

Data File : VU029836.D
Acq On : 06 Mar 2019 13:03
Operator : JC/SP
Sample : VSTDICV010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ICVVU030719

Quant Time: Mar 07 01:41:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U030719DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Mar 07 01:34:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.74	96	68337	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.31	95	24748	1.01	ug/l	0.00
Spiked Amount	1.000		Recovery	=	101.00%	
68) 1,2-Dichlorobenzene-d4	11.85	152	27598	0.97	ug/l	0.00
Spiked Amount	1.000		Recovery	=	97.00%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	117494	5.138	ug/l 98
3) Chloromethane	1.33	50	153368	7.532	ug/l 100
4) Vinyl Chloride	1.40	62	187871	8.202	ug/l 99
5) Bromomethane	1.62	94	133950	8.563	ug/l 97
6) Chloroethane	1.69	64	123457	8.988	ug/l 95
7) Trichlorofluoromethane	1.88	101	280706	8.993	ug/l 96
8) 1,1,2-Trichloro-1,2,2-trif	2.28	101	183843	10.124	ug/l 99
9) 1,1-Dichloroethene	2.28	96	178847	10.062	ug/l 99
10) Iodomethane	2.41	142	230688	11.519	ug/l 98
11) Allyl Chloride	2.59	41	245786	9.836	ug/l 100
12) Acrylonitrile	2.93	53	187399	48.351	ug/l 99
13) Acetone	2.32	43	209041	65.121	ug/l 98
14) Carbon Disulfide	2.47	76	537441	9.336	ug/l 99
15) Methylene Chloride	2.69	84	195830	9.181	ug/l 100
16) trans-1,2-Dichloroethene	2.97	96	197618	9.842	ug/l 99
17) 1,1-Dichloroethane	3.44	63	343556	10.226	ug/l 99
18) 2-Butanone	4.27	43	255971	58.676	ug/l 99
19) Cyclohexane	4.98	56	250098	11.047	ug/l 99
20) Methylcyclohexane	6.41	83	341408	11.237	ug/l 100
21) 2,2-Dichloropropane	4.22	77	283110	10.309	ug/l 99
22) cis-1,2-Dichloroethene	4.22	96	216881	10.191	ug/l 98
23) Diethyl Ether	2.10	59	129675	9.731	ug/l 99
24) tert-Butyl Alcohol	2.83	59	63555	46.233	ug/l 98
25) Methyl tert-Butyl Ether	3.00	73	451899	10.096	ug/l 100
26) Bromochloromethane	4.54	128	91149	9.648	ug/l 100
27) Chloroform	4.67	83	346801	10.194	ug/l 99
28) 1,1,1-Trichloroethane	4.91	97	299947	10.399	ug/l 100
29) 1,1-Dichloropropene	5.13	75	265781	10.369	ug/l 99
30) Carbon Tetrachloride	5.13	117	266233	10.580	ug/l 97
31) Isopropyl Ether	3.57	45	521806	11.261	ug/l # 1
33) Tert-Amyl methyl ether	5.38	73	11910	0.286	ug/l # 1
34) Propionitrile	4.32	54	138757	106.927	ug/l 97
35) Benzene	5.38	78	787770	10.433	ug/l 99
36) 1,2-Dichloroethane	5.40	62	207643	10.068	ug/l 100
37) Trichloroethene	6.18	130	226299	10.265	ug/l 97
38) 1,2-Dichloropropane	6.43	63	198167	10.368	ug/l 100
39) Methacrylonitrile	4.55	41	56182	10.292	ug/l 99
40) Methyl acrylate	4.42	55	90406	10.478	ug/l # 97
41) Tetrahydrofuran	4.64	42	144176	50.498	ug/l 99
42) 1-Chlorobutane	5.06	56	343539	10.490	ug/l 99
43) Dibromomethane	6.56	93	104597	10.559	ug/l 99

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Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Mar 07 01:34:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Bromodichloromethane	6.75	83	250008	10.276	ug/l	99
45) 4-Methyl-2-Pentanone	7.46	43	543541	52.609	ug/l	100
46) t-1,4-Dichloro-2-butene	10.49	75	185524	42.951	ug/l #	44
47) Methyl methacrylate	6.62	69	97915	11.518	ug/l	97
48) Ethyl methacrylate	8.02	69	186197	11.432	ug/l	99
49) Toluene	7.63	92	508312	10.961	ug/l	99
50) t-1,3-Dichloropropene	7.87	75	245475	11.513	ug/l	98
51) cis-1,3-Dichloropropene	7.26	75	295008	11.177	ug/l	98
52) 1,1,2-Trichloroethane	8.06	97	152889	10.427	ug/l	98
53) 1,3-Dichloropropane	8.24	76	252075	10.481	ug/l	99
54) 2-Hexanone	8.36	43	417868	58.236	ug/l	100
55) Dibromochloromethane	8.47	129	184623	10.609	ug/l	99
56) 1,2-Dibromoethane	8.59	107	148121	10.653	ug/l	99
58) Tetrachloroethene	8.22	164	216656	9.621	ug/l	99
59) Chlorobenzene	9.12	112	574526	10.780	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.21	131	201601	10.545	ug/l	99
61) Pentachloroethane	11.10	117	156640	11.769	ug/l	96
62) Hexachloroethane	12.14	117	163159	11.652	ug/l	98
63) Ethyl Benzene	9.25	91	981003	11.237	ug/l	100
64) m/p-Xylenes	9.37	106	795966	23.063	ug/l	100
65) o-Xylene	9.77	106	380619	11.483	ug/l	100
66) Styrene	9.79	104	614286	11.155	ug/l	100
67) Bromoform	9.95	173	111844	10.942	ug/l	99
69) Isopropylbenzene	10.16	105	1019979	11.604	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.45	83	185052	10.348	ug/l	99
71) 1,2,3-Trichloropropane	10.49	75	185524	13.959	ug/l #	78
72) Bromobenzene	10.45	156	255635	10.988	ug/l	99
73) n-propylbenzene	10.58	120	288955	11.694	ug/l	97
74) 2-Chlorotoluene	10.66	126	240184	10.958	ug/l	99
75) 1,3,5-Trimethylbenzene	10.77	105	863496	11.662	ug/l	100
76) 4-Chlorotoluene	10.77	126	250061	11.188	ug/l	100
77) tert-Butylbenzene	11.10	119	847930	11.574	ug/l	99
78) 1,2,4-Trimethylbenzene	11.14	105	876735	11.717	ug/l	100
79) sec-Butylbenzene	11.32	105	1088466	11.210	ug/l	100
80) Nitrobenzene	12.86	77	3487	10.741	ug/l #	86
81) p-Isopropyltoluene	11.47	119	958703	11.794	ug/l	99
82) 1,3-Dichlorobenzene	11.41	146	495909	10.763	ug/l	100
83) 1,4-Dichlorobenzene	11.50	146	489867	10.880	ug/l	100
84) n-Butylbenzene	11.89	91	867949	11.719	ug/l	99
85) 1,2-Dichlorobenzene	11.87	146	462062	10.635	ug/l	99
86) 1,2-Dibromo-3-Chloropropan	12.65	75	27676	10.839	ug/l	92
87) 1,2,4-Trichlorobenzene	13.50	180	340006	12.220	ug/l	98
88) Hexachlorobutadiene	13.69	225	194950	11.123	ug/l	99
89) Naphthalene	13.74	128	584797	10.817	ug/l	100
90) 1,2,3-Trichlorobenzene	13.98	180	306467	11.724	ug/l	98

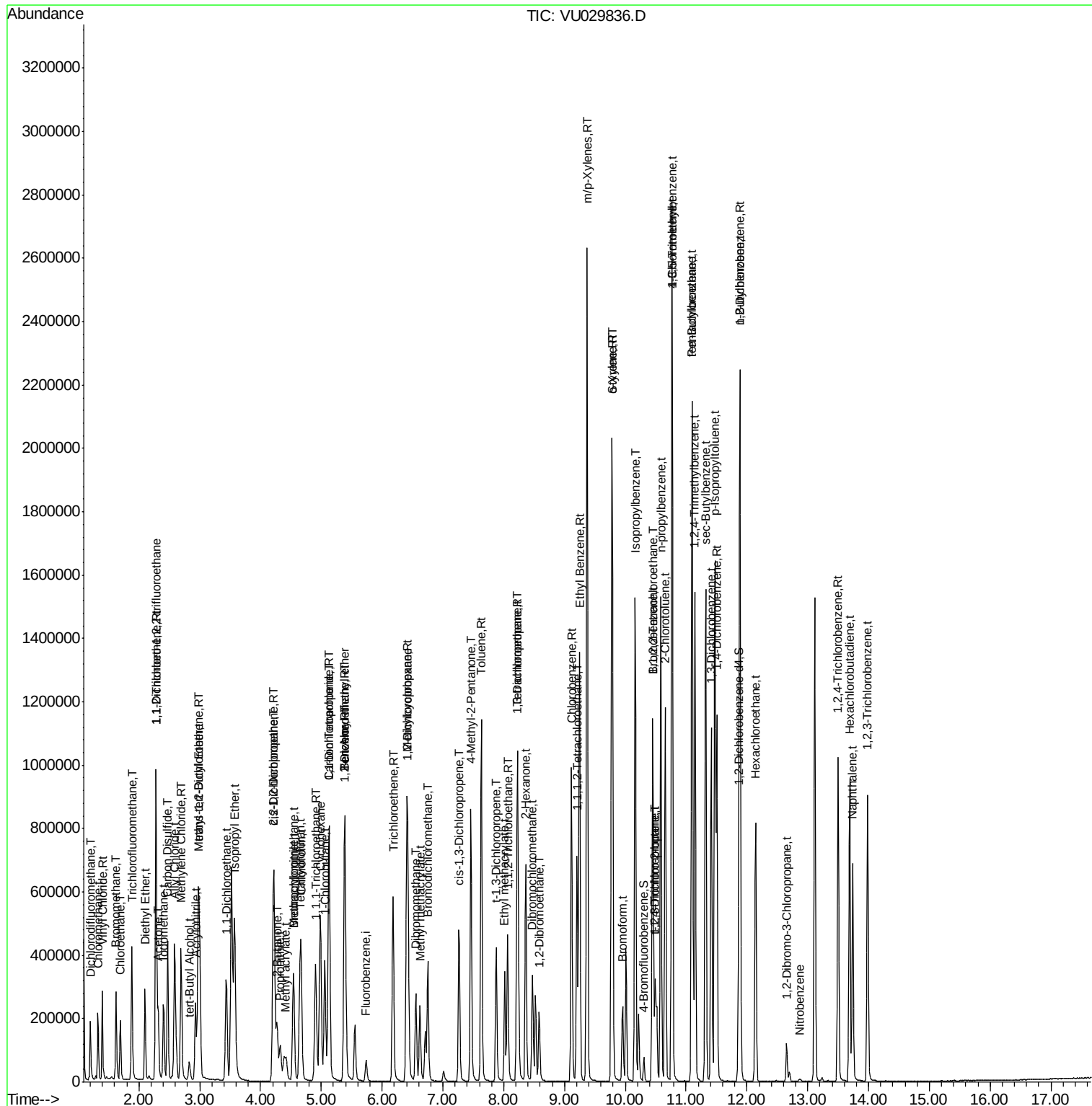
(#) = qualifier out of range (m) = manual integration (+) = signals summed

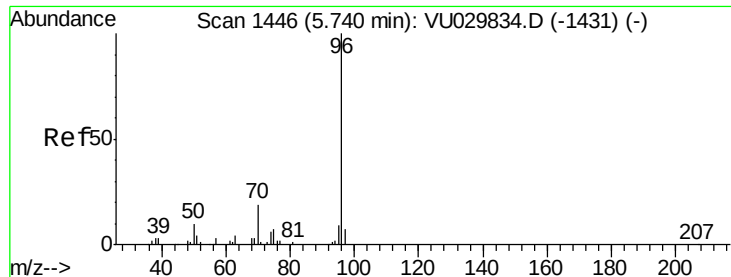
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#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 5.74 min Scan# 1446

Delta R.T. -0.00 min

Lab File: VU029836.D

Acq: 06 Mar 2019 13:03

Instrument :

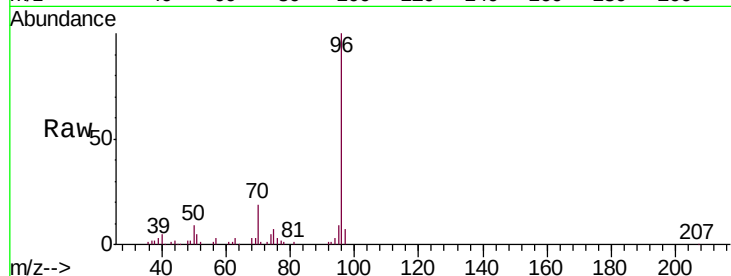
MSVOA_U

ClientSampleId :

ICVVU030719

Tgt Ion: 96 Resp: 68337

Ion	Ratio	Lower	Upper
96	100		
70	18.9	14.4	21.6
95	9.0	7.0	10.6
97	0.0	0.0	0.0

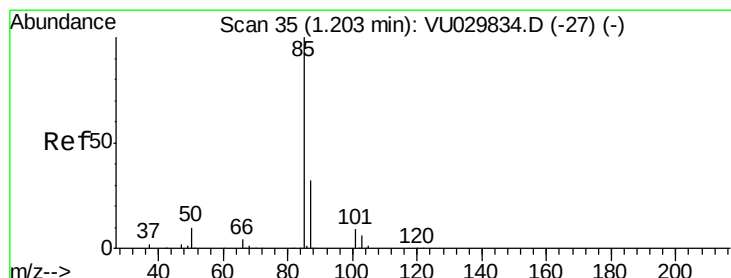
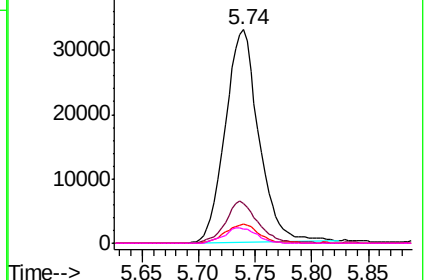
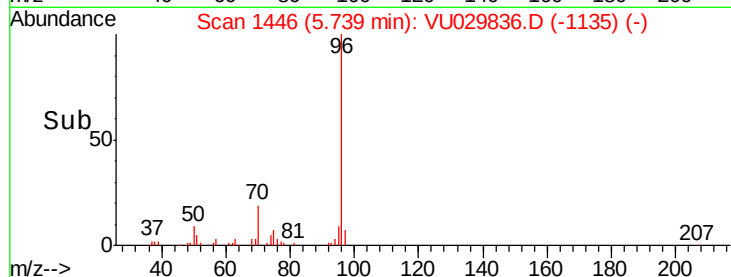


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0



#2

Dichlorodifluoromethane

Concen: 5.138 ug/l

RT: 1.20 min Scan# 35

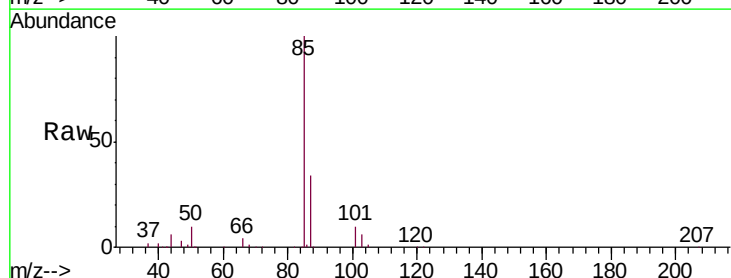
Delta R.T. -0.00 min

Lab File: VU029836.D

Acq: 06 Mar 2019 13:03

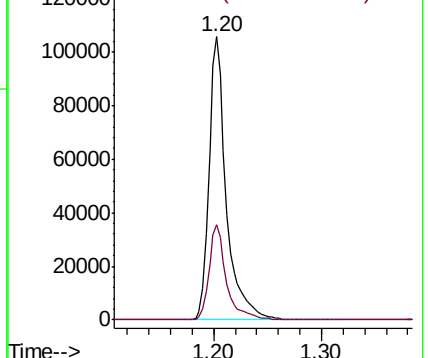
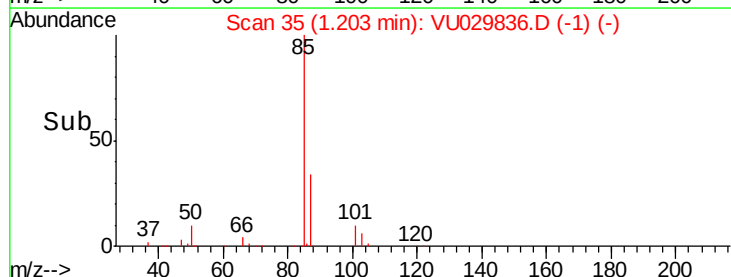
Tgt Ion: 85 Resp: 117494

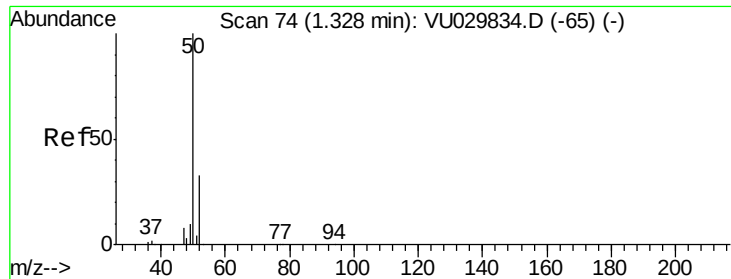
Ion	Ratio	Lower	Upper
85	100		
87	33.8	16.2	48.6



Abundance Ion 85.00 (84.70 to 85.70): VU0

Ion 87.00 (86.70 to 87.70): VU0





#3

Chloromethane

Concen: 7.532 ug/l

RT: 1.33 min Scan# 74

Delta R.T. -0.00 min

Lab File: VU029836.D

Acq: 06 Mar 2019 13:03

Instrument :

MSVOA_U

ClientSampleId :

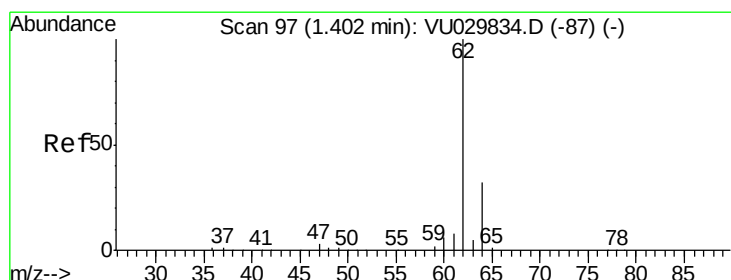
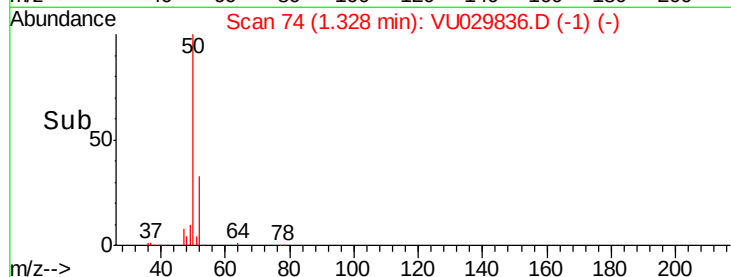
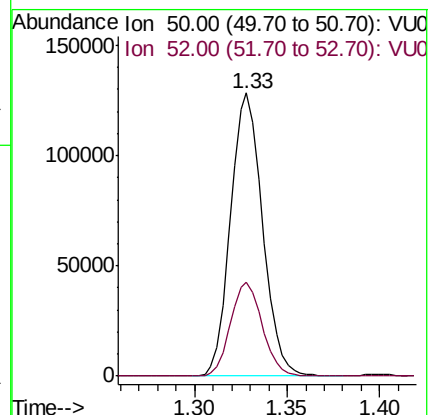
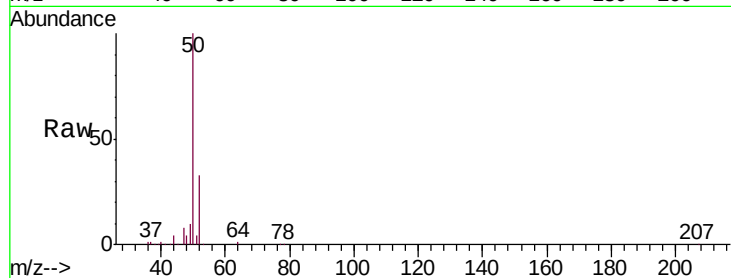
ICVVU030719

Tgt Ion: 50 Resp: 153368

Ion Ratio Lower Upper

50 100

52 33.1 26.5 39.7



#4

Vinyl Chloride

Concen: 8.202 ug/l

RT: 1.40 min Scan# 96

Delta R.T. -0.00 min

Lab File: VU029836.D

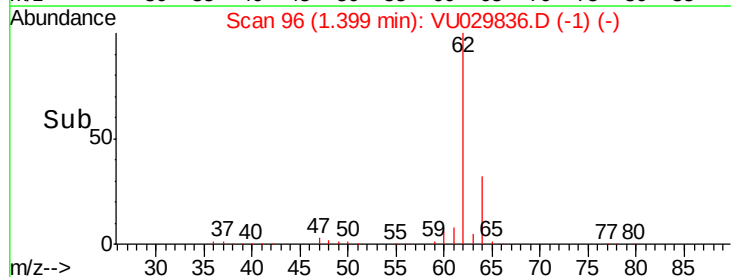
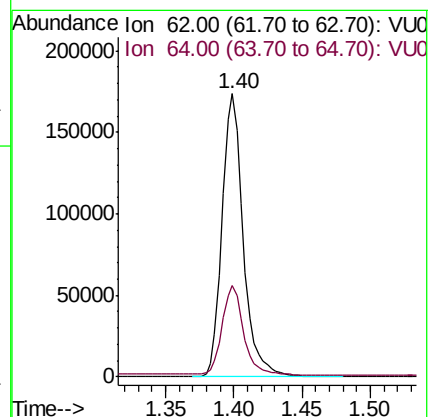
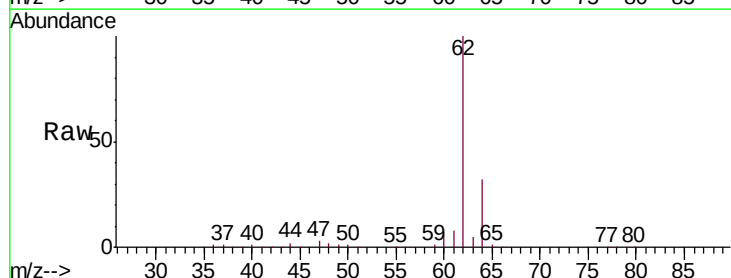
Acq: 06 Mar 2019 13:03

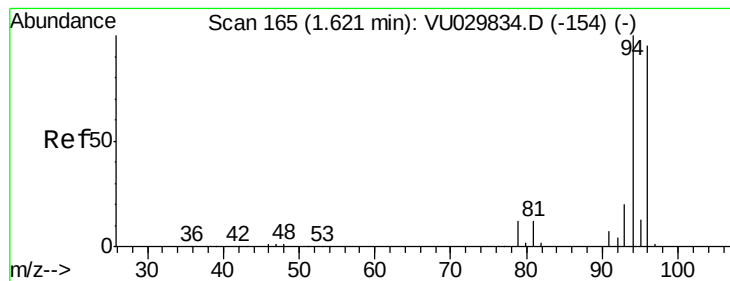
Tgt Ion: 62 Resp: 187871

Ion Ratio Lower Upper

62 100

64 31.4 25.7 38.5





#5

Bromomethane

Concen: 8.563 ug/l

RT: 1.62 min Scan# 166

Delta R.T. 0.00 min

Lab File: VU029836.D

Acq: 06 Mar 2019 13:03

Instrument :

MSVOA_U

ClientSampleId :

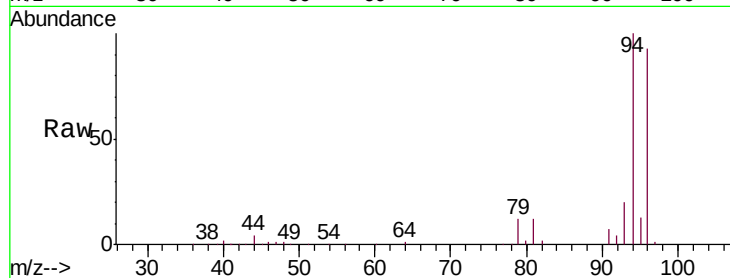
ICVVU030719

Tgt Ion: 94 Resp: 133950

Ion Ratio Lower Upper

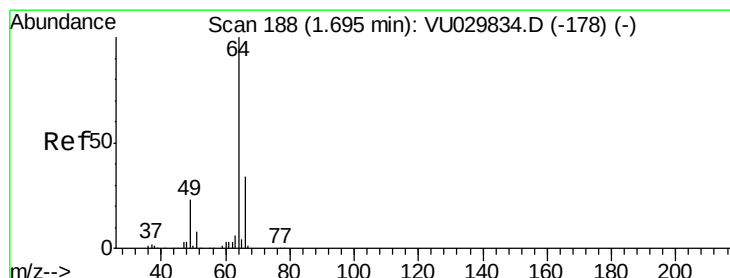
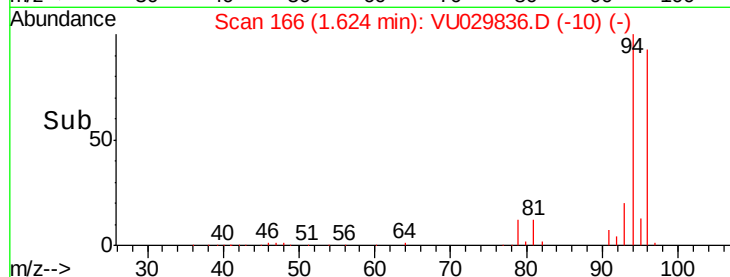
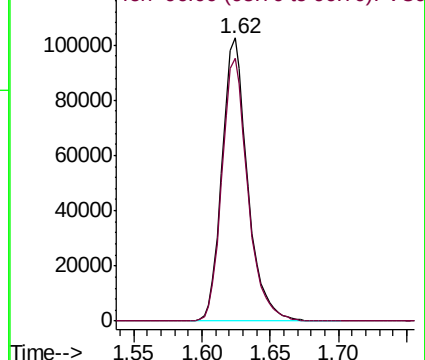
94 100

96 92.8 76.4 114.6



Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0



#6

Chloroethane

Concen: 8.988 ug/l

RT: 1.69 min Scan# 188

Delta R.T. -0.00 min

Lab File: VU029836.D

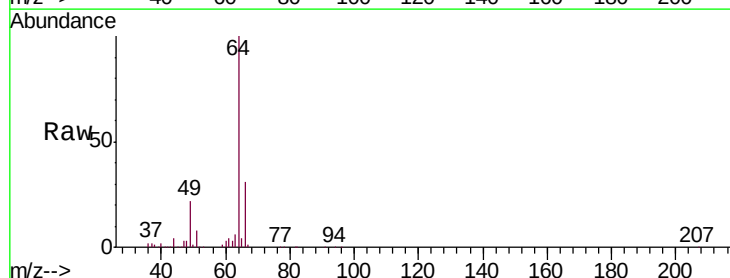
Acq: 06 Mar 2019 13:03

Tgt Ion: 64 Resp: 123457

Ion Ratio Lower Upper

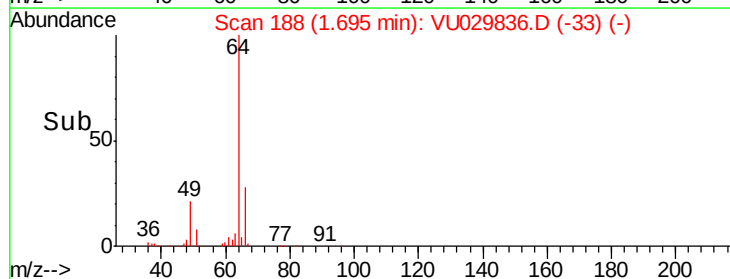
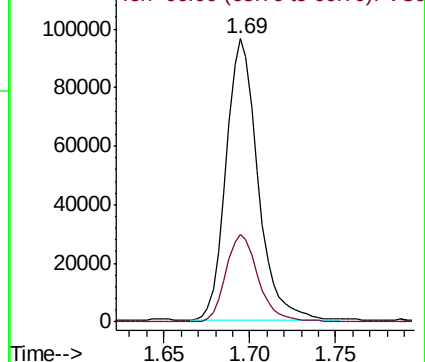
64 100

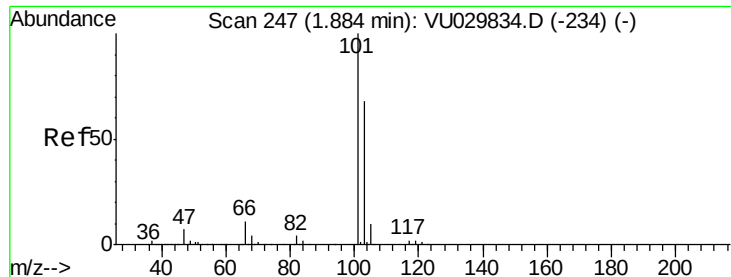
66 31.0 27.3 40.9



Abundance Ion 64.00 (63.70 to 64.70): VU0

Ion 66.00 (65.70 to 66.70): VU0



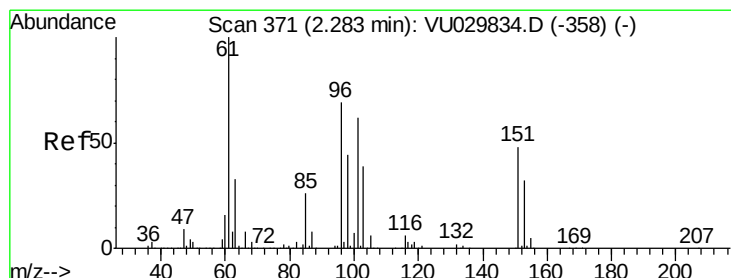
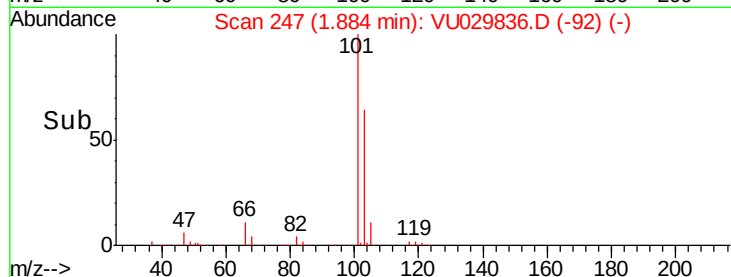
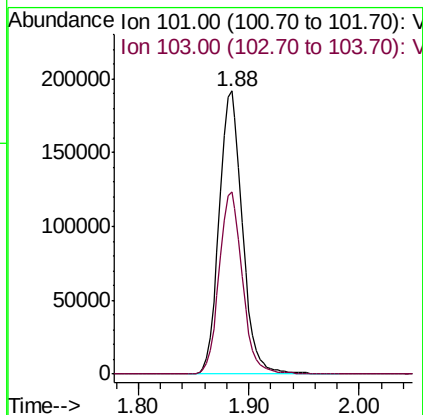
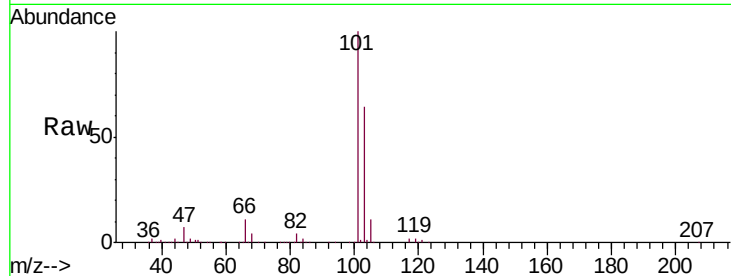


#7

Trichlorofluoromethane
Concen: 8.993 ug/l
RT: 1.88 min Scan# 247
Delta R.T. -0.00 min
Lab File: VU029836.D
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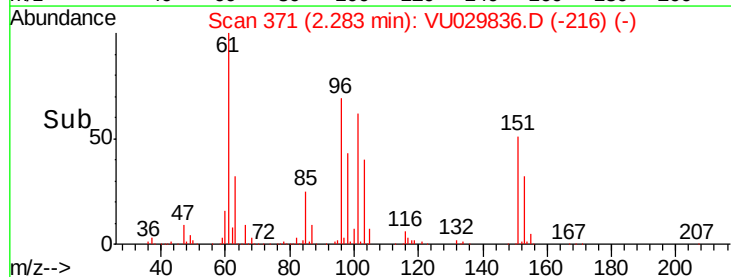
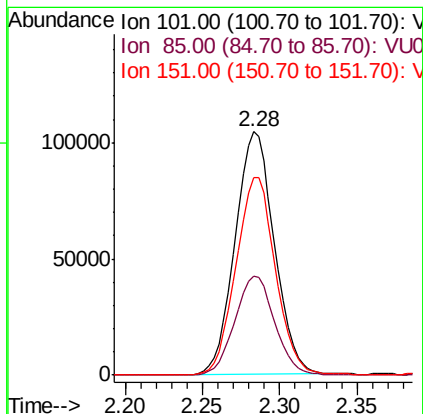
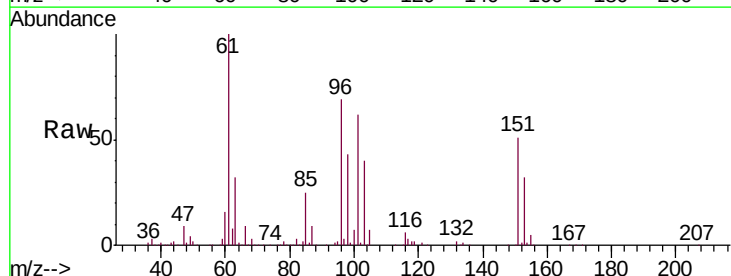
Tgt Ion:101 Resp: 280706
Ion Ratio Lower Upper
101 100
103 64.2 54.2 81.2

