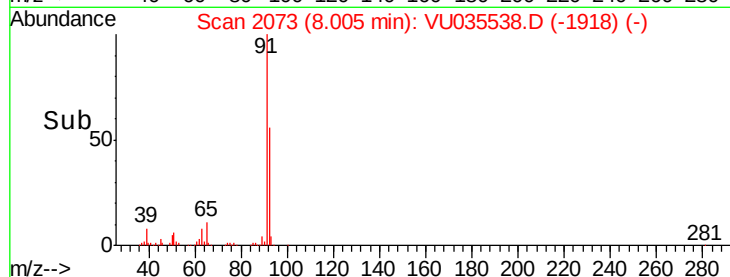
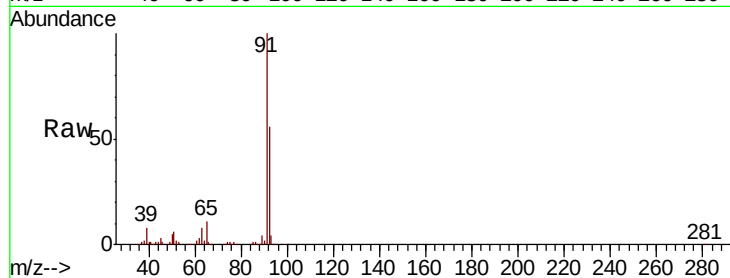
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 92 Resp: 263030

Ion Ratio Lower Upper

92 100

91 178.4 141.4 212.0



#50

t-1,3-Dichloropropene

Concen: 5.460 ug/l

RT: 8.25 min Scan# 2148

Delta R.T. -0.00 min

Lab File: VU035538.D

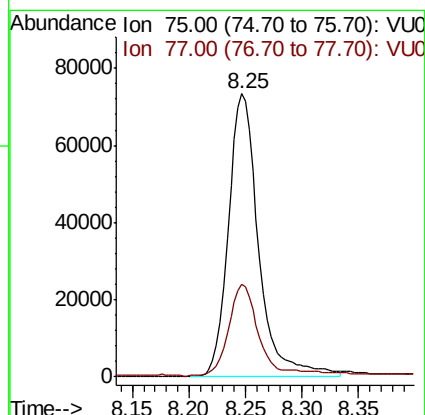
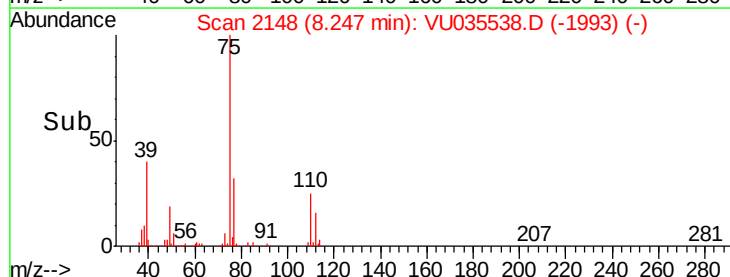
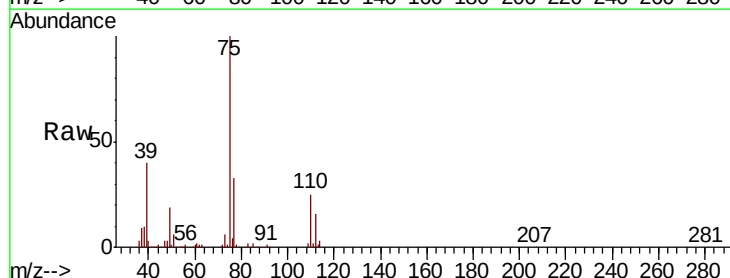
Acq: 29 Oct 2019 12:56

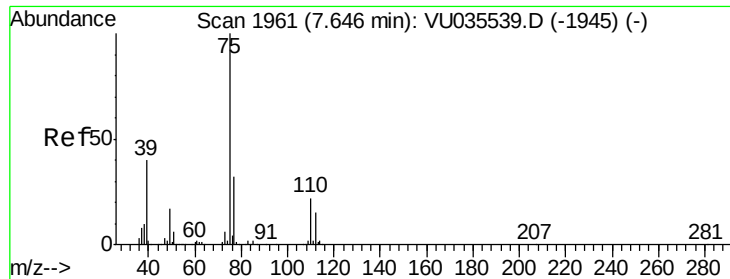
Tgt Ion: 75 Resp: 136926

Ion Ratio Lower Upper

75 100

77 32.1 25.2 37.8



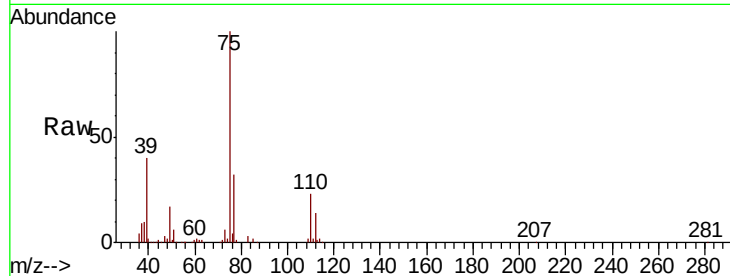


#51

cis-1,3-Dichloropropene
Concen: 5.109 ug/l
RT: 7.65 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VU035538.D
Acq: 29 Oct 2019 12:56

Instrument :
MSVOA_U
ClientSampled :

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.2	37.8
39	40.3	32.1	48.1

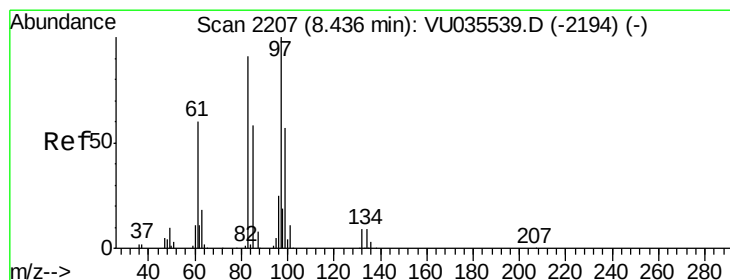
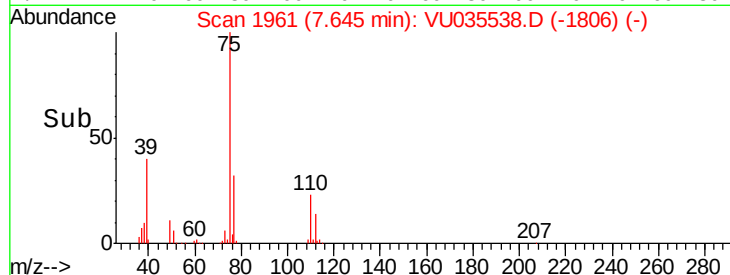
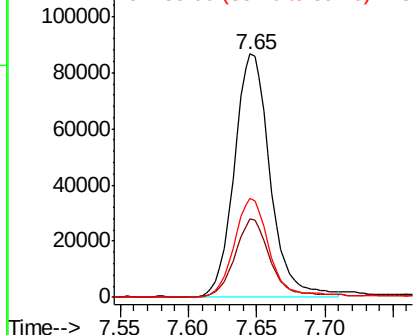


Abundance

Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

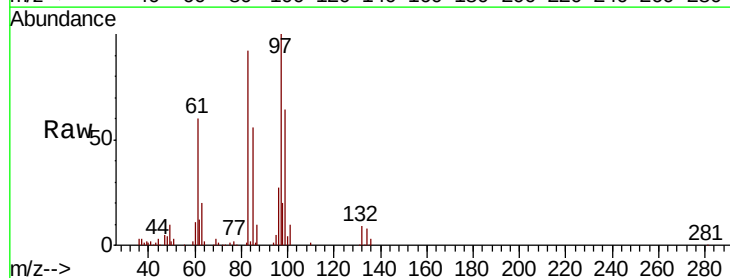
Ion 39.00 (38.70 to 39.70): VU0



#52

1,1,2-Trichloroethane
Concen: 5.112 ug/l
RT: 8.44 min Scan# 2207
Delta R.T. -0.00 min
Lab File: VU035538.D
Acq: 29 Oct 2019 12:56

Tgt Ion	Ratio	Lower	Upper
97	100		
83	92.6	72.6	108.8
85	55.7	46.4	69.6
99	62.3	49.6	74.4



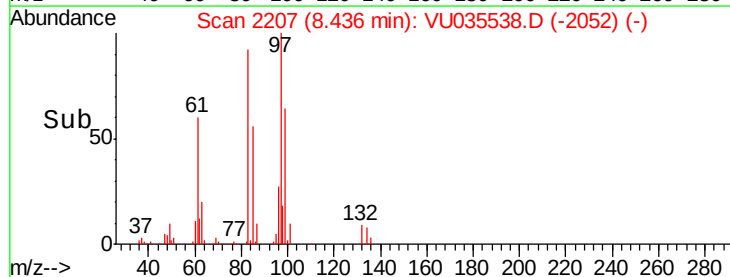
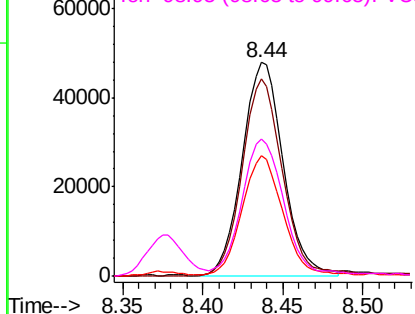
Abundance

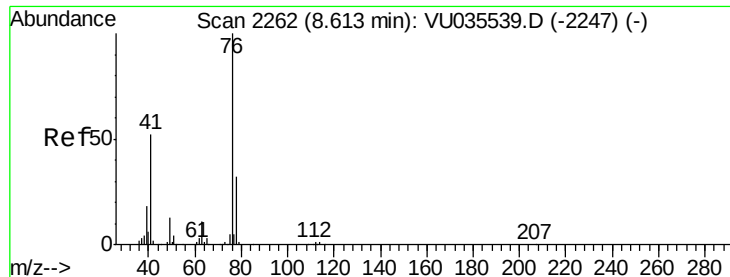
Ion 97.00 (96.70 to 97.70): VU0

Ion 82.95 (82.65 to 83.65): VU0

Ion 84.95 (84.65 to 85.65): VU0

Ion 98.95 (98.65 to 99.65): VU0





#53

1,3-Dichloropropane

Concen: 5.362 ug/l

RT: 8.61 min Scan# 2262

Delta R.T. -0.00 min

Lab File: VU035538.D

Acq: 29 Oct 2019 12:56

Instrument :

MSVOA_U

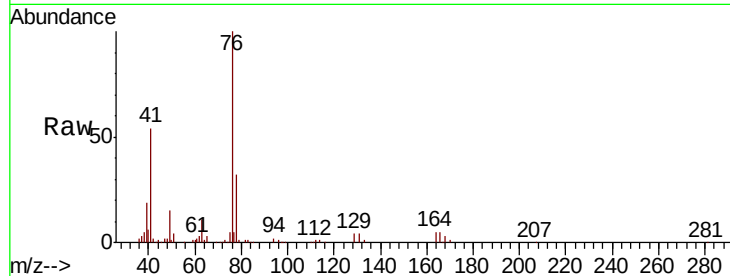
ClientSampleId :

Tot Ion: 76 Resp: 146439

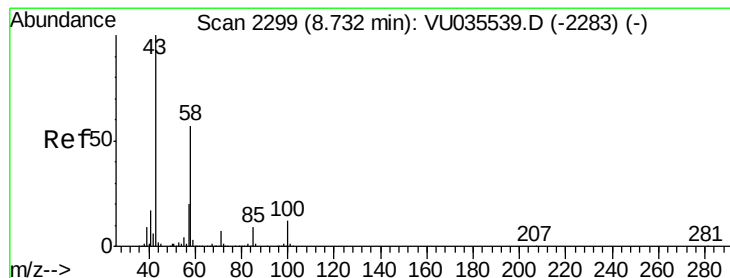
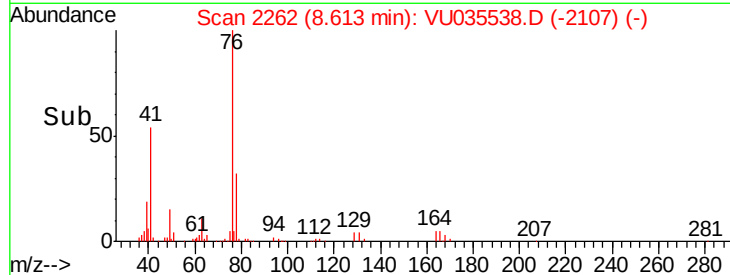
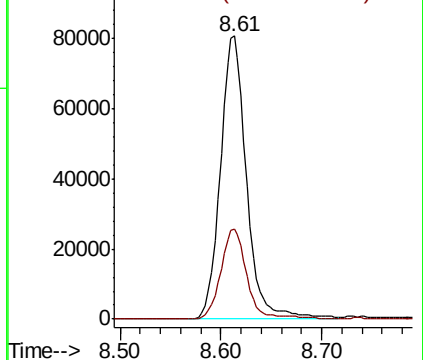
Ion Ratio Lower Upper

76 100

78 31.1 25.6 38.4



Abundance Ion 76.00 (75.70 to 76.70): VU035538.D (-2107) (-)



#54

2-Hexanone

Concen: 30.148 ug/l

RT: 8.73 min Scan# 2299

Delta R.T. -0.00 min

Lab File: VU035538.D

Acq: 29 Oct 2019 12:56

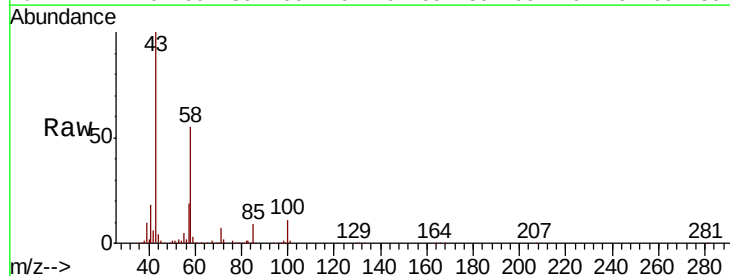
Tgt Ion: 43 Resp: 243949

Ion Ratio Lower Upper

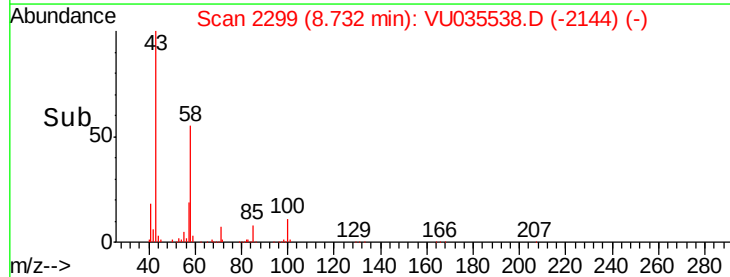
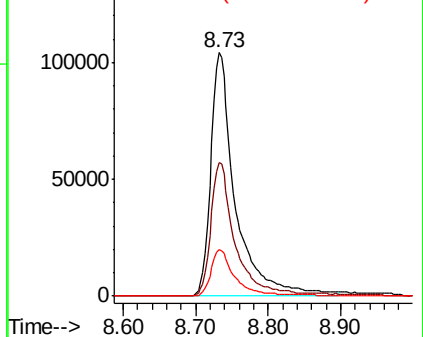
43 100

