

Data File : VU029851.D
Acq On : 07 Mar 2019 13:32
Operator : JC/SP
Sample : VSTDCCC010EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Quant Time: Mar 08 01:10:02 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	62439	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.31	95	23674	1.05	ug/l	0.00
Spiked Amount	1.000		Recovery	=	105.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	27060	1.04	ug/l	0.00
Spiked Amount	1.000		Recovery	=	104.00%	

Target Compounds

	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.21	85	203498	9.740	ug/l	98
3) Chloromethane	1.33	50	167247	8.990	ug/l	99
4) Vinyl Chloride	1.40	62	210036	10.036	ug/l	100
5) Bromomethane	1.62	94	111372	7.792	ug/l	98
6) Chloroethane	1.69	64	124229	9.899	ug/l	96
7) Trichlorofluoromethane	1.88	101	289631	10.155	ug/l	96
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	167494	10.095	ug/l	99
9) 1,1-Dichloroethene	2.28	96	163448	10.064	ug/l	99
10) Iodomethane	2.41	142	179873	9.915	ug/l	99
11) Allyl Chloride	2.59	41	227954	9.984	ug/l	99
12) Acrylonitrile	2.94	53	69388	19.594	ug/l	98
13) Acetone	2.32	43	141827	48.356	ug/l	99
14) Carbon Disulfide	2.47	76	511377	9.723	ug/l	100
15) Methylene Chloride	2.70	84	184496	9.467	ug/l	100
16) trans-1,2-Dichloroethene	2.97	96	178854	9.749	ug/l	99
17) 1,1-Dichloroethane	3.44	63	306666	9.990	ug/l	99
18) 2-Butanone	4.27	43	205862	51.647	ug/l	99
19) Cyclohexane	4.99	56	214145	8.985	ug/l	100
20) Methylcyclohexane	6.41	83	296150	10.669	ug/l	100
21) 2,2-Dichloropropane	4.22	77	252671	10.070	ug/l	98
22) cis-1,2-Dichloroethene	4.22	96	199402	10.255	ug/l	99
23) Diethyl Ether	2.10	59	120803	9.921	ug/l	98
24) tert-Butyl Alcohol	2.84	59	132197	105.251	ug/l	97
25) Methyl tert-Butyl Ether	3.00	73	409532	10.013	ug/l	99
26) Bromochloromethane	4.54	128	88174	10.215	ug/l	98
27) Chloroform	4.67	83	314865	10.130	ug/l	99
28) 1,1,1-Trichloroethane	4.91	97	271739	10.311	ug/l	99
29) 1,1-Dichloropropene	5.13	75	237318	10.133	ug/l	99
30) Carbon Tetrachloride	5.13	117	240790	10.473	ug/l	99
31) Isopropyl Ether	3.58	45	434494	10.263	ug/l	99
32) Ethyl-t-butyl ether	4.07	59	419853	10.202	ug/l	100
33) Tert-Amyl methyl ether	5.58	73	399434	10.496	ug/l	99
34) Propionitrile	4.33	54	63501	53.557	ug/l #	95
35) Benzene	5.38	78	714657	10.358	ug/l	100
36) 1,2-Dichloroethane	5.40	62	190670	10.118	ug/l	99
37) Trichloroethene	6.18	130	205261	10.190	ug/l	99
38) 1,2-Dichloropropane	6.43	63	178705	10.233	ug/l	96
39) Methacrylonitrile	4.55	41	52115	10.449	ug/l	98
40) Methyl acrylate	4.42	55	83281	10.564	ug/l	99
41) Tetrahydrofuran	4.65	42	50916	19.518	ug/l	98
42) 1-Chlorobutane	5.06	56	318575	10.647	ug/l	100

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QLast Update : Fri Mar 08 00:30:10 2019
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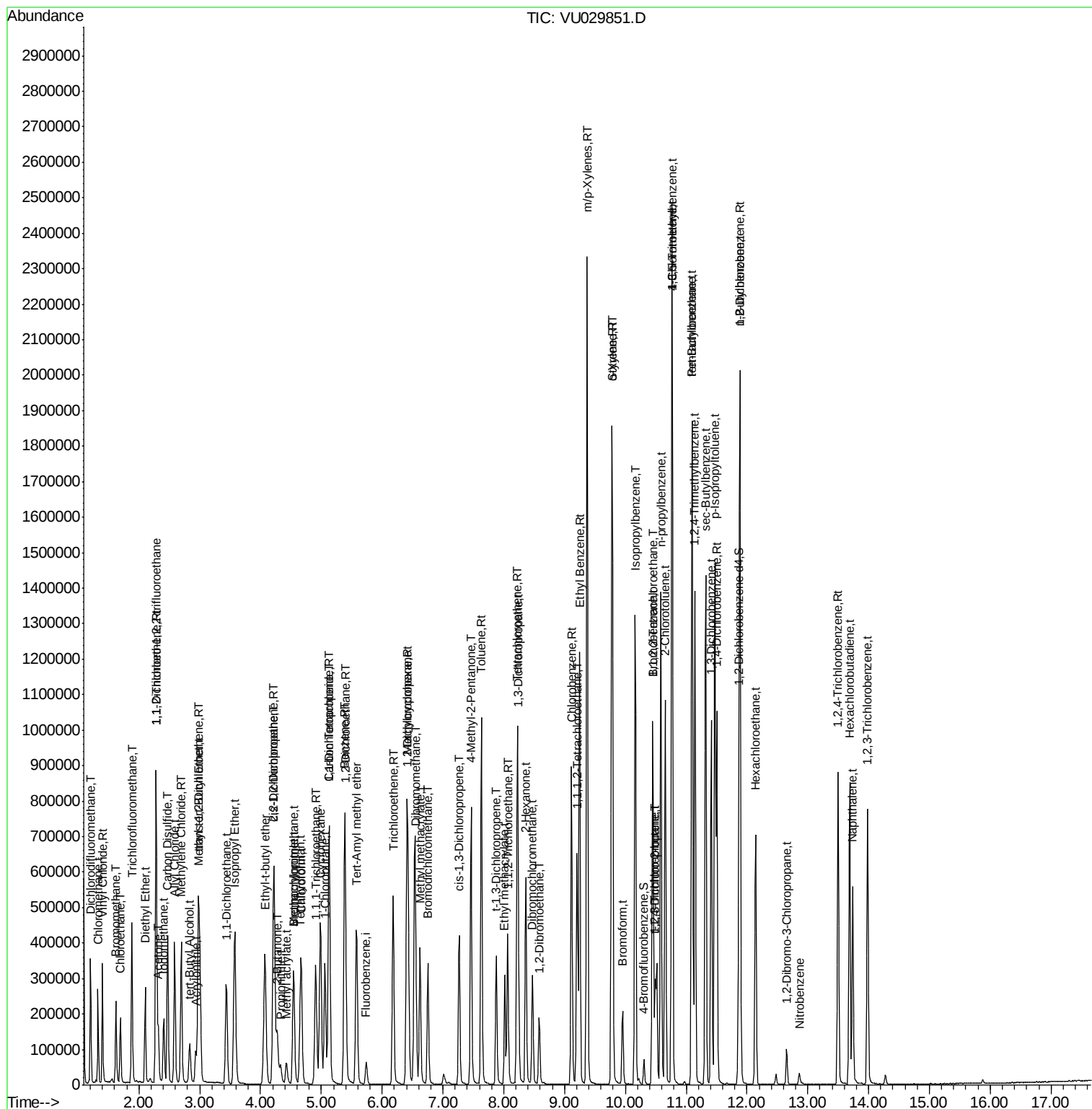
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.56	93	91754	10.137	ug/l	99
44) Bromodichloromethane	6.75	83	228988	10.301	ug/l	100
45) 4-Methyl-2-Pentanone	7.46	43	499697	52.934	ug/l	99
46) t-1,4-Dichloro-2-butene	10.49	75	111688	28.300	ug/l #	80
47) Methyl methacrylate	6.62	69	168203	21.656	ug/l	100
48) Ethyl methacrylate	8.02	69	167213	11.236	ug/l	100
49) Toluene	7.63	92	456945	10.784	ug/l	99
50) t-1,3-Dichloropropene	7.88	75	205445	10.546	ug/l	99
51) cis-1,3-Dichloropropene	7.27	75	254925	10.571	ug/l	99
52) 1,1,2-Trichloroethane	8.06	97	140060	10.454	ug/l	98
53) 1,3-Dichloropropane	8.24	76	225666	10.269	ug/l	100
54) 2-Hexanone	8.36	43	351674	53.640	ug/l	99
55) Dibromochloromethane	8.47	129	167686	10.546	ug/l	100
56) 1,2-Dibromoethane	8.58	107	128063	10.081	ug/l	99
58) Tetrachloroethene	8.22	164	218674	10.628	ug/l	99
59) Chlorobenzene	9.12	112	513133	10.538	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.21	131	183157	10.485	ug/l	100
61) Pentachloroethane	11.10	117	124374	10.227	ug/l	100
62) Hexachloroethane	12.14	117	136002	10.630	ug/l	97
63) Ethyl Benzene	9.25	91	877517	11.001	ug/l	100
64) m/p-Xylenes	9.37	106	700238	22.206	ug/l	99
65) o-Xylene	9.77	106	337476	11.143	ug/l	100
66) Styrene	9.79	104	572296	11.374	ug/l	99
67) Bromoform	9.95	173	100236	10.733	ug/l	98
69) Isopropylbenzene	10.16	105	892036	11.107	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.45	83	170646	10.444	ug/l	98
71) 1,2,3-Trichloropropane	10.49	75	111688	9.197	ug/l	95
72) Bromobenzene	10.45	156	229482	10.795	ug/l	98
73) n-propylbenzene	10.58	120	257245	11.394	ug/l	99
74) 2-Chlorotoluene	10.66	126	217188	10.845	ug/l	100
75) 1,3,5-Trimethylbenzene	10.77	105	762212	11.266	ug/l	100
76) 4-Chlorotoluene	10.77	126	222506	10.895	ug/l	97
77) tert-Butylbenzene	11.10	119	746514	11.152	ug/l	100
78) 1,2,4-Trimethylbenzene	11.14	105	784235	11.471	ug/l	99
79) sec-Butylbenzene	11.32	105	1008405	11.367	ug/l	100
80) Nitrobenzene	12.86	77	16709	56.332	ug/l	98
81) p-Isopropyltoluene	11.47	119	850055	11.446	ug/l	100
82) 1,3-Dichlorobenzene	11.41	146	450412	10.699	ug/l	99
83) 1,4-Dichlorobenzene	11.50	146	447324	10.874	ug/l	100
84) n-Butylbenzene	11.89	91	776984	11.482	ug/l	100
85) 1,2-Dichlorobenzene	11.88	146	418141	10.533	ug/l	100
86) 1,2-Dibromo-3-Chloropropan	12.65	75	25640	10.991	ug/l	98
87) 1,2,4-Trichlorobenzene	13.50	180	290031	11.408	ug/l	98
88) Hexachlorobutadiene	13.69	225	171691	10.722	ug/l	99
89) Naphthalene	13.74	128	471519	9.600	ug/l	99
90) 1,2,3-Trichlorobenzene	13.98	180	266135	11.143	ug/l	98

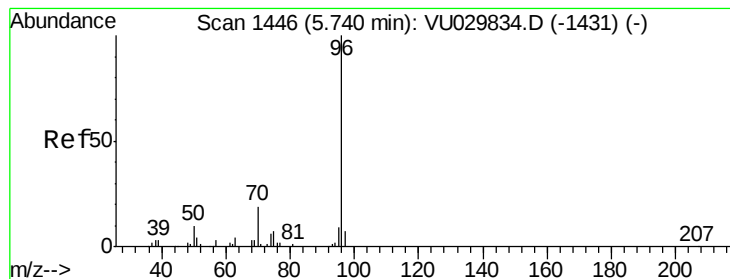
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU029851.D

Acq: 07 Mar 2019 13:32

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 96 Resp: 62439

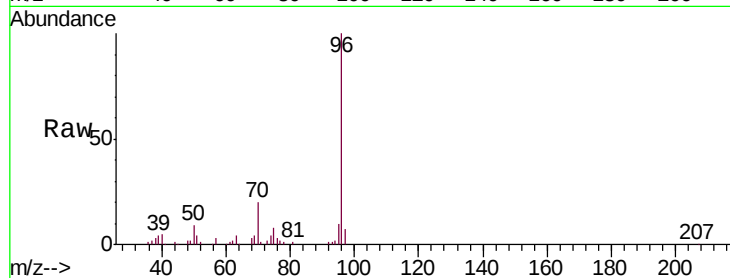
Ion Ratio Lower Upper

96 100

70 20.1 14.4 21.6

95 9.2 7.0 10.6

97 0.0 0.0 0.0

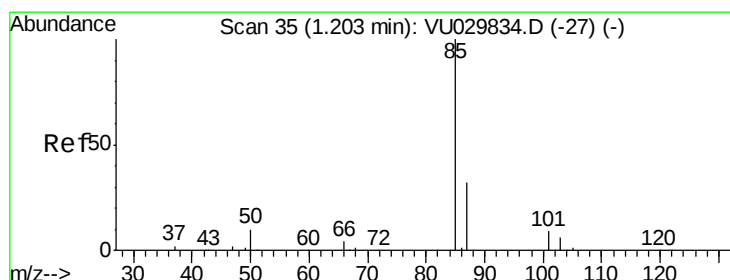
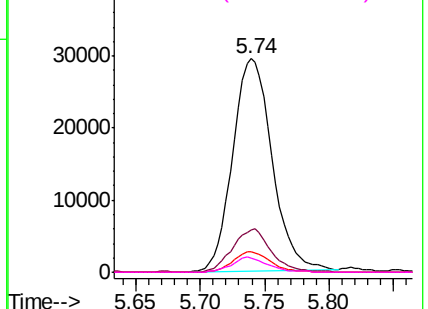
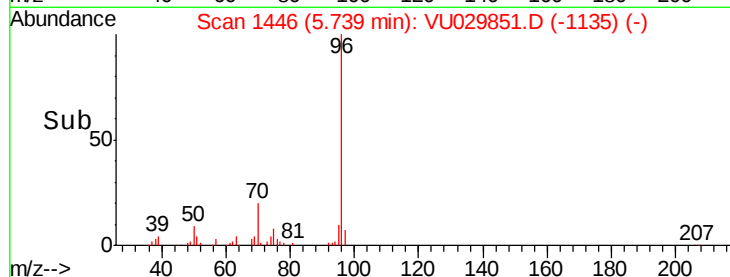


Abundance Ion 96.00 (95.70 to 96.70): VU0

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: 9.740 ug/l

RT: 1.21 min Scan# 36

Delta R.T. 0.00 min

Lab File: VU029851.D

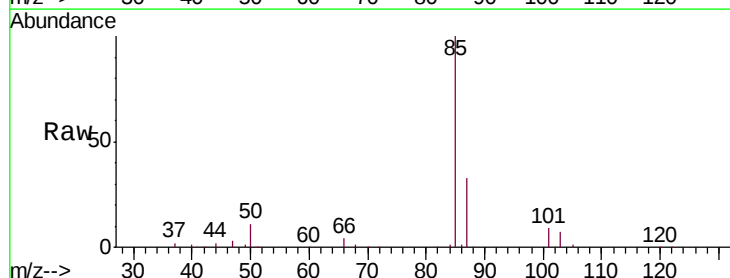
Acq: 07 Mar 2019 13:32

Tgt Ion: 85 Resp: 203498

Ion Ratio Lower Upper

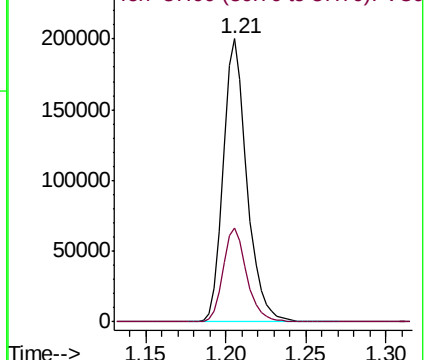
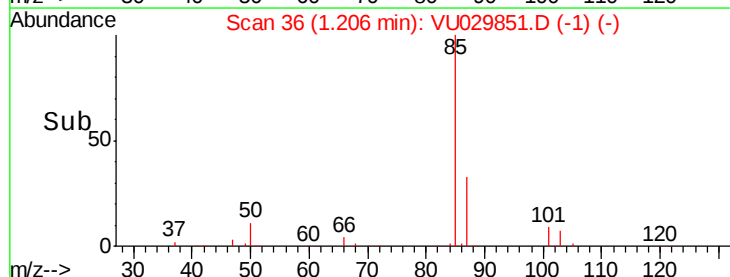
85 100

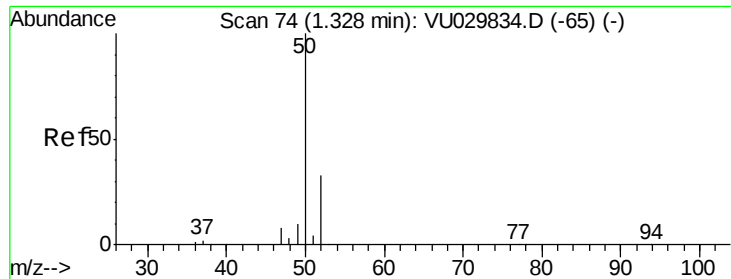
87 33.4 16.2 48.6



Abundance Ion 85.00 (84.70 to 85.70): VU0

Ion 87.00 (86.70 to 87.70): VU0





#3

Chloromethane

Concen: 8.990 ug/l

RT: 1.33 min Scan# 74

Delta R.T. -0.00 min

Lab File: VU029851.D

Acq: 07 Mar 2019 13:32

Instrument :

MSVOA_U

ClientSampleId :

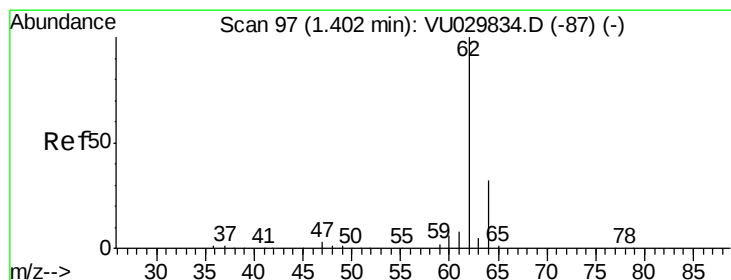
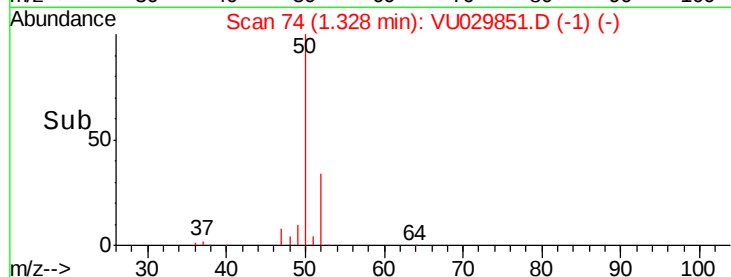
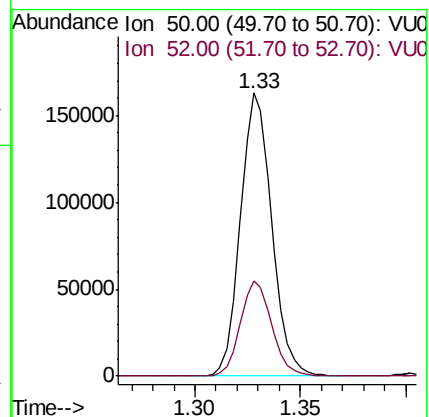
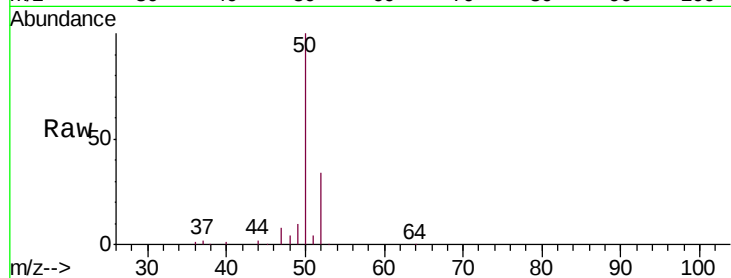
VSTDCCC010EC

Tgt Ion: 50 Resp: 167247

Ion Ratio Lower Upper

50 100

52 33.8 26.5 39.7



#4

Vinyl Chloride

Concen: 10.036 ug/l

RT: 1.40 min Scan# 97

Delta R.T. -0.00 min

Lab File: VU029851.D

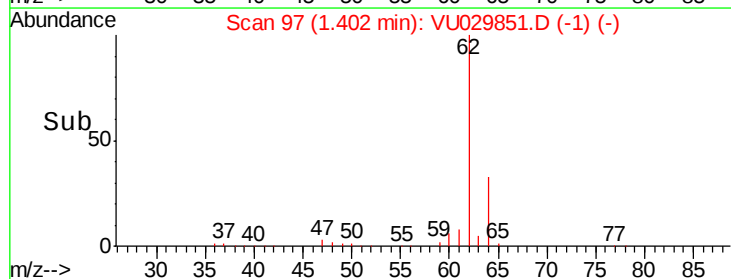
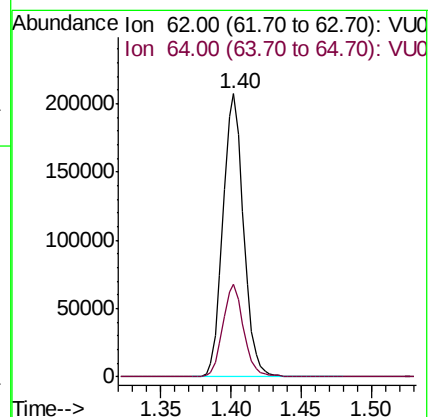
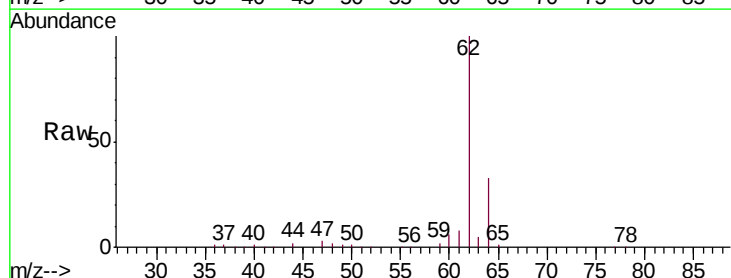
Acq: 07 Mar 2019 13:32

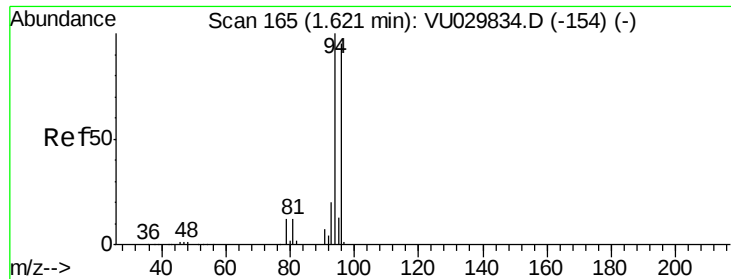
Tgt Ion: 62 Resp: 210036

Ion Ratio Lower Upper

62 100

64 32.3 25.7 38.5





#5

Bromomethane

Concen: 7.792 ug/l

RT: 1.62 min Scan# 165

Delta R.T. -0.00 min

Lab File: VU029851.D

Acq: 07 Mar 2019 13:32

Instrument :

MSVOA_U

ClientSampleId :

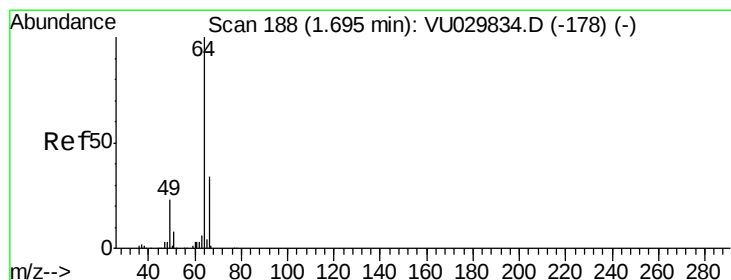
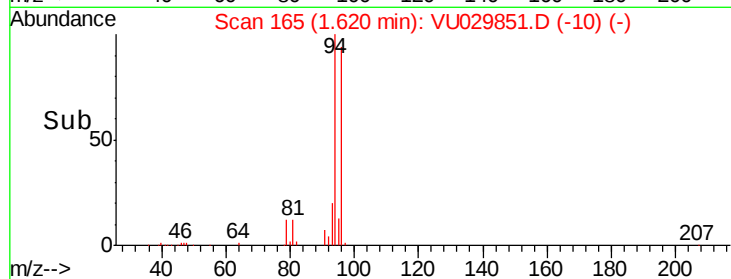
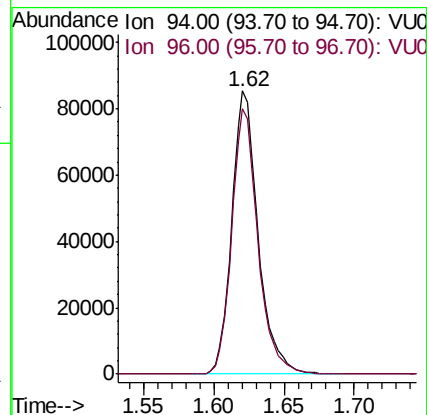
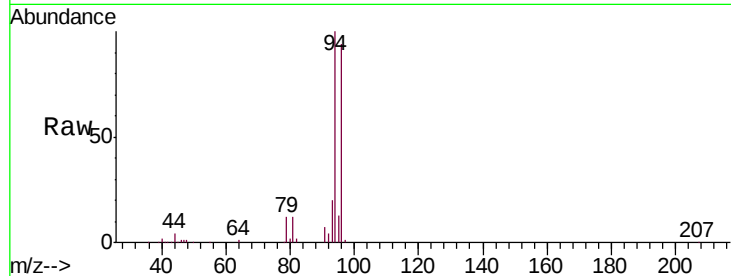
VSTDCCC010EC

Tgt Ion: 94 Resp: 111372

Ion Ratio Lower Upper

94 100

96 93.6 76.4 114.6



#6

Chloroethane

Concen: 9.899 ug/l

RT: 1.69 min Scan# 188

Delta R.T. -0.00 min

Lab File: VU029851.D

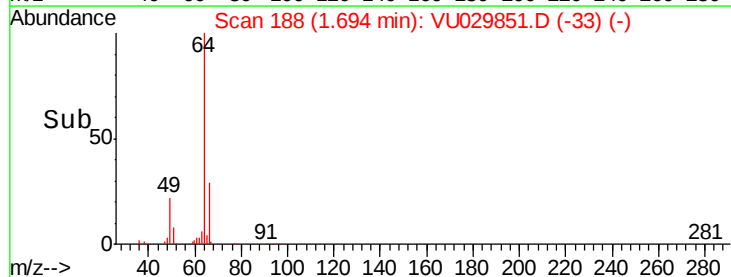
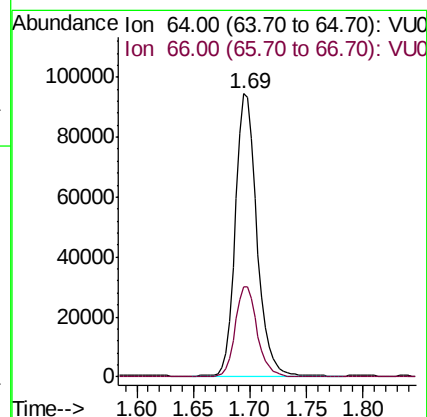
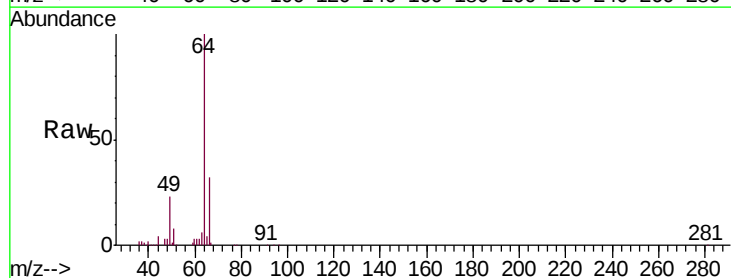
Acq: 07 Mar 2019 13:32

