

Data File : VU029844.D
Acq On : 07 Mar 2019 09:47
Operator : JC/SP
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Quant Time: Mar 08 01:07:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U030719DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Mar 08 00:30:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.74	96	77972	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.31	95	30886	1.10	ug/l	0.00
Spiked Amount	1.000		Recovery	=	110.00%	
68) 1,2-Dichlorobenzene-d4	11.85	152	31354	0.96	ug/l	0.00
Spiked Amount	1.000		Recovery	=	96.00%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	225546	8.645	ug/l 99
3) Chloromethane	1.33	50	196640	8.464	ug/l 99
4) Vinyl Chloride	1.40	62	230682	8.826	ug/l 100
5) Bromomethane	1.62	94	128298	7.188	ug/l 99
6) Chloroethane	1.69	64	138345	8.828	ug/l 97
7) Trichlorofluoromethane	1.88	101	317416	8.912	ug/l 96
8) 1,1,2-Trichloro-1,2,2-trif	2.28	101	181545	8.762	ug/l 98
9) 1,1-Dichloroethene	2.28	96	178491	8.801	ug/l 99
10) Iodomethane	2.41	142	199197	8.859	ug/l 100
11) Allyl Chloride	2.59	41	247904	8.695	ug/l 99
12) Acrylonitrile	2.93	53	75431	17.057	ug/l 99
13) Acetone	2.32	43	169158	46.185	ug/l 100
14) Carbon Disulfide	2.47	76	566471	8.625	ug/l 99
15) Methylene Chloride	2.69	84	201035	8.261	ug/l 97
16) trans-1,2-Dichloroethene	2.97	96	198627	8.670	ug/l 99
17) 1,1-Dichloroethane	3.44	63	348679	9.096	ug/l 99
18) 2-Butanone	4.27	43	237073	47.629	ug/l 99
19) Cyclohexane	4.98	56	237523	7.980	ug/l 99
20) Methylcyclohexane	6.41	83	332119	9.581	ug/l 100
21) 2,2-Dichloropropane	4.22	77	284238	9.072	ug/l 100
22) cis-1,2-Dichloroethene	4.22	96	220911	9.098	ug/l 99
23) Diethyl Ether	2.10	59	134143	8.822	ug/l 99
24) tert-Butyl Alcohol	2.83	59	139286	88.803	ug/l 98
25) Methyl tert-Butyl Ether	3.00	73	454368	8.896	ug/l 100
26) Bromochloromethane	4.54	128	96927	8.992	ug/l 99
27) Chloroform	4.67	83	350165	9.021	ug/l 97
28) 1,1,1-Trichloroethane	4.91	97	299187	9.091	ug/l 98
29) 1,1-Dichloropropene	5.13	75	263366	9.005	ug/l 98
30) Carbon Tetrachloride	5.13	117	268841	9.363	ug/l 97
31) Isopropyl Ether	3.57	45	479385	9.067	ug/l 99
32) Ethyl-t-butyl ether	4.07	59	474529	9.234	ug/l 100
33) Tert-Amyl methyl ether	5.58	73	448434	9.436	ug/l 99
34) Propionitrile	4.33	54	67185	45.376	ug/l 97
35) Benzene	5.38	78	785972	9.123	ug/l 100
36) 1,2-Dichloroethane	5.40	62	209358	8.897	ug/l 99
37) Trichloroethene	6.18	130	222537	8.847	ug/l 99
38) 1,2-Dichloropropane	6.43	63	199214	9.135	ug/l 99
39) Methacrylonitrile	4.55	41	58450	9.385	ug/l 97
40) Methyl acrylate	4.42	55	93332	9.481	ug/l 99
41) Tetrahydrofuran	4.65	42	57717	17.718	ug/l 99
42) 1-Chlorobutane	5.06	56	350516	9.381	ug/l 99

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QLast Update : Fri Mar 08 00:30:10 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.56	93	103014	9.114	ug/l	99
44) Bromodichloromethane	6.75	83	254190	9.157	ug/l	99
45) 4-Methyl-2-Pentanone	7.46	43	557785	47.317	ug/l	100
46) t-1,4-Dichloro-2-butene	10.49	75	113321	22.994	ug/l	91
47) Methyl methacrylate	6.62	69	188063	19.389	ug/l	99
48) Ethyl methacrylate	8.02	69	187538	10.091	ug/l	98
49) Toluene	7.63	92	494461	9.345	ug/l	97
50) t-1,3-Dichloropropene	7.88	75	233153	9.584	ug/l	99
51) cis-1,3-Dichloropropene	7.26	75	289143	9.601	ug/l	100
52) 1,1,2-Trichloroethane	8.06	97	150059	8.969	ug/l	98
53) 1,3-Dichloropropane	8.24	76	247584	9.022	ug/l	98
54) 2-Hexanone	8.36	43	399447	48.790	ug/l	100
55) Dibromochloromethane	8.47	129	188889	9.513	ug/l	100
56) 1,2-Dibromoethane	8.58	107	144203	9.090	ug/l	100
58) Tetrachloroethene	8.22	164	228788	8.904	ug/l	98
59) Chlorobenzene	9.12	112	565222	9.295	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.21	131	200357	9.185	ug/l	99
61) Pentachloroethane	11.10	117	140855	9.275	ug/l	98
62) Hexachloroethane	12.14	117	160653	10.056	ug/l	97
63) Ethyl Benzene	9.24	91	960749	9.645	ug/l	99
64) m/p-Xylenes	9.37	106	771525	19.593	ug/l	99
65) o-Xylene	9.77	106	368788	9.751	ug/l	98
66) Styrene	9.79	104	630673	10.038	ug/l	99
67) Bromoform	9.95	173	114531	9.820	ug/l	99
69) Isopropylbenzene	10.16	105	978381	9.756	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.45	83	187766	9.202	ug/l	100
71) 1,2,3-Trichloropropane	10.49	75	113321	7.473	ug/l	89
72) Bromobenzene	10.45	156	249266	9.390	ug/l	99
73) n-propylbenzene	10.58	120	283347	10.050	ug/l	99
74) 2-Chlorotoluene	10.66	126	243796	9.748	ug/l	95
75) 1,3,5-Trimethylbenzene	10.77	105	836939	9.906	ug/l	100
76) 4-Chlorotoluene	10.77	126	249207	9.772	ug/l	100
77) tert-Butylbenzene	11.10	119	811120	9.703	ug/l	99
78) 1,2,4-Trimethylbenzene	11.14	105	859385	10.066	ug/l	100
79) sec-Butylbenzene	11.32	105	1110598	10.025	ug/l	100
80) Nitrobenzene	12.86	77	22429	60.552	ug/l	99
81) p-Isopropyltoluene	11.47	119	945306	10.193	ug/l	100
82) 1,3-Dichlorobenzene	11.41	146	491679	9.352	ug/l	100
83) 1,4-Dichlorobenzene	11.50	146	491223	9.562	ug/l	99
84) n-Butylbenzene	11.89	91	863400	10.217	ug/l	100
85) 1,2-Dichlorobenzene	11.87	146	461943	9.318	ug/l	99
86) 1,2-Dibromo-3-Chloropropan	12.65	75	28276	9.706	ug/l	97
87) 1,2,4-Trichlorobenzene	13.50	180	322446	10.157	ug/l	99
88) Hexachlorobutadiene	13.69	225	190174	9.510	ug/l	99
89) Naphthalene	13.74	128	536737	8.791	ug/l	99
90) 1,2,3-Trichlorobenzene	13.98	180	291329	9.768	ug/l	98

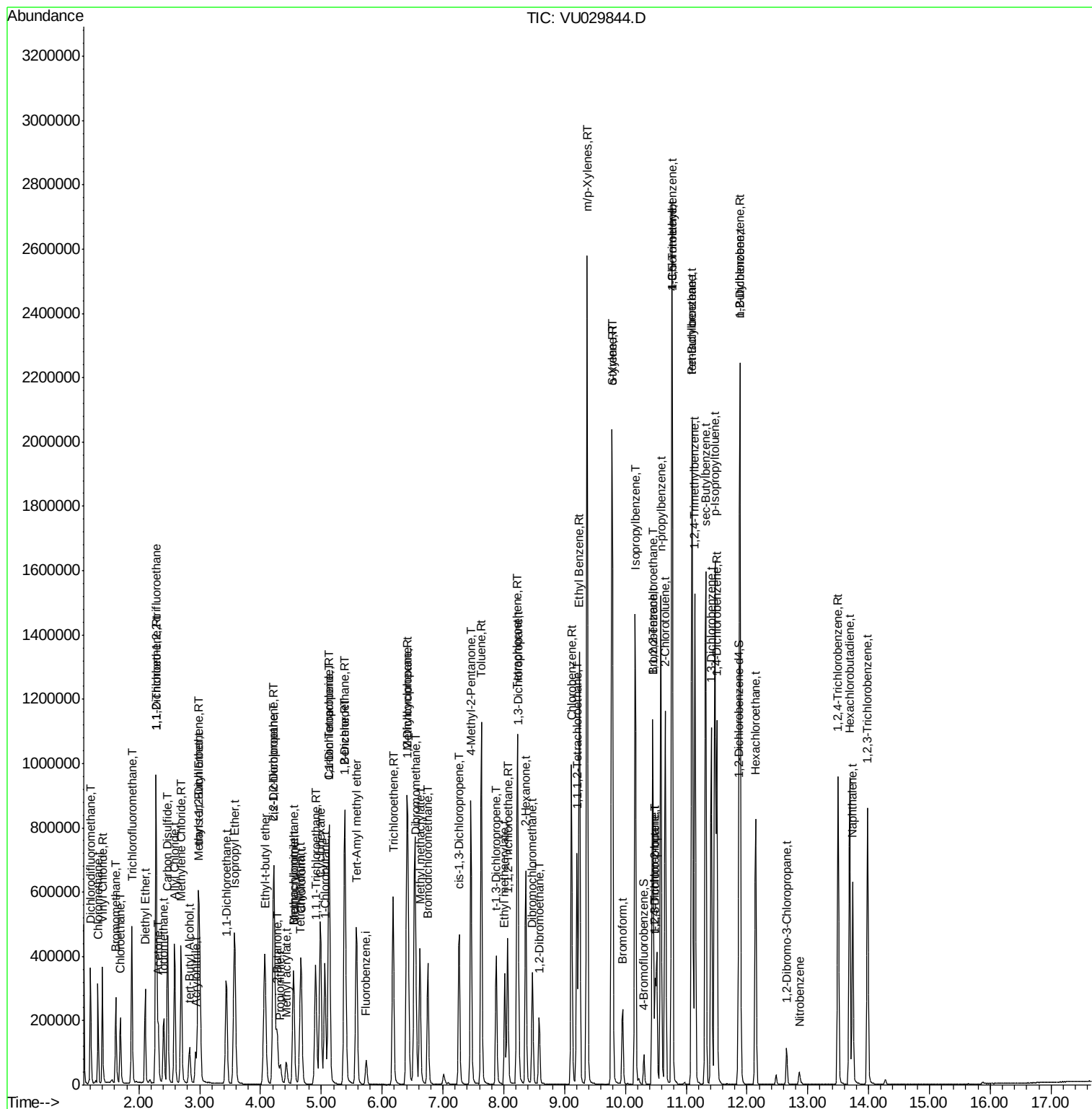
(#) = qualifier out of range (m) = manual integration (+) = signals summed

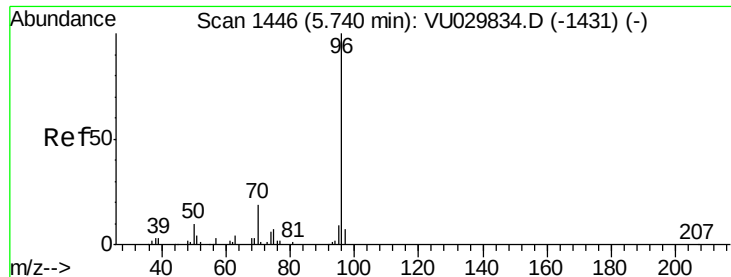
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#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 5.74 min Scan# 1446

Delta R.T. -0.00 min

Lab File: VU029844.D

Acq: 07 Mar 2019 09:47

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 96 Resp: 77972

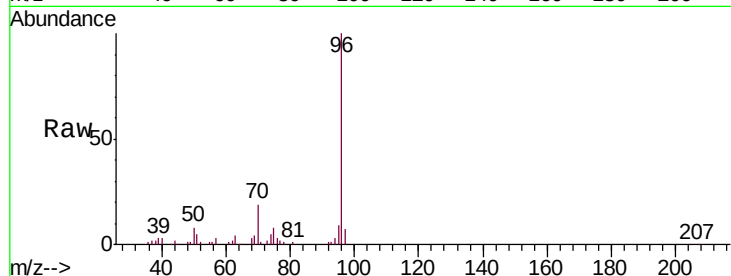
Ion Ratio Lower Upper

96 100

70 19.4 14.4 21.6

95 8.8 7.0 10.6

97 0.0 0.0 0.0

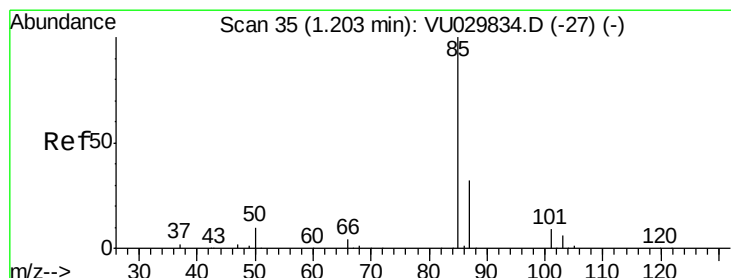
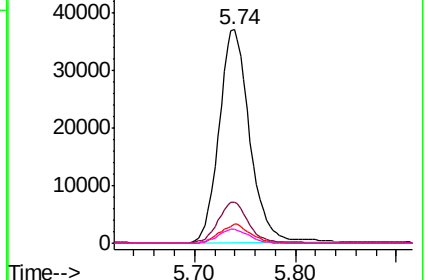
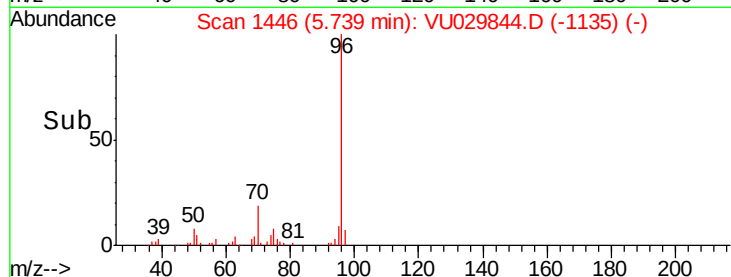


Abundance Ion 96.00 (95.70 to 96.70): VU0

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: 8.645 ug/l

RT: 1.20 min Scan# 35

Delta R.T. -0.00 min

Lab File: VU029844.D

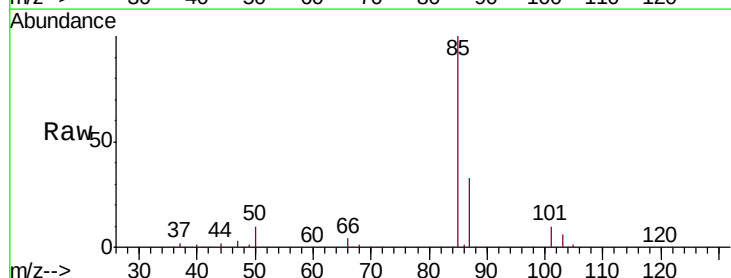
Acq: 07 Mar 2019 09:47

Tgt Ion: 85 Resp: 225546

Ion Ratio Lower Upper

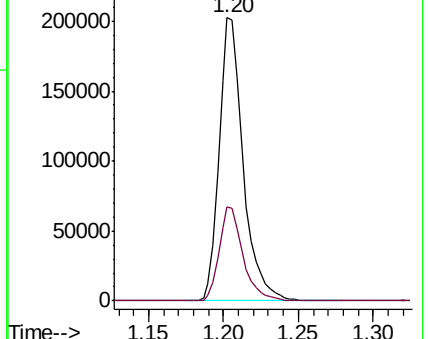
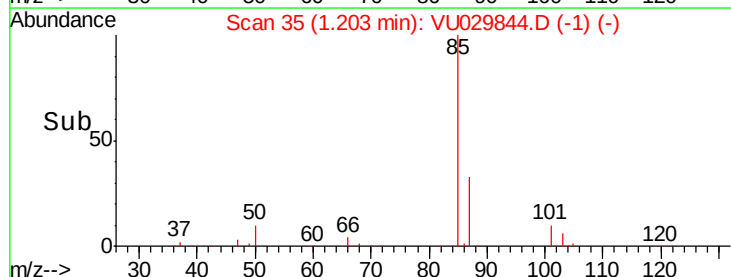
85 100

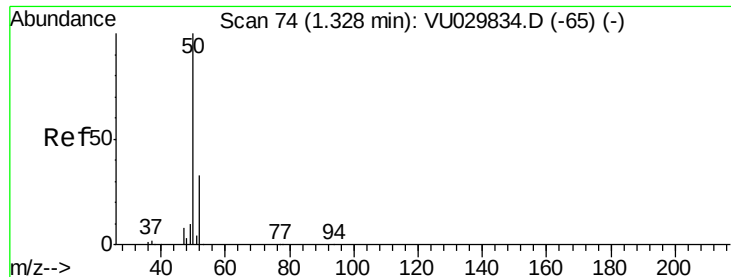
87 33.1 16.2 48.6



Abundance Ion 85.00 (84.70 to 85.70): VU0

Ion 87.00 (86.70 to 87.70): VU0





#3

Chloromethane

Concen: 8.464 ug/l

RT: 1.33 min Scan# 74

Delta R.T. -0.00 min

Lab File: VU029844.D

Acq: 07 Mar 2019 09:47

Instrument :

MSVOA_U

ClientSampleId :

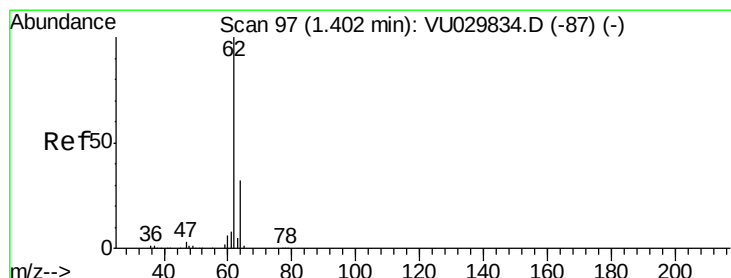
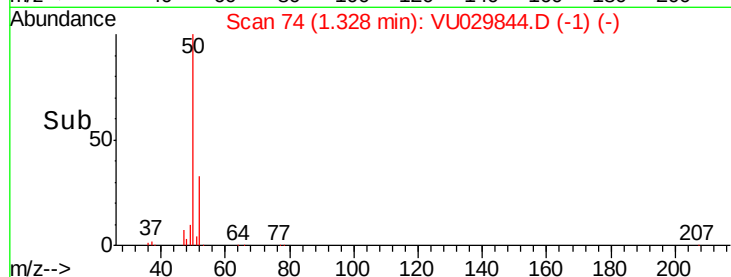
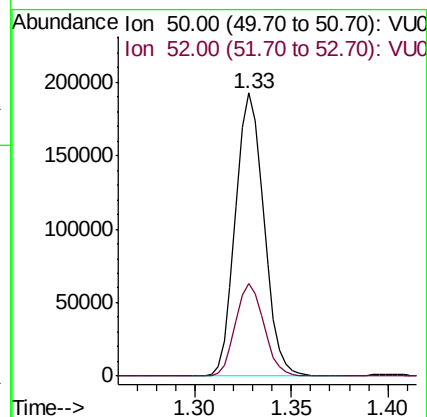
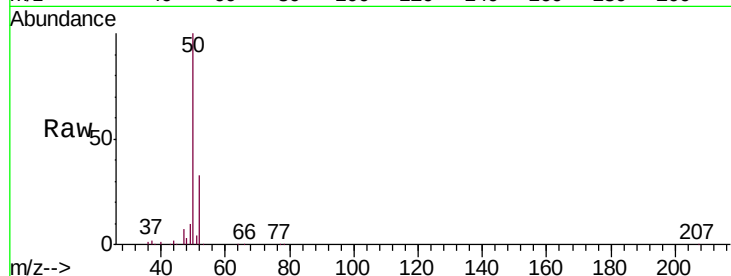
VSTDCCC010

Tgt Ion: 50 Resp: 196640

Ion Ratio Lower Upper

50 100

52 32.7 26.5 39.7



#4

Vinyl Chloride

Concen: 8.826 ug/l

RT: 1.40 min Scan# 97

Delta R.T. -0.00 min

Lab File: VU029844.D

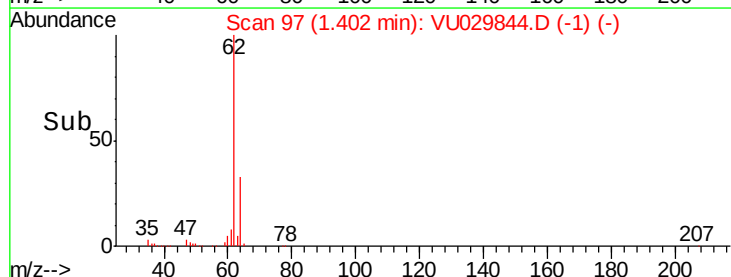
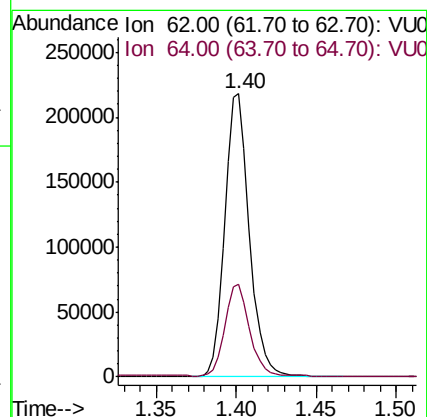
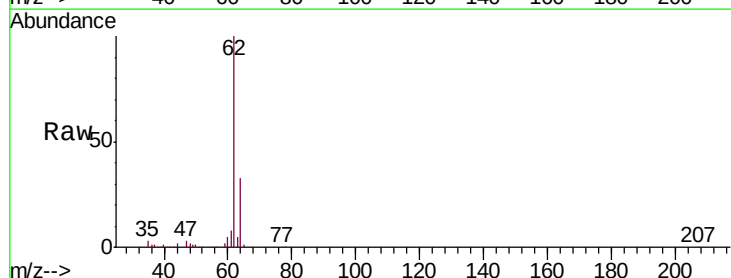
Acq: 07 Mar 2019 09:47

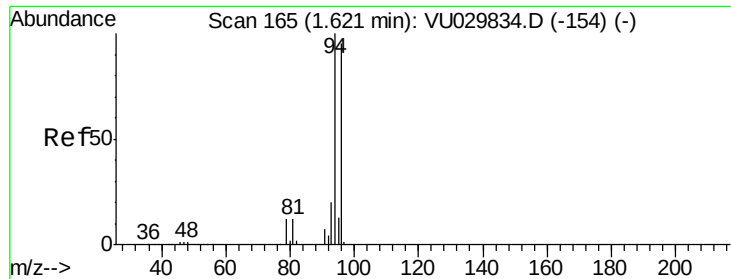
Tgt Ion: 62 Resp: 230682

Ion Ratio Lower Upper

62 100

64 32.3 25.7 38.5





#5

Bromomethane

Concen: 7.188 ug/l

RT: 1.62 min Scan# 165

Delta R.T. -0.00 min

Lab File: VU029844.D

Acq: 07 Mar 2019 09:47

Instrument :

MSVOA_U

ClientSampleId :

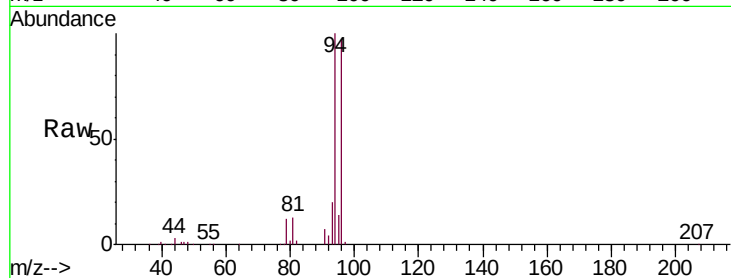
VSTDCCC010

Tgt Ion: 94 Resp: 128298

Ion Ratio Lower Upper

94 100

96 96.9 76.4 114.6



Abundance Ion 94.00 (93.70 to 94.70): VU029834.D (-154) (-)

Ion 96.00 (95.70 to 96.70): VU029834.D (-154) (-)

1.62

100000

80000

60000

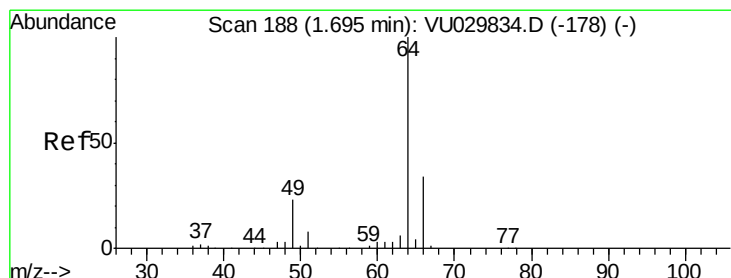
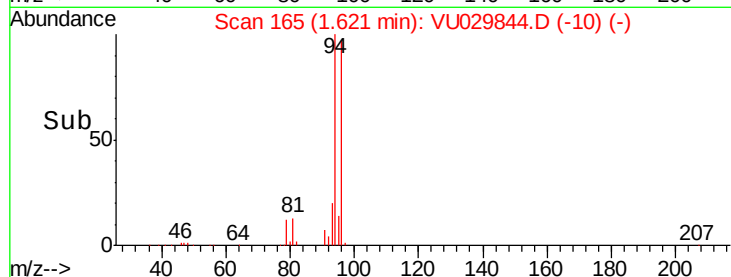
40000

20000

0

1.55 1.60 1.65 1.70

Time-->



#6

Chloroethane

Concen: 8.828 ug/l

RT: 1.69 min Scan# 188

Delta R.T. -0.00 min

Lab File: VU029844.D

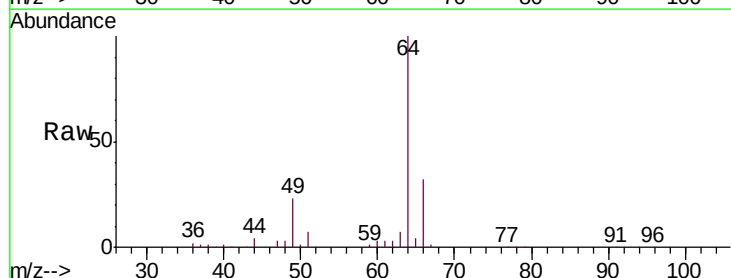
Acq: 07 Mar 2019 09:47

Tgt Ion: 64 Resp: 138345

Ion Ratio Lower Upper

64 100

66 32.4 27.3 40.9



Abundance Ion 64.00 (63.70 to 64.70): VU029834.D (-178) (-)

Ion 66.00 (65.70 to 66.70): VU029834.D (-178) (-)

1.69

120000

100000

80000

60000

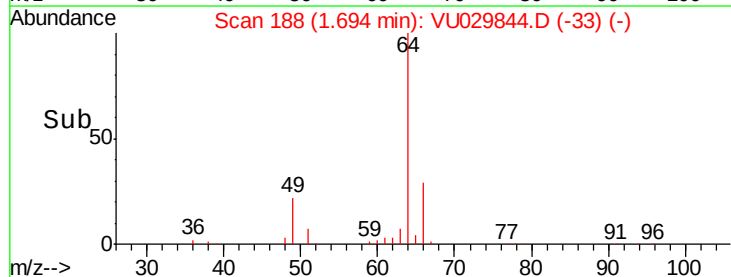
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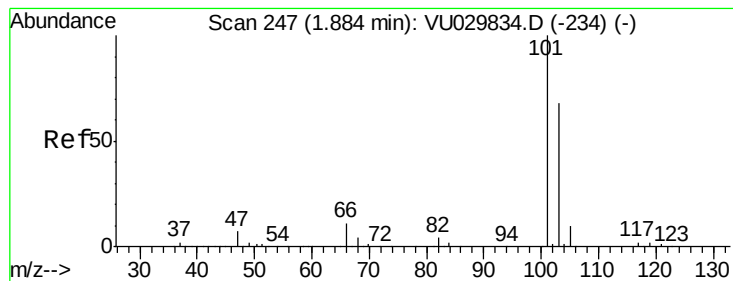
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0

1.60 1.65 1.70 1.75 1.80

Time-->



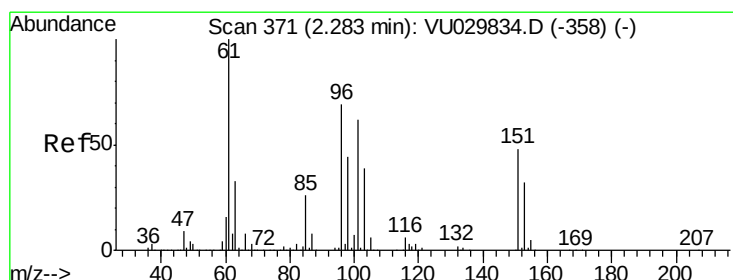
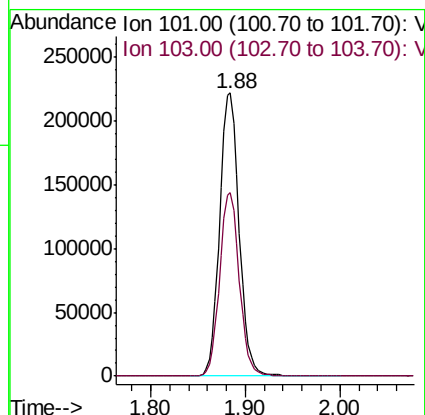
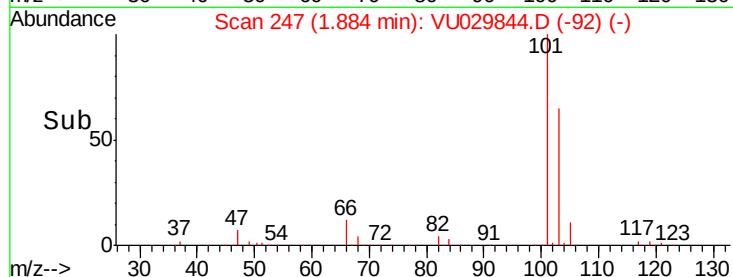
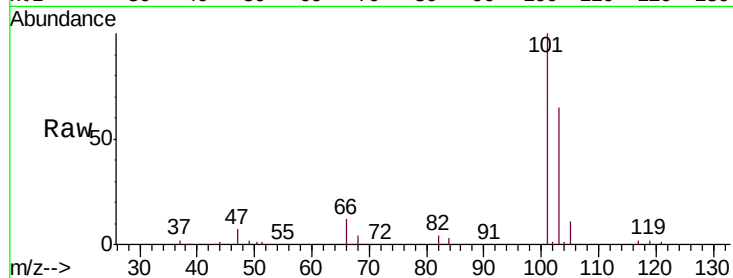


#7

Trichlorofluoromethane
 Concen: 8.912 ug/l
 RT: 1.88 min Scan# 247
 Delta R.T. -0.00 min
 Lab File: VU029844.D
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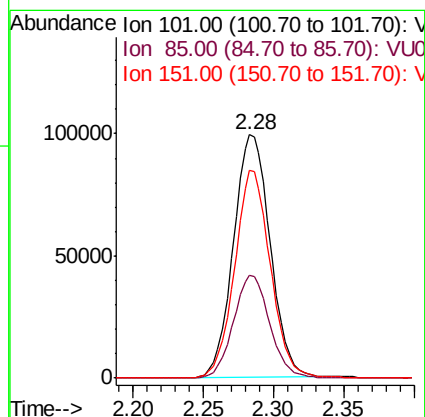
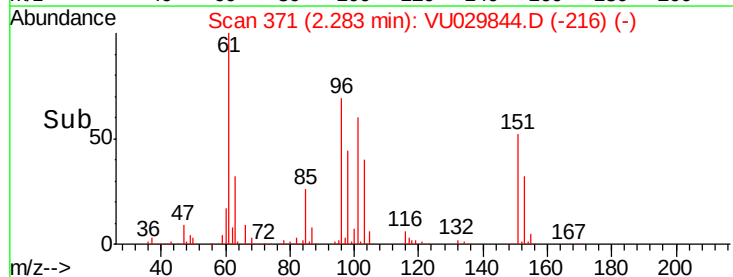
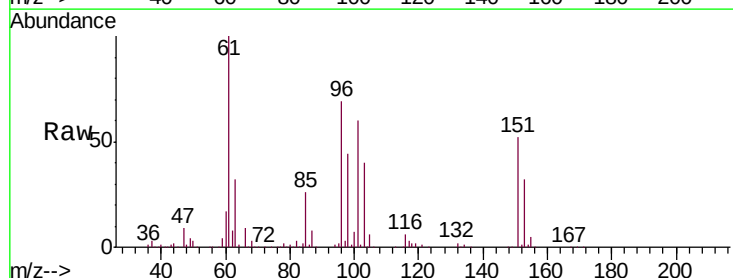
Tgt Ion:101 Resp: 317416
 Ion Ratio Lower Upper
 101 100
 103 64.8 54.2 81.2

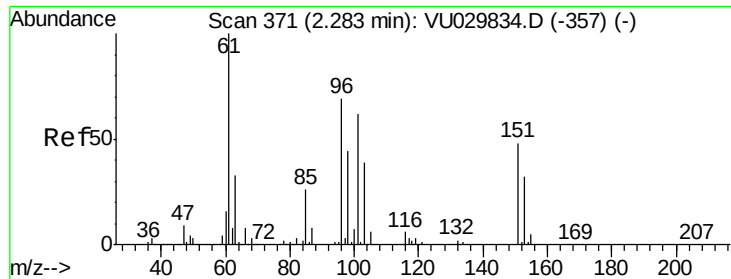


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 8.762 ug/l
 RT: 2.28 min Scan# 371
 Delta R.T. -0.00 min
 Lab File: VU029844.D
 Acq: 07 Mar 2019 09:47