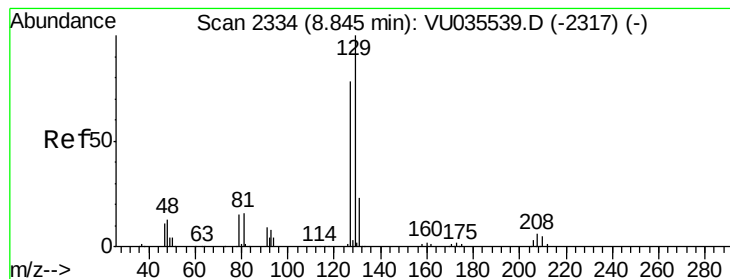
58 53.7 37.2 77.2

57 18.3 0.0 39.1



Abundance Ion 43.00 (42.70 to 43.70): VU035538.D (-2144) (-)





#55

Dibromochloromethane

Concen: 5.228 ug/l

RT: 8.84 min Scan# 2334

Delta R.T. -0.00 min

Lab File: VU035538.D

Acq: 29 Oct 2019 12:56

Instrument :

MSVOA_U

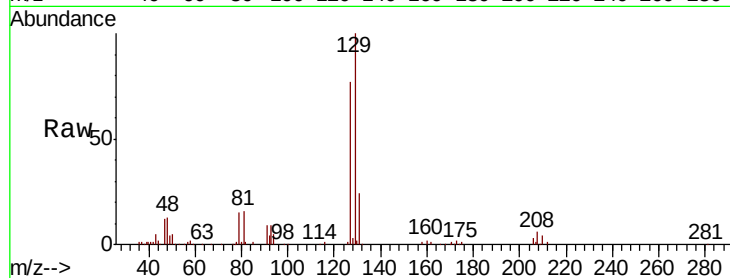
ClientSampleId :

Tot Ion:129 Resp: 103569

Ion Ratio Lower Upper

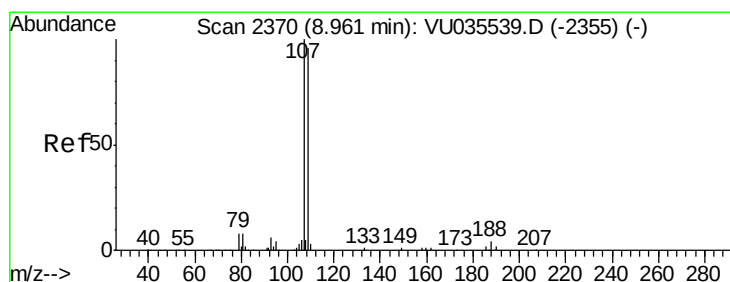
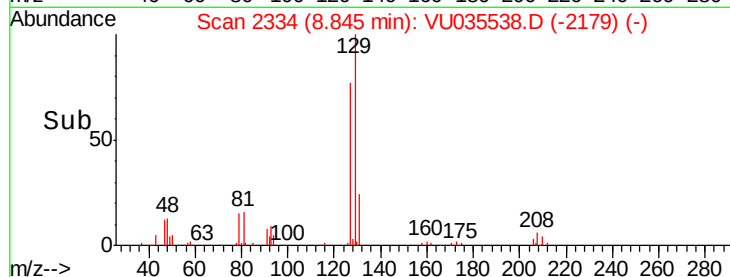
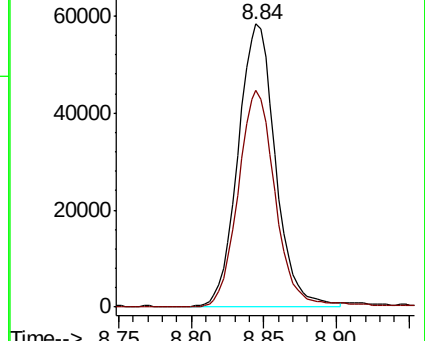
129 100

127 77.5 62.3 93.5



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#56

1,2-Dibromoethane

Concen: 5.142 ug/l

RT: 8.96 min Scan# 2370

Delta R.T. -0.00 min

Lab File: VU035538.D

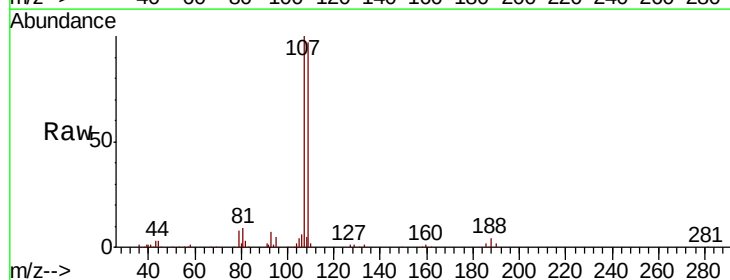
Acq: 29 Oct 2019 12:56

Tgt Ion:107 Resp: 77362

Ion Ratio Lower Upper

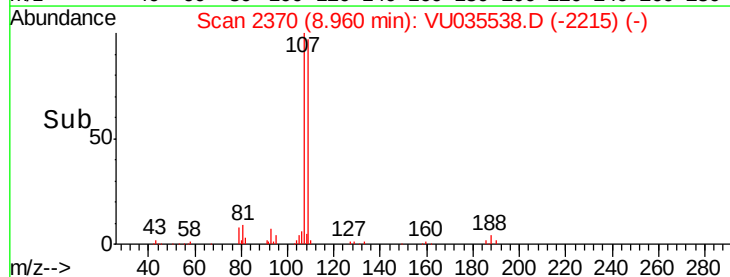
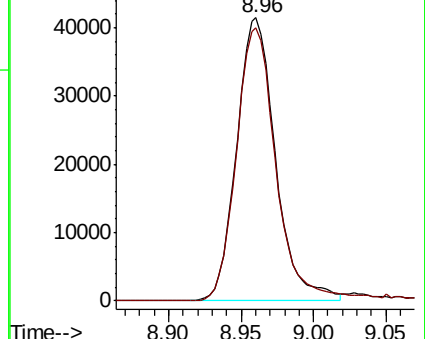
107 100

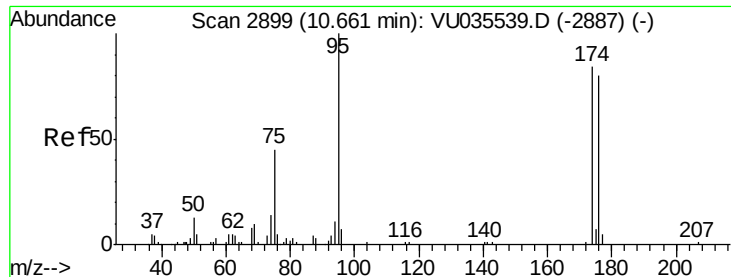
109 99.0 0.0 191.4



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

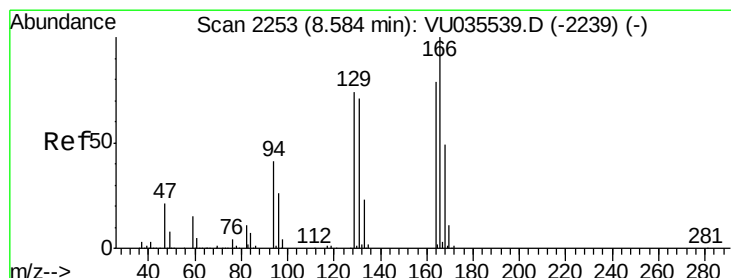
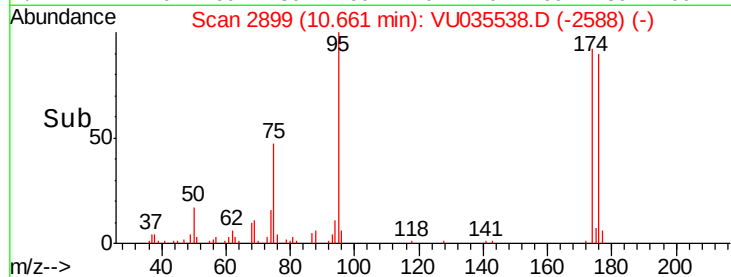
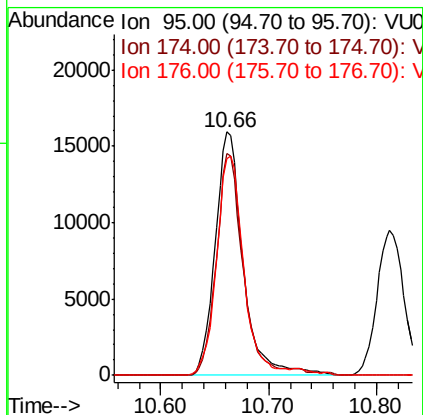
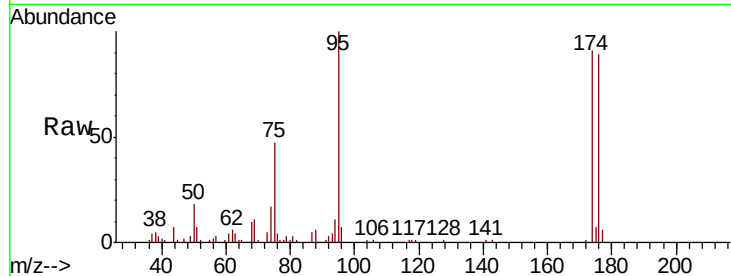




#57
4-Bromofluorobenzene
Concen: 0.962 ug/l
RT: 10.66 min Scan# 2899
Delta R.T. -0.00 min
Lab File: VU035538.D
Acq: 29 Oct 2019 12:56

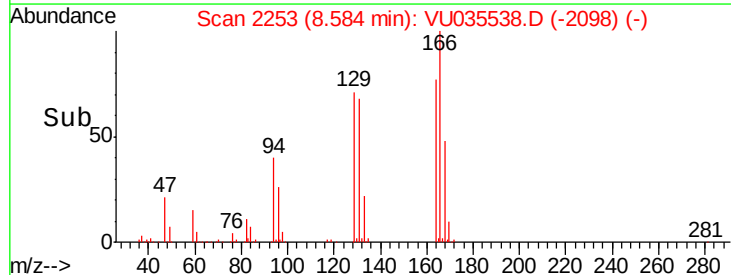
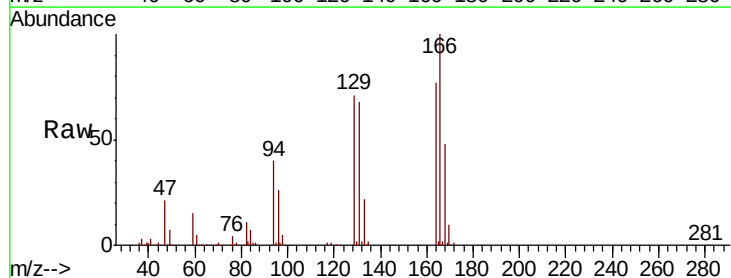
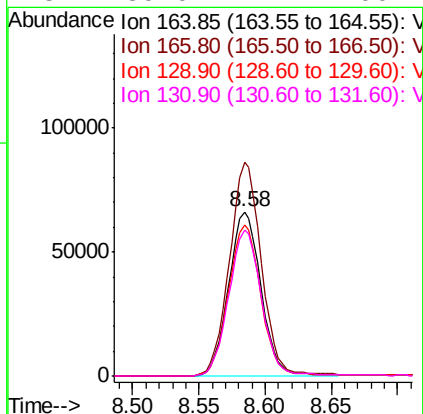
Instrument :
MSVOA_U
ClientSampleId :

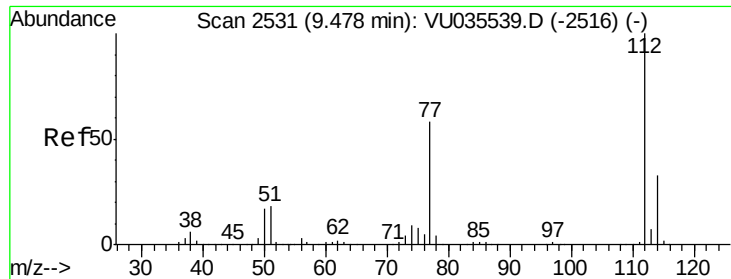
Tot Ion	95	Resp	28618
Ion Ratio	Lower	Upper	
95	100		
174	86.1	70.2	105.4
176	86.2	67.7	101.5



#58
Tetrachloroethene
Concen: 4.612 ug/l
RT: 8.58 min Scan# 2253
Delta R.T. -0.00 min
Lab File: VU035538.D
Acq: 29 Oct 2019 12:56

Tgt Ion	164	Resp	112423
Ion Ratio	Lower	Upper	
164	100		
166	130.1	100.6	151.0
129	92.0	74.1	111.1
131	89.0	71.1	106.7

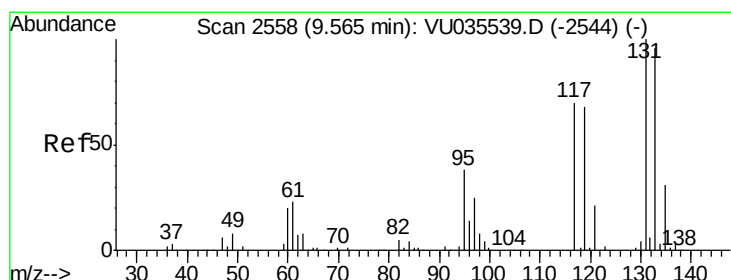
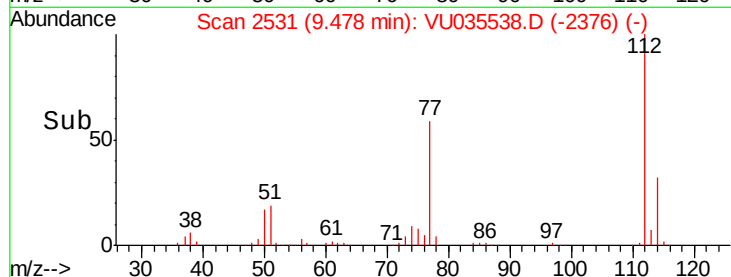
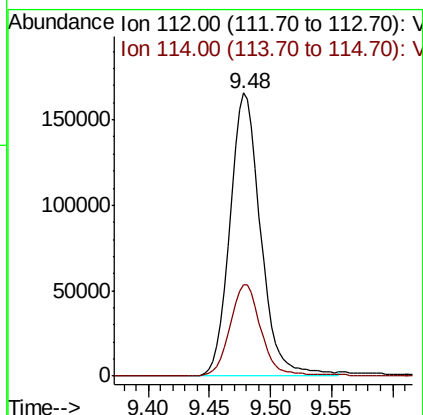
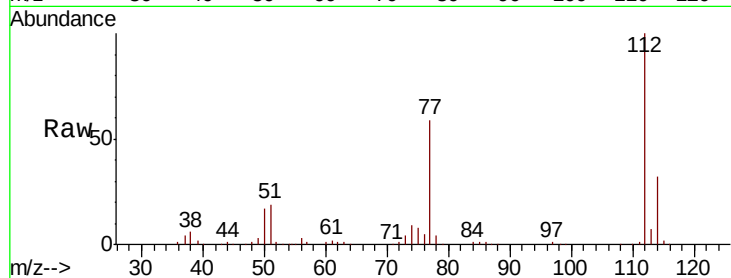