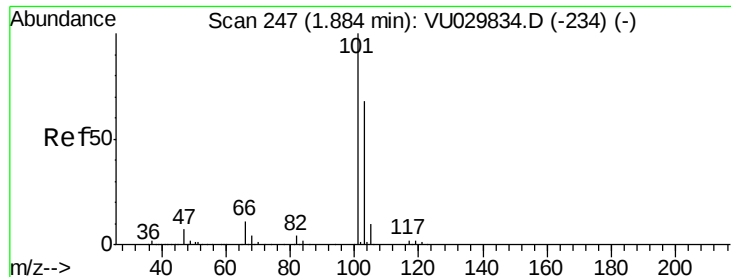
Tgt Ion: 64 Resp: 124229

Ion Ratio Lower Upper

64 100

66 31.7 27.3 40.9



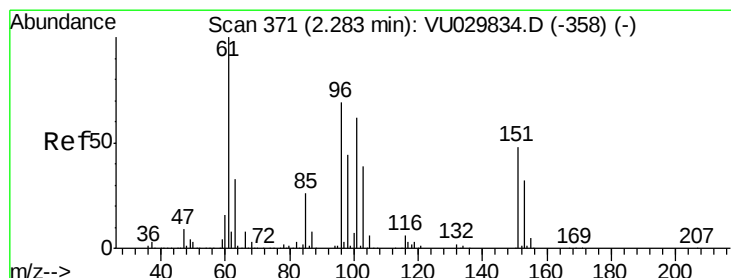
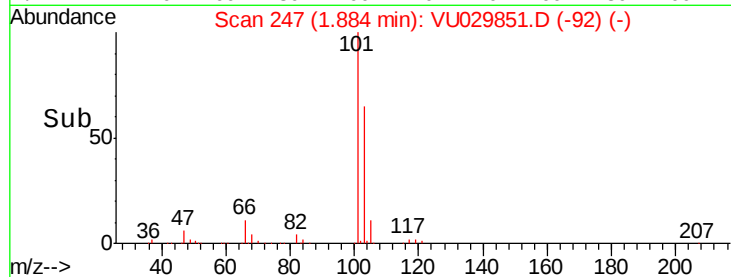
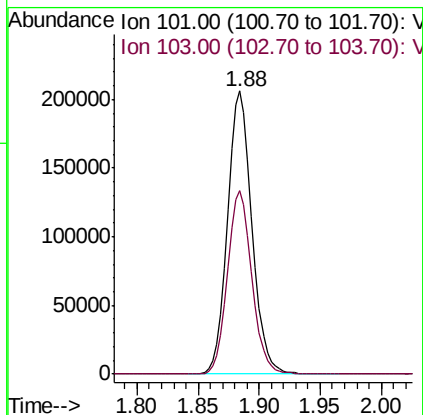
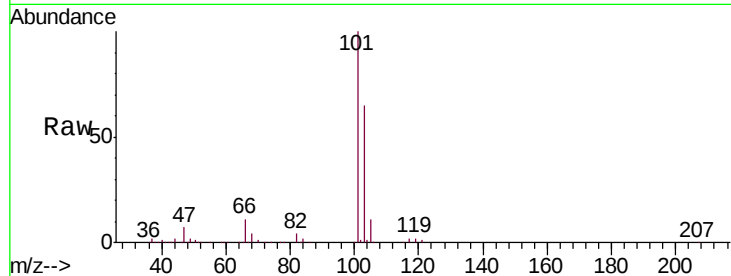


#7

Trichlorofluoromethane
 Concen: 10.155 ug/l
 RT: 1.88 min Scan# 247
 Delta R.T. -0.00 min
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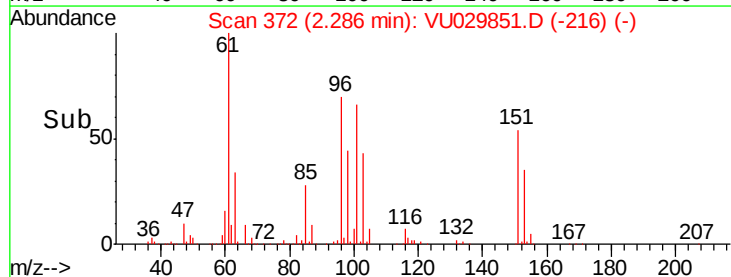
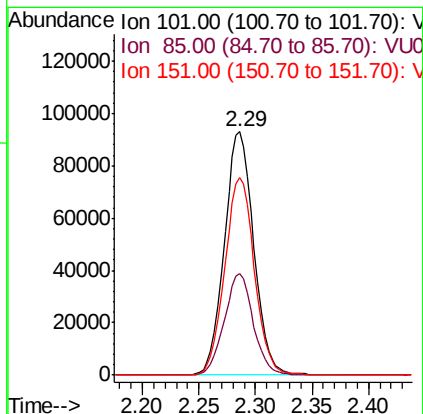
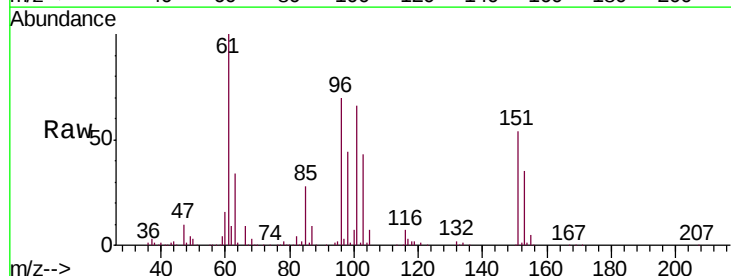
Tgt Ion:101 Resp: 289631
 Ion Ratio Lower Upper
 101 100
 103 64.8 54.2 81.2

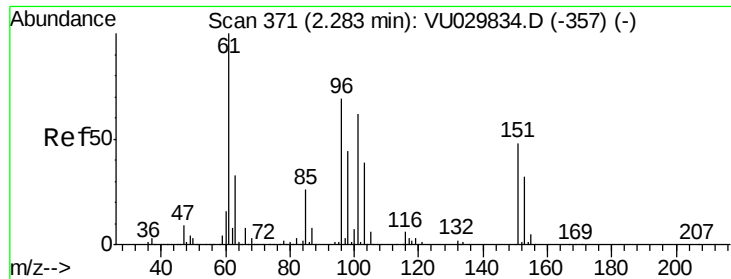


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 10.095 ug/l
 RT: 2.29 min Scan# 372
 Delta R.T. 0.00 min
 Lab File: VU029851.D
 Acq: 07 Mar 2019 13:32

Tgt Ion:101 Resp: 167494
 Ion Ratio Lower Upper
 101 100
 85 41.2 33.4 50.0
 151 81.8 64.6 97.0





#9

1,1-Dichloroethene

Concen: 10.064 ug/l

RT: 2.28 min Scan# 371

Delta R.T. -0.00 min

Lab File: VU029851.D

Acq: 07 Mar 2019 13:32

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

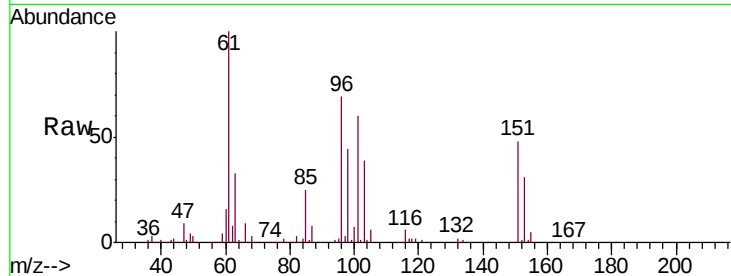
Tgt Ion: 96 Resp: 163448

Ion Ratio Lower Upper

96 100

61 145.6 0.0 435.3

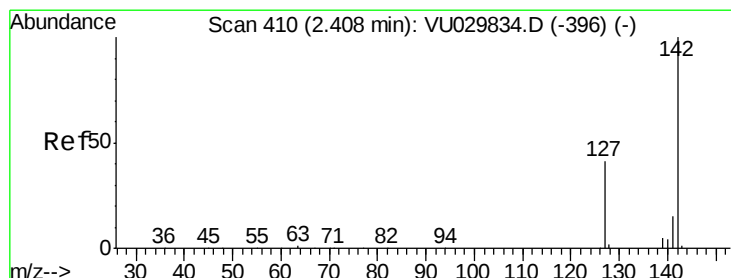
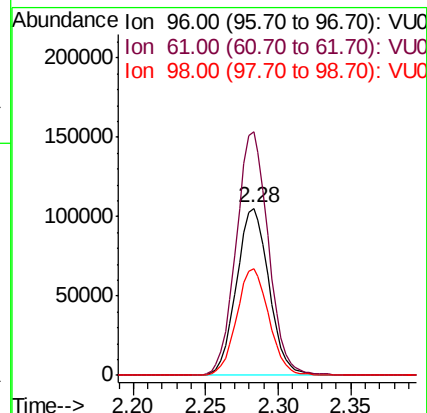
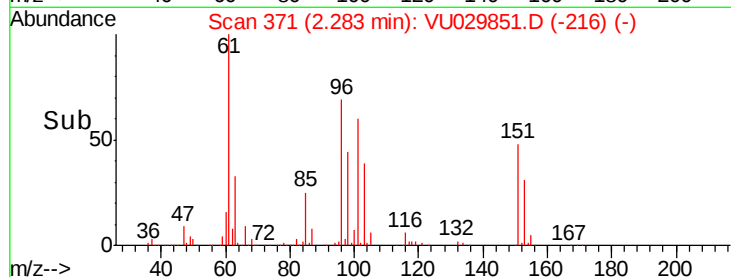
98 63.6 0.0 128.6



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: 9.915 ug/l

RT: 2.41 min Scan# 410

Delta R.T. 0.00 min

Lab File: VU029851.D

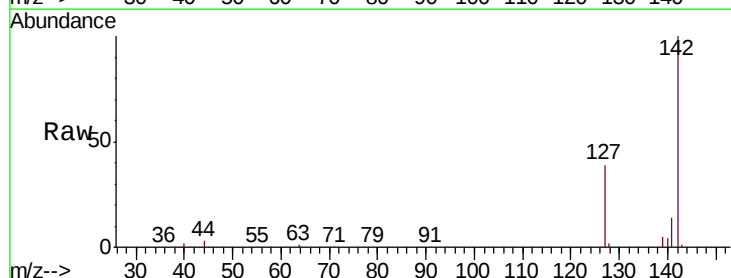
Acq: 07 Mar 2019 13:32

Tgt Ion: 142 Resp: 179873

Ion Ratio Lower Upper

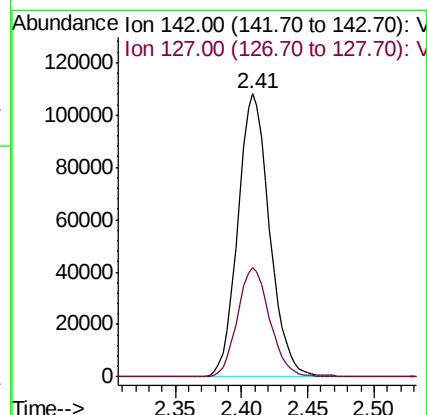
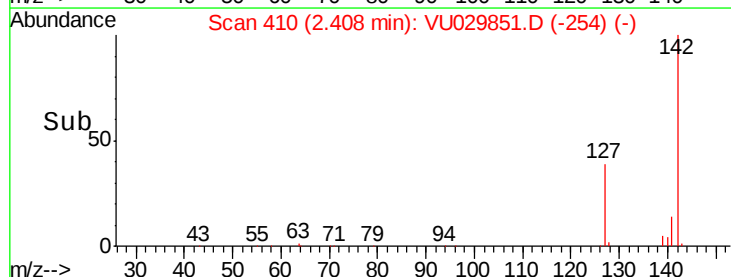
142 100

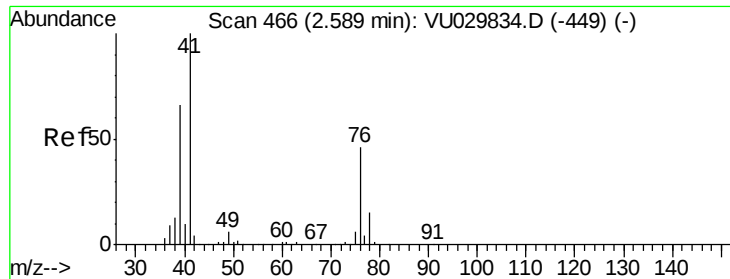
127 39.5 32.3 48.5



Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

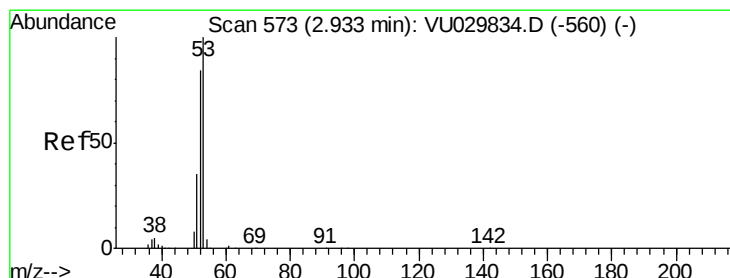
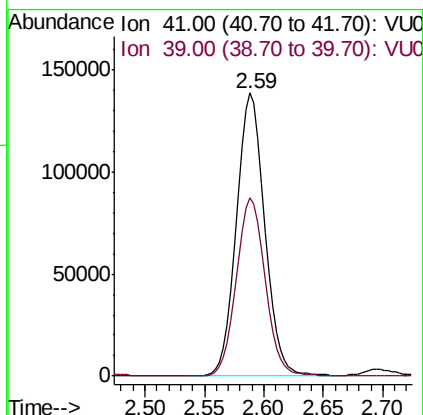
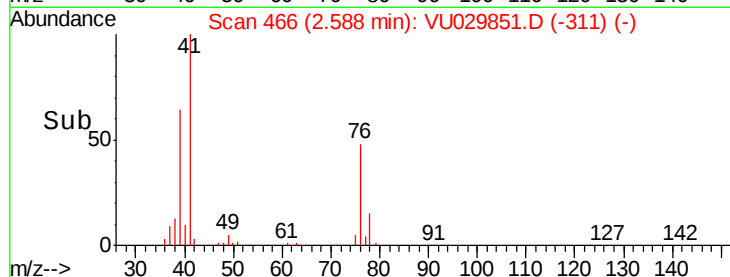
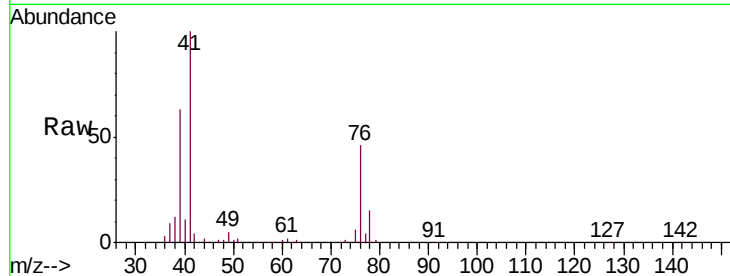




#11
 Allyl Chloride
 Concen: 9.984 ug/l
 RT: 2.59 min Scan# 466
 Delta R.T. -0.00 min
 Lab File: VU029851.D
 Acq: 07 Mar 2019 13:32

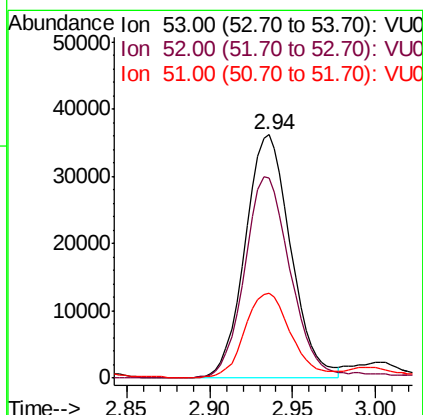
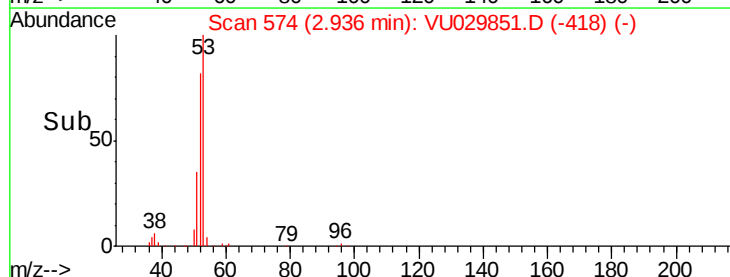
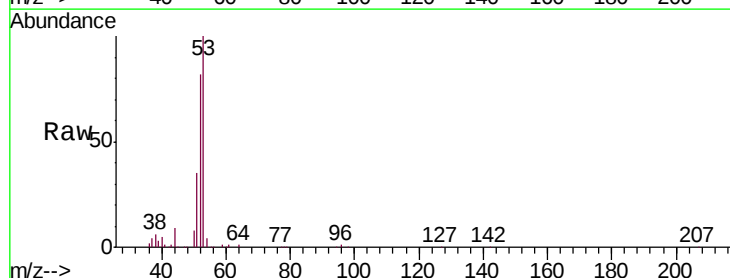
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

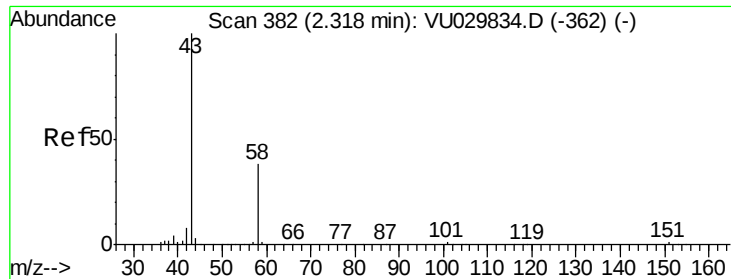
Tgt Ion: 41 Resp: 227954
 Ion Ratio Lower Upper
 41 100
 39 64.0 51.6 77.4



#12
 Acrylonitrile
 Concen: 19.594 ug/l
 RT: 2.94 min Scan# 574
 Delta R.T. 0.00 min
 Lab File: VU029851.D
 Acq: 07 Mar 2019 13:32

Tgt Ion: 53 Resp: 69388
 Ion Ratio Lower Upper
 53 100
 52 85.1 66.5 99.7
 51 35.7 28.6 42.8





#13

Acetone

Concen: 48.356 ug/l

RT: 2.32 min Scan# 382

Delta R.T. -0.00 min

Lab File: VU029851.D

Acq: 07 Mar 2019 13:32

Instrument :

MSVOA_U

ClientSampleId :

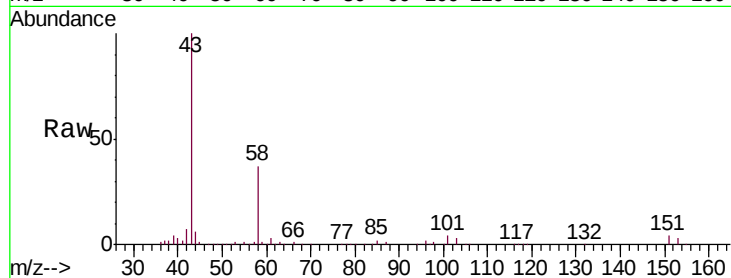
VSTDCCC010EC

Tgt Ion: 43 Resp: 141827

Ion Ratio Lower Upper

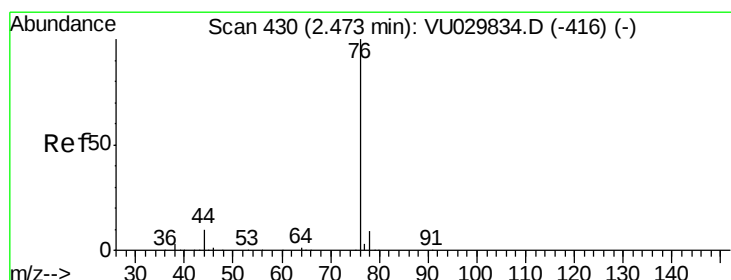
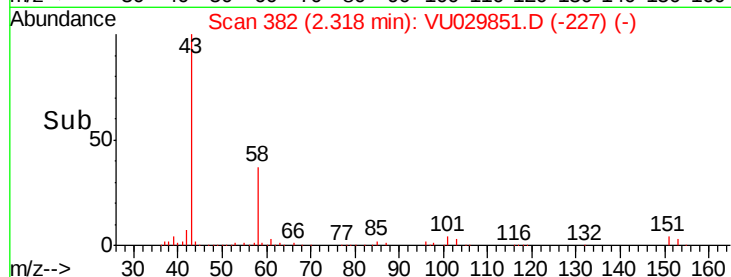
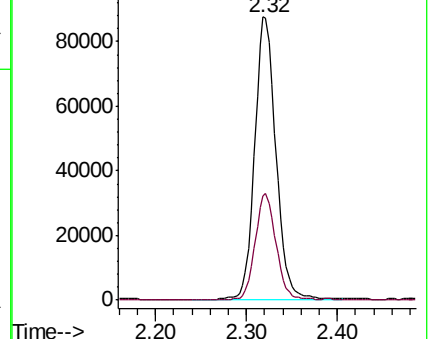
43 100

58 37.0 30.2 45.2



Abundance Ion 43.00 (42.70 to 43.70): VU029834.D (-362) (-)

Ion 58.00 (57.70 to 58.70): VU029834.D (-362) (-)



#14

Carbon Disulfide

Concen: 9.723 ug/l

RT: 2.47 min Scan# 430

Delta R.T. -0.00 min

Lab File: VU029851.D

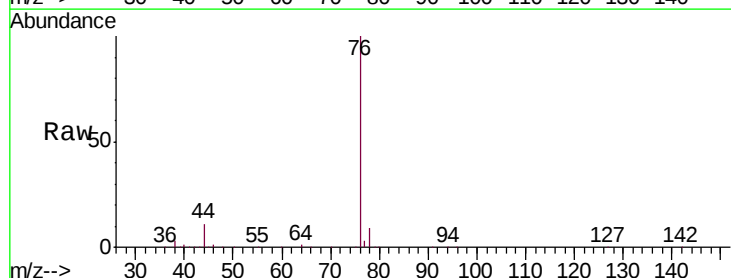
Acq: 07 Mar 2019 13:32

Tgt Ion: 76 Resp: 511377

Ion Ratio Lower Upper

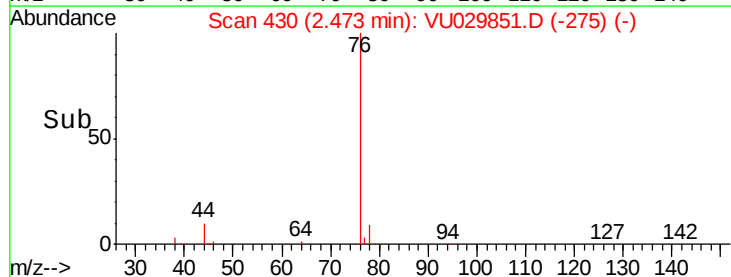
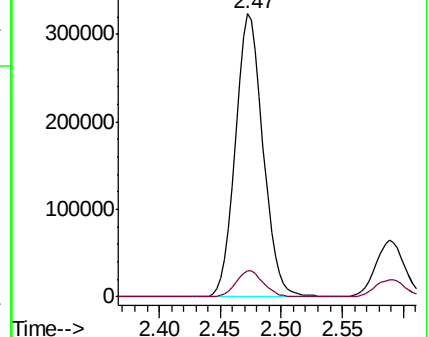
76 100

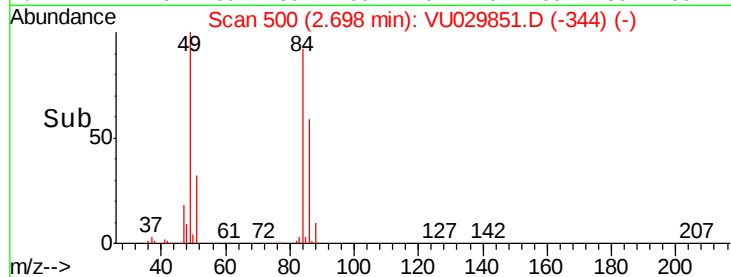
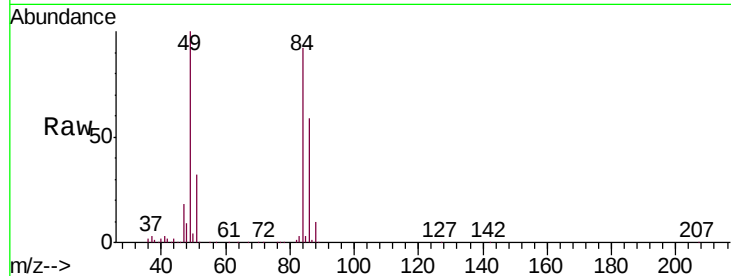
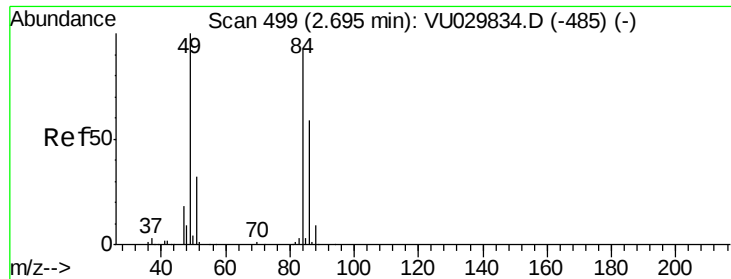
78 9.1 7.2 10.8



Abundance Ion 76.00 (75.70 to 76.70): VU029834.D (-416) (-)

Ion 78.00 (77.70 to 78.70): VU029834.D (-416) (-)

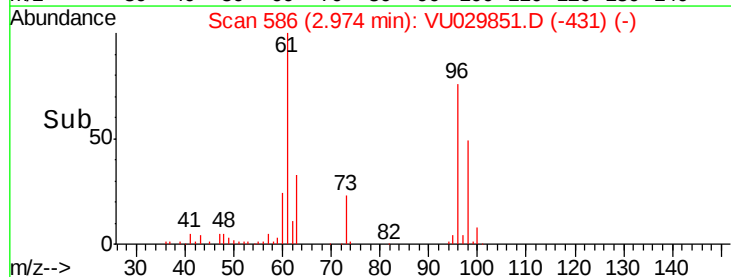
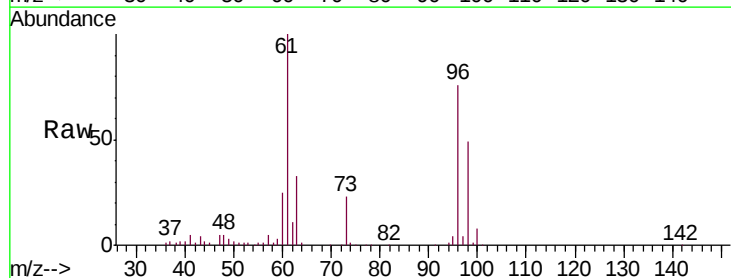
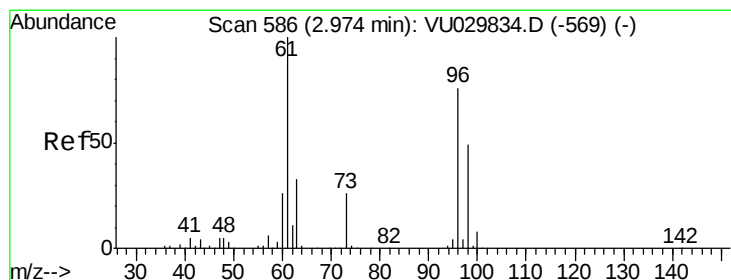
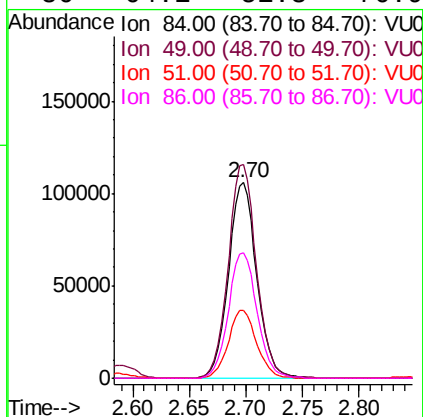