Tgt Ion:101 Resp: 181545
 Ion Ratio Lower Upper
 101 100
 85 41.3 33.4 50.0
 151 82.9 64.6 97.0





#9

1,1-Dichloroethene

Concen: 8.801 ug/l

RT: 2.28 min Scan# 371

Delta R.T. -0.00 min

Lab File: VU029844.D

Acq: 07 Mar 2019 09:47

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

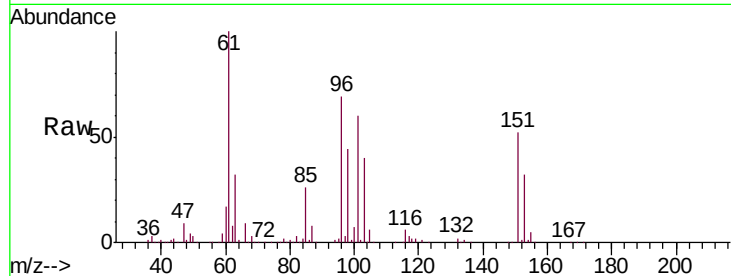
Tgt Ion: 96 Resp: 178491

Ion Ratio Lower Upper

96 100

61 144.2 0.0 435.3

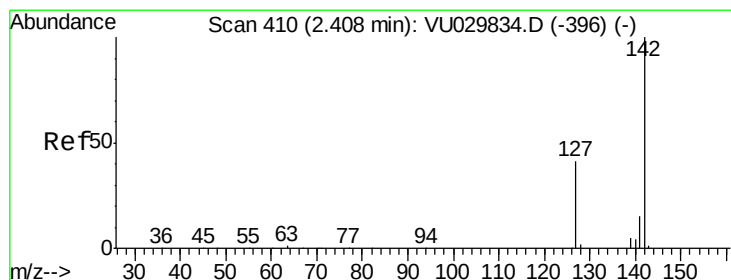
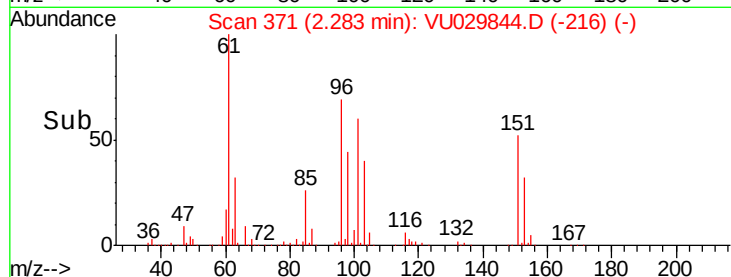
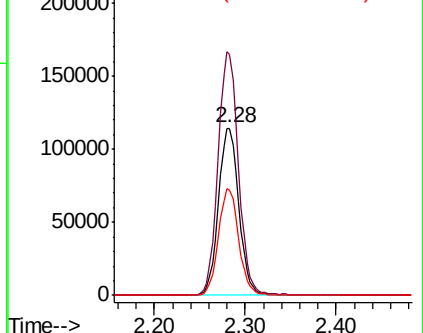
98 63.5 0.0 128.6



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: 8.859 ug/l

RT: 2.41 min Scan# 410

Delta R.T. 0.00 min

Lab File: VU029844.D

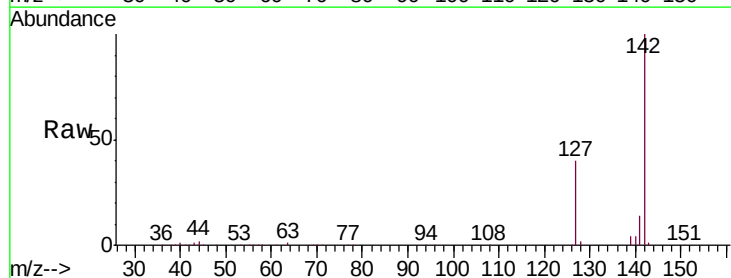
Acq: 07 Mar 2019 09:47

Tgt Ion: 142 Resp: 199197

Ion Ratio Lower Upper

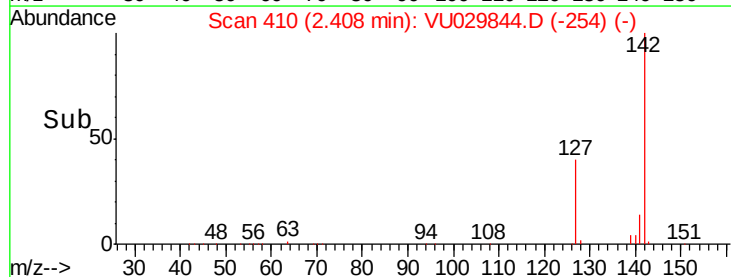
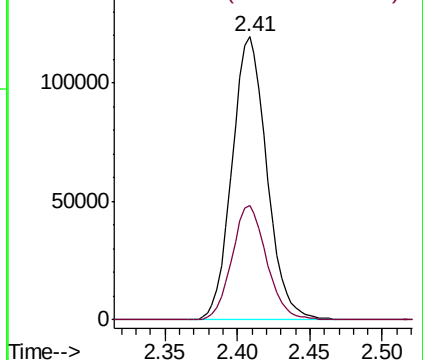
142 100

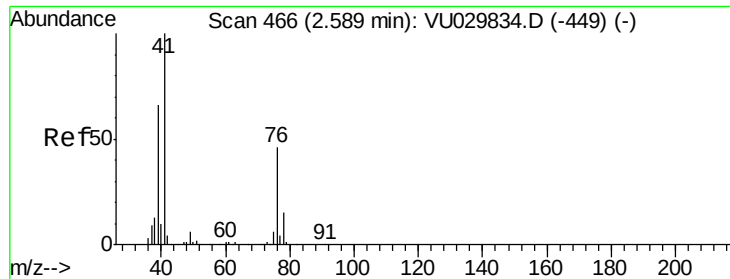
127 40.6 32.3 48.5



Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

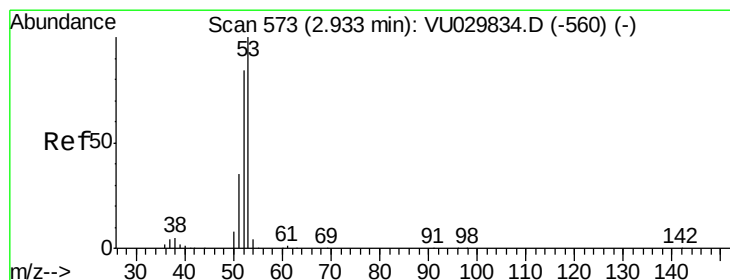
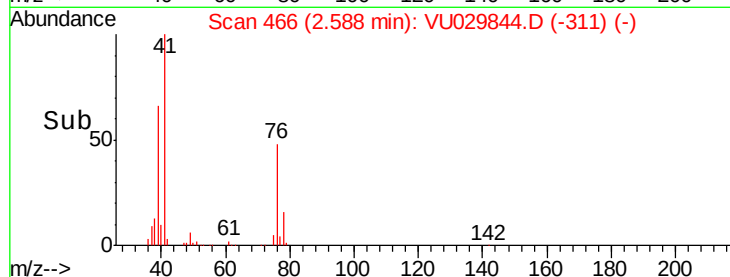
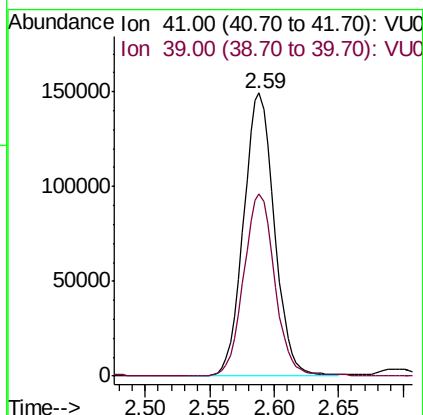
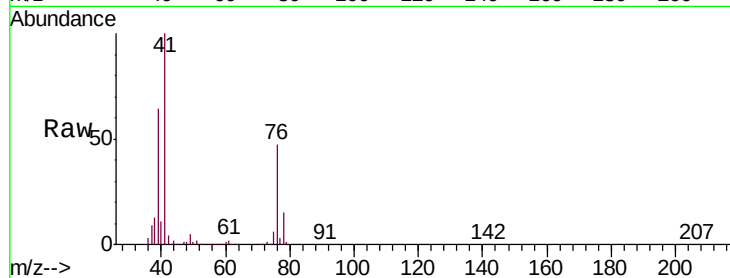




#11
 Allyl Chloride
 Concen: 8.695 ug/l
 RT: 2.59 min Scan# 466
 Delta R.T. -0.00 min
 Lab File: VU029844.D
 Acq: 07 Mar 2019 09:47

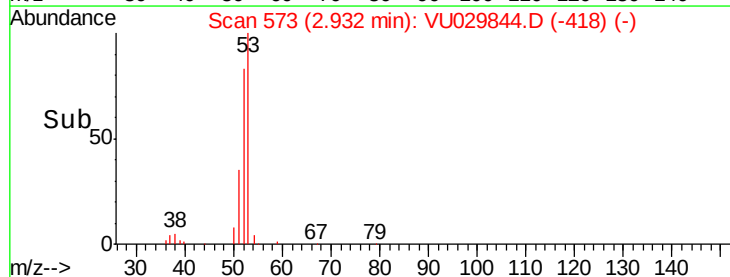
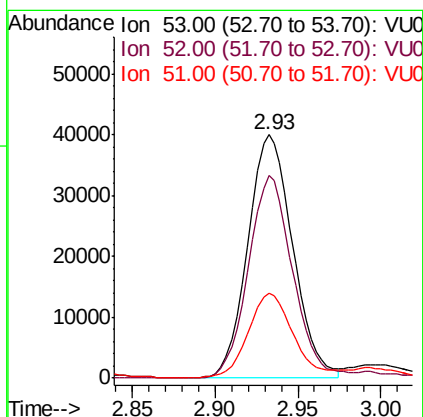
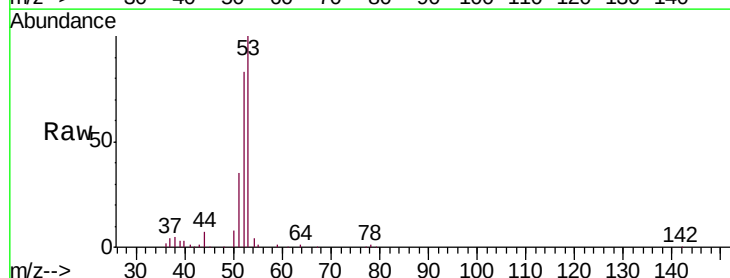
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

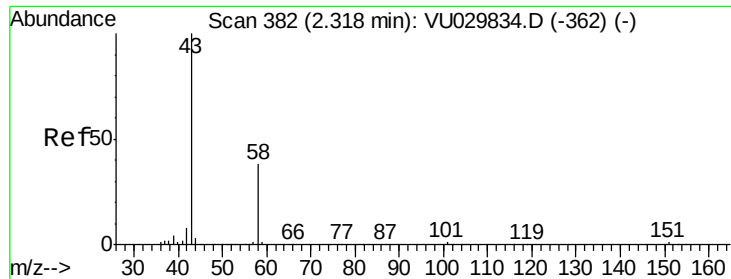
Tgt Ion: 41 Resp: 247904
 Ion Ratio Lower Upper
 41 100
 39 65.0 51.6 77.4



#12
 Acrylonitrile
 Concen: 17.057 ug/l
 RT: 2.93 min Scan# 573
 Delta R.T. -0.00 min
 Lab File: VU029844.D
 Acq: 07 Mar 2019 09:47

Tgt Ion: 53 Resp: 75431
 Ion Ratio Lower Upper
 53 100
 52 82.3 66.5 99.7
 51 35.6 28.6 42.8





#13

Acetone

Concen: 46.185 ug/l

RT: 2.32 min Scan# 382

Delta R.T. -0.00 min

Lab File: VU029844.D

Acq: 07 Mar 2019 09:47

Instrument :

MSVOA_U

ClientSampleId :

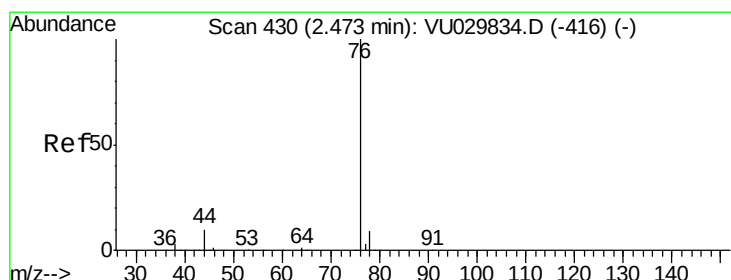
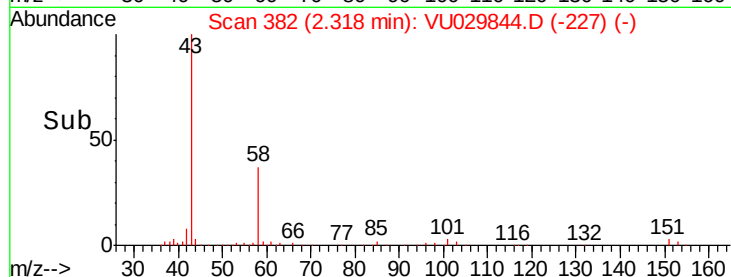
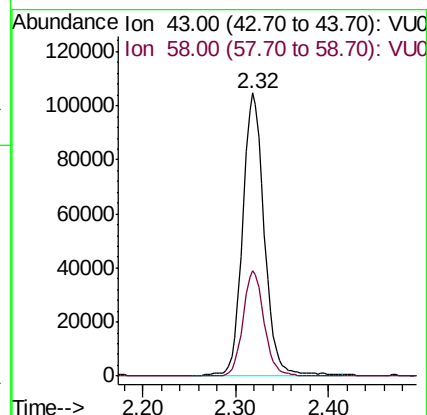
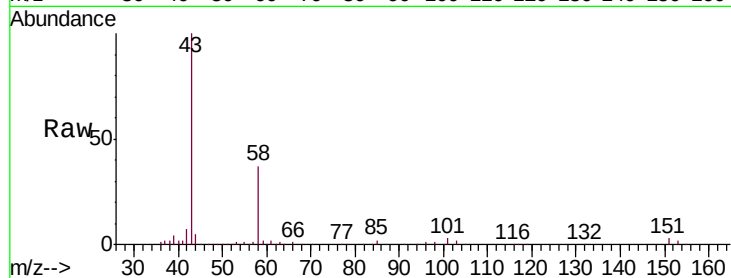
VSTDCCC010

Tgt Ion: 43 Resp: 169158

Ion Ratio Lower Upper

43 100

58 37.4 30.2 45.2



#14

Carbon Disulfide

Concen: 8.625 ug/l

RT: 2.47 min Scan# 430

Delta R.T. -0.00 min

Lab File: VU029844.D

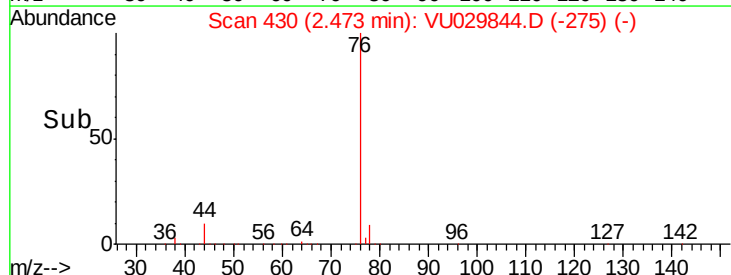
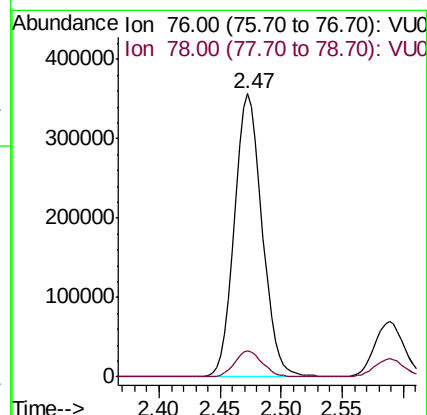
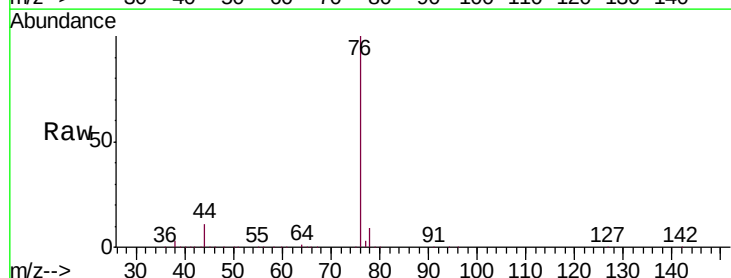
Acq: 07 Mar 2019 09:47

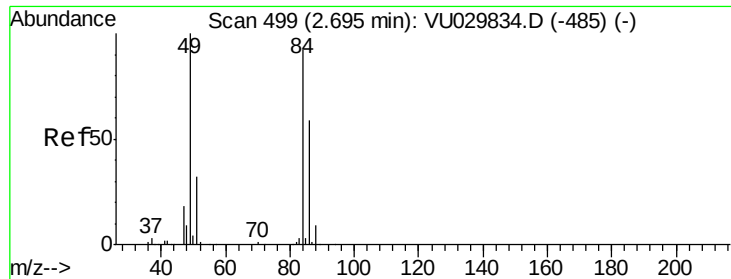
Tgt Ion: 76 Resp: 566471

Ion Ratio Lower Upper

76 100

78 9.2 7.2 10.8

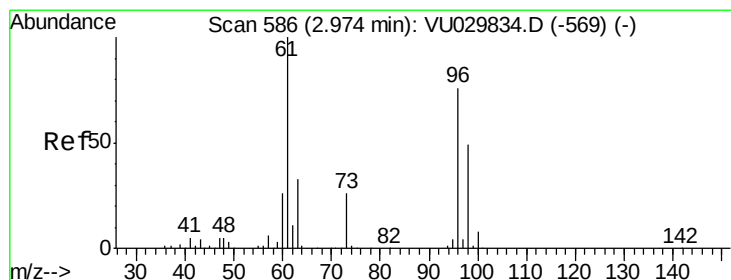
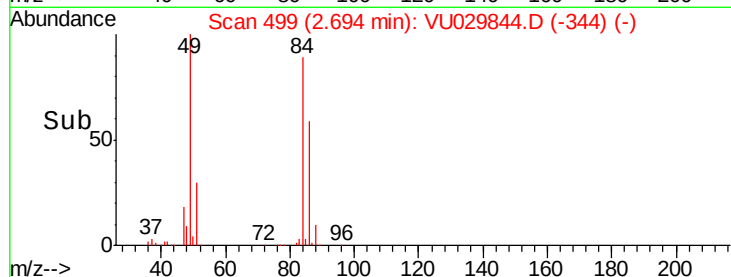
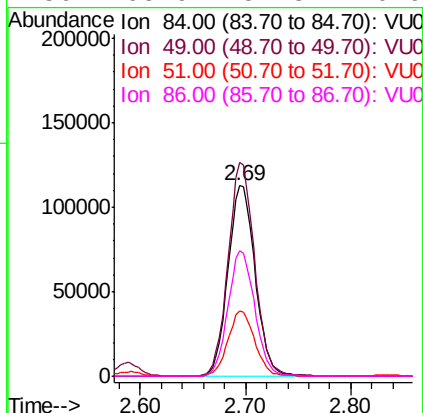
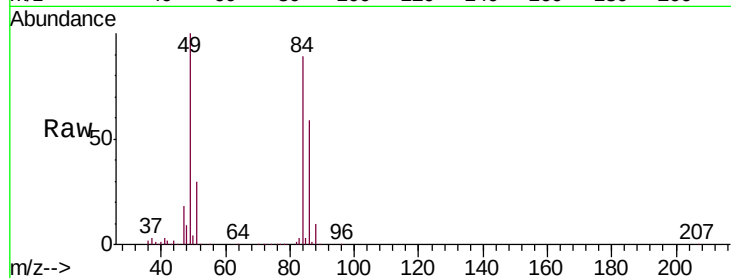




#15
Methylene Chloride
Concen: 8.261 ug/l
RT: 2.69 min Scan# 499
Delta R.T. -0.00 min
Lab File: VU029844.D
Acq: 07 Mar 2019 09:47

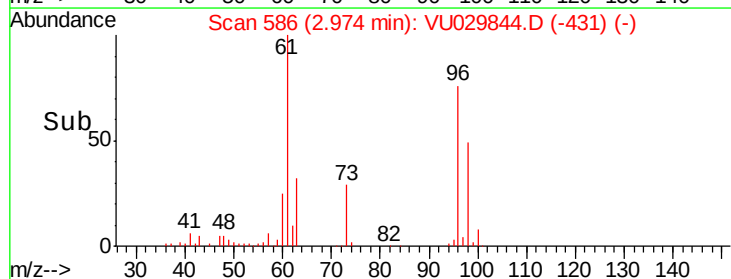
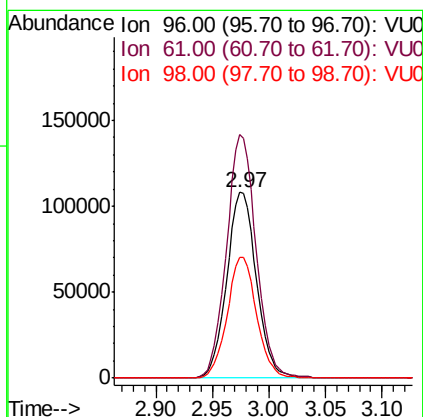
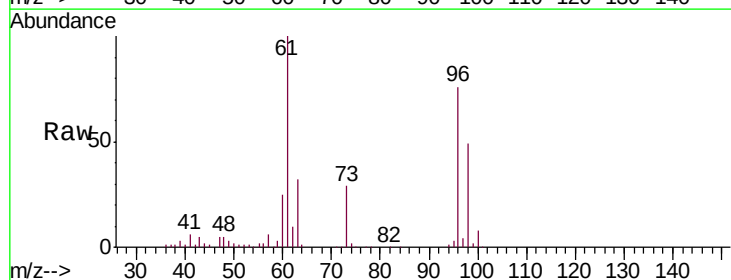
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

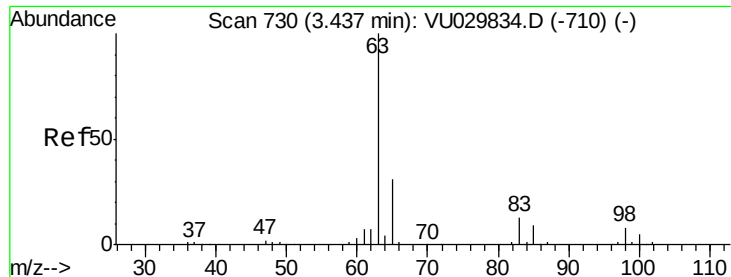
Tgt Ion:	84	Resp:	201035
Ion	Ratio	Lower	Upper
84	100		
49	112.3	87.2	130.8
51	34.1	0.0	69.0
86	65.9	51.3	76.9



#16
trans-1,2-Dichloroethene
Concen: 8.670 ug/l
RT: 2.97 min Scan# 586
Delta R.T. -0.00 min
Lab File: VU029844.D
Acq: 07 Mar 2019 09:47

Tgt Ion:	96	Resp:	198627
Ion	Ratio	Lower	Upper
96	100		
61	130.9	104.7	157.1
98	64.8	50.9	76.3

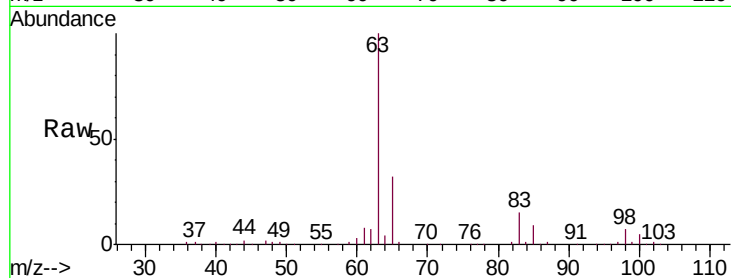




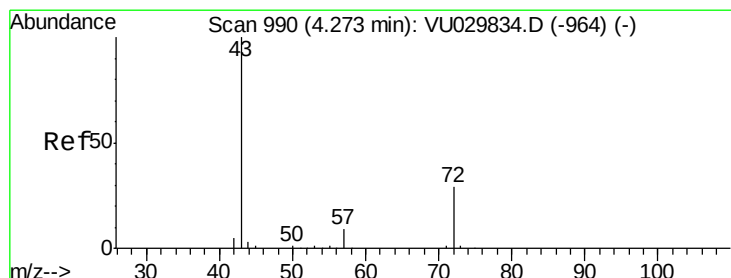
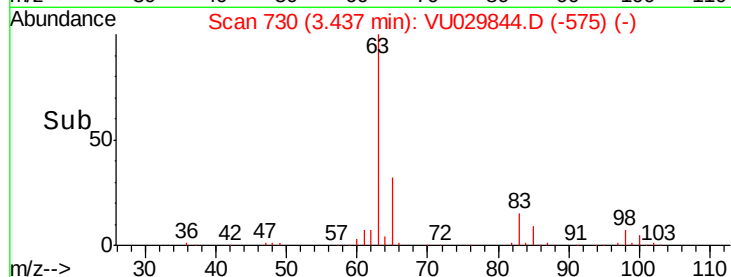
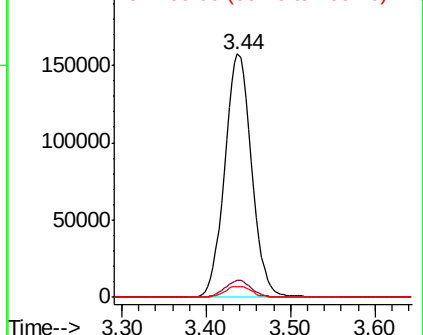
#17
 1,1-Dichloroethane
 Concen: 9.096 ug/l
 RT: 3.44 min Scan# 730
 Delta R.T. -0.00 min
 Lab File: VU029844.D
 Acq: 07 Mar 2019 09:47

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 63 Resp: 348679
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.8 11.4
 100 4.6 2.4 7.1

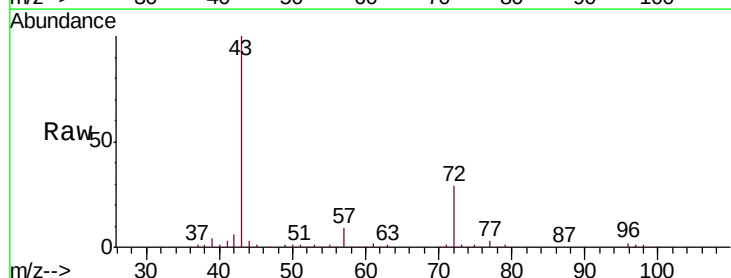


Abundance Ion 63.00 (62.70 to 63.70): VU0
 Ion 98.00 (97.70 to 98.70): VU0
 Ion 100.00 (99.70 to 100.70): VU0

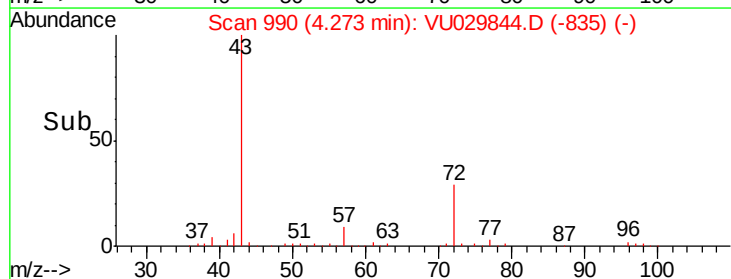
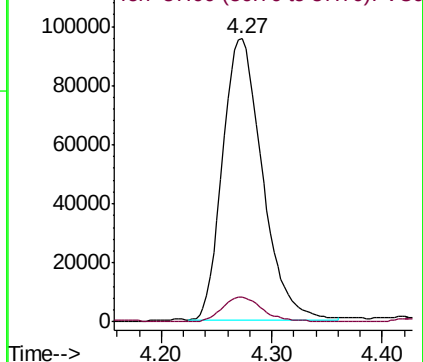


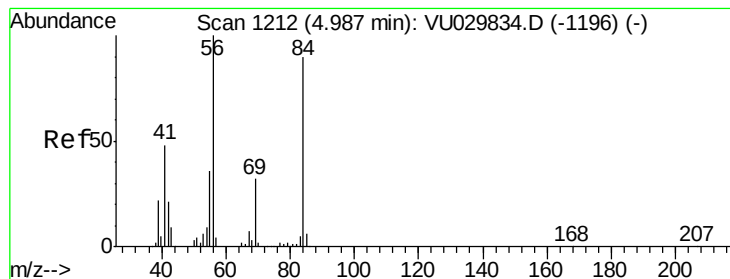
#18
 2-Butanone
 Concen: 47.629 ug/l
 RT: 4.27 min Scan# 990
 Delta R.T. -0.00 min
 Lab File: VU029844.D
 Acq: 07 Mar 2019 09:47

Tgt Ion: 43 Resp: 237073
 Ion Ratio Lower Upper
 43 100
 57 8.9 0.0 18.6



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





#19

Cyclohexane

Concen: 7.980 ug/l

RT: 4.98 min Scan# 1211

Delta R.T. -0.00 min

Lab File: VU029844.D

Acq: 07 Mar 2019 09:47

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

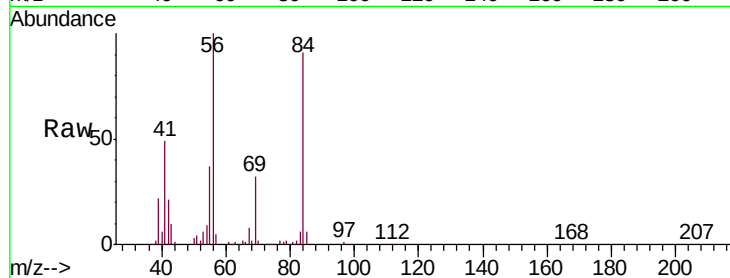
Tgt Ion: 56 Resp: 237523

Ion Ratio Lower Upper

56 100

69 37.8 29.4 44.2

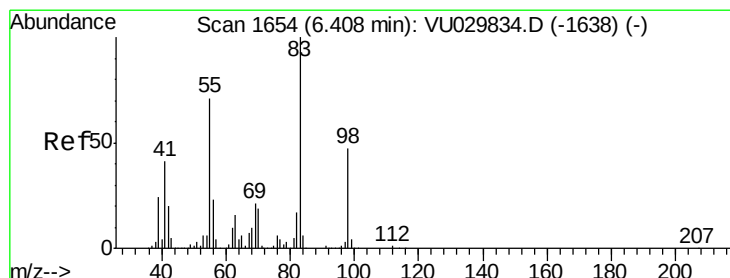
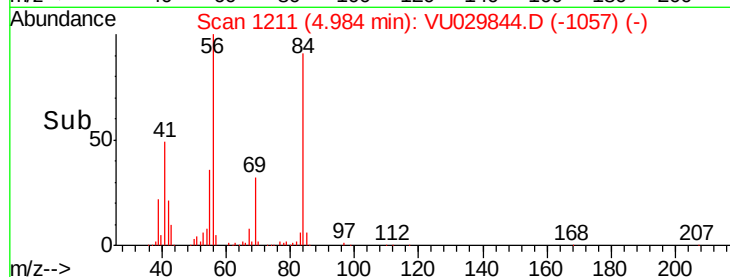
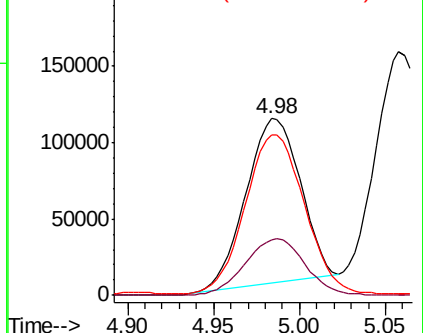
84 106.0 84.6 127.0



Abundance Ion 56.00 (55.70 to 56.70): VU029834.D (-1196) (-)

Ion 69.00 (68.70 to 69.70): VU029834.D (-1196) (-)

Ion 84.00 (83.70 to 84.70): VU029834.D (-1196) (-)



#20

Methylcyclohexane

Concen: 9.581 ug/l

RT: 6.41 min Scan# 1654

Delta R.T. -0.00 min

Lab File: VU029844.D

Acq: 07 Mar 2019 09:47

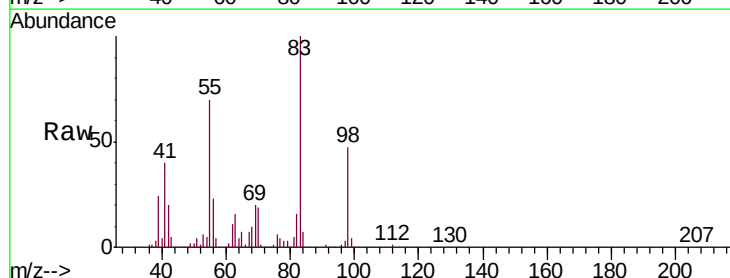
Tgt Ion: 83 Resp: 332119

Ion Ratio Lower Upper

83 100

55 69.6 55.9 83.9

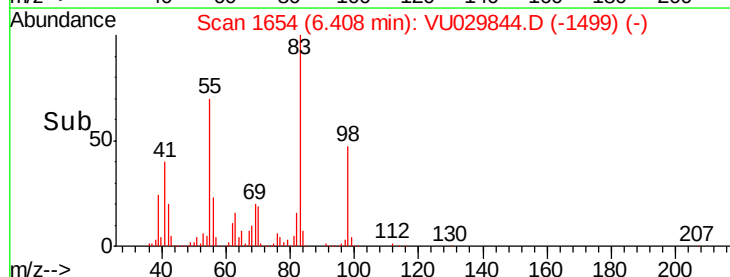
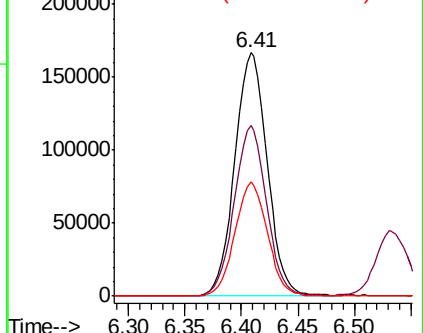
98 46.5 37.0 55.4