#59
Chlorobenzene
Concen: 4.839 ug/l
RT: 9.48 min Scan# 2531
Delta R.T. -0.00 min
Lab File: VU035538.D
Acq: 29 Oct 2019 12:56

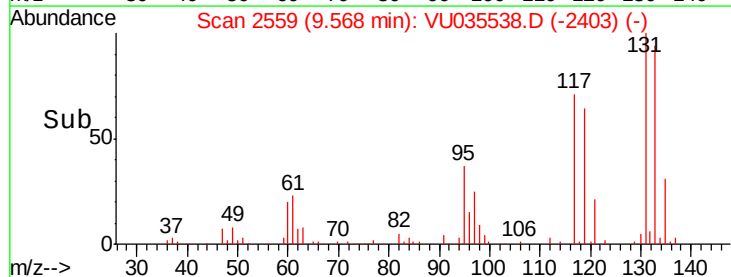
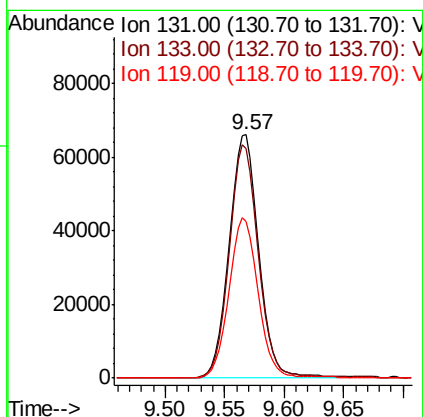
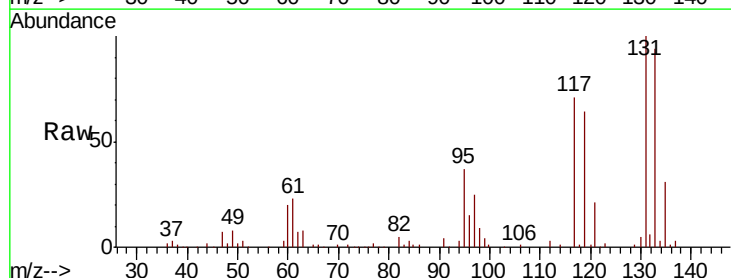
Instrument :
MSVOA_U
ClientSampleId :

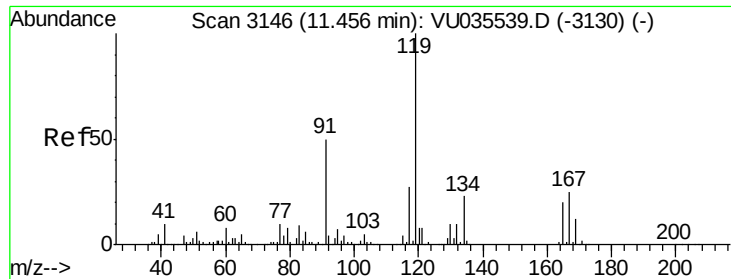
Tot Ion:112 Resp: 291955
Ion Ratio Lower Upper
112 100
114 32.3 26.5 39.7



#60
1,1,1,2-Tetrachloroethane
Concen: 5.063 ug/l
RT: 9.57 min Scan# 2559
Delta R.T. 0.00 min
Lab File: VU035538.D
Acq: 29 Oct 2019 12:56

Tgt Ion:131 Resp: 113518
Ion Ratio Lower Upper
131 100
133 95.1 76.9 115.3
119 65.0 53.6 80.4

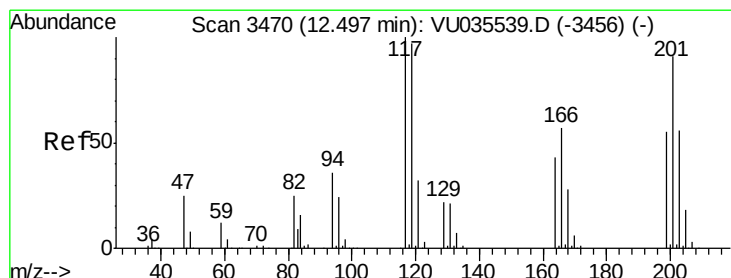
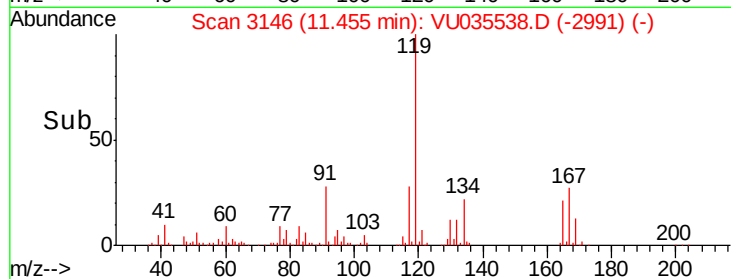
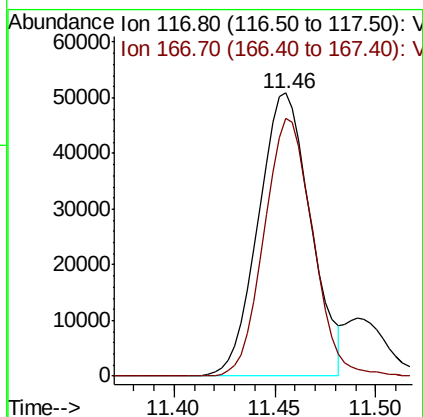
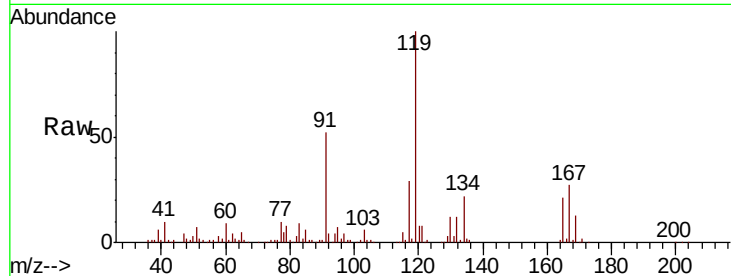




#61
 Pentachloroethane
 Concen: 5.035 ug/l
 RT: 11.46 min Scan# 3146
 Delta R.T. -0.00 min
 Lab File: VU035538.D
 Acq: 29 Oct 2019 12:56

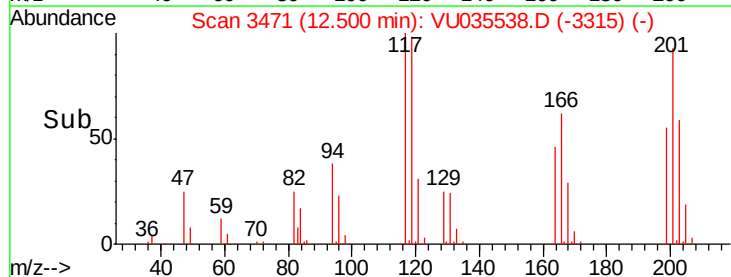
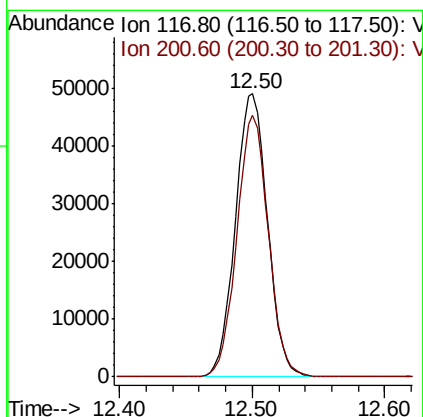
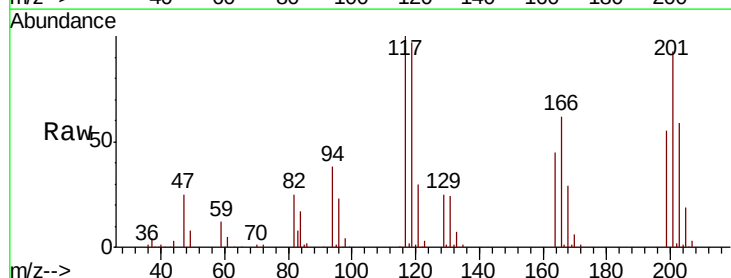
Instrument :
 MSVOA_U
 ClientSampleId :

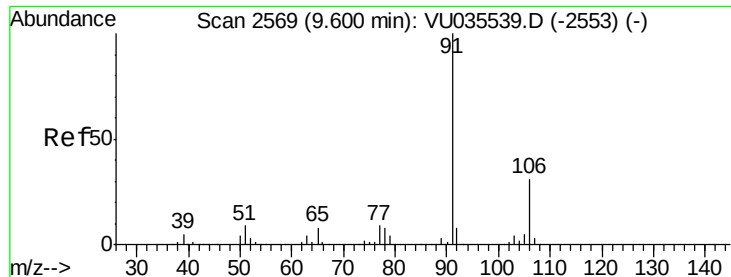
Tot Ion:117 Resp: 91786
 Ion Ratio Lower Upper
 117 100
 167 84.5 69.8 104.6



#62
 Hexachloroethane
 Concen: 5.080 ug/l
 RT: 12.50 min Scan# 3471
 Delta R.T. 0.00 min
 Lab File: VU035538.D
 Acq: 29 Oct 2019 12:56

Tgt Ion:117 Resp: 82653
 Ion Ratio Lower Upper
 117 100
 201 90.4 71.8 107.8

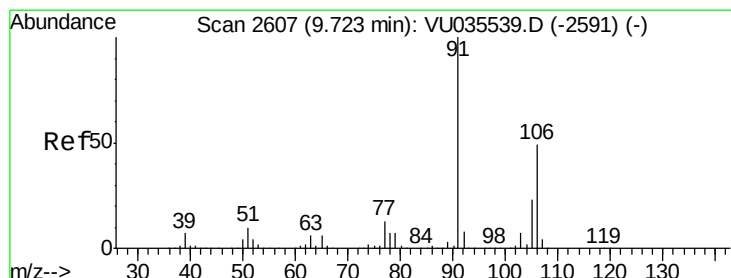
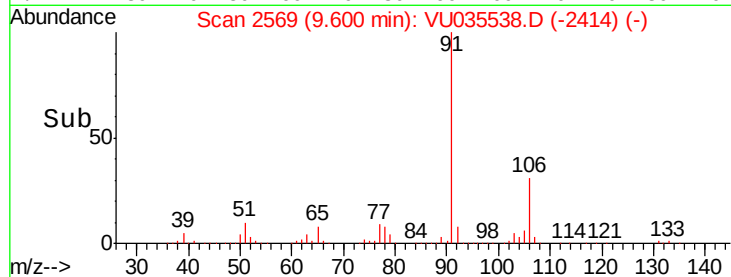
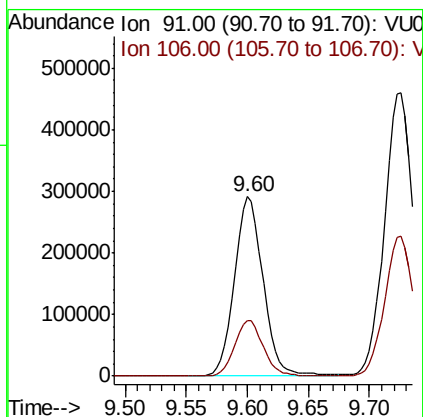
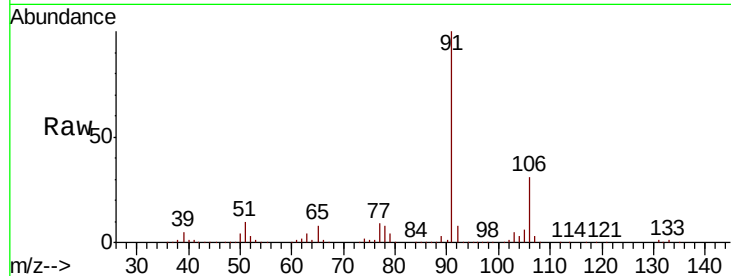




#63
Ethyl Benzene
Concen: 4.973 ug/l
RT: 9.60 min Scan# 2569
Delta R.T. -0.00 min
Lab File: VU035538.D
Acq: 29 Oct 2019 12:56

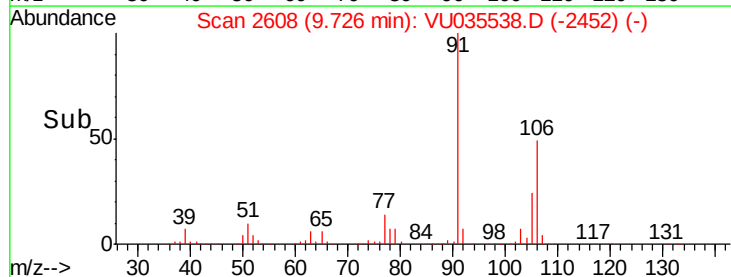
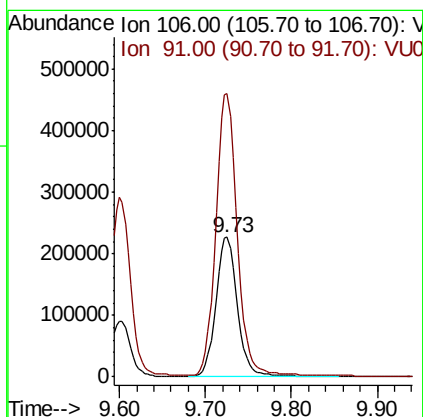
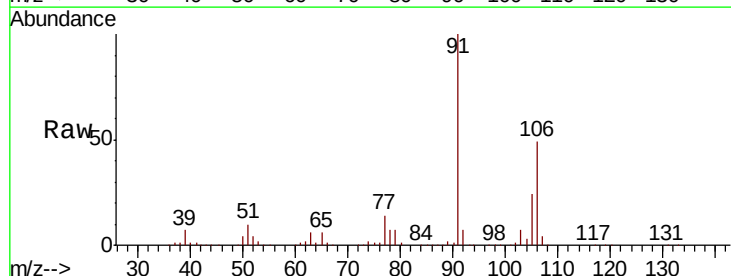
Instrument :
MSVOA_U
ClientSampleId :