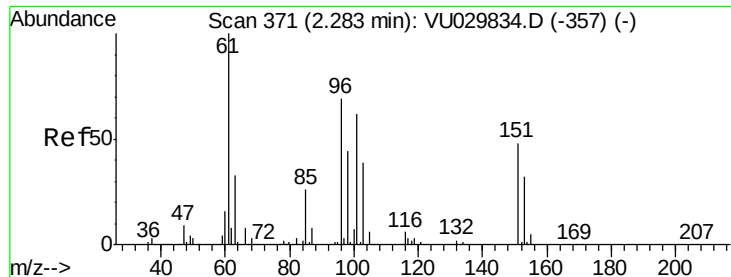


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 10.124 ug/l
RT: 2.28 min Scan# 371
Delta R.T. -0.00 min
Lab File: VU029836.D
Acq: 06 Mar 2019 13:03

Tgt Ion:101 Resp: 183843
Ion Ratio Lower Upper
101 100
85 41.2 33.4 50.0
151 81.4 64.6 97.0





#9

1,1-Dichloroethene

Concen: 10.062 ug/l

RT: 2.28 min Scan# 370

Delta R.T. -0.00 min

Lab File: VU029836.D

Acq: 06 Mar 2019 13:03

Instrument :

MSVOA_U

ClientSampleId :

ICVVU030719

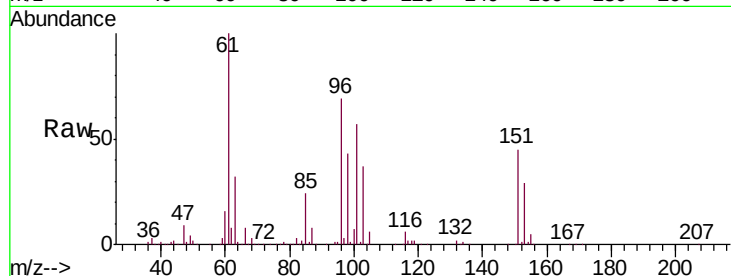
Tgt Ion: 96 Resp: 178847

Ion Ratio Lower Upper

96 100

61 145.2 0.0 435.3

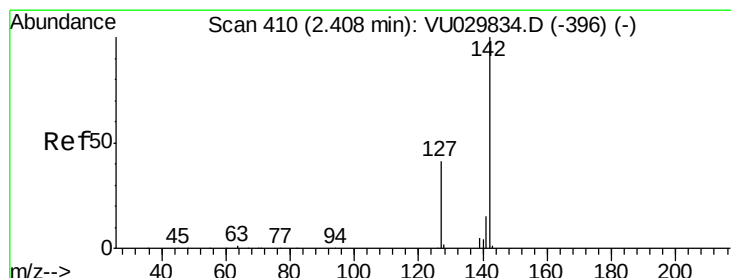
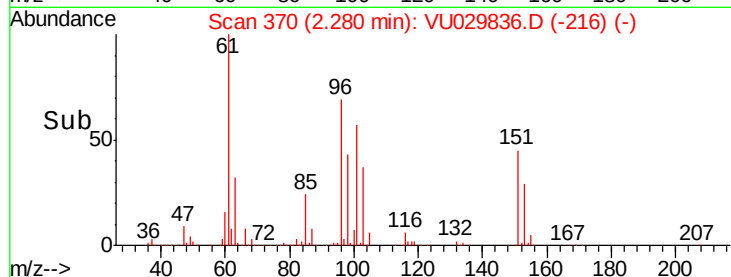
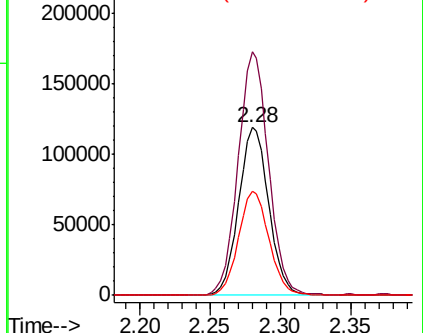
98 62.3 0.0 128.6



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0



#10

Iodomethane

Concen: 11.519 ug/l

RT: 2.41 min Scan# 409

Delta R.T. -0.00 min

Lab File: VU029836.D

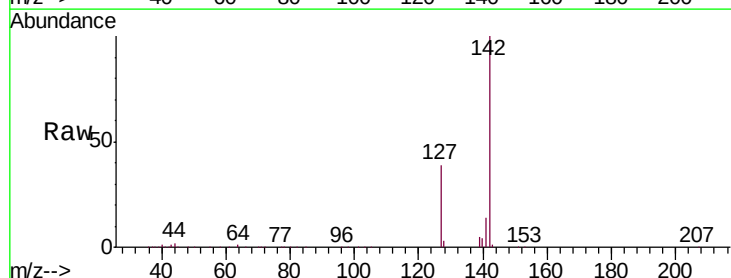
Acq: 06 Mar 2019 13:03

Tgt Ion: 142 Resp: 230688

Ion Ratio Lower Upper

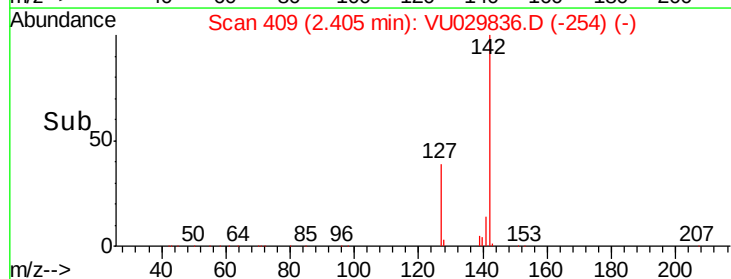
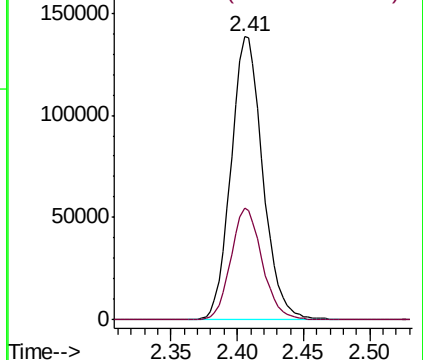
142 100

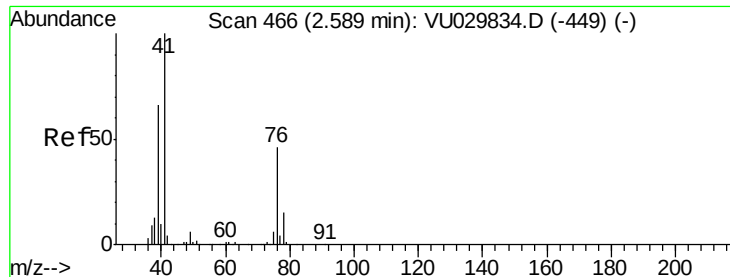
127 39.0 32.3 48.5



Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

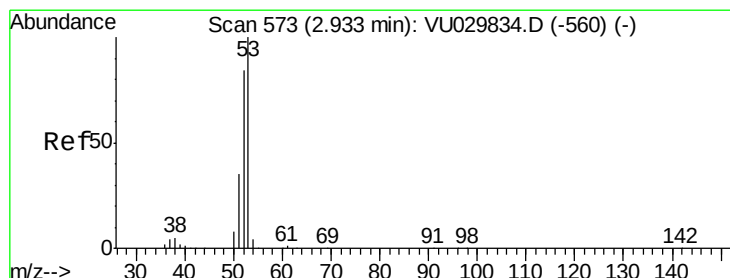
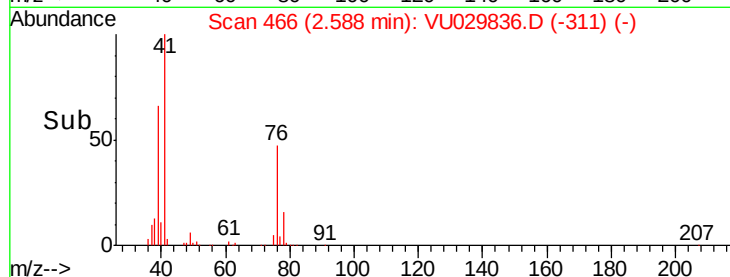
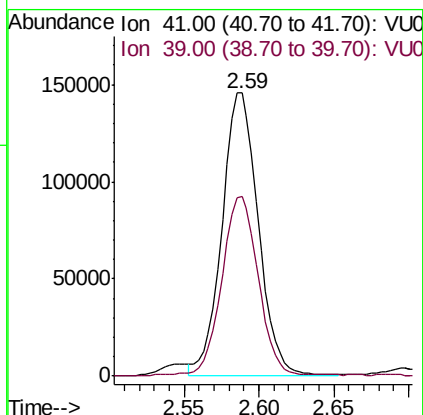
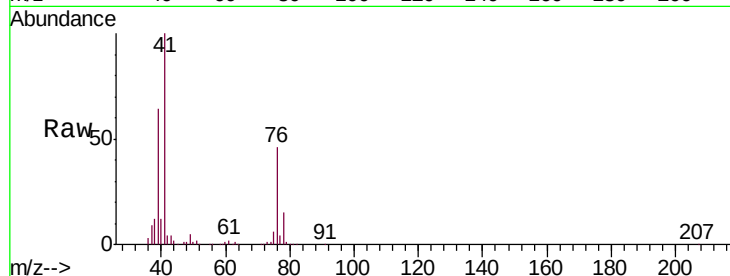




#11
 Allyl Chloride
 Concen: 9.836 ug/l
 RT: 2.59 min Scan# 466
 Delta R.T. -0.00 min
 Lab File: VU029836.D
 Acq: 06 Mar 2019 13:03

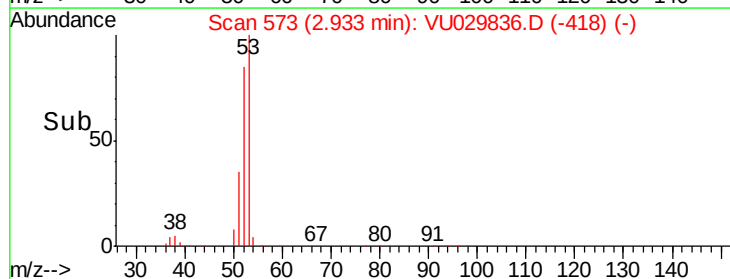
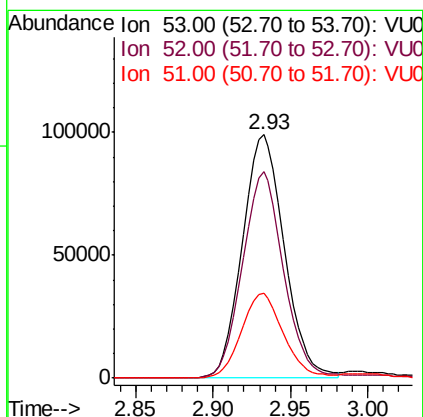
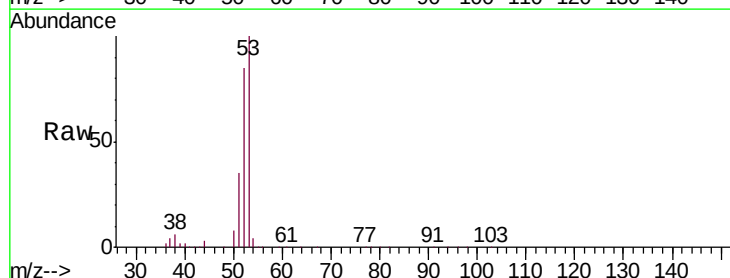
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU030719

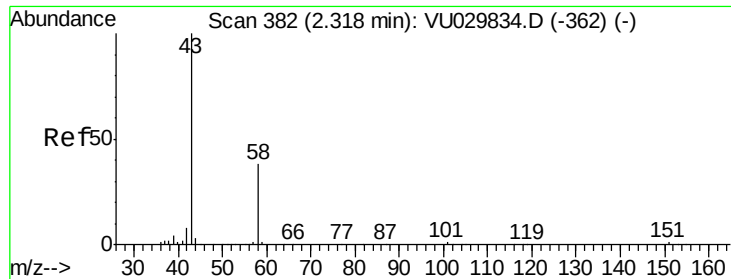
Tgt Ion: 41 Resp: 245786
 Ion Ratio Lower Upper
 41 100
 39 64.2 51.6 77.4



#12
 Acrylonitrile
 Concen: 48.351 ug/l
 RT: 2.93 min Scan# 573
 Delta R.T. -0.00 min
 Lab File: VU029836.D
 Acq: 06 Mar 2019 13:03

Tgt Ion: 53 Resp: 187399
 Ion Ratio Lower Upper
 53 100
 52 83.3 66.5 99.7
 51 35.0 28.6 42.8





#13

Acetone

Concen: 65.121 ug/l

RT: 2.32 min Scan# 382

Delta R.T. -0.00 min

Lab File: VU029836.D

Acq: 06 Mar 2019 13:03

Instrument :

MSVOA_U

ClientSampleId :

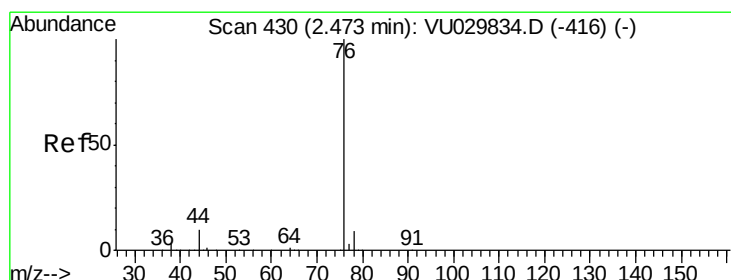
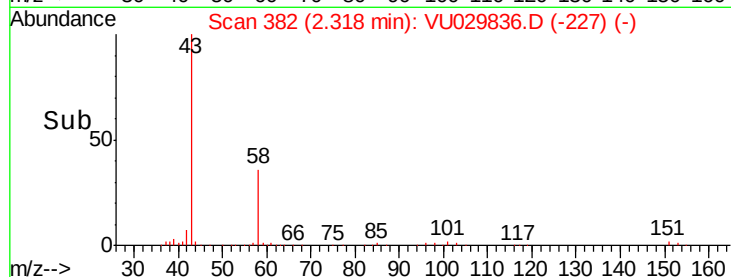
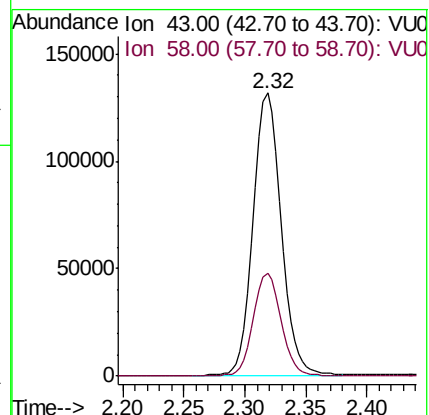
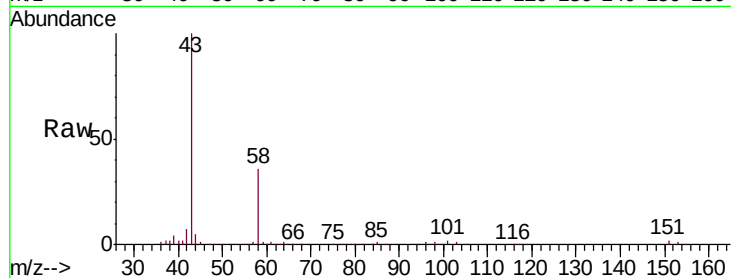
ICVVU030719

Tgt Ion: 43 Resp: 209041

Ion Ratio Lower Upper

43 100

58 36.4 30.2 45.2



#14

Carbon Disulfide

Concen: 9.336 ug/l

RT: 2.47 min Scan# 430

Delta R.T. -0.00 min

Lab File: VU029836.D

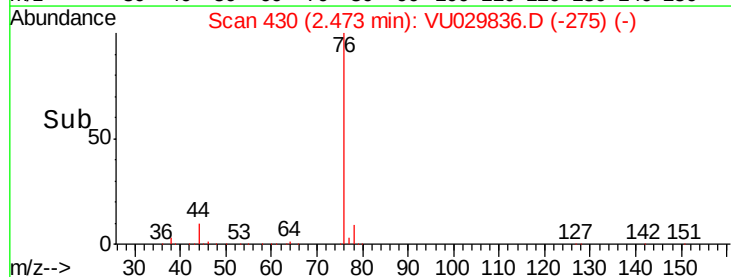
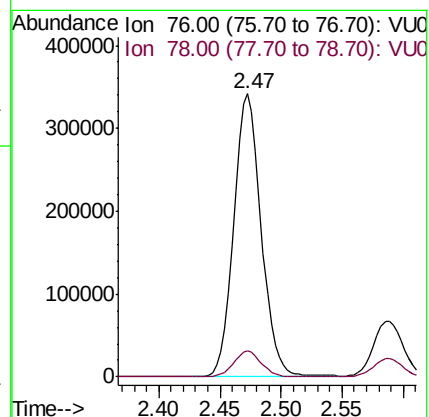
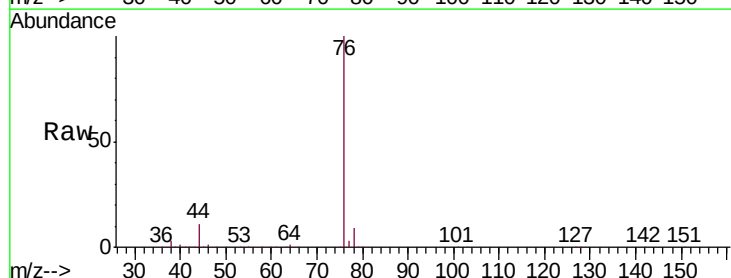
Acq: 06 Mar 2019 13:03

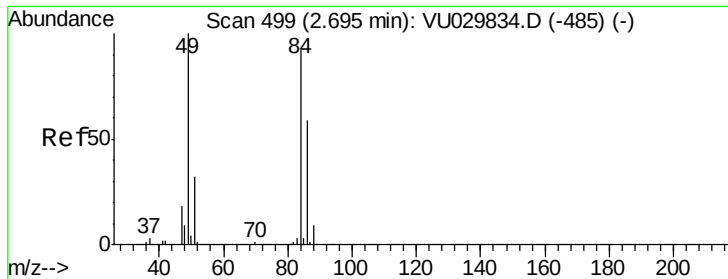
Tgt Ion: 76 Resp: 537441

Ion Ratio Lower Upper

76 100

78 9.2 7.2 10.8

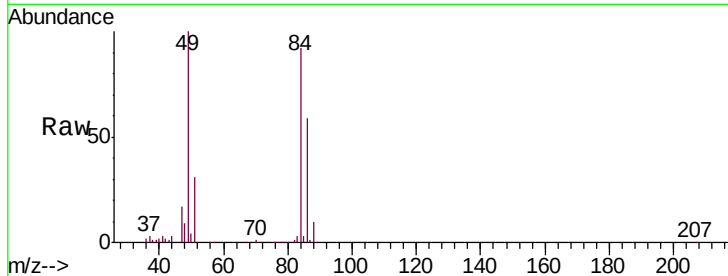




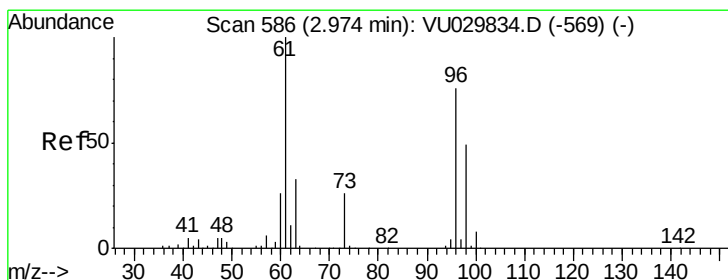
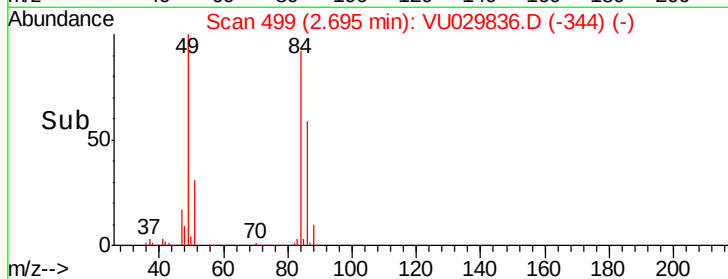
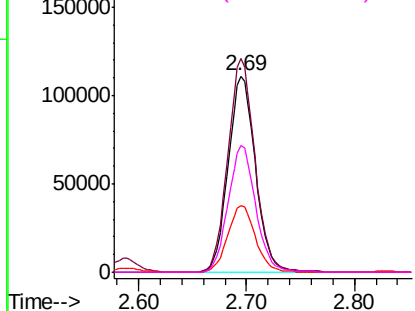
#15
Methylene Chloride
Concen: 9.181 ug/l
RT: 2.69 min Scan# 499
Delta R.T. -0.00 min
Lab File: VU029836.D
Acq: 06 Mar 2019 13:03

Instrument :
MSVOA_U
ClientSampleId :
ICVVU030719

Tgt Ion:	84	Resp:	195830
Ion	Ratio	Lower	Upper
84	100		
49	108.9	87.2	130.8
51	34.0	0.0	69.0
86	64.3	51.3	76.9

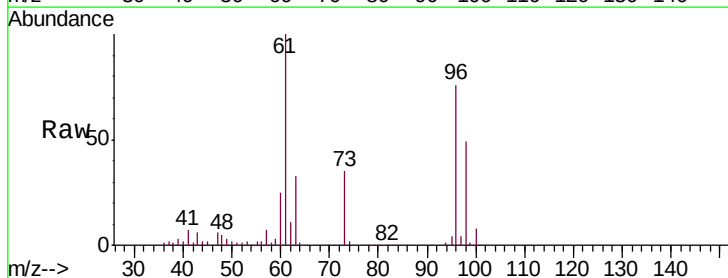


Abundance Ion 84.00 (83.70 to 84.70): VU0
Ion 49.00 (48.70 to 49.70): VU0
Ion 51.00 (50.70 to 51.70): VU0
Ion 86.00 (85.70 to 86.70): VU0

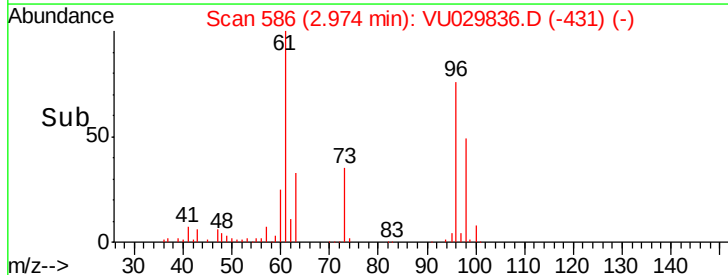
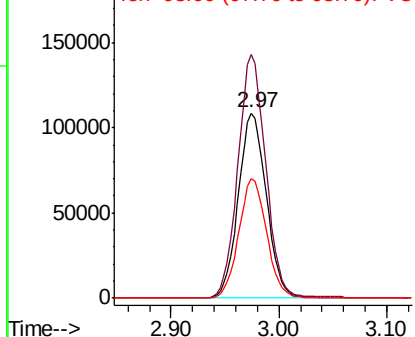


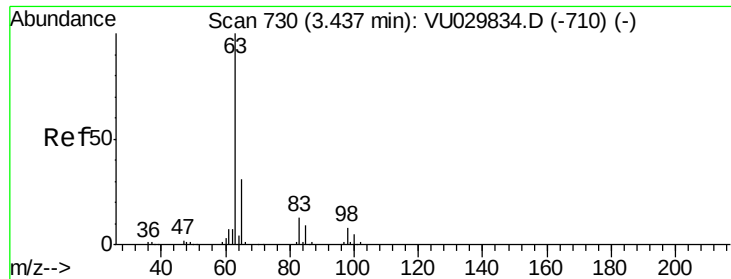
#16
trans-1,2-Dichloroethene
Concen: 9.842 ug/l
RT: 2.97 min Scan# 586
Delta R.T. -0.00 min
Lab File: VU029836.D
Acq: 06 Mar 2019 13:03

Tgt Ion:	96	Resp:	197618
Ion	Ratio	Lower	Upper
96	100		
61	131.7	104.7	157.1
98	64.4	50.9	76.3



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

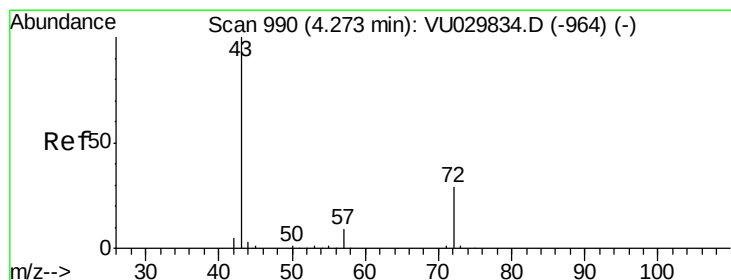
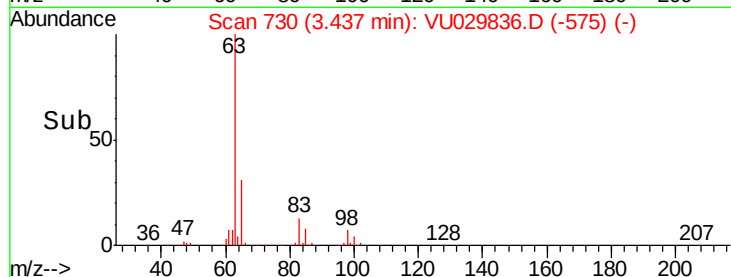
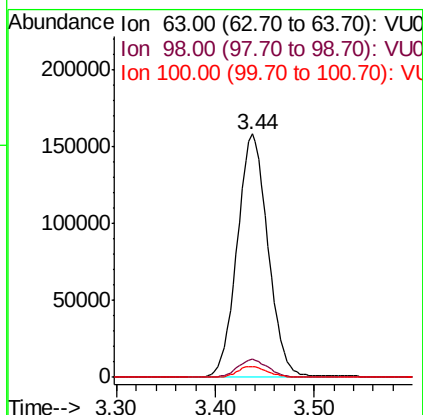
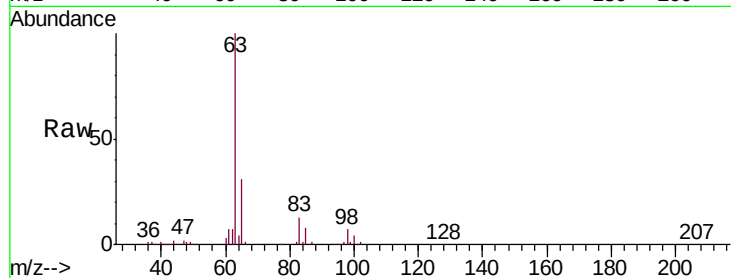




#17
 1,1-Dichloroethane
 Concen: 10.226 ug/l
 RT: 3.44 min Scan# 730
 Delta R.T. -0.00 min
 Lab File: VU029836.D
 Acq: 06 Mar 2019 13:03

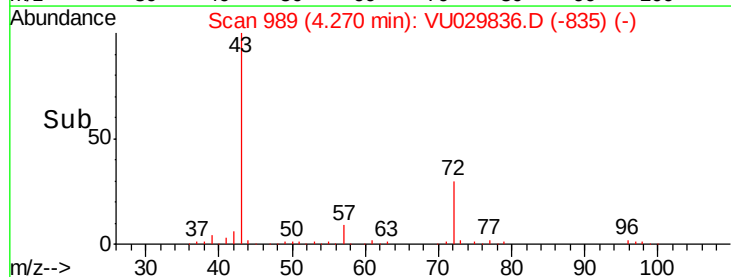
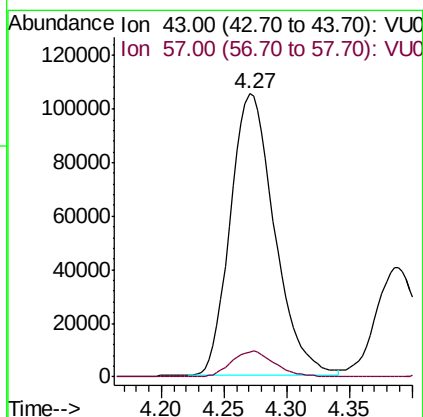
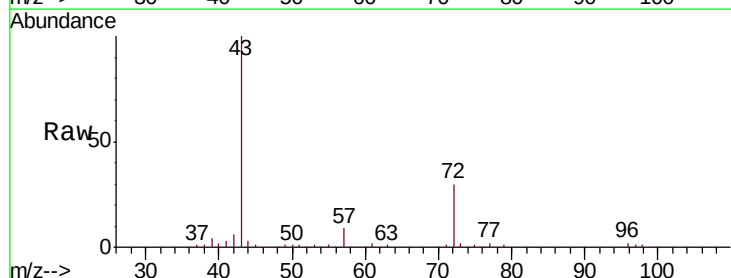
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU030719

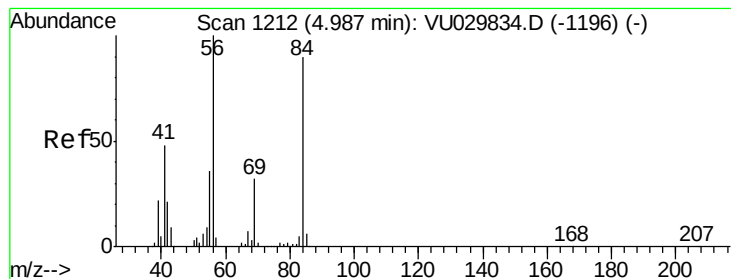
Tgt Ion: 63 Resp: 343556
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.8 11.4
 100 4.4 2.4 7.1



#18
 2-Butanone
 Concen: 58.676 ug/l
 RT: 4.27 min Scan# 989
 Delta R.T. -0.00 min
 Lab File: VU029836.D
 Acq: 06 Mar 2019 13:03

Tgt Ion: 43 Resp: 255971
 Ion Ratio Lower Upper
 43 100
 57 9.0 0.0 18.6





#19

Cyclohexane

Concen: 11.047 ug/l

RT: 4.98 min Scan# 1211

Delta R.T. -0.00 min

Lab File: VU029836.D

Acq: 06 Mar 2019 13:03

Instrument :

MSVOA_U

ClientSampleId :

ICVVU030719

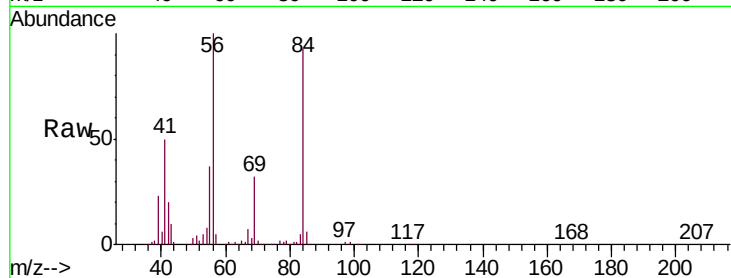
Tgt Ion: 56 Resp: 250098

Ion Ratio Lower Upper

56 100

69 37.2 29.4 44.2

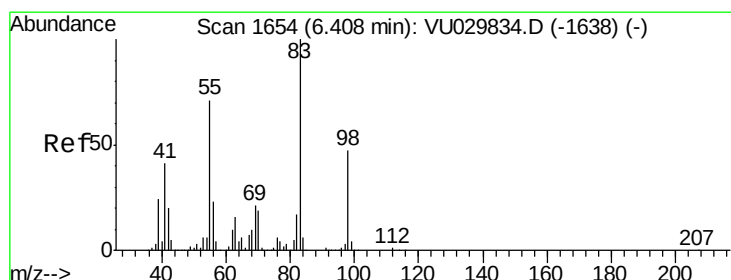
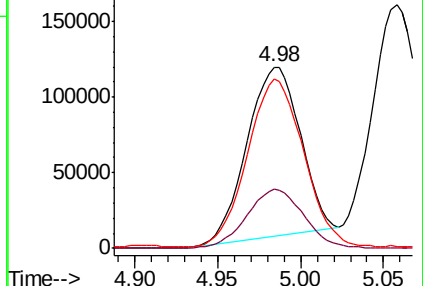
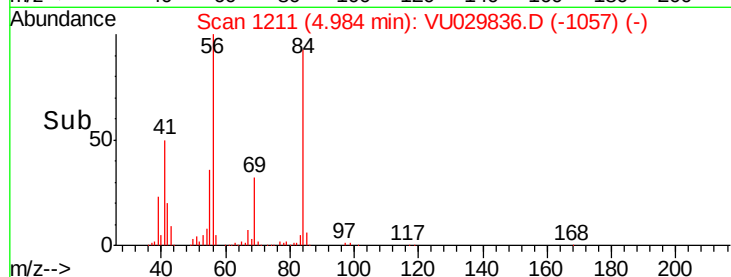
84 104.1 84.6 127.0



Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 69.00 (68.70 to 69.70): VU0