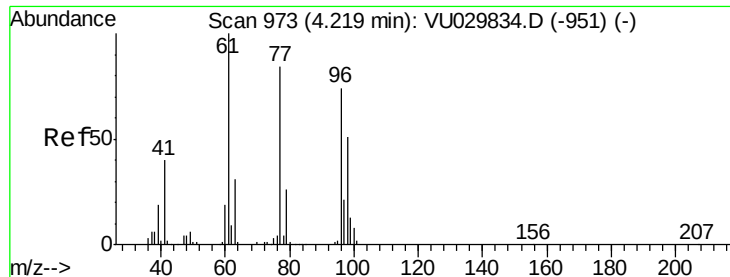


Abundance Ion 83.00 (82.70 to 83.70): VU029834.D (-1638) (-)

Ion 55.00 (54.70 to 55.70): VU029834.D (-1638) (-)

Ion 98.00 (97.70 to 98.70): VU029834.D (-1638) (-)

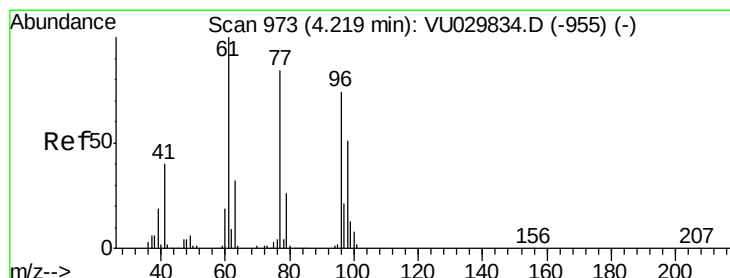
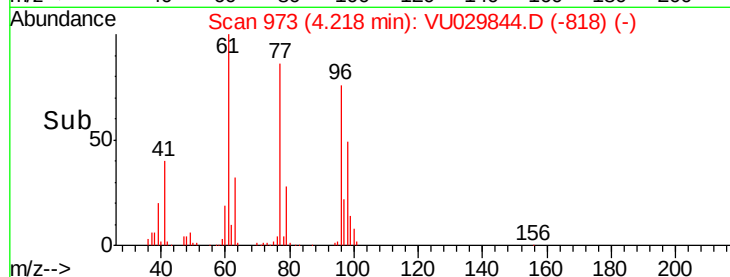
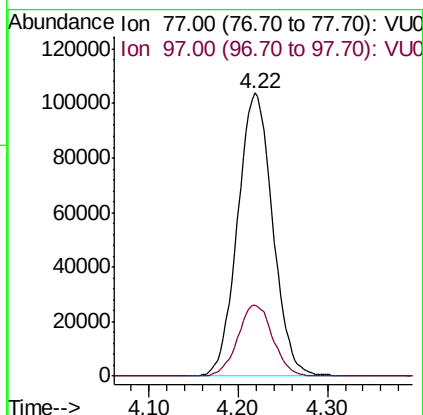
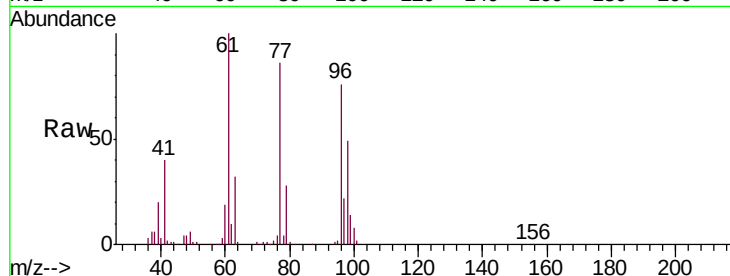




#21
 2,2-Dichloropropane
 Concen: 9.072 ug/l
 RT: 4.22 min Scan# 973
 Delta R.T. -0.00 min
 Lab File: VU029844.D
 Acq: 07 Mar 2019 09:47

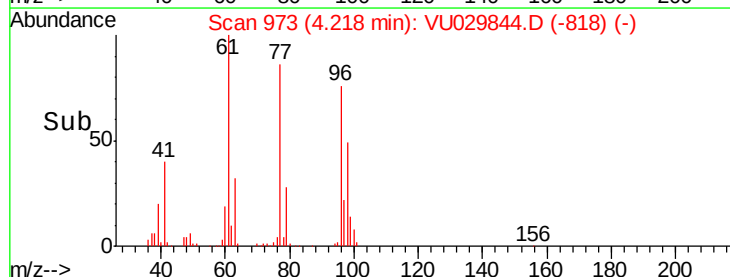
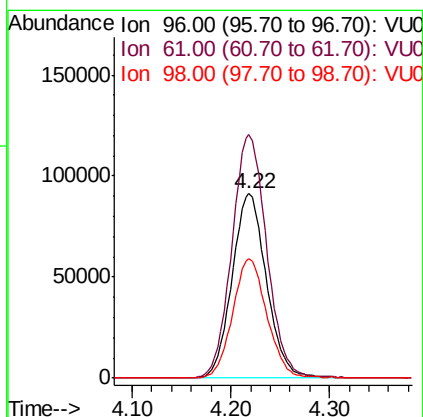
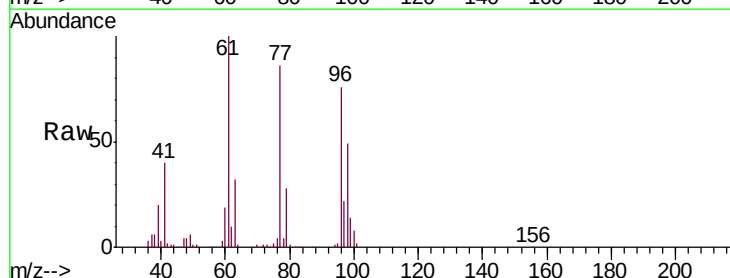
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

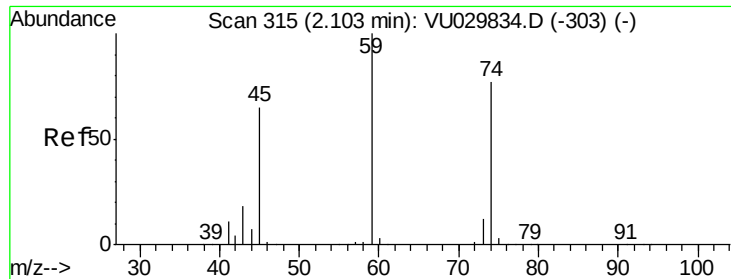
Tgt Ion: 77 Resp: 284238
 Ion Ratio Lower Upper
 77 100
 97 25.0 20.2 30.2



#22
 cis-1,2-Dichloroethene
 Concen: 9.098 ug/l
 RT: 4.22 min Scan# 973
 Delta R.T. -0.00 min
 Lab File: VU029844.D
 Acq: 07 Mar 2019 09:47

Tgt Ion: 96 Resp: 220911
 Ion Ratio Lower Upper
 96 100
 61 134.4 0.0 339.0
 98 64.7 33.1 99.5

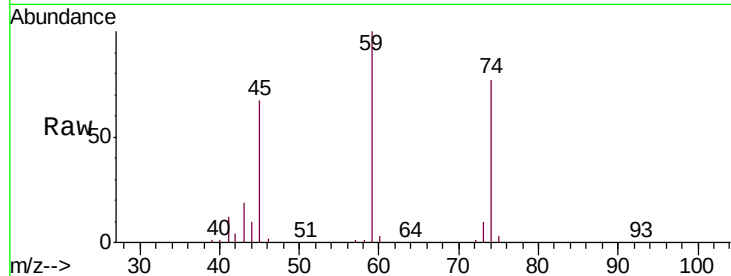




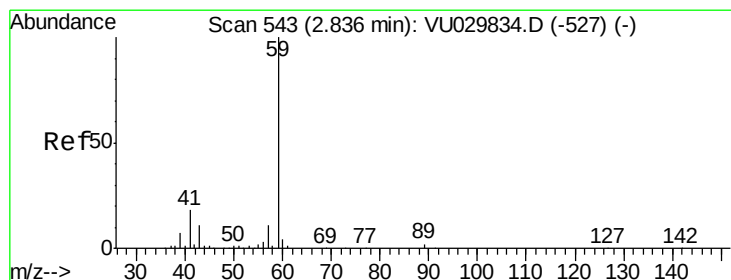
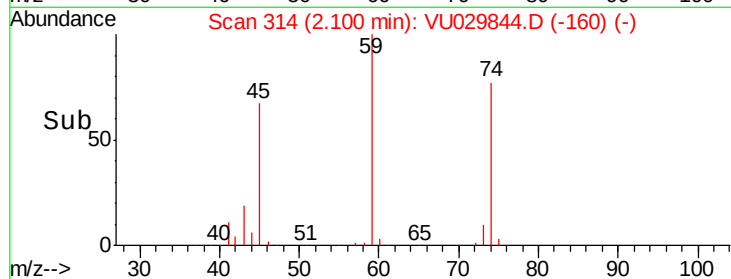
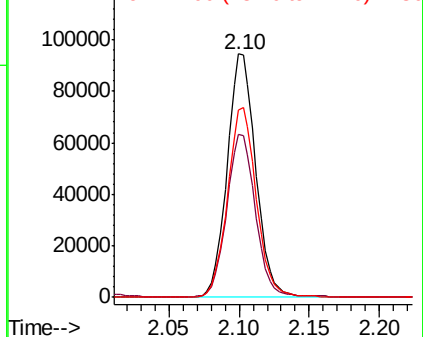
#23
Diethyl Ether
Concen: 8.822 ug/l
RT: 2.10 min Scan# 314
Delta R.T. -0.00 min
Lab File: VU029844.D
Acq: 07 Mar 2019 09:47

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion: 59 Resp: 134143
Ion Ratio Lower Upper
59 100
45 66.5 52.7 79.1
74 78.2 61.8 92.6

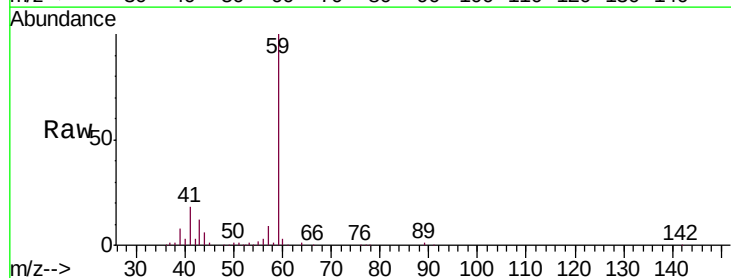


Abundance Ion 59.00 (58.70 to 59.70): VU0
Ion 45.00 (44.70 to 45.70): VU0
Ion 74.00 (73.70 to 74.70): VU0

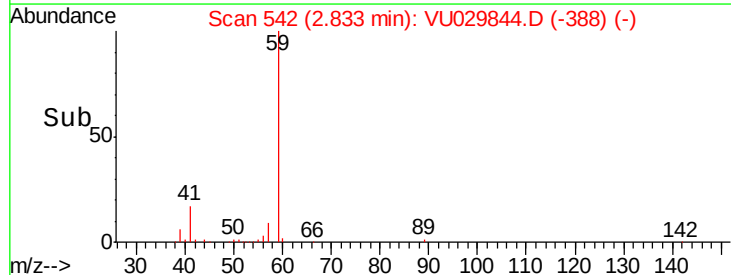
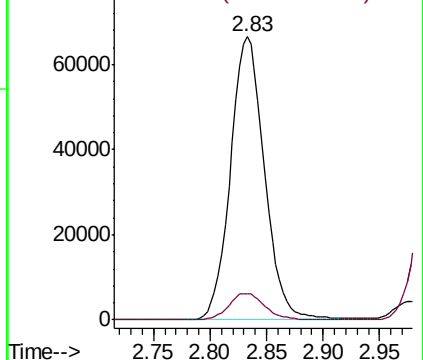


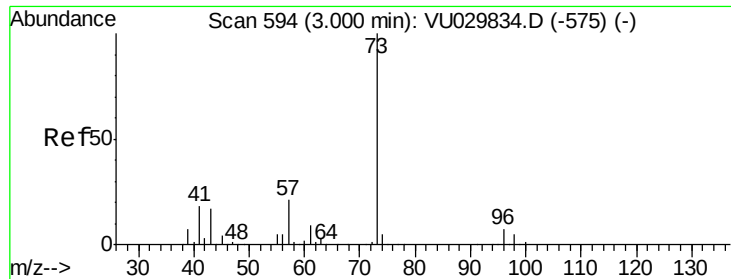
#24
tert-Butyl Alcohol
Concen: 88.803 ug/l
RT: 2.83 min Scan# 542
Delta R.T. -0.00 min
Lab File: VU029844.D
Acq: 07 Mar 2019 09:47

Tgt Ion: 59 Resp: 139286
Ion Ratio Lower Upper
59 100
57 10.0 8.5 12.7



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



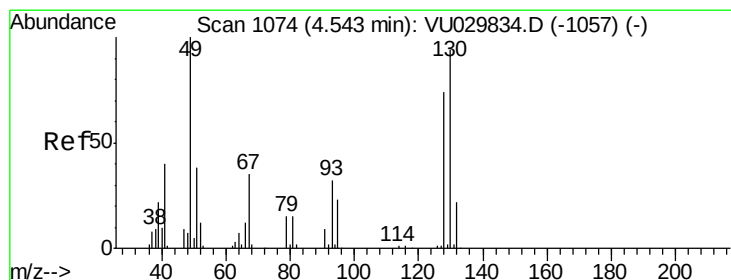
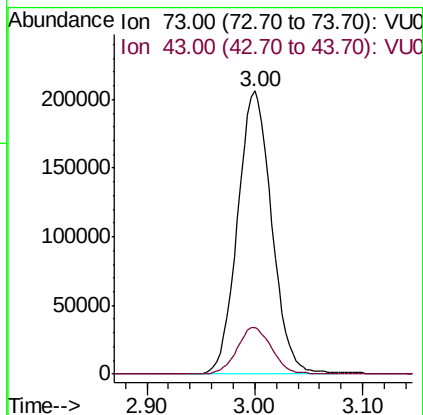
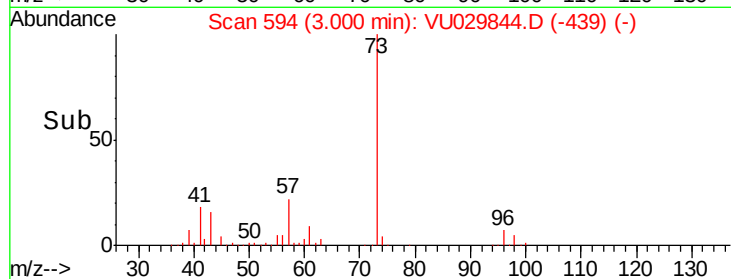
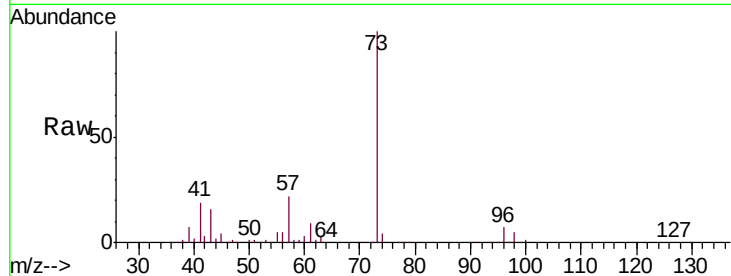


#25

Methyl tert-Butyl Ether
 Concen: 8.896 ug/l
 RT: 3.00 min Scan# 594
 Delta R.T. -0.00 min
 Lab File: VU029844.D
 Acq: 07 Mar 2019 09:47

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

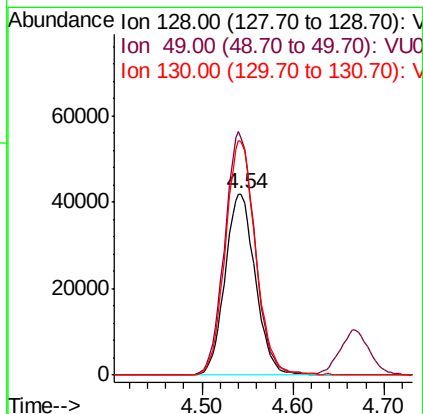
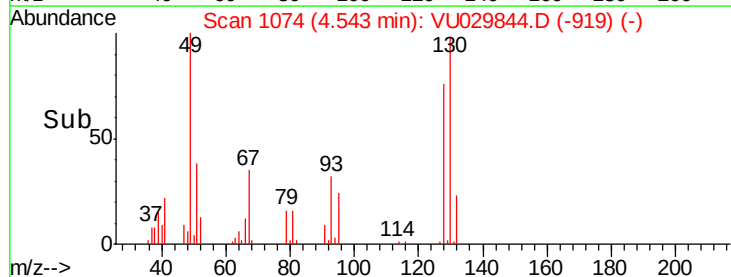
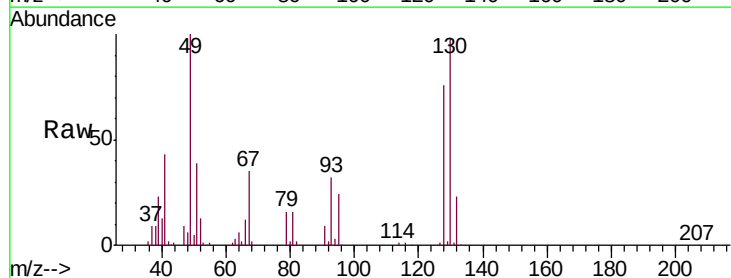
Tgt Ion: 73 Resp: 454368
 Ion Ratio Lower Upper
 73 100
 43 16.5 13.1 19.7

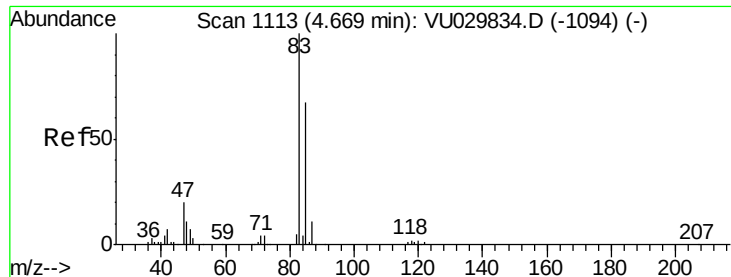


#26

Bromochloromethane
 Concen: 8.992 ug/l
 RT: 4.54 min Scan# 1074
 Delta R.T. -0.00 min
 Lab File: VU029844.D
 Acq: 07 Mar 2019 09:47

Tgt Ion: 128 Resp: 96927
 Ion Ratio Lower Upper
 128 100
 49 133.8 0.0 270.6
 130 129.3 104.2 156.4

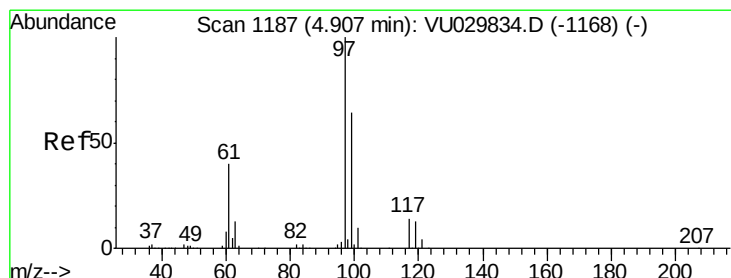
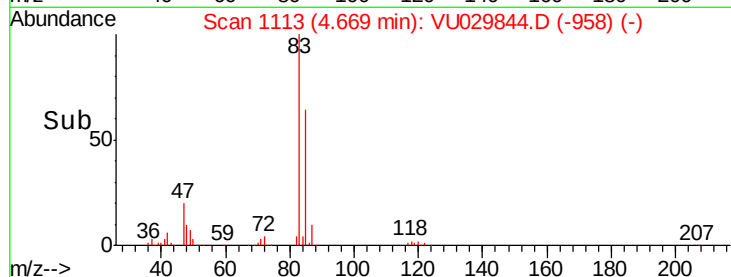
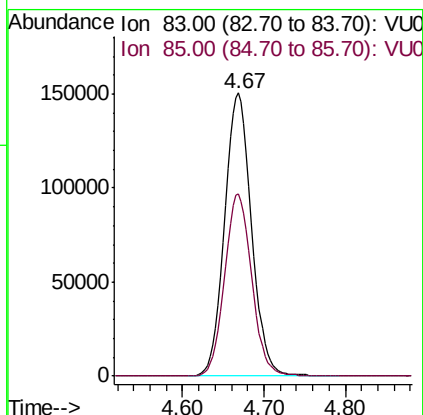
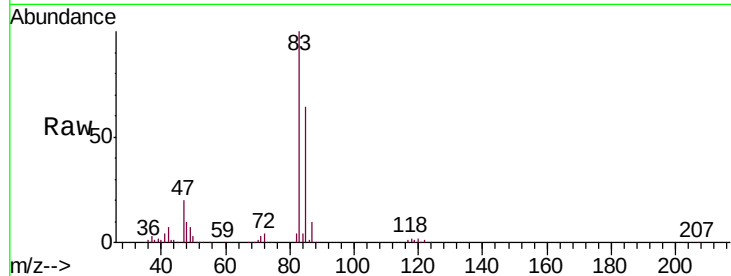




#27
Chloroform
Concen: 9.021 ug/l
RT: 4.67 min Scan# 1113
Delta R.T. -0.00 min
Lab File: VU029844.D
Acq: 07 Mar 2019 09:47

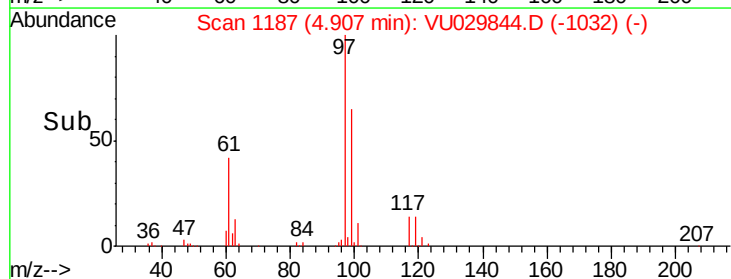
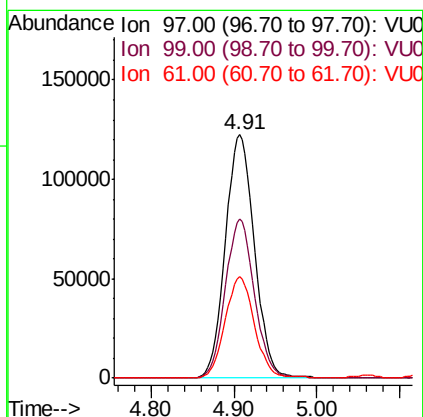
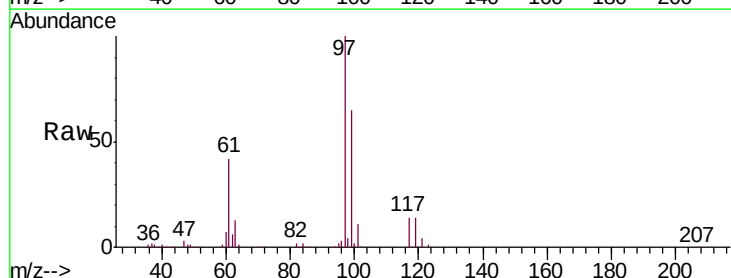
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

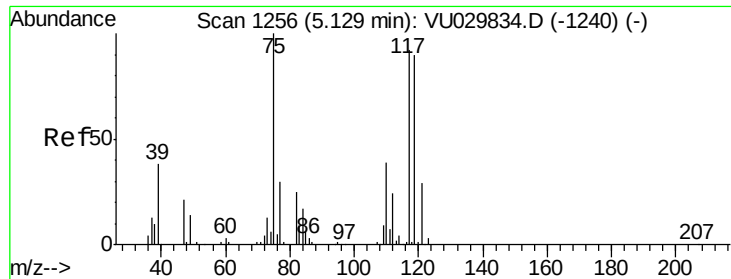
Tgt Ion: 83 Resp: 350165
Ion Ratio Lower Upper
83 100
85 64.2 0.0 133.2



#28
1,1,1-Trichloroethane
Concen: 9.091 ug/l
RT: 4.91 min Scan# 1187
Delta R.T. -0.00 min
Lab File: VU029844.D
Acq: 07 Mar 2019 09:47

Tgt Ion: 97 Resp: 299187
Ion Ratio Lower Upper
97 100
99 65.2 31.9 95.9
61 41.8 20.4 61.3

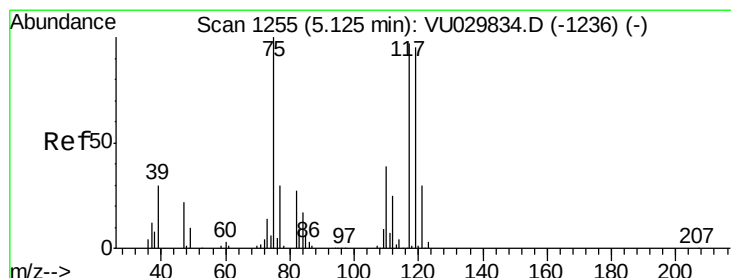
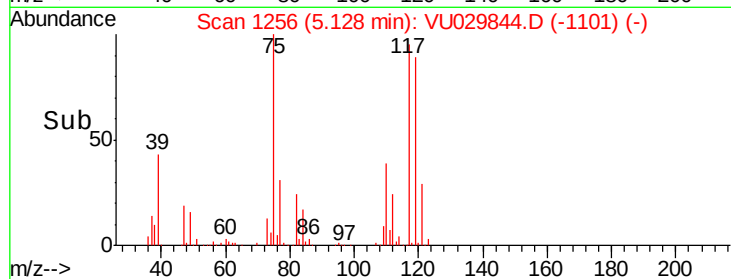
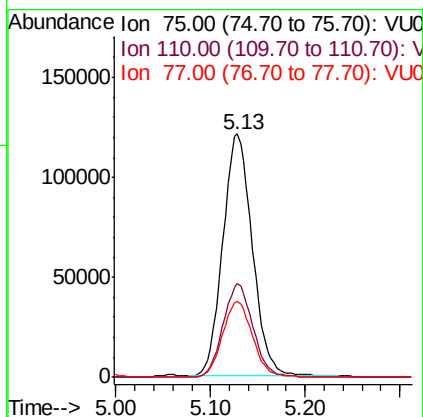
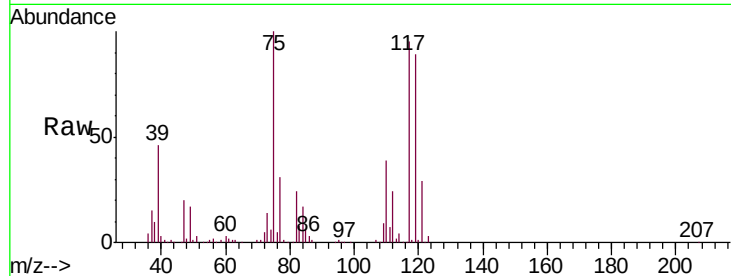




#29
 1,1-Dichloropropene
 Concen: 9.005 ug/l
 RT: 5.13 min Scan# 1256
 Delta R.T. -0.00 min
 Lab File: VU029844.D
 Acq: 07 Mar 2019 09:47

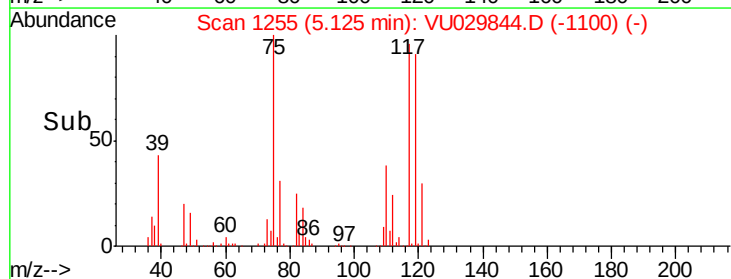
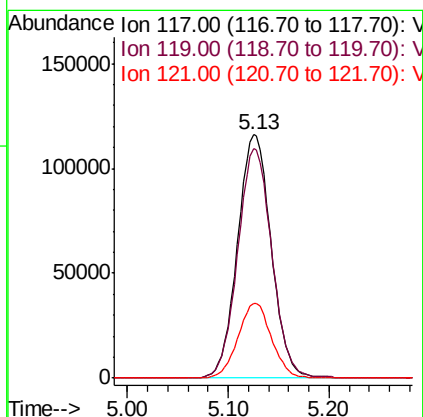
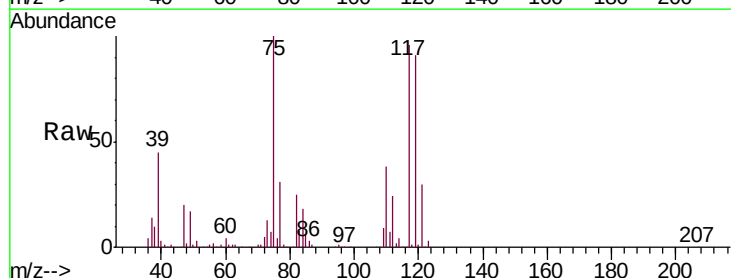
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

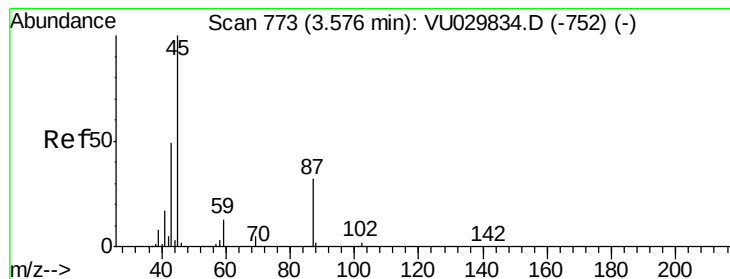
Tgt Ion	Ratio	Lower	Upper
75	100		
110	39.1	19.1	57.5
77	31.0	23.9	35.9



#30
 Carbon Tetrachloride
 Concen: 9.363 ug/l
 RT: 5.13 min Scan# 1255
 Delta R.T. -0.00 min
 Lab File: VU029844.D
 Acq: 07 Mar 2019 09:47

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.5	78.4	117.6
121	30.7	25.0	37.4





#31

Isopropyl Ether

Concen: 9.067 ug/l

RT: 3.57 min Scan# 772

Delta R.T. -0.00 min

Lab File: VU029844.D

Acq: 07 Mar 2019 09:47

Instrument :

MSVOA_U

ClientSampleId :

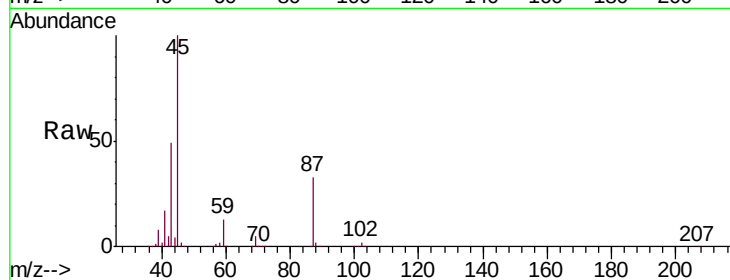
VSTDCCC010

Tgt Ion: 45 Resp: 479385

Ion Ratio Lower Upper

45 100

43 49.2 24.3 72.9



Abundance Ion 45.00 (44.70 to 45.70): VU029834.D (-752) (-)

Ion 43.00 (42.70 to 43.70): VU029834.D (-752) (-)

3.57

200000

150000

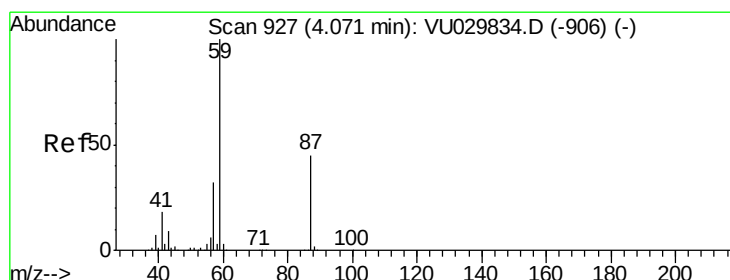
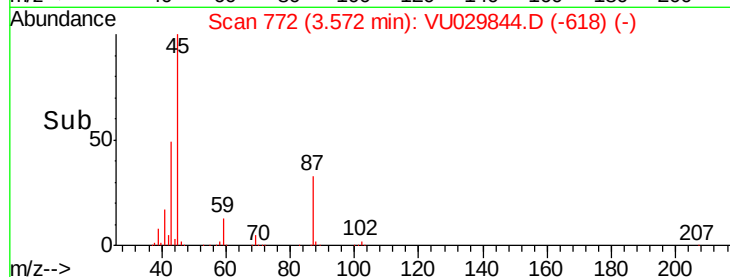
100000