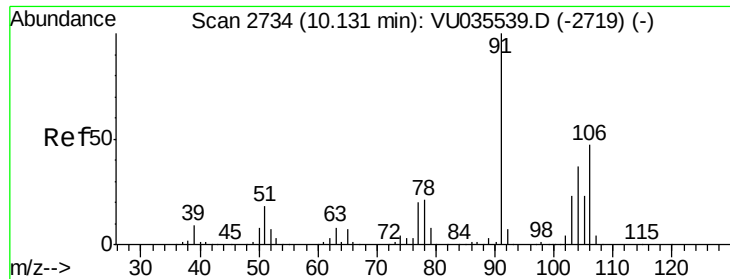
Tot Ion: 91 Resp: 478569
Ion Ratio Lower Upper
91 100
106 31.3 25.2 37.8



#64
m/p-Xylenes
Concen: 10.154 ug/l
RT: 9.73 min Scan# 2608
Delta R.T. 0.00 min
Lab File: VU035538.D
Acq: 29 Oct 2019 12:56

Tgt Ion: 106 Resp: 394394
Ion Ratio Lower Upper
106 100
91 201.2 81.0 121.4#

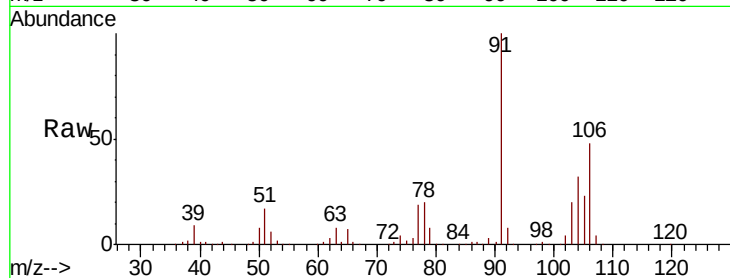




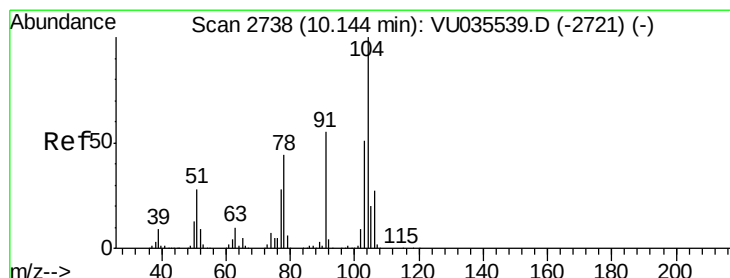
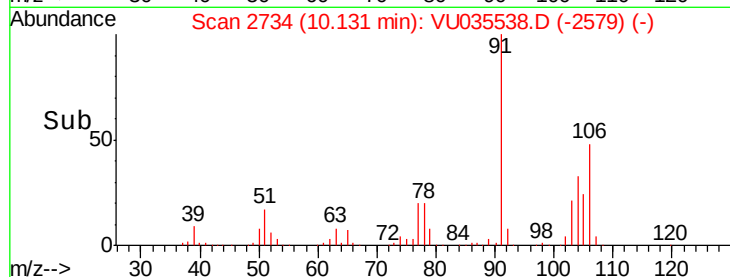
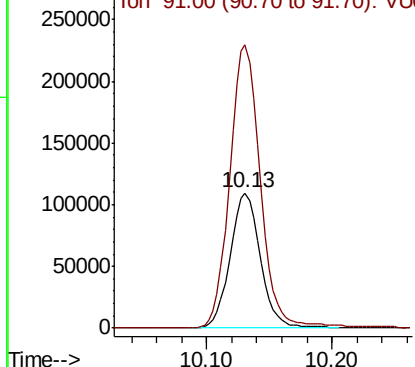
#65
o-Xylene
Concen: 4.955 ug/l
RT: 10.13 min Scan# 2734
Delta R.T. -0.00 min
Lab File: VU035538.D
Acq: 29 Oct 2019 12:56

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:106 Resp: 183440
Ion Ratio Lower Upper
106 100
91 212.9 107.1 321.1

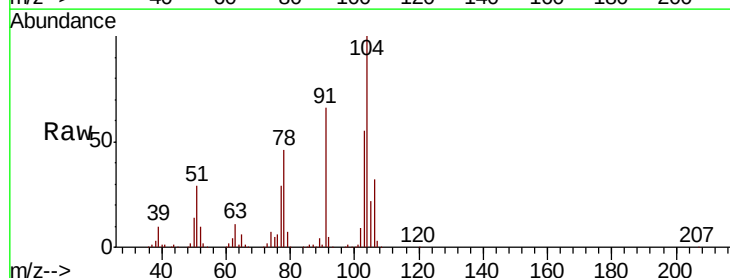


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

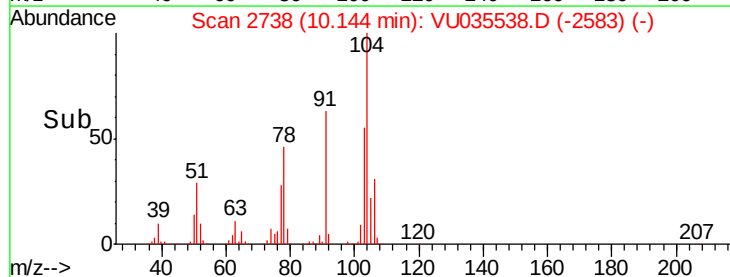
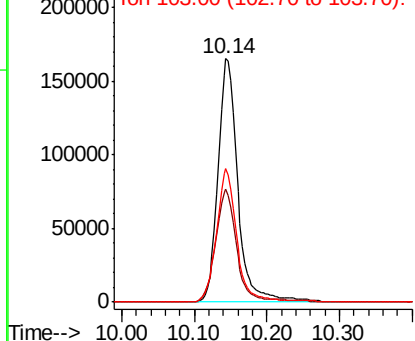


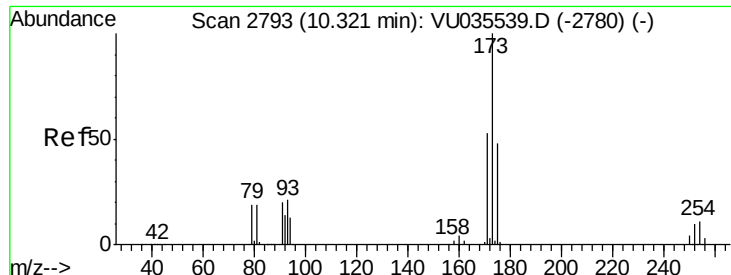
#66
Styrene
Concen: 5.065 ug/l
RT: 10.14 min Scan# 2738
Delta R.T. -0.00 min
Lab File: VU035538.D
Acq: 29 Oct 2019 12:56

Tgt Ion:104 Resp: 314348
Ion Ratio Lower Upper
104 100
78 49.4 38.6 58.0
103 55.0 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





#67

Bromoform

Concen: 5.569 ug/l

RT: 10.32 min Scan# 2793

Delta R.T. -0.00 min

Lab File: VU035538.D

Acq: 29 Oct 2019 12:56

Instrument :

MSVOA_U

ClientSampleId :

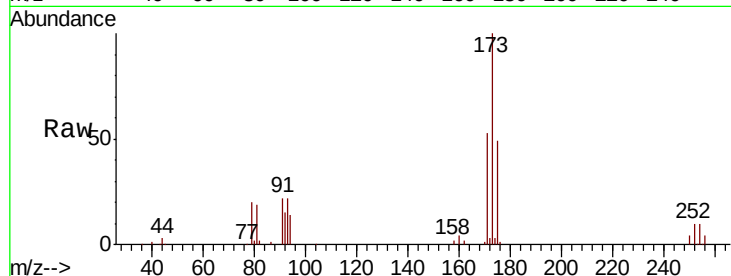
Tot Ion:173 Resp: 65747

Ion Ratio Lower Upper

173 100

175 48.4 38.7 58.1

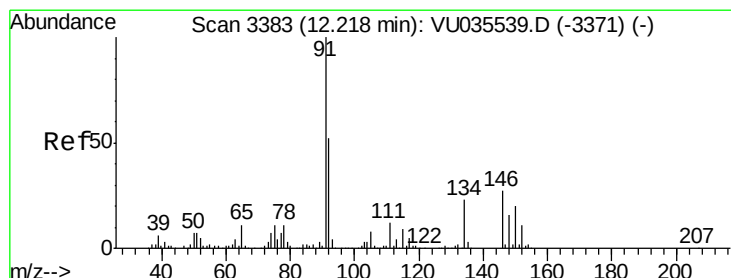
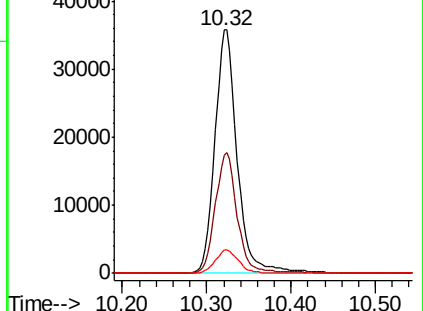
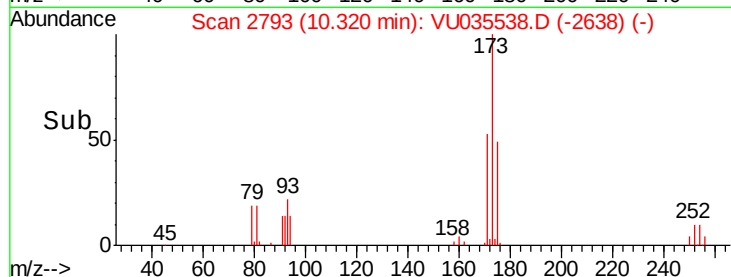
254 9.9 8.2 12.2



Abundance Ion 172.90 (172.60 to 173.60): V

Ion 174.90 (174.60 to 175.60): V

Ion 253.75 (253.45 to 254.45): V



#68

1,2-Dichlorobenzene-d4

Concen: 0.940 ug/l

RT: 12.22 min Scan# 3384

Delta R.T. 0.00 min

Lab File: VU035538.D

Acq: 29 Oct 2019 12:56

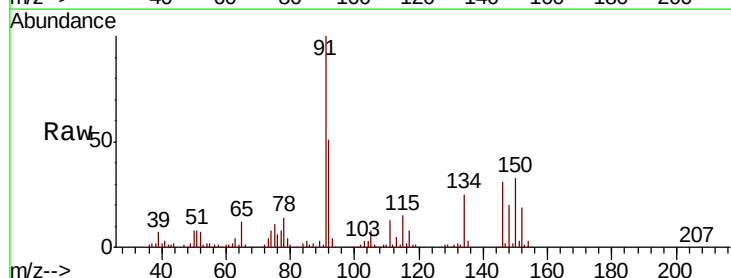
Tgt Ion:152 Resp: 30140

Ion Ratio Lower Upper

152 100

115 99.2 0.0 250.6

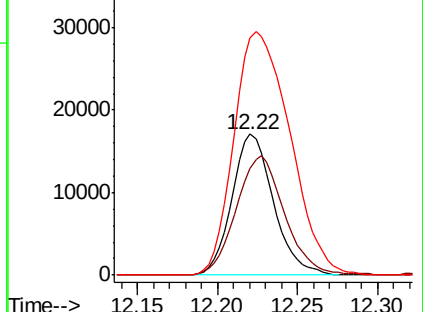
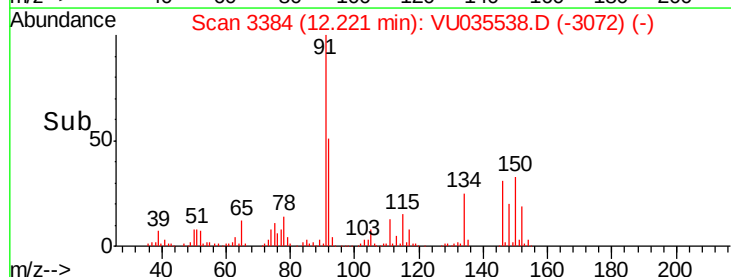
150 234.9 0.0 656.8

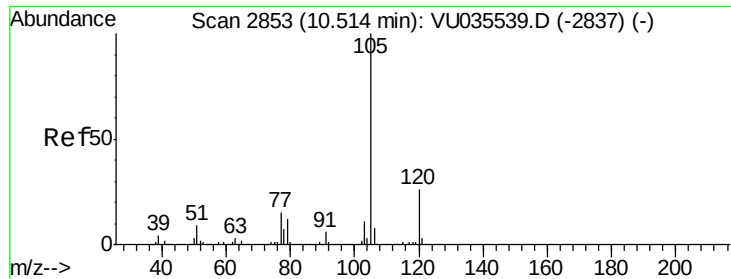


Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V





#69

Isopropylbenzene

Concen: 4.954 ug/l

RT: 10.51 min Scan# 2853

Delta R.T. -0.00 min

Lab File: VU035538.D

Acq: 29 Oct 2019 12:56

Instrument :

MSVOA_U

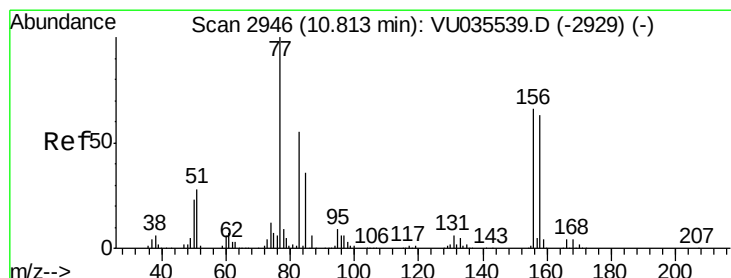
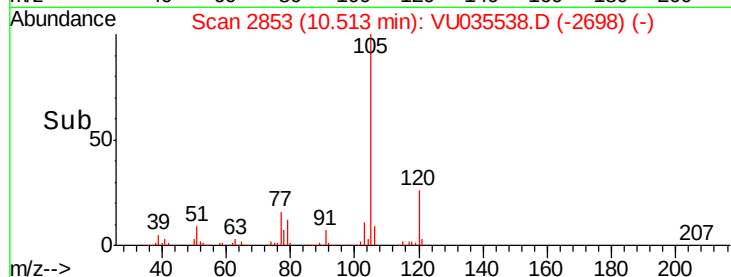
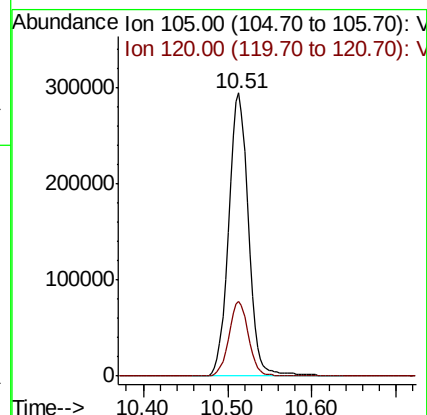
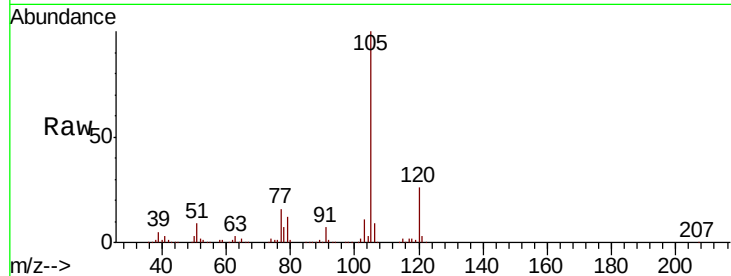
ClientSampleId :