#15
Methylene Chloride
Concen: 9.467 ug/l
RT: 2.70 min Scan# 500
Delta R.T. 0.00 min
Lab File: VU029851.D
Acq: 07 Mar 2019 13:32

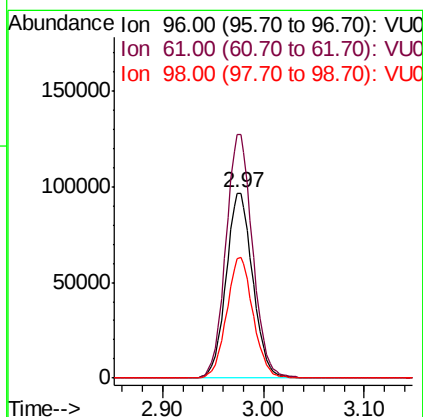
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

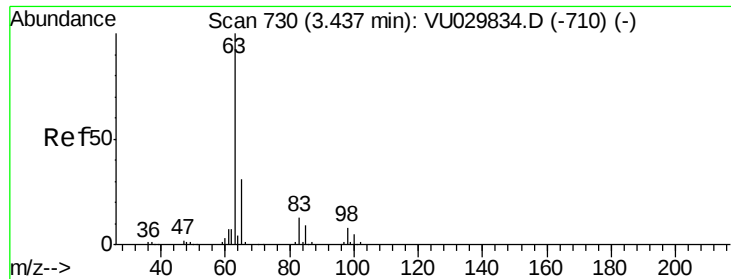
Tgt Ion: 84 Resp: 184496
Ion Ratio Lower Upper
84 100
49 109.3 87.2 130.8
51 34.9 0.0 69.0
86 64.1 51.3 76.9



#16
trans-1,2-Dichloroethene
Concen: 9.749 ug/l
RT: 2.97 min Scan# 586
Delta R.T. -0.00 min
Lab File: VU029851.D
Acq: 07 Mar 2019 13:32

Tgt Ion: 96 Resp: 178854
Ion Ratio Lower Upper
96 100
61 131.7 104.7 157.1
98 64.8 50.9 76.3

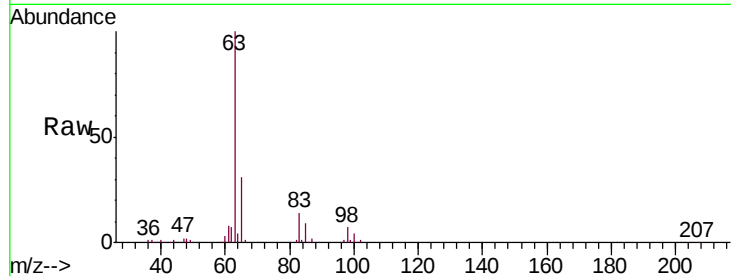




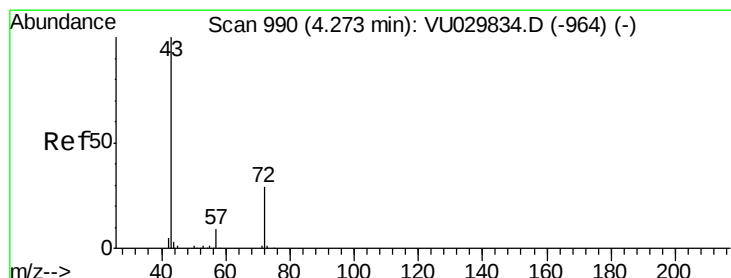
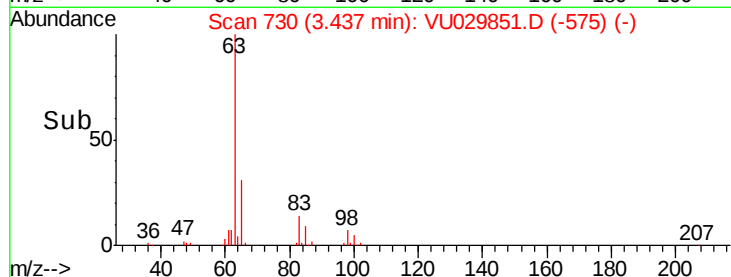
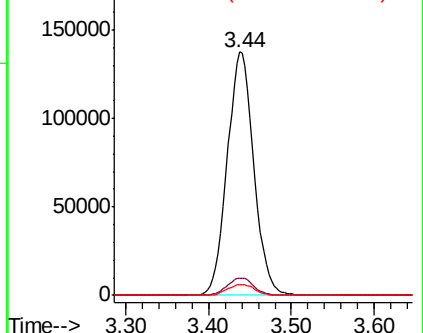
#17
 1,1-Dichloroethane
 Concen: 9.990 ug/l
 RT: 3.44 min Scan# 730
 Delta R.T. -0.00 min
 Lab File: VU029851.D
 Acq: 07 Mar 2019 13:32

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion	Ratio	Lower	Upper
63	100		
98	7.3	3.8	11.4
100	4.5	2.4	7.1

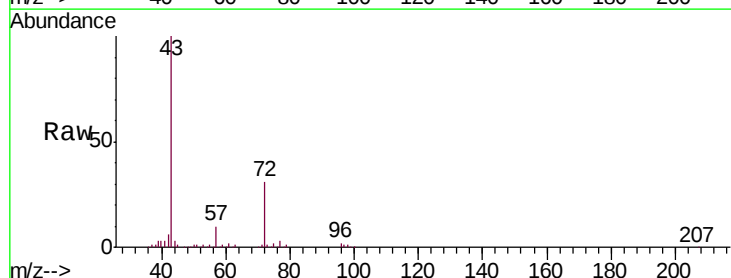


Abundance Ion 63.00 (62.70 to 63.70): VU0
 Ion 98.00 (97.70 to 98.70): VU0
 Ion 100.00 (99.70 to 100.70): VU0

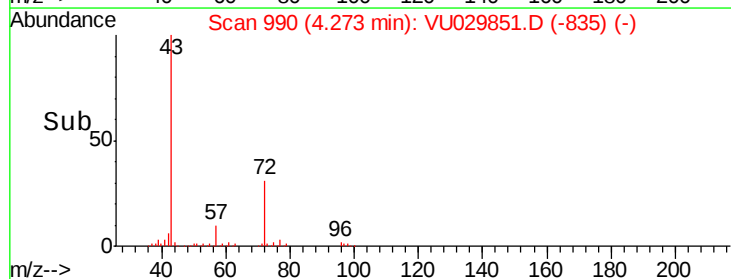
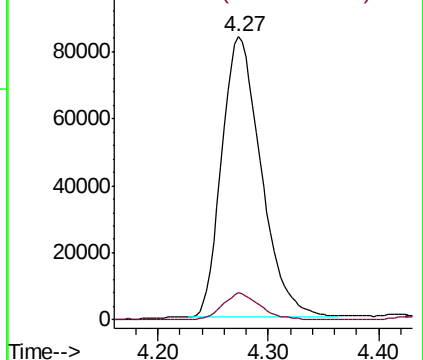


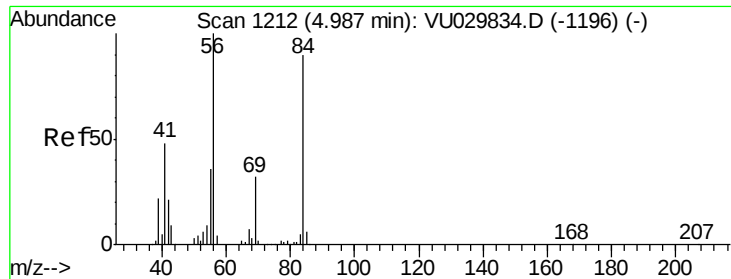
#18
 2-Butanone
 Concen: 51.647 ug/l
 RT: 4.27 min Scan# 990
 Delta R.T. -0.00 min
 Lab File: VU029851.D
 Acq: 07 Mar 2019 13:32

Tgt Ion	Ratio	Lower	Upper
43	100		
57	9.5	0.0	18.6



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

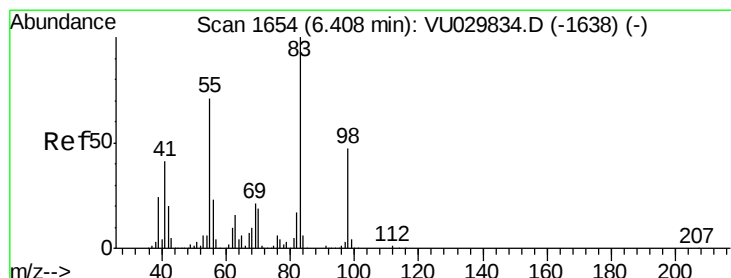
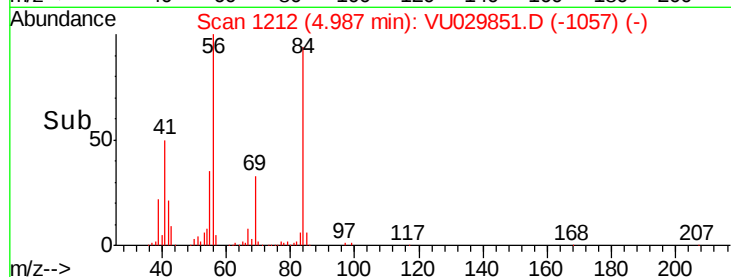
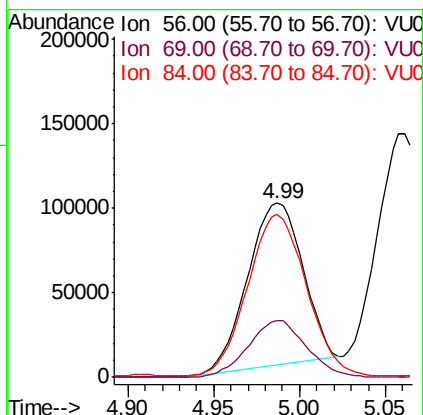
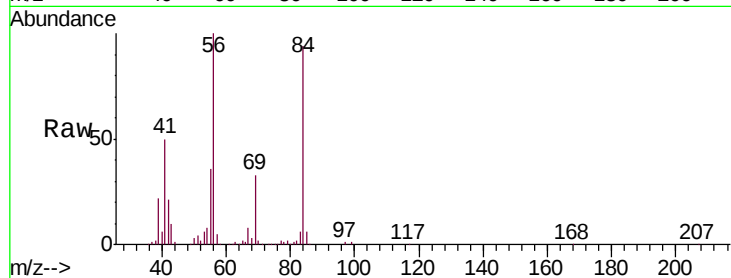




#19
Cyclohexane
Concen: 8.985 ug/l
RT: 4.99 min Scan# 1212
Delta R.T. -0.00 min
Lab File: VU029851.D
Acq: 07 Mar 2019 13:32

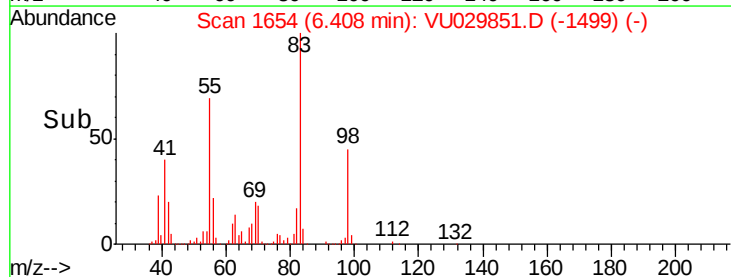
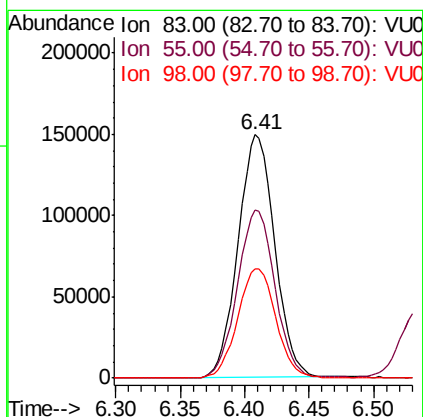
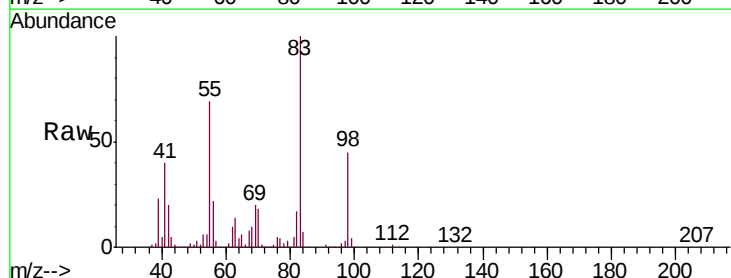
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

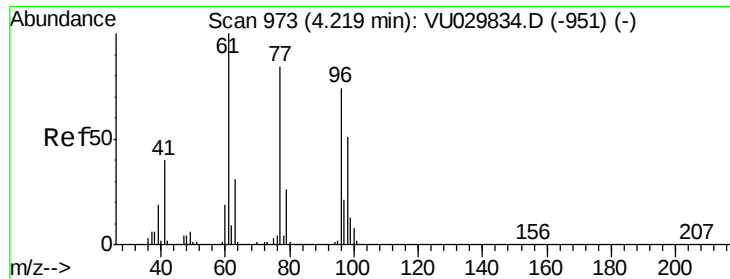
Tgt Ion: 56 Resp: 214145
Ion Ratio Lower Upper
56 100
69 37.2 29.4 44.2
84 105.7 84.6 127.0



#20
Methylcyclohexane
Concen: 10.669 ug/l
RT: 6.41 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VU029851.D
Acq: 07 Mar 2019 13:32

Tgt Ion: 83 Resp: 296150
Ion Ratio Lower Upper
83 100
55 70.0 55.9 83.9
98 46.6 37.0 55.4





#21

2,2-Dichloropropane

Concen: 10.070 ug/l

RT: 4.22 min Scan# 974

Delta R.T. 0.00 min

Lab File: VU029851.D

Acq: 07 Mar 2019 13:32

Instrument :

MSVOA_U

ClientSampleId :

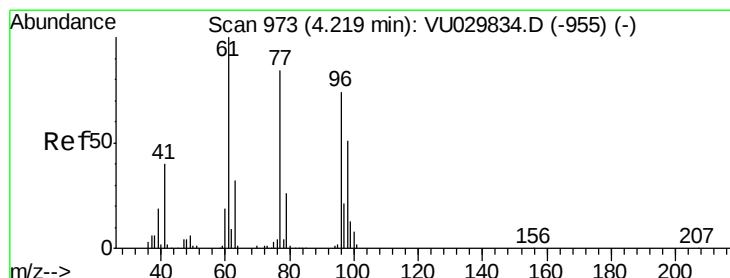
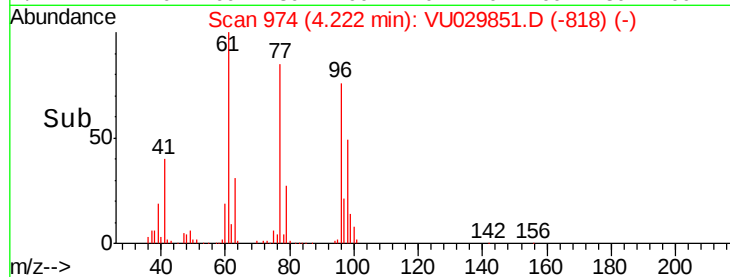
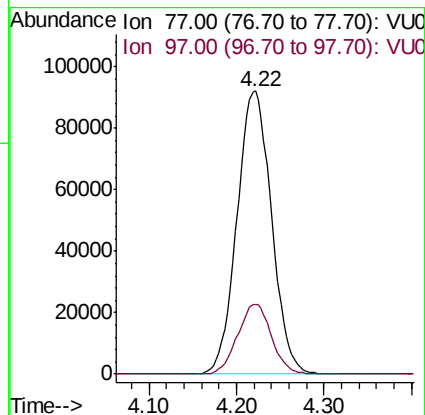
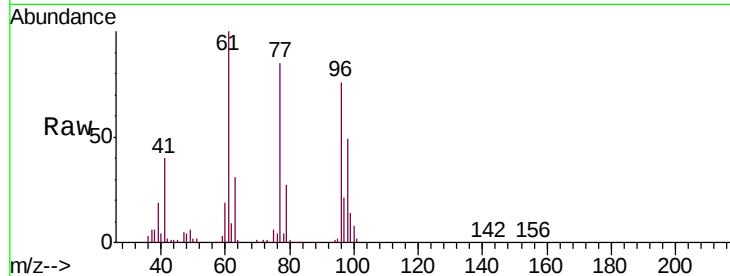
VSTDCCC010EC

Tgt Ion: 77 Resp: 252671

Ion Ratio Lower Upper

77 100

97 24.2 20.2 30.2



#22

cis-1,2-Dichloroethene

Concen: 10.255 ug/l

RT: 4.22 min Scan# 974

Delta R.T. 0.00 min

Lab File: VU029851.D

Acq: 07 Mar 2019 13:32

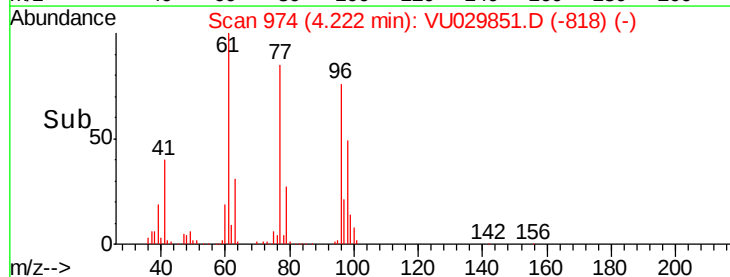
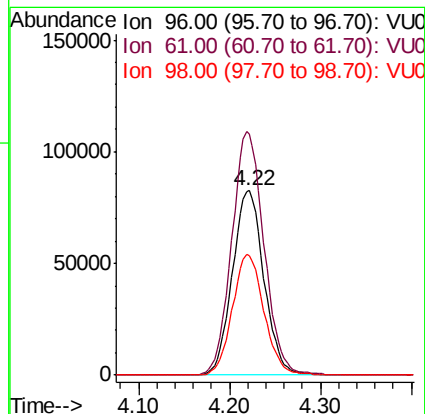
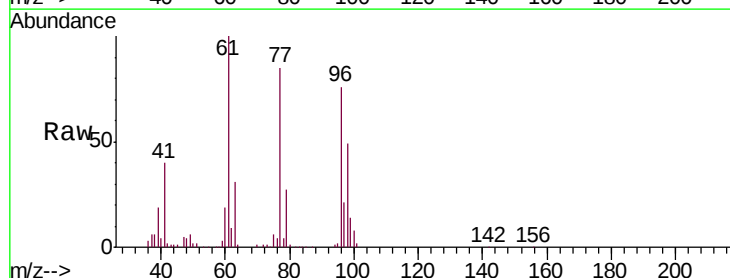
Tgt Ion: 96 Resp: 199402

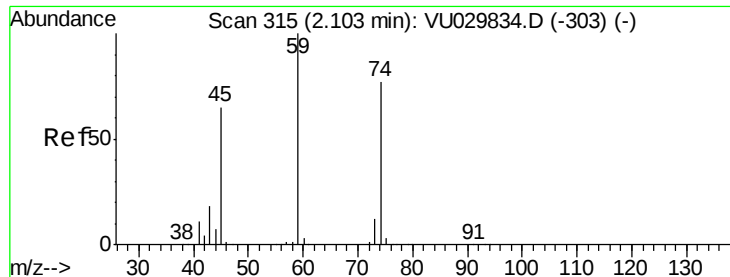
Ion Ratio Lower Upper

96 100

61 134.8 0.0 339.0

98 65.3 33.1 99.5

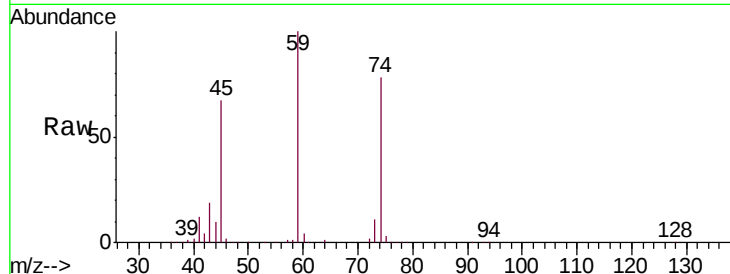




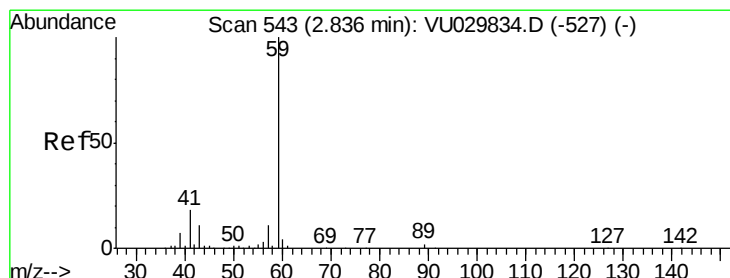
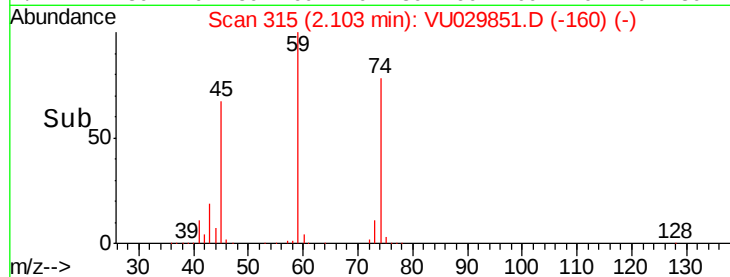
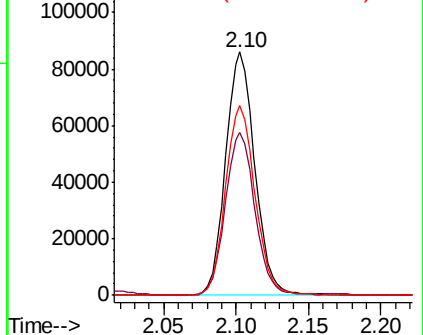
#23
Diethyl Ether
Concen: 9.921 ug/l
RT: 2.10 min Scan# 315
Delta R.T. -0.00 min
Lab File: VU029851.D
Acq: 07 Mar 2019 13:32

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 59 Resp: 120803
Ion Ratio Lower Upper
59 100
45 67.0 52.7 79.1
74 78.6 61.8 92.6

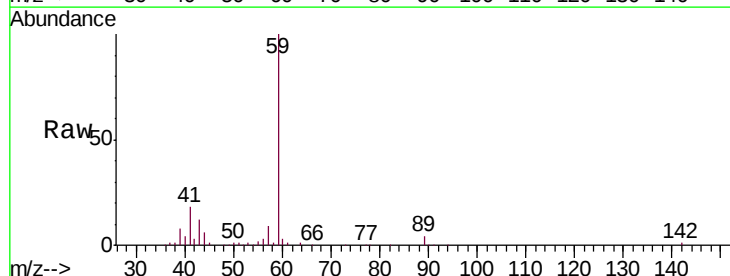


Abundance Ion 59.00 (58.70 to 59.70): VU0
Ion 45.00 (44.70 to 45.70): VU0
Ion 74.00 (73.70 to 74.70): VU0

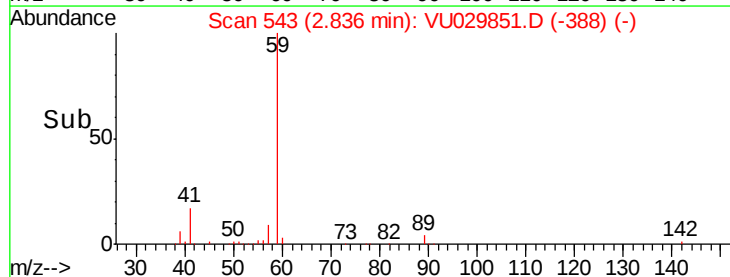
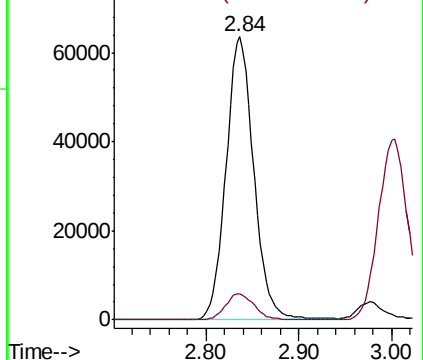


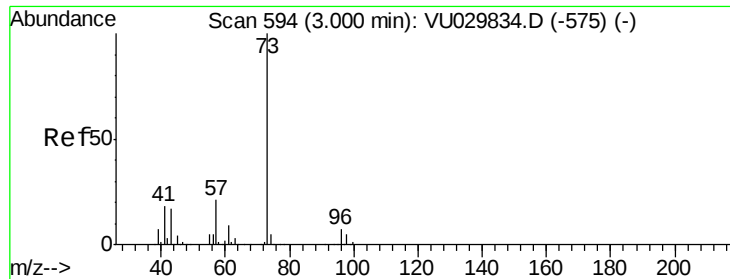
#24
tert-Butyl Alcohol
Concen: 105.251 ug/l
RT: 2.84 min Scan# 543
Delta R.T. -0.00 min
Lab File: VU029851.D
Acq: 07 Mar 2019 13:32

Tgt Ion: 59 Resp: 132197
Ion Ratio Lower Upper
59 100
57 9.6 8.5 12.7



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



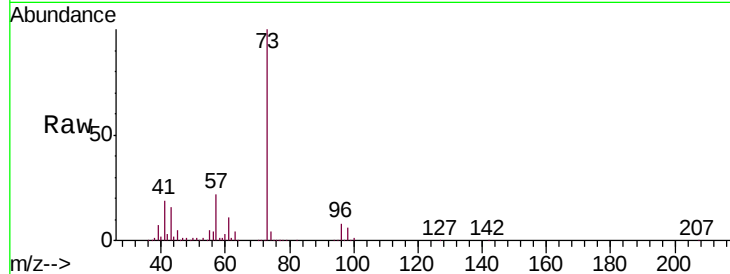


#25

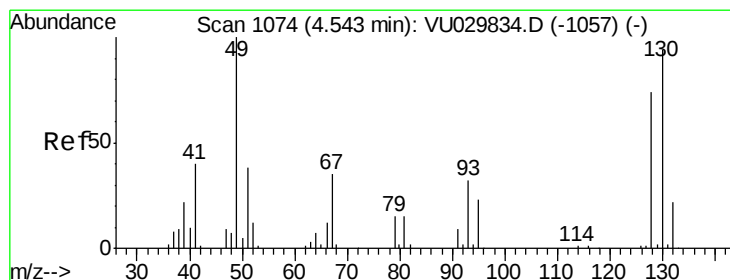
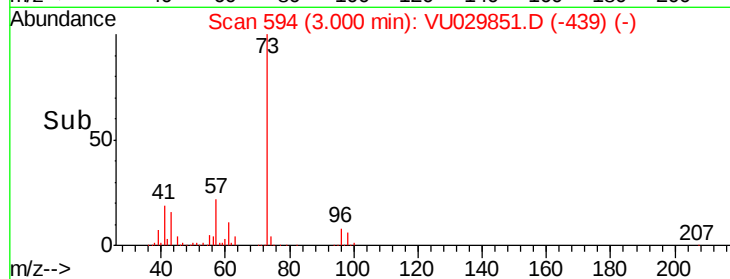
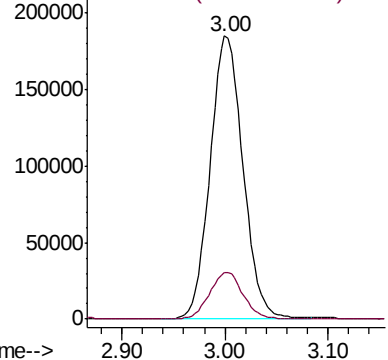
Methyl tert-Butyl Ether
Concen: 10.013 ug/l
RT: 3.00 min Scan# 594
Delta R.T. -0.00 min
Lab File: VU029851.D
Acq: 07 Mar 2019 13:32

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 73 Resp: 409532
Ion Ratio Lower Upper
73 100
43 16.7 13.1 19.7