50000

0

3.50 3.60 3.70

Time-->



#32

Ethyl-t-butyl ether

Concen: 9.234 ug/l

RT: 4.07 min Scan# 927

Delta R.T. -0.00 min

Lab File: VU029844.D

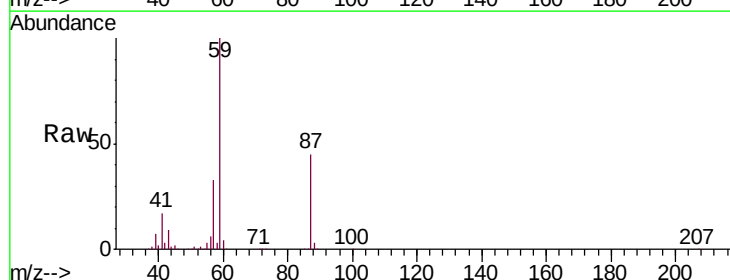
Acq: 07 Mar 2019 09:47

Tgt Ion: 59 Resp: 474529

Ion Ratio Lower Upper

59 100

87 45.1 36.2 54.4



Abundance Ion 59.00 (58.70 to 59.70): VU029834.D (-906) (-)

Ion 87.00 (86.70 to 87.70): VU029834.D (-906) (-)

4.07

200000

150000

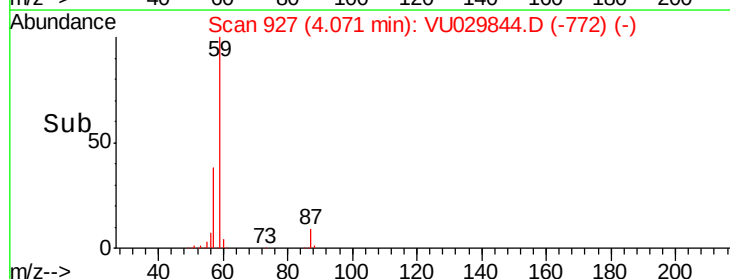
100000

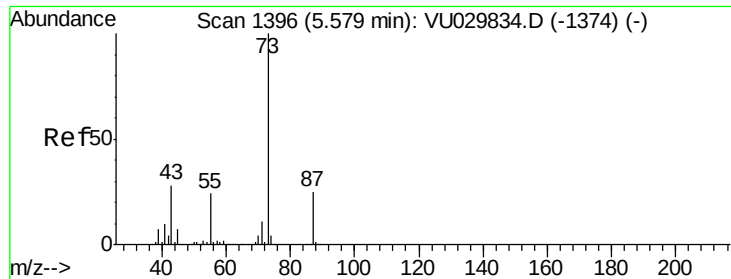
50000

0

4.00 4.10 4.20

Time-->

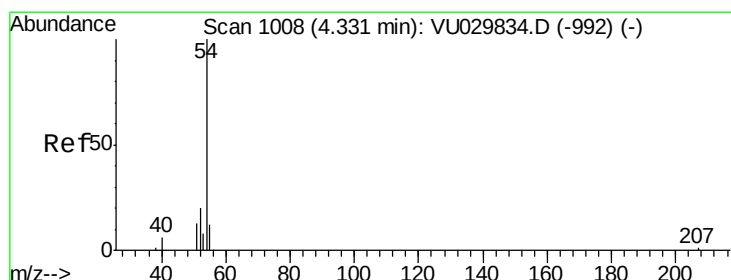
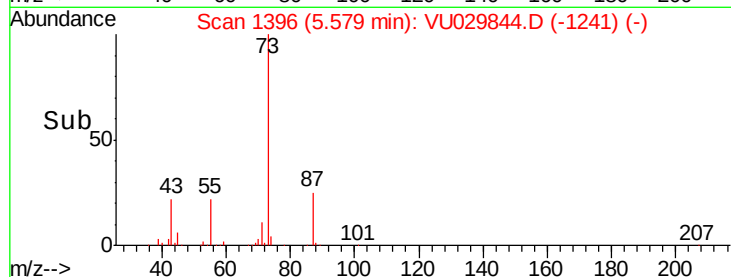
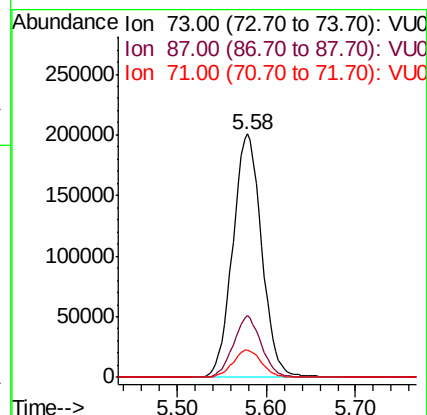
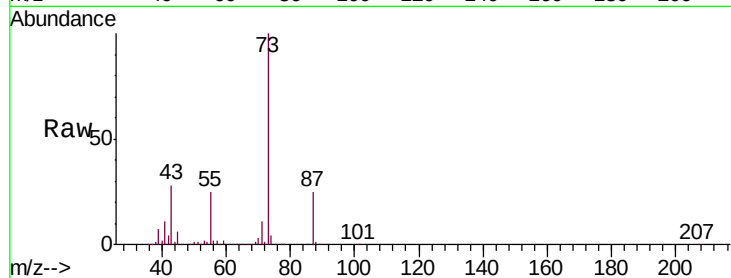




#33
Tert-Amyl methyl ether
Concen: 9.436 ug/l
RT: 5.58 min Scan# 1396
Delta R.T. -0.00 min
Lab File: VU029844.D
Acq: 07 Mar 2019 09:47

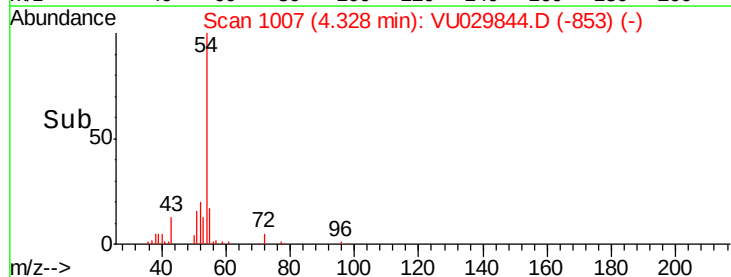
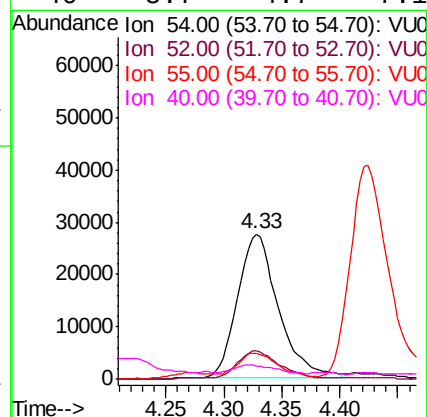
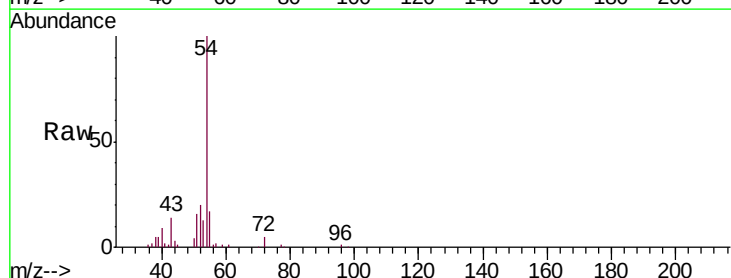
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

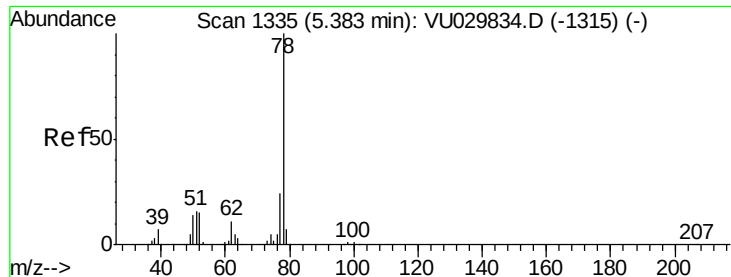
Tgt Ion: 73 Resp: 448434
Ion Ratio Lower Upper
73 100
87 24.4 19.7 29.5
71 11.2 9.4 14.2



#34
Propionitrile
Concen: 45.376 ug/l
RT: 4.33 min Scan# 1007
Delta R.T. -0.00 min
Lab File: VU029844.D
Acq: 07 Mar 2019 09:47

Tgt Ion: 54 Resp: 67185
Ion Ratio Lower Upper
54 100
52 21.0 16.1 24.1
55 16.2 11.2 16.8
40 5.7 4.7 7.1





#35

Benzene

Concen: 9.123 ug/l

RT: 5.38 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VU029844.D

Acq: 07 Mar 2019 09:47

Instrument :

MSVOA_U

ClientSampleId :

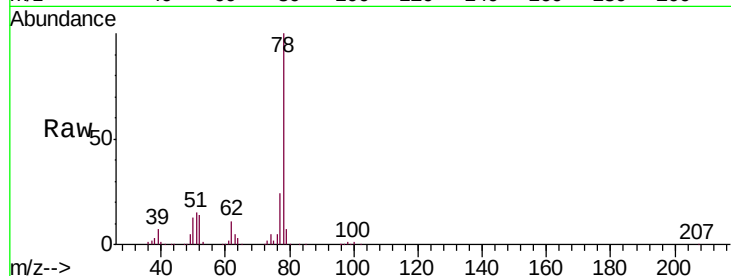
VSTDCCC010

Tgt Ion: 78 Resp: 785972

Ion Ratio Lower Upper

78 100

77 24.1 19.2 28.8



Abundance Ion 78.10 (77.80 to 78.80): VU029834.D (-1315) (-)

Ion 77.00 (76.70 to 77.70): VU029834.D (-1315) (-)

5.38

400000

300000

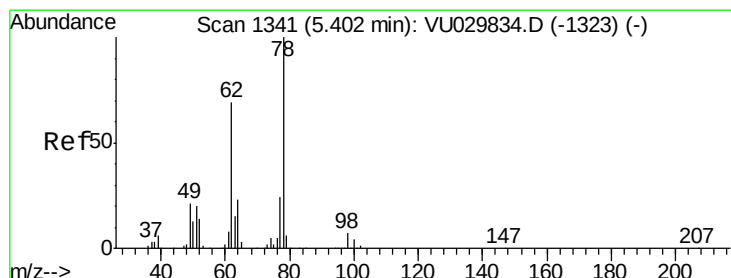
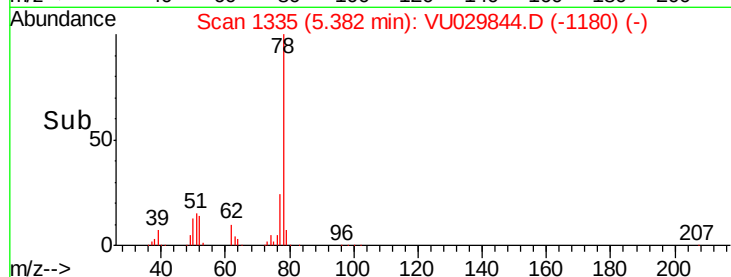
200000

100000

0

Time-->

5.30 5.40 5.50



#36

1,2-Dichloroethane

Concen: 8.897 ug/l

RT: 5.40 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VU029844.D

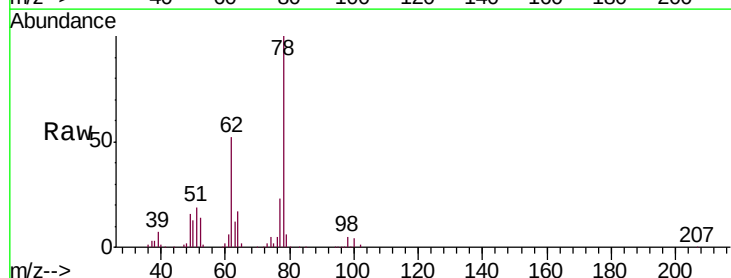
Acq: 07 Mar 2019 09:47

Tgt Ion: 62 Resp: 209358

Ion Ratio Lower Upper

62 100

98 10.0 8.2 12.2



Abundance Ion 62.00 (61.70 to 62.70): VU029834.D (-1323) (-)

Ion 98.00 (97.70 to 98.70): VU029834.D (-1323) (-)

5.40

100000

80000

60000

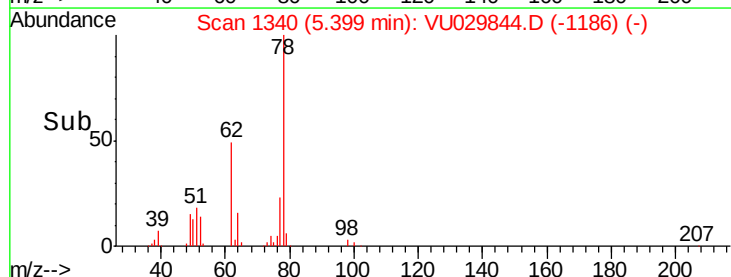
40000

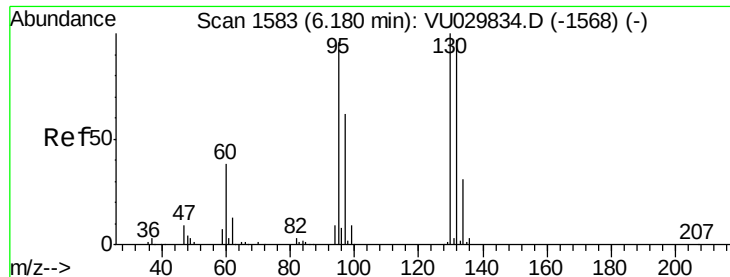
20000

0

Time-->

5.30 5.40 5.50





#37

Trichloroethene

Concen: 8.847 ug/l

RT: 6.18 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VU029844.D

Acq: 07 Mar 2019 09:47

Instrument :

MSVOA_U

ClientSampleId :

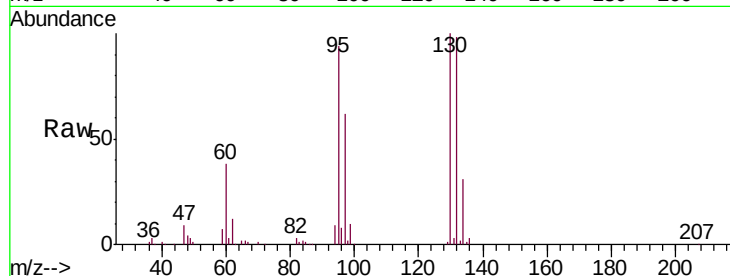
VSTDCCC010

Tgt Ion:130 Resp: 222537

Ion Ratio Lower Upper

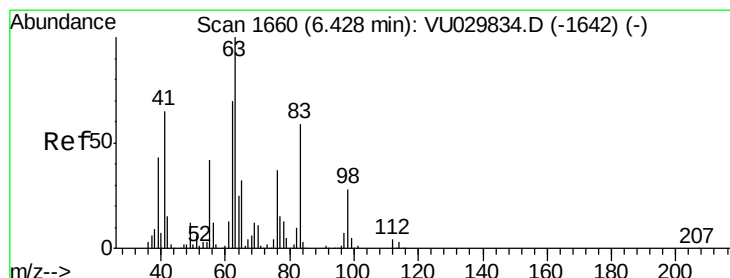
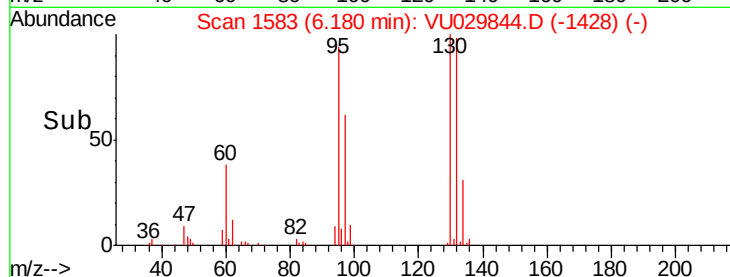
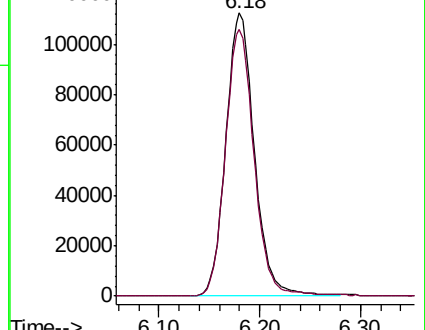
130 100

95 94.4 76.6 114.8



Abundance Ion 129.90 (129.60 to 130.60): VU029834.D (-1568) (-)

Ion 94.90 (94.60 to 95.60): VU029834.D (-1568) (-)



#38

1,2-Dichloropropane

Concen: 9.135 ug/l

RT: 6.43 min Scan# 1660

Delta R.T. -0.00 min

Lab File: VU029844.D

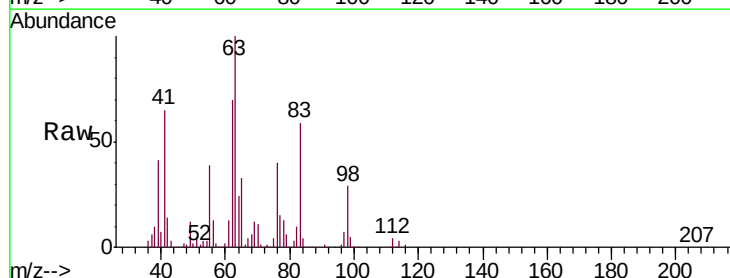
Acq: 07 Mar 2019 09:47

Tgt Ion: 63 Resp: 199214

Ion Ratio Lower Upper

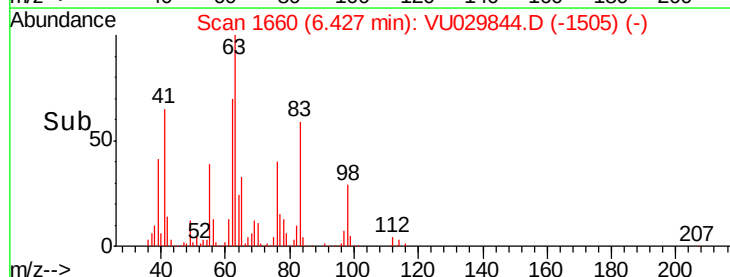
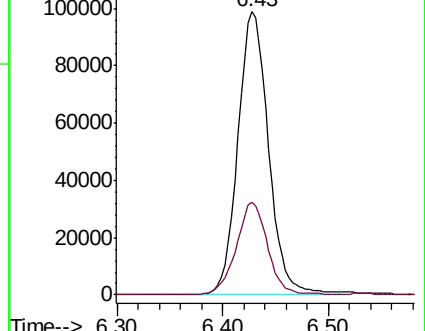
63 100

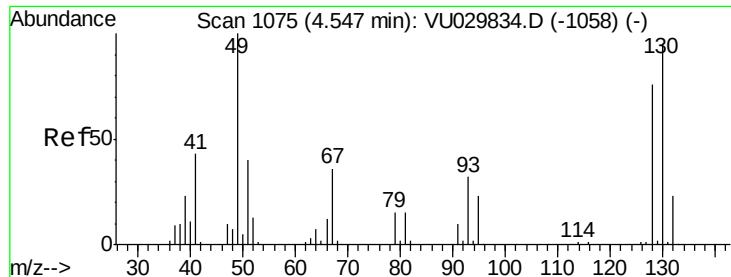
65 32.6 25.4 38.2



Abundance Ion 63.00 (62.70 to 63.70): VU029834.D (-1642) (-)

Ion 65.00 (64.70 to 65.70): VU029834.D (-1642) (-)

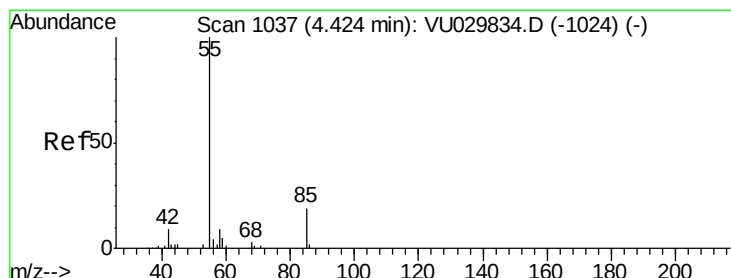
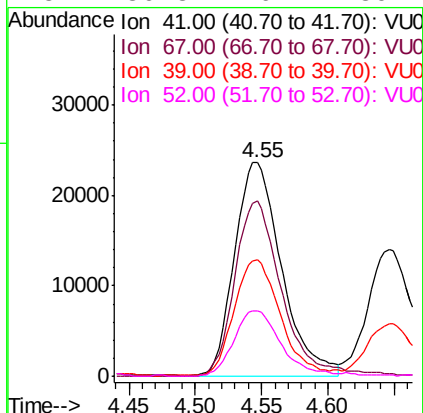
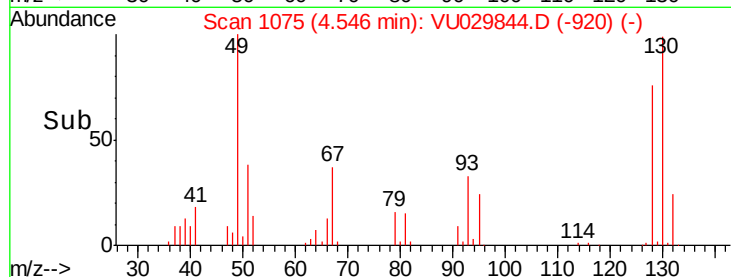
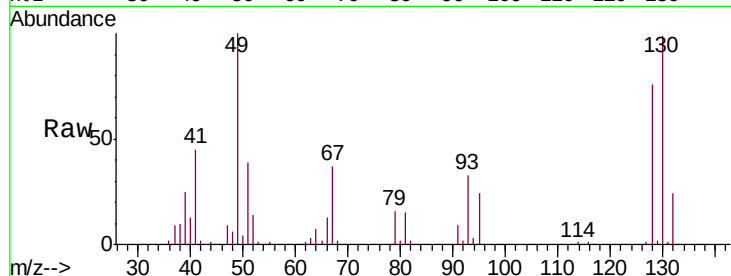




#39
Methacrylonitrile
Concen: 9.385 ug/l
RT: 4.55 min Scan# 1075
Delta R.T. -0.00 min
Lab File: VU029844.D
Acq: 07 Mar 2019 09:47

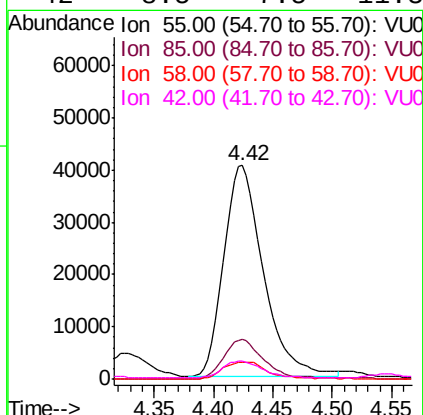
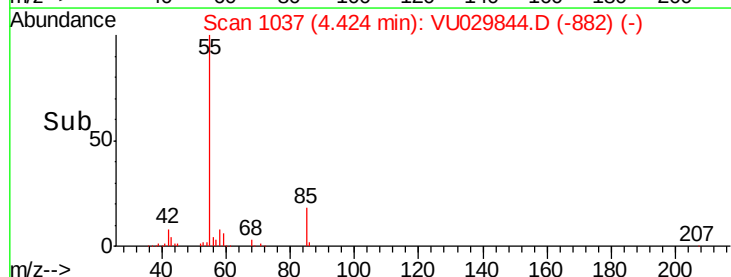
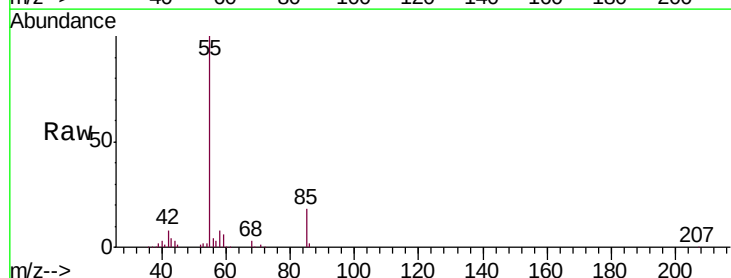
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

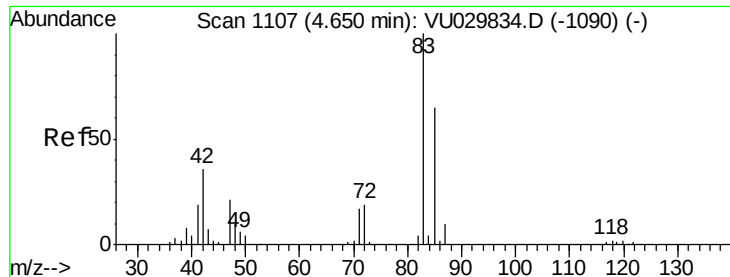
Tgt Ion: 41 Resp: 58450
Ion Ratio Lower Upper
41 100
67 81.9 68.4 102.6
39 52.1 42.6 63.8
52 30.3 26.2 39.4



#40
Methyl acrylate
Concen: 9.481 ug/l
RT: 4.42 min Scan# 1037
Delta R.T. -0.00 min
Lab File: VU029844.D
Acq: 07 Mar 2019 09:47

Tgt Ion: 55 Resp: 93332
Ion Ratio Lower Upper
55 100
85 19.1 15.2 22.8
58 9.0 7.6 11.4
42 8.5 7.5 11.3





#41

Tetrahydrofuran

Concen: 17.718 ug/l

RT: 4.65 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VU029844.D

Acq: 07 Mar 2019 09:47

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

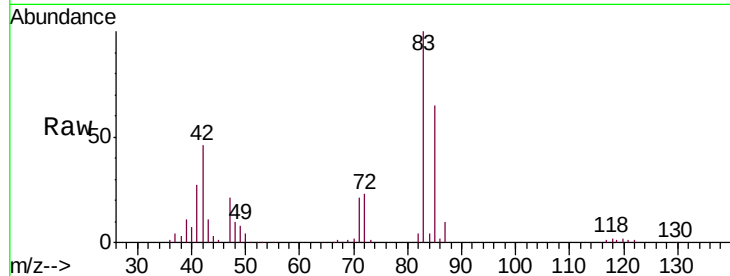
Tgt Ion: 42 Resp: 57717

Ion Ratio Lower Upper

42 100

72 54.8 43.6 65.4

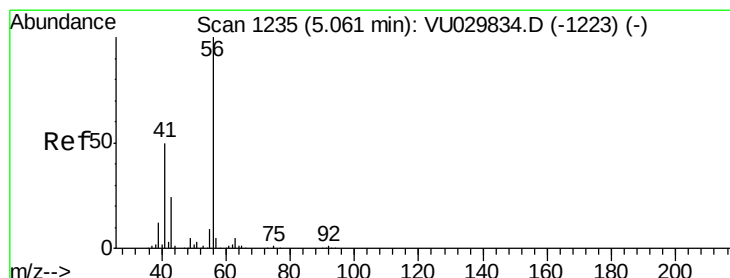
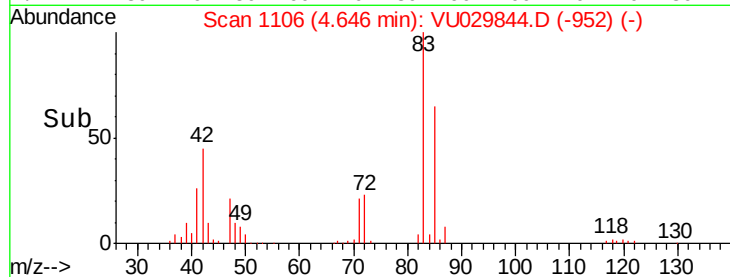
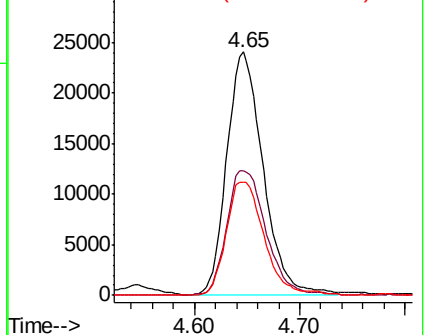
71 47.6 37.5 56.3



Abundance Ion 42.00 (41.70 to 42.70): VU0

Ion 72.00 (71.70 to 72.70): VU0

Ion 71.00 (70.70 to 71.70): VU0



#42

1-Chlorobutane

Concen: 9.381 ug/l

RT: 5.06 min Scan# 1234

Delta R.T. -0.00 min

Lab File: VU029844.D

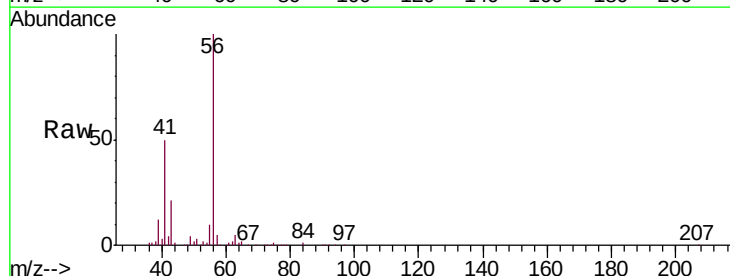
Acq: 07 Mar 2019 09:47

Tgt Ion: 56 Resp: 350516

Ion Ratio Lower Upper

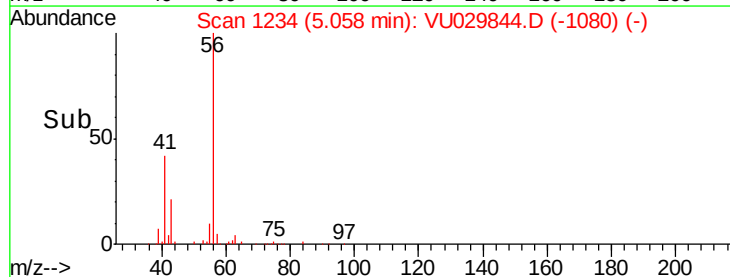
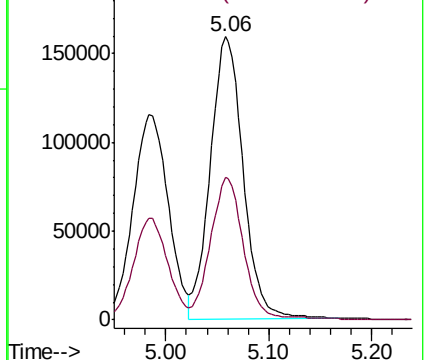
56 100

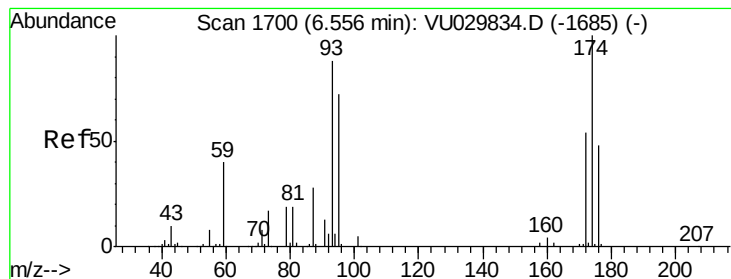
41 50.5 25.0 75.0



Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 41.00 (40.70 to 41.70): VU0





#43

Dibromomethane

Concen: 9.114 ug/l

RT: 6.56 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VU029844.D

Acq: 07 Mar 2019 09:47

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

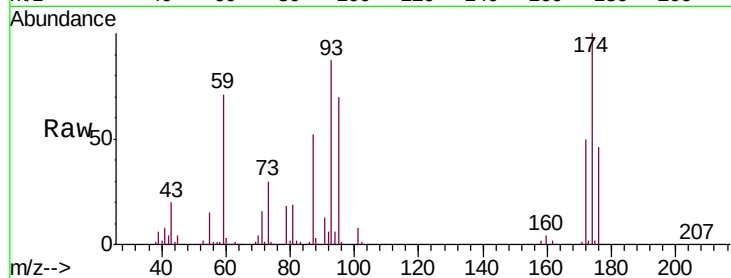
Tgt Ion: 93 Resp: 103014

Ion Ratio Lower Upper

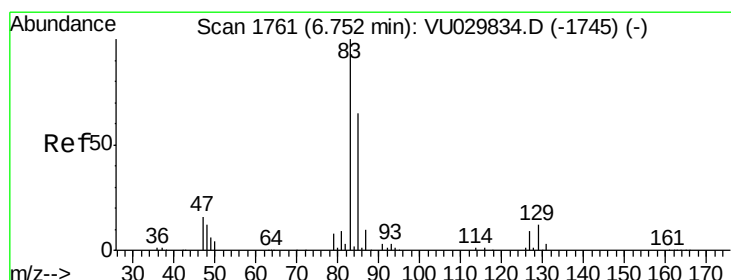
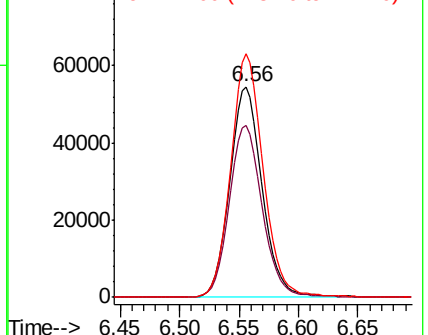
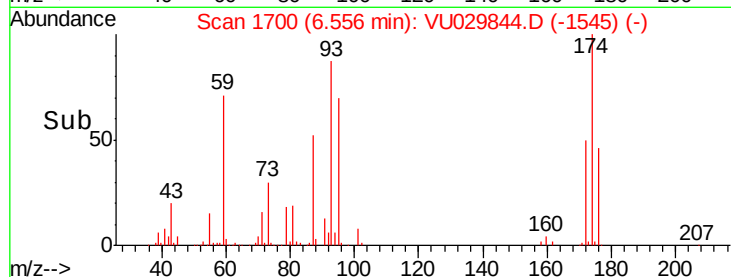
93 100

95 83.7 67.0 100.6

174 115.8 91.4 137.2



Abundance Ion 93.00 (92.70 to 93.70): VU029844.D (-1545) (-)