Ion 84.00 (83.70 to 84.70): VU0



#20

Methylcyclohexane

Concen: 11.237 ug/l

RT: 6.41 min Scan# 1654

Delta R.T. -0.00 min

Lab File: VU029836.D

Acq: 06 Mar 2019 13:03

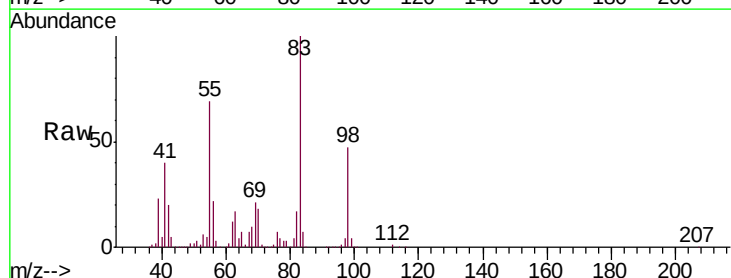
Tgt Ion: 83 Resp: 341408

Ion Ratio Lower Upper

83 100

55 70.3 55.9 83.9

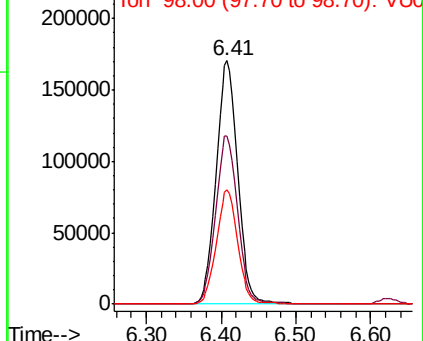
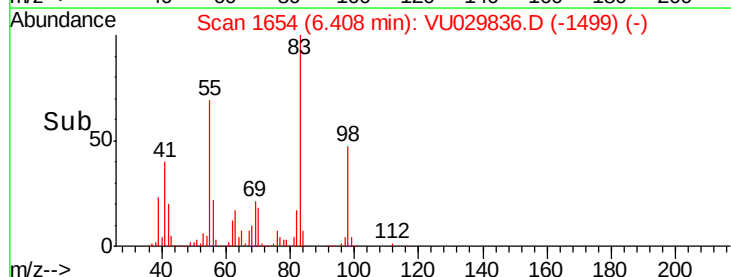
98 46.1 37.0 55.4

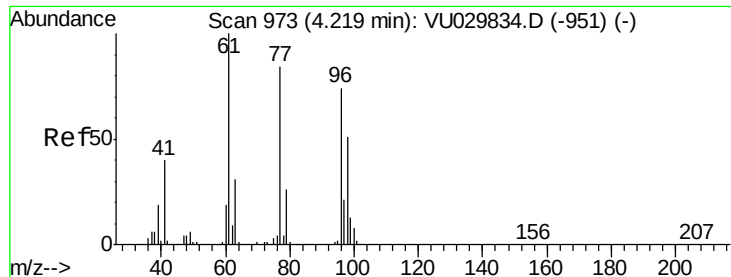


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0





#21

2,2-Dichloropropane

Concen: 10.309 ug/l

RT: 4.22 min Scan# 973

Delta R.T. -0.00 min

Lab File: VU029836.D

Acq: 06 Mar 2019 13:03

Instrument :

MSVOA_U

ClientSampleId :

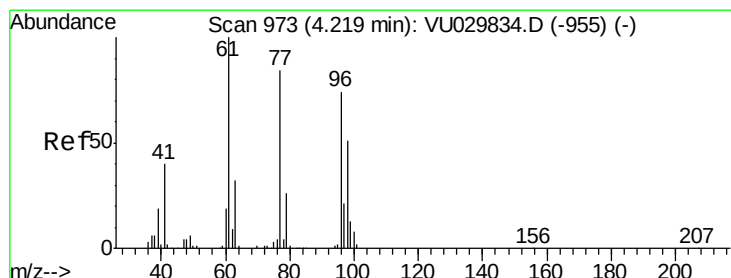
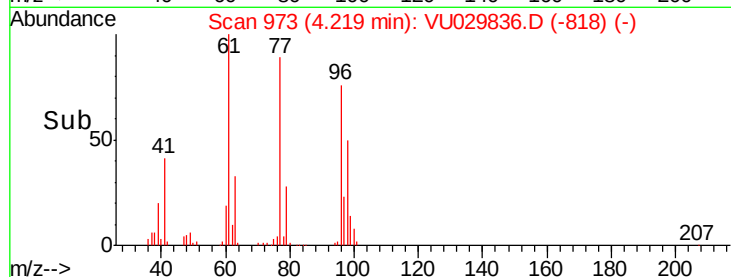
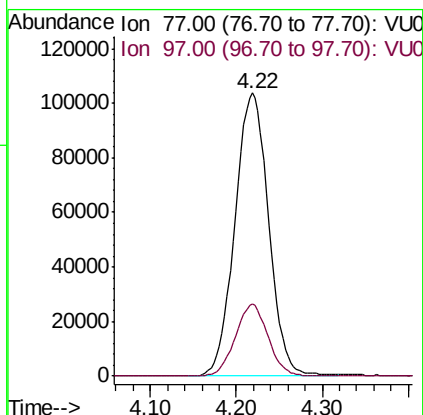
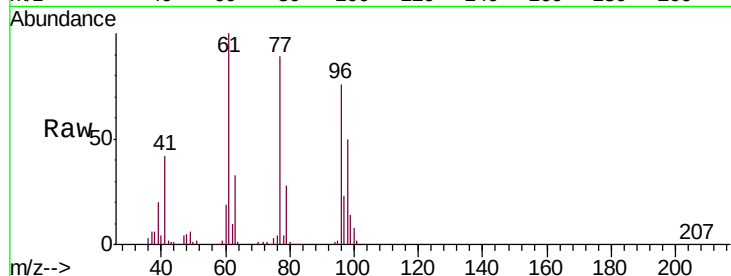
ICVVU030719

Tgt Ion: 77 Resp: 283110

Ion Ratio Lower Upper

77 100

97 24.6 20.2 30.2



#22

cis-1,2-Dichloroethene

Concen: 10.191 ug/l

RT: 4.22 min Scan# 973

Delta R.T. -0.00 min

Lab File: VU029836.D

Acq: 06 Mar 2019 13:03

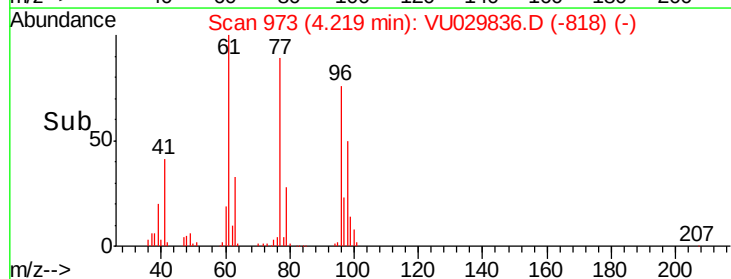
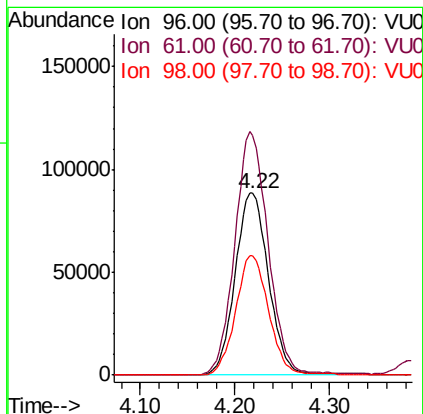
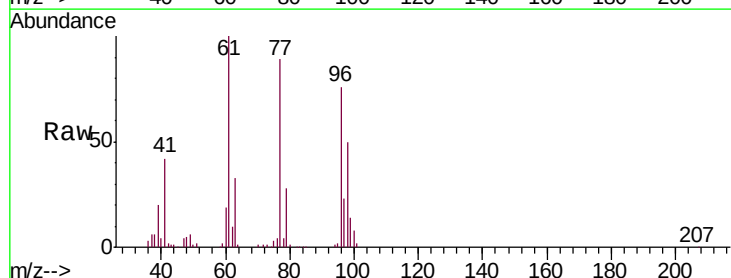
Tgt Ion: 96 Resp: 216881

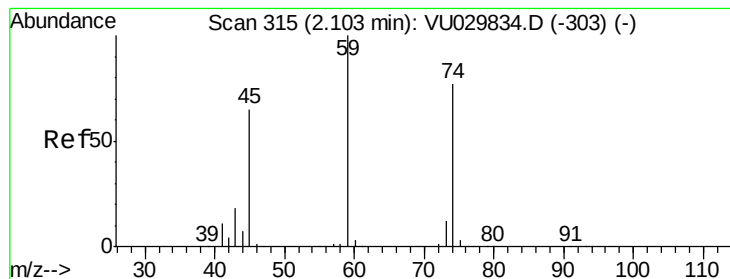
Ion Ratio Lower Upper

96 100

61 133.6 0.0 339.0

98 64.8 33.1 99.5





#23

Diethyl Ether

Concen: 9.731 ug/l

RT: 2.10 min Scan# 314

Delta R.T. -0.00 min

Lab File: VU029836.D

Acq: 06 Mar 2019 13:03

Instrument :

MSVOA_U

ClientSampleId :

ICVVU030719

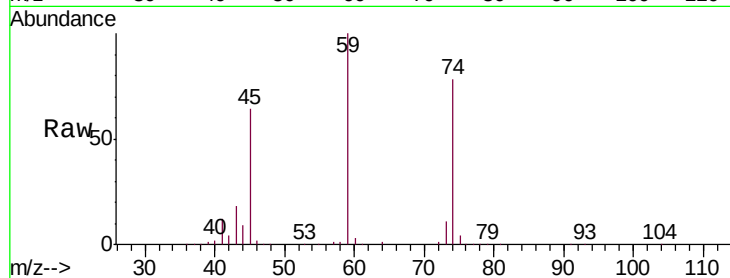
Tgt Ion: 59 Resp: 129675

Ion Ratio Lower Upper

59 100

45 64.7 52.7 79.1

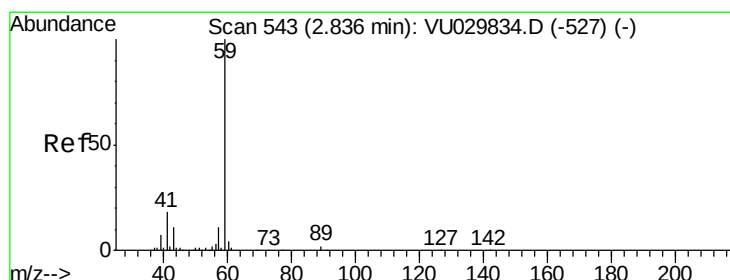
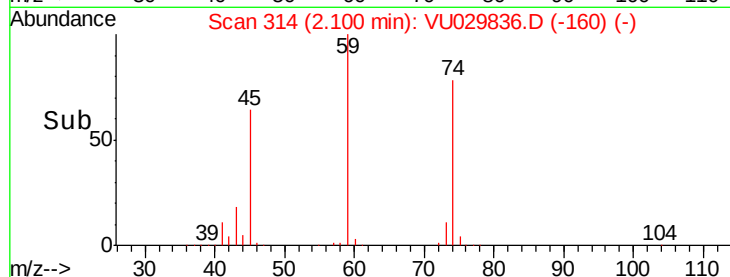
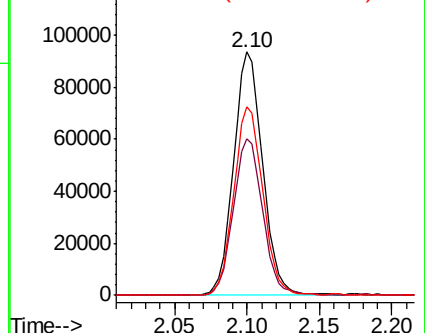
74 77.6 61.8 92.6



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: 46.233 ug/l

RT: 2.83 min Scan# 541

Delta R.T. -0.01 min

Lab File: VU029836.D

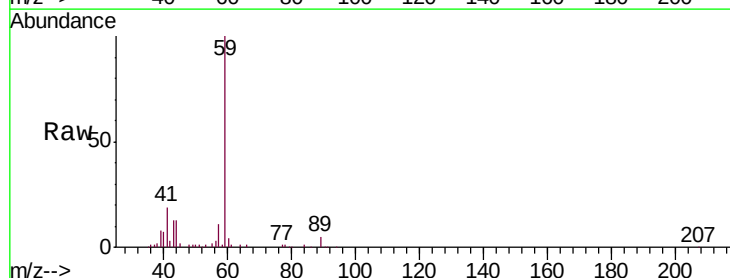
Acq: 06 Mar 2019 13:03

Tgt Ion: 59 Resp: 63555

Ion Ratio Lower Upper

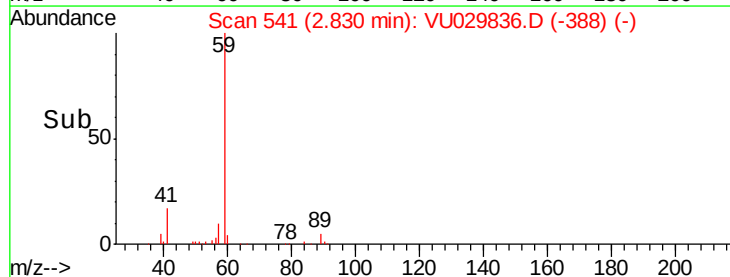
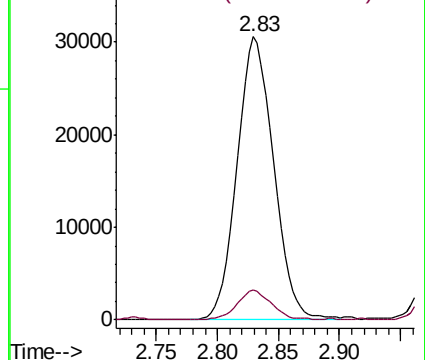
59 100

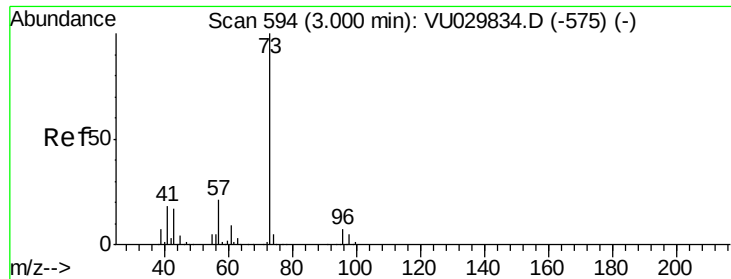
57 9.9 8.5 12.7



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: 10.096 ug/l

RT: 3.00 min Scan# 593

Delta R.T. -0.00 min

Lab File: VU029836.D

Acq: 06 Mar 2019 13:03

Instrument :

MSVOA_U

ClientSampleId :

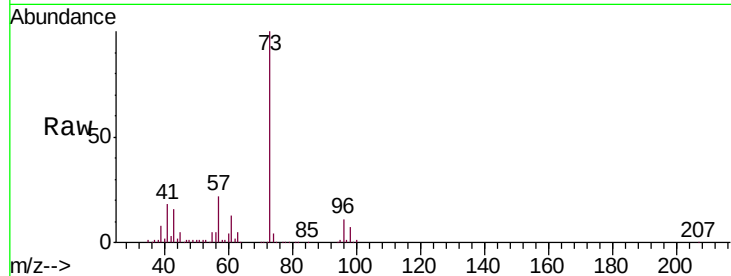
ICVVU030719

Tgt Ion: 73 Resp: 451899

Ion Ratio Lower Upper

73 100

43 16.3 13.1 19.7



Abundance Ion 73.00 (72.70 to 73.70): VU029834.D (-575) (-)

Ion 43.00 (42.70 to 43.70): VU029834.D (-575) (-)

3.00

200000

150000

100000

50000

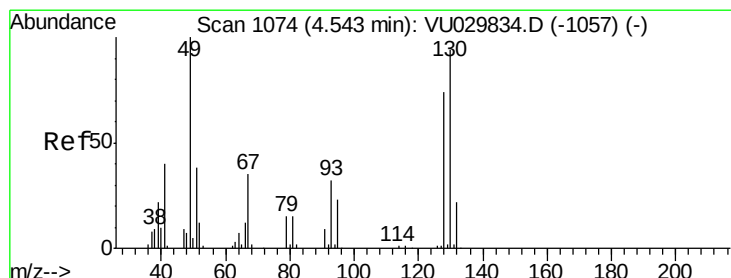
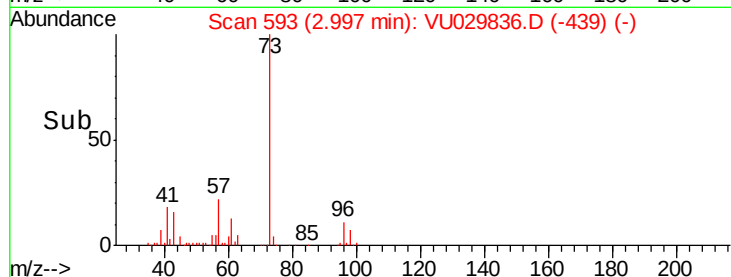
0

Time-->

2.90

3.00

3.10



#26

Bromochloromethane

Concen: 9.648 ug/l

RT: 4.54 min Scan# 1074

Delta R.T. -0.00 min

Lab File: VU029836.D

Acq: 06 Mar 2019 13:03

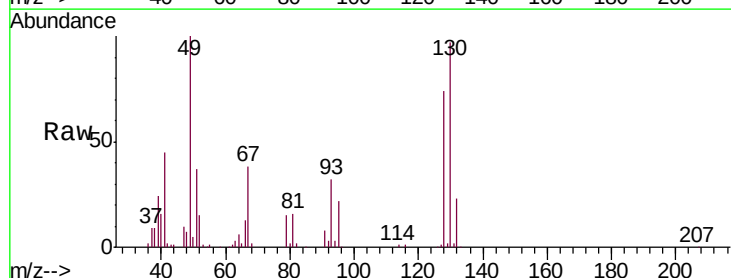
Tgt Ion: 128 Resp: 91149

Ion Ratio Lower Upper

128 100

49 135.2 0.0 270.6

130 130.1 104.2 156.4



Abundance Ion 128.00 (127.70 to 128.70): VU029834.D (-1057) (-)

Ion 49.00 (48.70 to 49.70): VU029834.D (-1057) (-)

Ion 130.00 (129.70 to 130.70): VU029834.D (-1057) (-)

4.54

60000

40000

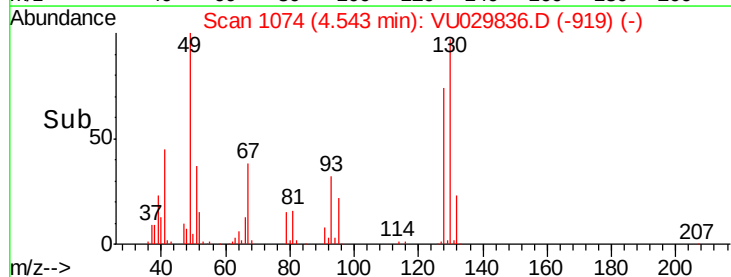
20000

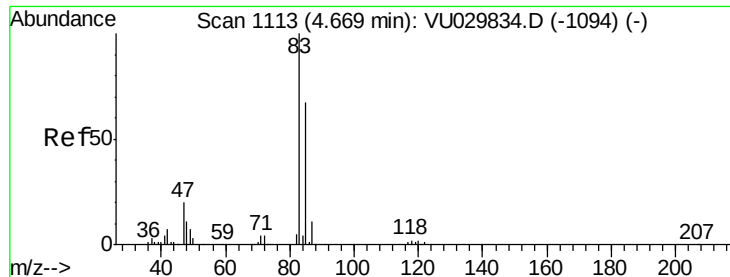
0

Time-->

4.50

4.60

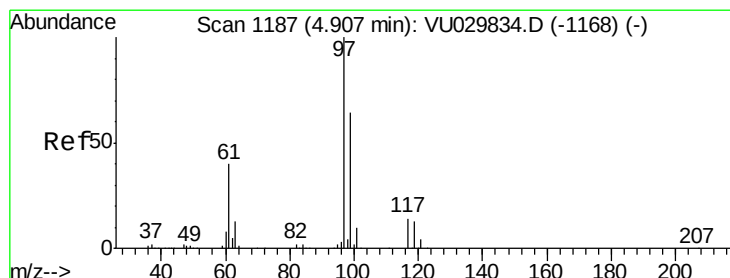
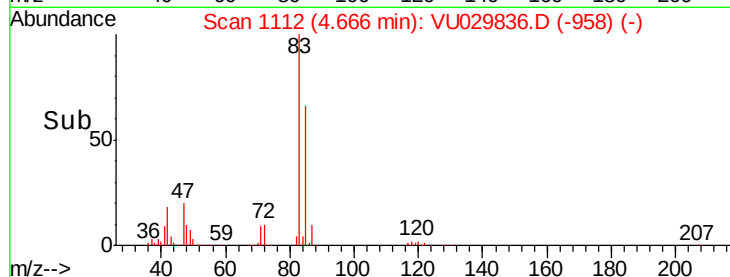
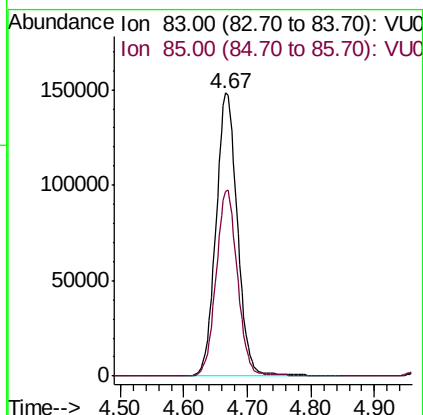
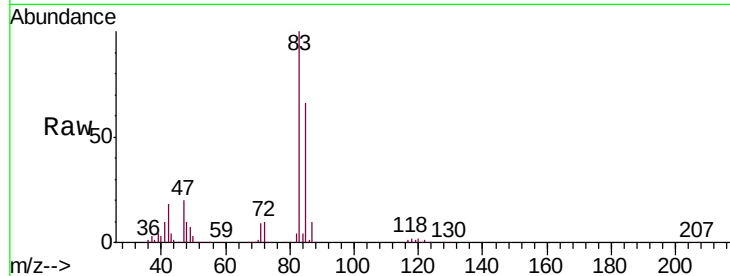




#27
Chloroform
Concen: 10.194 ug/l
RT: 4.67 min Scan# 1112
Delta R.T. -0.00 min
Lab File: VU029836.D
Acq: 06 Mar 2019 13:03

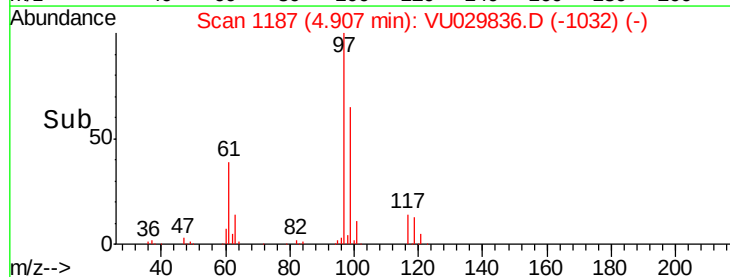
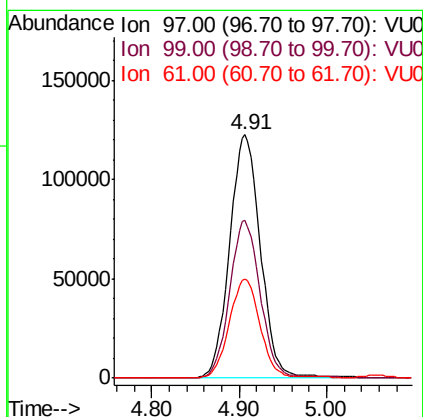
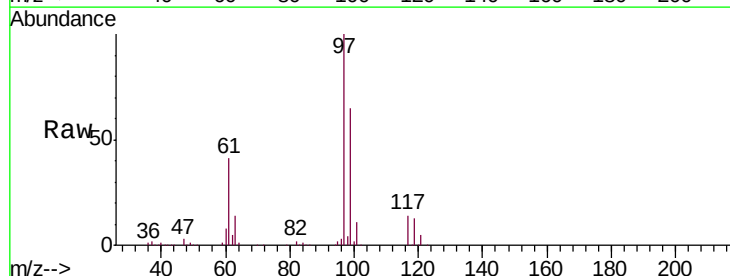
Instrument :
MSVOA_U
ClientSampleId :
ICVVU030719

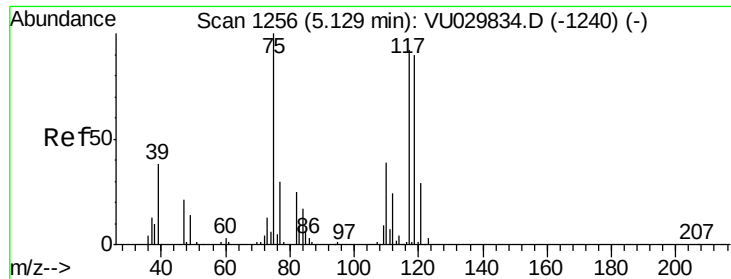
Tgt Ion: 83 Resp: 346801
Ion Ratio Lower Upper
83 100
85 65.5 0.0 133.2



#28
1,1,1-Trichloroethane
Concen: 10.399 ug/l
RT: 4.91 min Scan# 1187
Delta R.T. -0.00 min
Lab File: VU029836.D
Acq: 06 Mar 2019 13:03

Tgt Ion: 97 Resp: 299947
Ion Ratio Lower Upper
97 100
99 63.9 31.9 95.9
61 40.5 20.4 61.3





#29

1,1-Dichloropropene

Concen: 10.369 ug/l

RT: 5.13 min Scan# 1256

Delta R.T. -0.00 min

Lab File: VU029836.D

Acq: 06 Mar 2019 13:03

Instrument :

MSVOA_U

ClientSampleId :

ICVVU030719

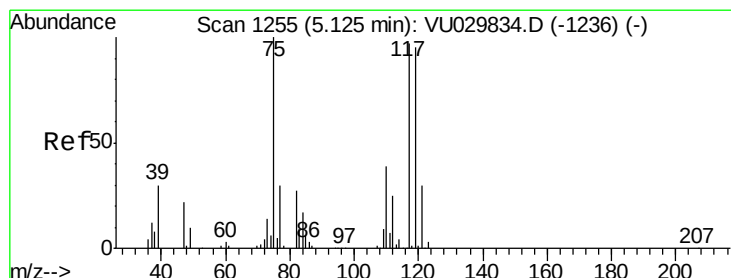
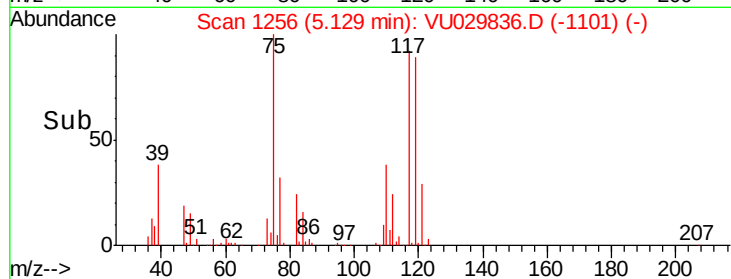
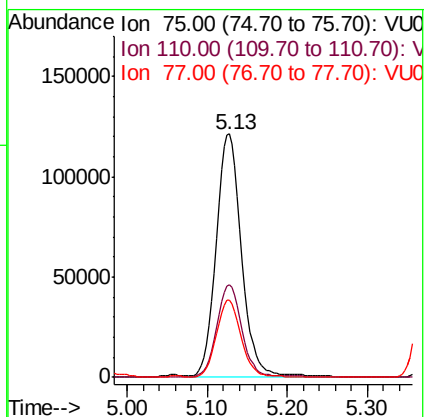
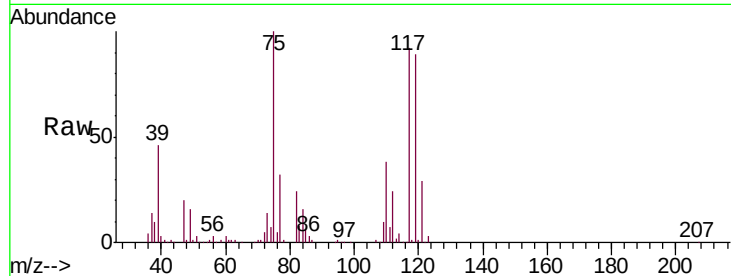
Tgt Ion: 75 Resp: 265781

Ion Ratio Lower Upper

75 100

110 38.4 19.1 57.5

77 30.4 23.9 35.9



#30

Carbon Tetrachloride

Concen: 10.580 ug/l

RT: 5.13 min Scan# 1255

Delta R.T. -0.00 min

Lab File: VU029836.D

Acq: 06 Mar 2019 13:03

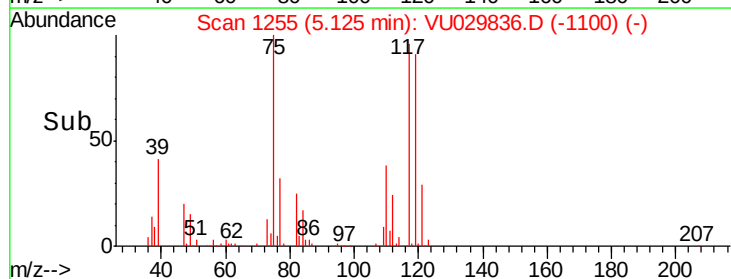
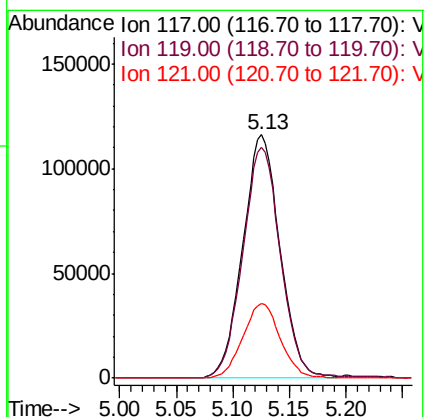
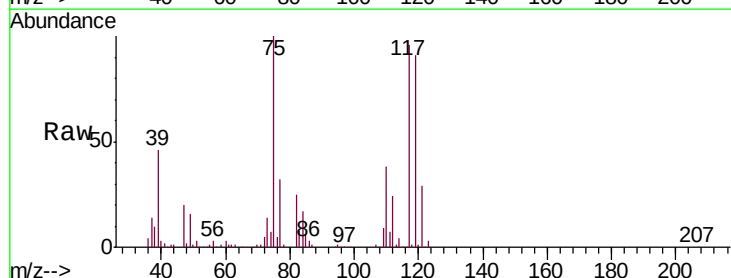
Tgt Ion: 117 Resp: 266233

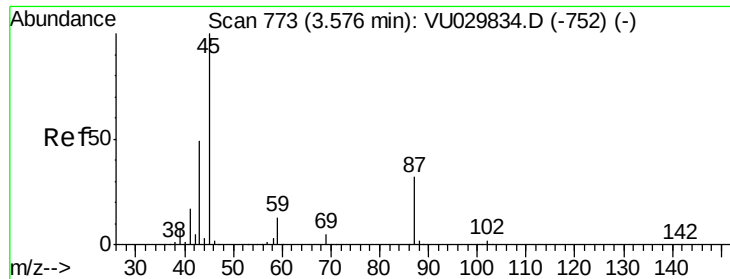
Ion Ratio Lower Upper

117 100

119 94.8 78.4 117.6

121 30.6 25.0 37.4





#31

Isopropyl Ether

Concen: 11.261 ug/l

RT: 3.57 min Scan# 772

Delta R.T. -0.00 min

Lab File: VU029836.D

Acq: 06 Mar 2019 13:03

Instrument :

MSVOA_U

ClientSampleId :

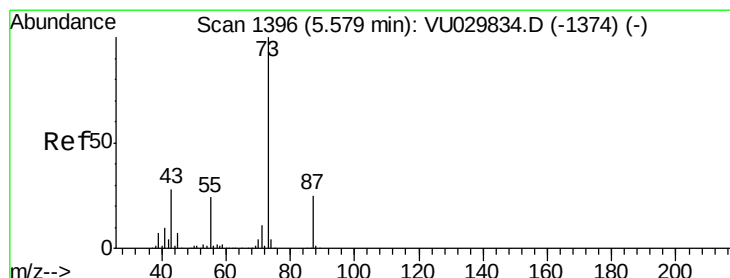
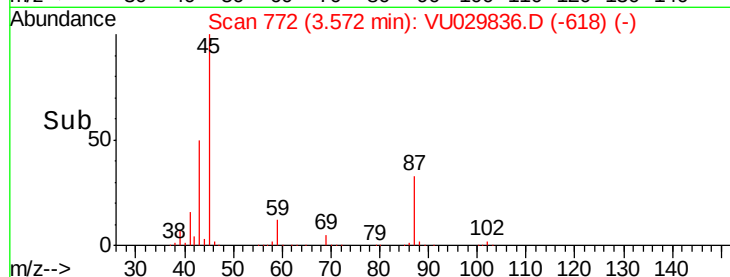
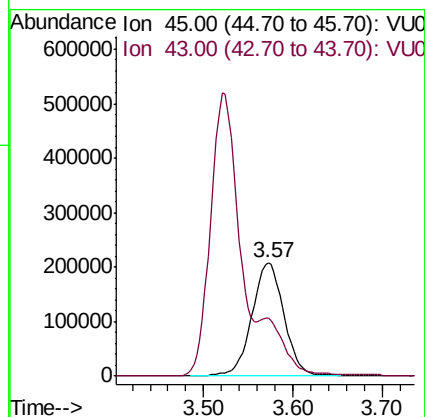
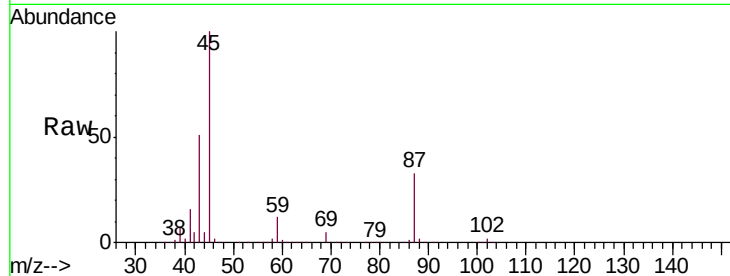
ICVVU030719