Tot Ion:105 Resp: 479029

Ion Ratio Lower Upper

105 100

120 26.4 13.2 39.5



#70

1,1,2,2-Tetrachloroethane

Concen: 5.356 ug/l

RT: 10.81 min Scan# 2946

Delta R.T. -0.00 min

Lab File: VU035538.D

Acq: 29 Oct 2019 12:56

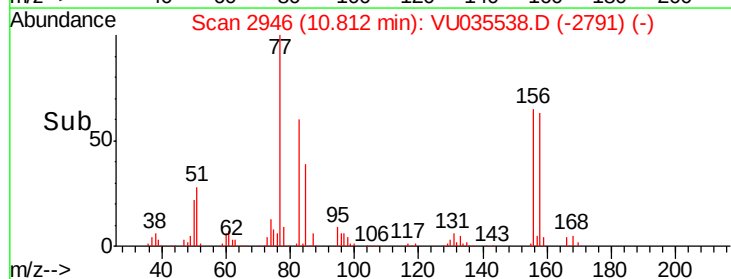
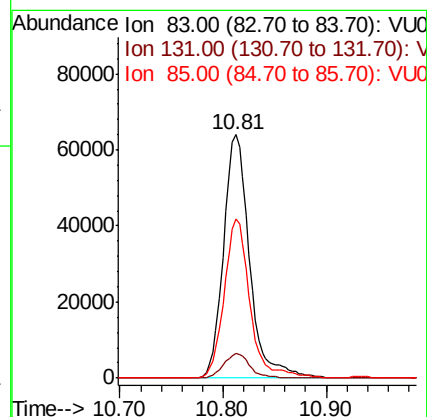
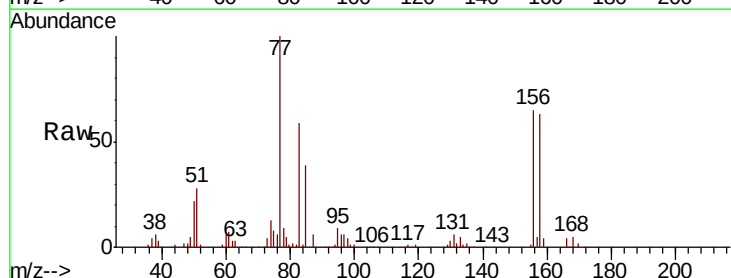
Tgt Ion: 83 Resp: 112818

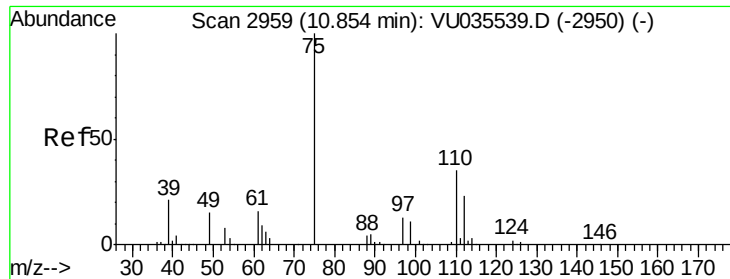
Ion Ratio Lower Upper

83 100

131 10.2 0.0 0.0#

85 64.5 33.5 50.3#





#71

1,2,3-Trichloropropane

Concen: 8.019 ug/l

RT: 10.85 min Scan# 2959

Delta R.T. -0.00 min

Lab File: VU035538.D

Acq: 29 Oct 2019 12:56

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 117818

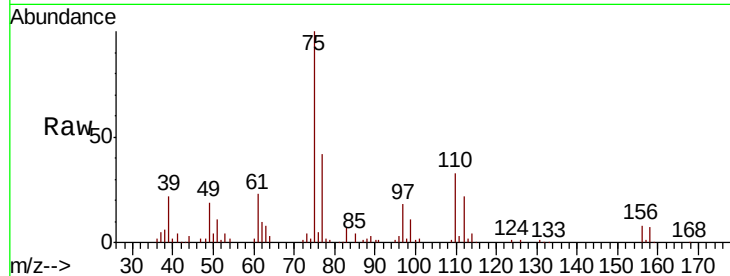
Ion Ratio Lower Upper

75 100

77 0.0 0.0 68.6

110 24.2 0.0 77.2

97 13.2 0.0 39.0

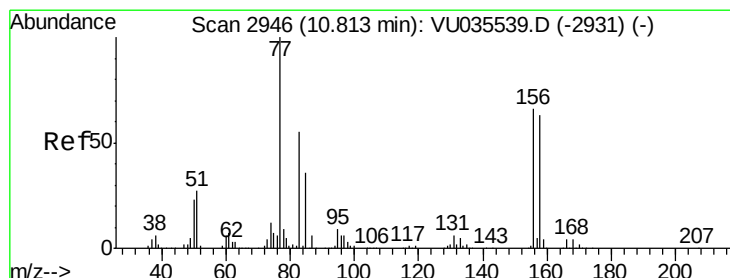
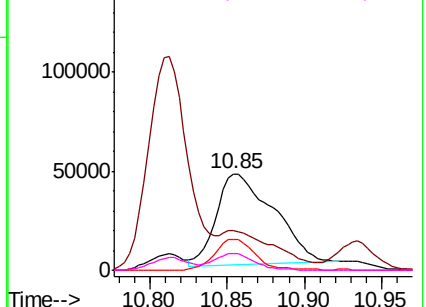
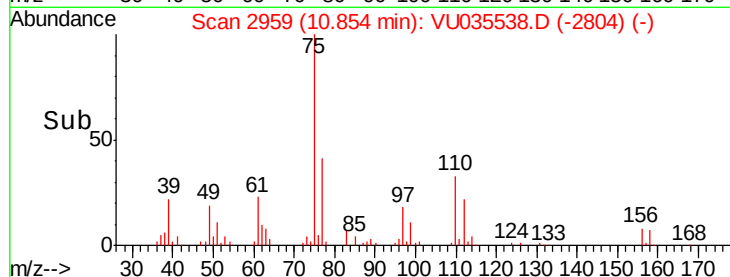


Abundance Ion 75.00 (74.70 to 75.70): VU0

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: 4.959 ug/l

RT: 10.81 min Scan# 2946

Delta R.T. -0.00 min

Lab File: VU035538.D

Acq: 29 Oct 2019 12:56

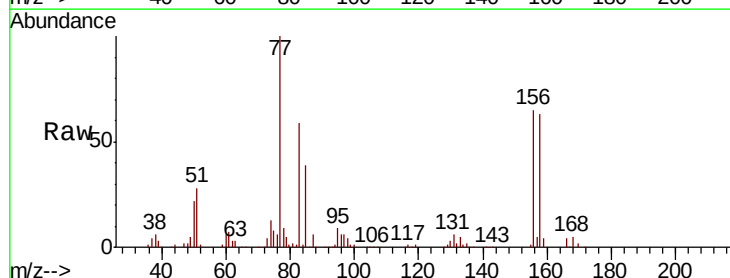
Tgt Ion: 156 Resp: 130753

Ion Ratio Lower Upper

156 100

77 147.9 0.0 300.4

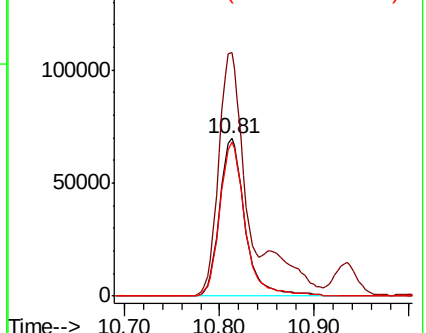
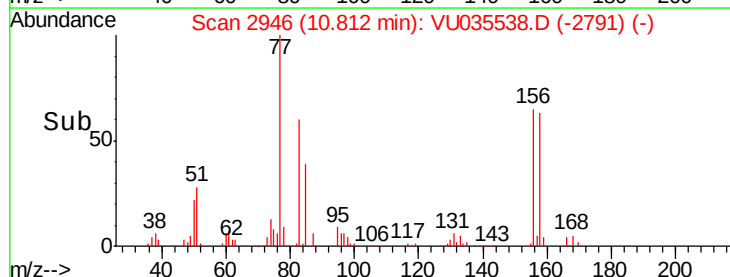
158 97.1 0.0 194.4

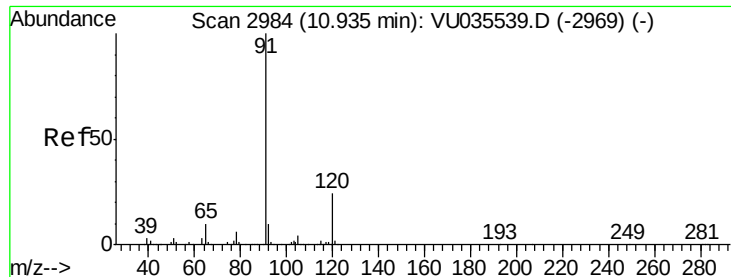


Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 158.00 (157.70 to 158.70): V





#73

n-propylbenzene

Concen: 4.984 ug/l

RT: 10.93 min Scan# 2984

Delta R.T. -0.00 min

Lab File: VU035538.D

Acq: 29 Oct 2019 12:56

Instrument :

MSVOA_U

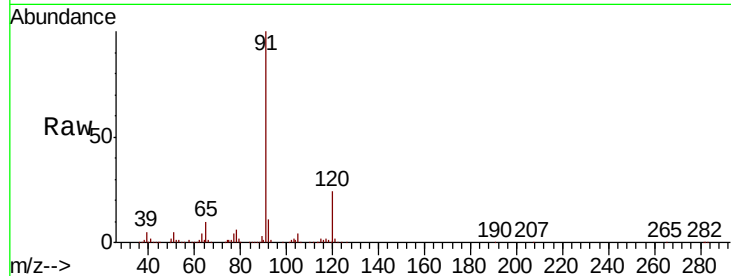
ClientSampled :

Tot Ion:120 Resp: 138970

Ion Ratio Lower Upper

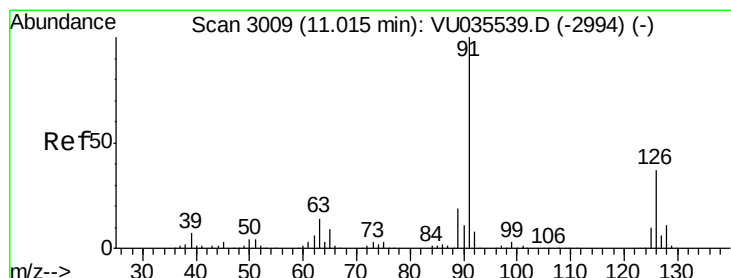
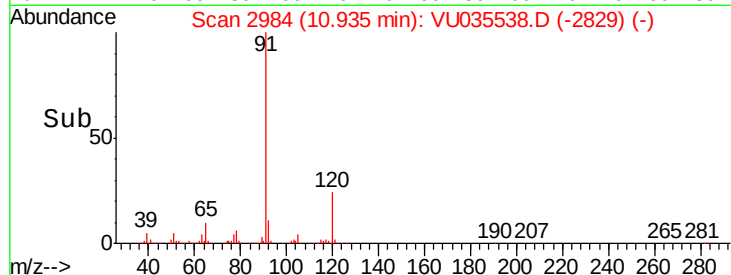
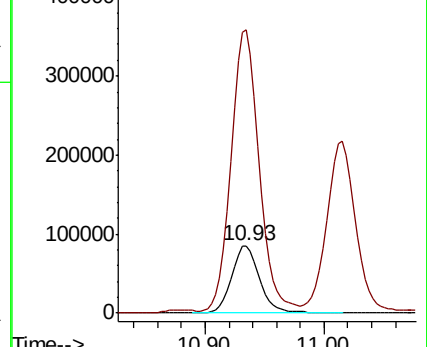
120 100

91 416.4 340.6 510.8



Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0



#74

2-Chlorotoluene

Concen: 5.027 ug/l

RT: 11.01 min Scan# 3009

Delta R.T. -0.00 min

Lab File: VU035538.D

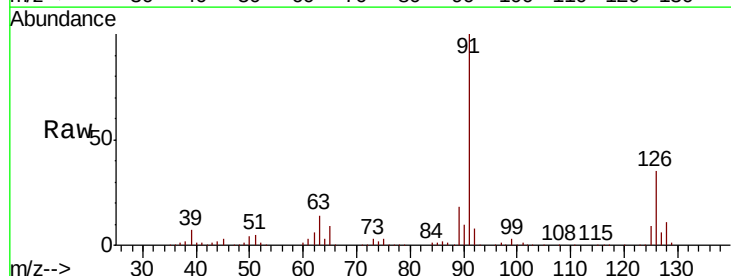
Acq: 29 Oct 2019 12:56

Tgt Ion:126 Resp: 126718

Ion Ratio Lower Upper

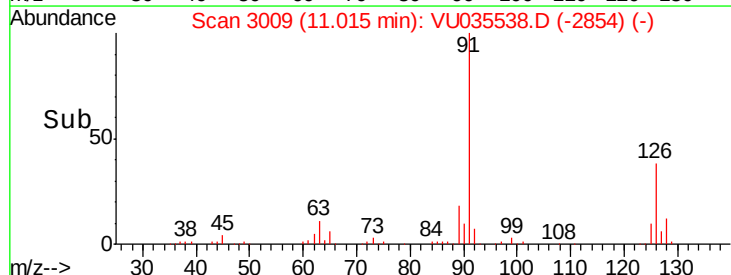
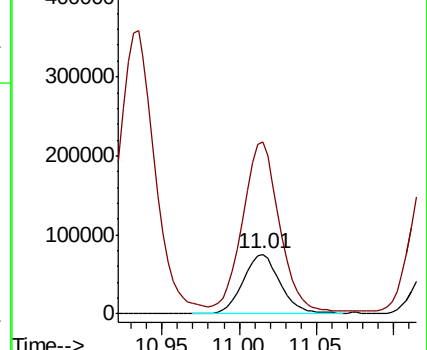
126 100

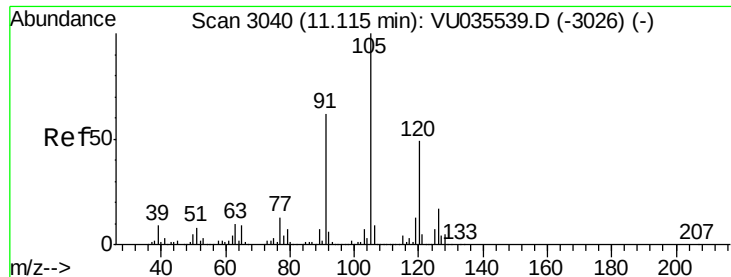
91 286.8 0.0 574.2



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: 4.748 ug/l

RT: 11.11 min Scan# 3040

Delta R.T. -0.00 min

Lab File: VU035538.D

Acq: 29 Oct 2019 12:56

Instrument :