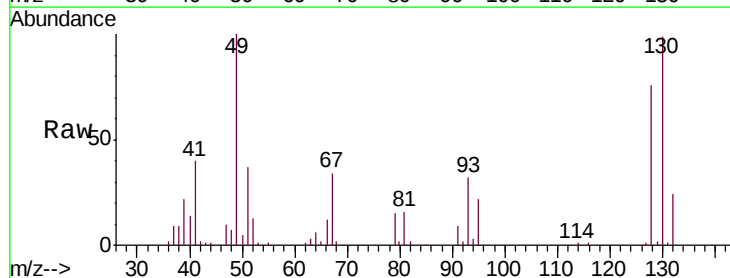
Abundance Ion 73.00 (72.70 to 73.70): VU0
Ion 43.00 (42.70 to 43.70): VU0



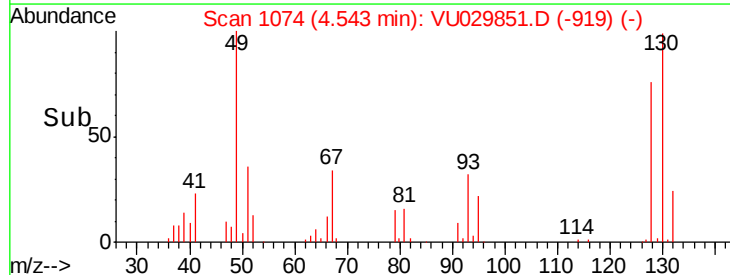
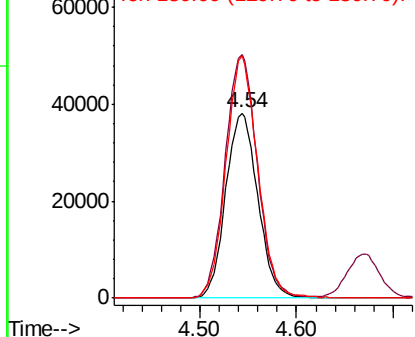
#26

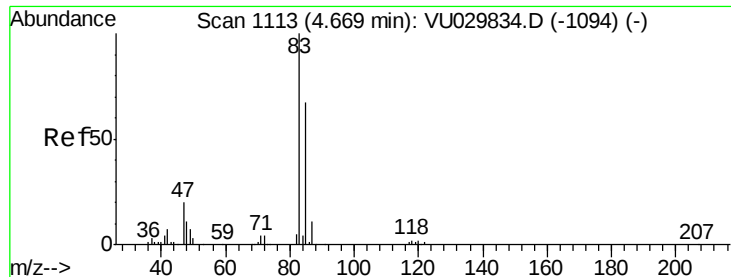
Bromochloromethane
Concen: 10.215 ug/l
RT: 4.54 min Scan# 1074
Delta R.T. -0.00 min
Lab File: VU029851.D
Acq: 07 Mar 2019 13:32

Tgt Ion: 128 Resp: 88174
Ion Ratio Lower Upper
128 100
49 132.2 0.0 270.6
130 129.2 104.2 156.4



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 49.00 (48.70 to 49.70): VU0
Ion 130.00 (129.70 to 130.70): V

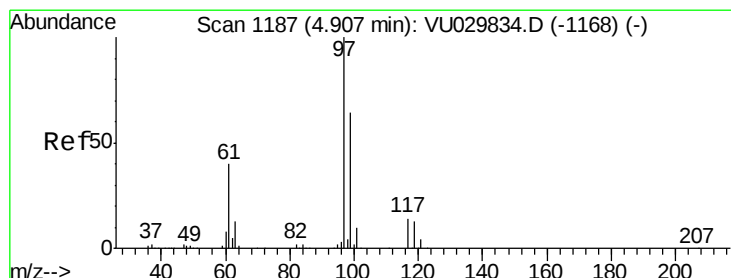
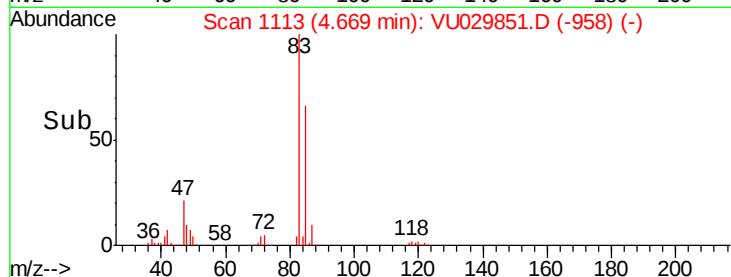
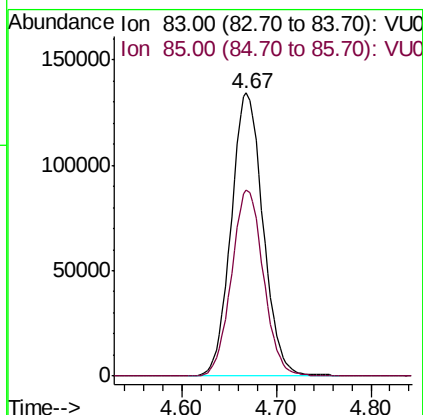
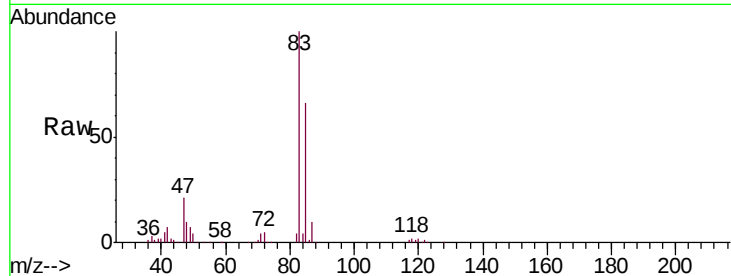




#27
Chloroform
Concen: 10.130 ug/l
RT: 4.67 min Scan# 1113
Delta R.T. -0.00 min
Lab File: VU029851.D
Acq: 07 Mar 2019 13:32

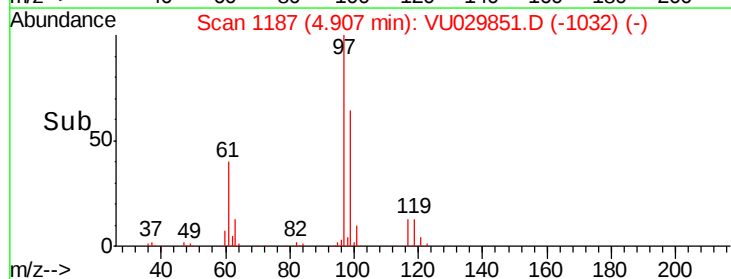
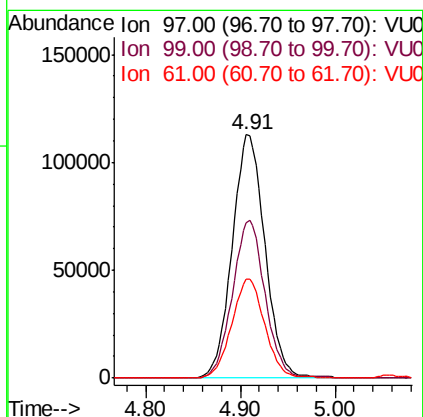
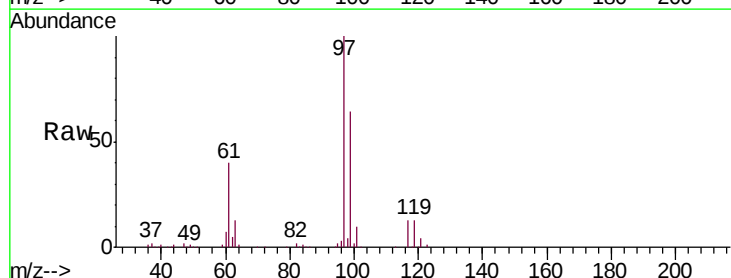
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

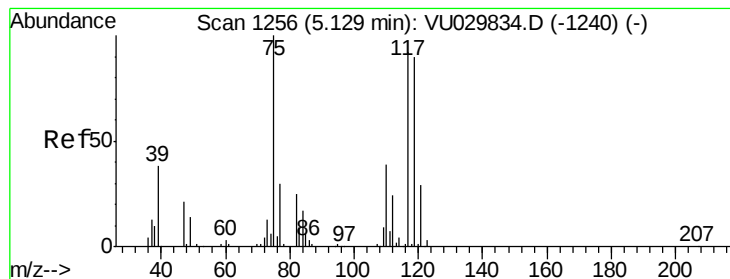
Tgt Ion: 83 Resp: 314865
Ion Ratio Lower Upper
83 100
85 65.9 0.0 133.2



#28
1,1,1-Trichloroethane
Concen: 10.311 ug/l
RT: 4.91 min Scan# 1187
Delta R.T. -0.00 min
Lab File: VU029851.D
Acq: 07 Mar 2019 13:32

Tgt Ion: 97 Resp: 271739
Ion Ratio Lower Upper
97 100
99 64.6 31.9 95.9
61 41.0 20.4 61.3





#29

1,1-Dichloropropene

Concen: 10.133 ug/l

RT: 5.13 min Scan# 1256

Delta R.T. -0.00 min

Lab File: VU029851.D

Acq: 07 Mar 2019 13:32

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

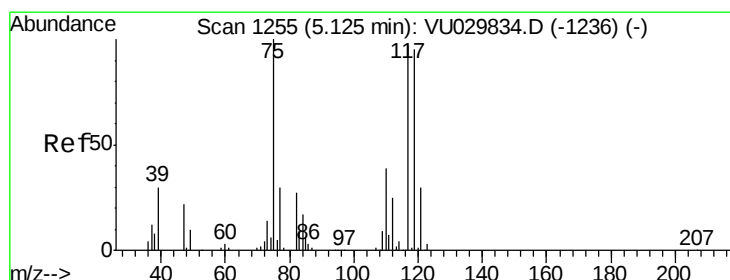
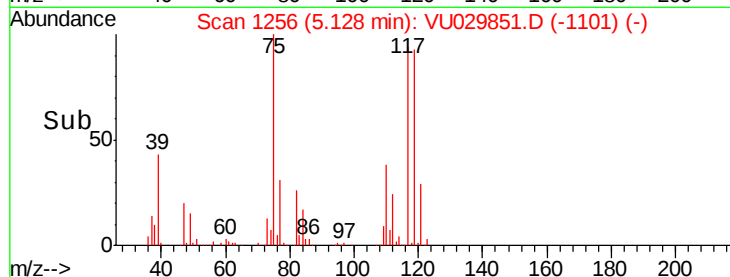
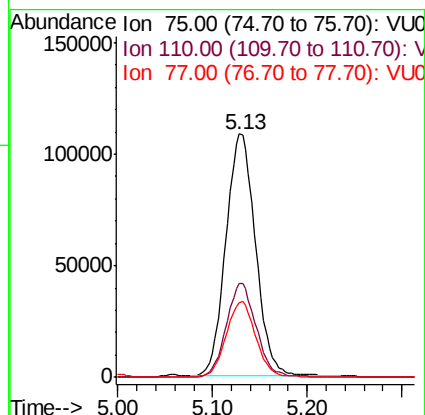
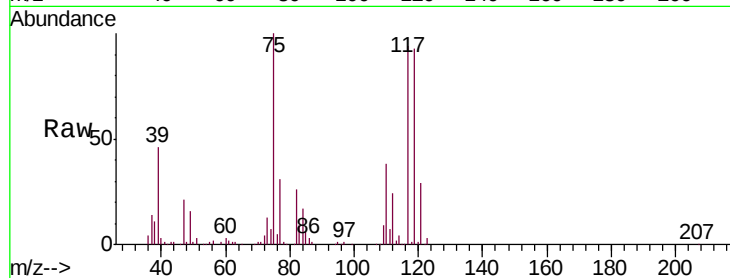
Tgt Ion: 75 Resp: 237318

Ion Ratio Lower Upper

75 100

110 39.2 19.1 57.5

77 30.7 23.9 35.9



#30

Carbon Tetrachloride

Concen: 10.473 ug/l

RT: 5.13 min Scan# 1255

Delta R.T. -0.00 min

Lab File: VU029851.D

Acq: 07 Mar 2019 13:32

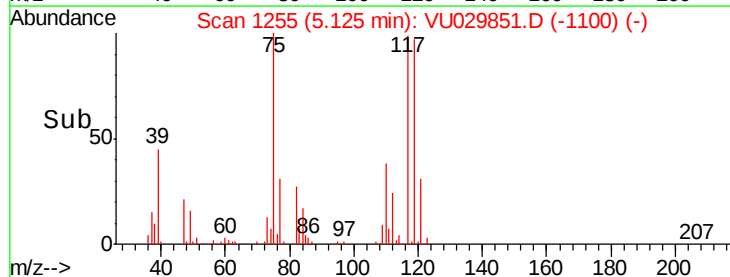
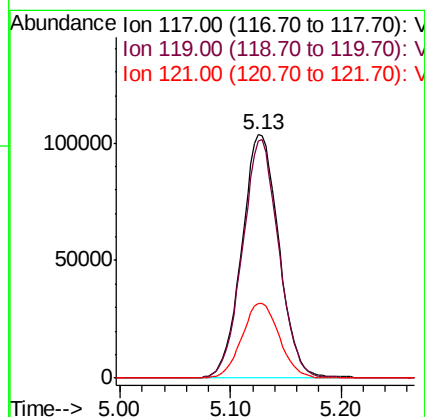
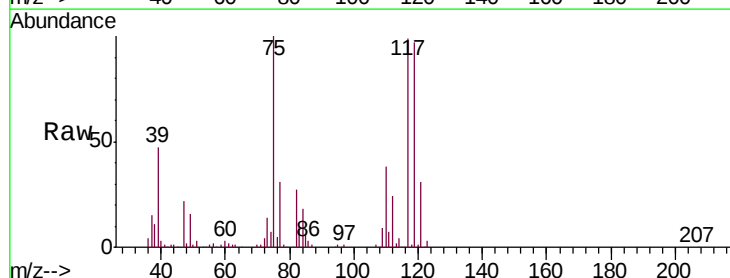
Tgt Ion: 117 Resp: 240790

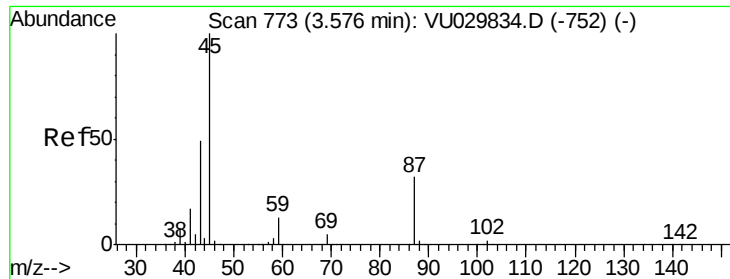
Ion Ratio Lower Upper

117 100

119 97.5 78.4 117.6

121 30.8 25.0 37.4





#31

Isopropyl Ether

Concen: 10.263 ug/l

RT: 3.58 min Scan# 773

Delta R.T. -0.00 min

Lab File: VU029851.D

Acq: 07 Mar 2019 13:32

Instrument :

MSVOA_U

ClientSampleId :

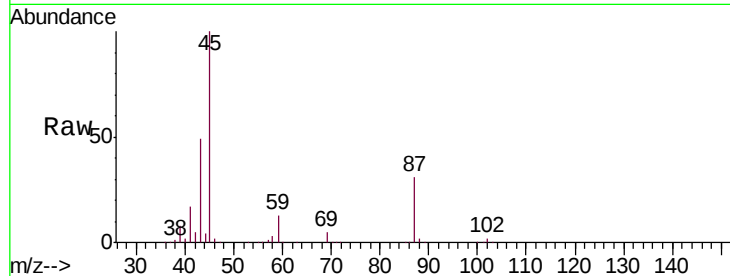
VSTDCCC010EC

Tgt Ion: 45 Resp: 434494

Ion Ratio Lower Upper

45 100

43 49.4 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) (-)

200000

150000

100000

50000

0

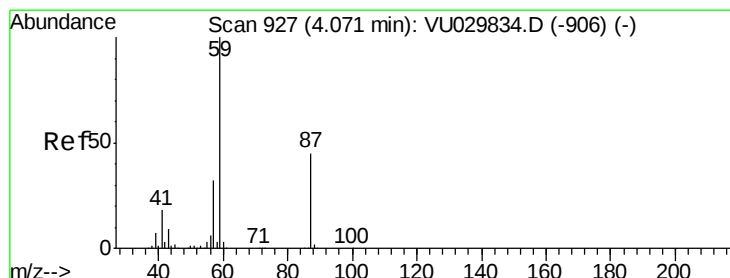
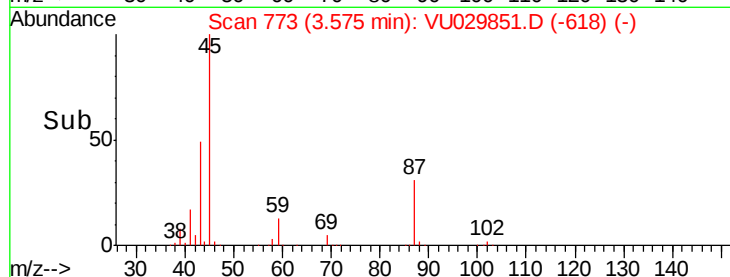
3.58

3.50

3.60

3.70

Time-->



#32

Ethyl-t-butyl ether

Concen: 10.202 ug/l

RT: 4.07 min Scan# 928

Delta R.T. 0.00 min

Lab File: VU029851.D

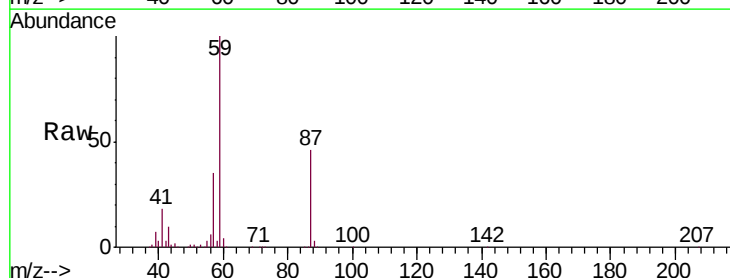
Acq: 07 Mar 2019 13:32

Tgt Ion: 59 Resp: 419853

Ion Ratio Lower Upper

59 100

87 45.6 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) (-)

150000

100000

50000

0

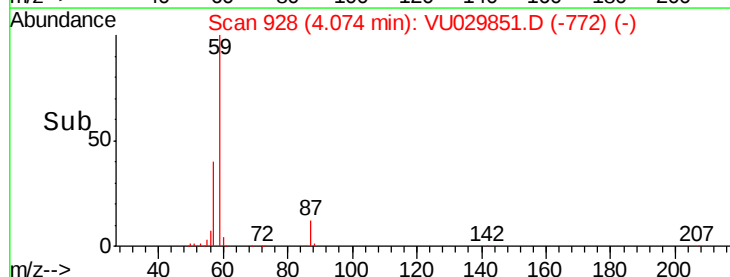
4.07

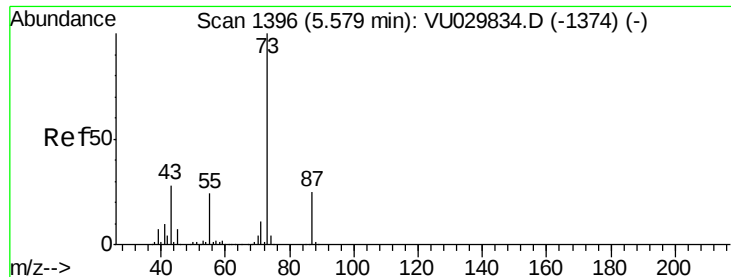
4.00

4.10

4.20

Time-->

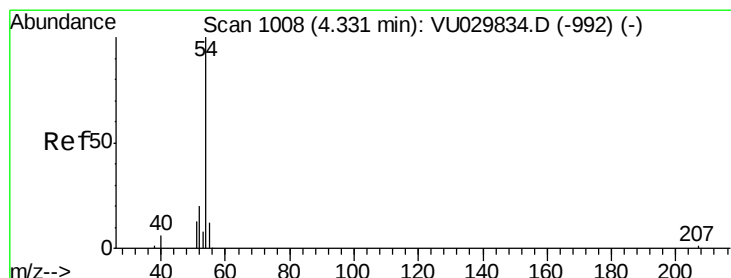
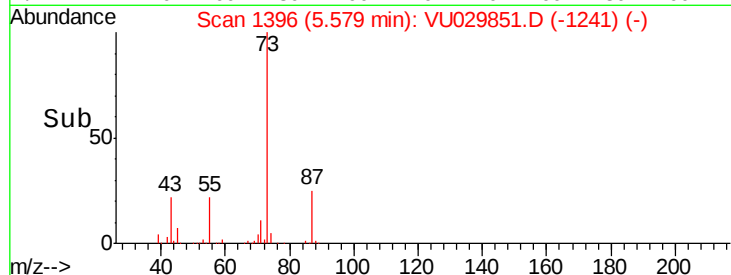
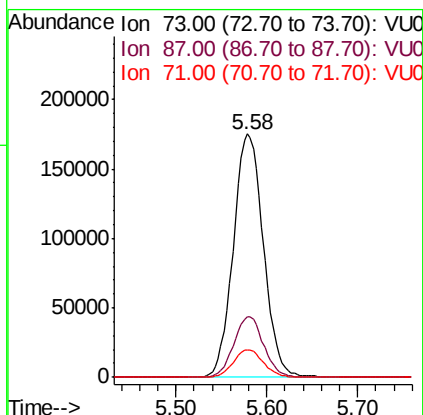
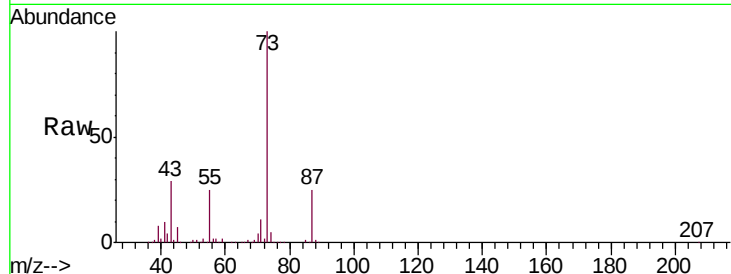




#33
 Tert-Amyl methyl ether
 Concen: 10.496 ug/l
 RT: 5.58 min Scan# 1396
 Delta R.T. -0.00 min
 Lab File: VU029851.D
 Acq: 07 Mar 2019 13:32

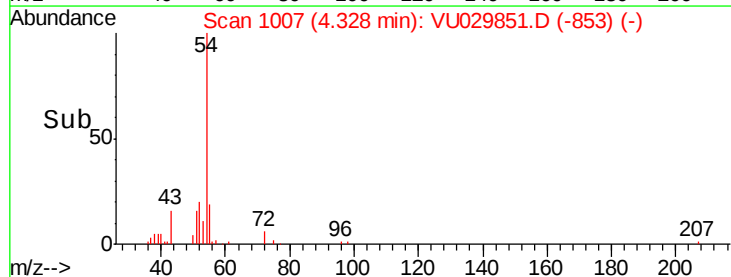
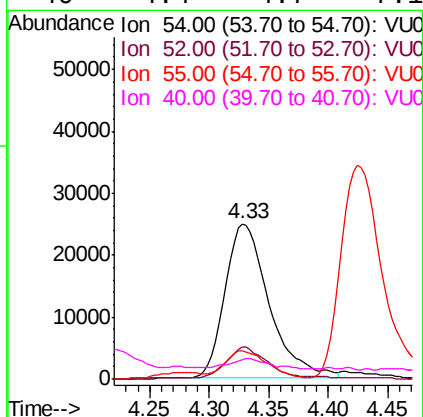
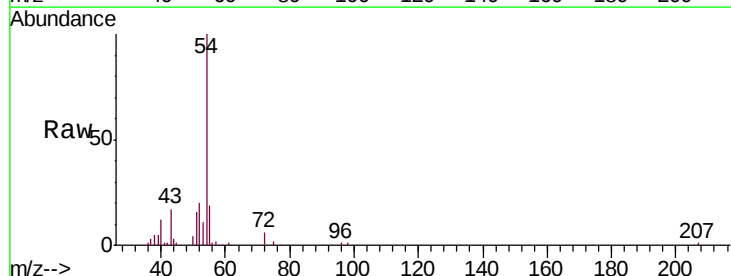
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

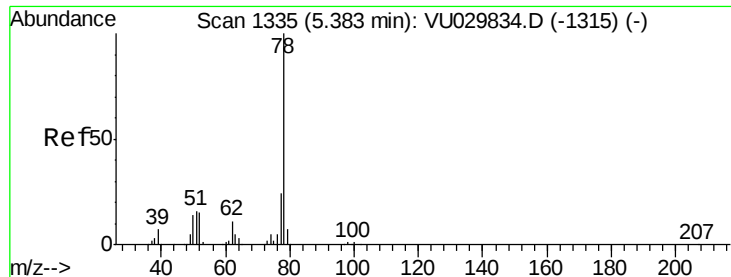
Tgt Ion: 73 Resp: 399434
 Ion Ratio Lower Upper
 73 100
 87 25.0 19.7 29.5
 71 11.4 9.4 14.2



#34
 Propionitrile
 Concen: 53.557 ug/l
 RT: 4.33 min Scan# 1007
 Delta R.T. -0.00 min
 Lab File: VU029851.D
 Acq: 07 Mar 2019 13:32

Tgt Ion: 54 Resp: 63501
 Ion Ratio Lower Upper
 54 100
 52 17.9 16.1 24.1
 55 16.4 11.2 16.8
 40 4.4 4.7 7.1#





#35

Benzene

Concen: 10.358 ug/l

RT: 5.38 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VU029851.D

Acq: 07 Mar 2019 13:32

Instrument :

MSVOA_U

ClientSampleId :

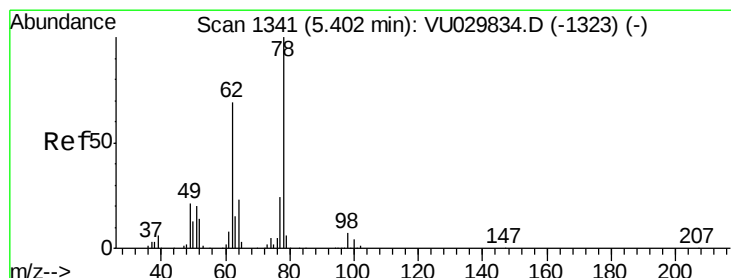
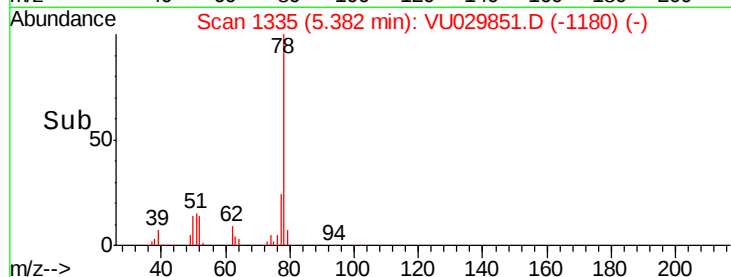
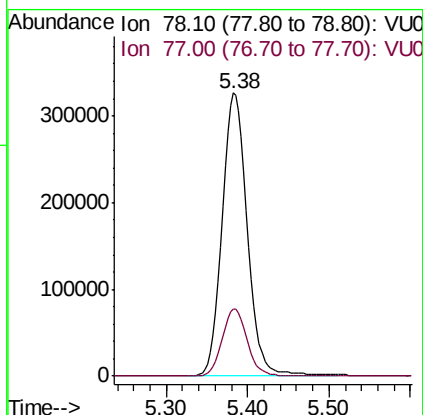
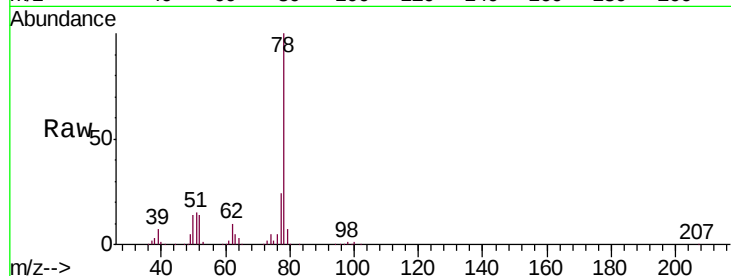
VSTDCCC010EC