Tgt Ion: 45 Resp: 521806

Ion Ratio Lower Upper

45 100

43 217.6 24.3 72.9#



#33

Tert-Amyl methyl ether

Concen: 0.286 ug/l

RT: 5.38 min Scan# 1334

Delta R.T. -0.20 min

Lab File: VU029836.D

Acq: 06 Mar 2019 13:03

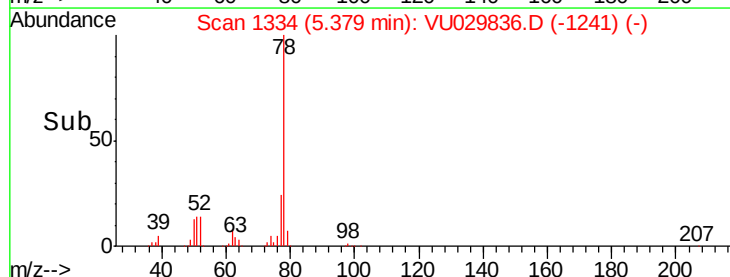
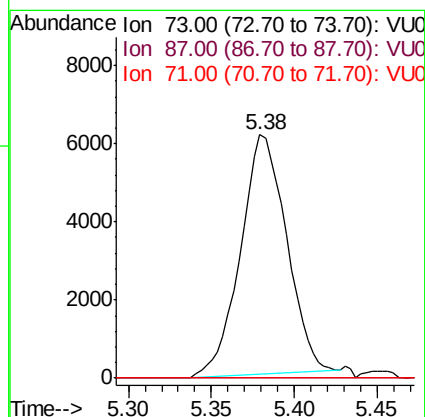
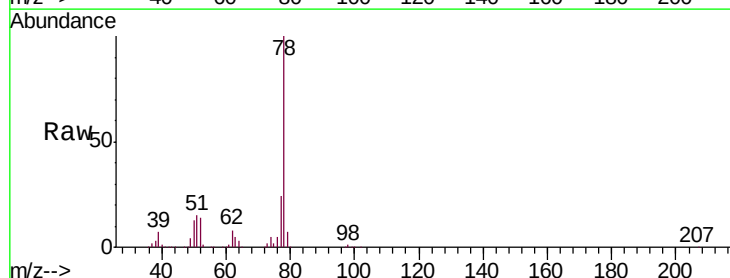
Tgt Ion: 73 Resp: 11910

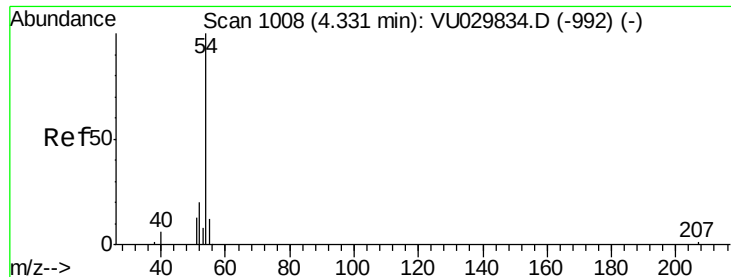
Ion Ratio Lower Upper

73 100

87 257.8 19.7 29.5#

71 0.0 9.4 14.2#

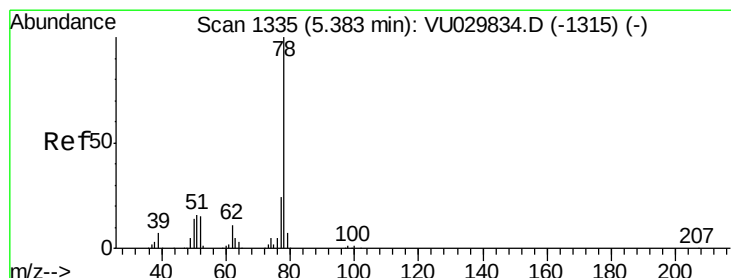
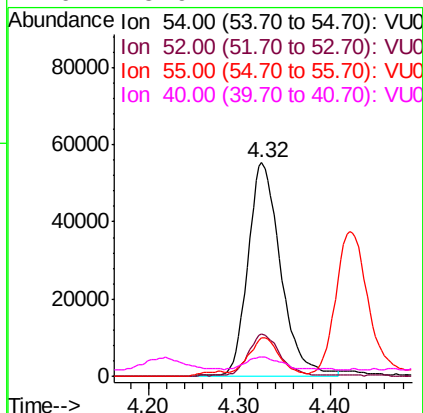
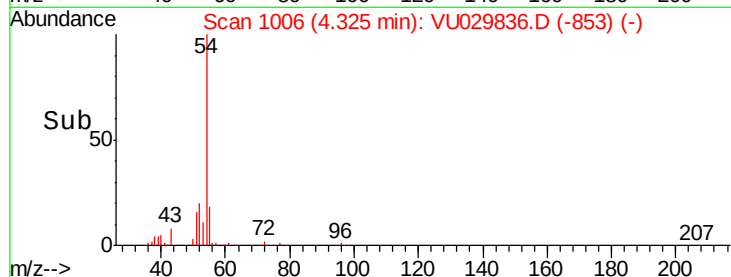
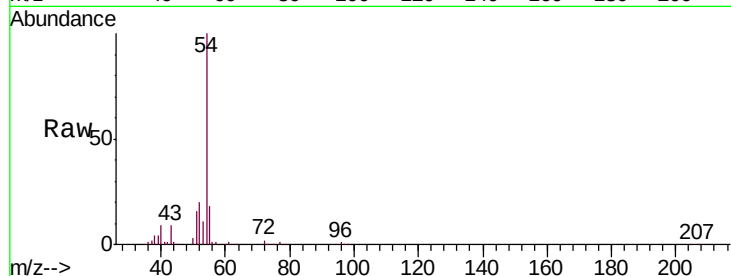




#34
 Propionitrile
 Concen: 106.927 ug/l
 RT: 4.32 min Scan# 1006
 Delta R.T. -0.01 min
 Lab File: VU029836.D
 Acq: 06 Mar 2019 13:03

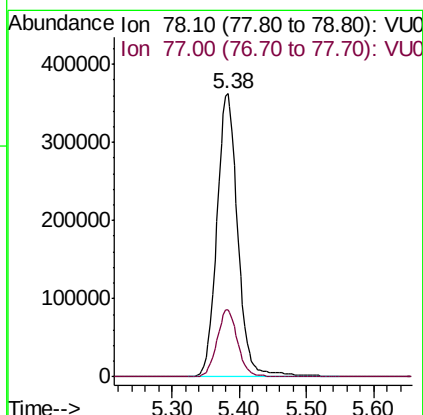
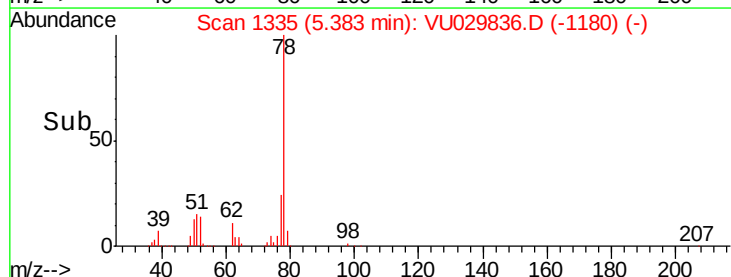
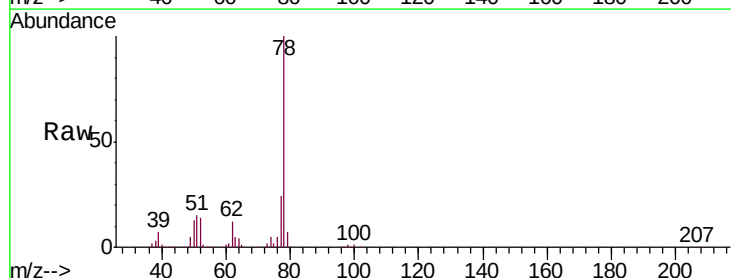
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU030719

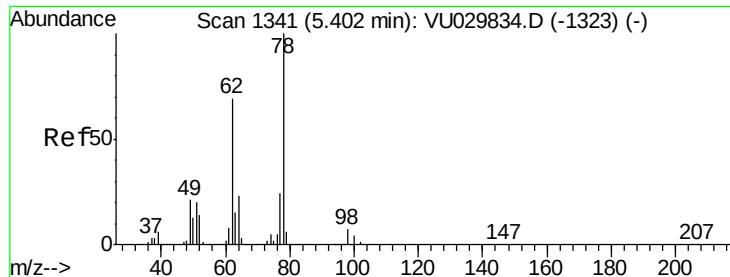
Tgt Ion:	54	Resp:	138757
Ion	Ratio	Lower	Upper
54	100		
52	18.5	16.1	24.1
55	15.6	11.2	16.8
40	5.9	4.7	7.1



#35
 Benzene
 Concen: 10.433 ug/l
 RT: 5.38 min Scan# 1335
 Delta R.T. -0.00 min
 Lab File: VU029836.D
 Acq: 06 Mar 2019 13:03

Tgt Ion:	78	Resp:	787770
Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.2	28.8

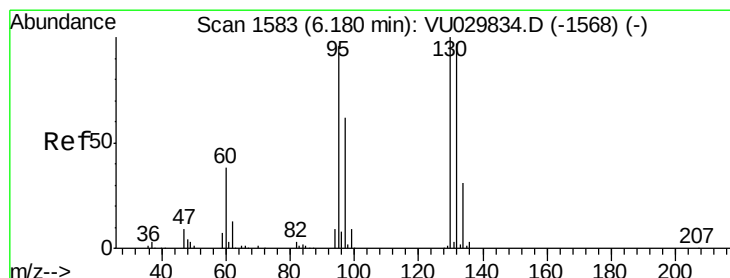
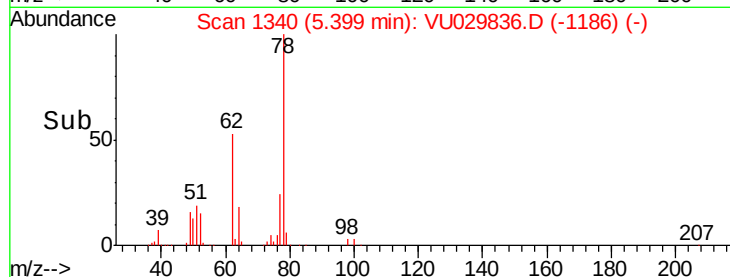
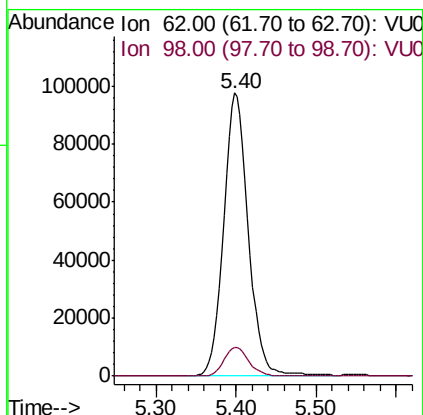
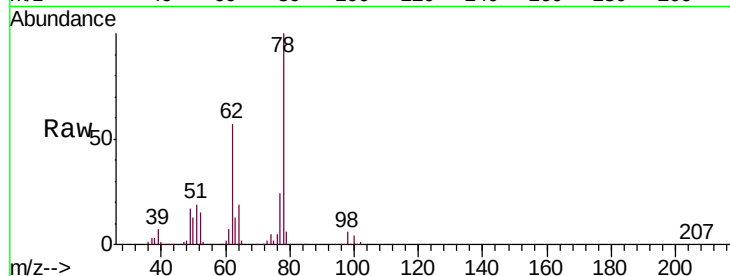




#36
1,2-Dichloroethane
Concen: 10.068 ug/l
RT: 5.40 min Scan# 1340
Delta R.T. -0.00 min
Lab File: VU029836.D
Acq: 06 Mar 2019 13:03

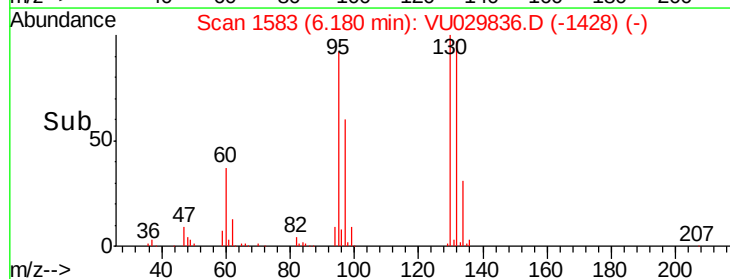
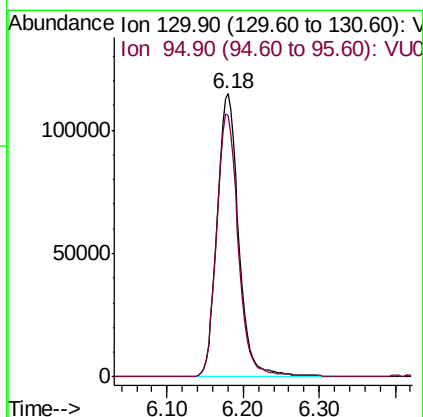
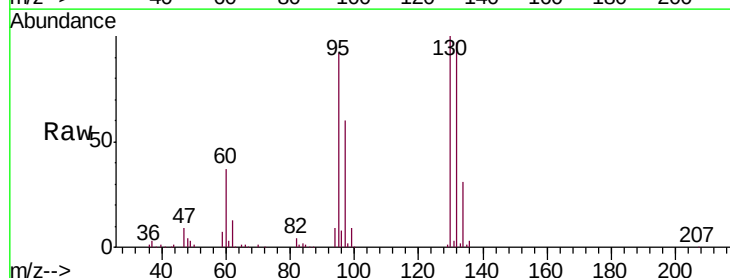
Instrument :
MSVOA_U
ClientSampleId :
ICVVU030719

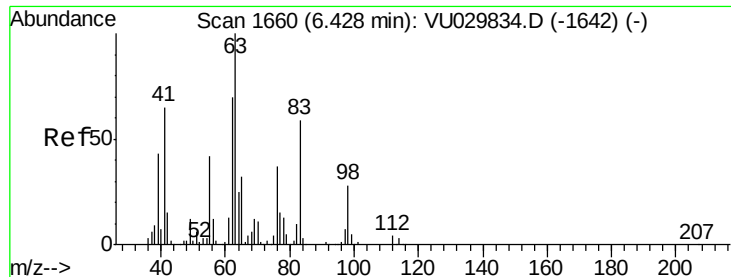
Tgt Ion: 62 Resp: 207643
Ion Ratio Lower Upper
62 100
98 10.0 8.2 12.2



#37
Trichloroethene
Concen: 10.265 ug/l
RT: 6.18 min Scan# 1583
Delta R.T. -0.00 min
Lab File: VU029836.D
Acq: 06 Mar 2019 13:03

Tgt Ion: 130 Resp: 226299
Ion Ratio Lower Upper
130 100
95 92.3 76.6 114.8

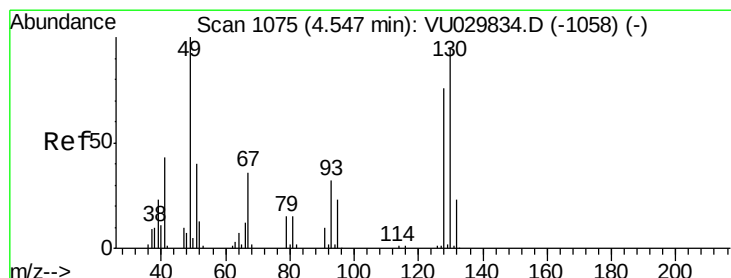
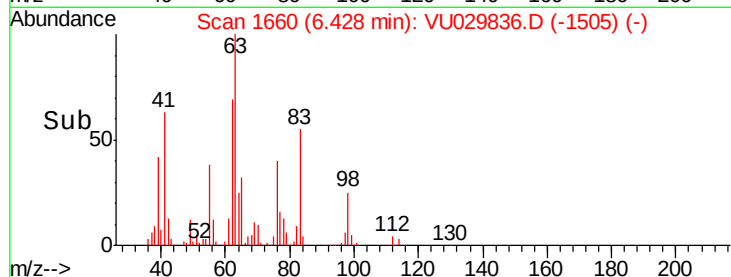
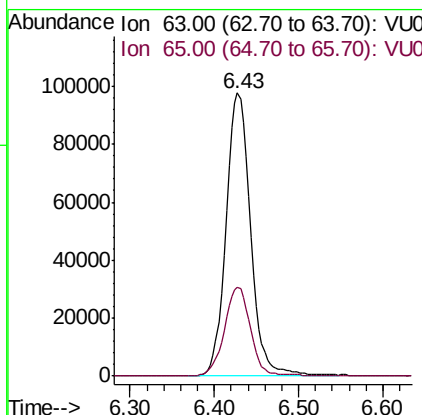
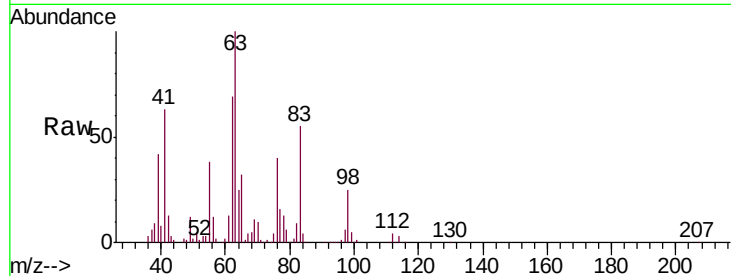




#38
 1,2-Dichloropropane
 Concen: 10.368 ug/l
 RT: 6.43 min Scan# 1660
 Delta R.T. -0.00 min
 Lab File: VU029836.D
 Acq: 06 Mar 2019 13:03

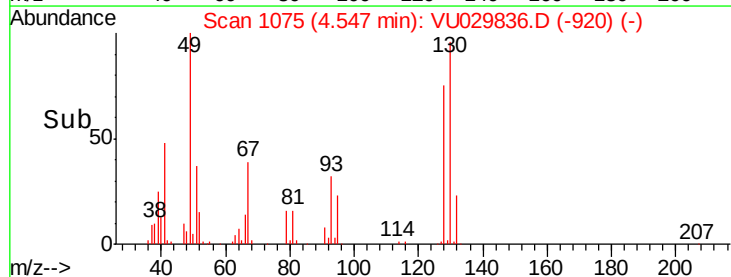
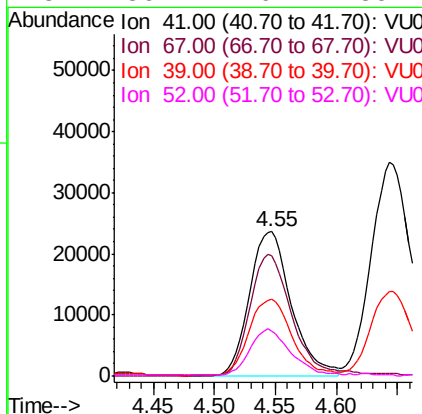
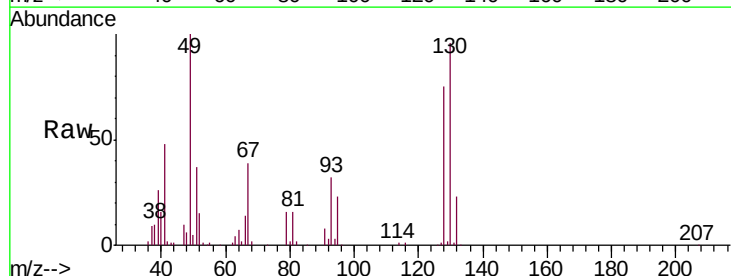
Instrument :
 MSVOA_U
 ClientSampled :
 ICVVU030719

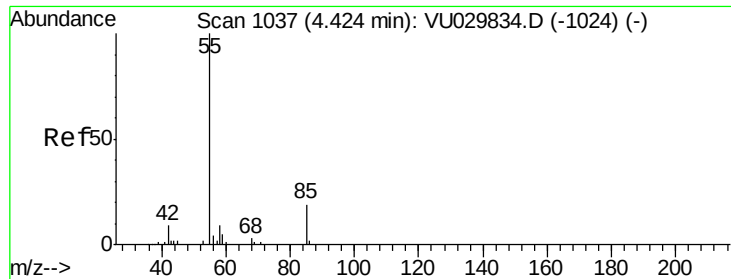
Tgt Ion: 63 Resp: 198167
 Ion Ratio Lower Upper
 63 100
 65 31.6 25.4 38.2



#39
 Methacrylonitrile
 Concen: 10.292 ug/l
 RT: 4.55 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VU029836.D
 Acq: 06 Mar 2019 13:03

Tgt Ion: 41 Resp: 56182
 Ion Ratio Lower Upper
 41 100
 67 85.1 68.4 102.6
 39 53.5 42.6 63.8
 52 30.4 26.2 39.4

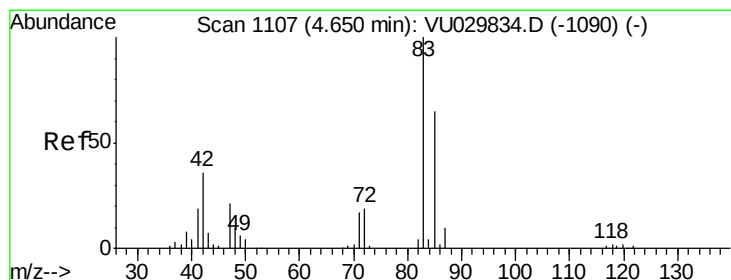
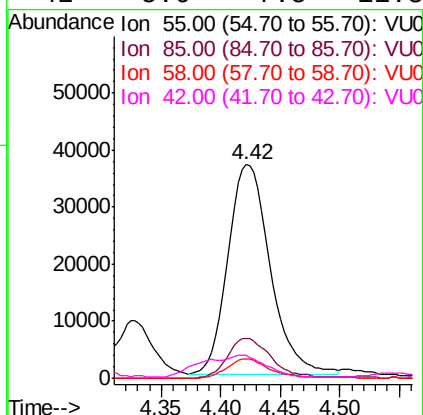
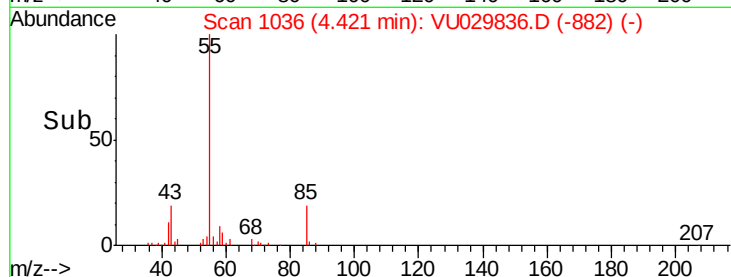
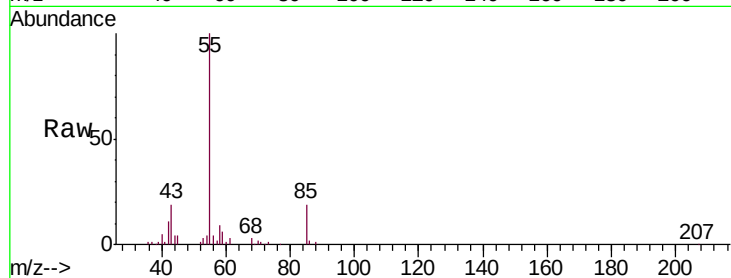




#40
Methyl acrylate
Concen: 10.478 ug/l
RT: 4.42 min Scan# 1036
Delta R.T. -0.00 min
Lab File: VU029836.D
Acq: 06 Mar 2019 13:03

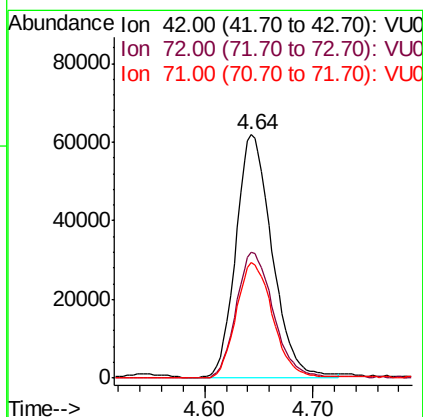
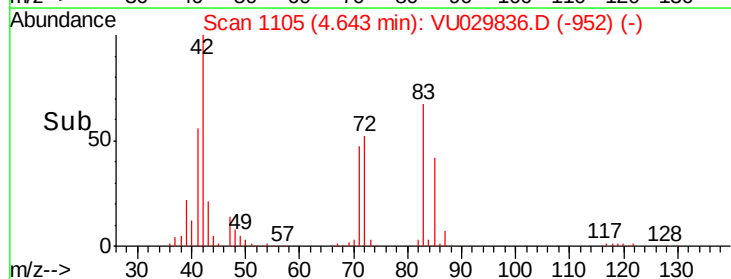
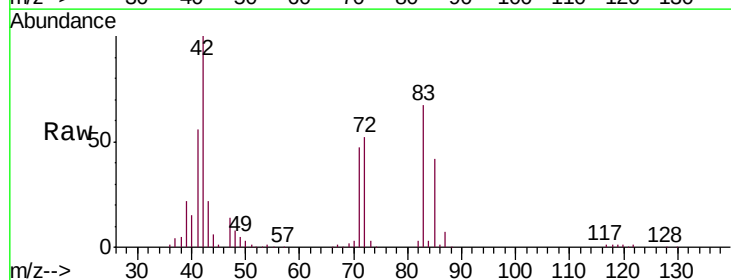
Instrument :
MSVOA_U
ClientSampleId :
ICVVU030719

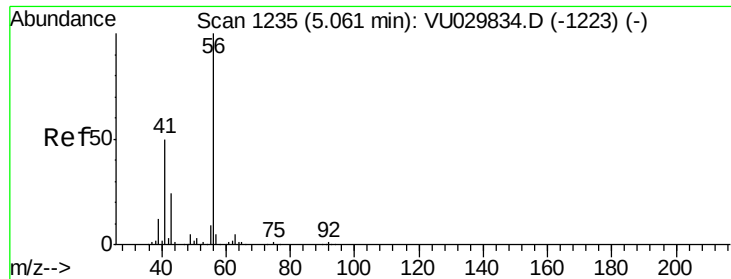
Tgt Ion:	55	Resp:	90406
Ion	Ratio	Lower	Upper
55	100		
85	19.5	15.2	22.8
58	9.1	7.6	11.4
42	5.6	7.5	11.3#



#41
Tetrahydrofuran
Concen: 50.498 ug/l
RT: 4.64 min Scan# 1105
Delta R.T. -0.01 min
Lab File: VU029836.D
Acq: 06 Mar 2019 13:03

Tgt Ion:	42	Resp:	144176
Ion	Ratio	Lower	Upper
42	100		
72	53.8	43.6	65.4
71	48.1	37.5	56.3

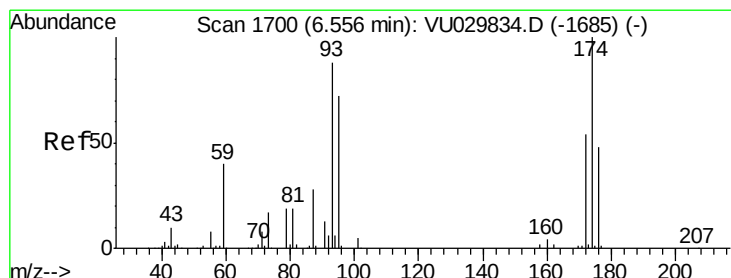
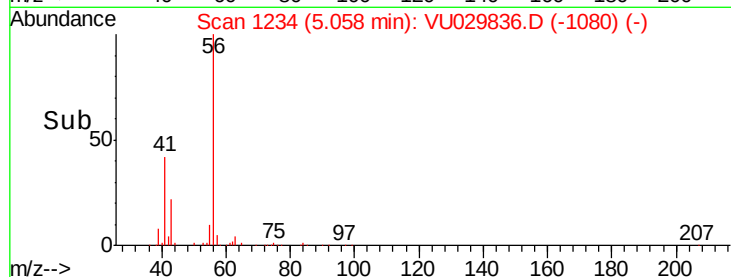
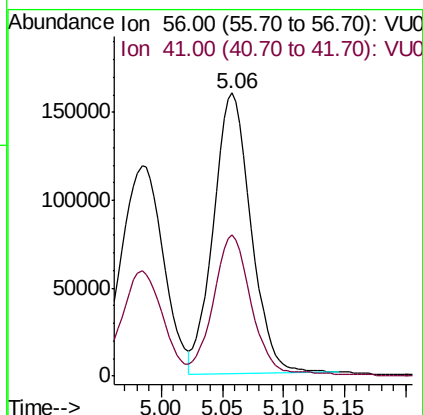
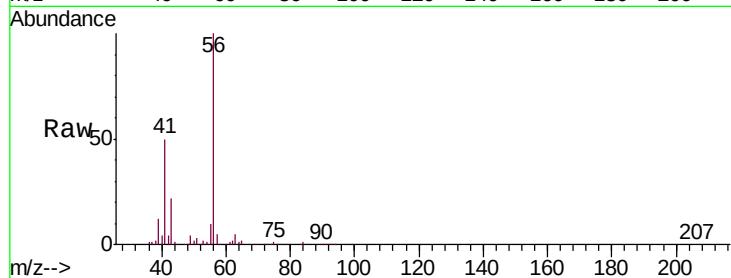




#42
1-Chlorobutane
Concen: 10.490 ug/l
RT: 5.06 min Scan# 1234
Delta R.T. -0.00 min
Lab File: VU029836.D
Acq: 06 Mar 2019 13:03

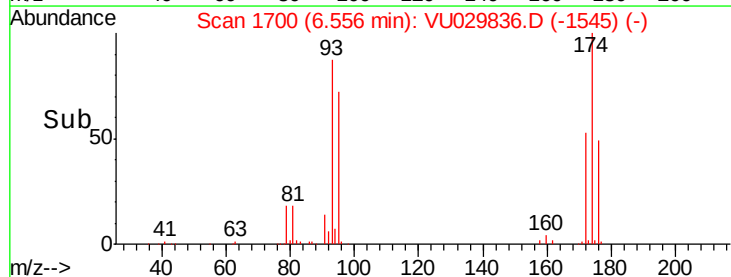
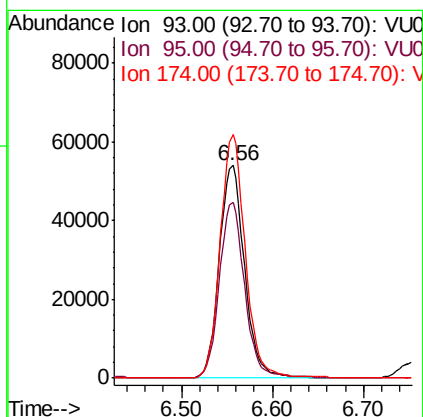
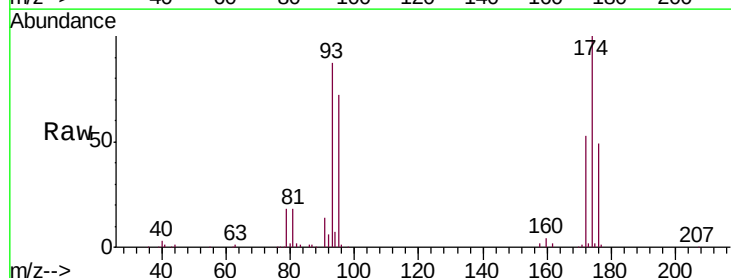
Instrument :
MSVOA_U
ClientSampleId :
ICVVU030719

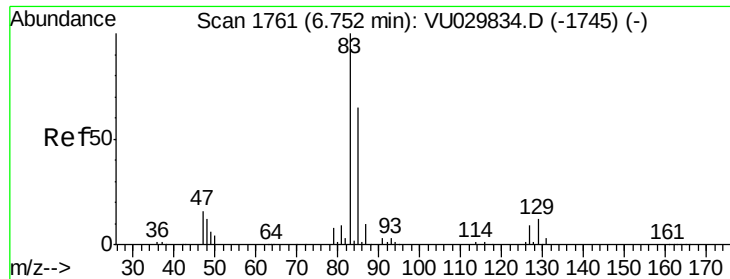
Tgt Ion: 56 Resp: 343539
Ion Ratio Lower Upper
56 100
41 51.0 25.0 75.0



#43
Dibromomethane
Concen: 10.559 ug/l
RT: 6.56 min Scan# 1700
Delta R.T. -0.00 min
Lab File: VU029836.D
Acq: 06 Mar 2019 13:03

Tgt Ion: 93 Resp: 104597
Ion Ratio Lower Upper
93 100
95 82.4 67.0 100.6
174 113.1 91.4 137.2