#44

Bromodichloromethane

Concen: 9.157 ug/l

RT: 6.75 min Scan# 1761

Delta R.T. -0.00 min

Lab File: VU029844.D

Acq: 07 Mar 2019 09:47

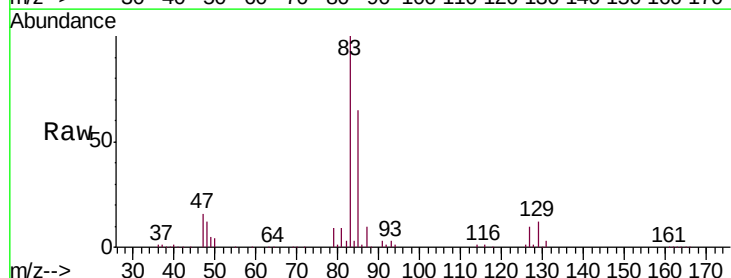
Tgt Ion: 83 Resp: 254190

Ion Ratio Lower Upper

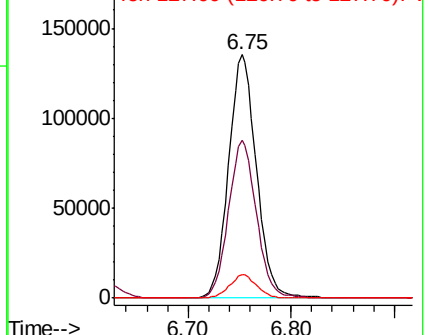
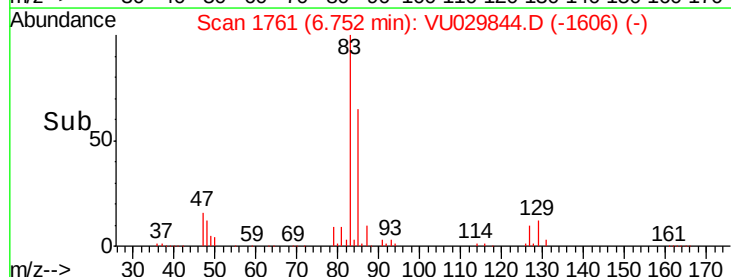
83 100

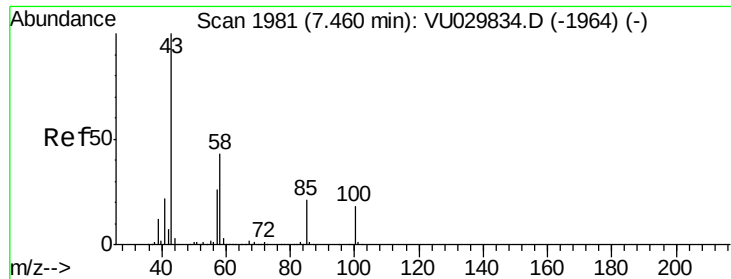
85 64.9 51.7 77.5

127 9.8 7.4 11.2



Abundance Ion 83.00 (82.70 to 83.70): VU029844.D (-1606) (-)

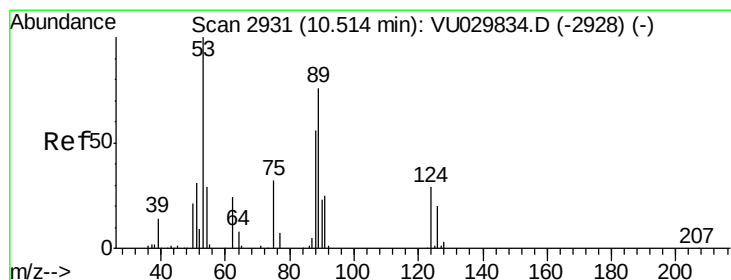
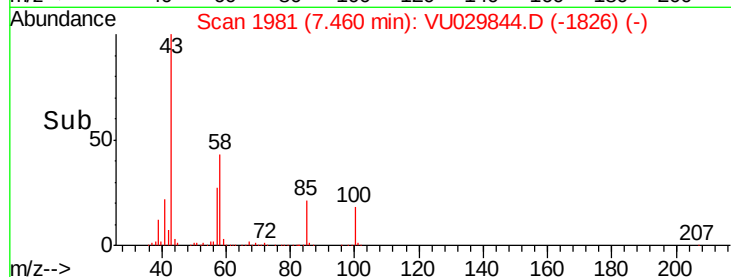
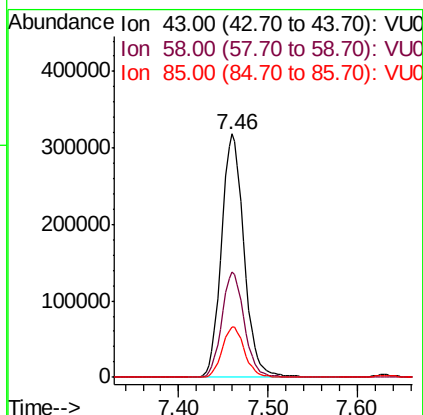
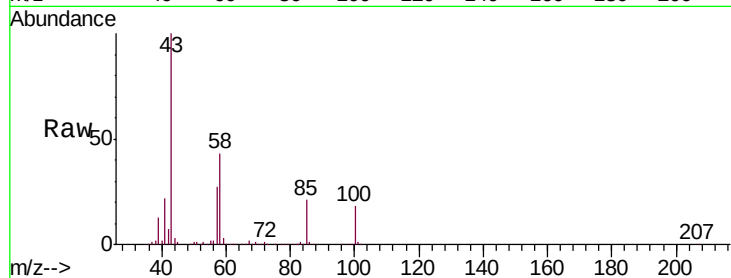




#45
4-Methyl-2-Pentanone
Concen: 47.317 ug/l
RT: 7.46 min Scan# 1981
Delta R.T. -0.00 min
Lab File: VU029844.D
Acq: 07 Mar 2019 09:47

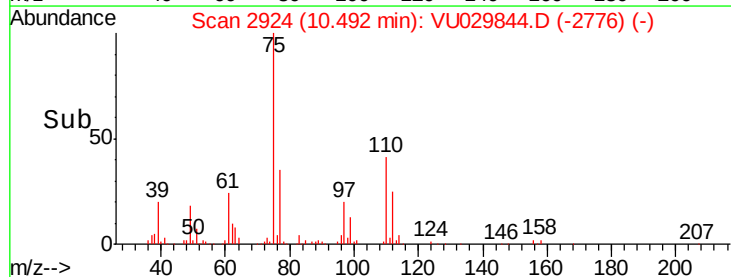
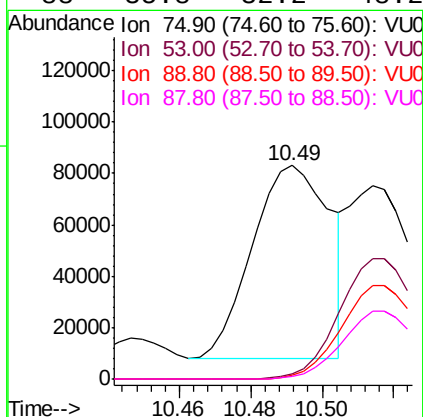
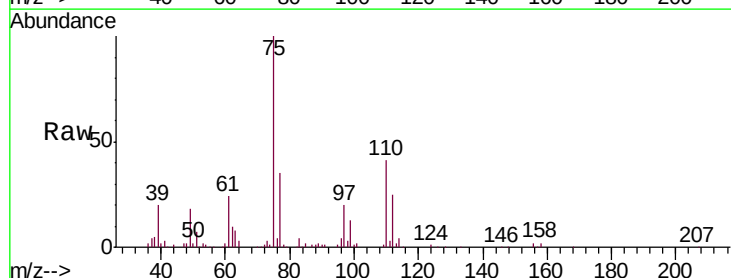
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

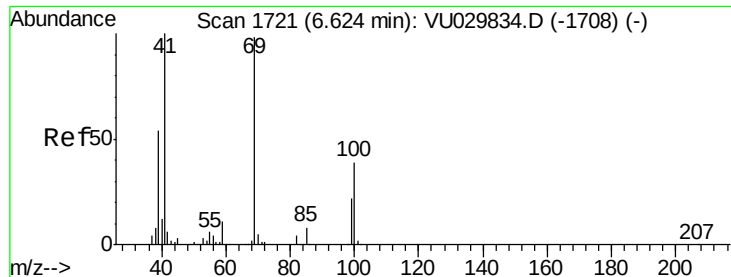
Tgt Ion: 43 Resp: 557785
Ion Ratio Lower Upper
43 100
58 43.1 21.6 65.0
85 20.6 16.5 24.7



#46
t-1,4-Dichloro-2-butene
Concen: 22.994 ug/l
RT: 10.49 min Scan# 2924
Delta R.T. -0.02 min
Lab File: VU029844.D
Acq: 07 Mar 2019 09:47

Tgt Ion: 75 Resp: 113321
Ion Ratio Lower Upper
75 100
53 64.5 59.2 88.8
89 49.7 44.9 67.3
88 35.8 32.2 48.2





#47

Methyl methacrylate

Concen: 19.389 ug/l

RT: 6.62 min Scan# 1720

Delta R.T. -0.00 min

Lab File: VU029844.D

Acq: 07 Mar 2019 09:47

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 69 Resp: 188063

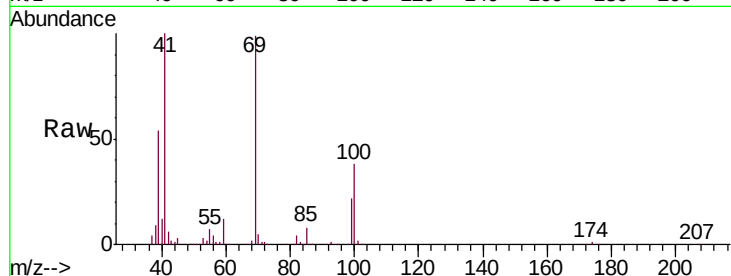
Ion Ratio Lower Upper

69 100

41 99.8 0.0 201.0

39 53.7 43.3 64.9

100 38.1 31.5 47.3

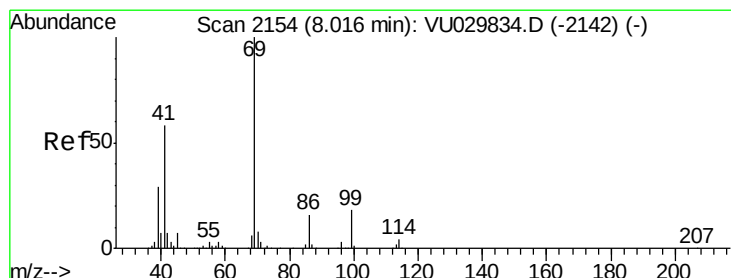
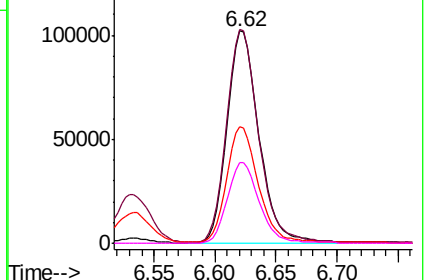
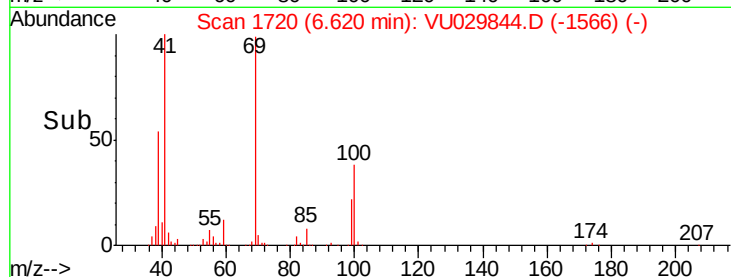


Abundance Ion 69.00 (68.70 to 69.70): VU029834.D (-1708) (-)

Ion 41.00 (40.70 to 41.70): VU029834.D (-1708) (-)

Ion 39.00 (38.70 to 39.70): VU029834.D (-1708) (-)

Ion 100.00 (99.70 to 100.70): VU029834.D (-1708) (-)



#48

Ethyl methacrylate

Concen: 10.091 ug/l

RT: 8.02 min Scan# 2154

Delta R.T. -0.00 min

Lab File: VU029844.D

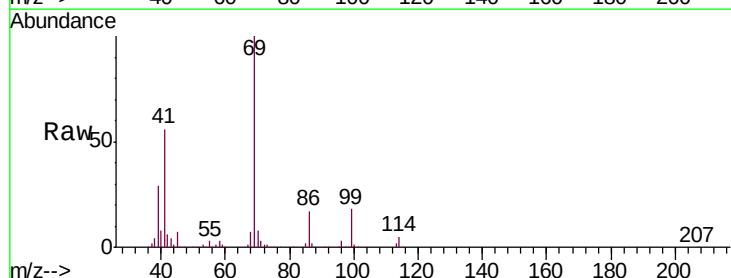
Acq: 07 Mar 2019 09:47

Tgt Ion: 69 Resp: 187538

Ion Ratio Lower Upper

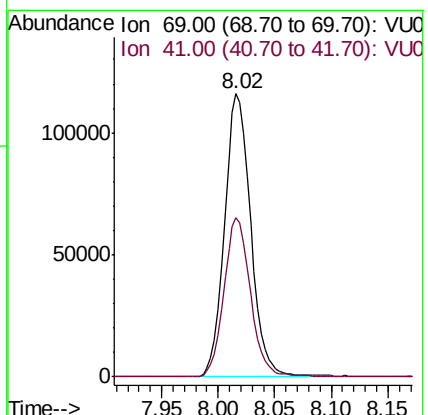
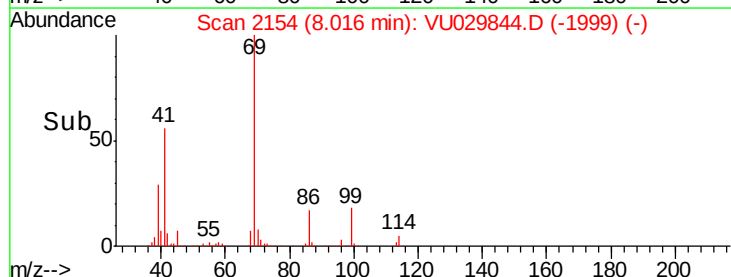
69 100

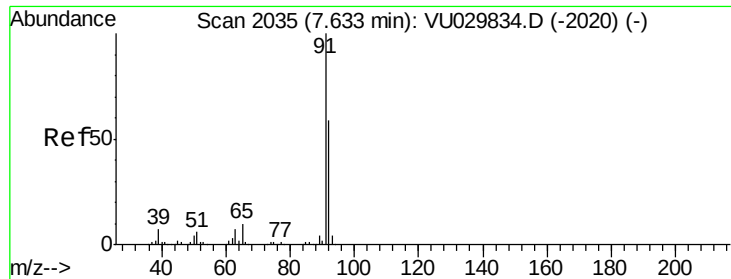
41 56.9 29.0 87.1



Abundance Ion 69.00 (68.70 to 69.70): VU029834.D (-2142) (-)

Ion 41.00 (40.70 to 41.70): VU029834.D (-2142) (-)





#49

Toluene

Concen: 9.345 ug/l

RT: 7.63 min Scan# 2034

Delta R.T. -0.00 min

Lab File: VU029844.D

Acq: 07 Mar 2019 09:47

Instrument :

MSVOA_U

ClientSampleId :

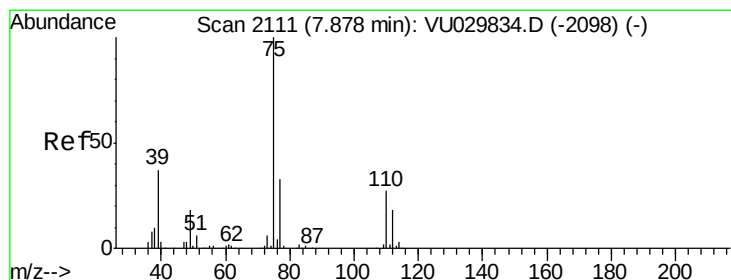
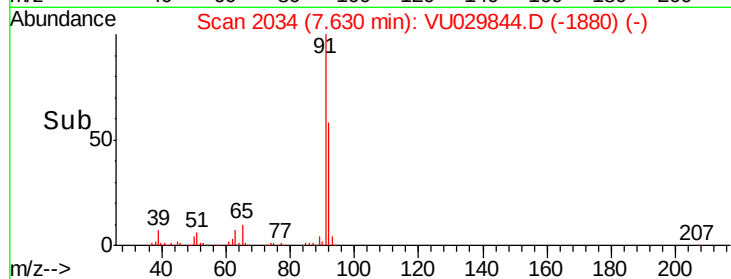
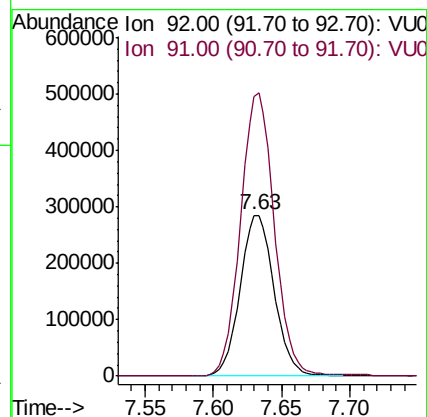
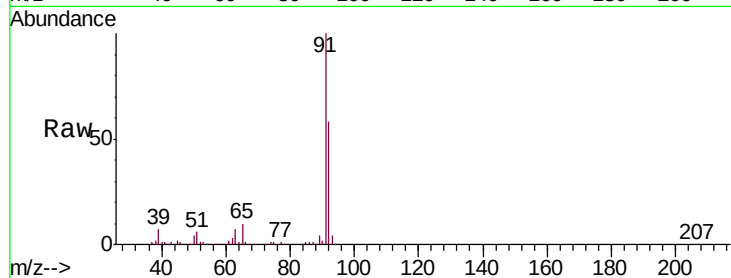
VSTDCCC010

Tgt Ion: 92 Resp: 494461

Ion Ratio Lower Upper

92 100

91 175.8 137.8 206.8



#50

t-1,3-Dichloropropene

Concen: 9.584 ug/l

RT: 7.88 min Scan# 2111

Delta R.T. -0.00 min

Lab File: VU029844.D

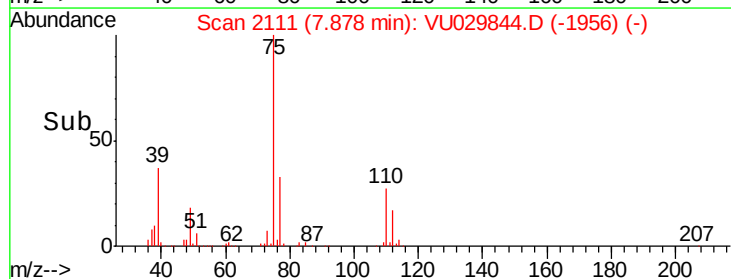
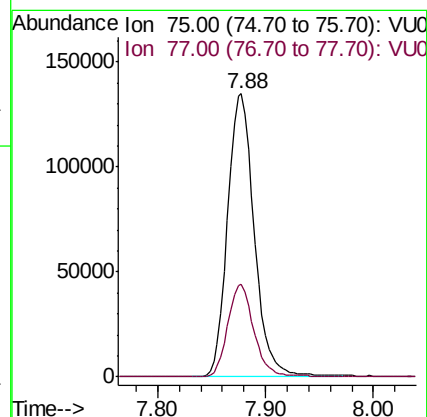
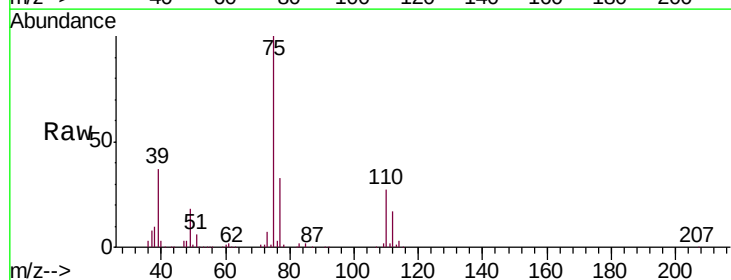
Acq: 07 Mar 2019 09:47

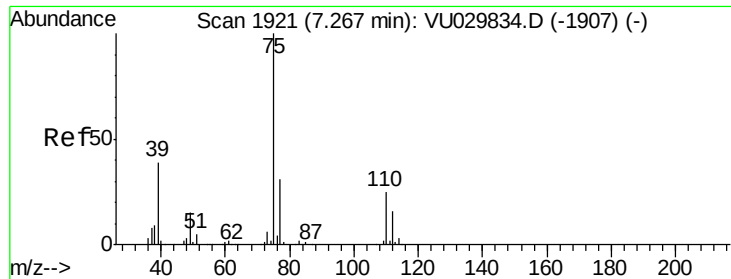
Tgt Ion: 75 Resp: 233153

Ion Ratio Lower Upper

75 100

77 32.6 26.4 39.6

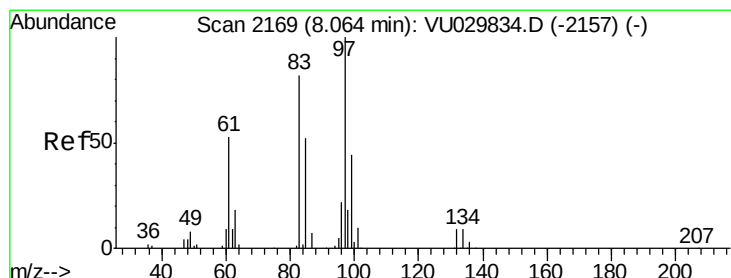
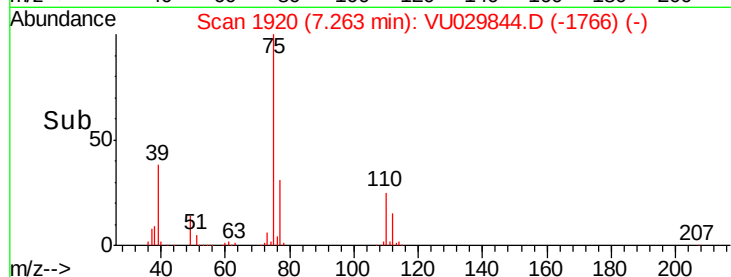
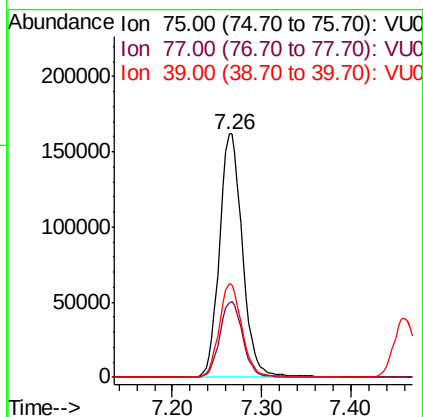
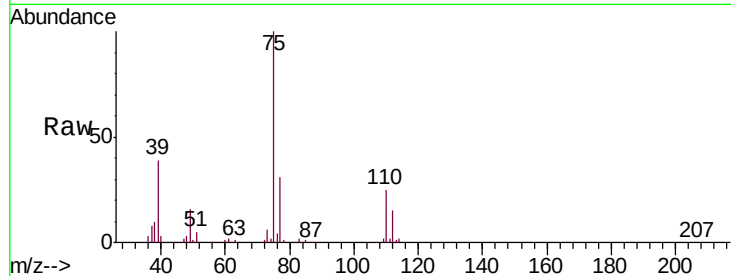




#51
 cis-1,3-Dichloropropene
 Concen: 9.601 ug/l
 RT: 7.26 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VU029844.D
 Acq: 07 Mar 2019 09:47

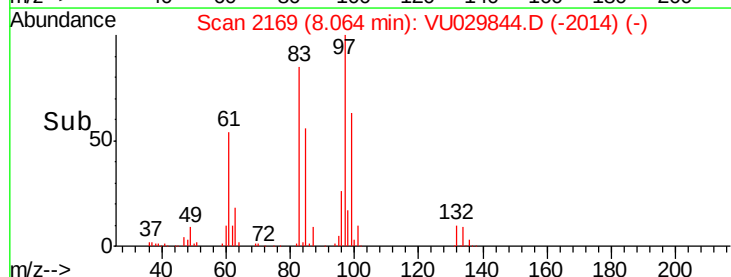
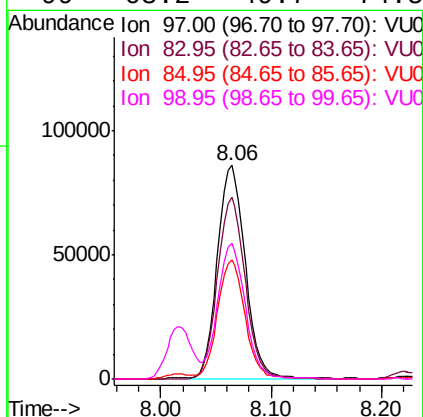
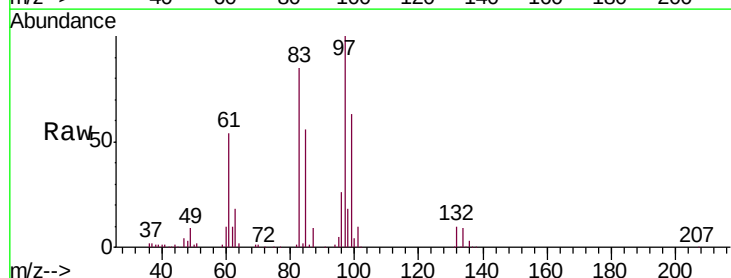
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

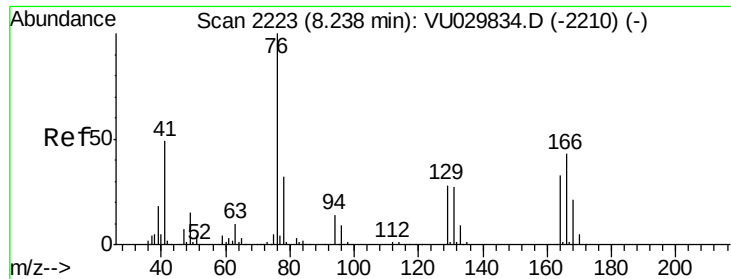
Tgt Ion: 75 Resp: 289143
 Ion Ratio Lower Upper
 75 100
 77 30.8 24.9 37.3
 39 38.5 30.8 46.2



#52
 1,1,2-Trichloroethane
 Concen: 8.969 ug/l
 RT: 8.06 min Scan# 2169
 Delta R.T. -0.00 min
 Lab File: VU029844.D
 Acq: 07 Mar 2019 09:47

Tgt Ion: 97 Resp: 150059
 Ion Ratio Lower Upper
 97 100
 83 85.3 65.9 98.9
 85 55.6 43.0 64.6
 99 63.2 49.7 74.5

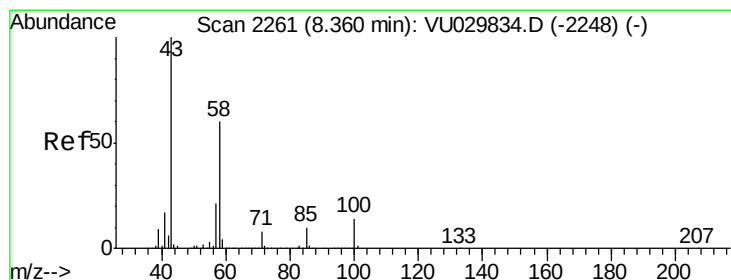
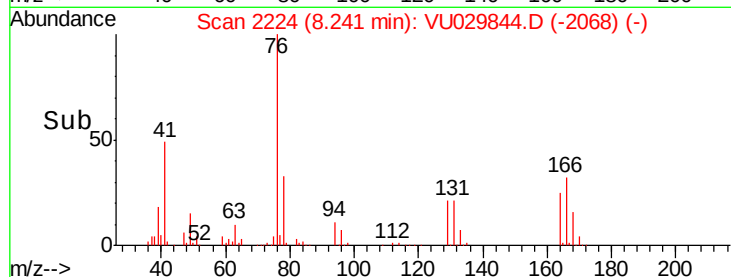
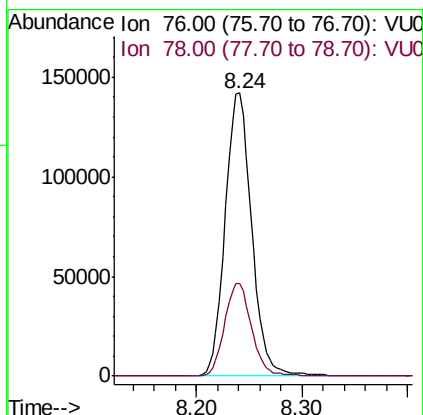
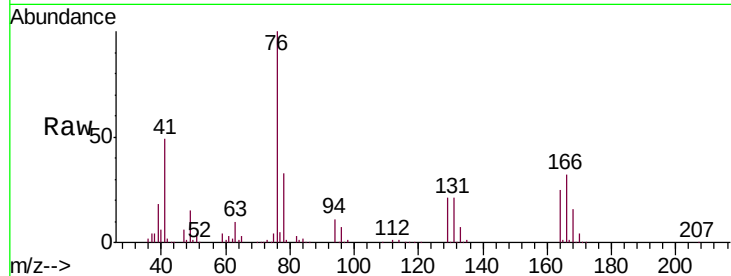




#53
 1,3-Dichloropropane
 Concen: 9.022 ug/l
 RT: 8.24 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VU029844.D
 Acq: 07 Mar 2019 09:47

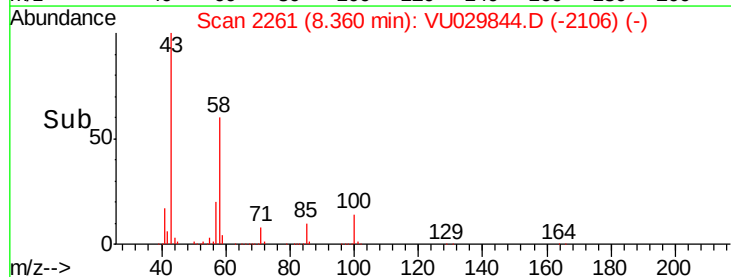
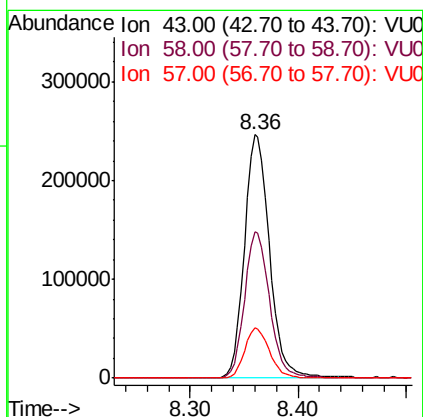
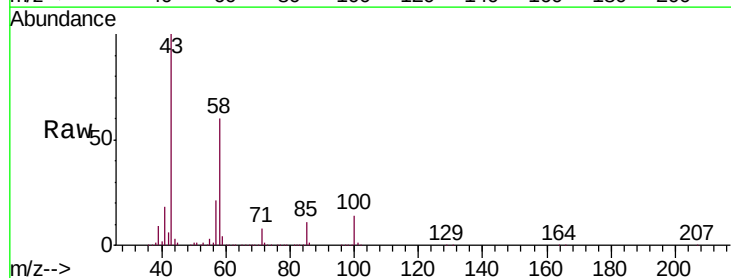
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

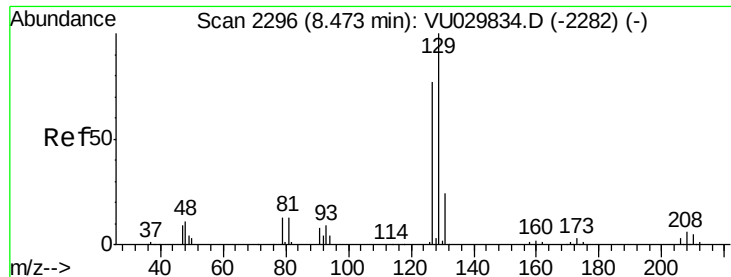
Tgt Ion: 76 Resp: 247584
 Ion Ratio Lower Upper
 76 100
 78 33.2 25.7 38.5



#54
 2-Hexanone
 Concen: 48.790 ug/l
 RT: 8.36 min Scan# 2261
 Delta R.T. -0.00 min
 Lab File: VU029844.D
 Acq: 07 Mar 2019 09:47

Tgt Ion: 43 Resp: 399447
 Ion Ratio Lower Upper
 43 100
 58 60.0 39.6 79.6
 57 20.5 0.5 40.5

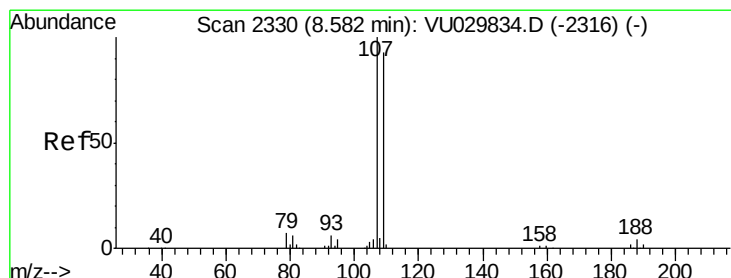
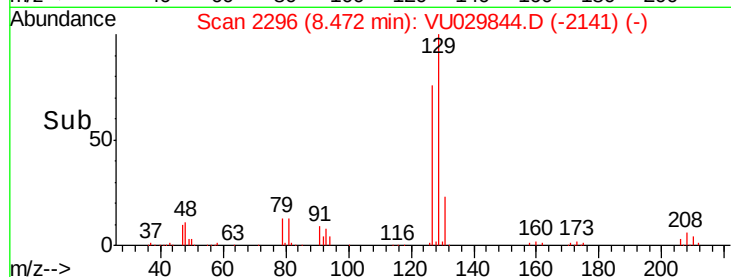
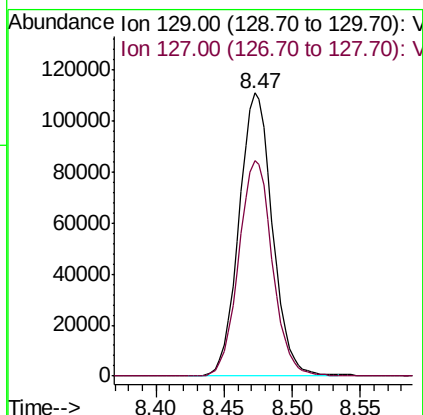
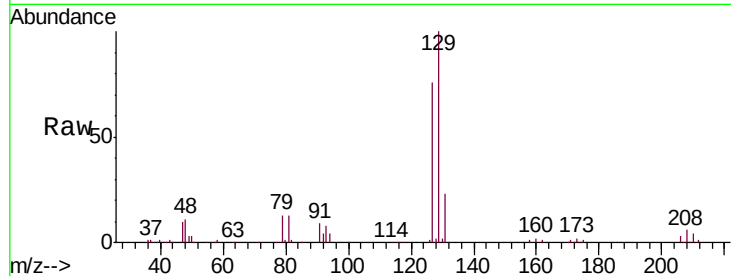