Tgt Ion: 78 Resp: 714657

Ion Ratio Lower Upper

78 100

77 23.9 19.2 28.8



#36

1,2-Dichloroethane

Concen: 10.118 ug/l

RT: 5.40 min Scan# 1341

Delta R.T. -0.00 min

Lab File: VU029851.D

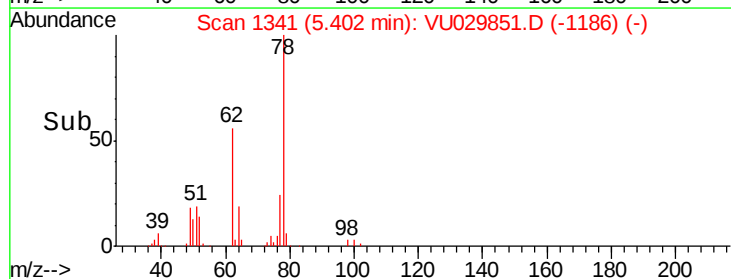
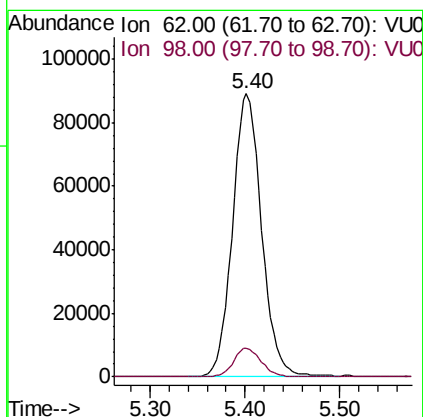
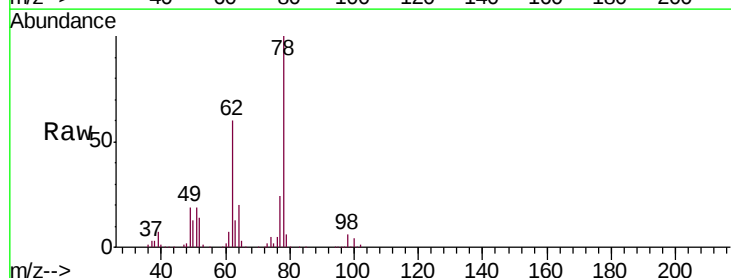
Acq: 07 Mar 2019 13:32

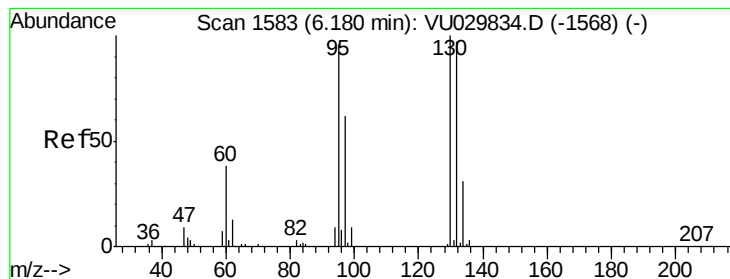
Tgt Ion: 62 Resp: 190670

Ion Ratio Lower Upper

62 100

98 9.8 8.2 12.2





#37

Trichloroethene

Concen: 10.190 ug/l

RT: 6.18 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VU029851.D

Acq: 07 Mar 2019 13:32

Instrument :

MSVOA_U

ClientSampleId :

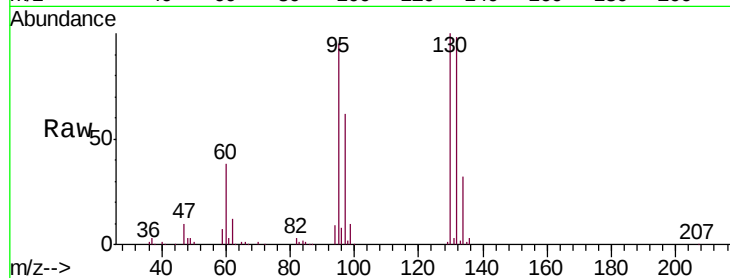
VSTDCCC010EC

Tgt Ion:130 Resp: 205261

Ion Ratio Lower Upper

130 100

95 95.1 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) (-)

6.18

100000

80000

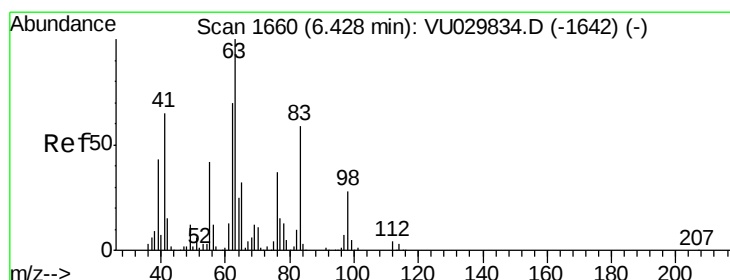
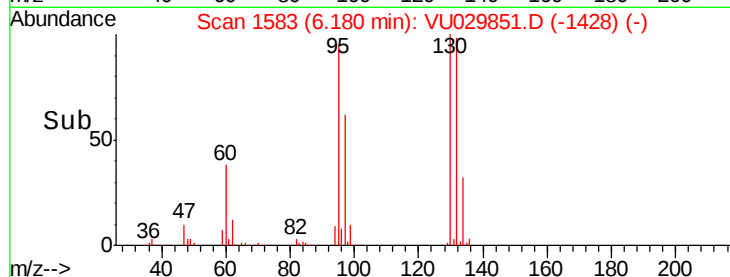
60000

40000

20000

0

Time-->



#38

1,2-Dichloropropane

Concen: 10.233 ug/l

RT: 6.43 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VU029851.D

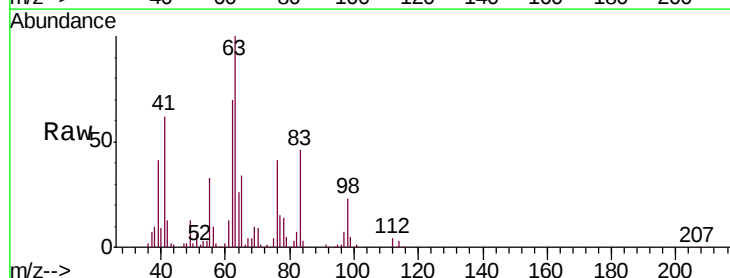
Acq: 07 Mar 2019 13:32

Tgt Ion: 63 Resp: 178705

Ion Ratio Lower Upper

63 100

65 33.9 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) (-)

6.43

100000

80000

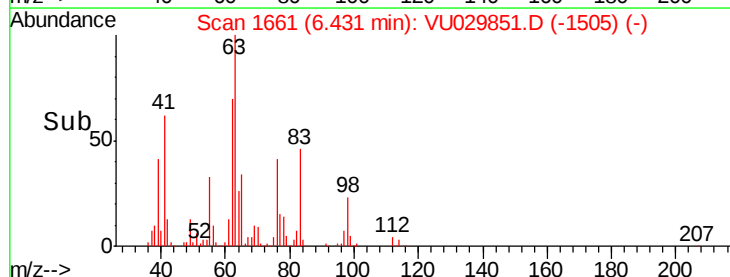
60000

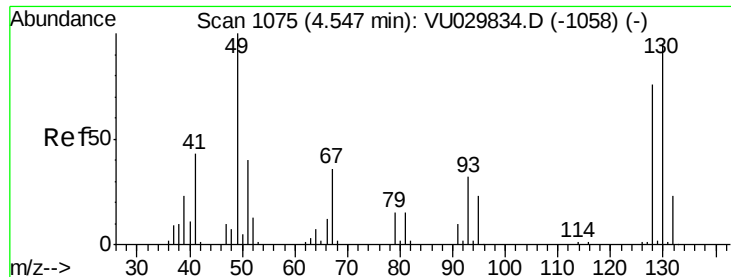
40000

20000

0

Time-->

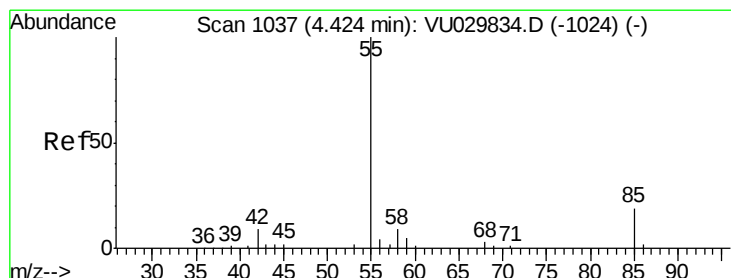
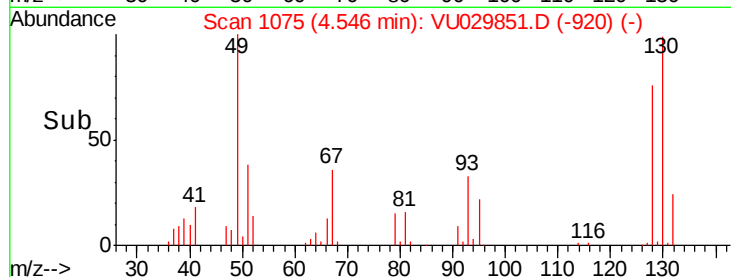
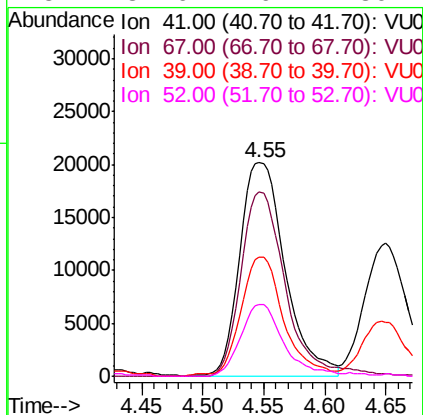
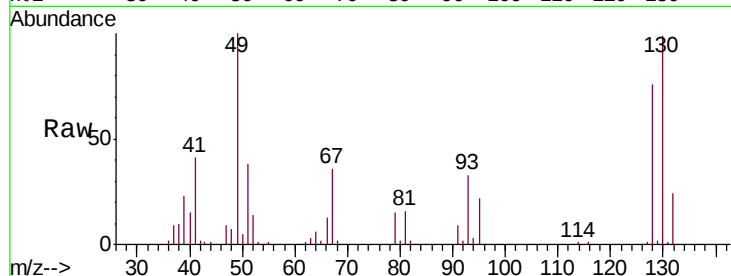




#39
Methacrylonitrile
Concen: 10.449 ug/l
RT: 4.55 min Scan# 1075
Delta R.T. -0.00 min
Lab File: VU029851.D
Acq: 07 Mar 2019 13:32

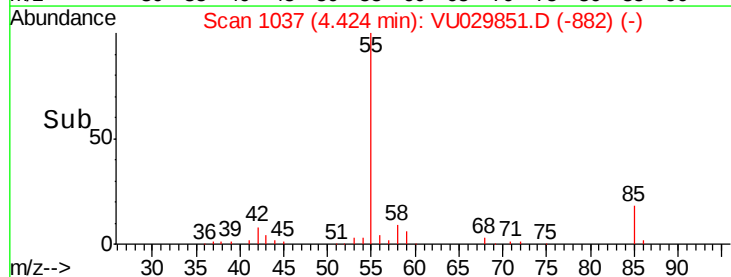
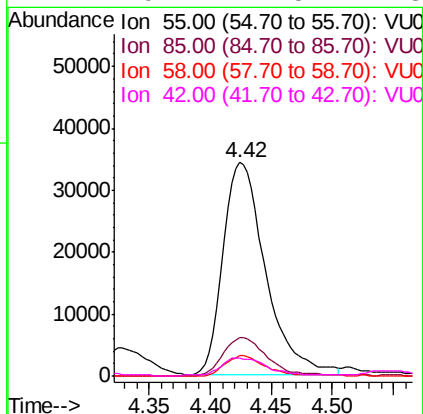
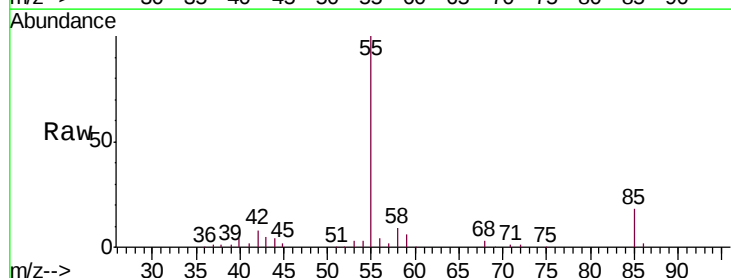
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

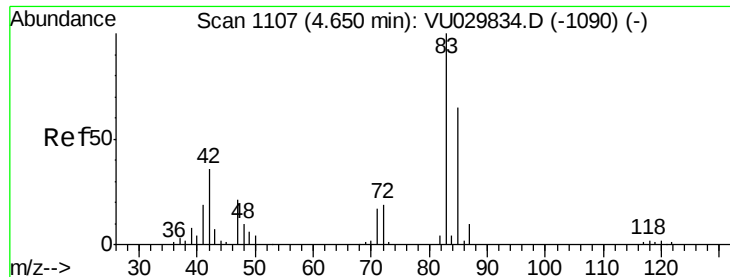
Tgt Ion:	41	Resp:	52115
Ion	Ratio	Lower	Upper
41	100		
67	84.8	68.4	102.6
39	49.9	42.6	63.8
52	31.6	26.2	39.4



#40
Methyl acrylate
Concen: 10.564 ug/l
RT: 4.42 min Scan# 1037
Delta R.T. -0.00 min
Lab File: VU029851.D
Acq: 07 Mar 2019 13:32

Tgt Ion:	55	Resp:	83281
Ion	Ratio	Lower	Upper
55	100		
85	18.7	15.2	22.8
58	8.9	7.6	11.4
42	9.4	7.5	11.3





#41

Tetrahydrofuran

Concen: 19.518 ug/l

RT: 4.65 min Scan# 1107

Delta R.T. -0.00 min

Lab File: VU029851.D

Acq: 07 Mar 2019 13:32

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

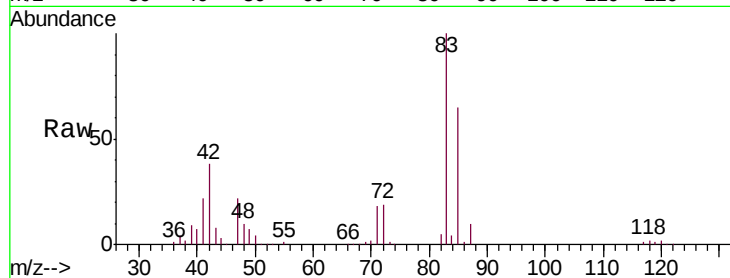
Tgt Ion: 42 Resp: 50916

Ion Ratio Lower Upper

42 100

72 54.7 43.6 65.4

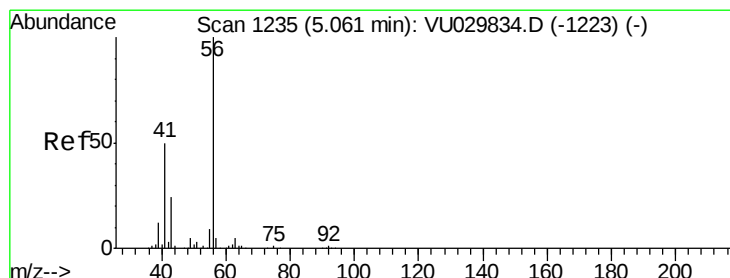
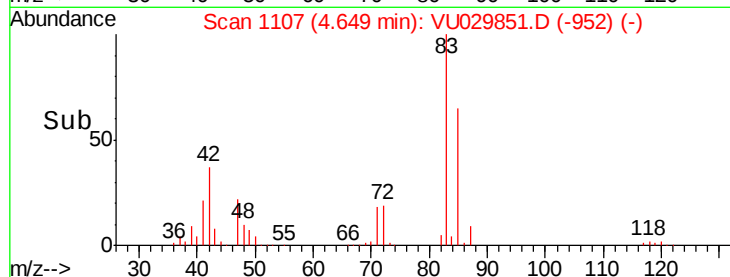
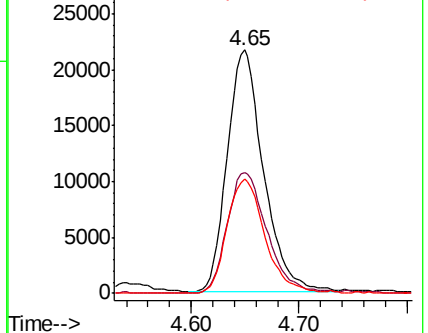
71 49.1 37.5 56.3



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: 10.647 ug/l

RT: 5.06 min Scan# 1234

Delta R.T. -0.00 min

Lab File: VU029851.D

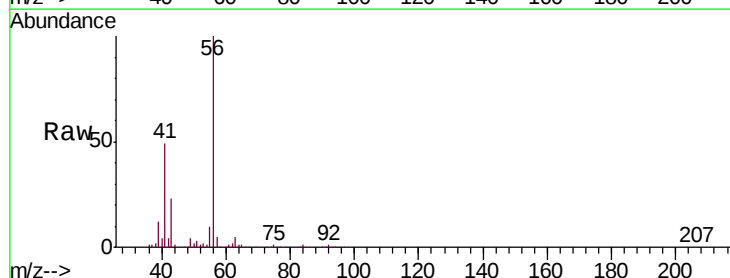
Acq: 07 Mar 2019 13:32

Tgt Ion: 56 Resp: 318575

Ion Ratio Lower Upper

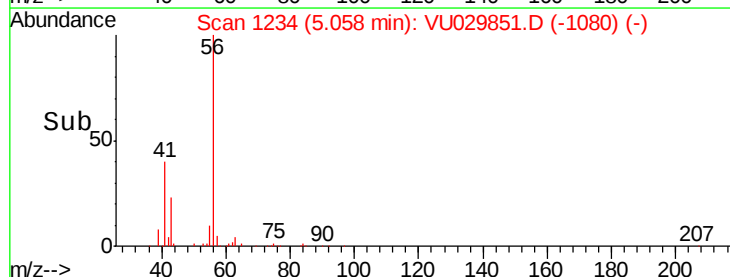
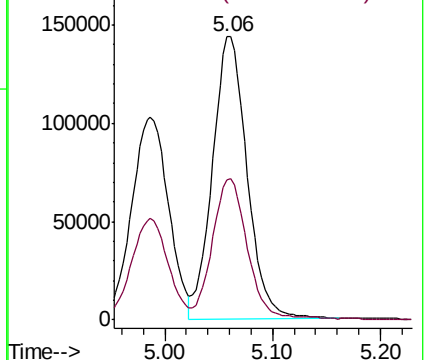
56 100

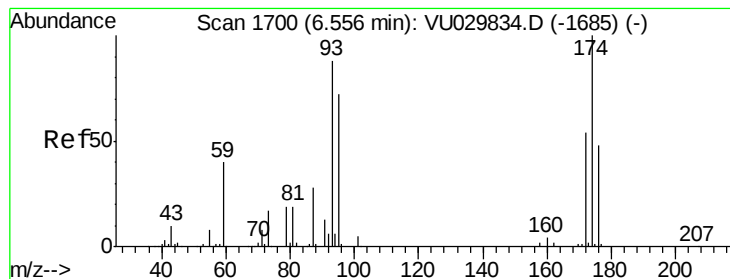
41 50.0 25.0 75.0



Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 41.00 (40.70 to 41.70): VU0





#43

Dibromomethane

Concen: 10.137 ug/l

RT: 6.56 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VU029851.D

Acq: 07 Mar 2019 13:32

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

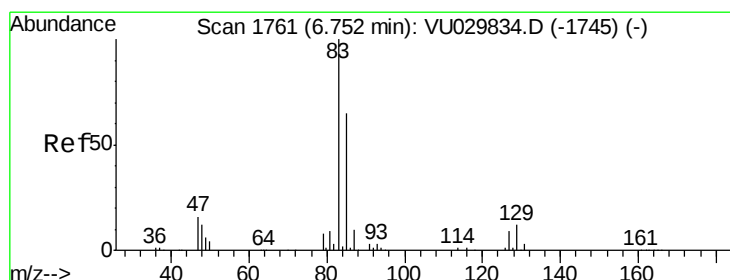
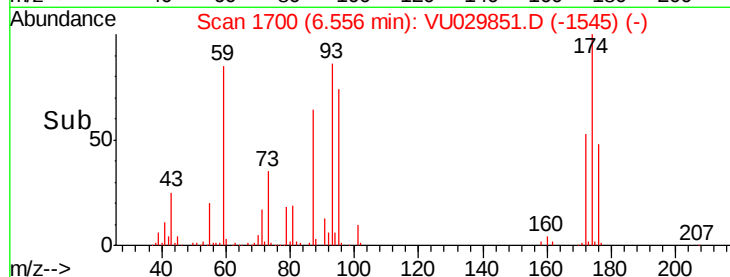
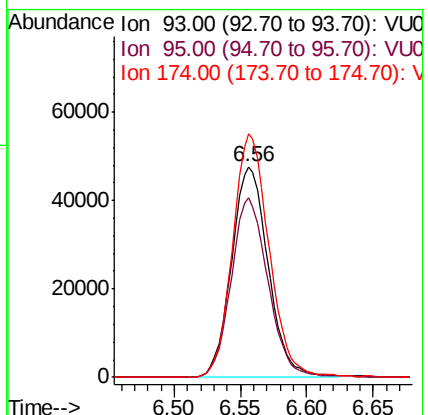
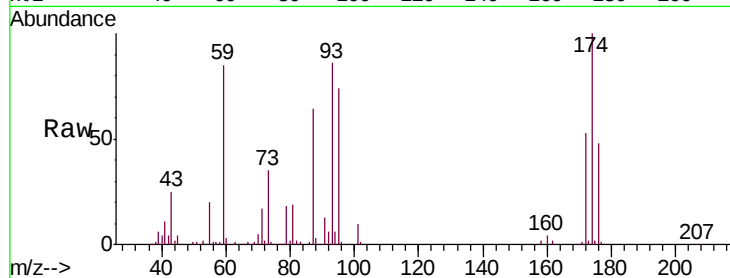
Tgt Ion: 93 Resp: 91754

Ion Ratio Lower Upper

93 100

95 85.7 67.0 100.6

174 114.7 91.4 137.2



#44

Bromodichloromethane

Concen: 10.301 ug/l

RT: 6.75 min Scan# 1761

Delta R.T. -0.00 min

Lab File: VU029851.D

Acq: 07 Mar 2019 13:32

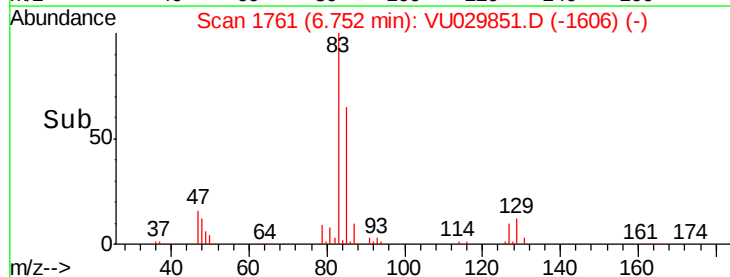
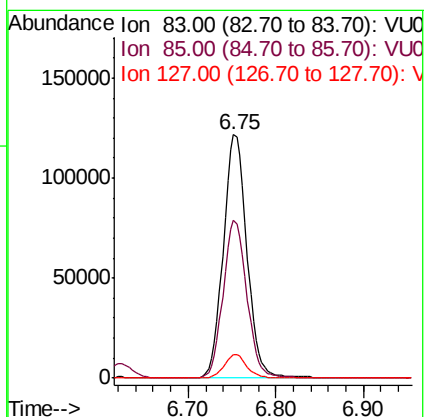
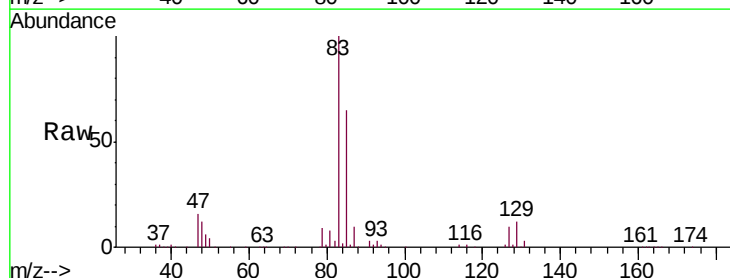
Tgt Ion: 83 Resp: 228988

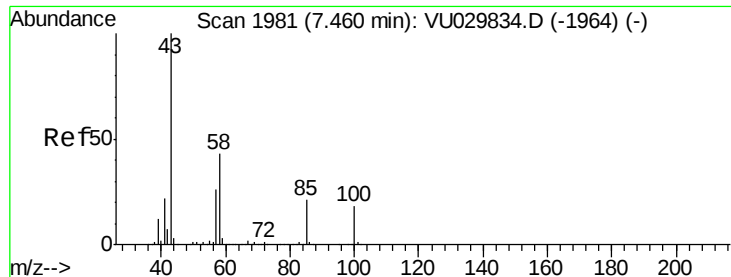
Ion Ratio Lower Upper

83 100

85 64.9 51.7 77.5

127 9.7 7.4 11.2

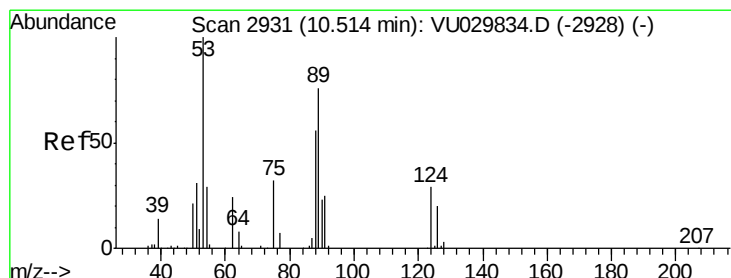
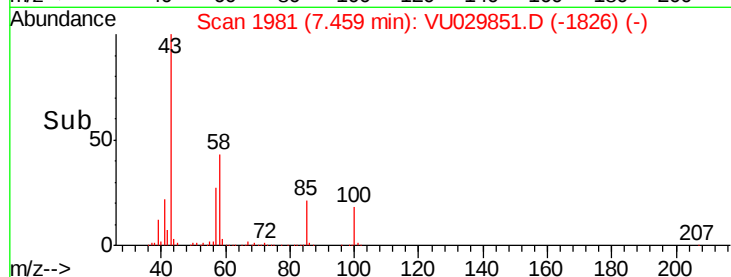
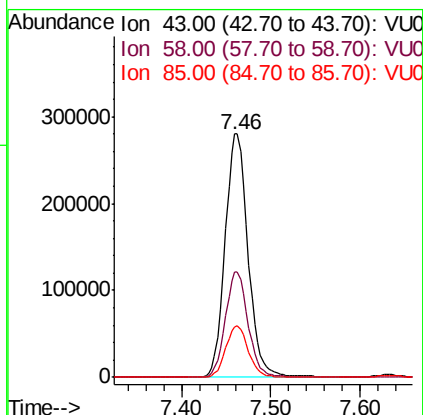
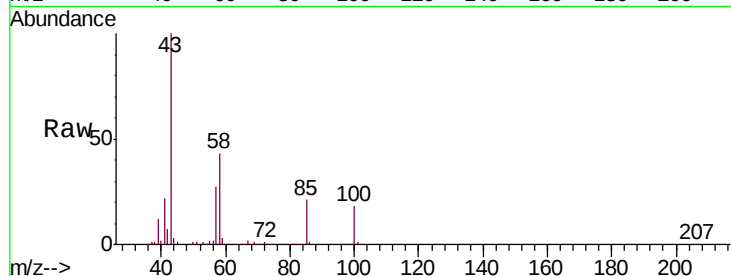




#45
 4-Methyl-2-Pentanone
 Concen: 52.934 ug/l
 RT: 7.46 min Scan# 1981
 Delta R.T. -0.00 min
 Lab File: VU029851.D
 Acq: 07 Mar 2019 13:32