#44

Bromodichloromethane

Concen: 10.276 ug/l

RT: 6.75 min Scan# 1761

Delta R.T. -0.00 min

Lab File: VU029836.D

Acq: 06 Mar 2019 13:03

Instrument :

MSVOA_U

ClientSampleId :

ICVVU030719

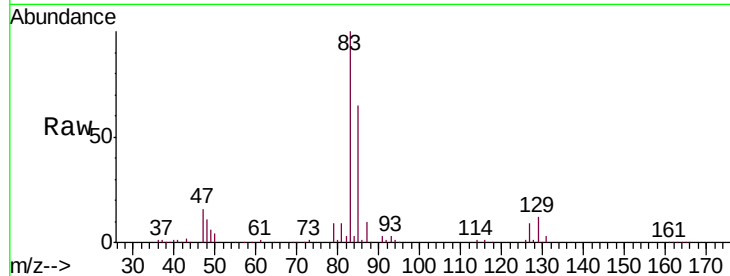
Tgt Ion: 83 Resp: 250008

Ion Ratio Lower Upper

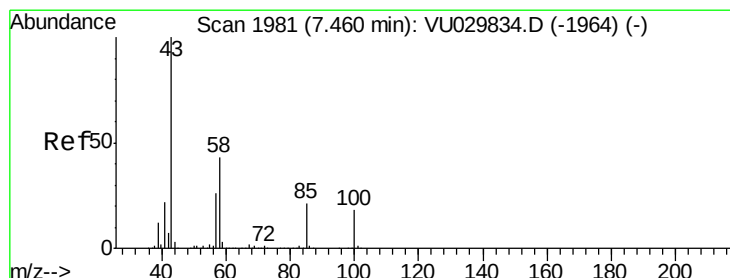
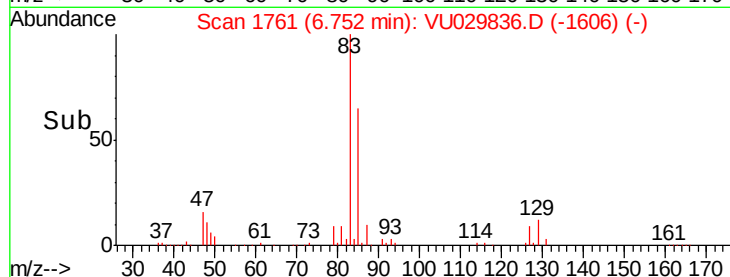
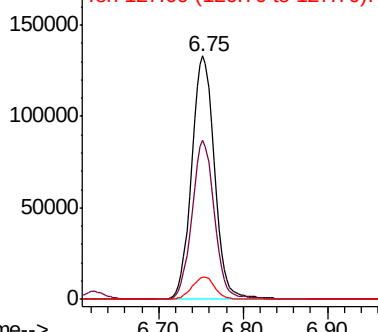
83 100

85 65.3 51.7 77.5

127 9.2 7.4 11.2



Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 85.00 (84.70 to 85.70): VU0
Ion 127.00 (126.70 to 127.70): V



#45

4-Methyl-2-Pentanone

Concen: 52.609 ug/l

RT: 7.46 min Scan# 1981

Delta R.T. -0.00 min

Lab File: VU029836.D

Acq: 06 Mar 2019 13:03

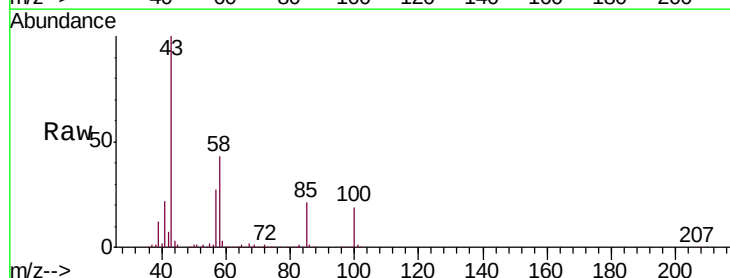
Tgt Ion: 43 Resp: 543541

Ion Ratio Lower Upper

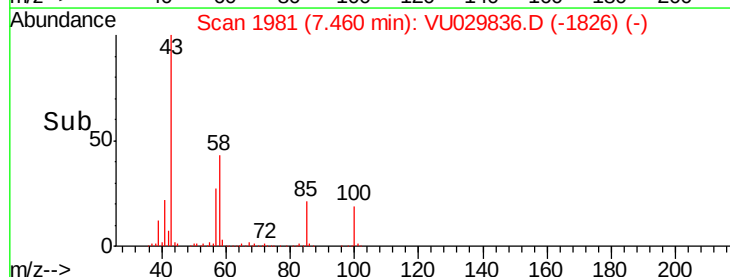
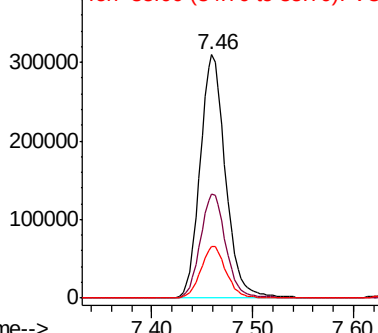
43 100

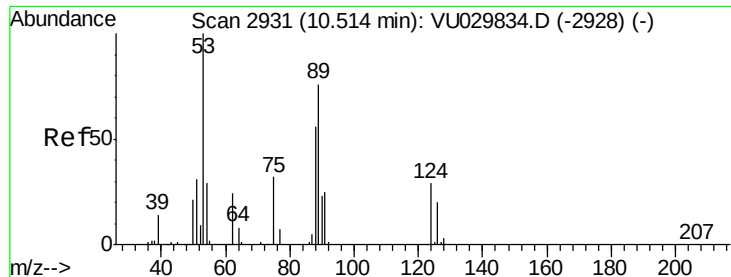
58 43.3 21.6 65.0

85 21.2 16.5 24.7



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

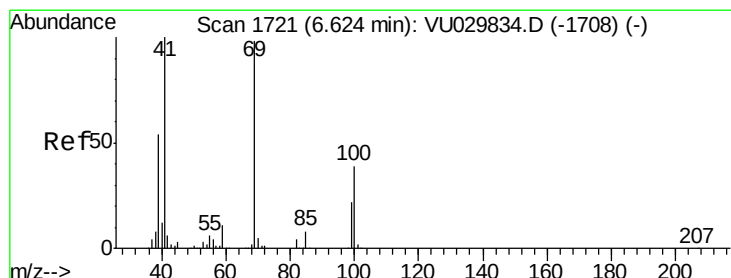
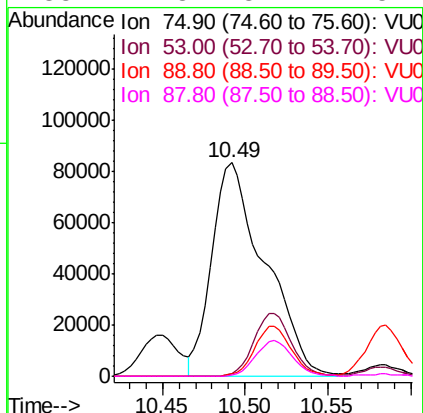
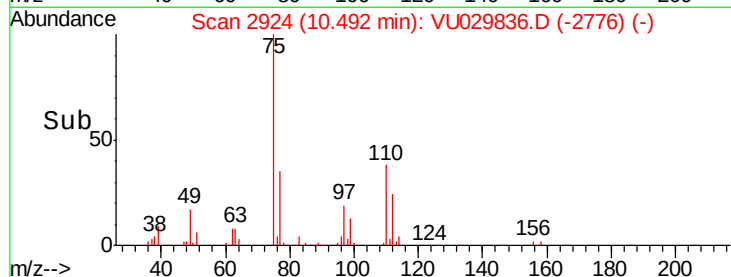
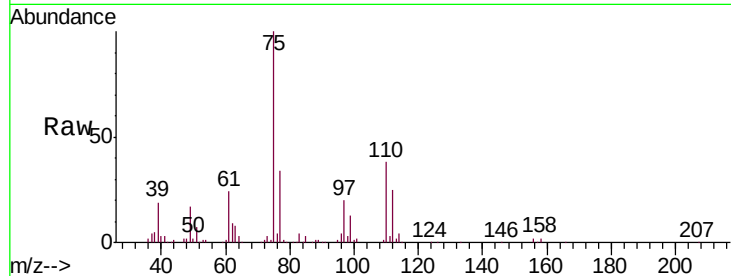




#46
t-1,4-Dichloro-2-butene
Concen: 42.951 ug/l
RT: 10.49 min Scan# 2924
Delta R.T. -0.02 min
Lab File: VU029836.D
Acq: 06 Mar 2019 13:03

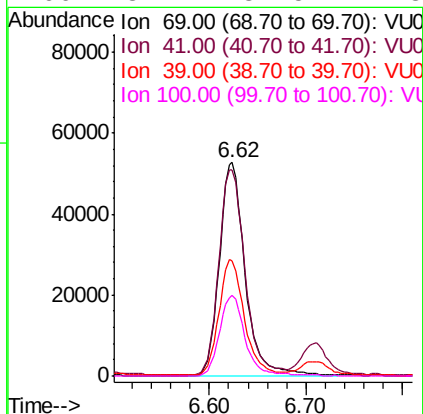
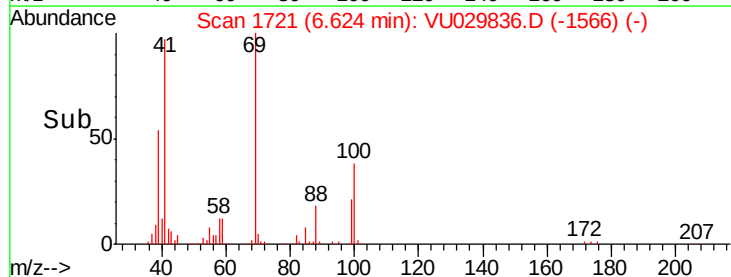
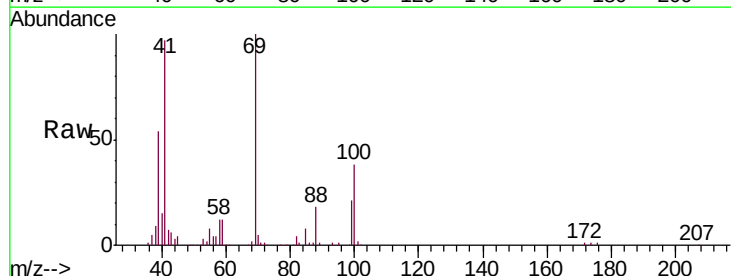
Instrument :
MSVOA_U
ClientSampleId :
ICVVU030719

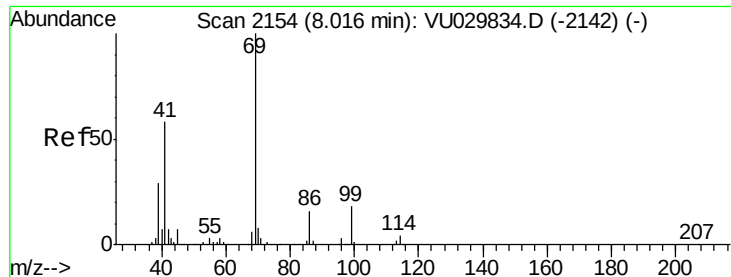
Tgt Ion	Ratio	Lower	Upper
75	100		
53	20.8	59.2	88.8#
89	16.2	44.9	67.3#
88	11.8	32.2	48.2#



#47
Methyl methacrylate
Concen: 11.518 ug/l
RT: 6.62 min Scan# 1721
Delta R.T. -0.00 min
Lab File: VU029836.D
Acq: 06 Mar 2019 13:03

Tgt Ion	Ratio	Lower	Upper
69	100		
41	97.4	0.0	201.0
39	52.9	43.3	64.9
100	37.7	31.5	47.3

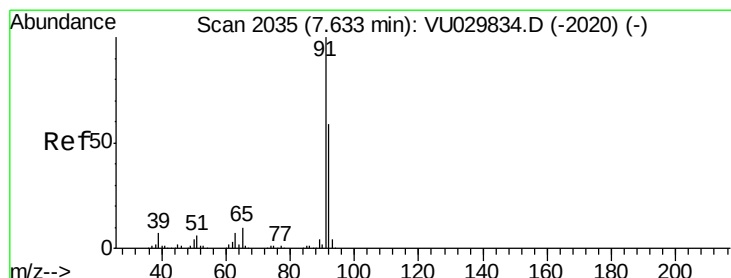
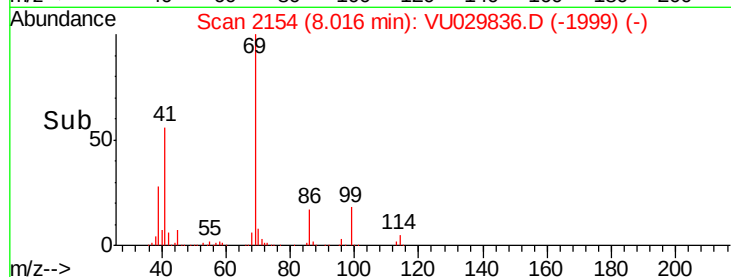
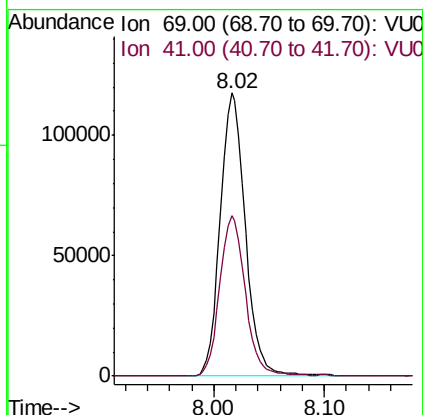
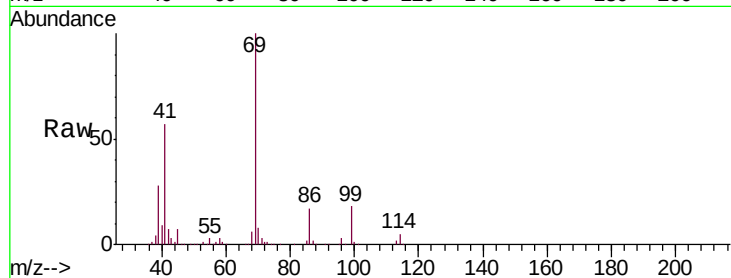




#48
Ethyl methacrylate
Concen: 11.432 ug/l
RT: 8.02 min Scan# 2154
Delta R.T. -0.00 min
Lab File: VU029836.D
Acq: 06 Mar 2019 13:03

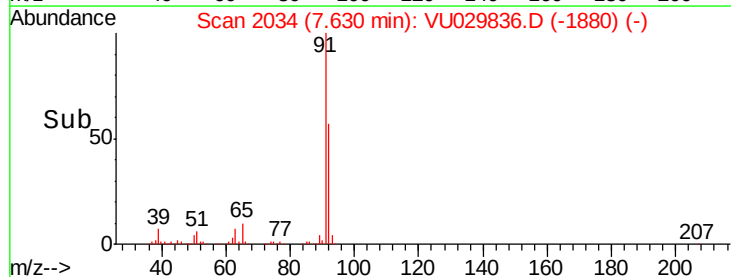
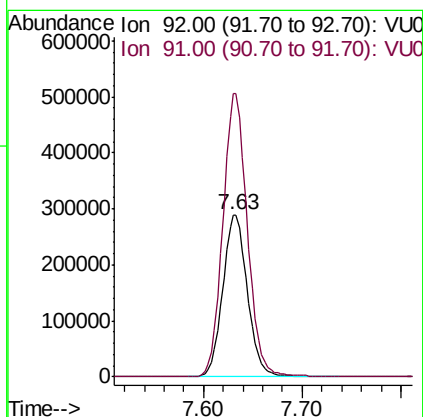
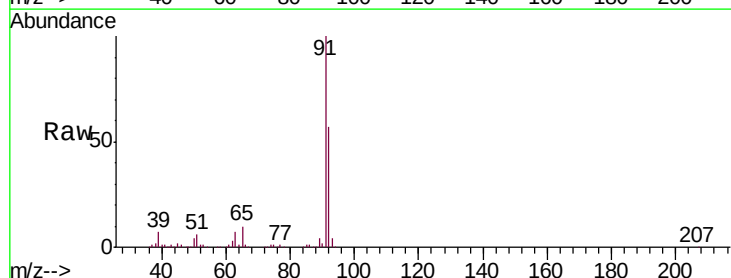
Instrument :
MSVOA_U
ClientSampleId :
ICVVU030719

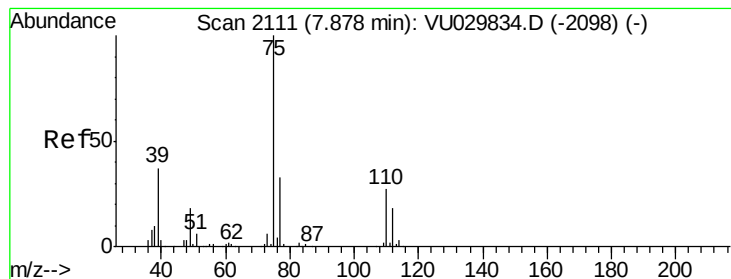
Tgt Ion: 69 Resp: 186197
Ion Ratio Lower Upper
69 100
41 57.7 29.0 87.1



#49
Toluene
Concen: 10.961 ug/l
RT: 7.63 min Scan# 2034
Delta R.T. -0.00 min
Lab File: VU029836.D
Acq: 06 Mar 2019 13:03

Tgt Ion: 92 Resp: 508312
Ion Ratio Lower Upper
92 100
91 174.2 137.8 206.8





#50

t-1,3-Dichloropropene

Concen: 11.513 ug/l

RT: 7.87 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VU029836.D

Acq: 06 Mar 2019 13:03

Instrument :

MSVOA_U

ClientSampleId :

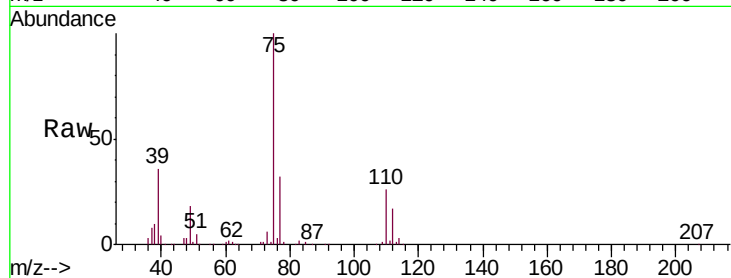
ICVVU030719

Tgt Ion: 75 Resp: 245475

Ion Ratio Lower Upper

75 100

77 31.7 26.4 39.6



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

7.87

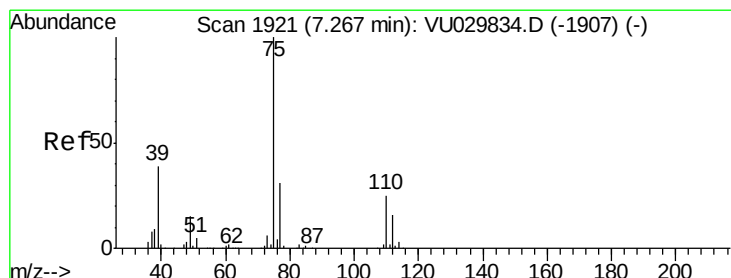
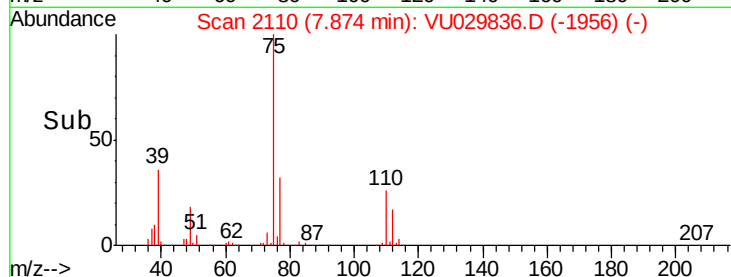
150000

100000

50000

0

Time-->



#51

cis-1,3-Dichloropropene

Concen: 11.177 ug/l

RT: 7.26 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VU029836.D

Acq: 06 Mar 2019 13:03

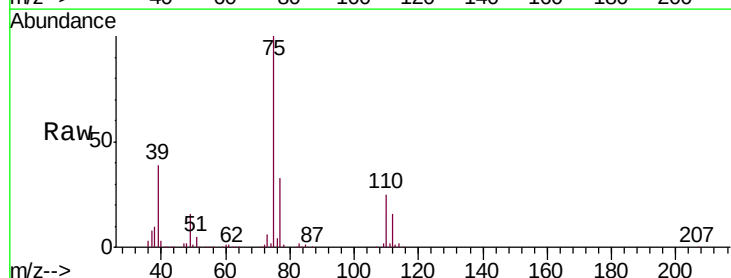
Tgt Ion: 75 Resp: 295008

Ion Ratio Lower Upper

75 100

77 32.7 24.9 37.3

39 39.5 30.8 46.2



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

7.26

200000

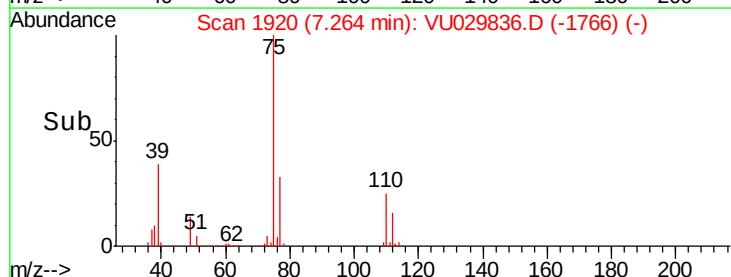
150000

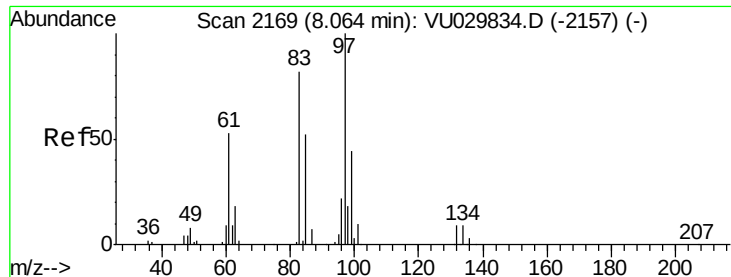
100000

50000

0

Time-->

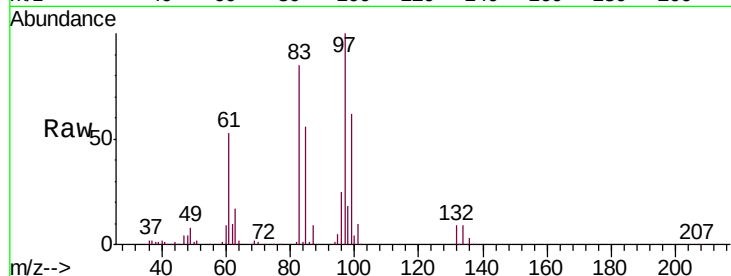




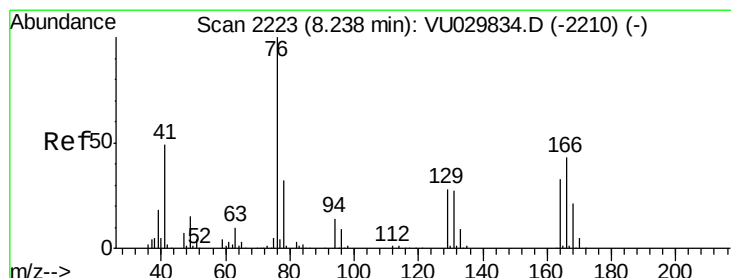
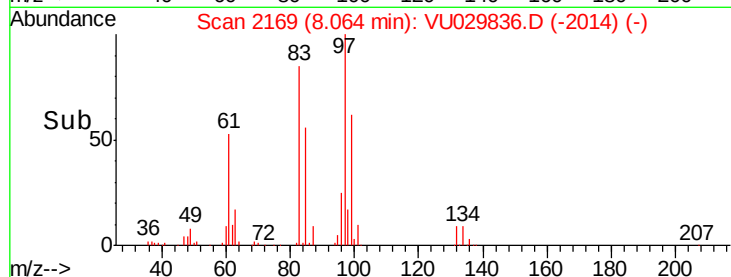
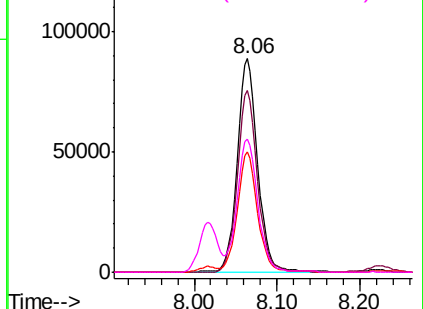
#52
 1,1,2-Trichloroethane
 Concen: 10.427 ug/l
 RT: 8.06 min Scan# 2169
 Delta R.T. -0.00 min
 Lab File: VU029836.D
 Acq: 06 Mar 2019 13:03

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU030719

Tgt Ion:	97	Resp:	152889
Ion	Ratio	Lower	Upper
97	100		
83	85.1	65.9	98.9
85	56.3	43.0	64.6
99	62.3	49.7	74.5

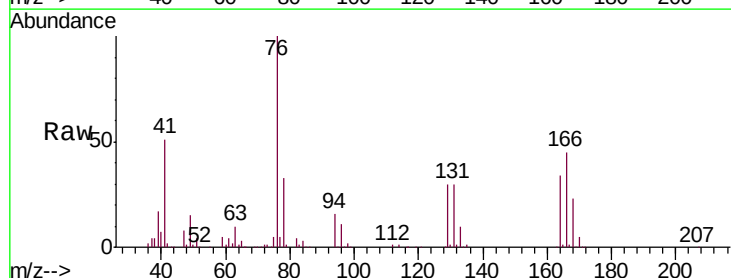


Abundance Ion 97.00 (96.70 to 97.70): VU0
 Ion 82.95 (82.65 to 83.65): VU0
 Ion 84.95 (84.65 to 85.65): VU0
 Ion 98.95 (98.65 to 99.65): VU0

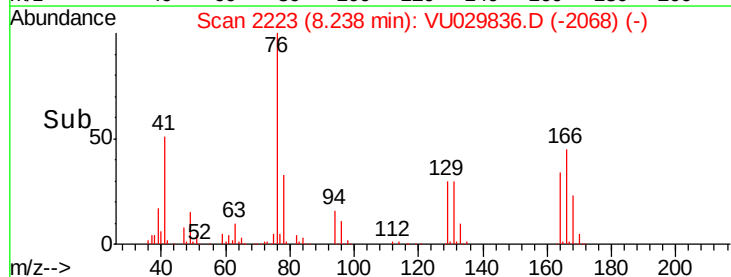
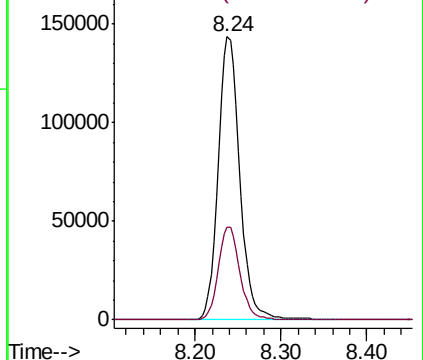


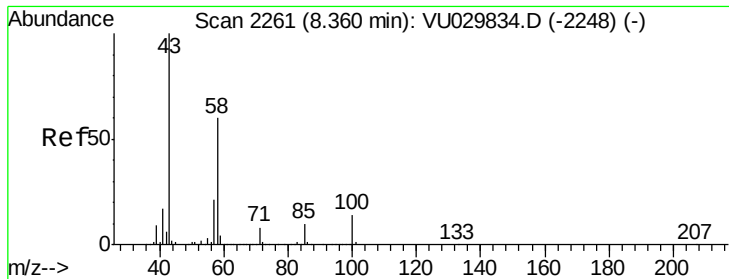
#53
 1,3-Dichloropropane
 Concen: 10.481 ug/l
 RT: 8.24 min Scan# 2223
 Delta R.T. -0.00 min
 Lab File: VU029836.D
 Acq: 06 Mar 2019 13:03

Tgt Ion:	76	Resp:	252075
Ion	Ratio	Lower	Upper
76	100		
78	32.9	25.7	38.5



Abundance Ion 76.00 (75.70 to 76.70): VU0
 Ion 78.00 (77.70 to 78.70): VU0

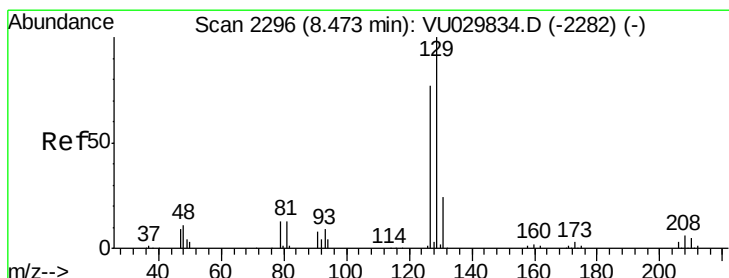
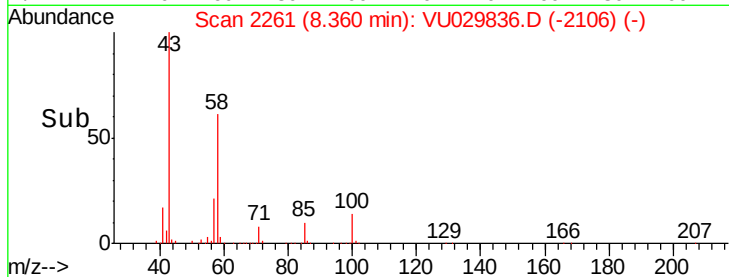
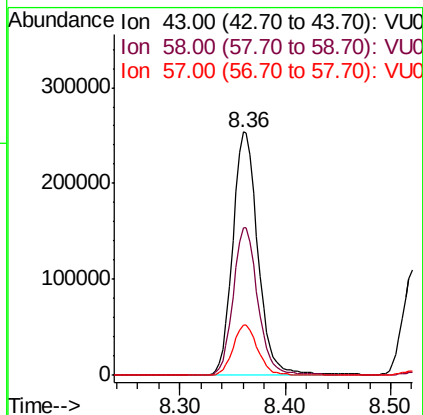
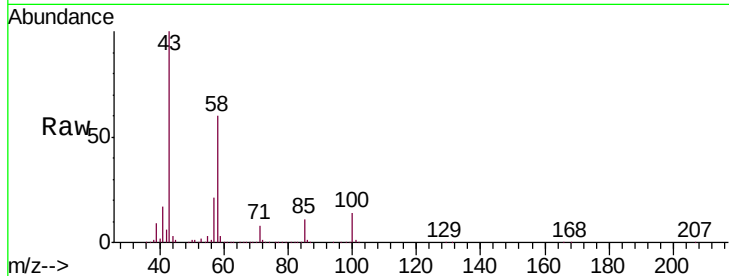




#54
2-Hexanone
Concen: 58.236 ug/l
RT: 8.36 min Scan# 2261
Delta R.T. -0.00 min
Lab File: VU029836.D
Acq: 06 Mar 2019 13:03

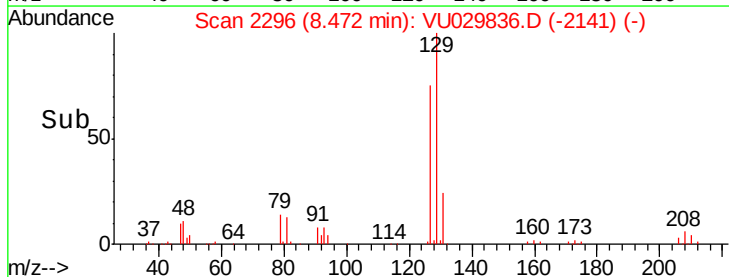
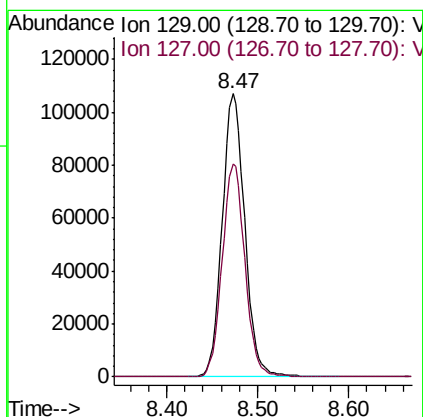
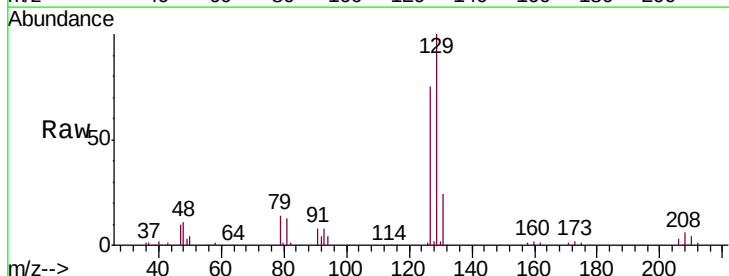
Instrument :
MSVOA_U
ClientSampleId :
ICVVU030719