#55
 Dibromochloromethane
 Concen: 9.513 ug/l
 RT: 8.47 min Scan# 2296
 Delta R.T. -0.00 min
 Lab File: VU029844.D
 Acq: 07 Mar 2019 09:47

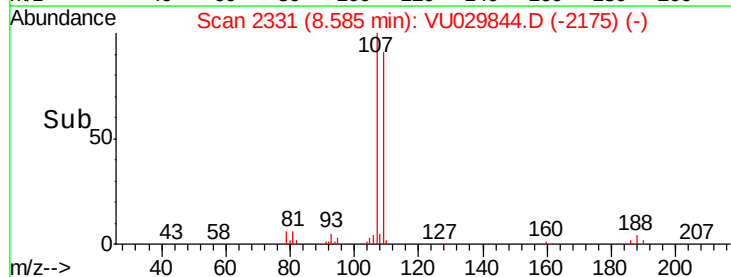
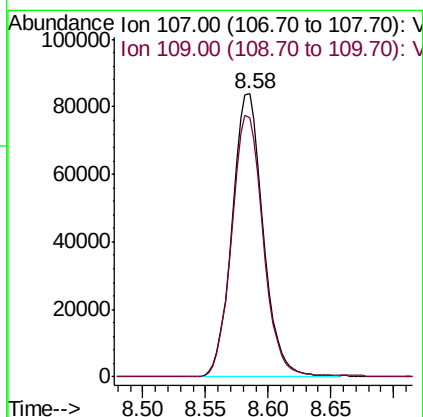
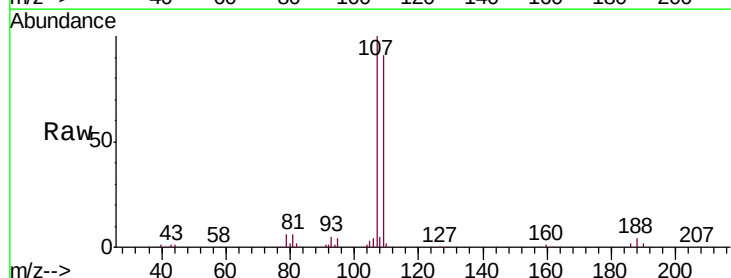
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

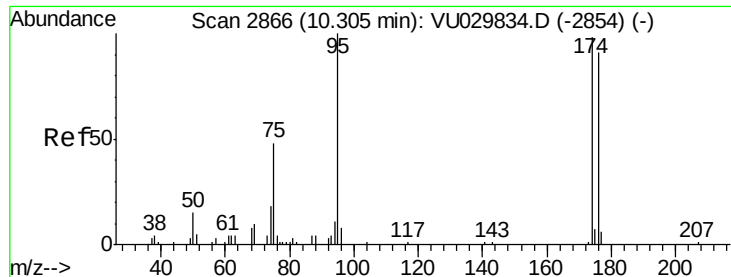
Tgt Ion:129 Resp: 188889
 Ion Ratio Lower Upper
 129 100
 127 76.7 61.6 92.4



#56
 1,2-Dibromoethane
 Concen: 9.090 ug/l
 RT: 8.58 min Scan# 2331
 Delta R.T. 0.00 min
 Lab File: VU029844.D
 Acq: 07 Mar 2019 09:47

Tgt Ion:107 Resp: 144203
 Ion Ratio Lower Upper
 107 100
 109 94.1 0.0 188.4

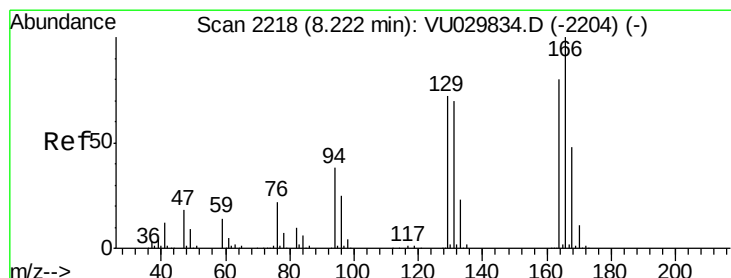
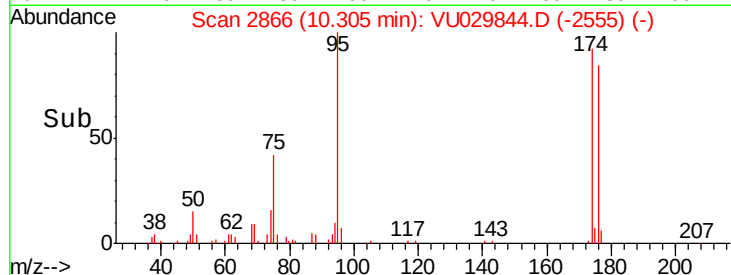
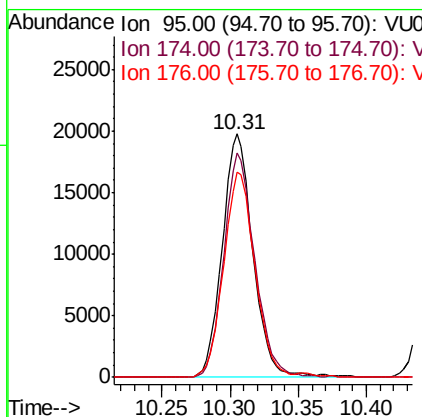
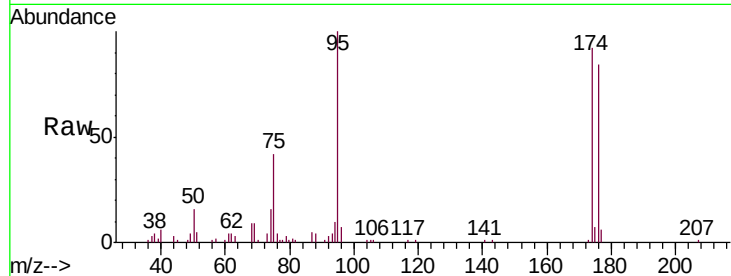




#57
4-Bromofluorobenzene
Concen: 9.090 ug/l
RT: 10.31 min Scan# 2866
Delta R.T. -0.00 min
Lab File: VU029844.D
Acq: 07 Mar 2019 09:47

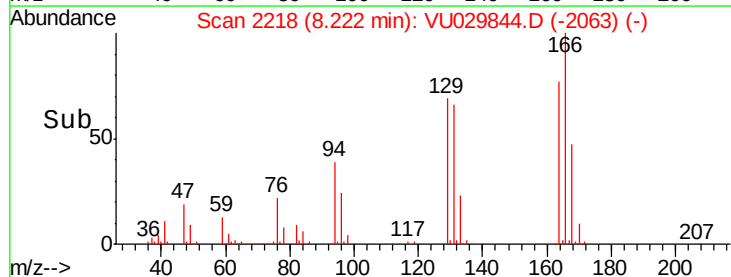
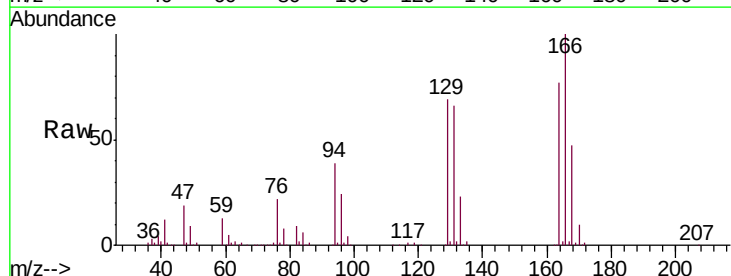
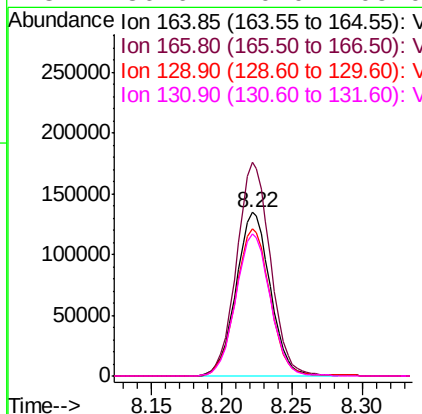
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

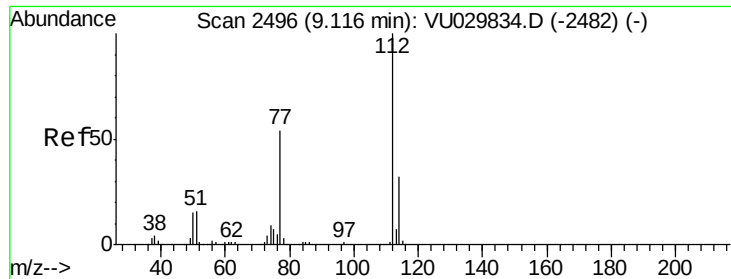
Tgt Ion: 95 Resp: 30886
Ion Ratio Lower Upper
95 100
174 92.8 76.5 114.7
176 85.8 74.2 111.2



#58
Tetrachloroethene
Concen: 8.904 ug/l
RT: 8.22 min Scan# 2218
Delta R.T. -0.00 min
Lab File: VU029844.D
Acq: 07 Mar 2019 09:47

Tgt Ion: 164 Resp: 228788
Ion Ratio Lower Upper
164 100
166 130.7 100.5 150.7
129 90.3 72.3 108.5
131 86.6 70.0 105.0

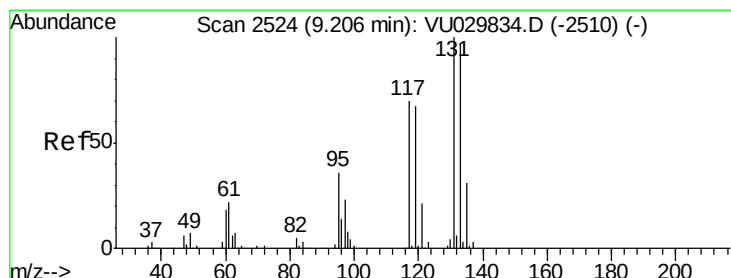
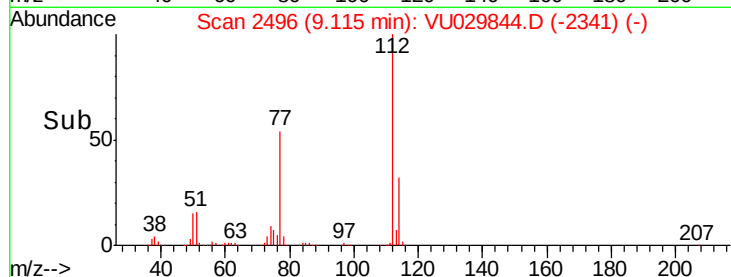
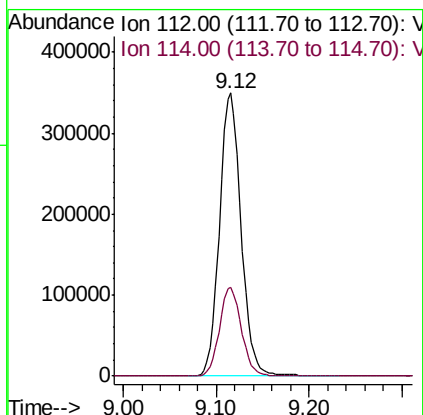
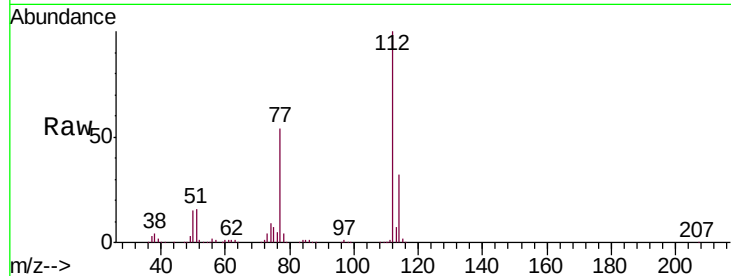




#59
Chlorobenzene
Concen: 9.295 ug/l
RT: 9.12 min Scan# 2496
Delta R.T. -0.00 min
Lab File: VU029844.D
Acq: 07 Mar 2019 09:47

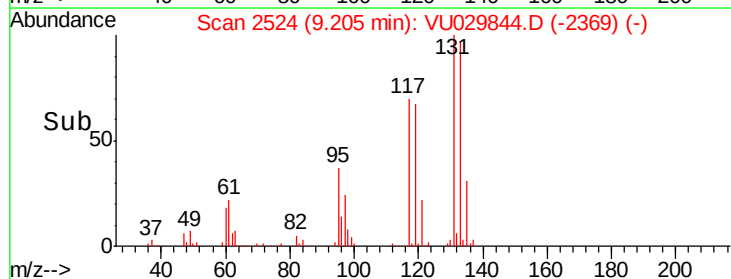
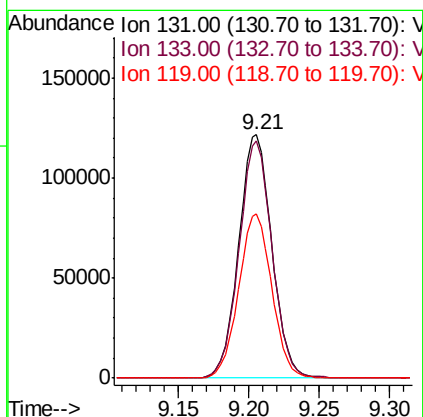
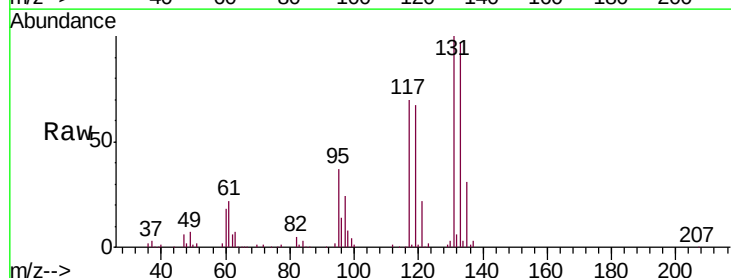
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

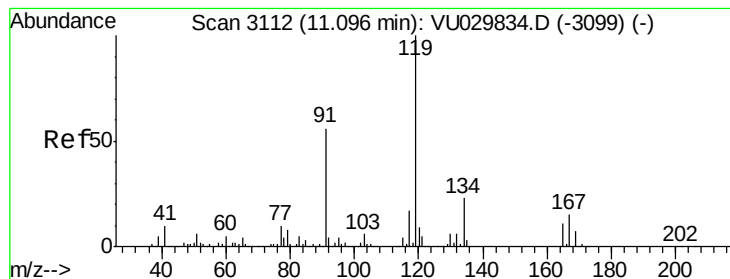
Tgt Ion:112 Resp: 565222
Ion Ratio Lower Upper
112 100
114 31.6 25.4 38.2



#60
1,1,1,2-Tetrachloroethane
Concen: 9.185 ug/l
RT: 9.21 min Scan# 2524
Delta R.T. -0.00 min
Lab File: VU029844.D
Acq: 07 Mar 2019 09:47

Tgt Ion:131 Resp: 200357
Ion Ratio Lower Upper
131 100
133 97.4 76.4 114.6
119 67.6 54.2 81.4





#61

Pentachloroethane

Concen: 9.275 ug/l

RT: 11.10 min Scan# 3113

Delta R.T. 0.00 min

Lab File: VU029844.D

Acq: 07 Mar 2019 09:47

Instrument :

MSVOA_U

ClientSampleId :

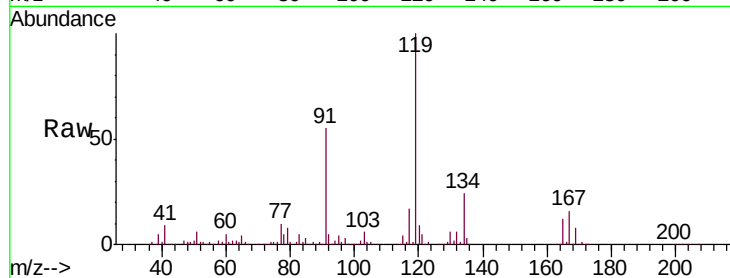
VSTDCCC010

Tgt Ion:117 Resp: 140855

Ion Ratio Lower Upper

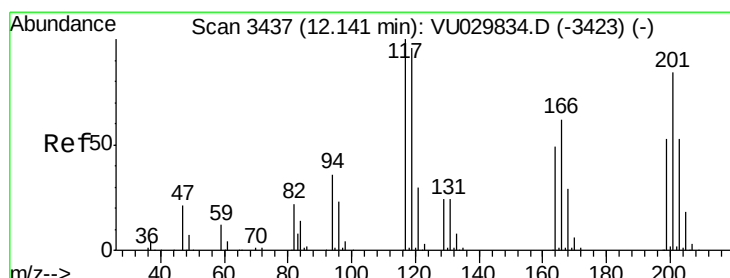
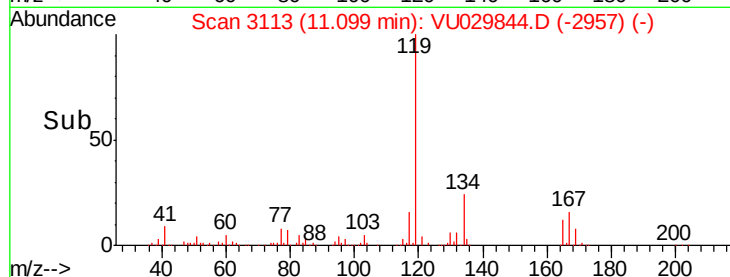
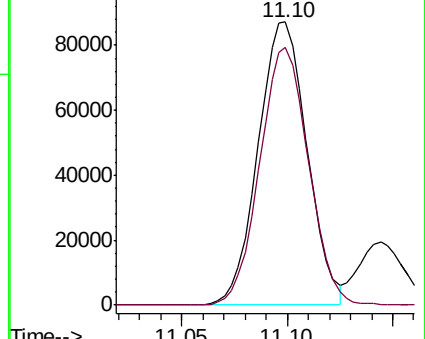
117 100

167 90.8 71.4 107.2



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 166.70 (166.40 to 167.40): V



#62

Hexachloroethane

Concen: 10.056 ug/l

RT: 12.14 min Scan# 3437

Delta R.T. -0.00 min

Lab File: VU029844.D

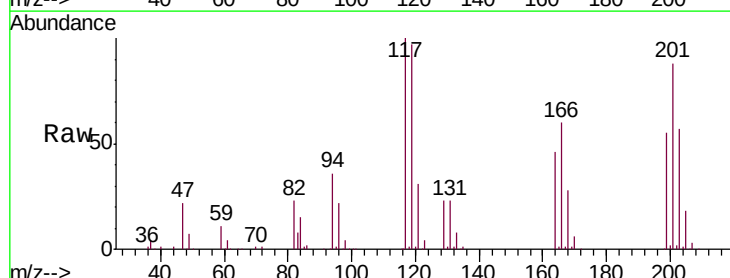
Acq: 07 Mar 2019 09:47

Tgt Ion:117 Resp: 160653

Ion Ratio Lower Upper

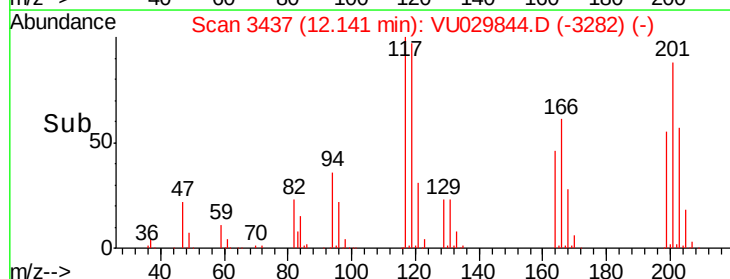
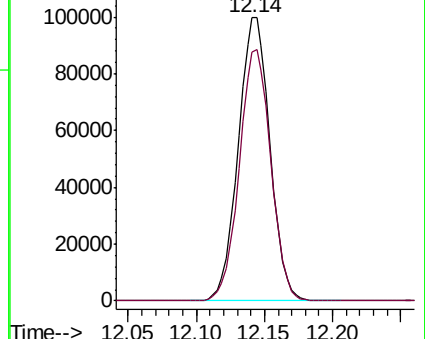
117 100

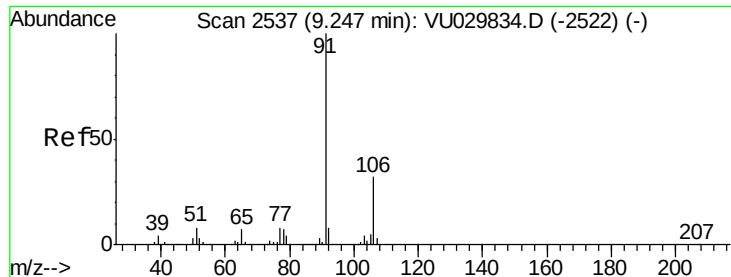
201 88.1 68.2 102.2



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.60 (200.30 to 201.30): V

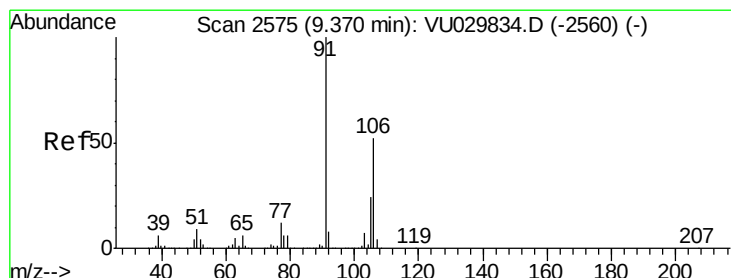
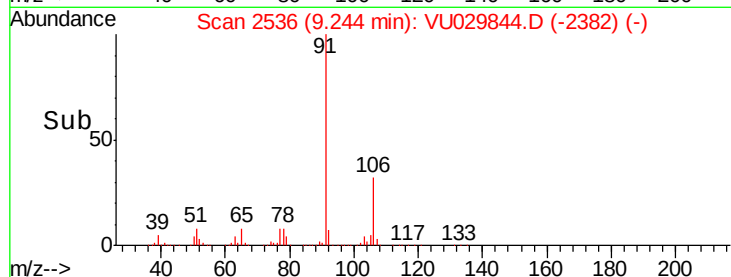
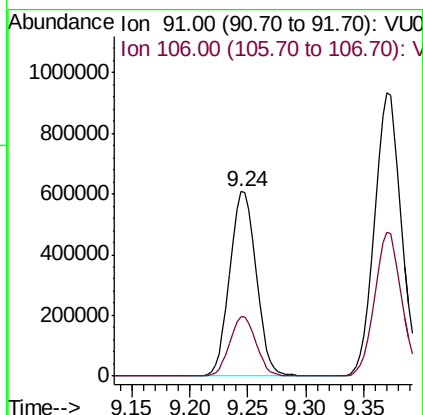
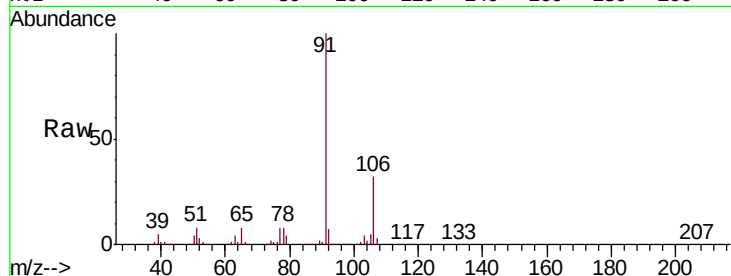




#63
Ethyl Benzene
Concen: 9.645 ug/l
RT: 9.24 min Scan# 2536
Delta R.T. -0.00 min
Lab File: VU029844.D
Acq: 07 Mar 2019 09:47

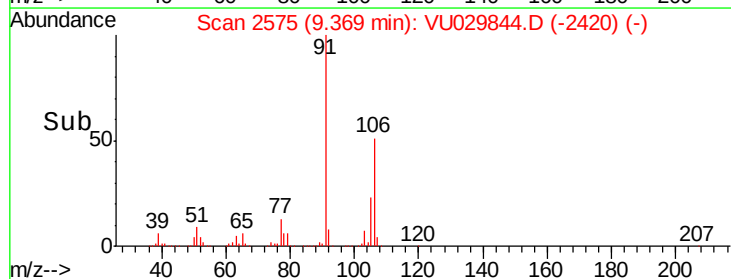
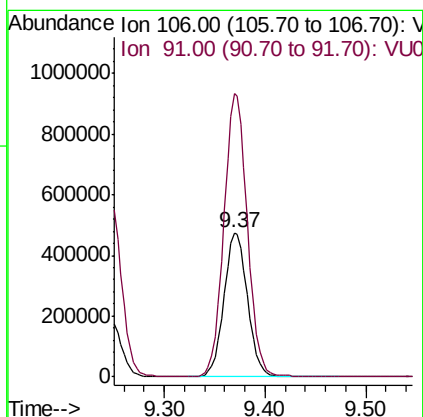
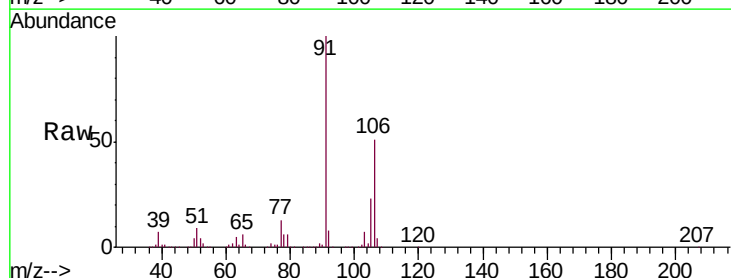
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

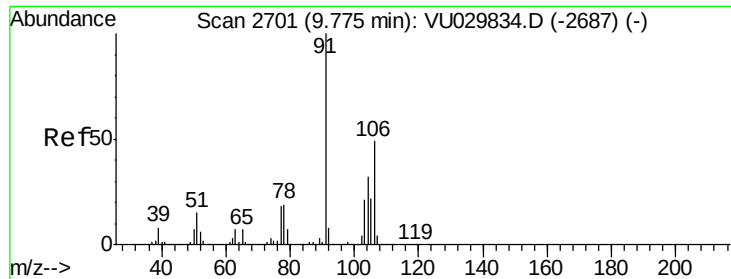
Tgt Ion: 91 Resp: 960749
Ion Ratio Lower Upper
91 100
106 32.4 25.7 38.5



#64
m/p-Xylenes
Concen: 19.593 ug/l
RT: 9.37 min Scan# 2575
Delta R.T. -0.00 min
Lab File: VU029844.D
Acq: 07 Mar 2019 09:47

Tgt Ion: 106 Resp: 771525
Ion Ratio Lower Upper
106 100
91 195.5 155.3 232.9





#65

o-Xylene

Concen: 9.751 ug/l

RT: 9.77 min Scan# 2701

Delta R.T. -0.00 min

Lab File: VU029844.D

Acq: 07 Mar 2019 09:47

Instrument :

MSVOA_U

ClientSampleId :

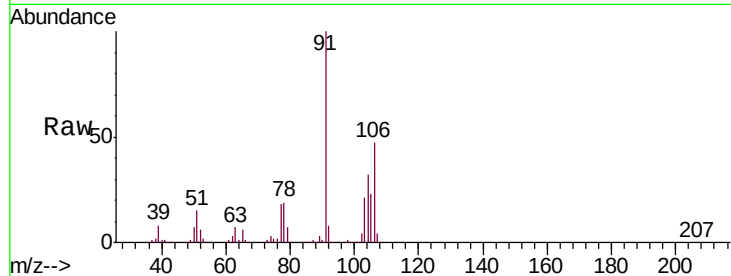
VSTDCCC010

Tgt Ion:106 Resp: 368788

Ion Ratio Lower Upper

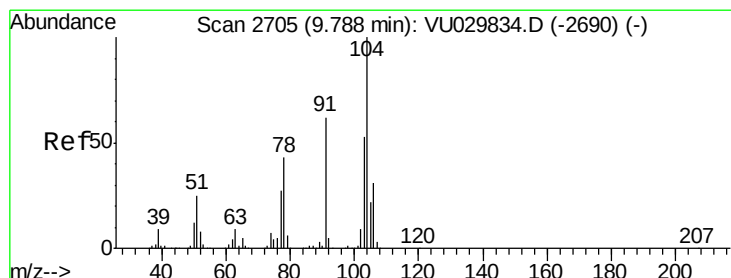
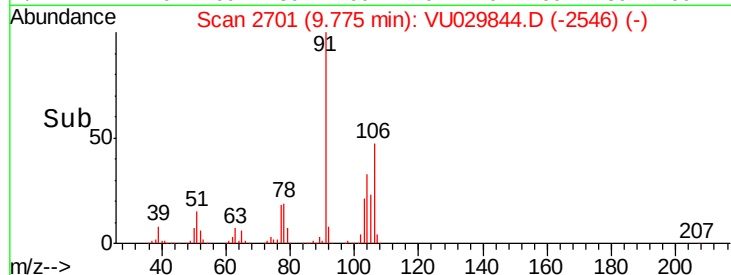
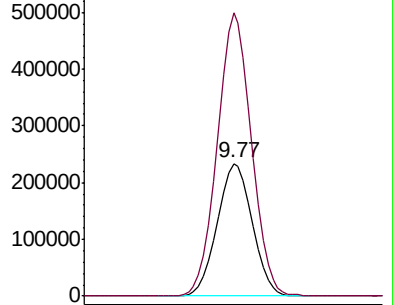
106 100

91 208.2 102.8 308.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#66

Styrene

Concen: 10.038 ug/l

RT: 9.79 min Scan# 2705

Delta R.T. -0.00 min

Lab File: VU029844.D

Acq: 07 Mar 2019 09:47

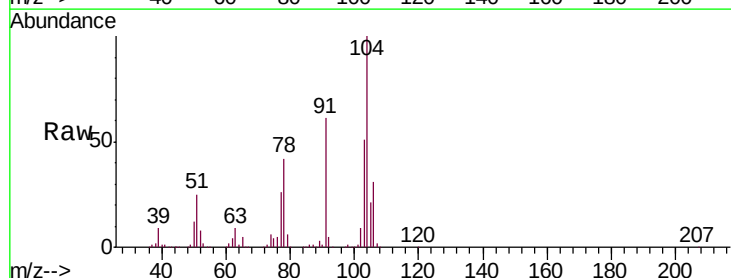
Tgt Ion:104 Resp: 630673

Ion Ratio Lower Upper

104 100

78 46.1 37.2 55.8

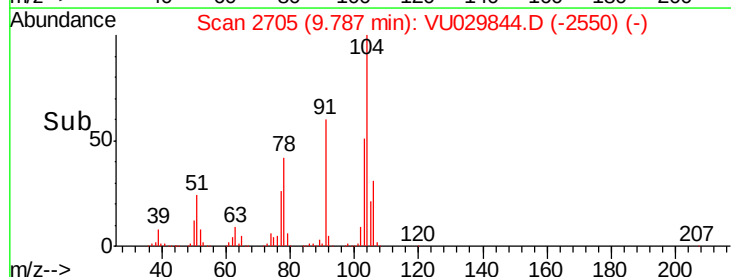
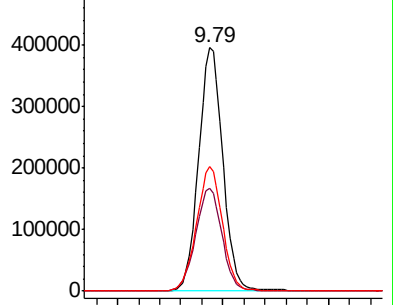
103 54.5 44.7 67.1