MSVOA_U

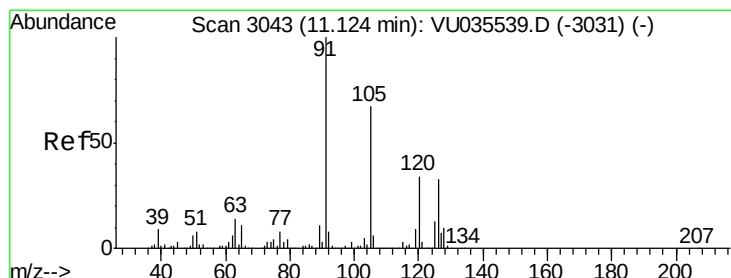
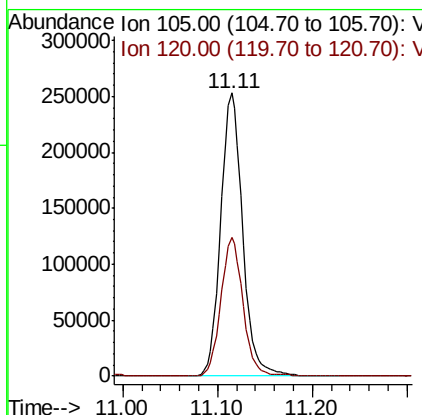
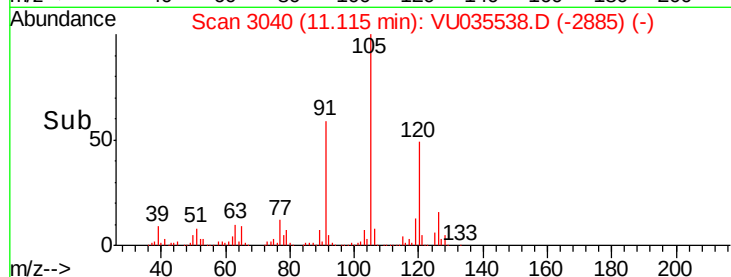
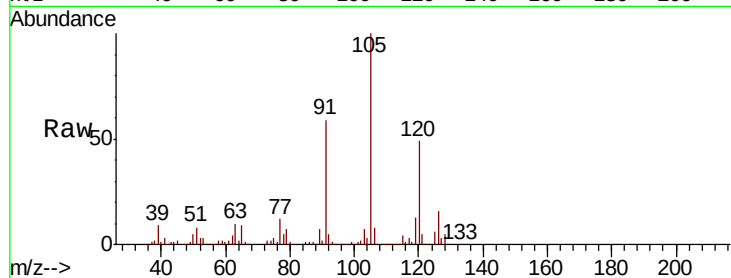
ClientSampled :

Tot Ion:105 Resp: 407065

Ion Ratio Lower Upper

105 100

120 49.5 39.4 59.2



#76

4-Chlorotoluene

Concen: 5.047 ug/l

RT: 11.13 min Scan# 3044

Delta R.T. 0.00 min

Lab File: VU035538.D

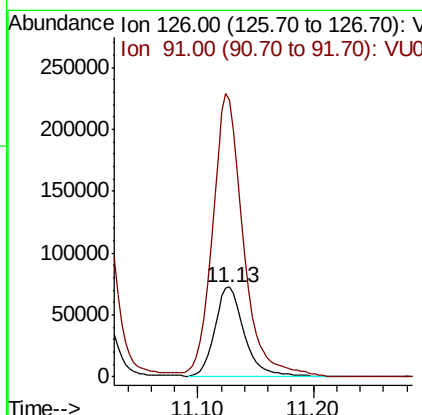
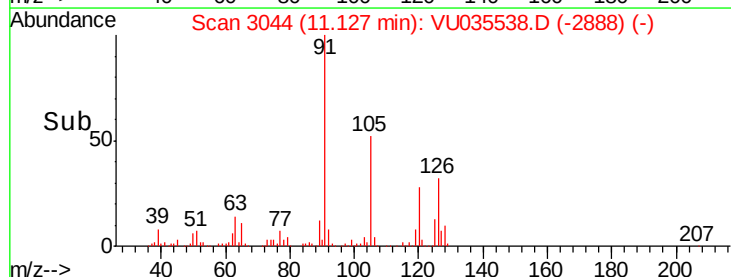
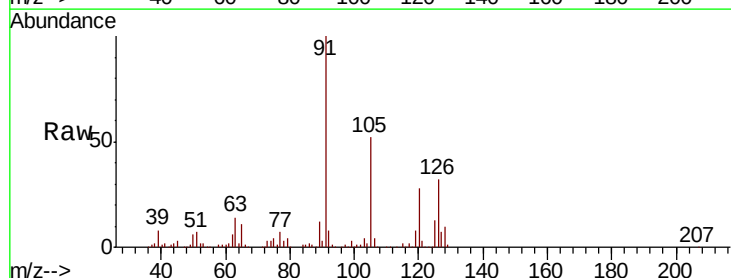
Acq: 29 Oct 2019 12:56

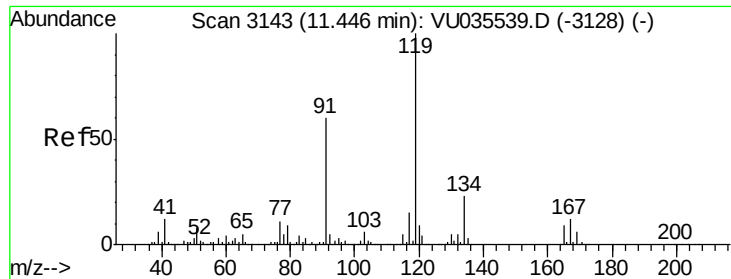
Tgt Ion:126 Resp: 129778

Ion Ratio Lower Upper

126 100

91 324.8 0.0 637.0





#77

tert-Butylbenzene

Concen: 4.804 ug/l

RT: 11.45 min Scan# 3143

Delta R.T. -0.00 min

Lab File: VU035538.D

Acq: 29 Oct 2019 12:56

Instrument :

MSVOA_U

ClientSampleId :

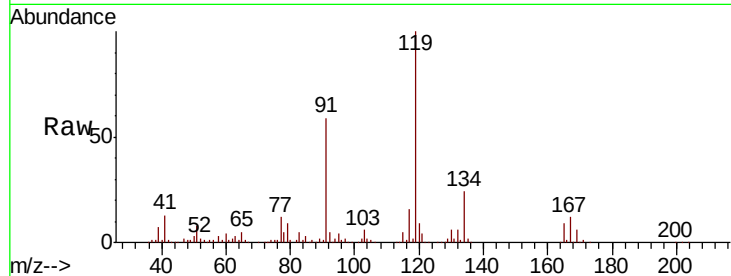
Tot Ion:119 Resp: 402359

Ion Ratio Lower Upper

119 100

91 55.6 27.9 83.7

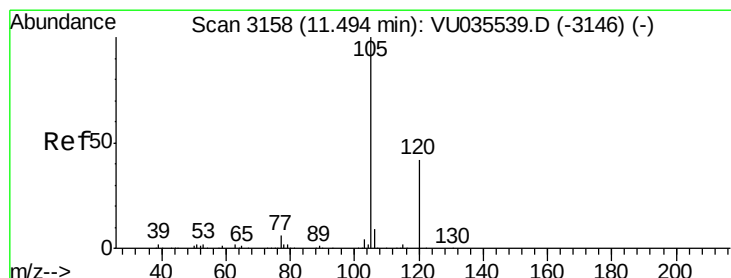
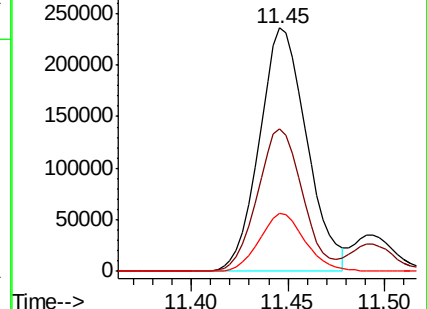
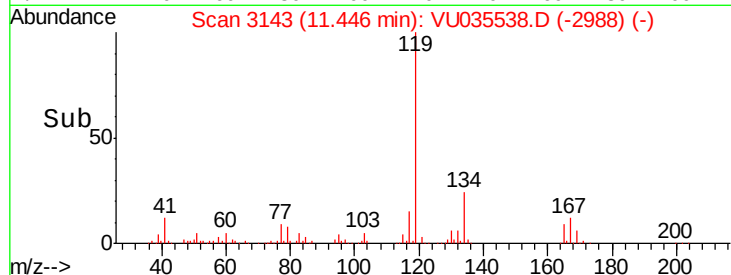
134 23.1 18.3 27.5



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: 4.760 ug/l

RT: 11.49 min Scan# 3158

Delta R.T. -0.00 min

Lab File: VU035538.D

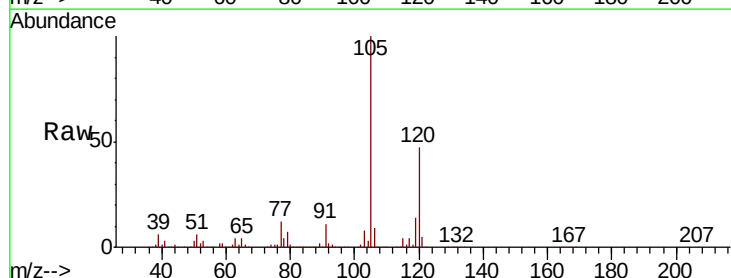
Acq: 29 Oct 2019 12:56

Tgt Ion:105 Resp: 412182

Ion Ratio Lower Upper

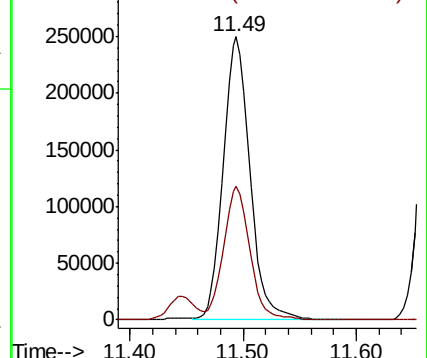
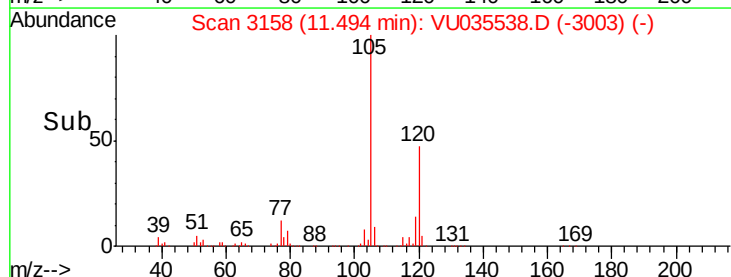
105 100

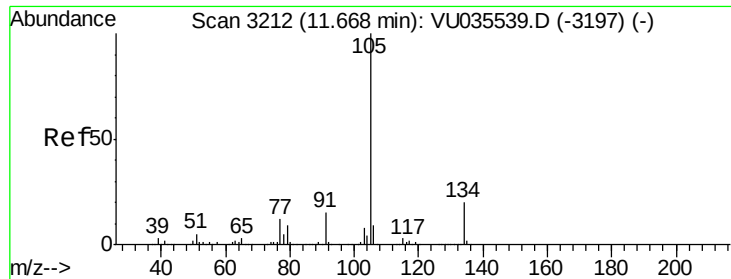
120 46.5 23.2 69.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#79

sec-Butylbenzene

Concen: 4.697 ug/l

RT: 11.67 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VU035538.D

Acq: 29 Oct 2019 12:56

Instrument :

MSVOA_U

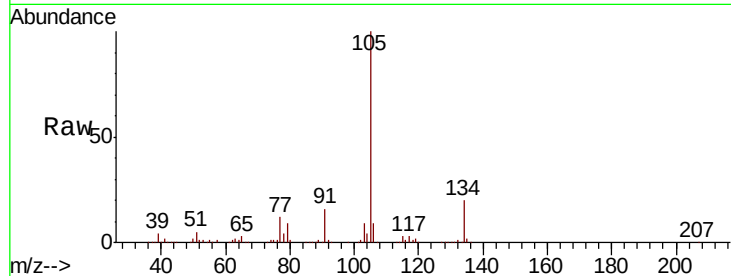
ClientSampleId :

Tot Ion:105 Resp: 527198

Ion Ratio Lower Upper

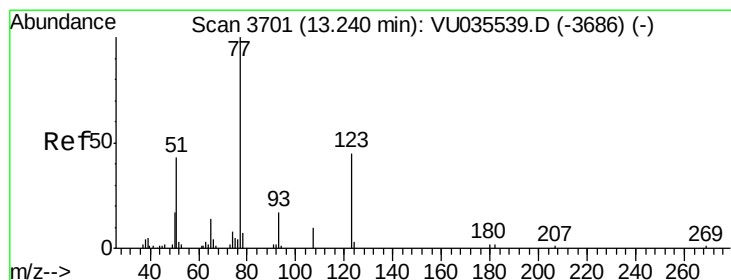
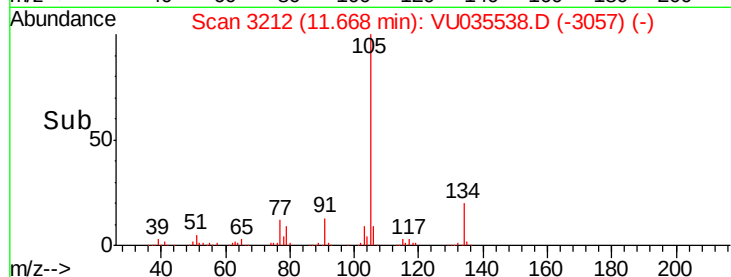
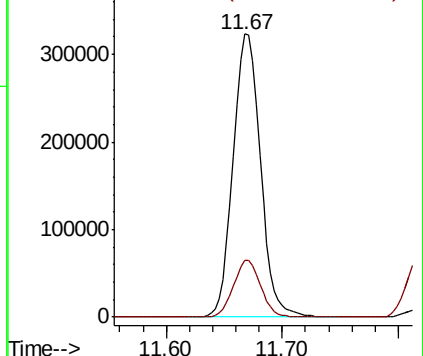
105 100