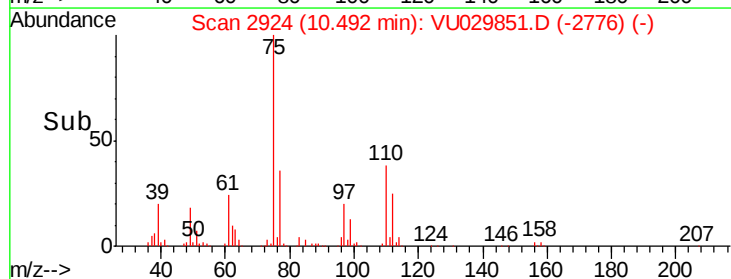
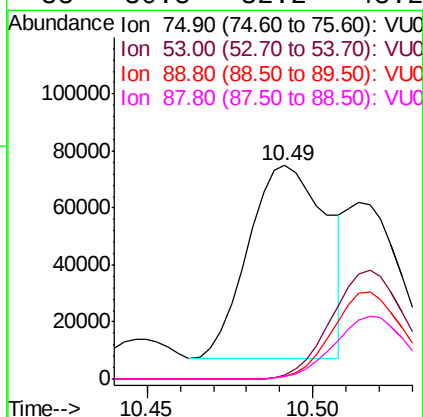
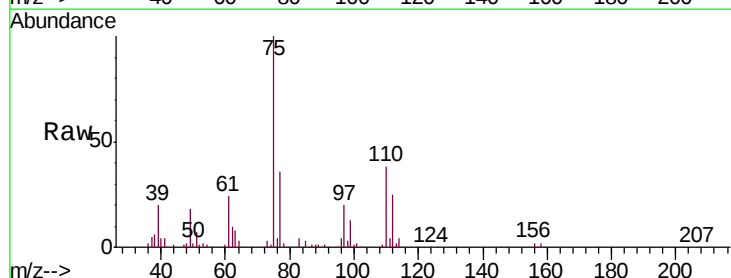
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

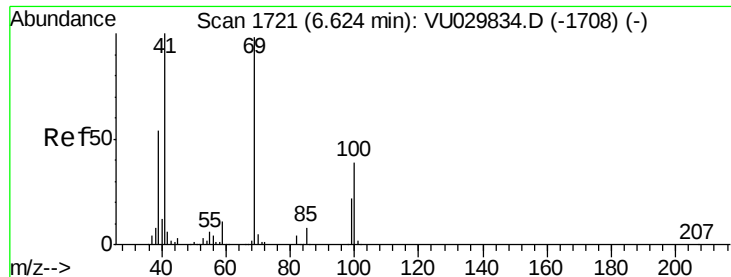
Tgt Ion: 43 Resp: 499697
 Ion Ratio Lower Upper
 43 100
 58 42.9 21.6 65.0
 85 20.9 16.5 24.7



#46
 t-1,4-Dichloro-2-butene
 Concen: 28.300 ug/l
 RT: 10.49 min Scan# 2924
 Delta R.T. -0.02 min
 Lab File: VU029851.D
 Acq: 07 Mar 2019 13:32

Tgt Ion: 75 Resp: 111688
 Ion Ratio Lower Upper
 75 100
 53 53.8 59.2 88.8#
 89 41.7 44.9 67.3#
 88 30.8 32.2 48.2#

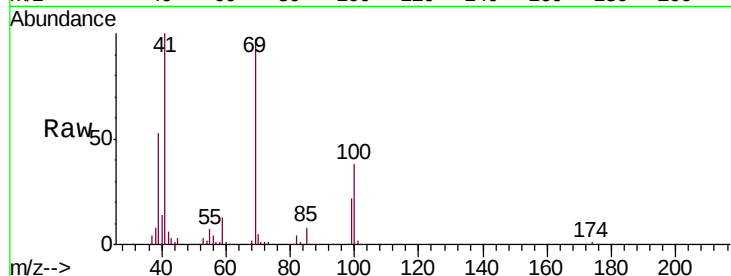




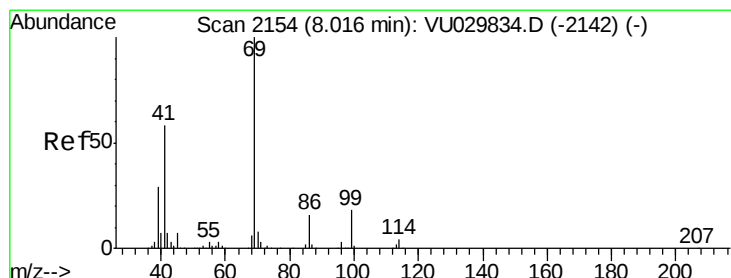
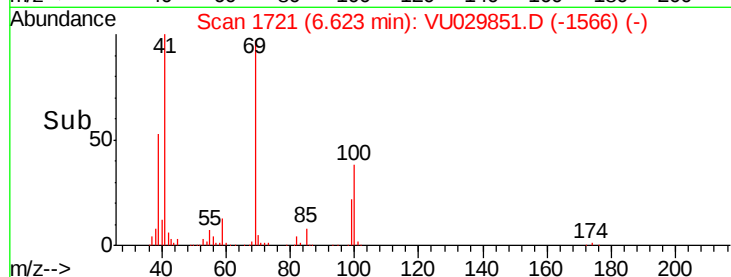
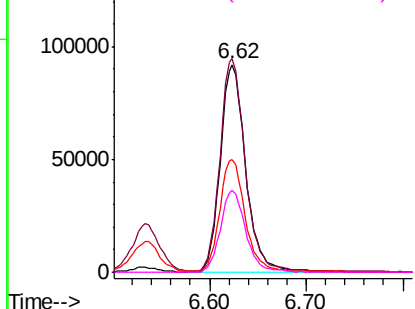
#47
Methyl methacrylate
Concen: 21.656 ug/l
RT: 6.62 min Scan# 1721
Delta R.T. -0.00 min
Lab File: VU029851.D
Acq: 07 Mar 2019 13:32

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 69 Resp: 168203
Ion Ratio Lower Upper
69 100
41 100.7 0.0 201.0
39 53.6 43.3 64.9
100 38.9 31.5 47.3

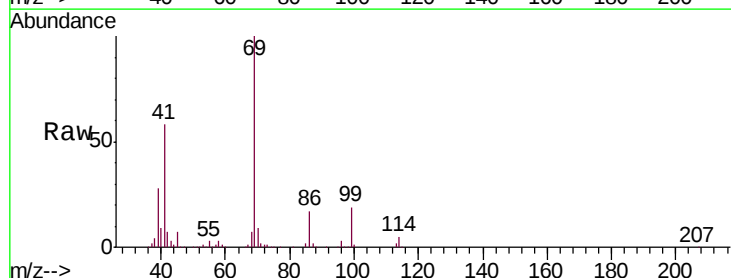


Abundance Ion 69.00 (68.70 to 69.70): VU0
Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 100.00 (99.70 to 100.70): VU0

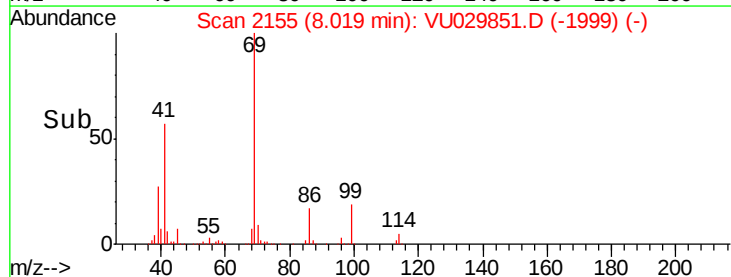
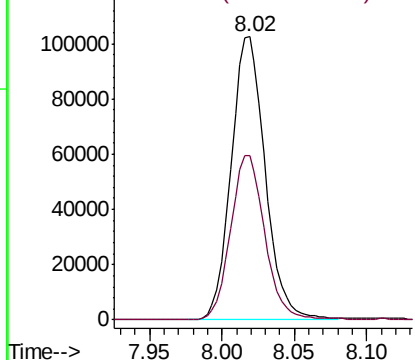


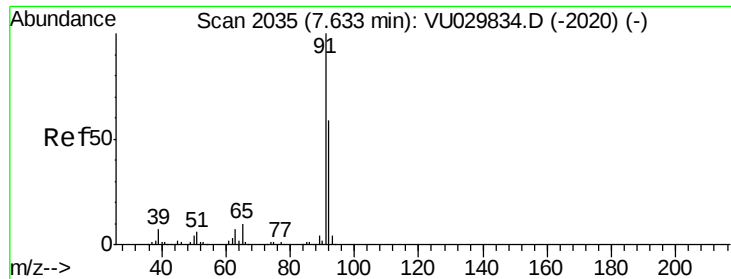
#48
Ethyl methacrylate
Concen: 11.236 ug/l
RT: 8.02 min Scan# 2155
Delta R.T. 0.00 min
Lab File: VU029851.D
Acq: 07 Mar 2019 13:32

Tgt Ion: 69 Resp: 167213
Ion Ratio Lower Upper
69 100
41 58.4 29.0 87.1



Abundance Ion 69.00 (68.70 to 69.70): VU0
Ion 41.00 (40.70 to 41.70): VU0





#49

Toluene

Concen: 10.784 ug/l

RT: 7.63 min Scan# 2035

Delta R.T. -0.00 min

Lab File: VU029851.D

Acq: 07 Mar 2019 13:32

Instrument :

MSVOA_U

ClientSampleId :

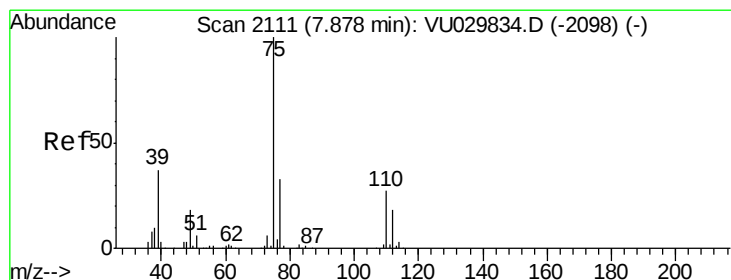
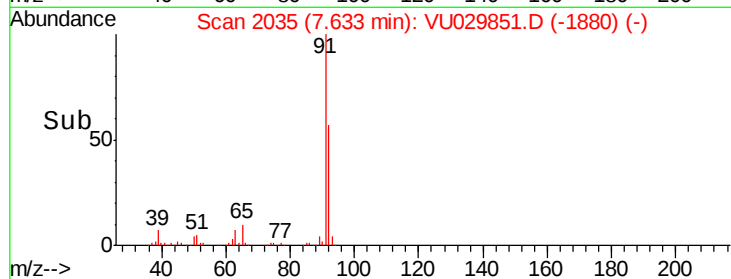
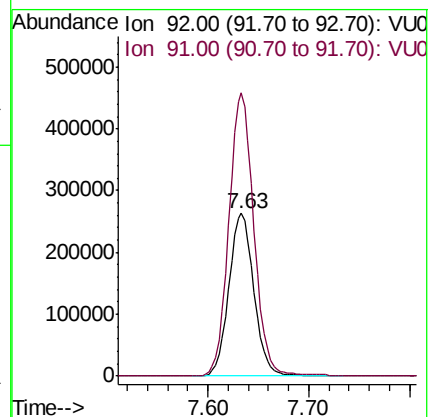
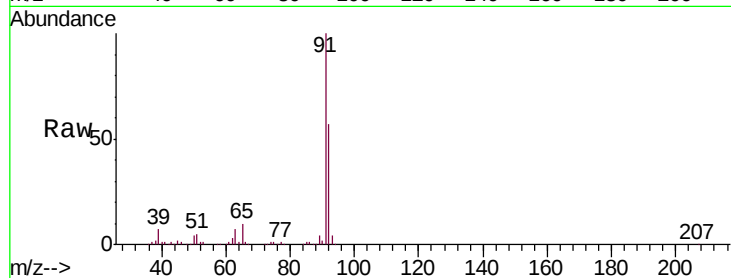
VSTDCCC010EC

Tgt Ion: 92 Resp: 456945

Ion Ratio Lower Upper

92 100

91 173.6 137.8 206.8



#50

t-1,3-Dichloropropene

Concen: 10.546 ug/l

RT: 7.88 min Scan# 2111

Delta R.T. -0.00 min

Lab File: VU029851.D

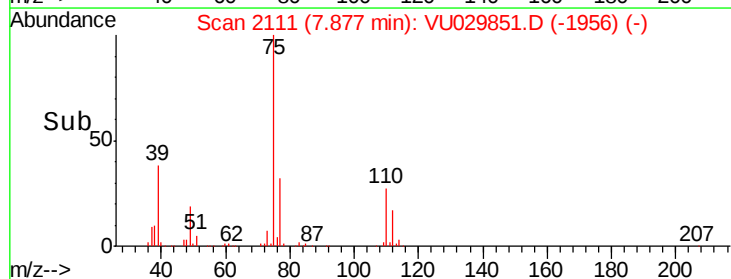
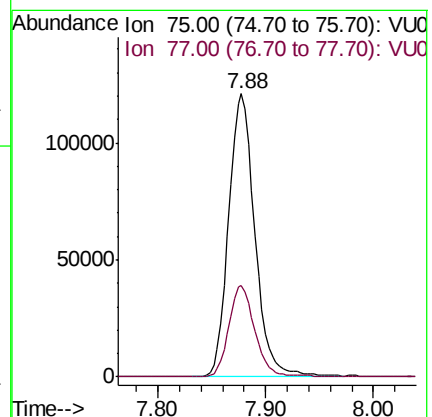
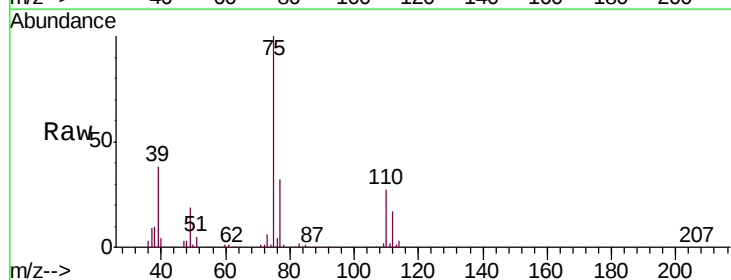
Acq: 07 Mar 2019 13:32

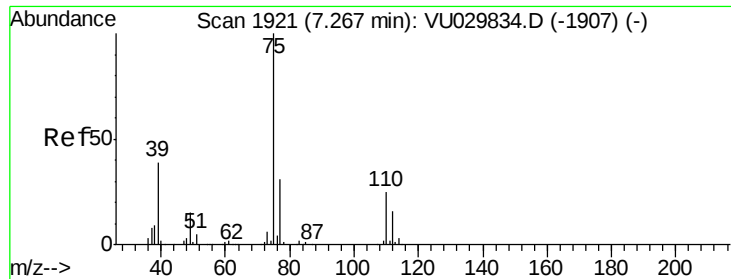
Tgt Ion: 75 Resp: 205445

Ion Ratio Lower Upper

75 100

77 32.4 26.4 39.6



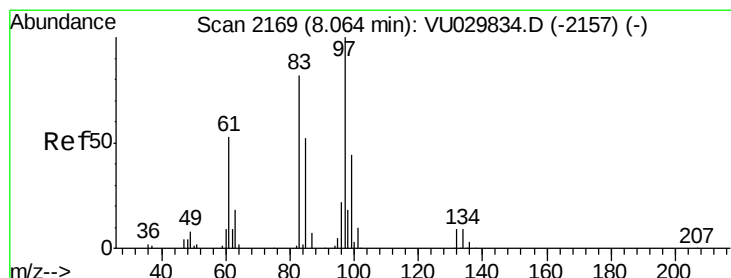
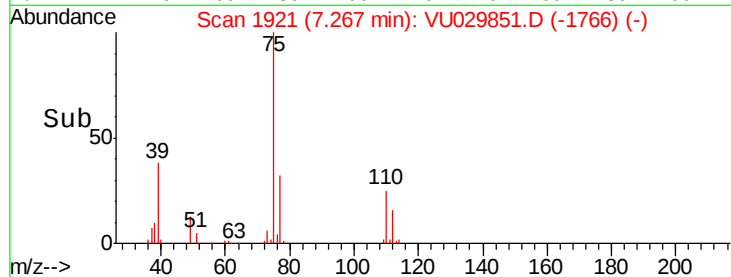
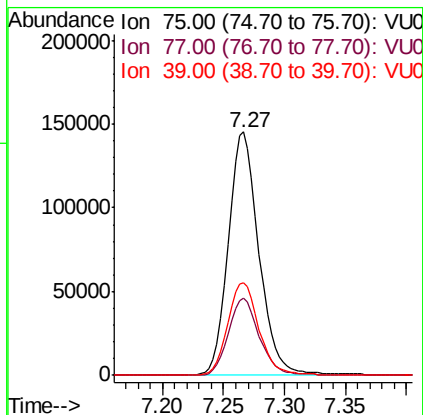
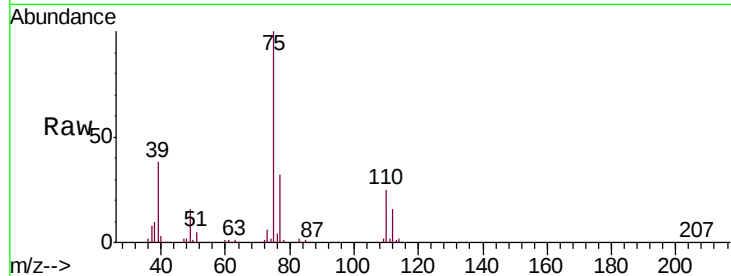


#51

cis-1,3-Dichloropropene
Concen: 10.571 ug/l
RT: 7.27 min Scan# 1921
Delta R.T. -0.00 min
Lab File: VU029851.D
Acq: 07 Mar 2019 13:32

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

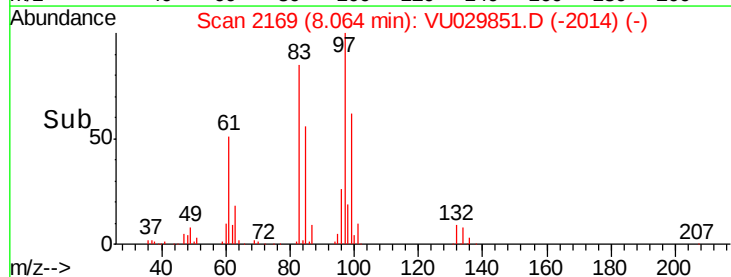
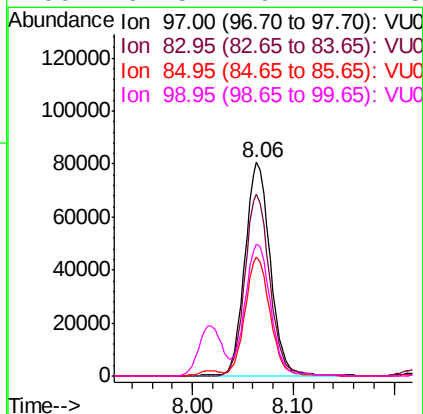
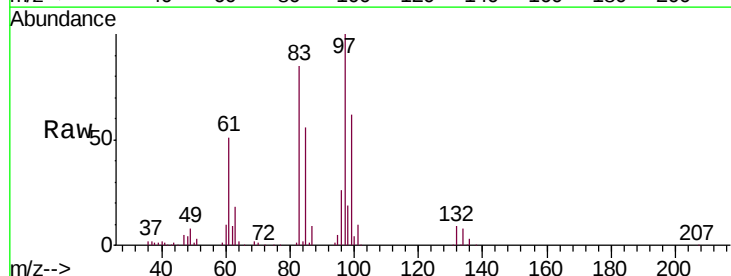
Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.8	24.9	37.3
39	38.2	30.8	46.2

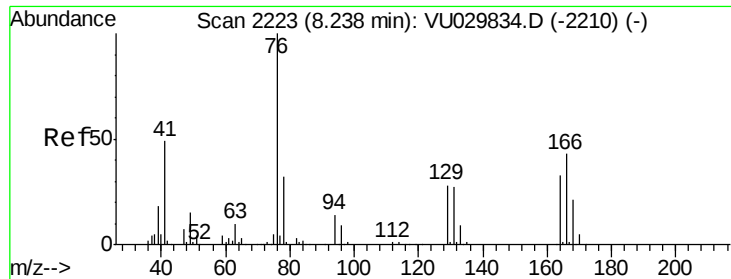


#52

1,1,2-Trichloroethane
Concen: 10.454 ug/l
RT: 8.06 min Scan# 2169
Delta R.T. -0.00 min
Lab File: VU029851.D
Acq: 07 Mar 2019 13:32

Tgt Ion	Ratio	Lower	Upper
97	100		
83	84.9	65.9	98.9
85	55.6	43.0	64.6
99	61.5	49.7	74.5

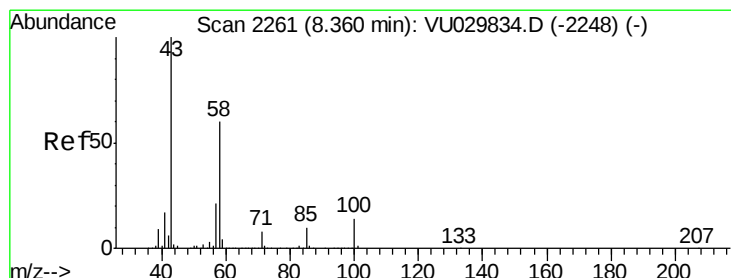
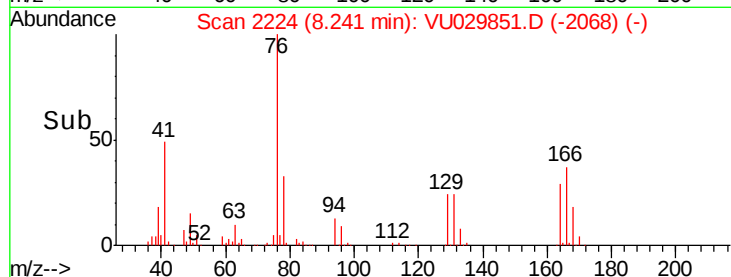
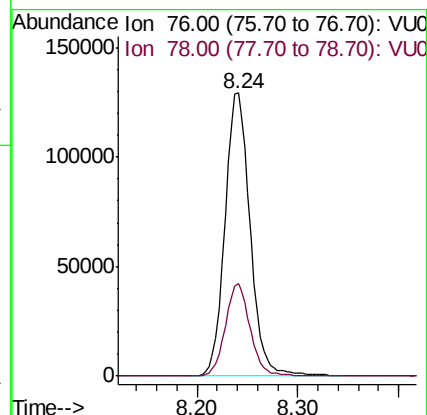
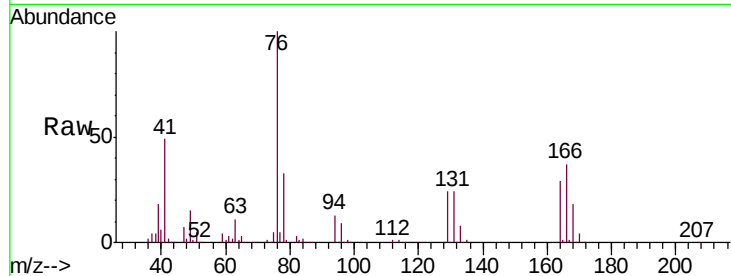




#53
 1,3-Dichloropropane
 Concen: 10.269 ug/l
 RT: 8.24 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VU029851.D
 Acq: 07 Mar 2019 13:32

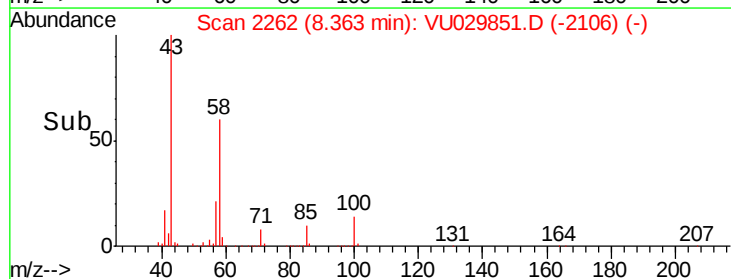
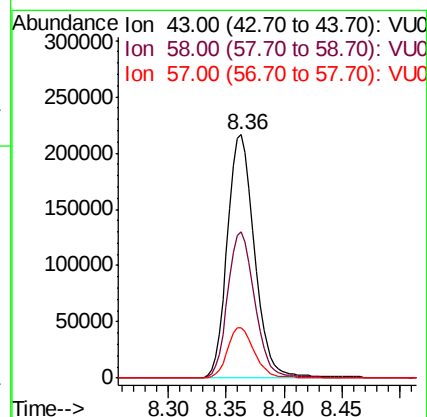
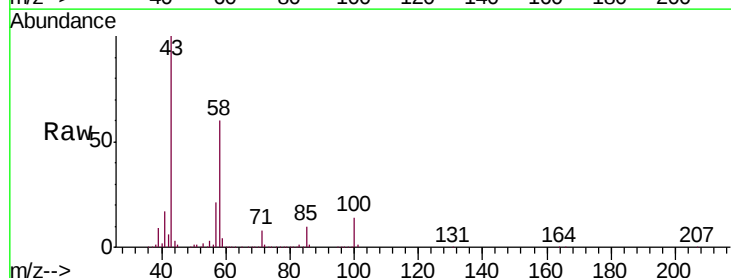
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

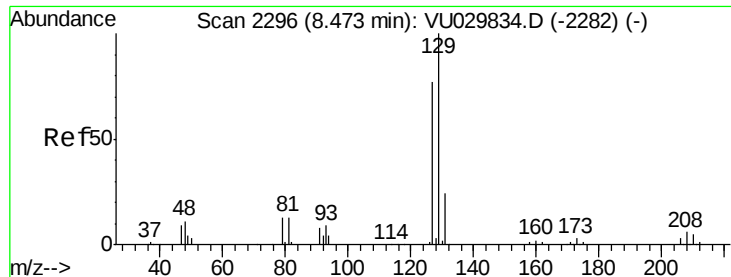
Tgt Ion: 76 Resp: 225666
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.7 38.5



#54
 2-Hexanone
 Concen: 53.640 ug/l
 RT: 8.36 min Scan# 2262
 Delta R.T. 0.00 min
 Lab File: VU029851.D
 Acq: 07 Mar 2019 13:32

Tgt Ion: 43 Resp: 351674
 Ion Ratio Lower Upper
 43 100
 58 60.2 39.6 79.6
 57 20.5 0.5 40.5





#55

Dibromochloromethane

Concen: 10.546 ug/l

RT: 8.47 min Scan# 2296

Delta R.T. -0.00 min

Lab File: VU029851.D

Acq: 07 Mar 2019 13:32

Instrument :

MSVOA_U

ClientSampleId :

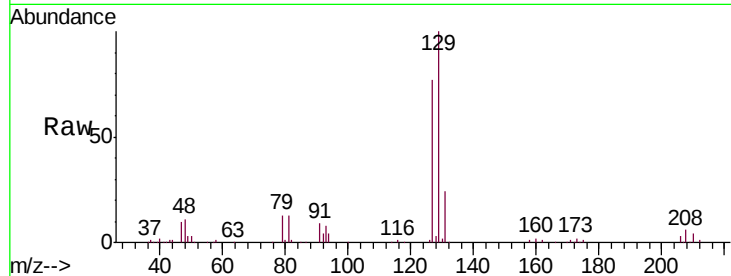
VSTDCCC010EC

Tgt Ion:129 Resp: 167686

Ion Ratio Lower Upper

129 100

127 76.9 61.6 92.4



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

8.47

100000

80000

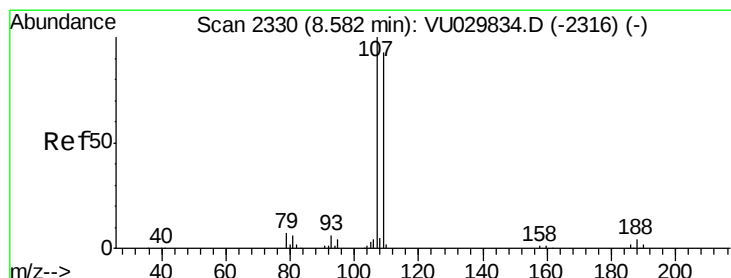
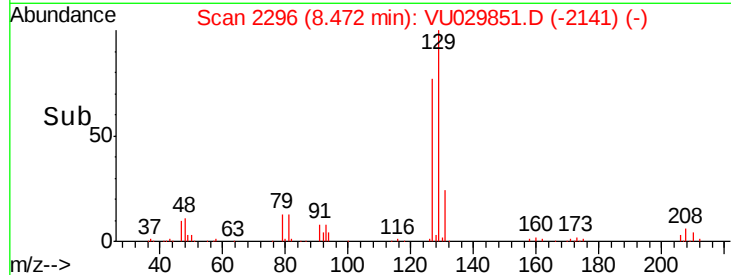
60000