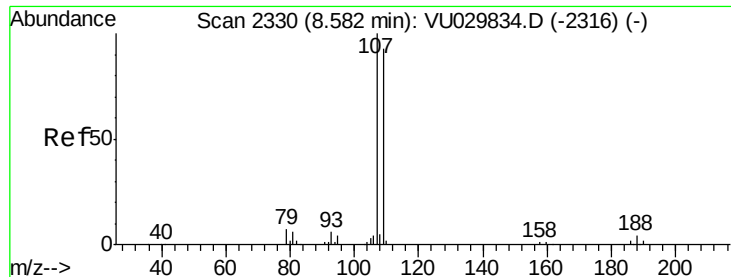
Tgt Ion: 43 Resp: 417868
Ion Ratio Lower Upper
43 100
58 60.0 39.6 79.6
57 20.5 0.5 40.5



#55
Dibromochloromethane
Concen: 10.609 ug/l
RT: 8.47 min Scan# 2296
Delta R.T. -0.00 min
Lab File: VU029836.D
Acq: 06 Mar 2019 13:03

Tgt Ion: 129 Resp: 184623
Ion Ratio Lower Upper
129 100
127 75.8 61.6 92.4





#56

1,2-Dibromoethane

Concen: 10.653 ug/l

RT: 8.59 min Scan# 2331

Delta R.T. 0.00 min

Lab File: VU029836.D

Acq: 06 Mar 2019 13:03

Instrument :

MSVOA_U

ClientSampleId :

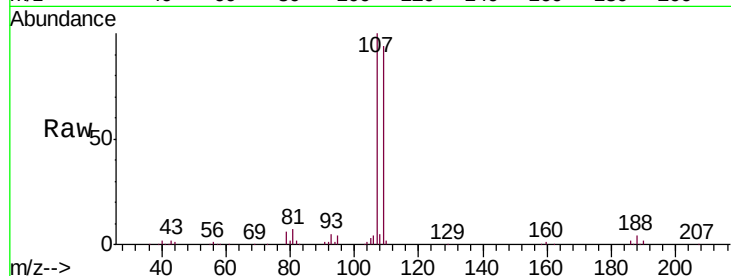
ICVVU030719

Tgt Ion: 107 Resp: 148121

Ion Ratio Lower Upper

107 100

109 94.8 0.0 188.4



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

8.59

100000

80000

60000

40000

20000

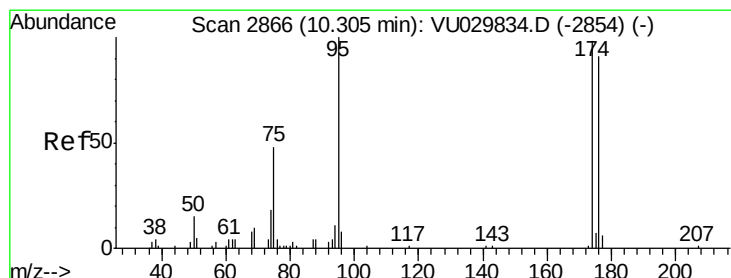
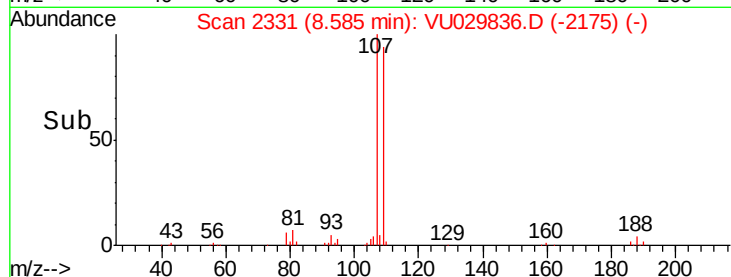
0

Time-->

8.50

8.60

8.70



#57

4-Bromofluorobenzene

Concen: 10.653 ug/l

RT: 10.31 min Scan# 2866

Delta R.T. -0.00 min

Lab File: VU029836.D

Acq: 06 Mar 2019 13:03

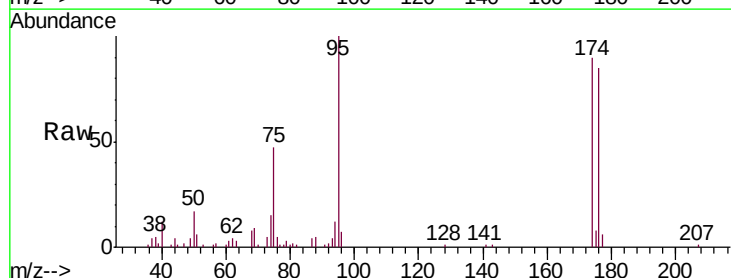
Tgt Ion: 95 Resp: 24748

Ion Ratio Lower Upper

95 100

174 90.5 76.5 114.7

176 89.4 74.2 111.2



Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V

20000

15000

10000

5000

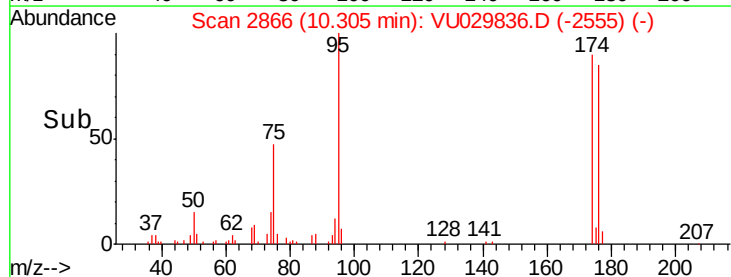
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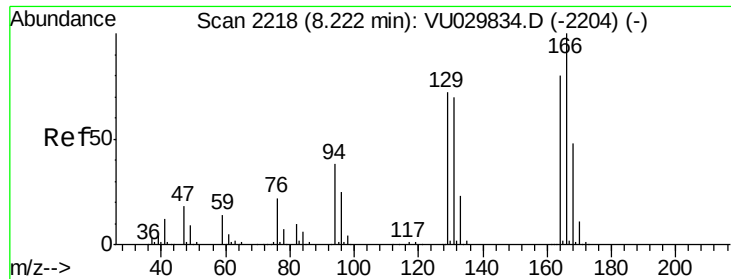
Time-->

10.25

10.30

10.35

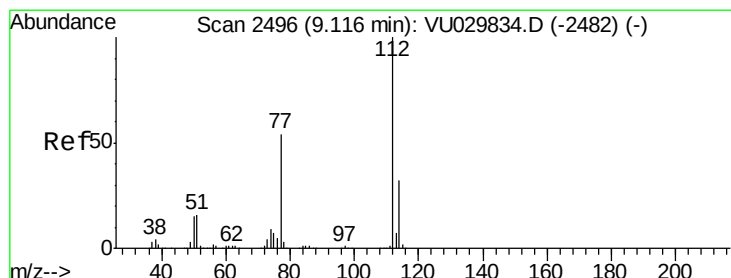
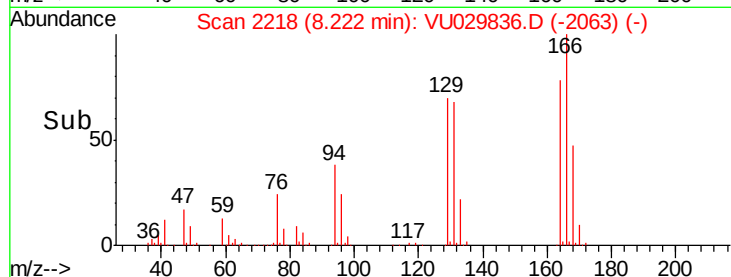
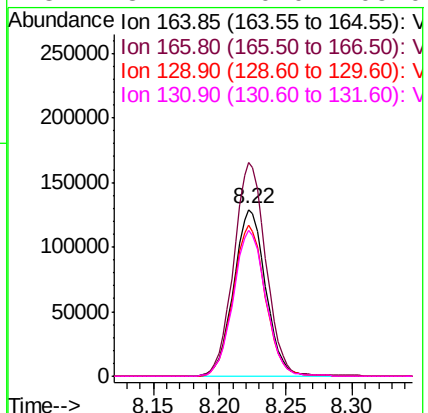
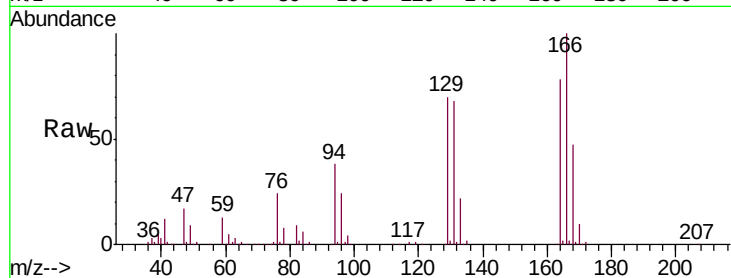




#58
Tetrachloroethene
Concen: 9.621 ug/l
RT: 8.22 min Scan# 2218
Delta R.T. -0.00 min
Lab File: VU029836.D
Acq: 06 Mar 2019 13:03

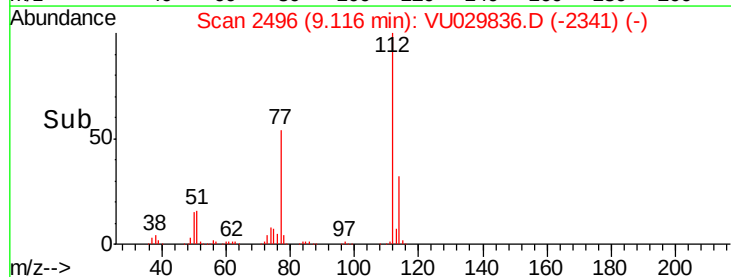
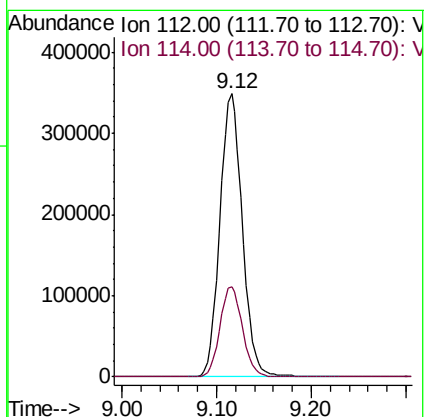
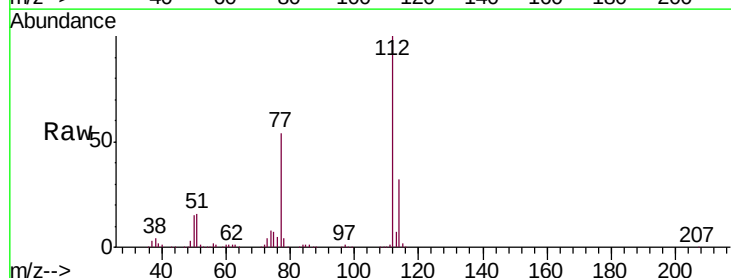
Instrument :
MSVOA_U
ClientSampleId :
ICVVU030719

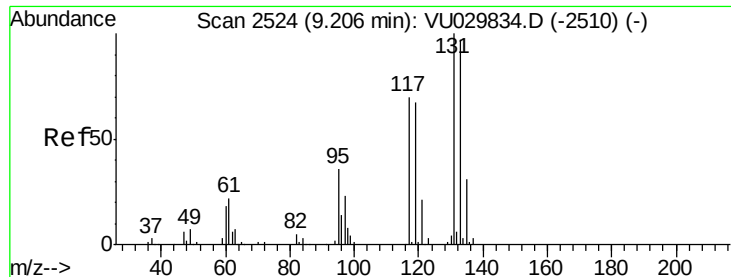
Tgt Ion:	164	Resp:	216656
Ion	Ratio	Lower	Upper
164	100		
166	127.9	100.5	150.7
129	90.1	72.3	108.5
131	87.1	70.0	105.0



#59
Chlorobenzene
Concen: 10.780 ug/l
RT: 9.12 min Scan# 2496
Delta R.T. -0.00 min
Lab File: VU029836.D
Acq: 06 Mar 2019 13:03

Tgt Ion:	112	Resp:	574526
Ion	Ratio	Lower	Upper
112	100		
114	32.0	25.4	38.2

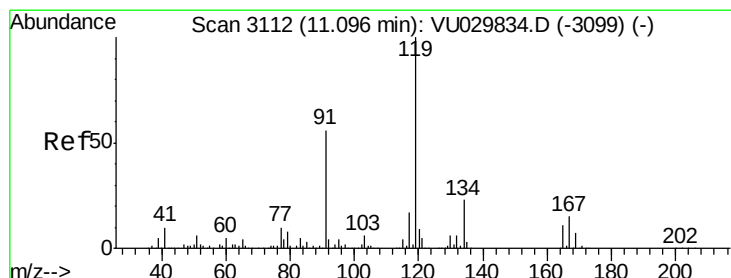
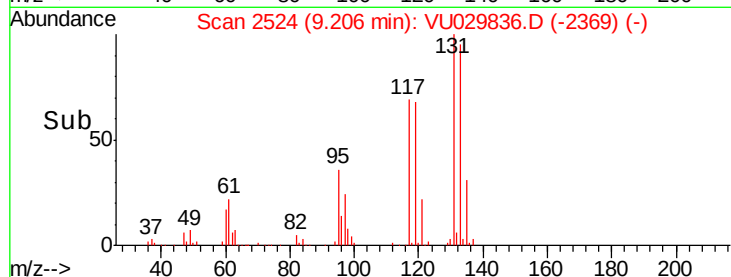
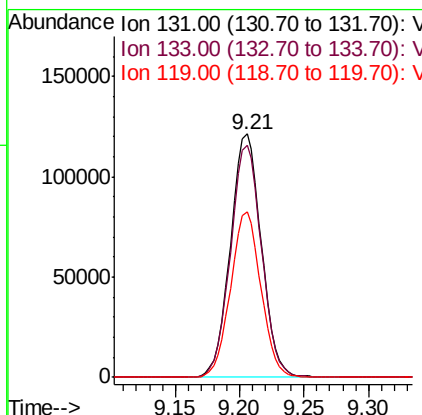
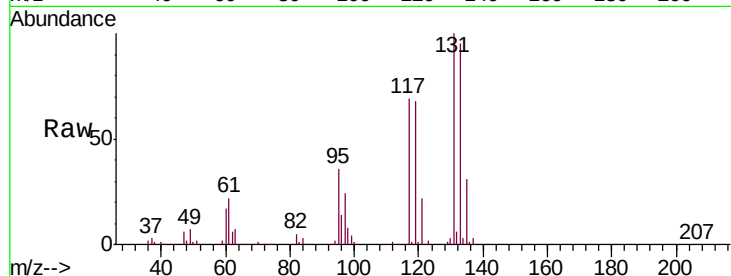




#60
 1,1,1,2-Tetrachloroethane
 Concen: 10.545 ug/l
 RT: 9.21 min Scan# 2524
 Delta R.T. -0.00 min
 Lab File: VU029836.D
 Acq: 06 Mar 2019 13:03

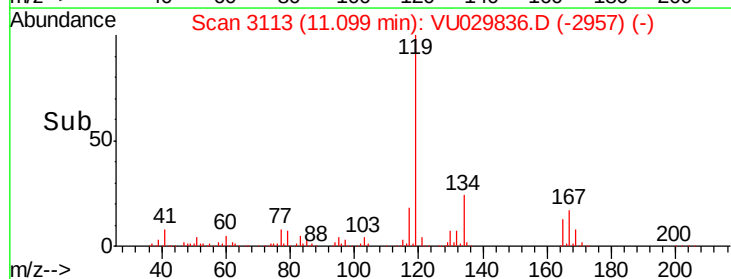
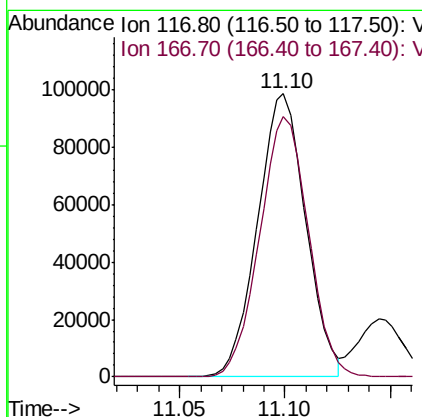
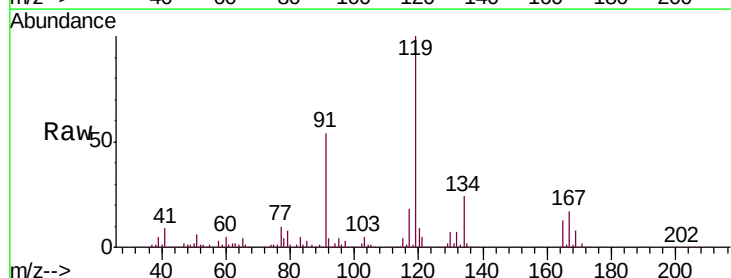
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU030719

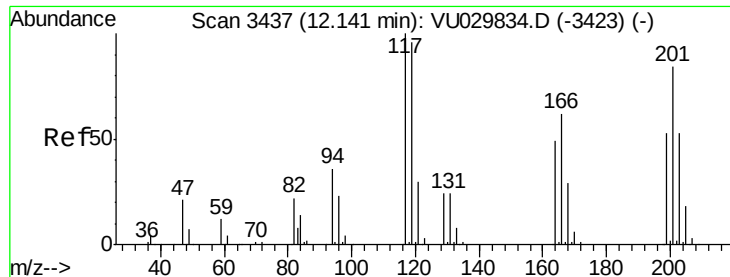
Tgt Ion:131 Resp: 201601
 Ion Ratio Lower Upper
 131 100
 133 96.2 76.4 114.6
 119 67.1 54.2 81.4



#61
 Pentachloroethane
 Concen: 11.769 ug/l
 RT: 11.10 min Scan# 3113
 Delta R.T. 0.00 min
 Lab File: VU029836.D
 Acq: 06 Mar 2019 13:03

Tgt Ion:117 Resp: 156640
 Ion Ratio Lower Upper
 117 100
 167 93.1 71.4 107.2





#62

Hexachloroethane

Concen: 11.652 ug/l

RT: 12.14 min Scan# 3437

Delta R.T. -0.00 min

Lab File: VU029836.D

Acq: 06 Mar 2019 13:03

Instrument :

MSVOA_U

ClientSampleId :

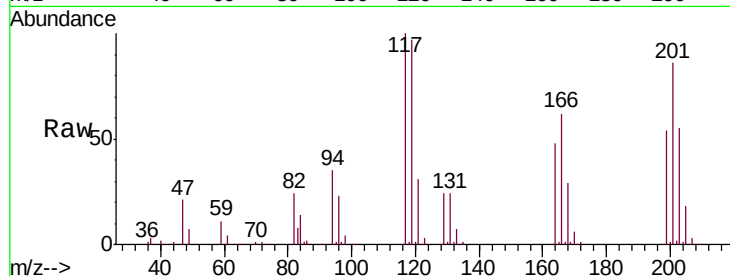
ICVVU030719

Tgt Ion: 117 Resp: 163159

Ion Ratio Lower Upper

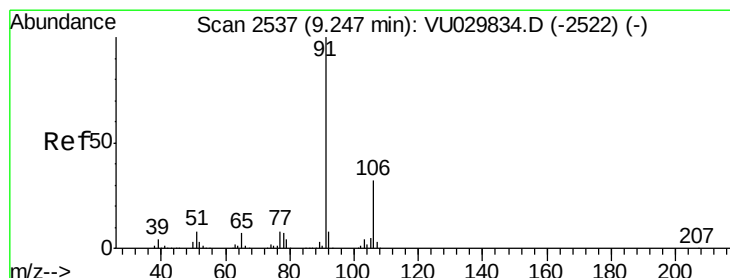
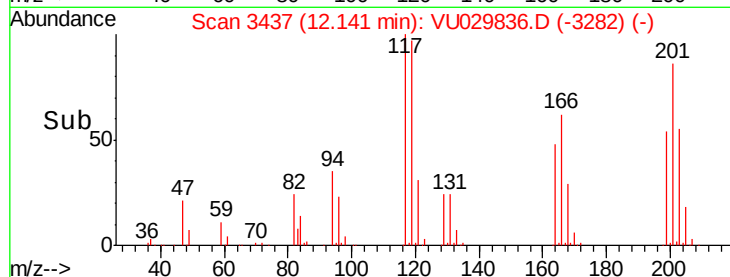
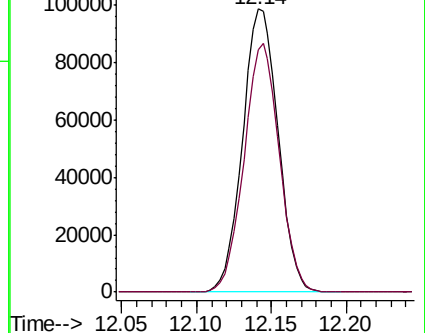
117 100

201 87.0 68.2 102.2



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.60 (200.30 to 201.30): V



#63

Ethyl Benzene

Concen: 11.237 ug/l

RT: 9.25 min Scan# 2537

Delta R.T. -0.00 min

Lab File: VU029836.D

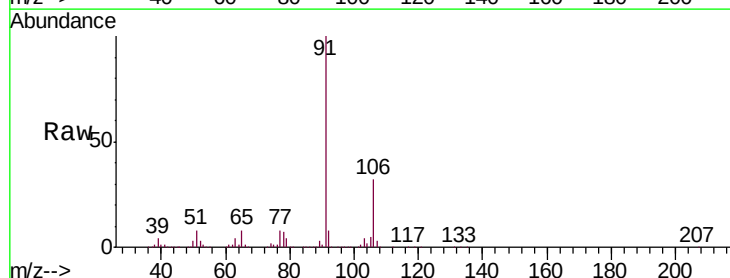
Acq: 06 Mar 2019 13:03

Tgt Ion: 91 Resp: 981003

Ion Ratio Lower Upper

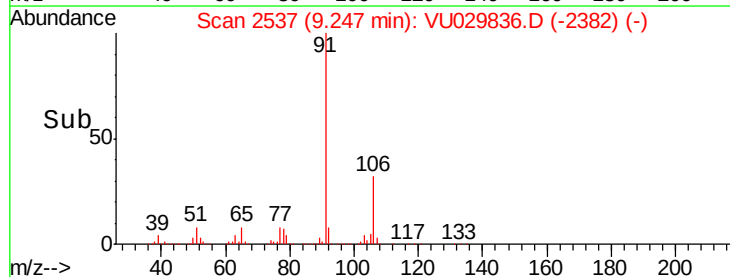
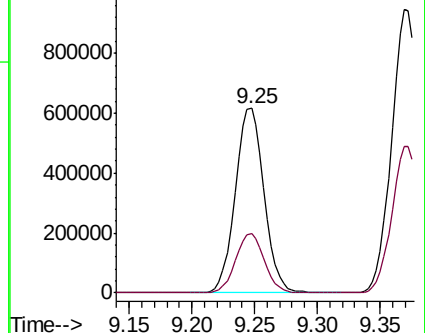
91 100

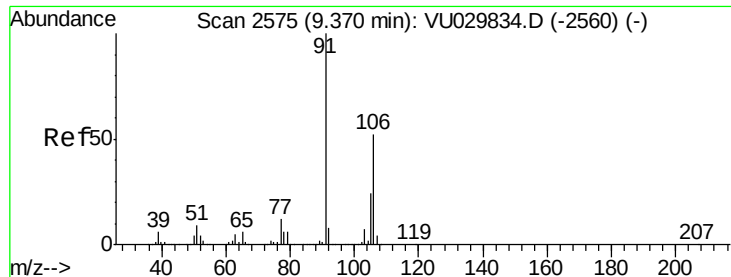
106 32.1 25.7 38.5



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 106.00 (105.70 to 106.70): V





#64

m/p-Xylenes

Concen: 23.063 ug/l

RT: 9.37 min Scan# 2575

Delta R.T. -0.00 min

Lab File: VU029836.D

Acq: 06 Mar 2019 13:03

Instrument :

MSVOA_U

ClientSampleId :

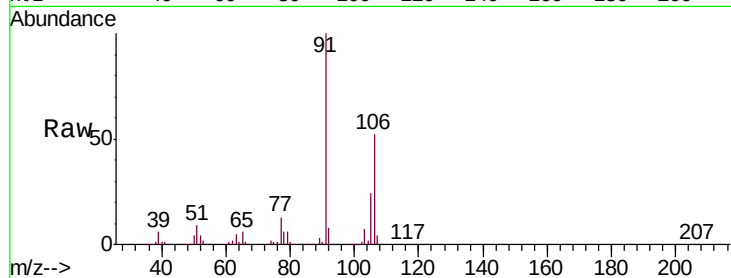
ICVVU030719

Tgt Ion:106 Resp: 795966

Ion Ratio Lower Upper

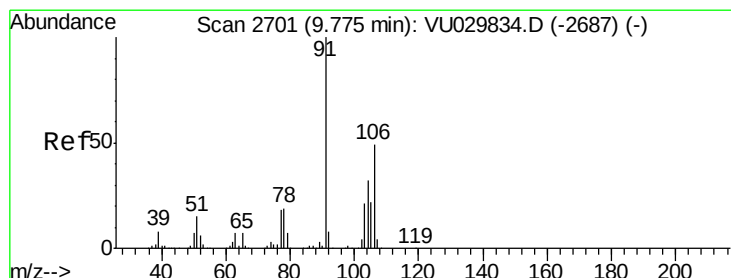
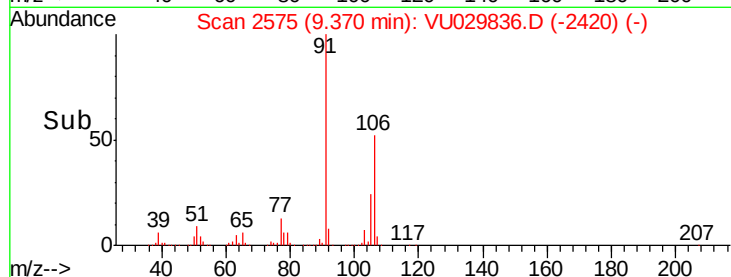
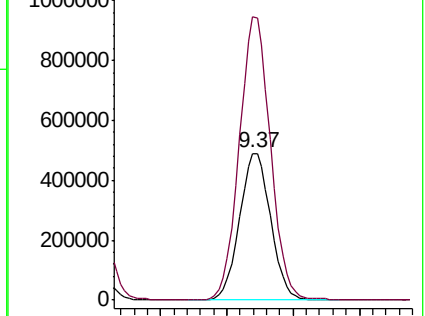
106 100

91 193.8 155.3 232.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#65

o-Xylene

Concen: 11.483 ug/l

RT: 9.77 min Scan# 2701

Delta R.T. -0.00 min

Lab File: VU029836.D

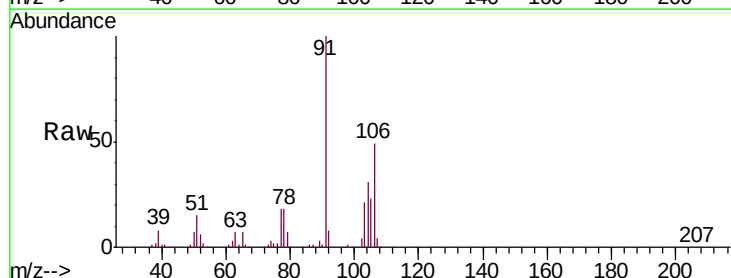
Acq: 06 Mar 2019 13:03

Tgt Ion:106 Resp: 380619

Ion Ratio Lower Upper

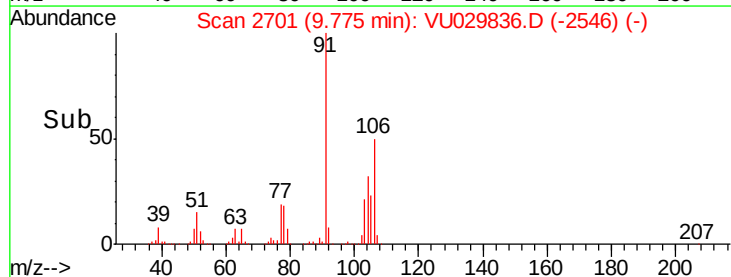
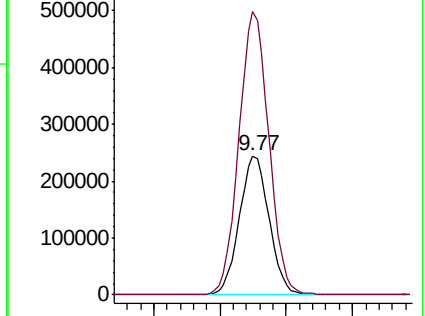
106 100

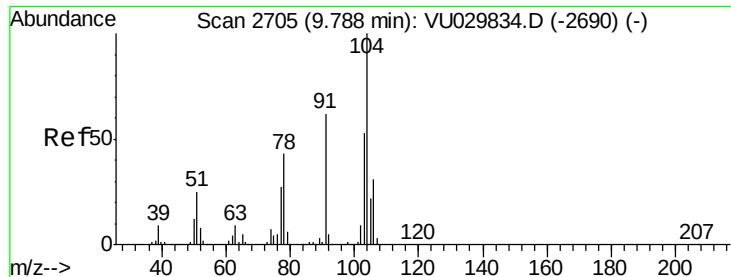
91 204.9 102.8 308.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0

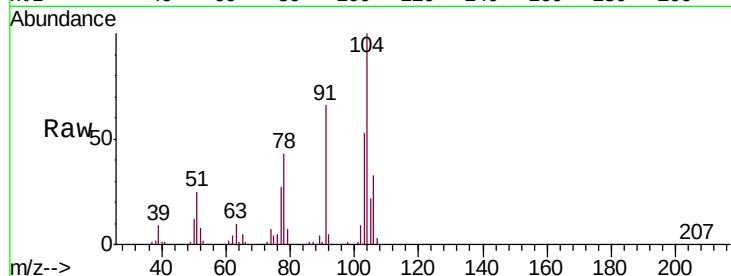




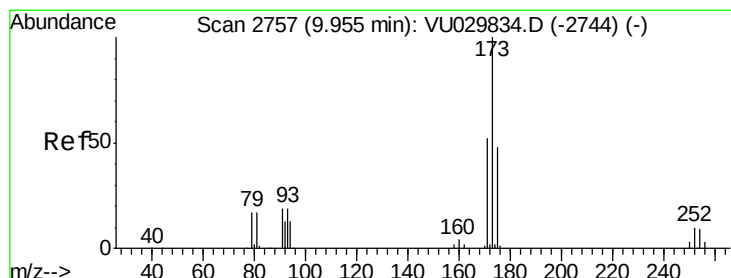
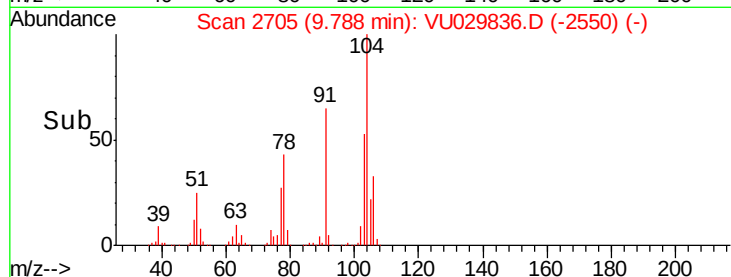
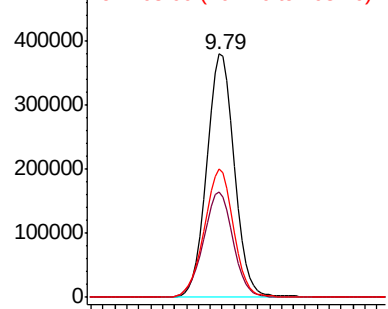
#66
Styrene
Concen: 11.155 ug/l
RT: 9.79 min Scan# 2705
Delta R.T. -0.00 min
Lab File: VU029836.D
Acq: 06 Mar 2019 13:03

Instrument :
MSVOA_U
ClientSampleId :
ICVVU030719

Tgt Ion:104 Resp: 614286
Ion Ratio Lower Upper
104 100
78 46.7 37.2 55.8
103 55.8 44.7 67.1

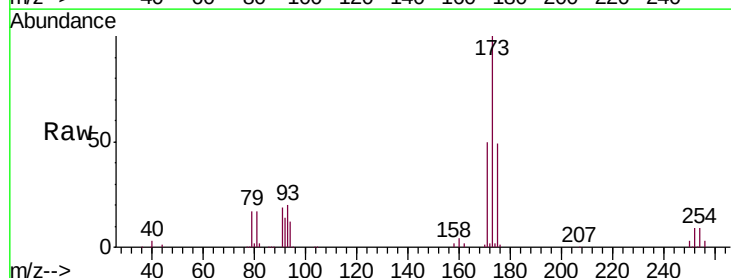


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V

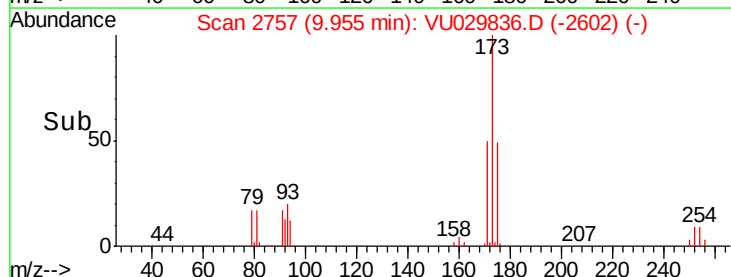
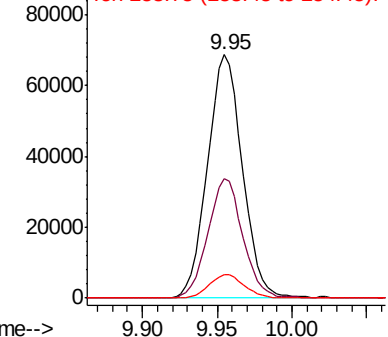