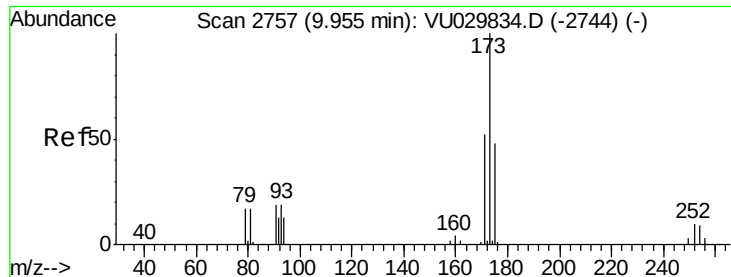


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VU0

Ion 103.00 (102.70 to 103.70): V

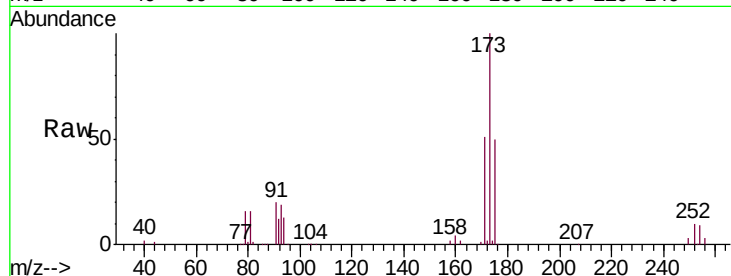




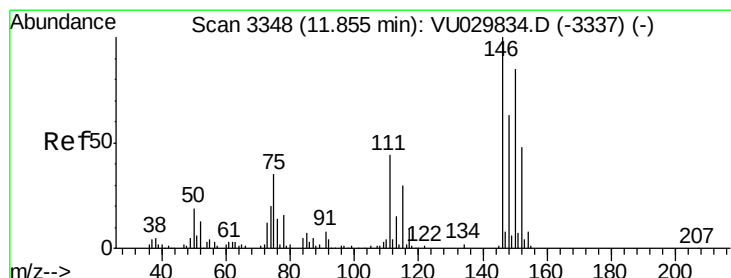
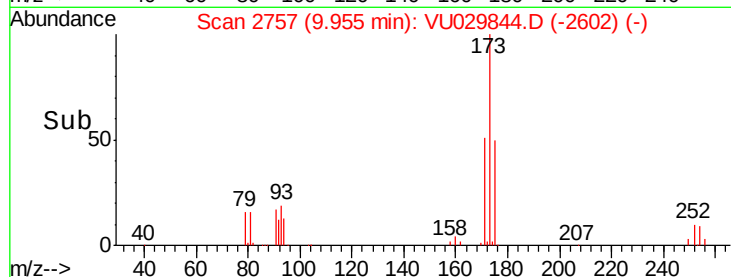
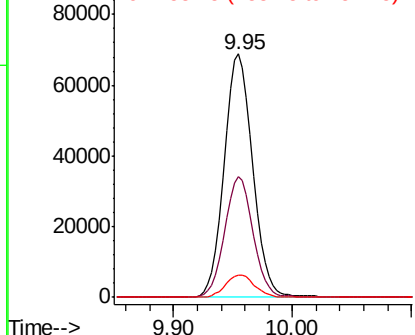
#67
 Bromoform
 Concen: 9.820 ug/l
 RT: 9.95 min Scan# 2757
 Delta R.T. -0.00 min
 Lab File: VU029844.D
 Acq: 07 Mar 2019 09:47

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tgt Ion:173 Resp: 114531
 Ion Ratio Lower Upper
 173 100
 175 49.2 38.6 57.8
 254 9.4 7.4 11.2

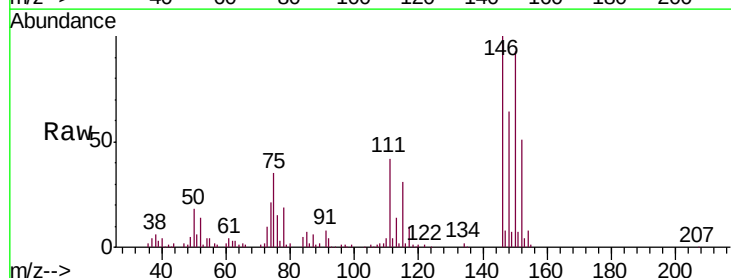


Abundance Ion 172.90 (172.60 to 173.60): V
 Ion 174.90 (174.60 to 175.60): V
 Ion 253.75 (253.45 to 254.45): V

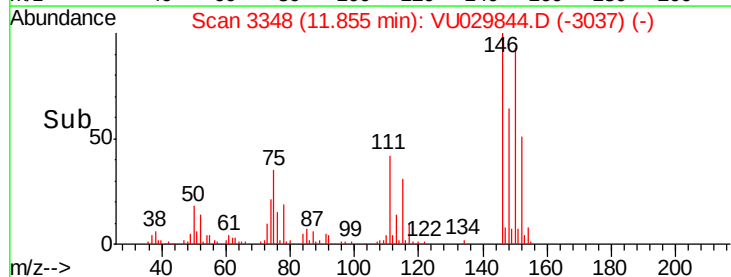
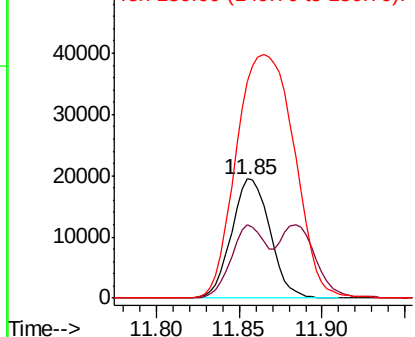


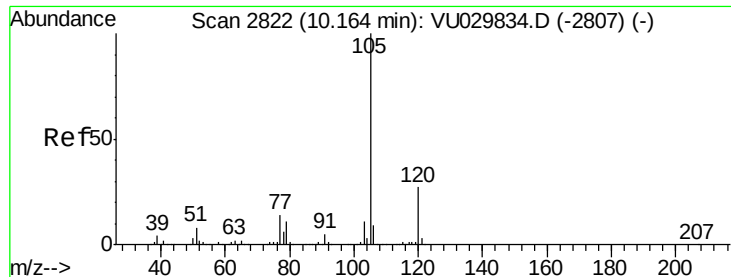
#68
 1,2-Dichlorobenzene-d4
 Concen: 9.820 ug/l
 RT: 11.85 min Scan# 3348
 Delta R.T. -0.00 min
 Lab File: VU029844.D
 Acq: 07 Mar 2019 09:47

Tgt Ion:152 Resp: 31354
 Ion Ratio Lower Upper
 152 100
 115 59.1 0.0 124.0
 150 309.3 0.0 631.2



Abundance Ion 152.00 (151.70 to 152.70): V
 Ion 115.00 (114.70 to 115.70): V
 Ion 150.00 (149.70 to 150.70): V





#69

Isopropylbenzene

Concen: 9.756 ug/l

RT: 10.16 min Scan# 2822

Delta R.T. -0.00 min

Lab File: VU029844.D

Acq: 07 Mar 2019 09:47

Instrument :

MSVOA_U

ClientSampleId :

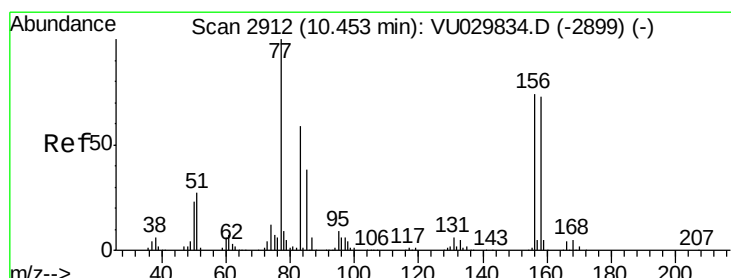
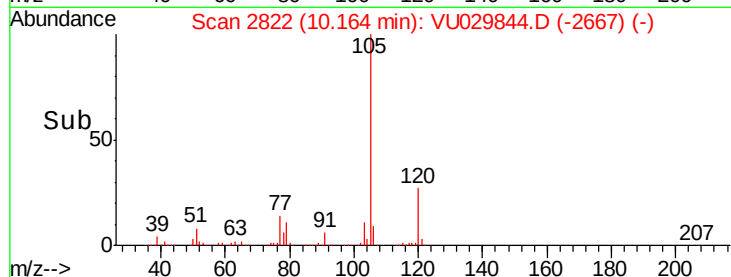
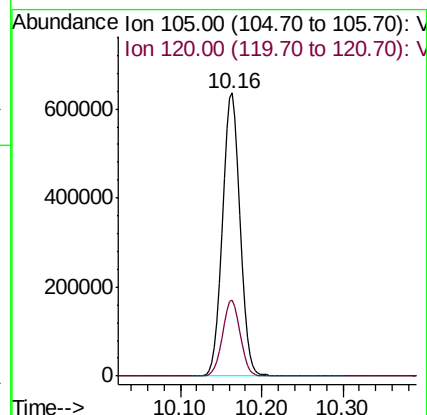
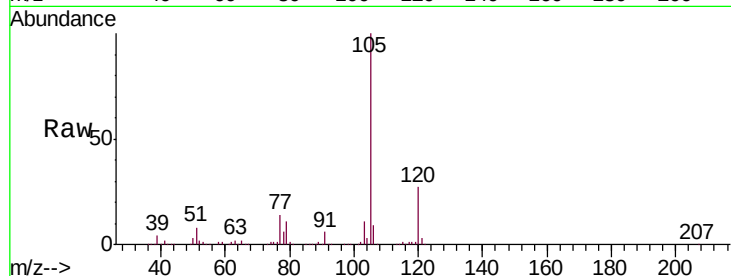
VSTDCCC010

Tgt Ion:105 Resp: 978381

Ion Ratio Lower Upper

105 100

120 27.0 13.5 40.5



#70

1,1,2,2-Tetrachloroethane

Concen: 9.202 ug/l

RT: 10.45 min Scan# 2912

Delta R.T. -0.00 min

Lab File: VU029844.D

Acq: 07 Mar 2019 09:47

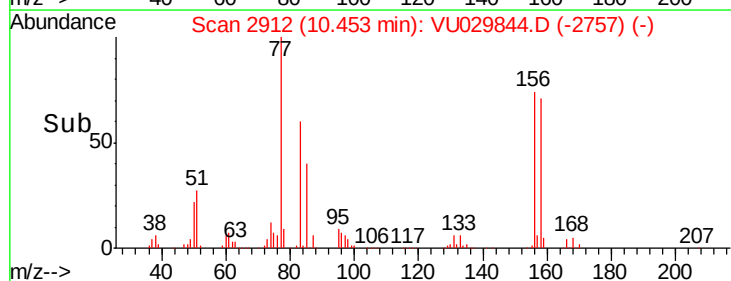
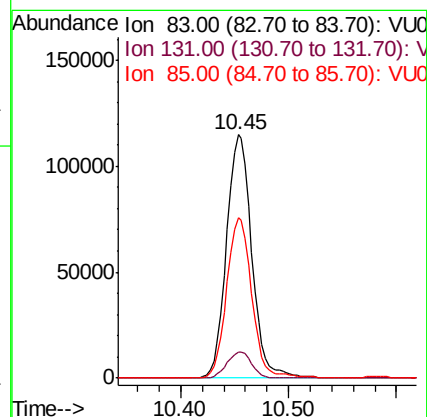
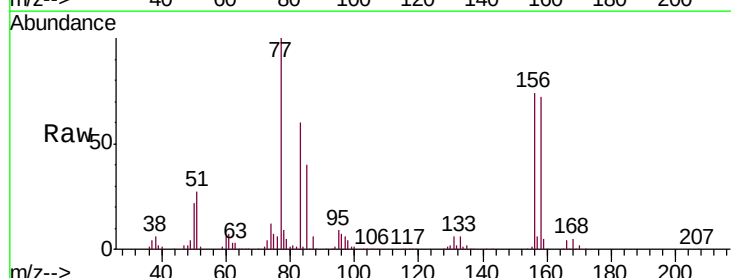
Tgt Ion: 83 Resp: 187766

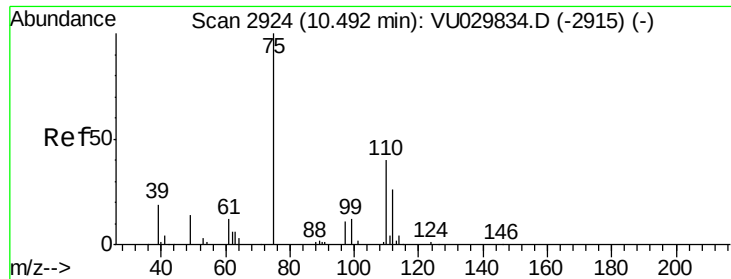
Ion Ratio Lower Upper

83 100

131 10.6 8.3 12.5

85 65.6 52.5 78.7

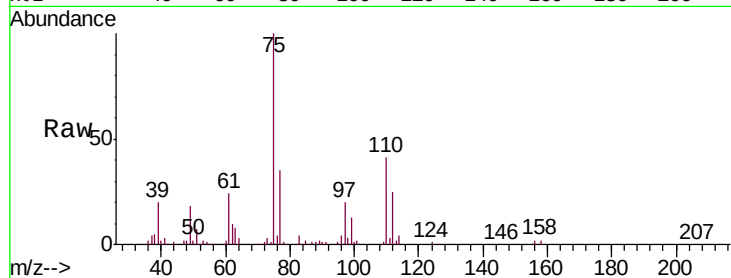




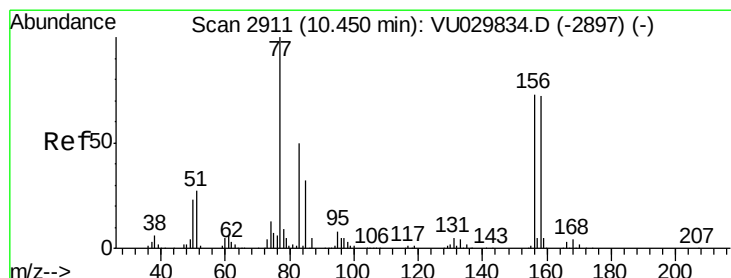
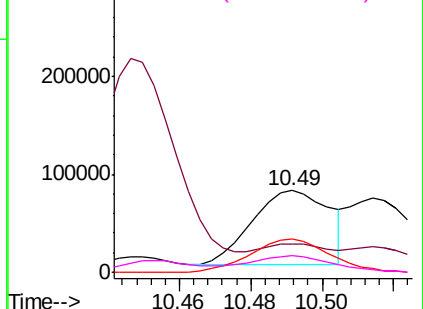
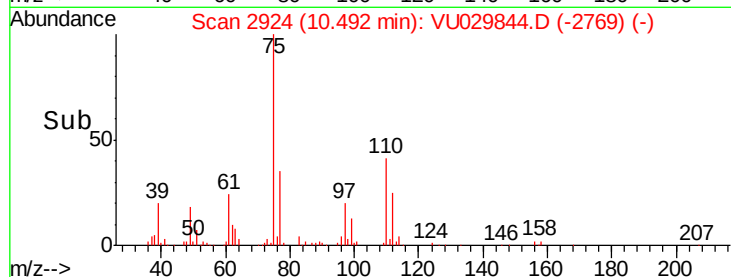
#71
 1,2,3-Trichloropropane
 Concen: 7.473 ug/l
 RT: 10.49 min Scan# 2924
 Delta R.T. -0.00 min
 Lab File: VU029844.D
 Acq: 07 Mar 2019 09:47

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tgt Ion:	75	Resp:	113321
Ion	Ratio	Lower	Upper
75	100		
77	9.6	0.0	16.4
110	46.5	0.0	74.8
97	23.2	0.0	39.4

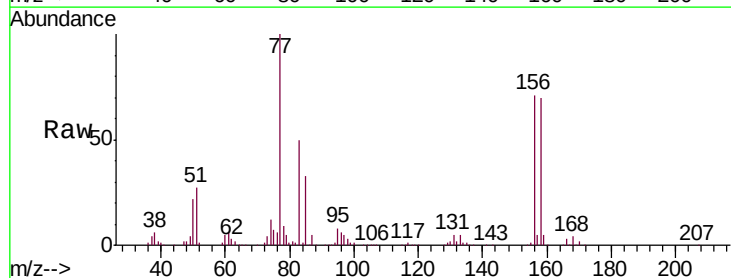


Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 77.00 (76.70 to 77.70): VU0
 Ion 110.00 (109.70 to 110.70): V
 Ion 97.00 (96.70 to 97.70): VU0

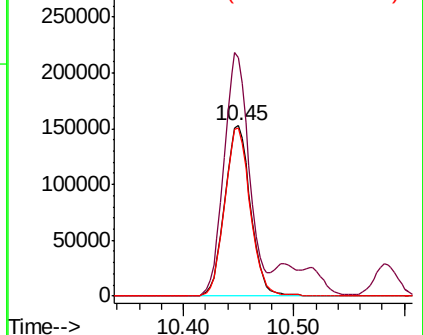
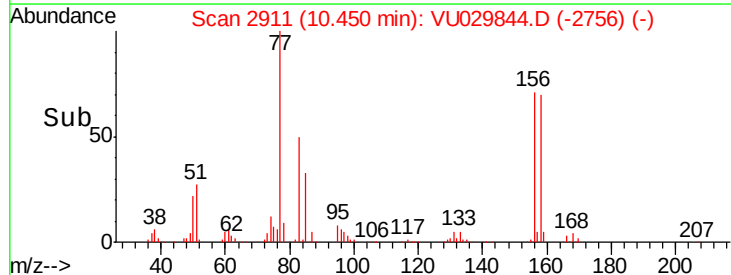


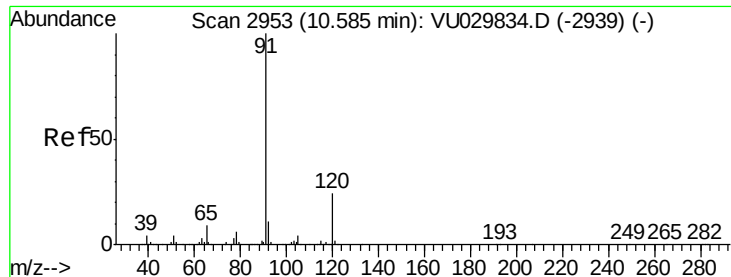
#72
 Bromobenzene
 Concen: 9.390 ug/l
 RT: 10.45 min Scan# 2911
 Delta R.T. -0.00 min
 Lab File: VU029844.D
 Acq: 07 Mar 2019 09:47

Tgt Ion:	156	Resp:	249266
Ion	Ratio	Lower	Upper
156	100		
77	138.5	0.0	282.2
158	98.0	0.0	196.2



Abundance Ion 156.00 (155.70 to 156.70): V
 Ion 77.00 (76.70 to 77.70): VU0
 Ion 158.00 (157.70 to 158.70): V





#73

n-propylbenzene

Concen: 10.050 ug/l

RT: 10.58 min Scan# 2953

Delta R.T. -0.00 min

Lab File: VU029844.D

Acq: 07 Mar 2019 09:47

Instrument :

MSVOA_U

ClientSampleId :

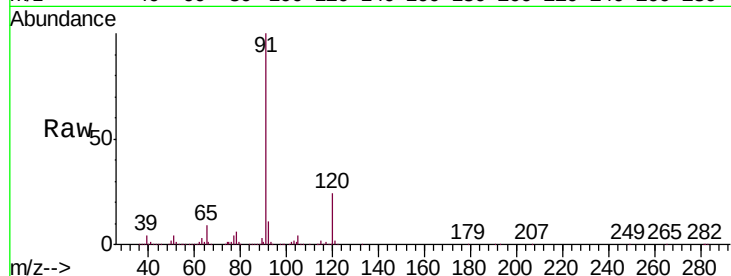
VSTDCCC010

Tgt Ion:120 Resp: 283347

Ion Ratio Lower Upper

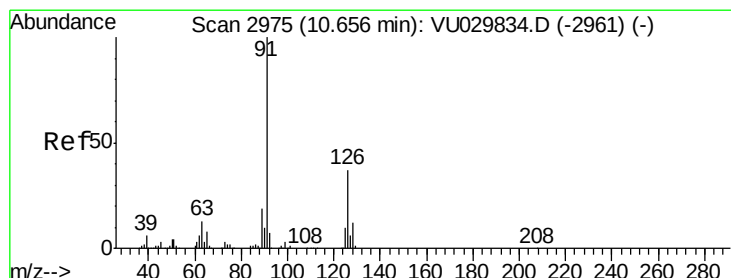
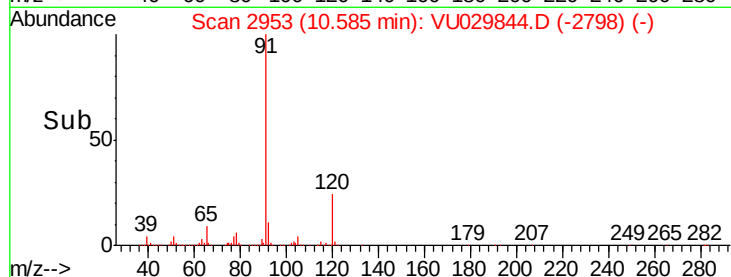
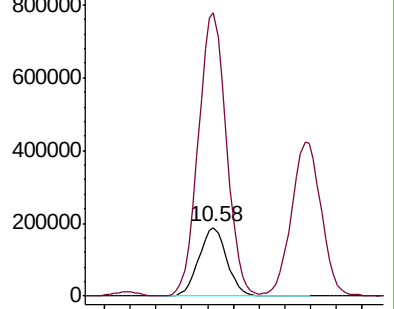
120 100

91 414.2 333.4 500.2



Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0



#74

2-Chlorotoluene

Concen: 9.748 ug/l

RT: 10.66 min Scan# 2976

Delta R.T. 0.00 min

Lab File: VU029844.D

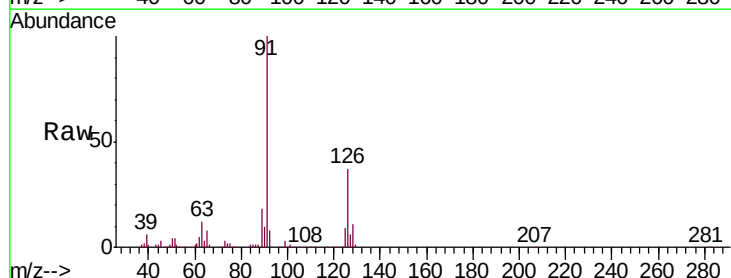
Acq: 07 Mar 2019 09:47

Tgt Ion:126 Resp: 243796

Ion Ratio Lower Upper

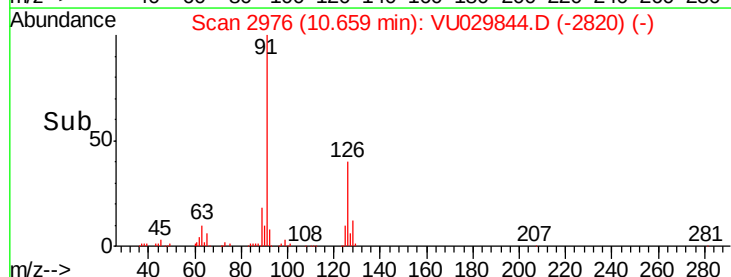
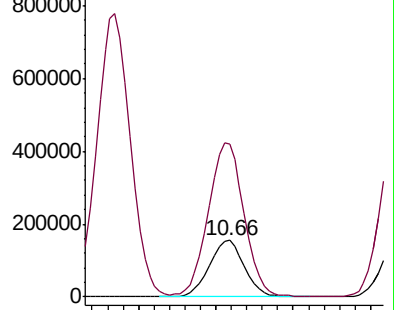
126 100

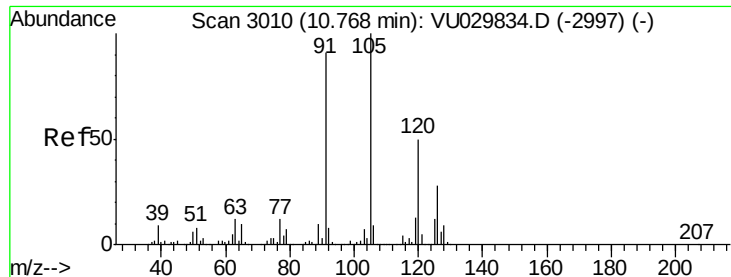
91 275.8 0.0 569.0



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: 9.906 ug/l

RT: 10.77 min Scan# 3010

Delta R.T. -0.00 min

Lab File: VU029844.D

Acq: 07 Mar 2019 09:47

Instrument :

MSVOA_U

ClientSampleId :

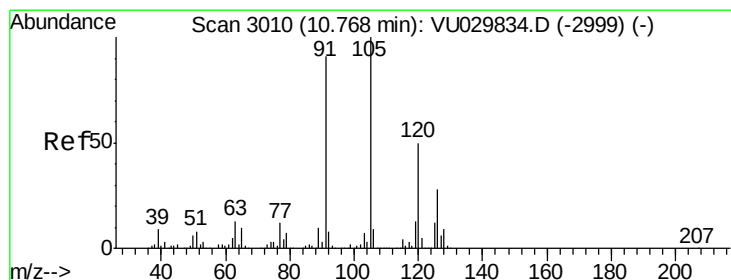
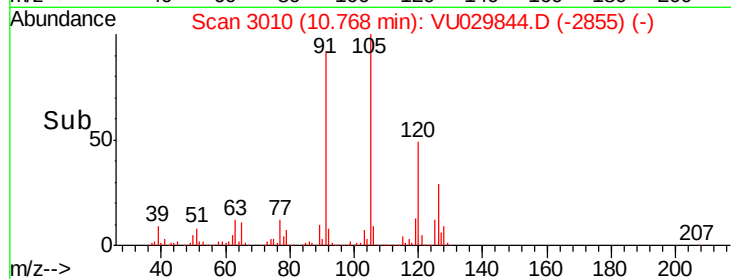
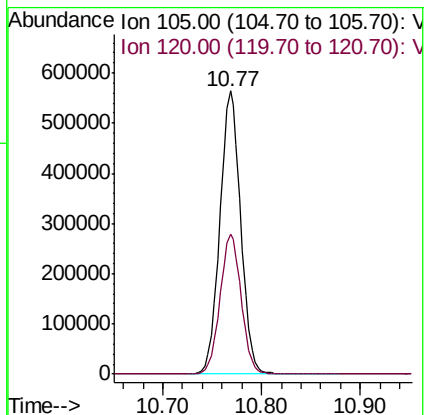
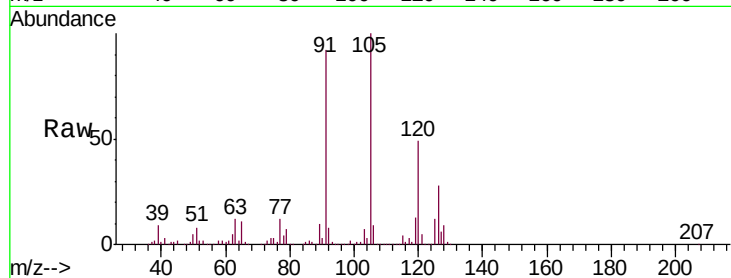
VSTDCCC010

Tgt Ion:105 Resp: 836939

Ion Ratio Lower Upper

105 100

120 50.2 40.0 60.0



#76

4-Chlorotoluene

Concen: 9.772 ug/l

RT: 10.77 min Scan# 3010

Delta R.T. -0.00 min

Lab File: VU029844.D

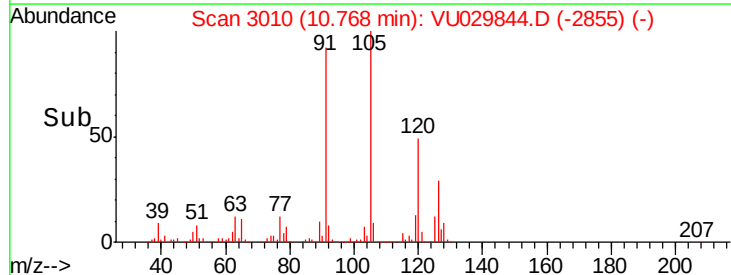
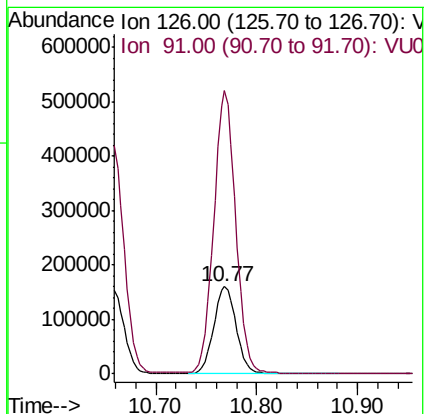
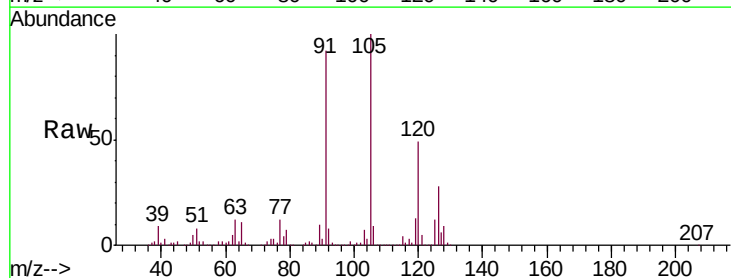
Acq: 07 Mar 2019 09:47

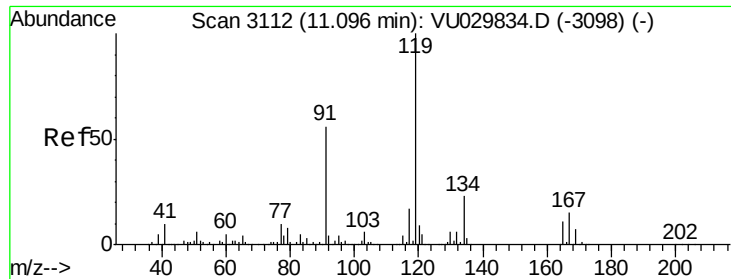
Tgt Ion:126 Resp: 249207

Ion Ratio Lower Upper

126 100

91 317.1 0.0 634.8

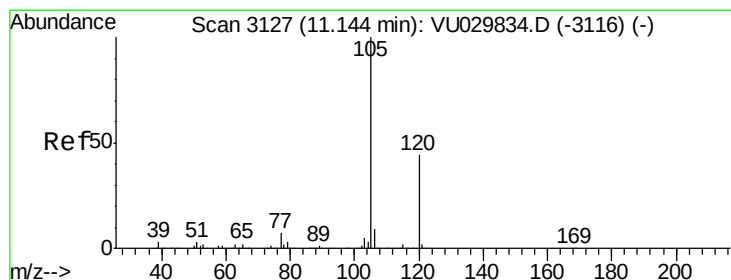
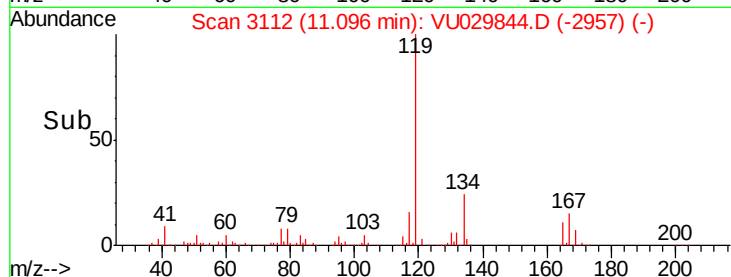
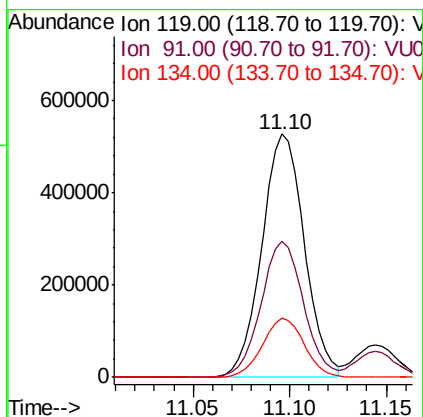
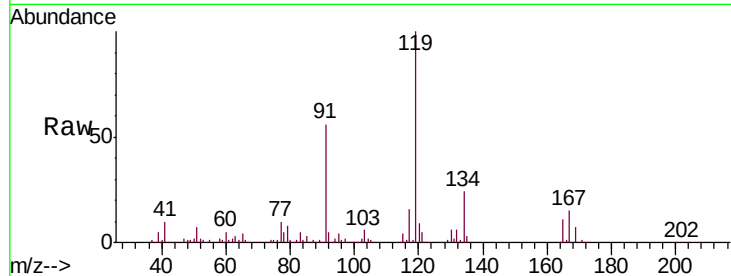




#77
 tert-Butylbenzene
 Concen: 9.703 ug/l
 RT: 11.10 min Scan# 3112
 Delta R.T. -0.00 min
 Lab File: VU029844.D
 Acq: 07 Mar 2019 09:47

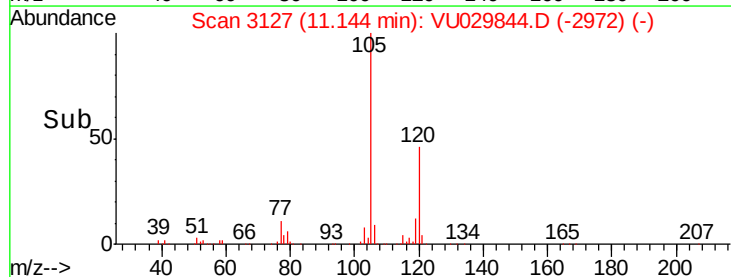
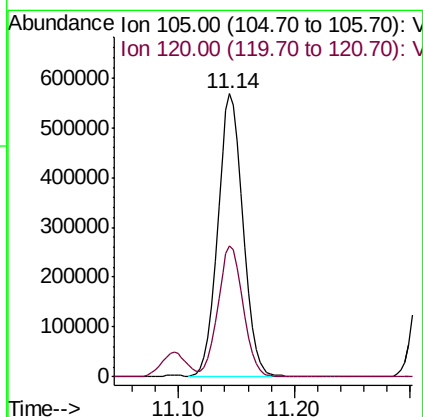
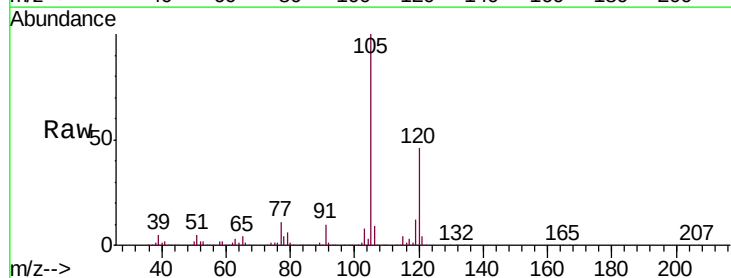
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