40000

20000

0

Time-->



#56

1,2-Dibromoethane

Concen: 10.081 ug/l

RT: 8.58 min Scan# 2331

Delta R.T. 0.00 min

Lab File: VU029851.D

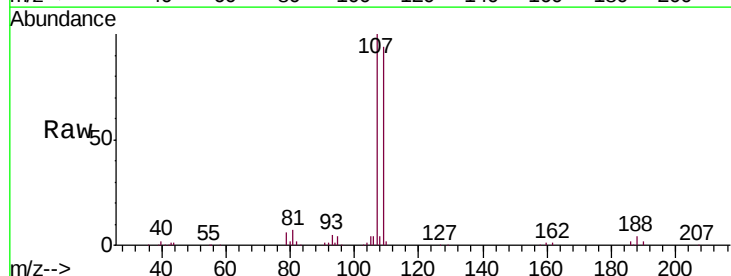
Acq: 07 Mar 2019 13:32

Tgt Ion:107 Resp: 128063

Ion Ratio Lower Upper

107 100

109 95.5 0.0 188.4



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

8.58

80000

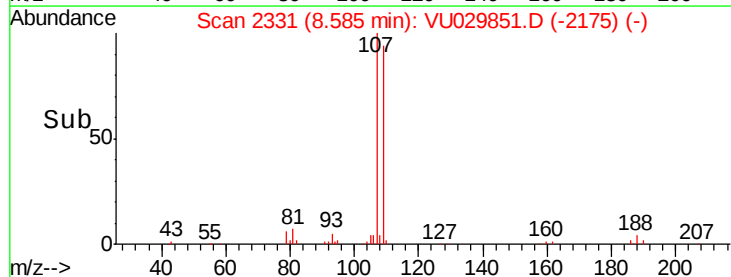
60000

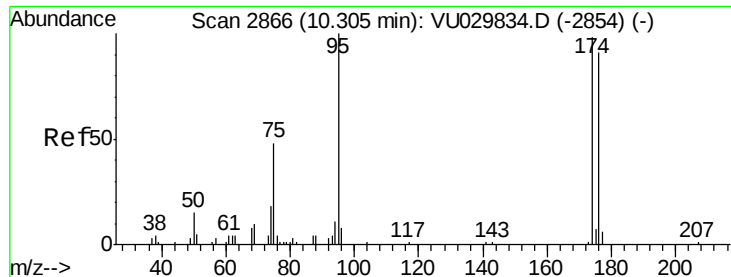
40000

20000

0

Time-->

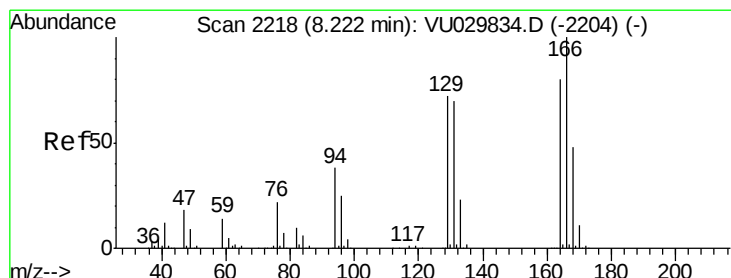
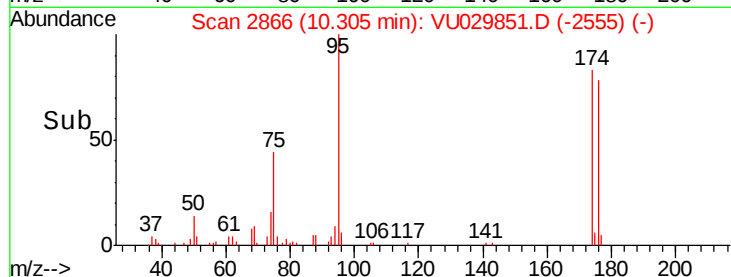
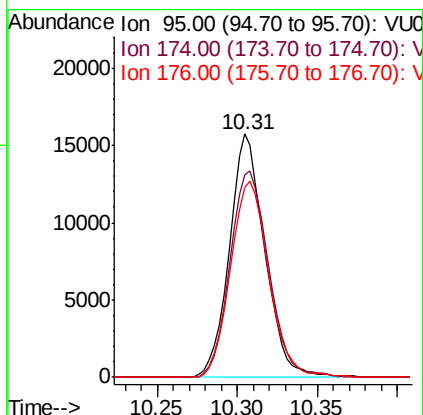
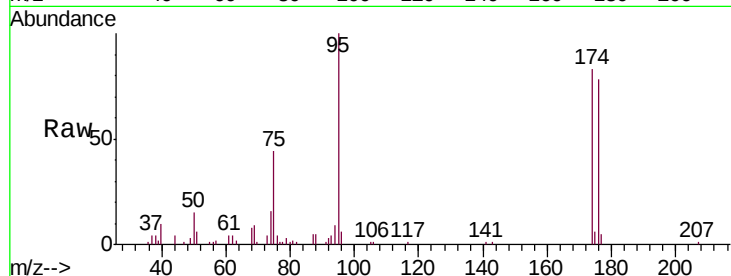




#57
4-Bromofluorobenzene
Concen: 10.081 ug/l
RT: 10.31 min Scan# 2866
Delta R.T. -0.00 min
Lab File: VU029851.D
Acq: 07 Mar 2019 13:32

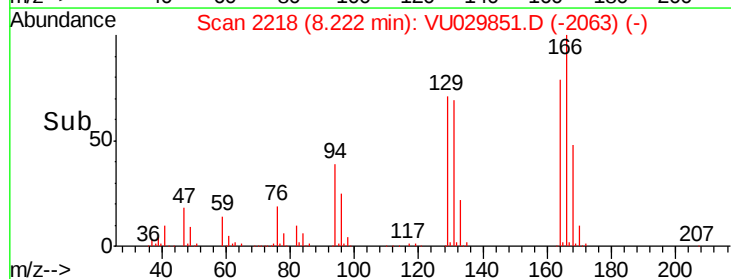
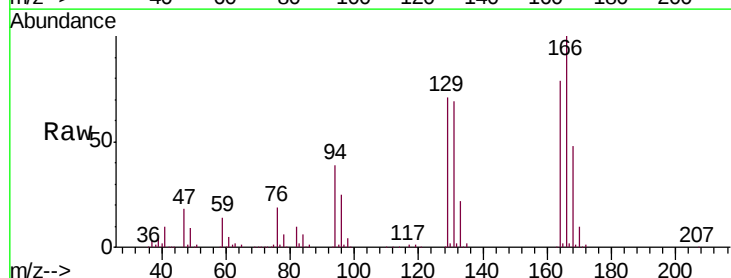
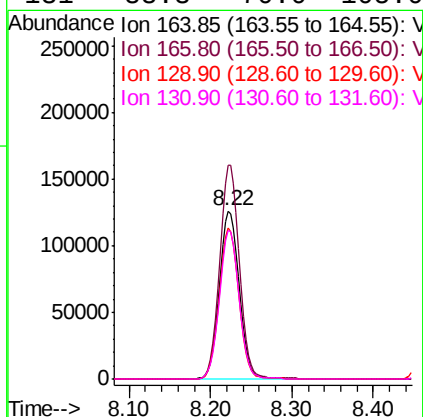
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

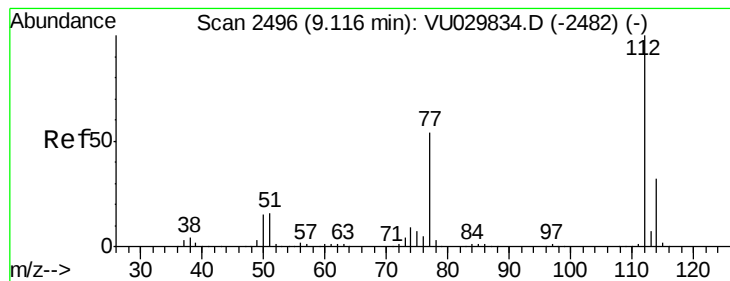
Tgt Ion: 95 Resp: 23674
Ion Ratio Lower Upper
95 100
174 92.6 76.5 114.7
176 87.3 74.2 111.2



#58
Tetrachloroethene
Concen: 10.628 ug/l
RT: 8.22 min Scan# 2218
Delta R.T. -0.00 min
Lab File: VU029851.D
Acq: 07 Mar 2019 13:32

Tgt Ion: 164 Resp: 218674
Ion Ratio Lower Upper
164 100
166 127.1 100.5 150.7
129 89.8 72.3 108.5
131 88.3 70.0 105.0





#59

Chlorobenzene

Concen: 10.538 ug/l

RT: 9.12 min Scan# 2496

Delta R.T. -0.00 min

Lab File: VU029851.D

Acq: 07 Mar 2019 13:32

Instrument :

MSVOA_U

ClientSampleId :

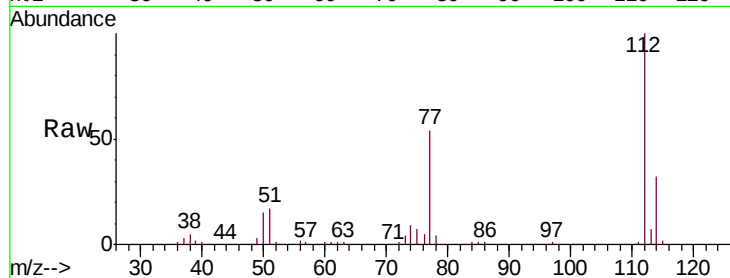
VSTDCCC010EC

Tgt Ion:112 Resp: 513133

Ion Ratio Lower Upper

112 100

114 32.5 25.4 38.2



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

9.12

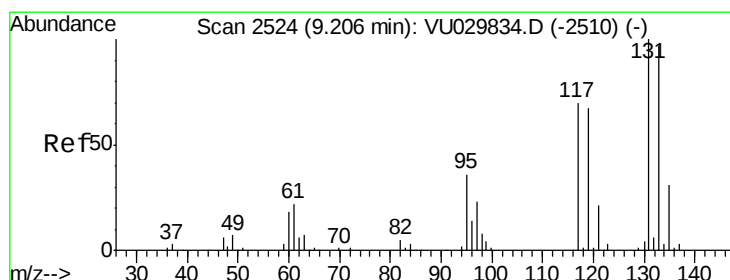
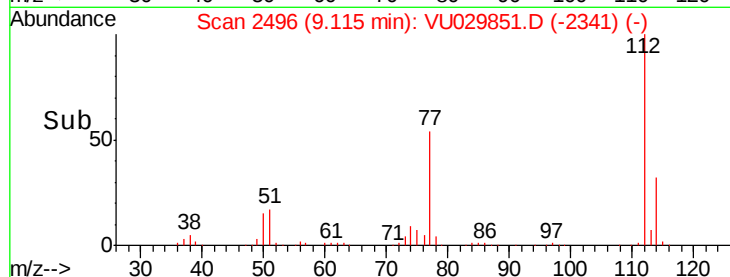
300000

200000

100000

0

Time-->



#60

1,1,1,2-Tetrachloroethane

Concen: 10.485 ug/l

RT: 9.21 min Scan# 2524

Delta R.T. -0.00 min

Lab File: VU029851.D

Acq: 07 Mar 2019 13:32

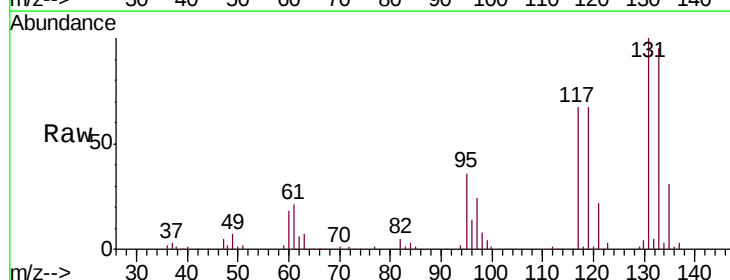
Tgt Ion:131 Resp: 183157

Ion Ratio Lower Upper

131 100

133 95.2 76.4 114.6

119 67.6 54.2 81.4



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V

9.21

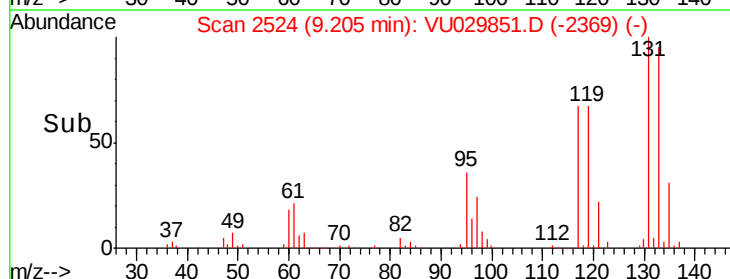
150000

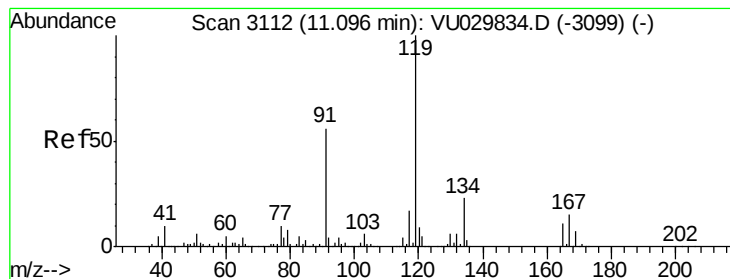
100000

50000

0

Time-->





#61

Pentachloroethane

Concen: 10.227 ug/l

RT: 11.10 min Scan# 3113

Delta R.T. 0.00 min

Lab File: VU029851.D

Acq: 07 Mar 2019 13:32

Instrument :

MSVOA_U

ClientSampleId :

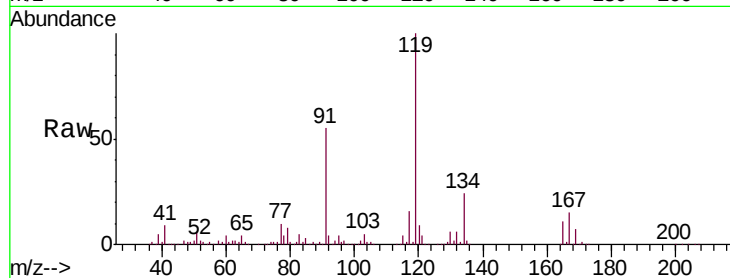
VSTDCCC010EC

Tgt Ion:117 Resp: 124374

Ion Ratio Lower Upper

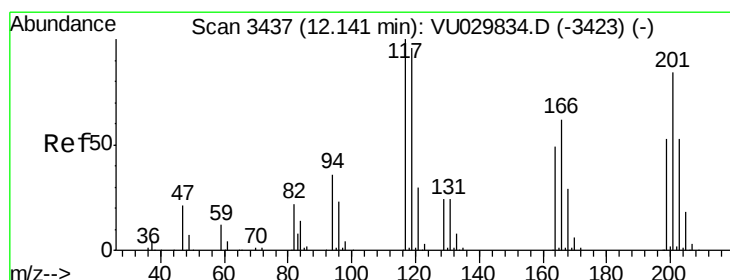
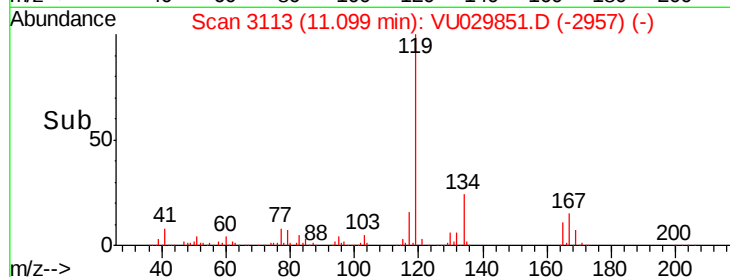
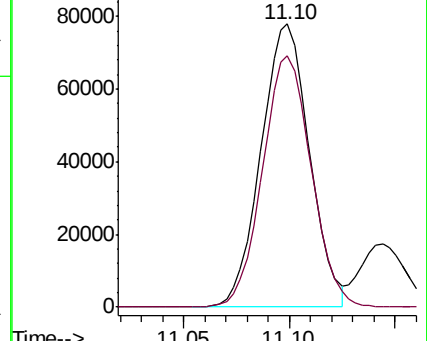
117 100

167 89.4 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: 10.630 ug/l

RT: 12.14 min Scan# 3438

Delta R.T. 0.00 min

Lab File: VU029851.D

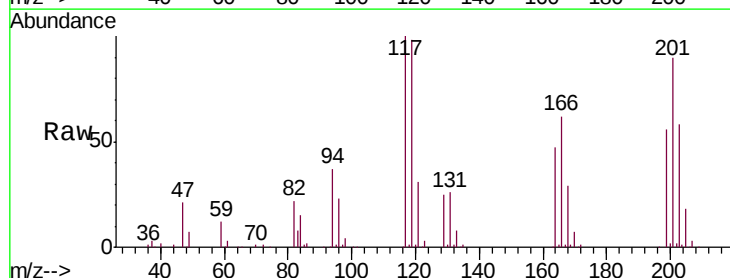
Acq: 07 Mar 2019 13:32

Tgt Ion:117 Resp: 136002

Ion Ratio Lower Upper

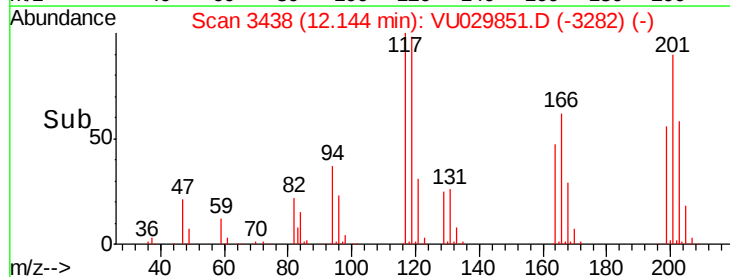
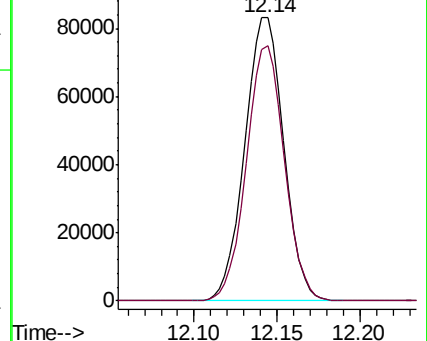
117 100

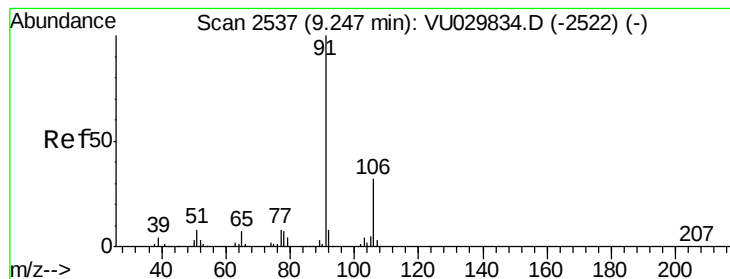
201 88.2 68.2 102.2



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.60 (200.30 to 201.30): V





#63

Ethyl Benzene

Concen: 11.001 ug/l

RT: 9.25 min Scan# 2537

Delta R.T. -0.00 min

Lab File: VU029851.D

Acq: 07 Mar 2019 13:32

Instrument :

MSVOA_U

ClientSampleId :

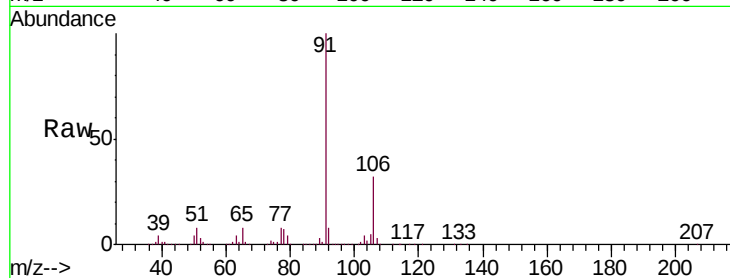
VSTDCCC010EC

Tgt Ion: 91 Resp: 877517

Ion Ratio Lower Upper

91 100

106 32.0 25.7 38.5



Abundance Ion 91.00 (90.70 to 91.70): VU029834.D (-2522) (-)

Ion 106.00 (105.70 to 106.70): VU029834.D (-2522) (-)

1000000

800000

600000

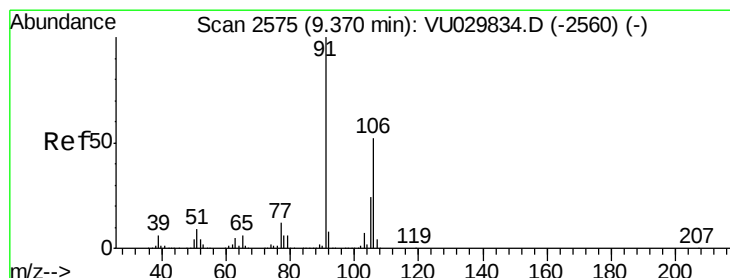
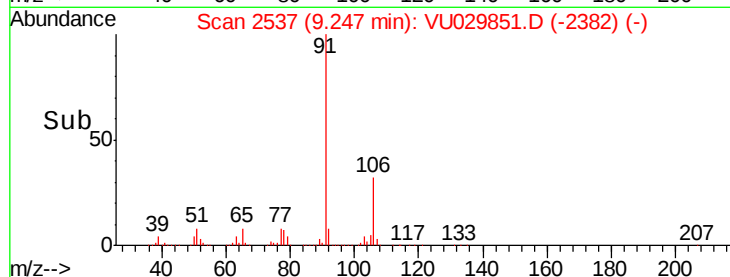
400000

200000

0

9.15 9.20 9.25 9.30 9.35

Time-->



#64

m/p-Xylenes

Concen: 22.206 ug/l

RT: 9.37 min Scan# 2576

Delta R.T. 0.00 min

Lab File: VU029851.D

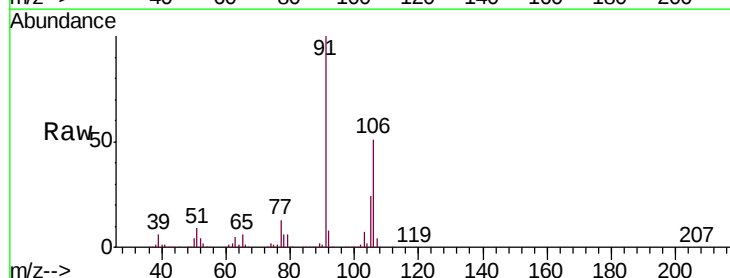
Acq: 07 Mar 2019 13:32

Tgt Ion: 106 Resp: 700238

Ion Ratio Lower Upper

106 100

91 196.2 155.3 232.9



Abundance Ion 106.00 (105.70 to 106.70): VU029834.D (-2560) (-)

Ion 91.00 (90.70 to 91.70): VU029834.D (-2560) (-)

1000000

800000

600000

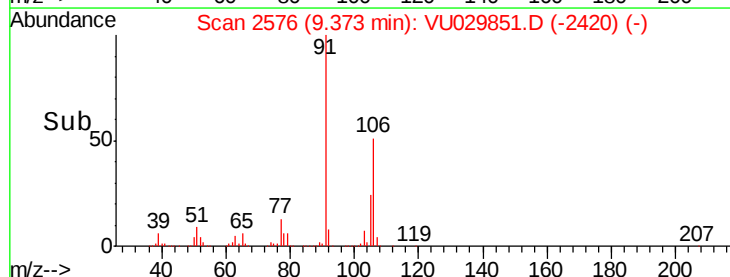
400000

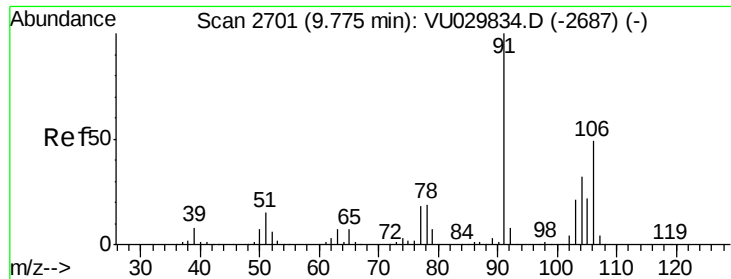
200000

0

9.30 9.35 9.40 9.45

Time-->

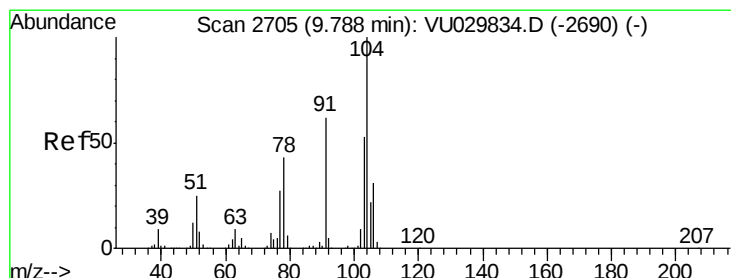
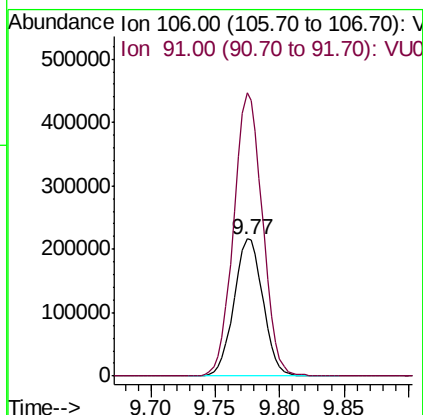
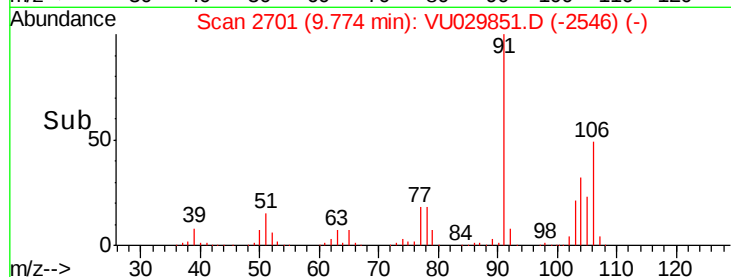
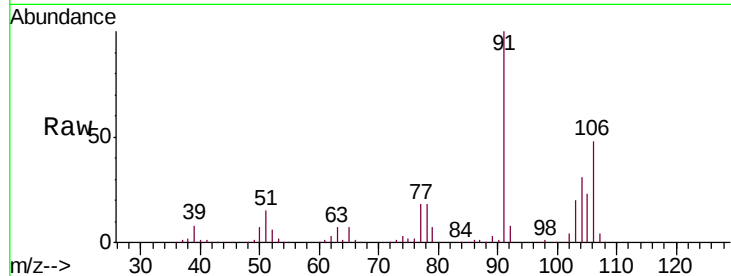




#65
o-Xylene
Concen: 11.143 ug/l
RT: 9.77 min Scan# 2701
Delta R.T. -0.00 min
Lab File: VU029851.D
Acq: 07 Mar 2019 13:32