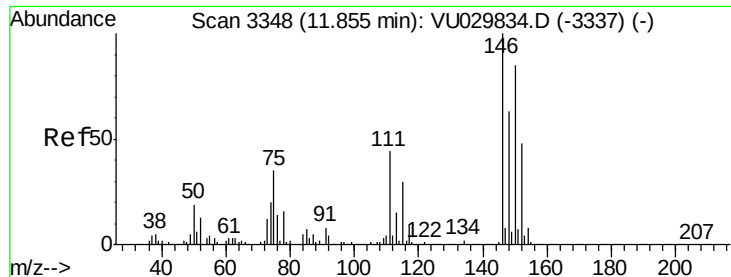
#67
Bromoform
Concen: 10.942 ug/l
RT: 9.95 min Scan# 2757
Delta R.T. -0.00 min
Lab File: VU029836.D
Acq: 06 Mar 2019 13:03

Tgt Ion:173 Resp: 111844
Ion Ratio Lower Upper
173 100
175 49.2 38.6 57.8
254 9.6 7.4 11.2



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

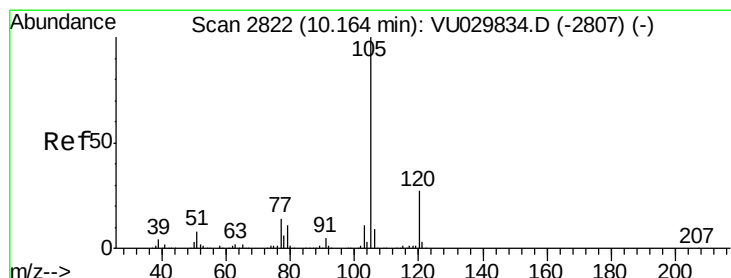
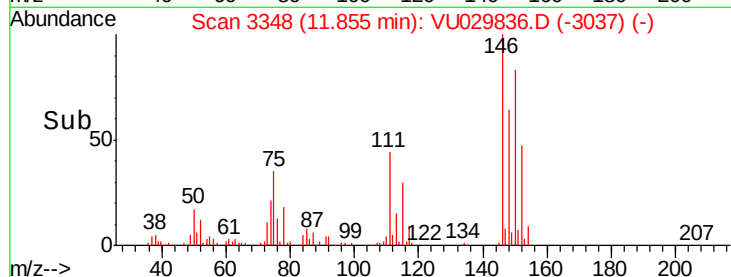
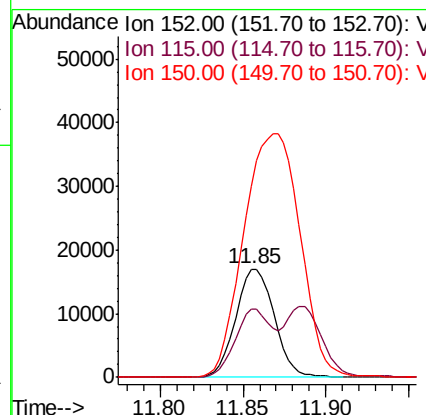
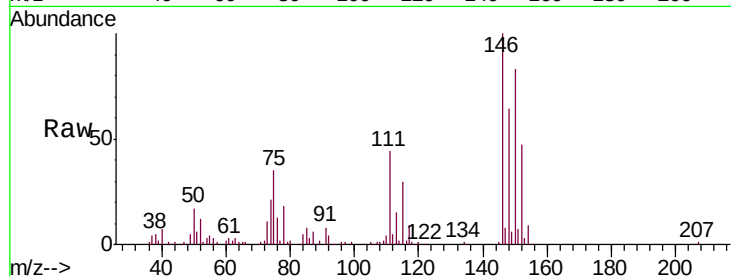




#68
 1,2-Dichlorobenzene-d4
 Concen: 10.942 ug/l
 RT: 11.85 min Scan# 3348
 Delta R.T. -0.00 min
 Lab File: VU029836.D
 Acq: 06 Mar 2019 13:03

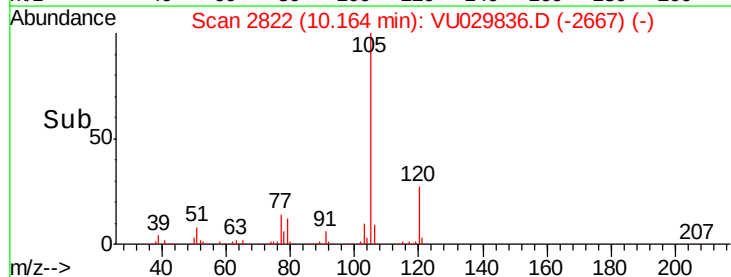
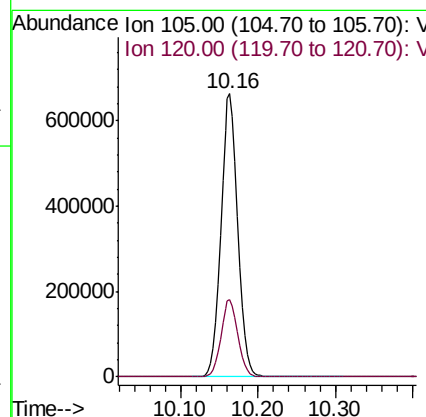
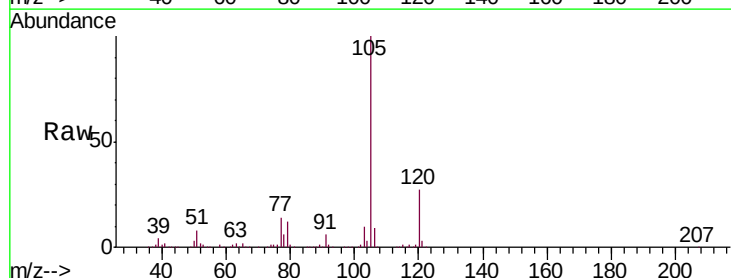
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU030719

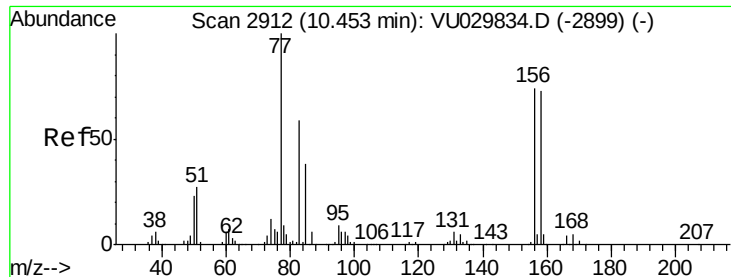
Tgt Ion:152 Resp: 27598
 Ion Ratio Lower Upper
 152 100
 115 61.0 0.0 124.0
 150 0.0 0.0 631.2



#69
 Isopropylbenzene
 Concen: 11.604 ug/l
 RT: 10.16 min Scan# 2822
 Delta R.T. -0.00 min
 Lab File: VU029836.D
 Acq: 06 Mar 2019 13:03

Tgt Ion:105 Resp: 1019979
 Ion Ratio Lower Upper
 105 100
 120 27.5 13.5 40.5





#70

1,1,2,2-Tetrachloroethane

Concen: 10.348 ug/l

RT: 10.45 min Scan# 2912

Delta R.T. -0.00 min

Lab File: VU029836.D

Acq: 06 Mar 2019 13:03

Instrument :

MSVOA_U

ClientSampleId :

ICVVU030719

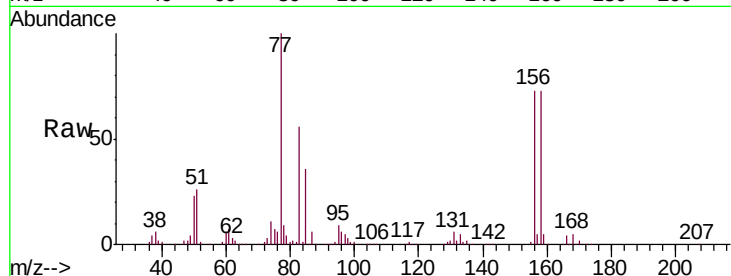
Tgt Ion: 83 Resp: 185052

Ion Ratio Lower Upper

83 100

131 10.6 8.3 12.5

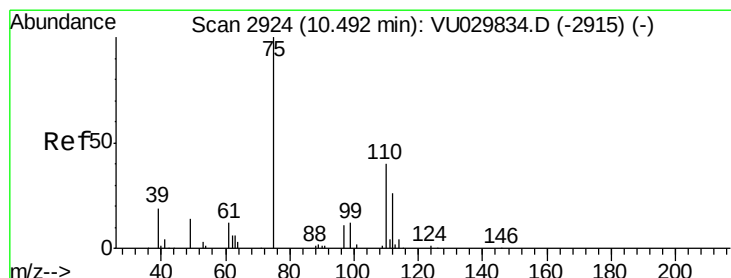
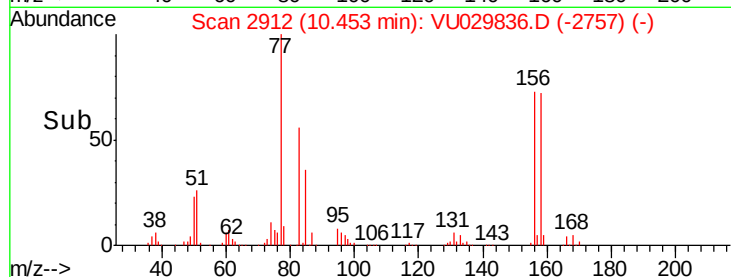
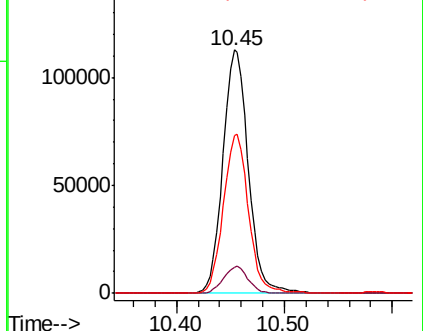
85 64.8 52.5 78.7



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 131.00 (130.70 to 131.70): VU0

Ion 85.00 (84.70 to 85.70): VU0



#71

1,2,3-Trichloropropane

Concen: 13.959 ug/l

RT: 10.49 min Scan# 2924

Delta R.T. -0.00 min

Lab File: VU029836.D

Acq: 06 Mar 2019 13:03

Tgt Ion: 75 Resp: 185524

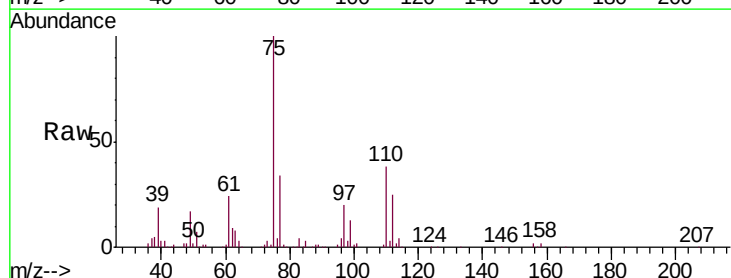
Ion Ratio Lower Upper

75 100

77 32.1 0.0 16.4#

110 27.4 0.0 74.8

97 14.2 0.0 39.4

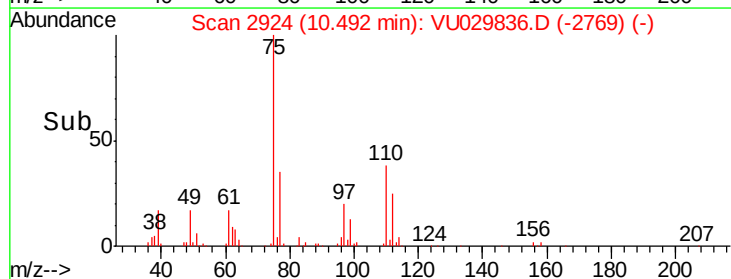
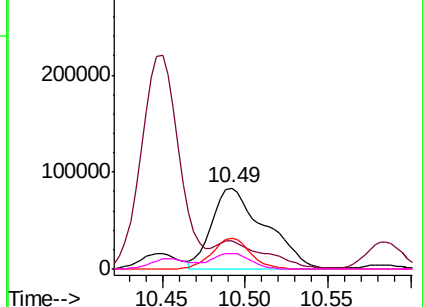


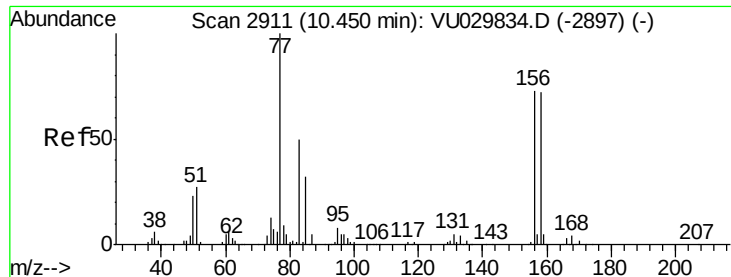
Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

Ion 110.00 (109.70 to 110.70): VU0

Ion 97.00 (96.70 to 97.70): VU0





#72

Bromobenzene

Concen: 10.988 ug/l

RT: 10.45 min Scan# 2911

Delta R.T. -0.00 min

Lab File: VU029836.D

Acq: 06 Mar 2019 13:03

Instrument :

MSVOA_U

ClientSampleId :

ICVVU030719

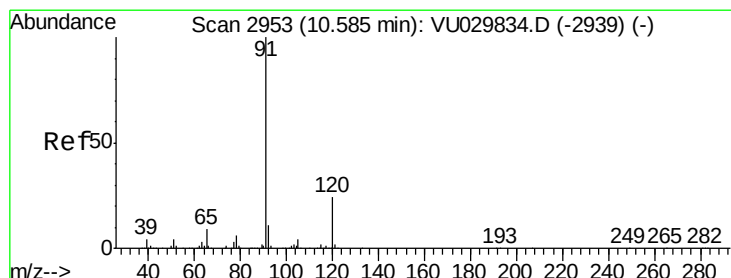
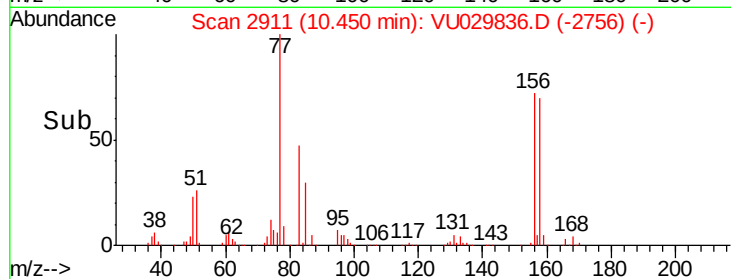
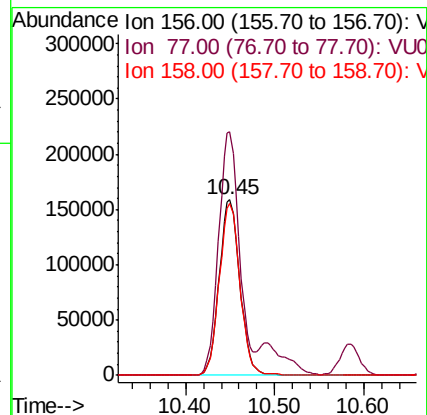
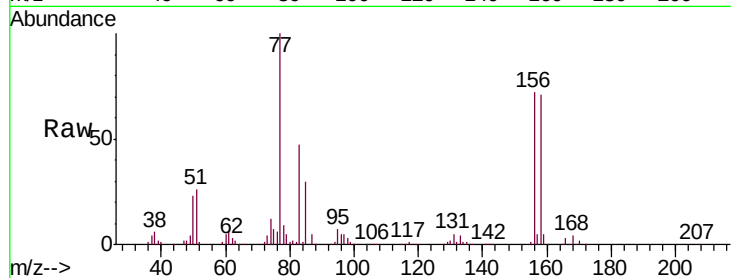
Tgt Ion:156 Resp: 255635

Ion Ratio Lower Upper

156 100

77 139.1 0.0 282.2

158 98.0 0.0 196.2



#73

n-propylbenzene

Concen: 11.694 ug/l

RT: 10.58 min Scan# 2953

Delta R.T. -0.00 min

Lab File: VU029836.D

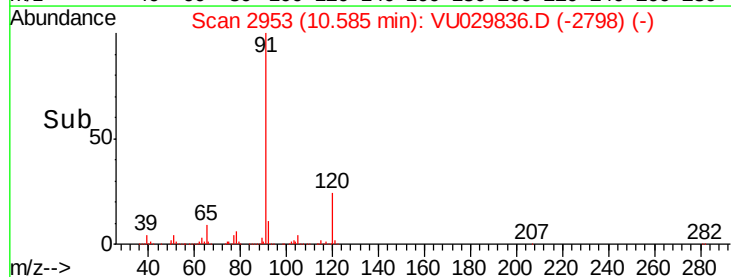
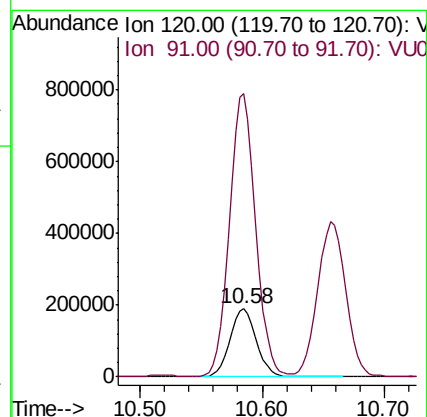
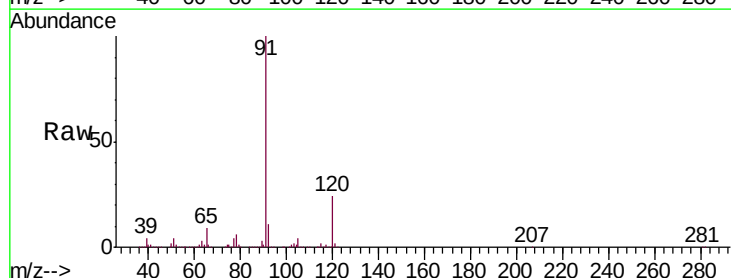
Acq: 06 Mar 2019 13:03

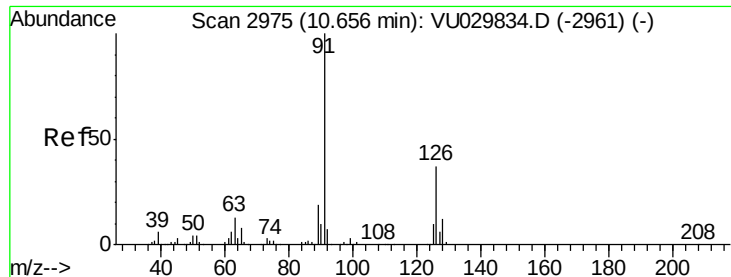
Tgt Ion:120 Resp: 288955

Ion Ratio Lower Upper

120 100

91 410.6 333.4 500.2





#74

2-Chlorotoluene

Concen: 10.958 ug/l

RT: 10.66 min Scan# 2975

Delta R.T. -0.00 min

Lab File: VU029836.D

Acq: 06 Mar 2019 13:03

Instrument :

MSVOA_U

ClientSampleId :

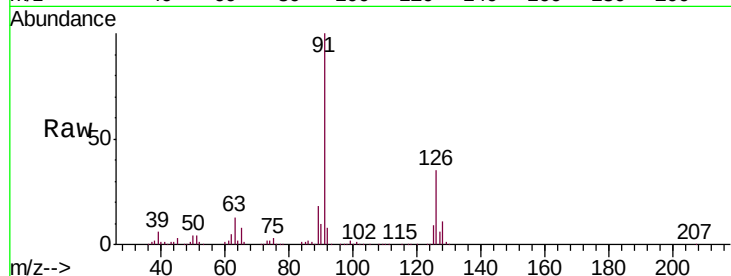
ICVVU030719

Tgt Ion:126 Resp: 240184

Ion Ratio Lower Upper

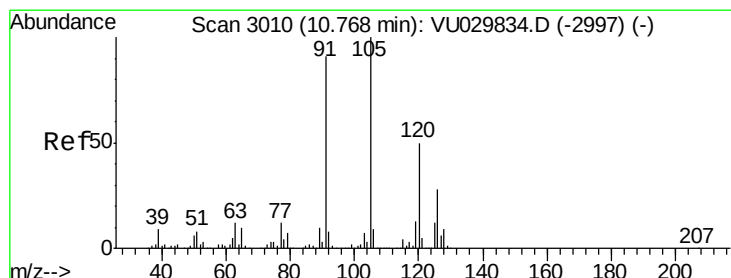
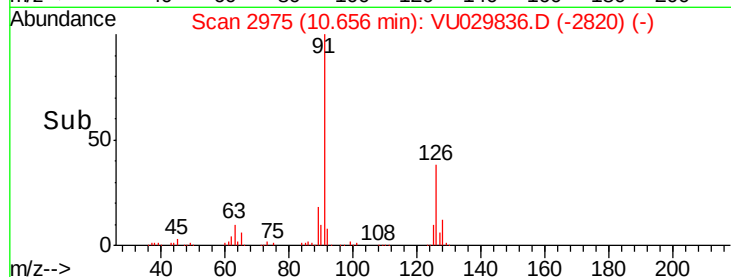
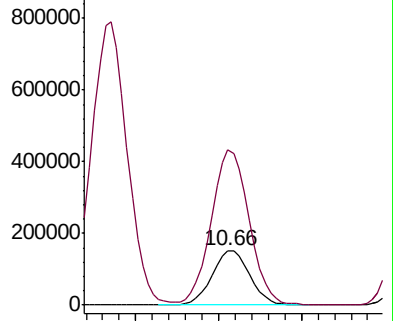
126 100

91 285.6 0.0 569.0



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: 11.662 ug/l

RT: 10.77 min Scan# 3010

Delta R.T. -0.00 min

Lab File: VU029836.D

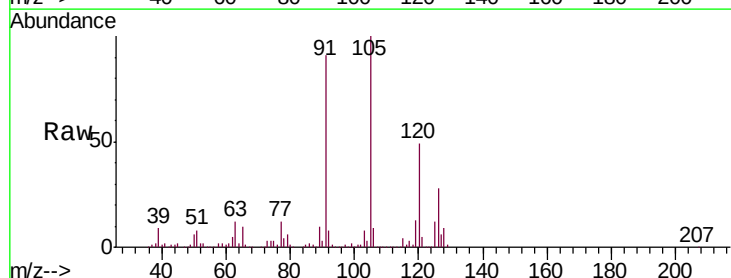
Acq: 06 Mar 2019 13:03

Tgt Ion:105 Resp: 863496

Ion Ratio Lower Upper

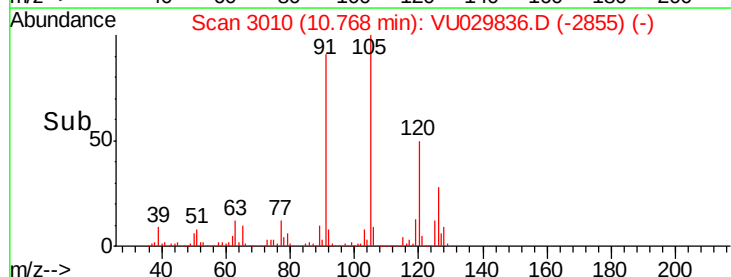
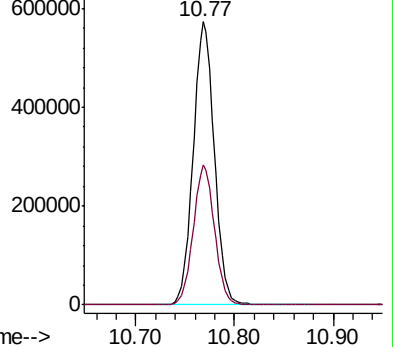
105 100

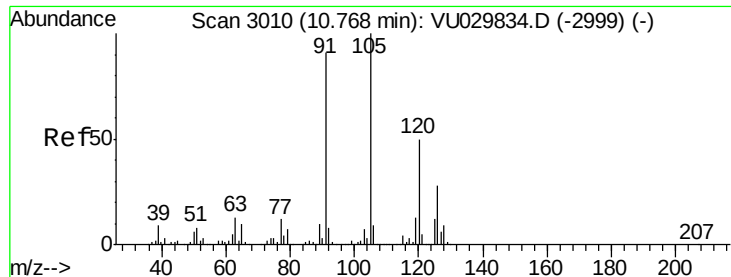
120 49.8 40.0 60.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

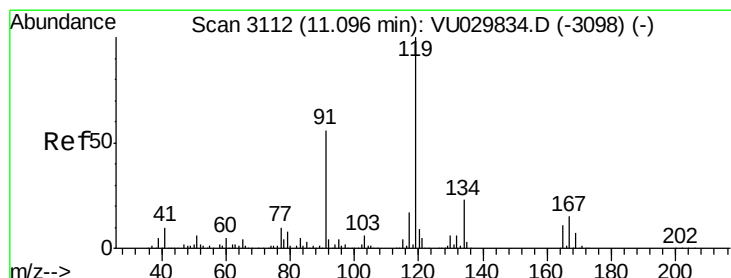
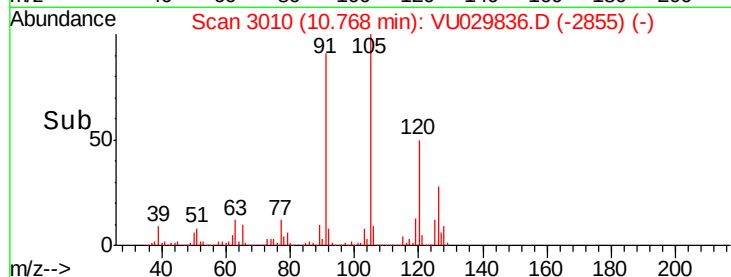
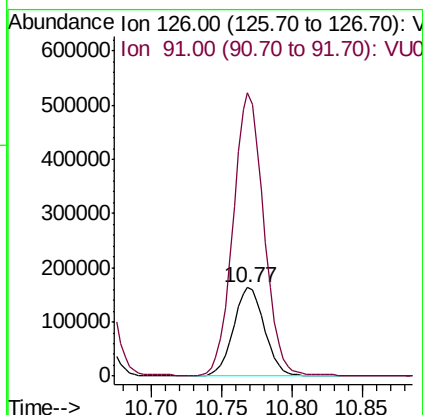
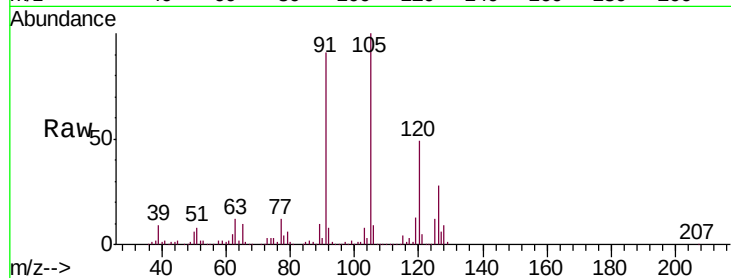




#76
4-Chlorotoluene
Concen: 11.188 ug/l
RT: 10.77 min Scan# 3010
Delta R.T. -0.00 min
Lab File: VU029836.D
Acq: 06 Mar 2019 13:03

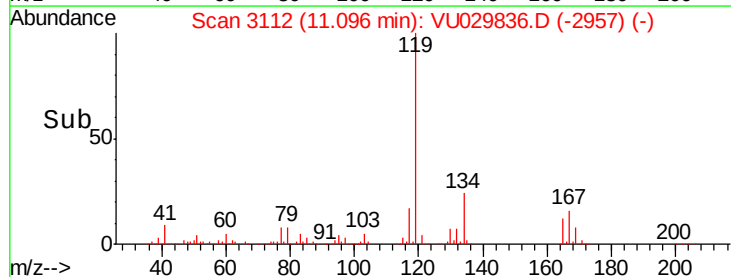
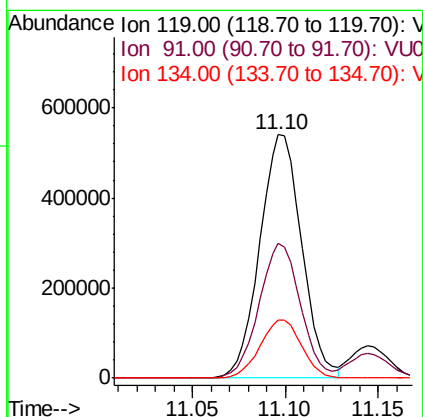
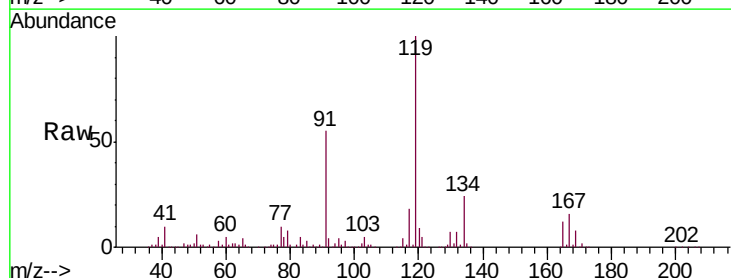
Instrument :
MSVOA_U
ClientSampleId :
ICVVU030719

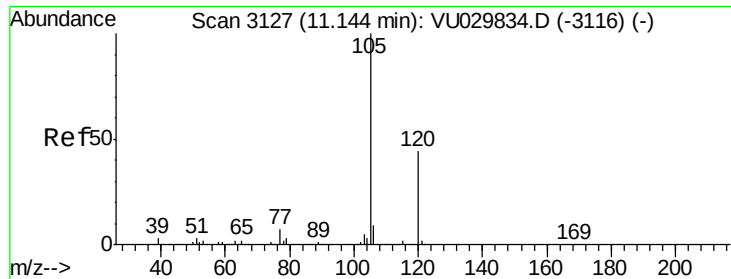
Tgt Ion:126 Resp: 250061
Ion Ratio Lower Upper
126 100
91 317.9 0.0 634.8



#77
tert-Butylbenzene
Concen: 11.574 ug/l
RT: 11.10 min Scan# 3112
Delta R.T. -0.00 min
Lab File: VU029836.D
Acq: 06 Mar 2019 13:03

Tgt Ion:119 Resp: 847930
Ion Ratio Lower Upper
119 100
91 54.4 27.7 83.1
134 23.6 18.7 28.1





#78

1,2,4-Trimethylbenzene

Concen: 11.717 ug/l

RT: 11.14 min Scan# 3127

Delta R.T. -0.00 min

Lab File: VU029836.D

Acq: 06 Mar 2019 13:03

Instrument :

MSVOA_U

ClientSampleId :

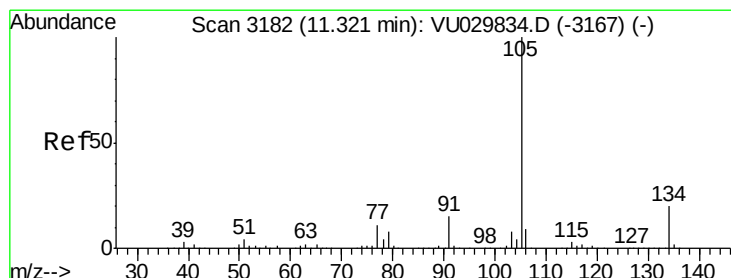
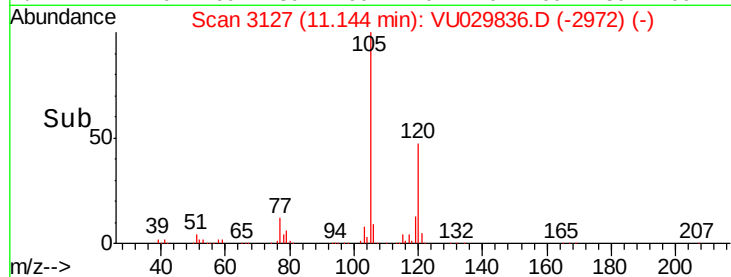
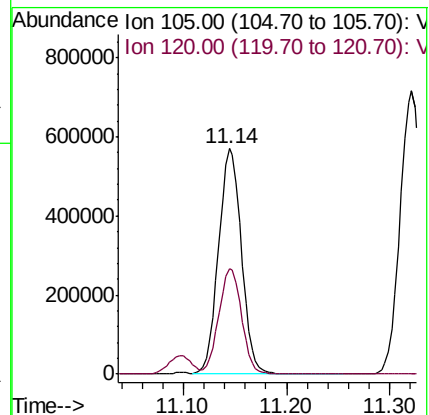
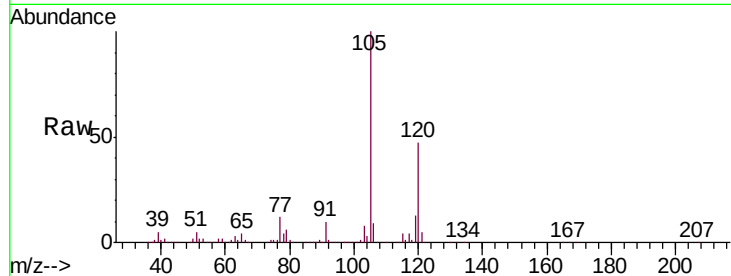
ICVVU030719