134 20.1 15.9 23.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#80

Nitrobenzene

Concen: 18.873 ug/l

RT: 13.24 min Scan# 3701

Delta R.T. -0.00 min

Lab File: VU035538.D

Acq: 29 Oct 2019 12:56

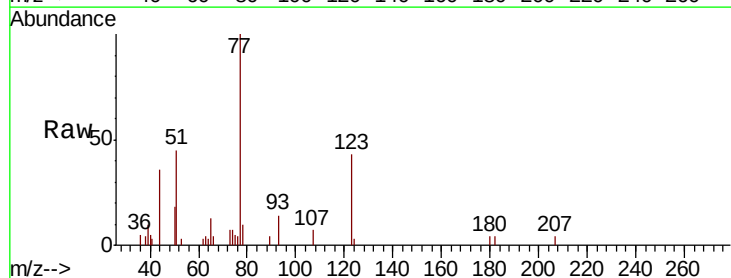
Tgt Ion: 77 Resp: 8129

Ion Ratio Lower Upper

77 100

123 40.5 18.9 67.1

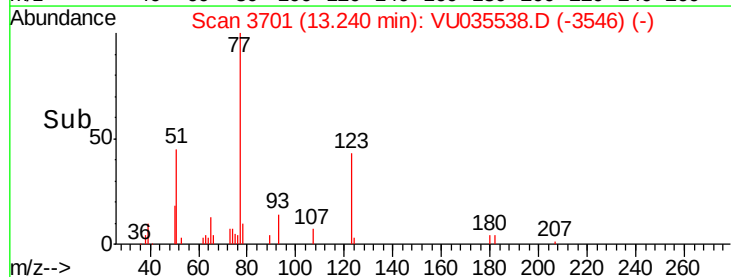
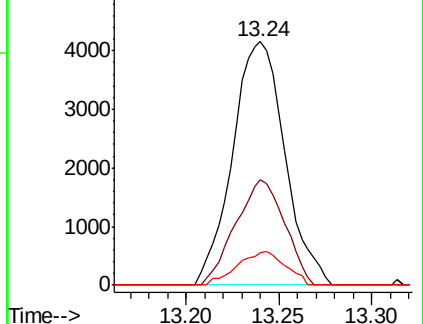
65 12.7 11.2 14.2

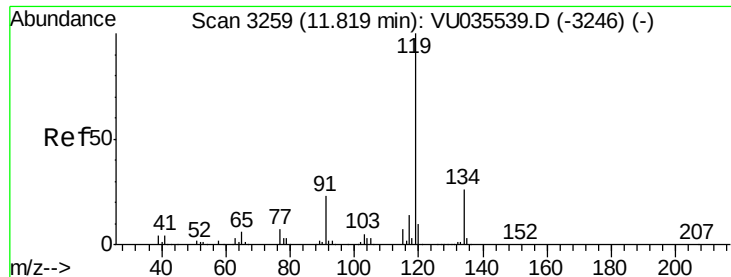


Abundance Ion 77.00 (76.70 to 77.70): VU0

Ion 123.00 (122.70 to 123.70): V

Ion 65.00 (64.70 to 65.70): VU0

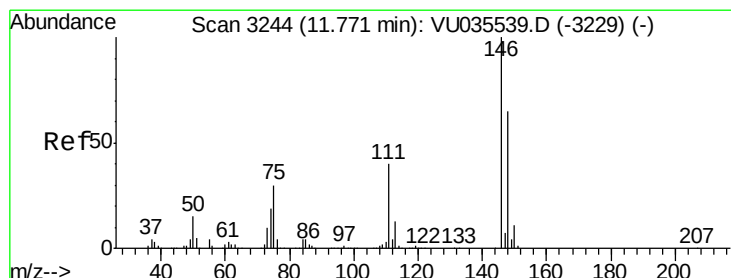
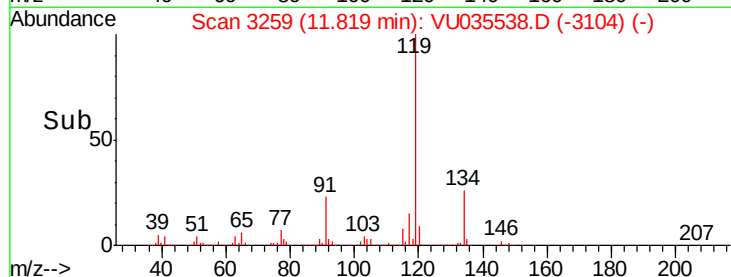
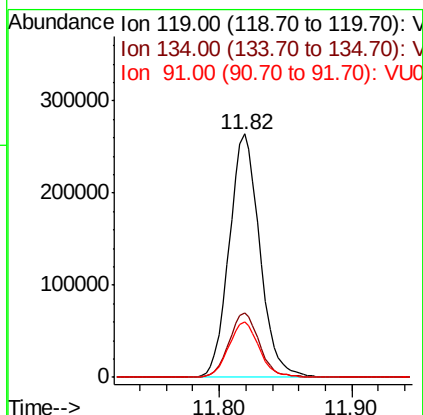
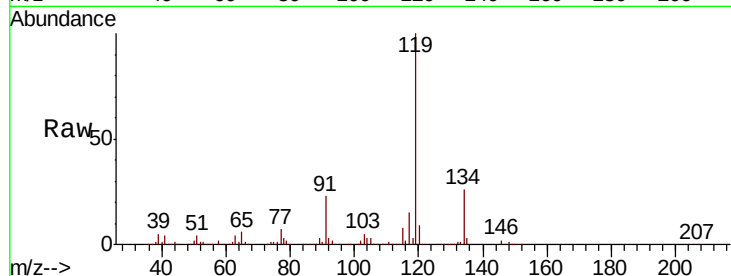




#81
 p-Isopropyltoluene
 Concen: 4.550 ug/l
 RT: 11.82 min Scan# 3259
 Delta R.T. -0.00 min
 Lab File: VU035538.D
 Acq: 29 Oct 2019 12:56

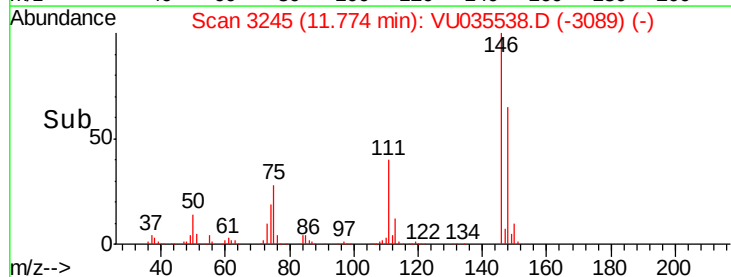
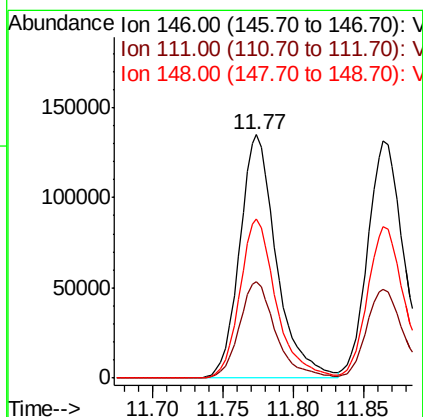
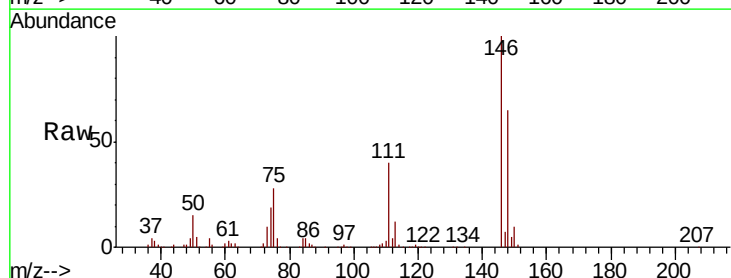
Instrument :
 MSVOA_U
 ClientSampleId :

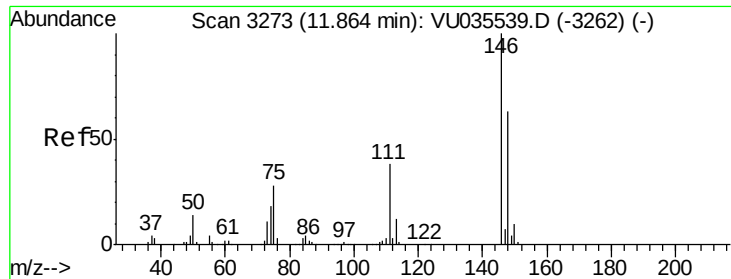
Tot Ion:119 Resp: 422903
 Ion Ratio Lower Upper
 119 100
 134 26.2 17.0 25.4#
 91 22.7 41.3 61.9#



#82
 1,3-Dichlorobenzene
 Concen: 4.547 ug/l
 RT: 11.77 min Scan# 3245
 Delta R.T. 0.00 min
 Lab File: VU035538.D
 Acq: 29 Oct 2019 12:56

Tgt Ion:146 Resp: 246513
 Ion Ratio Lower Upper
 146 100
 111 39.3 31.8 47.6
 148 64.4 50.9 76.3

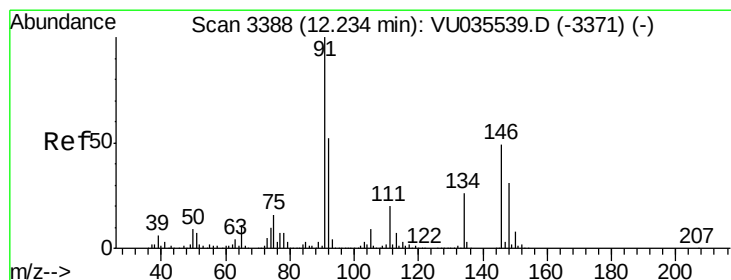
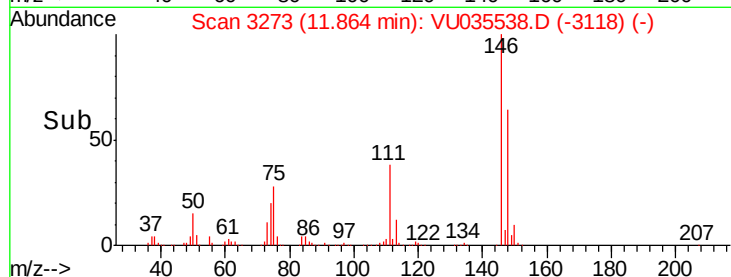
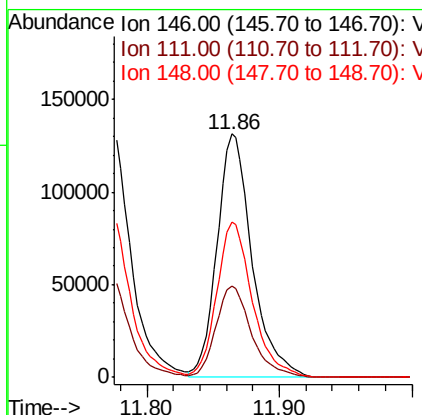
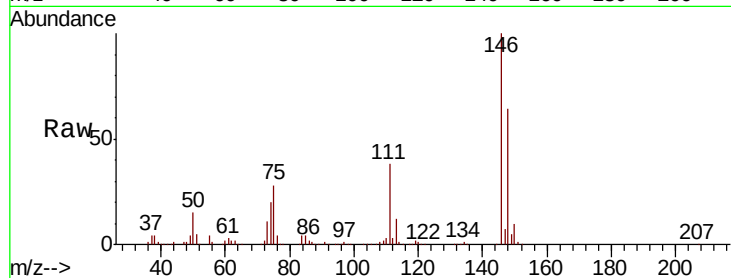




#83
 1,4-Dichlorobenzene
 Concen: 4.485 ug/l
 RT: 11.86 min Scan# 3273
 Delta R.T. -0.00 min
 Lab File: VU035538.D
 Acq: 29 Oct 2019 12:56

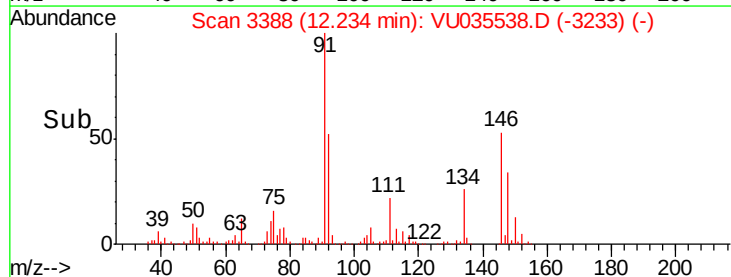
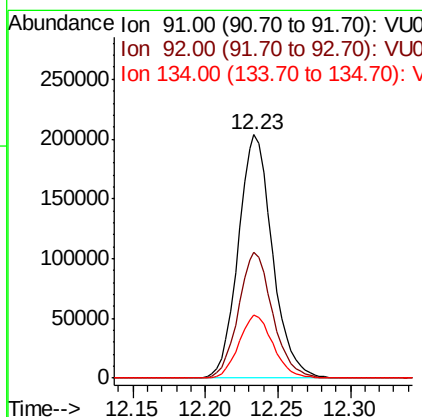
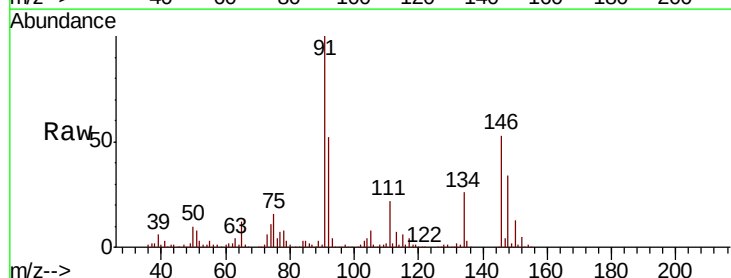
Instrument :
 MSVOA_U
 ClientSampleId :

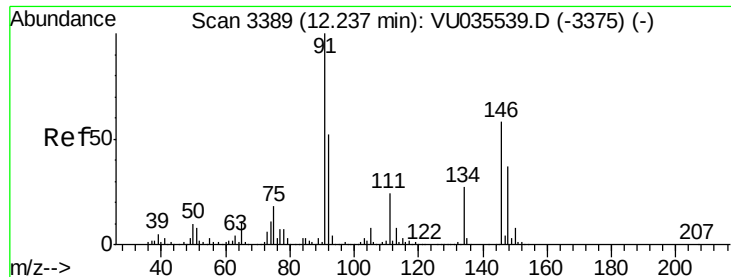
Tot Ion:146 Resp: 241386
 Ion Ratio Lower Upper
 146 100
 111 38.0 30.1 45.1
 148 64.9 51.0 76.4



#84
 n-Butylbenzene
 Concen: 3.930 ug/l
 RT: 12.23 min Scan# 3388
 Delta R.T. -0.00 min
 Lab File: VU035538.D
 Acq: 29 Oct 2019 12:56

Tgt Ion: 91 Resp: 332839
 Ion Ratio Lower Upper
 91 100
 92 51.4 41.4 62.0
 134 25.8 20.6 30.8