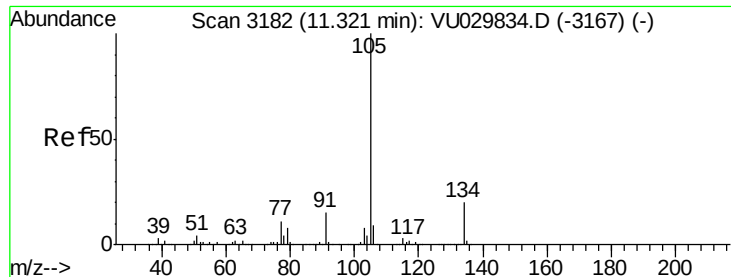
Tgt Ion:119 Resp: 811120
 Ion Ratio Lower Upper
 119 100
 91 55.7 27.7 83.1
 134 23.9 18.7 28.1



#78
 1,2,4-Trimethylbenzene
 Concen: 10.066 ug/l
 RT: 11.14 min Scan# 3127
 Delta R.T. -0.00 min
 Lab File: VU029844.D
 Acq: 07 Mar 2019 09:47

Tgt Ion:105 Resp: 859385
 Ion Ratio Lower Upper
 105 100
 120 46.7 23.5 70.5





#79

sec-Butylbenzene

Concen: 10.025 ug/l

RT: 11.32 min Scan# 3182

Delta R.T. -0.00 min

Lab File: VU029844.D

Acq: 07 Mar 2019 09:47

Instrument :

MSVOA_U

ClientSampleId :

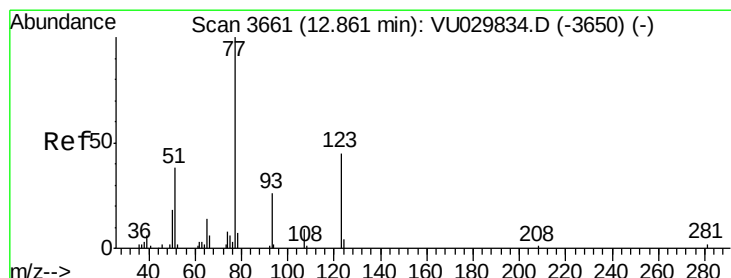
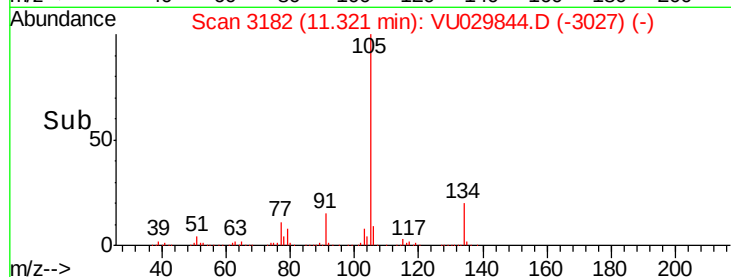
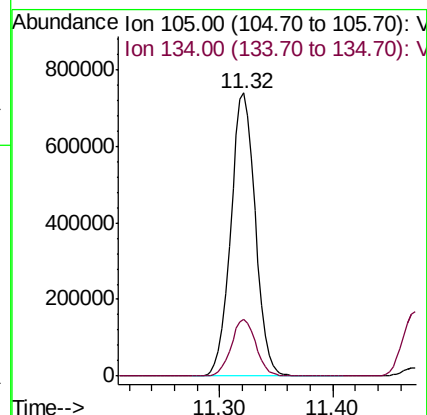
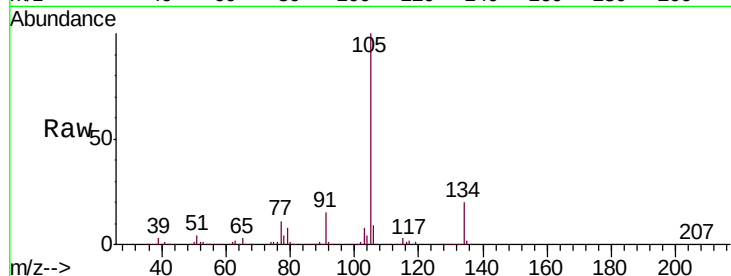
VSTDCCC010

Tgt Ion:105 Resp: 1110598

Ion Ratio Lower Upper

105 100

134 20.3 16.3 24.5



#80

Nitrobenzene

Concen: 60.552 ug/l

RT: 12.86 min Scan# 3661

Delta R.T. -0.00 min

Lab File: VU029844.D

Acq: 07 Mar 2019 09:47

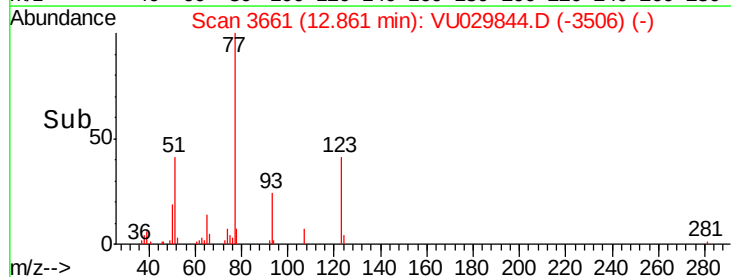
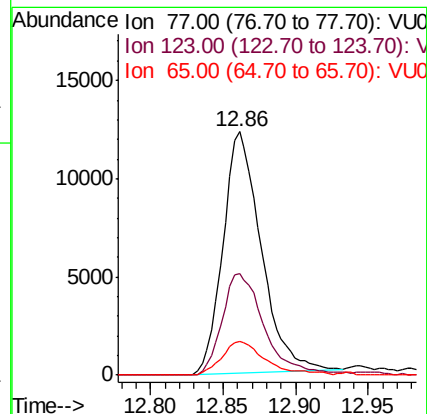
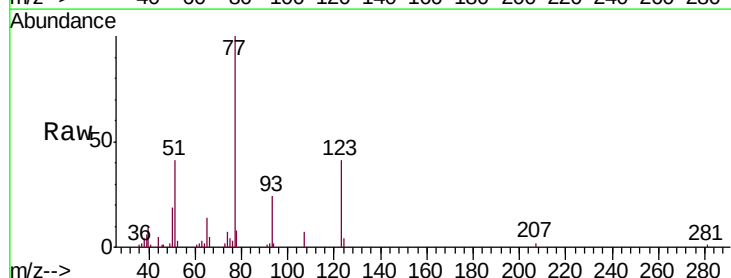
Tgt Ion: 77 Resp: 22429

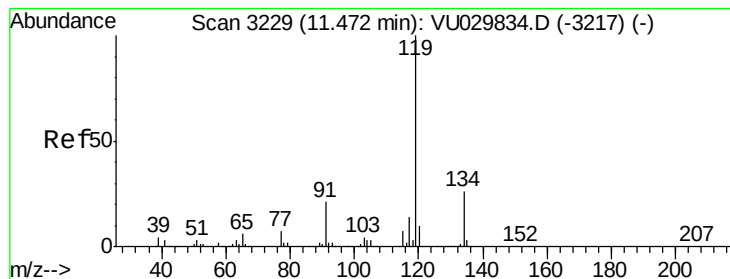
Ion Ratio Lower Upper

77 100

123 44.9 20.2 71.4

65 15.9 14.0 17.8





#81

p-Isopropyltoluene

Concen: 10.193 ug/l

RT: 11.47 min Scan# 3229

Delta R.T. -0.00 min

Lab File: VU029844.D

Acq: 07 Mar 2019 09:47

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

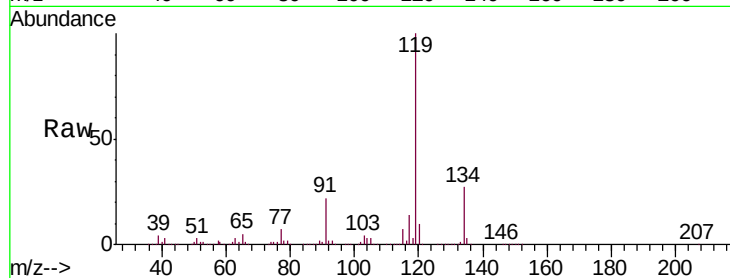
Tgt Ion:119 Resp: 945306

Ion Ratio Lower Upper

119 100

134 26.7 21.2 31.8

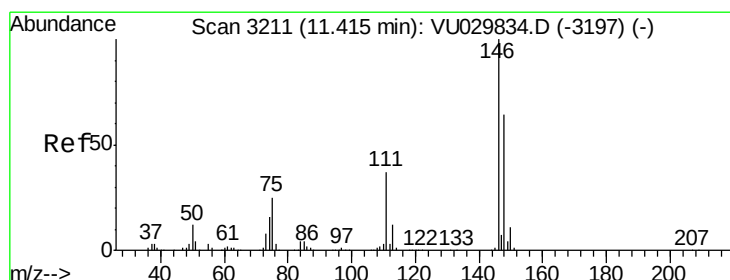
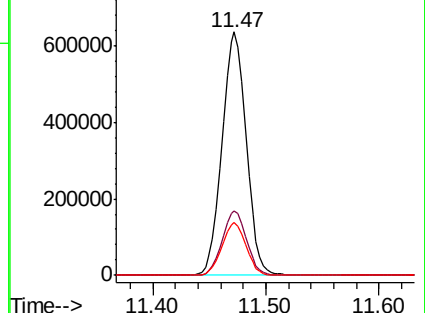
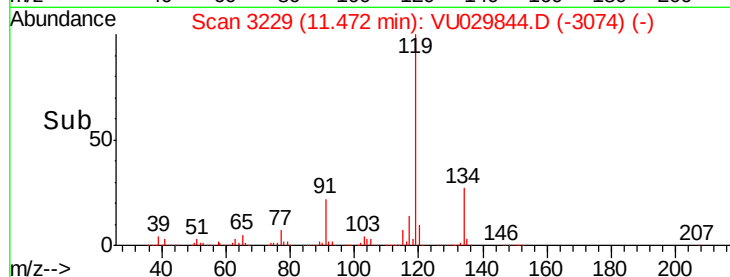
91 21.7 17.2 25.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



#82

1,3-Dichlorobenzene

Concen: 9.352 ug/l

RT: 11.41 min Scan# 3211

Delta R.T. -0.00 min

Lab File: VU029844.D

Acq: 07 Mar 2019 09:47

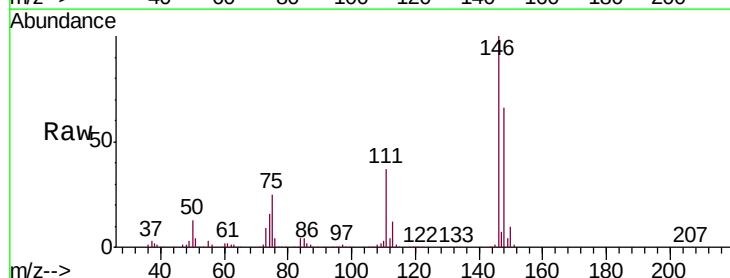
Tgt Ion:146 Resp: 491679

Ion Ratio Lower Upper

146 100

111 37.8 30.2 45.4

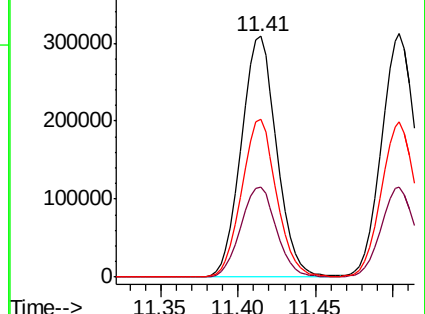
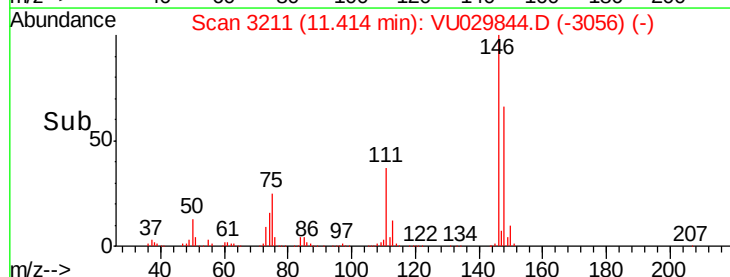
148 64.5 51.2 76.8

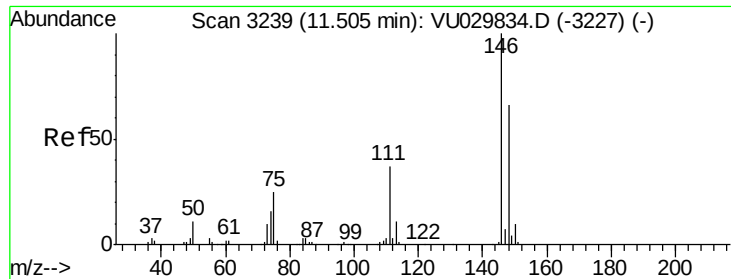


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

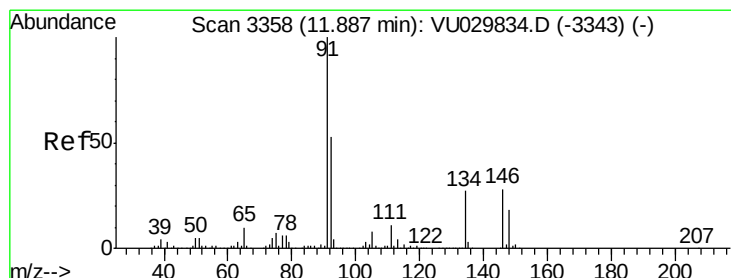
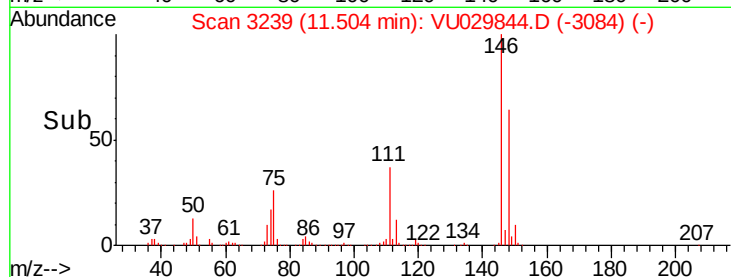
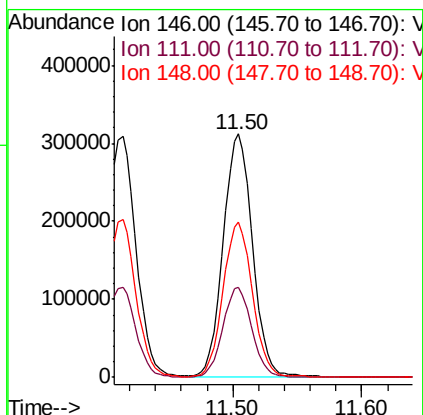
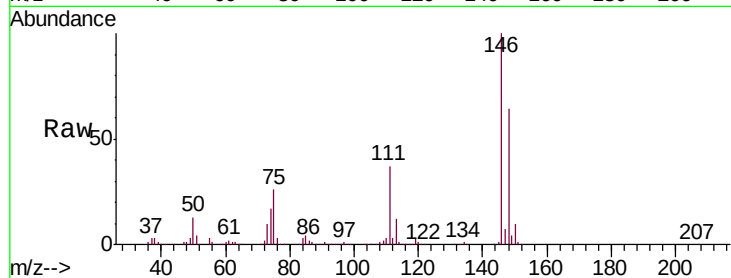




#83
 1,4-Dichlorobenzene
 Concen: 9.562 ug/l
 RT: 11.50 min Scan# 3239
 Delta R.T. -0.00 min
 Lab File: VU029844.D
 Acq: 07 Mar 2019 09:47

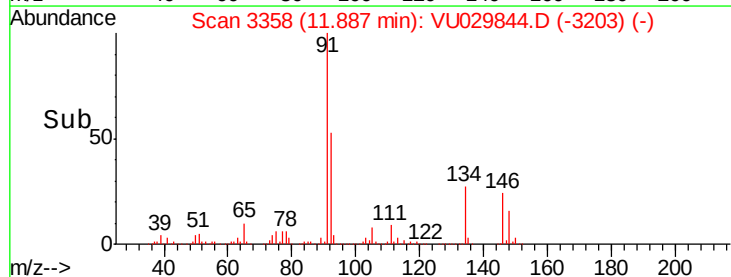
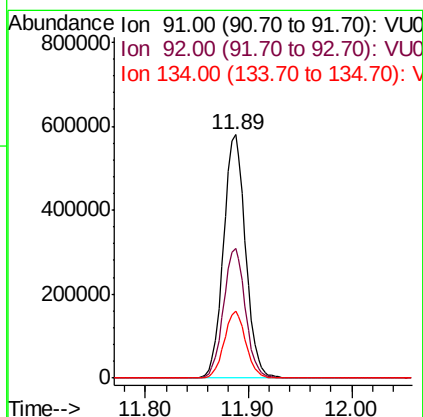
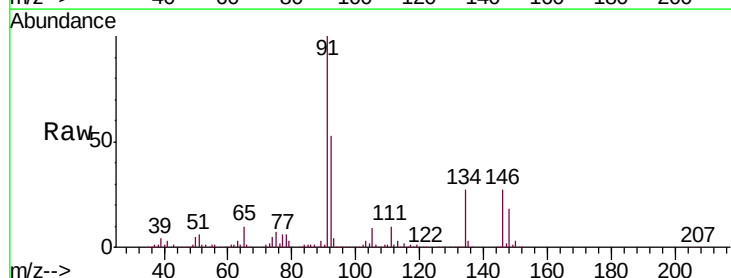
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

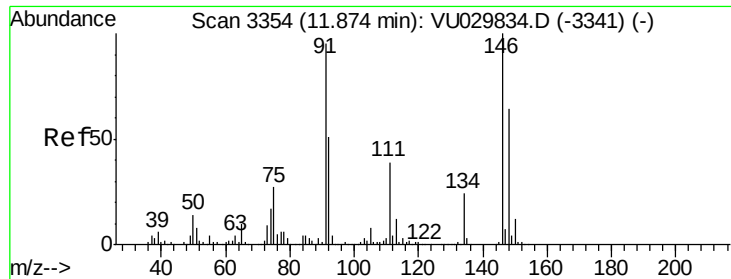
Tgt Ion:146 Resp: 491223
 Ion Ratio Lower Upper
 146 100
 111 36.3 29.4 44.2
 148 64.2 51.7 77.5



#84
 n-Butylbenzene
 Concen: 10.217 ug/l
 RT: 11.89 min Scan# 3358
 Delta R.T. -0.00 min
 Lab File: VU029844.D
 Acq: 07 Mar 2019 09:47

Tgt Ion: 91 Resp: 863400
 Ion Ratio Lower Upper
 91 100
 92 53.0 42.6 63.8
 134 27.1 21.7 32.5

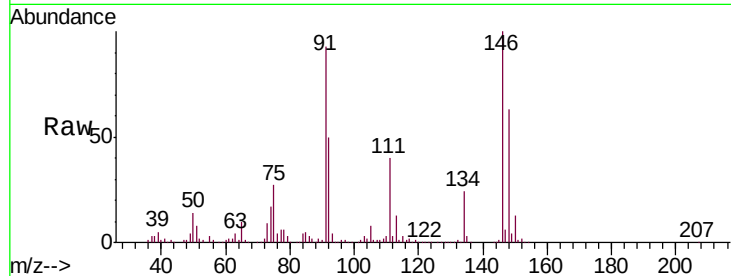




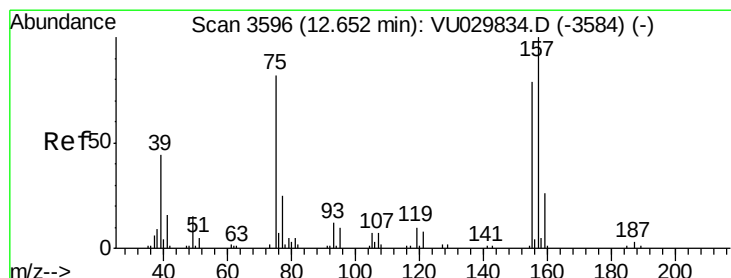
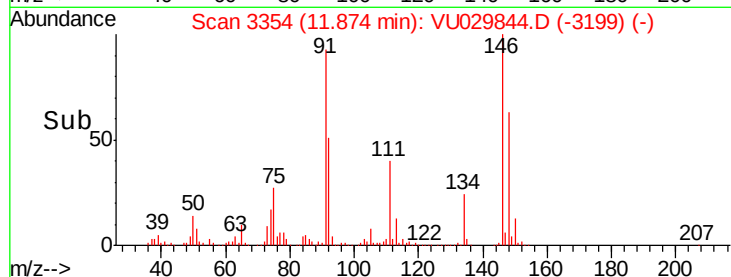
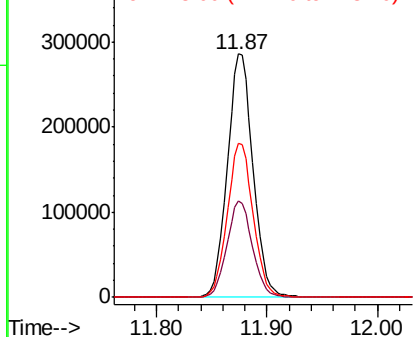
#85
 1,2-Dichlorobenzene
 Concen: 9.318 ug/l
 RT: 11.87 min Scan# 3354
 Delta R.T. -0.00 min
 Lab File: VU029844.D
 Acq: 07 Mar 2019 09:47

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tgt Ion:146 Resp: 461943
 Ion Ratio Lower Upper
 146 100
 111 39.3 19.9 59.6
 148 63.7 32.1 96.3

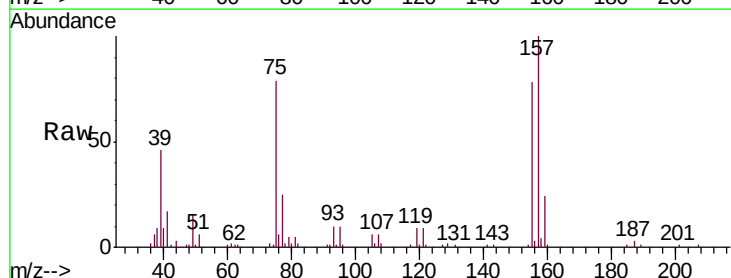


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

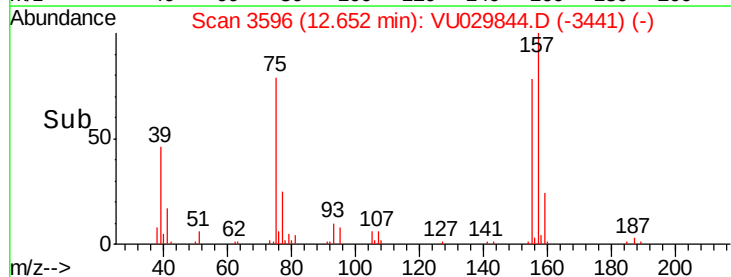
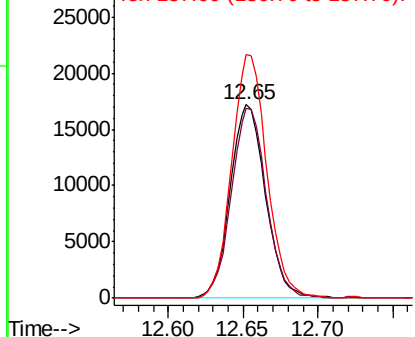


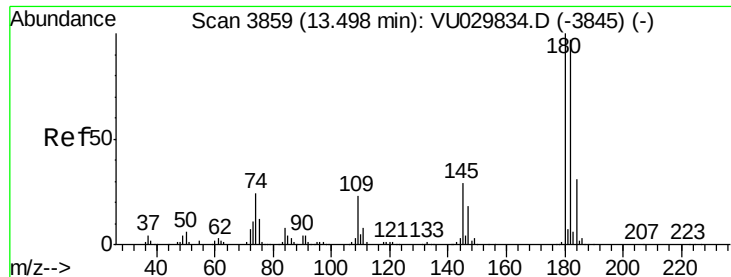
#86
 1,2-Dibromo-3-Chloropropane
 Concen: 9.706 ug/l
 RT: 12.65 min Scan# 3596
 Delta R.T. -0.00 min
 Lab File: VU029844.D
 Acq: 07 Mar 2019 09:47

Tgt Ion: 75 Resp: 28276
 Ion Ratio Lower Upper
 75 100
 155 97.3 76.6 114.8
 157 125.2 96.2 144.2



Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 155.00 (154.70 to 155.70): V
 Ion 157.00 (156.70 to 157.70): V





#87

1,2,4-Trichlorobenzene

Concen: 10.157 ug/l

RT: 13.50 min Scan# 3860

Delta R.T. 0.00 min

Lab File: VU029844.D

Acq: 07 Mar 2019 09:47

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

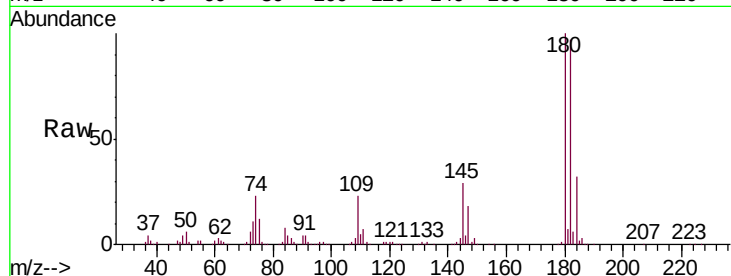
Tgt Ion:180 Resp: 322446

Ion Ratio Lower Upper

180 100

182 95.5 77.5 116.3

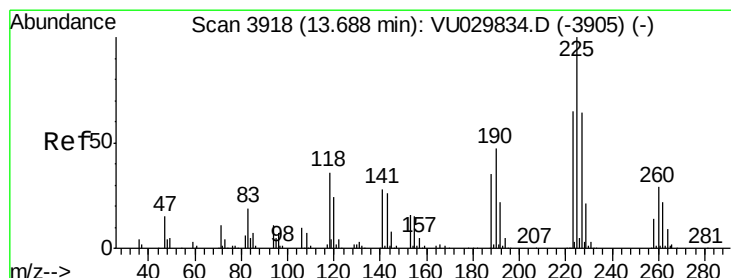
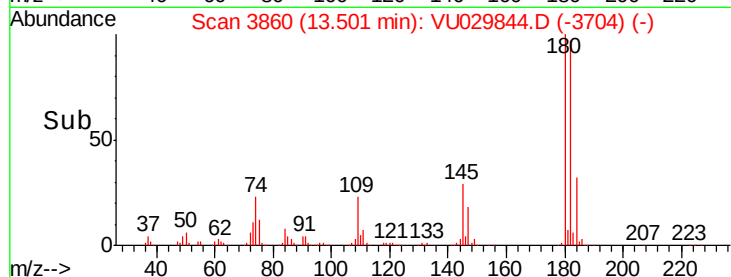
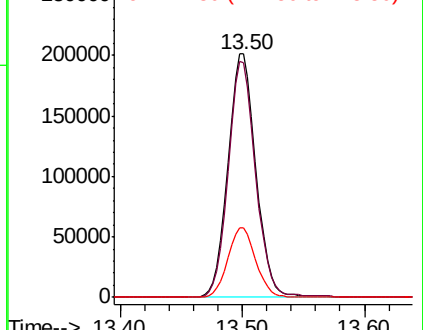
145 28.7 23.6 35.4



Abundance Ion 179.70 (179.40 to 180.40): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#88

Hexachlorobutadiene

Concen: 9.510 ug/l

RT: 13.69 min Scan# 3918

Delta R.T. -0.00 min

Lab File: VU029844.D

Acq: 07 Mar 2019 09:47

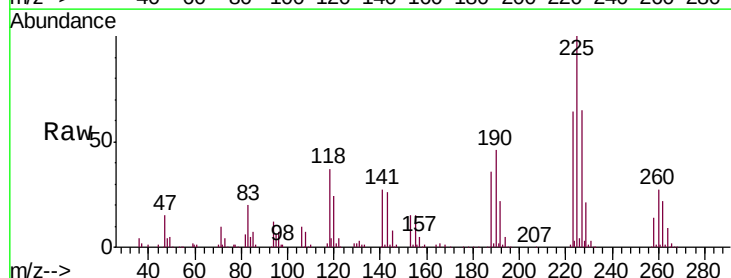
Tgt Ion:225 Resp: 190174

Ion Ratio Lower Upper

225 100

223 63.9 51.2 76.8

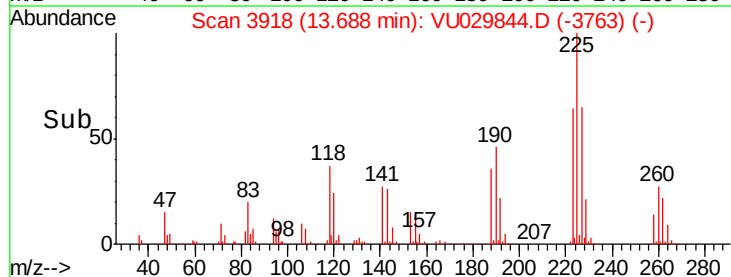
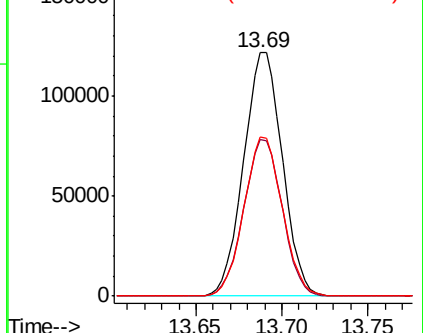
227 64.6 50.9 76.3

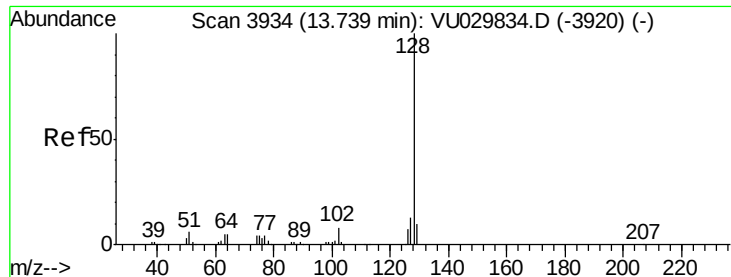


Abundance Ion 224.60 (224.30 to 225.30): V

Ion 222.60 (222.30 to 223.30): V

Ion 226.60 (226.30 to 227.30): V





#89

Naphthalene

Concen: 8.791 ug/l

RT: 13.74 min Scan# 3934

Delta R.T. 0.00 min

Lab File: VU029844.D

Acq: 07 Mar 2019 09:47

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

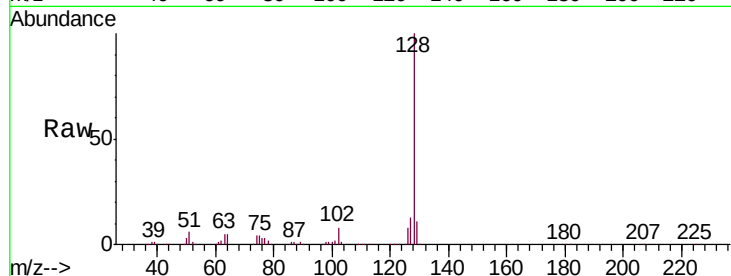
Tgt Ion:128 Resp: 536737

Ion Ratio Lower Upper

128 100

127 12.4 10.2 15.4

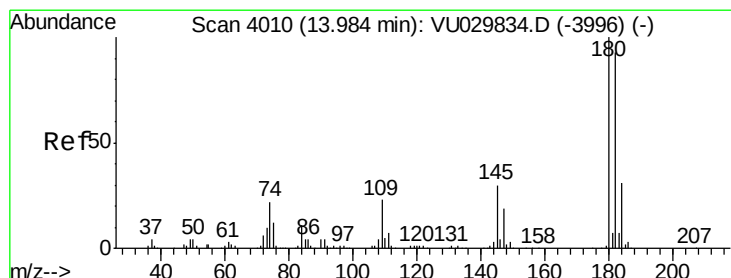
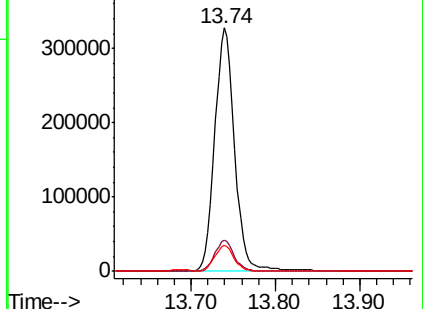
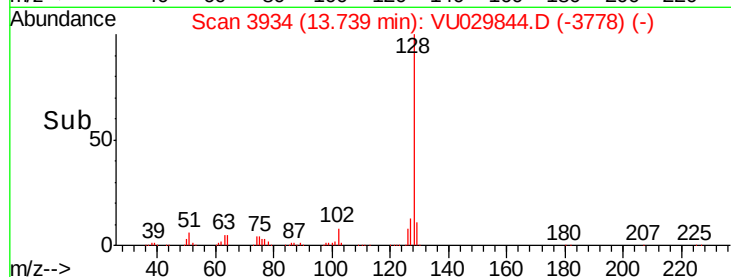
129 10.2 8.2 12.4



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: 9.768 ug/l

RT: 13.98 min Scan# 4010

Delta R.T. -0.00 min

Lab File: VU029844.D

Acq: 07 Mar 2019 09:47

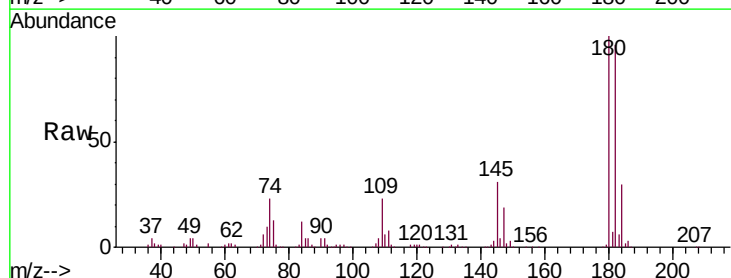
Tgt Ion:180 Resp: 291329

Ion Ratio Lower Upper

180 100

182 96.3 74.8 112.2

145 30.3 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