Tgt Ion:105 Resp: 876735

Ion Ratio Lower Upper

105 100

120 46.7 23.5 70.5



#79

sec-Butylbenzene

Concen: 11.210 ug/l

RT: 11.32 min Scan# 3182

Delta R.T. -0.00 min

Lab File: VU029836.D

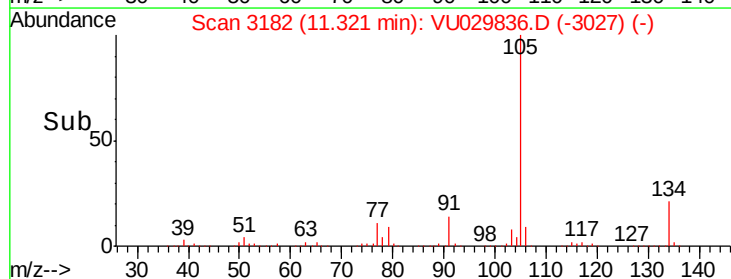
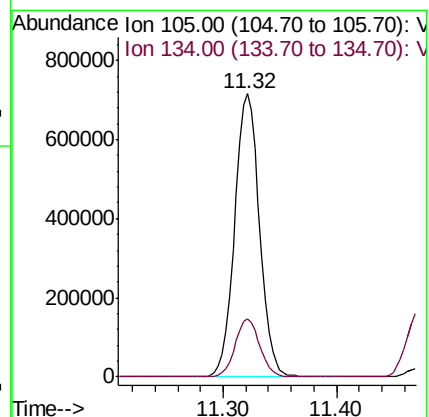
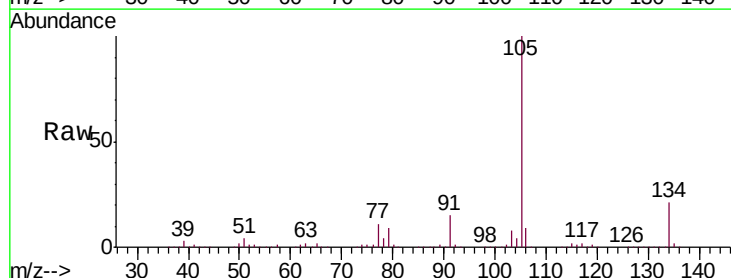
Acq: 06 Mar 2019 13:03

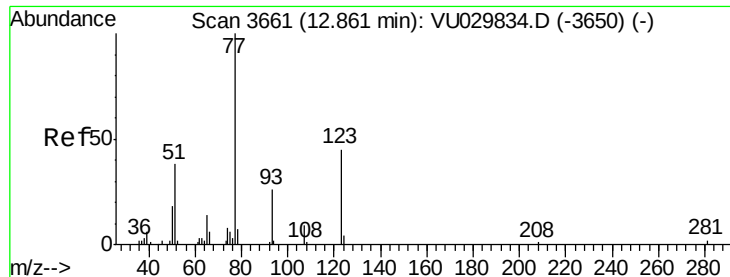
Tgt Ion:105 Resp: 1088466

Ion Ratio Lower Upper

105 100

134 20.4 16.3 24.5





#80

Nitrobenzene

Concen: 10.741 ug/l

RT: 12.86 min Scan# 3662

Delta R.T. 0.00 min

Lab File: VU029836.D

Acq: 06 Mar 2019 13:03

Instrument :

MSVOA_U

ClientSampleId :

ICVVU030719

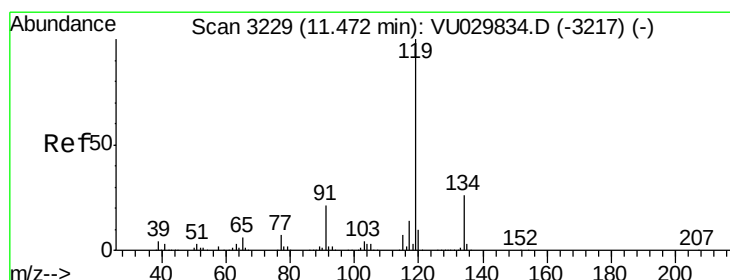
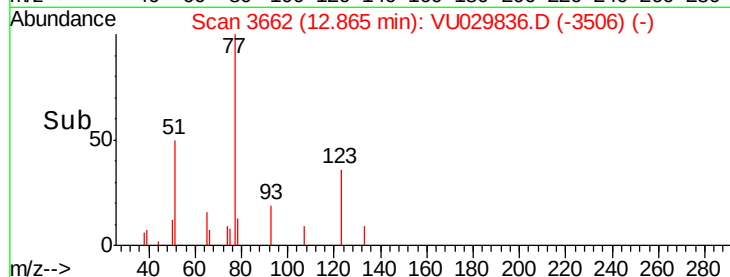
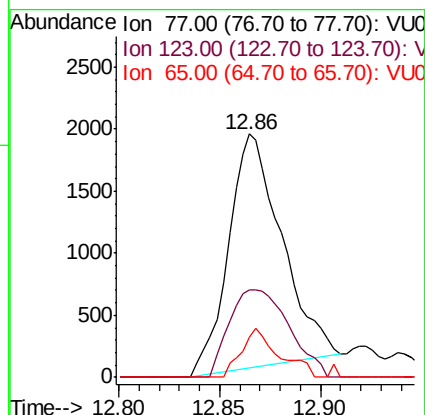
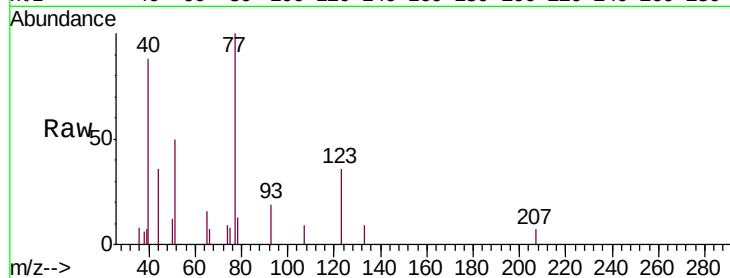
Tgt Ion: 77 Resp: 3487

Ion Ratio Lower Upper

77 100

123 41.9 20.2 71.4

65 0.0 14.0 17.8#



#81

p-Isopropyltoluene

Concen: 11.794 ug/l

RT: 11.47 min Scan# 3229

Delta R.T. -0.00 min

Lab File: VU029836.D

Acq: 06 Mar 2019 13:03

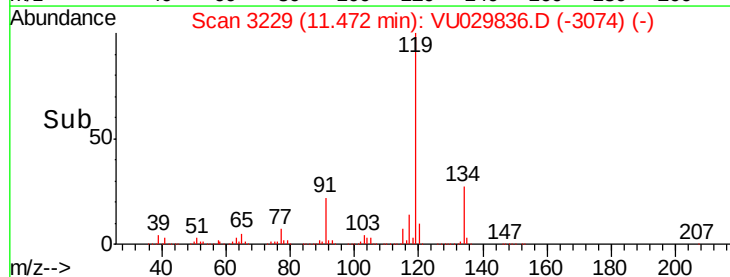
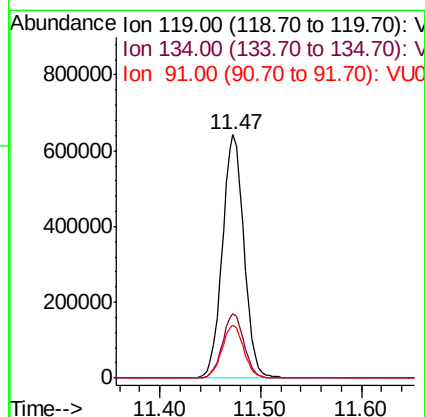
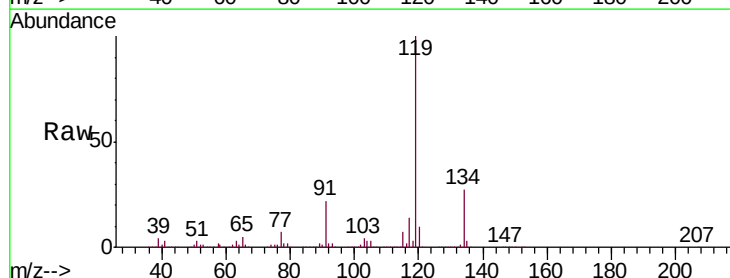
Tgt Ion: 119 Resp: 958703

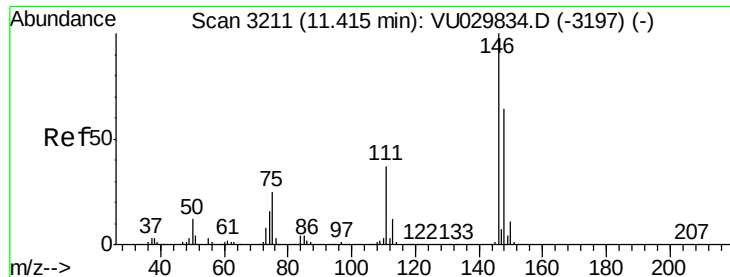
Ion Ratio Lower Upper

119 100

134 26.6 21.2 31.8

91 22.0 17.2 25.8

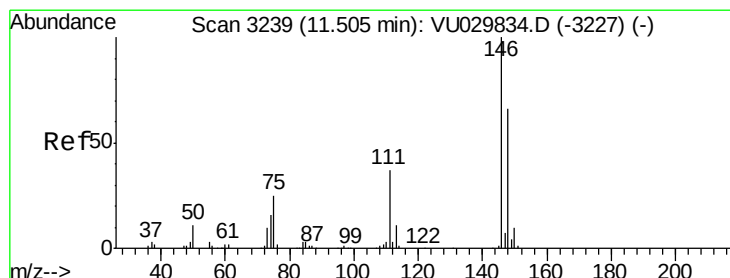
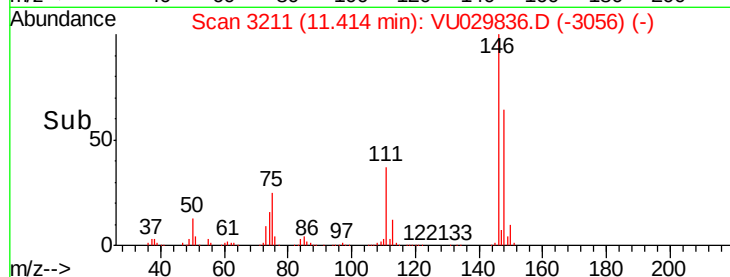
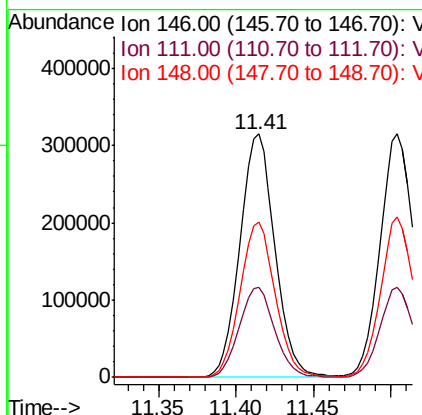
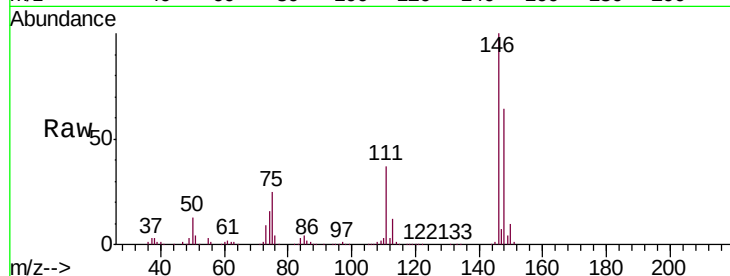




#82
 1,3-Dichlorobenzene
 Concen: 10.763 ug/l
 RT: 11.41 min Scan# 3211
 Delta R.T. -0.00 min
 Lab File: VU029836.D
 Acq: 06 Mar 2019 13:03

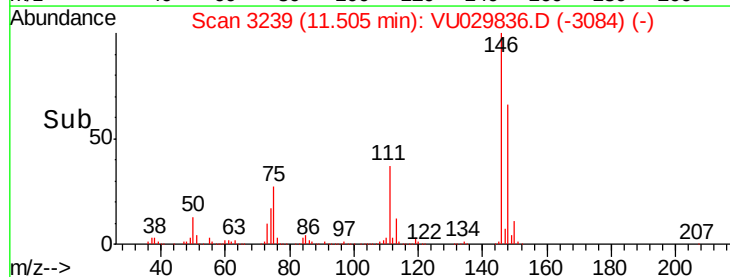
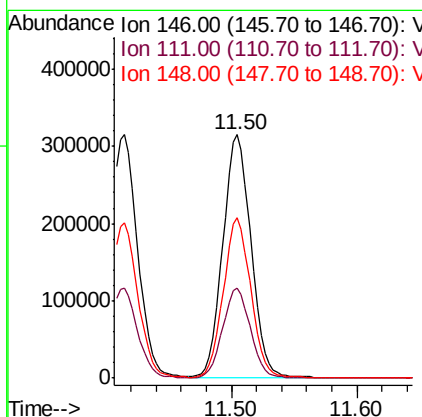
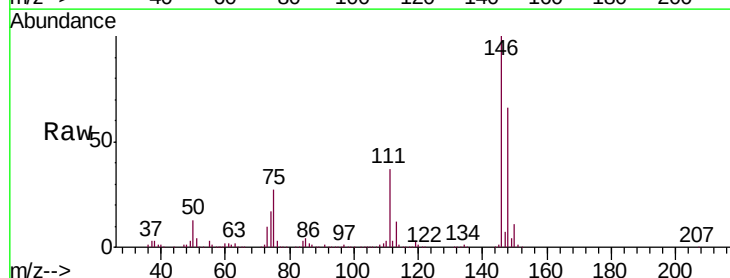
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU030719

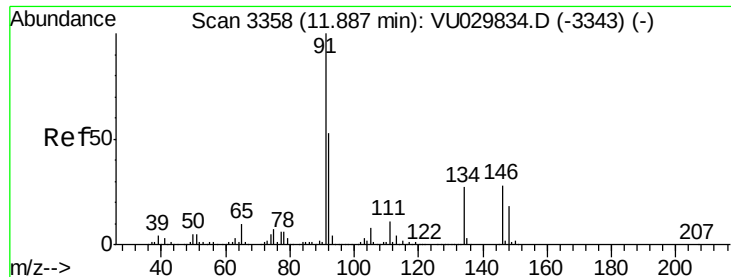
Tgt Ion:146 Resp: 495909
 Ion Ratio Lower Upper
 146 100
 111 37.5 30.2 45.4
 148 64.0 51.2 76.8



#83
 1,4-Dichlorobenzene
 Concen: 10.880 ug/l
 RT: 11.50 min Scan# 3239
 Delta R.T. -0.00 min
 Lab File: VU029836.D
 Acq: 06 Mar 2019 13:03

Tgt Ion:146 Resp: 489867
 Ion Ratio Lower Upper
 146 100
 111 36.4 29.4 44.2
 148 64.5 51.7 77.5





#84

n-Butylbenzene

Concen: 11.719 ug/l

RT: 11.89 min Scan# 3358

Delta R.T. -0.00 min

Lab File: VU029836.D

Acq: 06 Mar 2019 13:03

Instrument :

MSVOA_U

ClientSampleId :

ICVVU030719

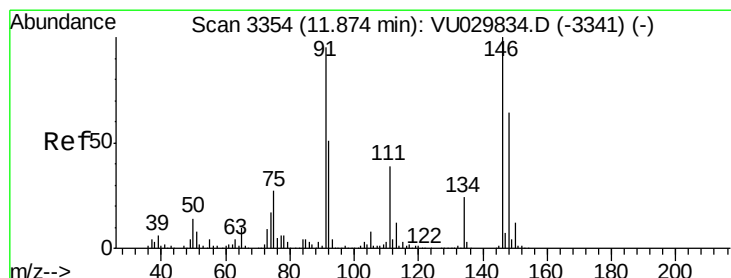
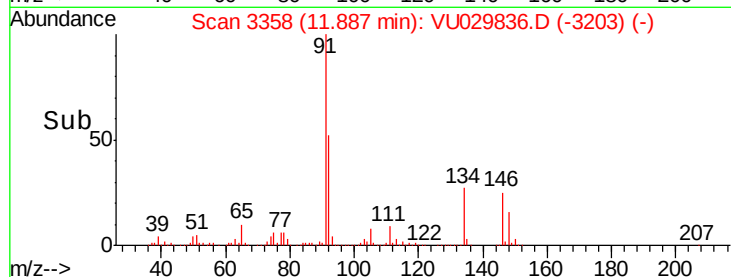
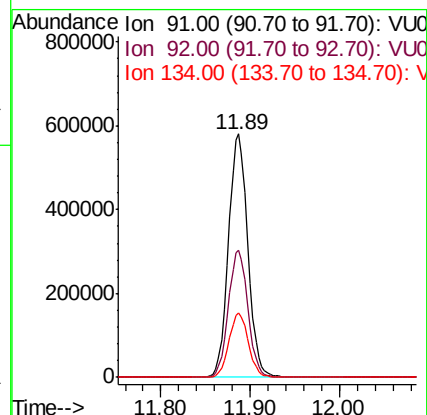
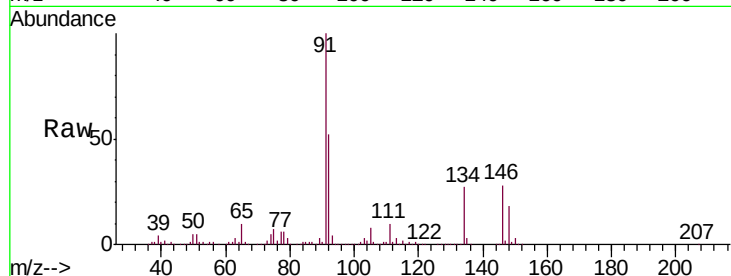
Tgt Ion: 91 Resp: 867949

Ion Ratio Lower Upper

91 100

92 52.8 42.6 63.8

134 26.7 21.7 32.5



#85

1,2-Dichlorobenzene

Concen: 10.635 ug/l

RT: 11.87 min Scan# 3354

Delta R.T. -0.00 min

Lab File: VU029836.D

Acq: 06 Mar 2019 13:03

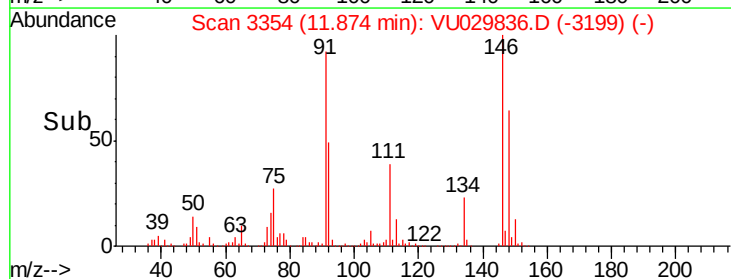
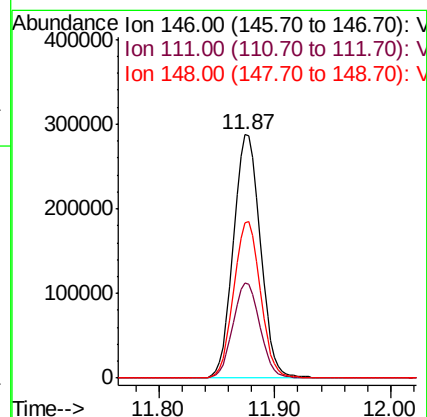
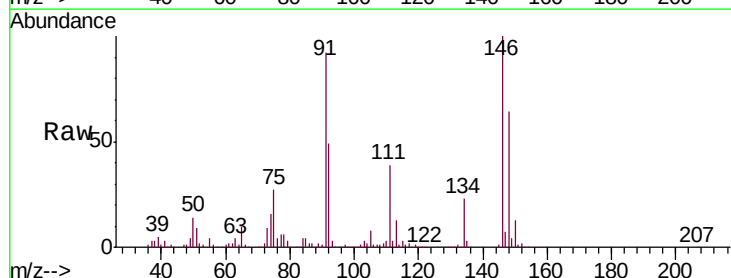
Tgt Ion: 146 Resp: 462062

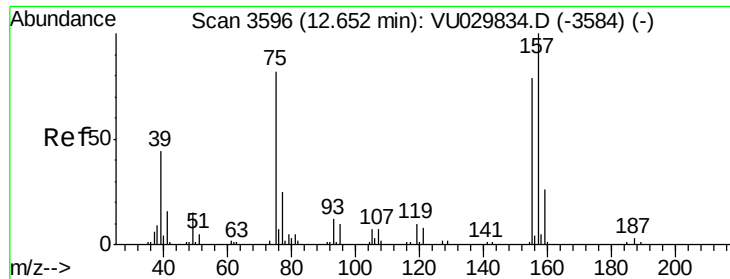
Ion Ratio Lower Upper

146 100

111 39.1 19.9 59.6

148 63.6 32.1 96.3





#86

1,2-Dibromo-3-Chloropropane

Concen: 10.839 ug/l

RT: 12.65 min Scan# 3596

Delta R.T. -0.00 min

Lab File: VU029836.D

Acq: 06 Mar 2019 13:03

Instrument :

MSVOA_U

ClientSampleId :

ICVVU030719

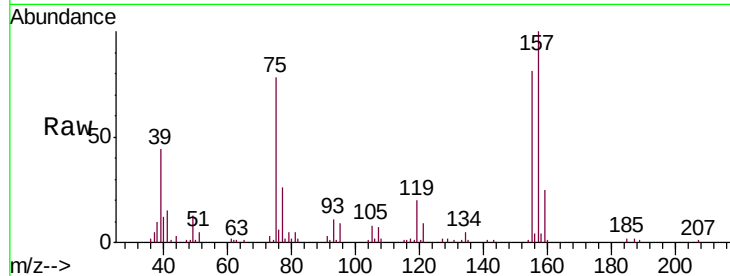
Tgt Ion: 75 Resp: 27676

Ion Ratio Lower Upper

75 100

155 104.3 76.6 114.8

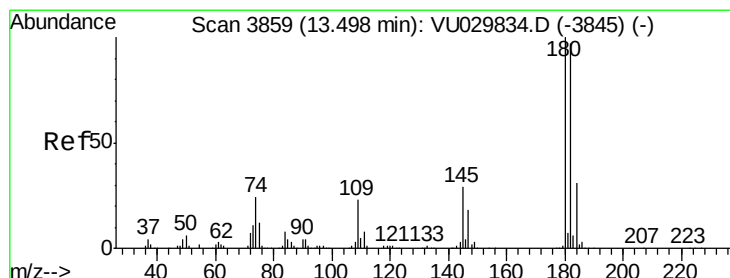
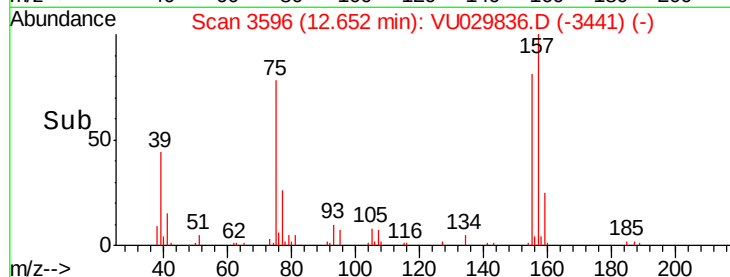
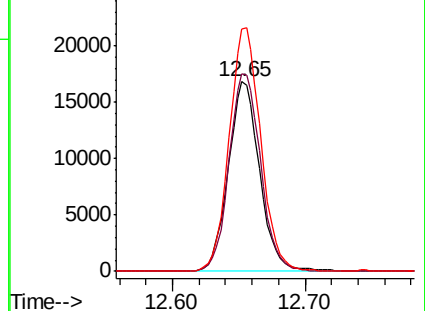
157 128.4 96.2 144.2



Abundance Ion 75.00 (74.70 to 75.70): VU029834.D (-3584) (-)

Ion 155.00 (154.70 to 155.70): VU029834.D (-3584) (-)

Ion 157.00 (156.70 to 157.70): VU029834.D (-3584) (-)



#87

1,2,4-Trichlorobenzene

Concen: 12.220 ug/l

RT: 13.50 min Scan# 3860

Delta R.T. 0.00 min

Lab File: VU029836.D

Acq: 06 Mar 2019 13:03

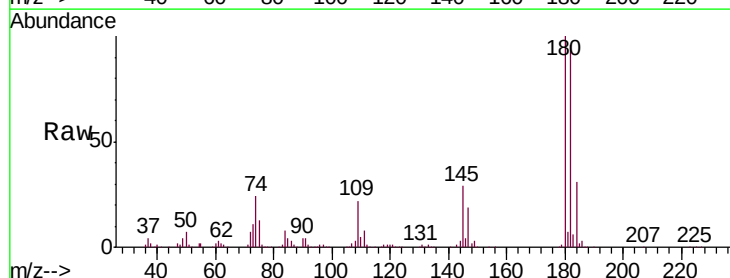
Tgt Ion: 180 Resp: 340006

Ion Ratio Lower Upper

180 100

182 95.0 77.5 116.3

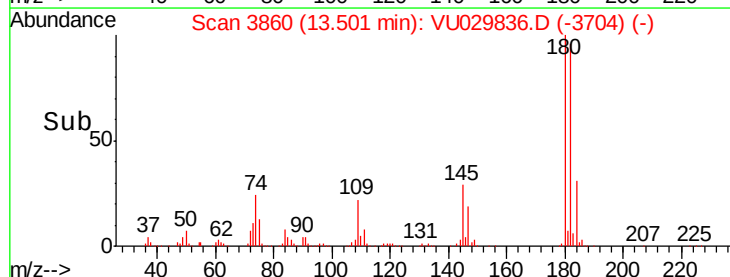
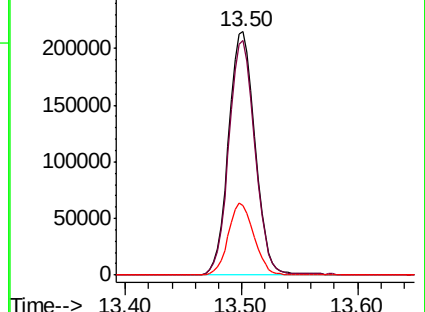
145 28.6 23.6 35.4

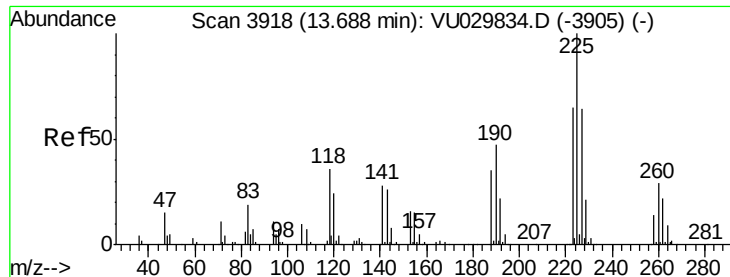


Abundance Ion 179.70 (179.40 to 180.40): VU029834.D (-3845) (-)

Ion 181.80 (181.50 to 182.50): VU029834.D (-3845) (-)

Ion 144.80 (144.50 to 145.50): VU029834.D (-3845) (-)





#88

Hexachlorobutadiene

Concen: 11.123 ug/l

RT: 13.69 min Scan# 3918

Delta R.T. -0.00 min

Lab File: VU029836.D

Acq: 06 Mar 2019 13:03

Instrument :

MSVOA_U

ClientSampleId :

ICVVU030719

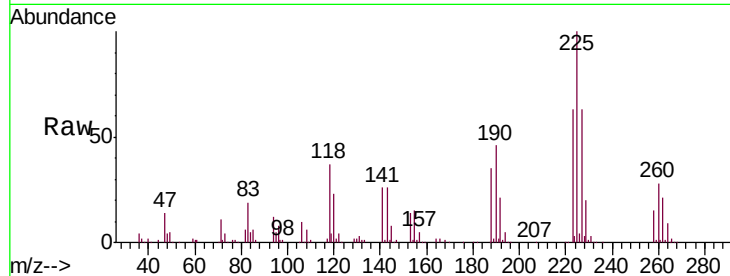
Tgt Ion:225 Resp: 194950

Ion Ratio Lower Upper

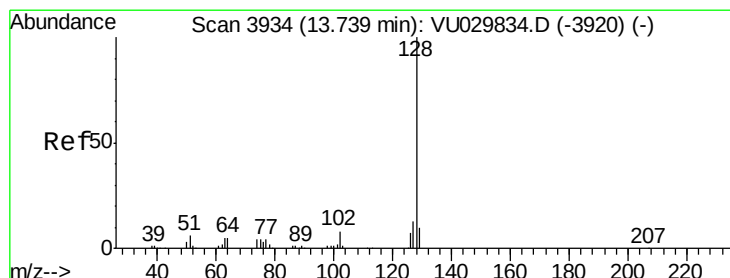
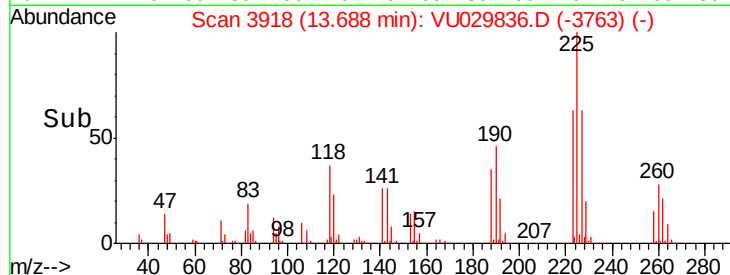
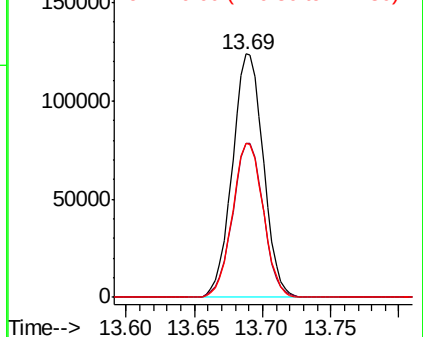
225 100

223 62.8 51.2 76.8

227 62.9 50.9 76.3



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: 10.817 ug/l

RT: 13.74 min Scan# 3934

Delta R.T. 0.00 min

Lab File: VU029836.D

Acq: 06 Mar 2019 13:03

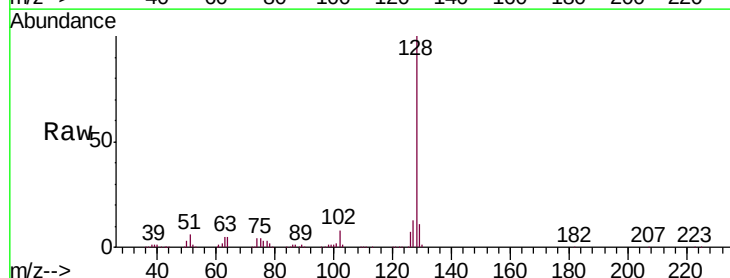
Tgt Ion:128 Resp: 584797

Ion Ratio Lower Upper

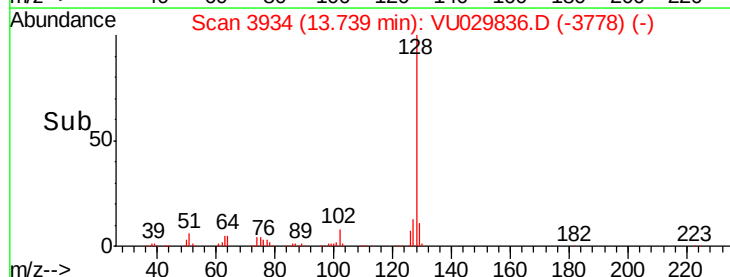
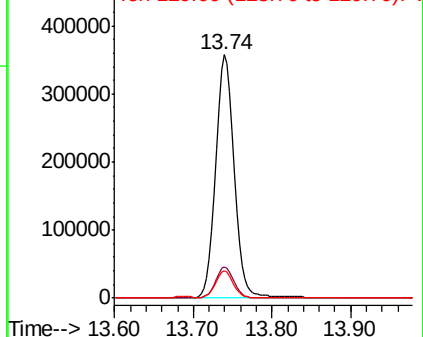
128 100

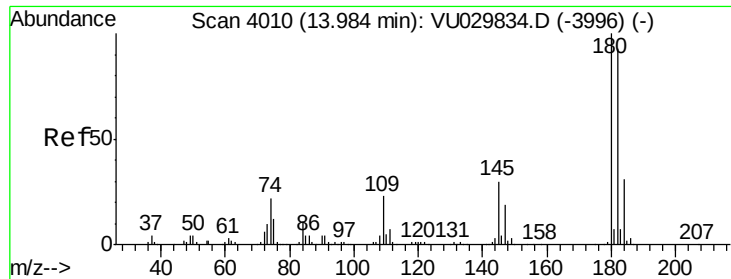
127 12.5 10.2 15.4

129 10.3 8.2 12.4



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

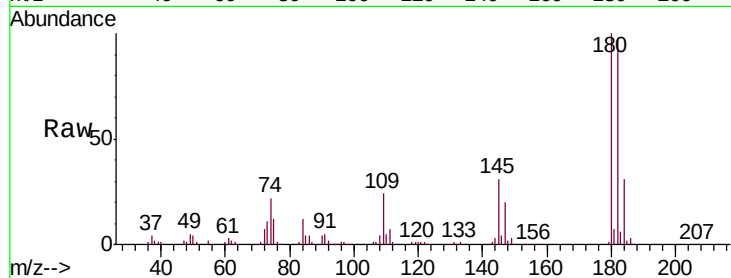




#90
 1,2,3-Trichlorobenzene
 Concen: 11.724 ug/l
 RT: 13.98 min Scan# 4010
 Delta R.T. -0.00 min
 Lab File: VU029836.D
 Acq: 06 Mar 2019 13:03

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU030719

Tgt Ion:	180	Resp:	306467
Ion	Ratio	Lower	Upper
180	100		
182	96.0	74.8	112.2
145	31.1	24.6	36.8



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