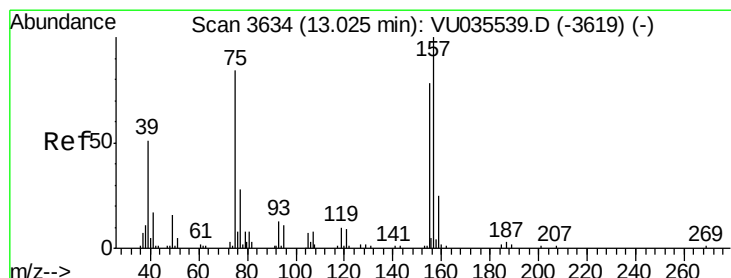
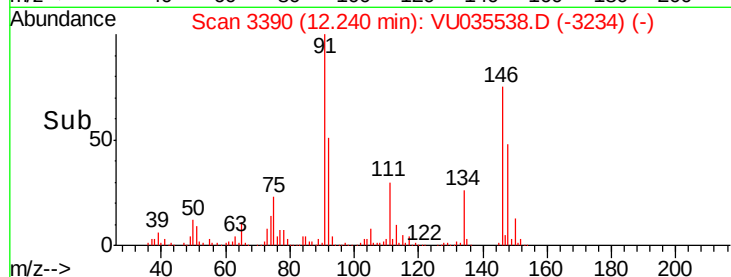
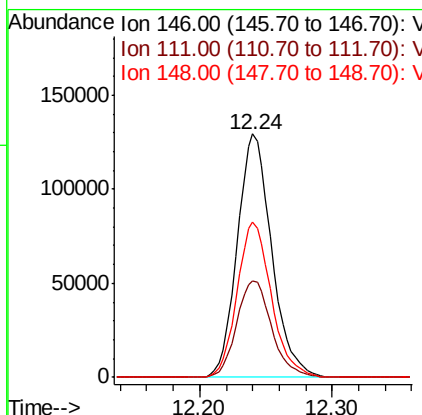
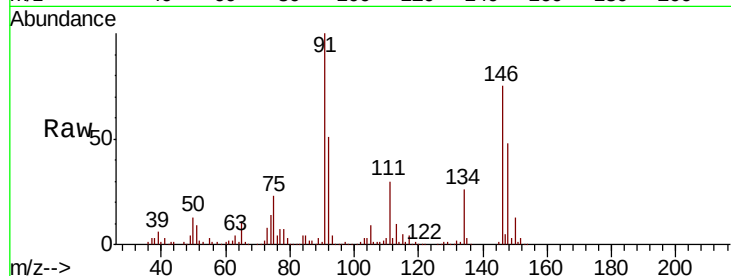




#85
 1,2-Dichlorobenzene
 Concen: 4.711 ug/l
 RT: 12.24 min Scan# 3390
 Delta R.T. 0.00 min
 Lab File: VU035538.D
 Acq: 29 Oct 2019 12:56

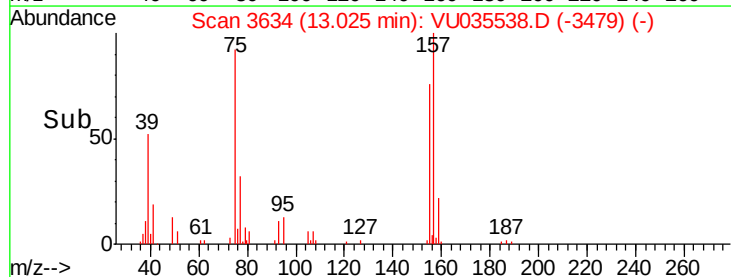
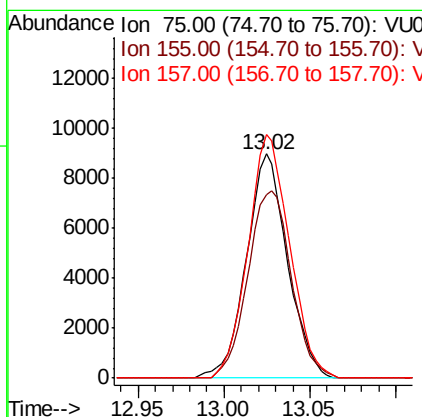
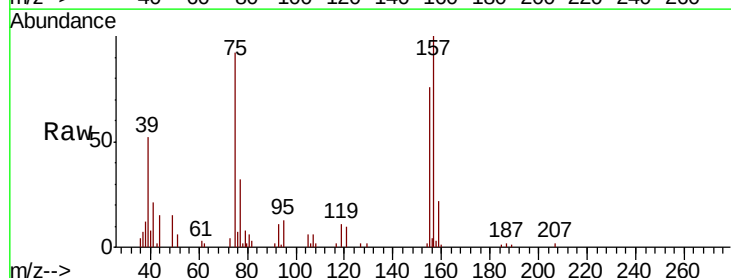
Instrument :
 MSVOA_U
 ClientSampleId :

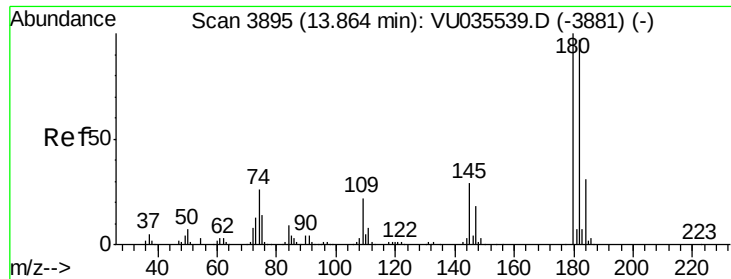
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.3	20.5	61.5
148	63.4	32.0	96.2



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 5.353 ug/l
 RT: 13.02 min Scan# 3634
 Delta R.T. -0.00 min
 Lab File: VU035538.D
 Acq: 29 Oct 2019 12:56

Tgt Ion	Ratio	Lower	Upper
75	100		
155	88.5	71.3	106.9
157	110.0	91.2	136.8

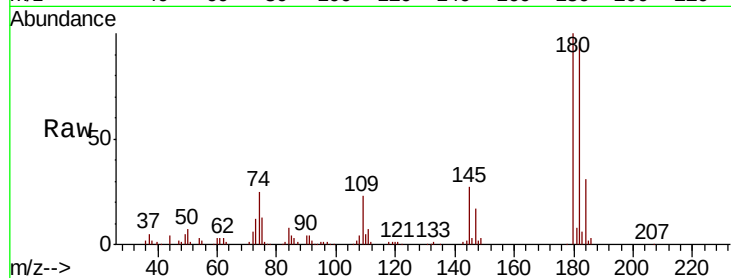




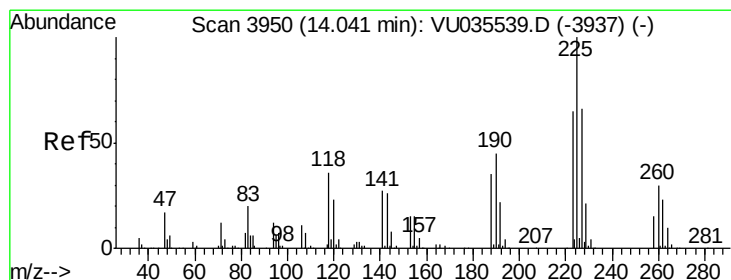
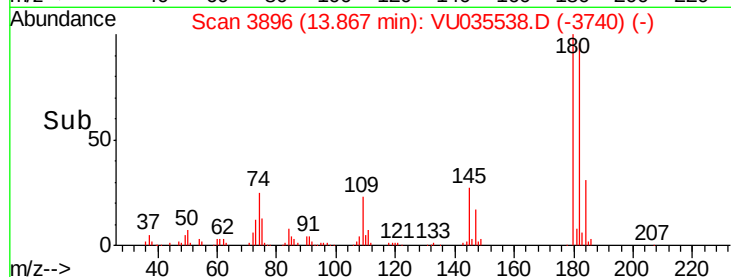
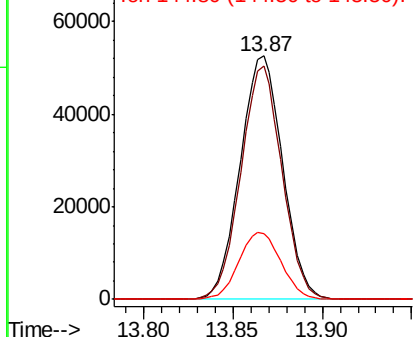
#87
 1,2,4-Trichlorobenzene
 Concen: 3.253 ug/l
 RT: 13.87 min Scan# 3896
 Delta R.T. 0.00 min
 Lab File: VU035538.D
 Acq: 29 Oct 2019 12:56

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:180 Resp: 87632
 Ion Ratio Lower Upper
 180 100
 182 92.6 77.4 116.0
 145 27.3 22.6 33.8

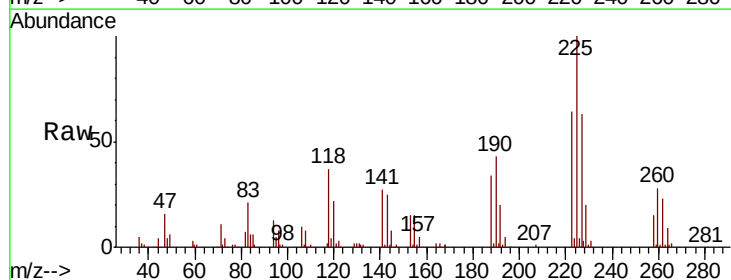


Abundance Ion 179.70 (179.40 to 180.40): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

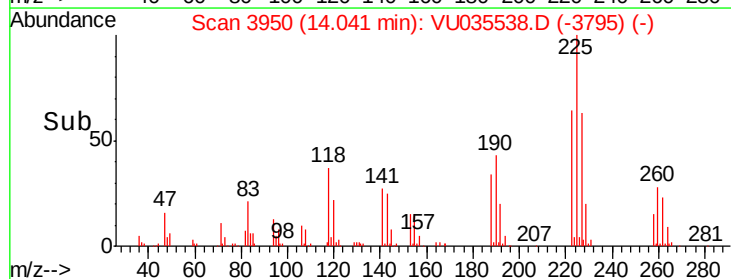
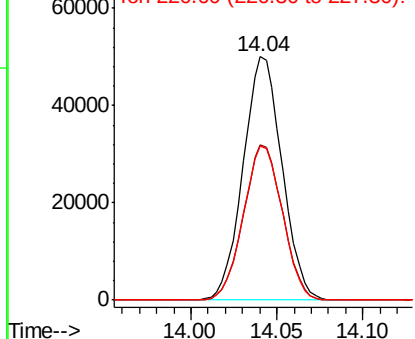


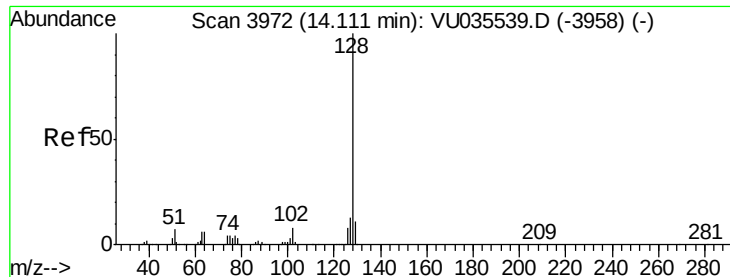
#88
 Hexachlorobutadiene
 Concen: 3.735 ug/l
 RT: 14.04 min Scan# 3950
 Delta R.T. -0.00 min
 Lab File: VU035538.D
 Acq: 29 Oct 2019 12:56

Tgt Ion:225 Resp: 78576
 Ion Ratio Lower Upper
 225 100
 223 63.8 50.7 76.1
 227 63.3 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: 3.249 ug/l

RT: 14.11 min Scan# 3972

Delta R.T. -0.00 min

Lab File: VU035538.D

Acq: 29 Oct 2019 12:56

Instrument :

MSVOA_U

ClientSampleId :

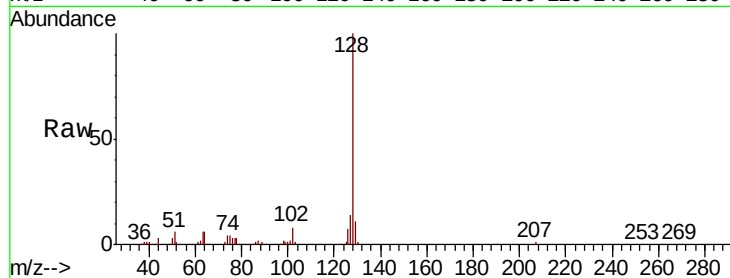
Tot Ion:128 Resp: 114389

Ion Ratio Lower Upper

128 100

127 13.7 10.3 15.5

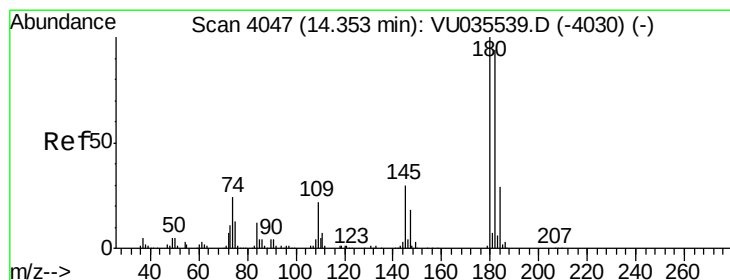
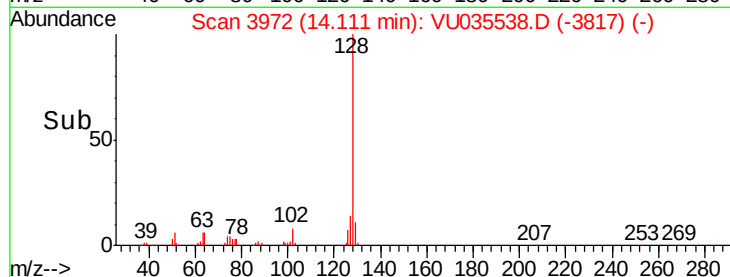
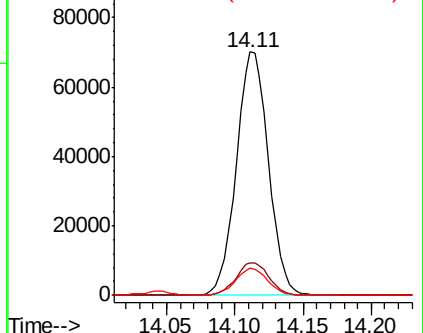
129 11.0 8.6 13.0



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: 3.582 ug/l

RT: 14.36 min Scan# 4048

Delta R.T. 0.00 min

Lab File: VU035538.D

Acq: 29 Oct 2019 12:56

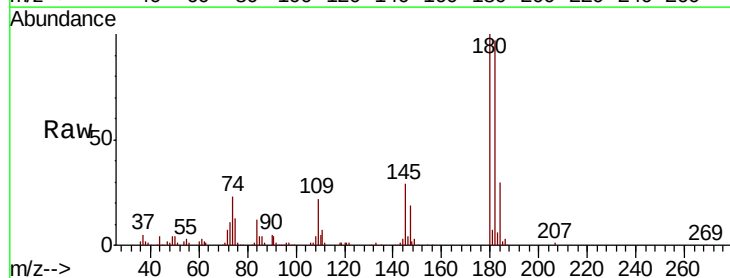
Tgt Ion:180 Resp: 89807

Ion Ratio Lower Upper

180 100

182 95.6 75.8 113.8

145 29.1 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