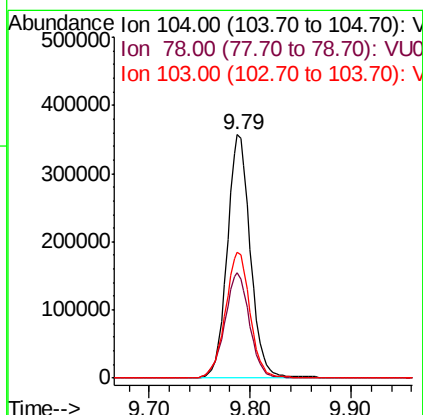
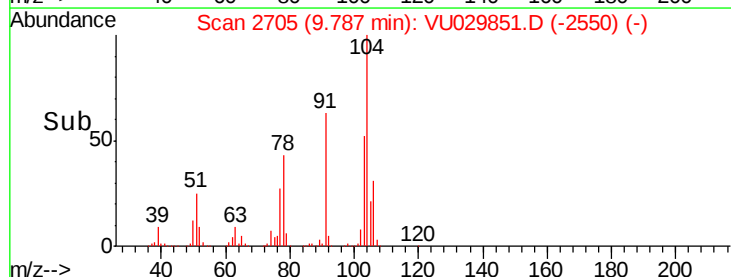
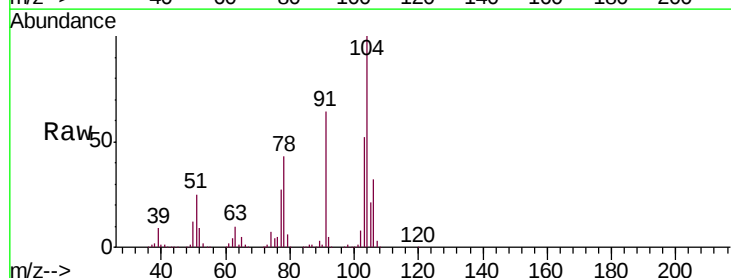
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

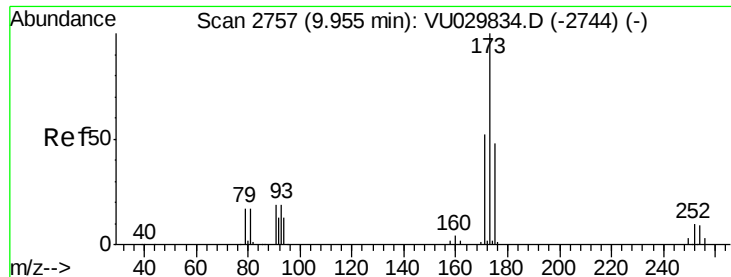
Tgt Ion:106 Resp: 337476
Ion Ratio Lower Upper
106 100
91 205.9 102.8 308.3



#66
Styrene
Concen: 11.374 ug/l
RT: 9.79 min Scan# 2705
Delta R.T. -0.00 min
Lab File: VU029851.D
Acq: 07 Mar 2019 13:32

Tgt Ion:104 Resp: 572296
Ion Ratio Lower Upper
104 100
78 46.2 37.2 55.8
103 55.2 44.7 67.1





#67

Bromoform

Concen: 10.733 ug/l

RT: 9.95 min Scan# 2757

Delta R.T. -0.00 min

Lab File: VU029851.D

Acq: 07 Mar 2019 13:32

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

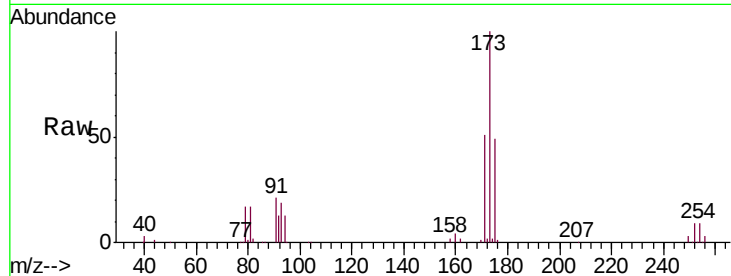
Tgt Ion:173 Resp: 100236

Ion Ratio Lower Upper

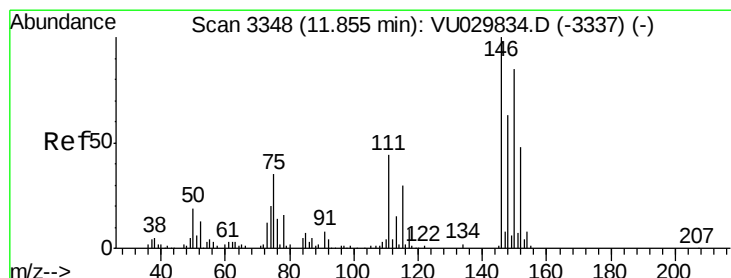
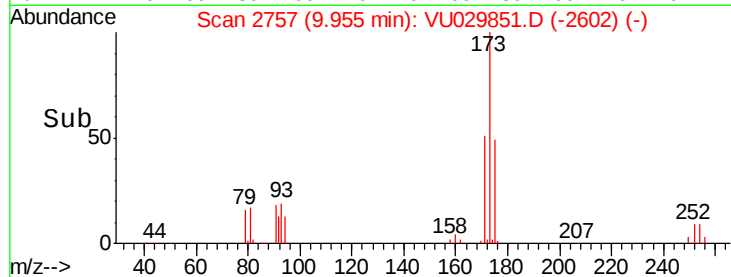
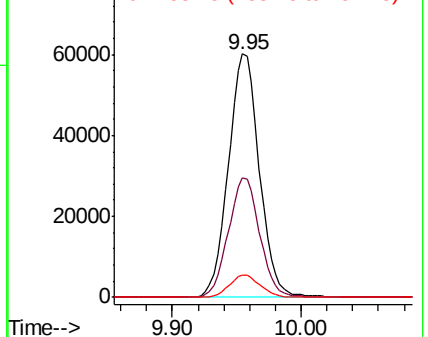
173 100

175 49.5 38.6 57.8

254 9.0 7.4 11.2



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



#68

1,2-Dichlorobenzene-d4

Concen: 10.733 ug/l

RT: 11.86 min Scan# 3349

Delta R.T. 0.00 min

Lab File: VU029851.D

Acq: 07 Mar 2019 13:32

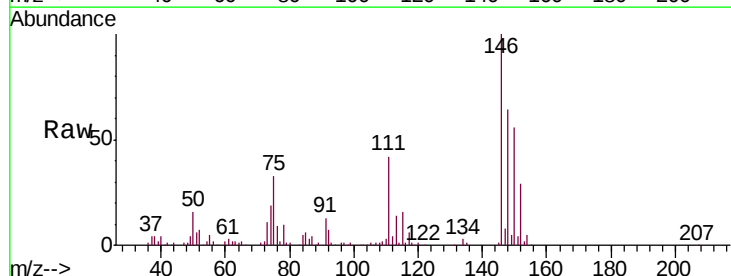
Tgt Ion:152 Resp: 27060

Ion Ratio Lower Upper

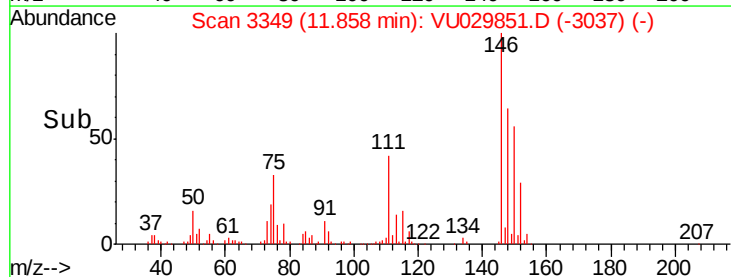
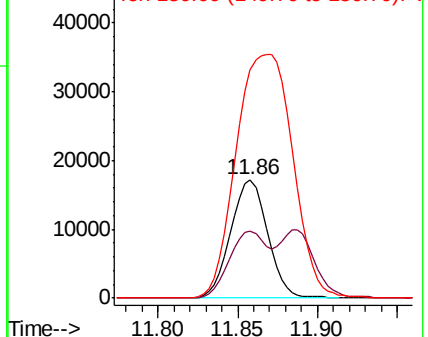
152 100

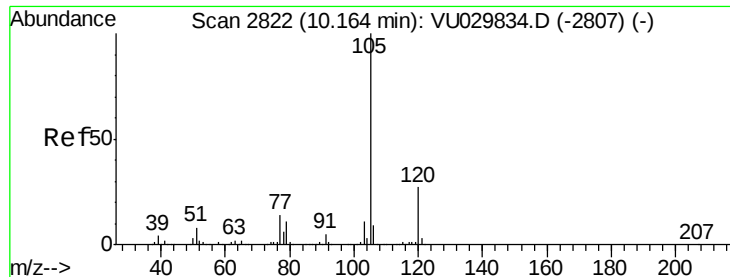
115 58.1 0.0 124.0

150 317.3 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: 11.107 ug/l

RT: 10.16 min Scan# 2822

Delta R.T. -0.00 min

Lab File: VU029851.D

Acq: 07 Mar 2019 13:32

Instrument :

MSVOA_U

ClientSampleId :

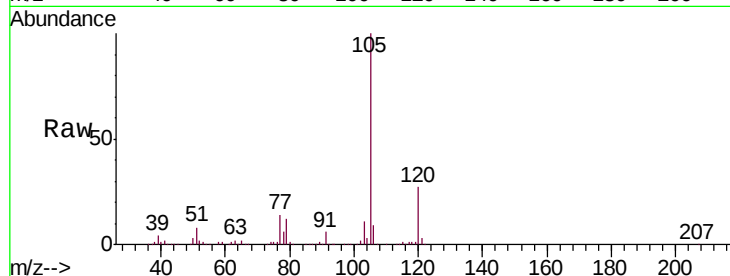
VSTDCCC010EC

Tgt Ion:105 Resp: 892036

Ion Ratio Lower Upper

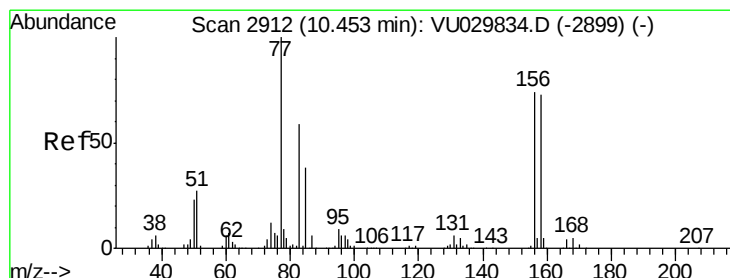
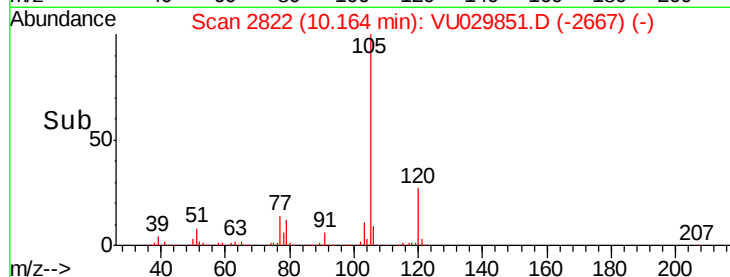
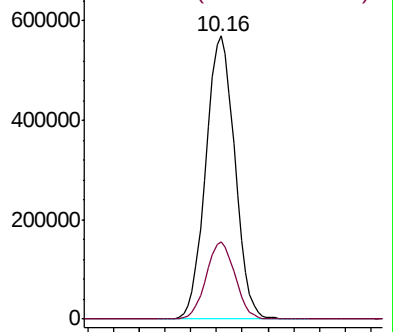
105 100

120 27.2 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#70

1,1,2,2-Tetrachloroethane

Concen: 10.444 ug/l

RT: 10.45 min Scan# 2912

Delta R.T. -0.00 min

Lab File: VU029851.D

Acq: 07 Mar 2019 13:32

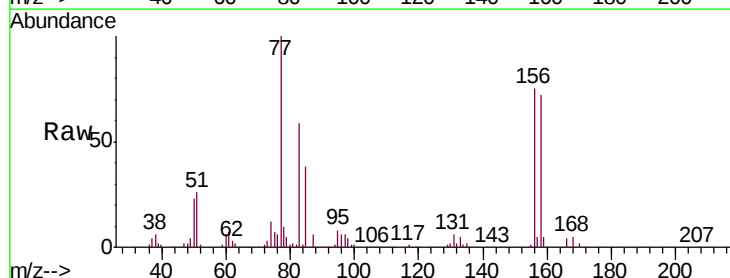
Tgt Ion: 83 Resp: 170646

Ion Ratio Lower Upper

83 100

131 10.0 8.3 12.5

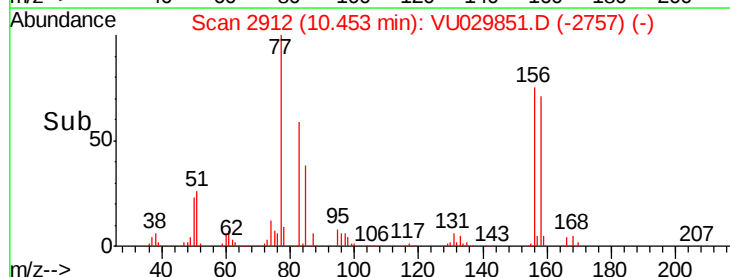
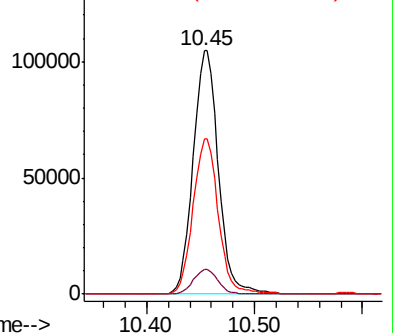
85 64.2 52.5 78.7

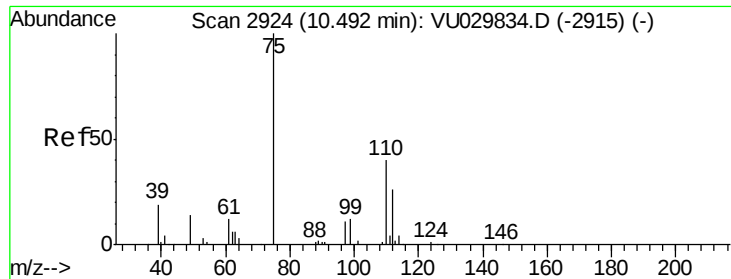


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VU0





#71

1,2,3-Trichloropropane

Concen: 9.197 ug/l

RT: 10.49 min Scan# 2924

Delta R.T. -0.00 min

Lab File: VU029851.D

Acq: 07 Mar 2019 13:32

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 75 Resp: 111688

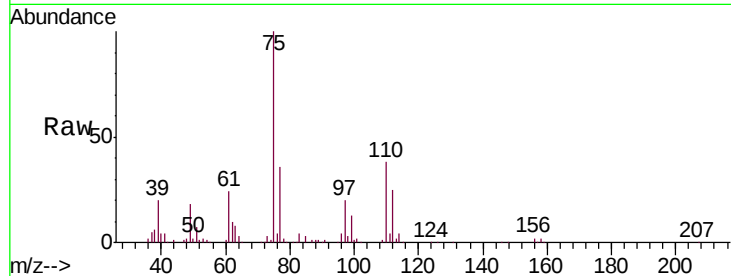
Ion Ratio Lower Upper

75 100

77 10.3 0.0 16.4

110 40.8 0.0 74.8

97 21.1 0.0 39.4

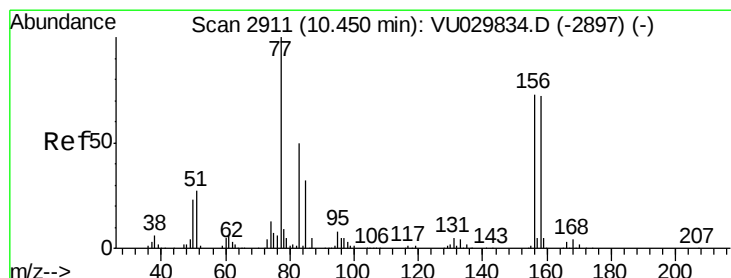
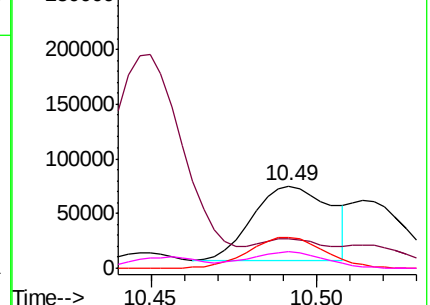
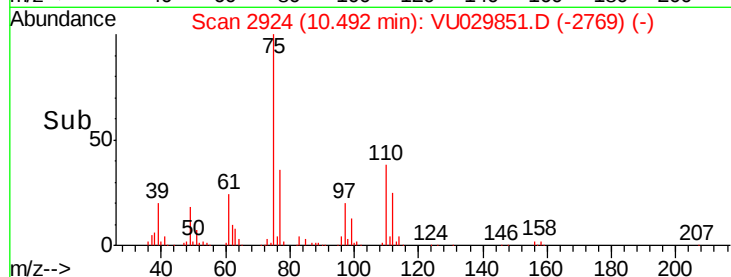


Abundance Ion 75.00 (74.70 to 75.70): VU0

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: 10.795 ug/l

RT: 10.45 min Scan# 2911

Delta R.T. -0.00 min

Lab File: VU029851.D

Acq: 07 Mar 2019 13:32

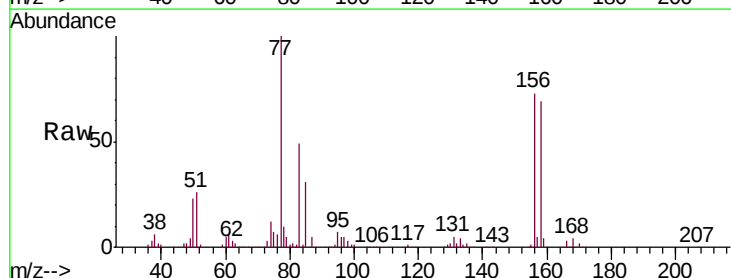
Tgt Ion: 156 Resp: 229482

Ion Ratio Lower Upper

156 100

77 138.5 0.0 282.2

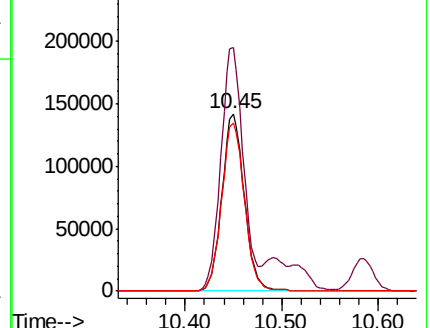
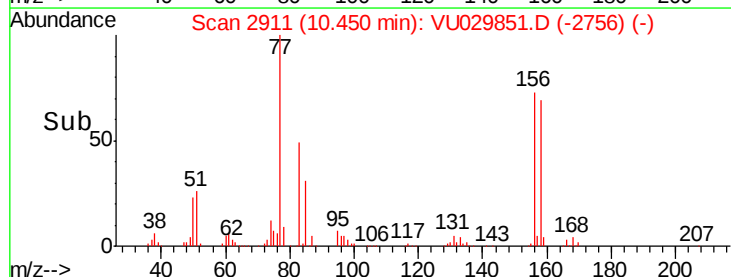
158 95.8 0.0 196.2

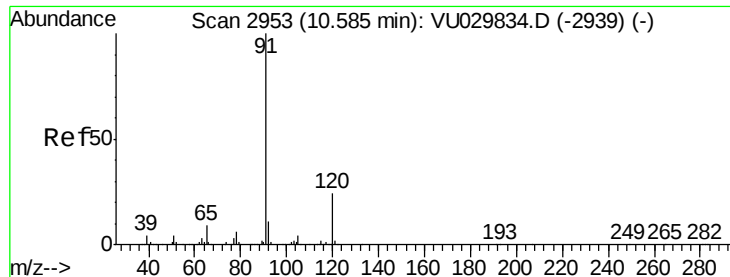


Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 158.00 (157.70 to 158.70): V

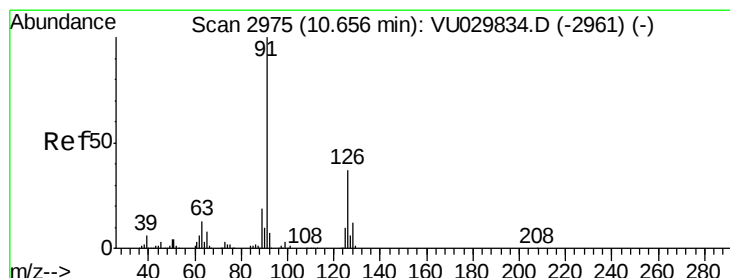
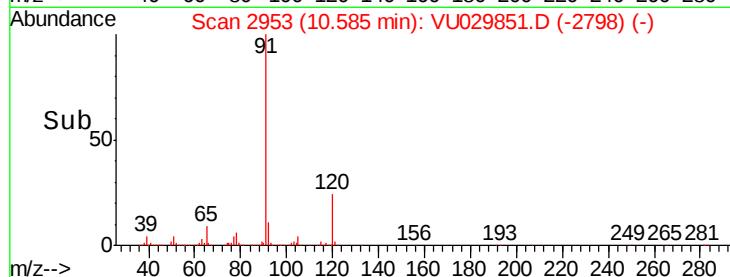
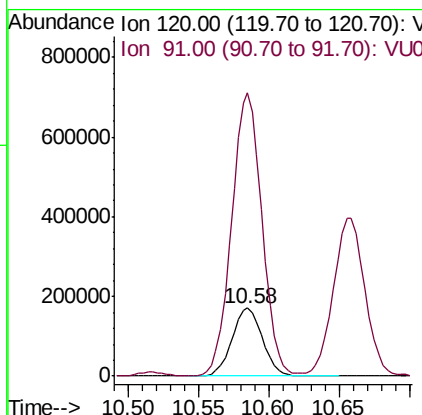
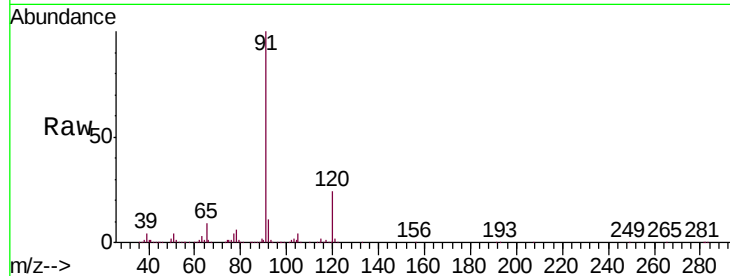




#73
n-propylbenzene
Concen: 11.394 ug/l
RT: 10.58 min Scan# 2953
Delta R.T. -0.00 min
Lab File: VU029851.D
Acq: 07 Mar 2019 13:32

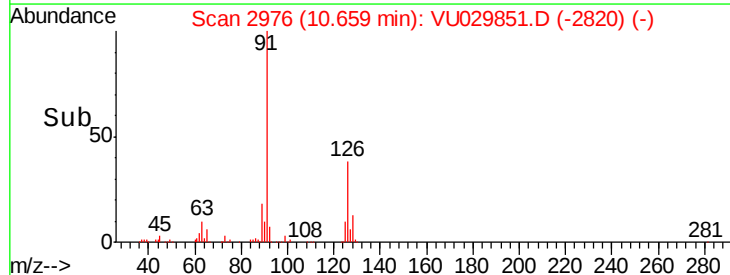
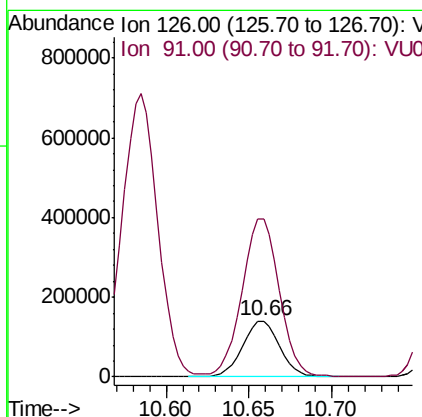
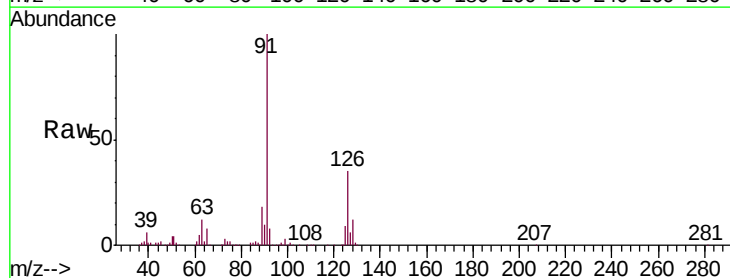
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

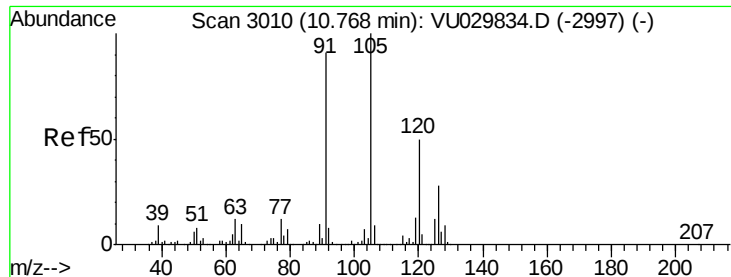
Tgt Ion:120 Resp: 257245
Ion Ratio Lower Upper
120 100
91 415.3 333.4 500.2



#74
2-Chlorotoluene
Concen: 10.845 ug/l
RT: 10.66 min Scan# 2976
Delta R.T. 0.00 min
Lab File: VU029851.D
Acq: 07 Mar 2019 13:32

Tgt Ion:126 Resp: 217188
Ion Ratio Lower Upper
126 100
91 284.2 0.0 569.0





#75

1,3,5-Trimethylbenzene

Concen: 11.266 ug/l

RT: 10.77 min Scan# 3010

Delta R.T. -0.00 min

Lab File: VU029851.D

Acq: 07 Mar 2019 13:32

Instrument :

MSVOA_U

ClientSampleId :

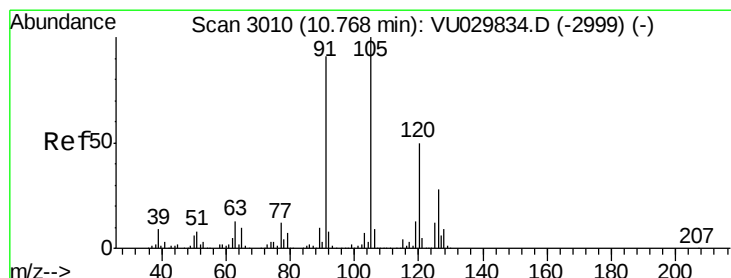
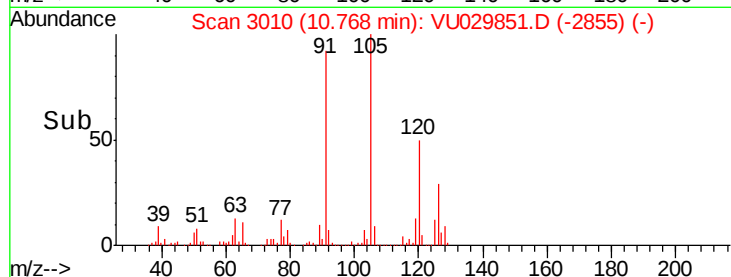
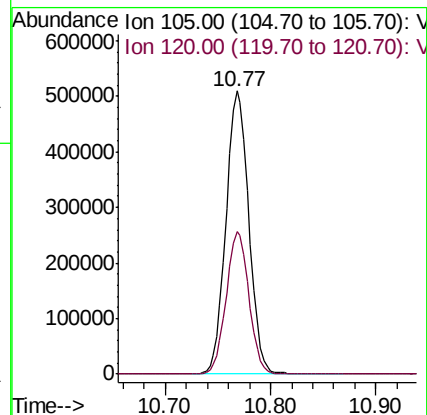
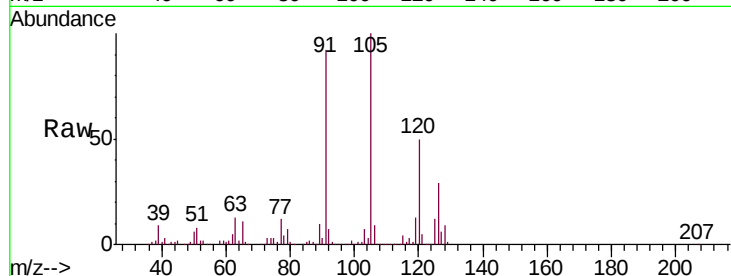
VSTDCCC010EC

Tgt Ion:105 Resp: 762212

Ion Ratio Lower Upper

105 100

120 50.2 40.0 60.0



#76

4-Chlorotoluene

Concen: 10.895 ug/l

RT: 10.77 min Scan# 3010

Delta R.T. -0.00 min

Lab File: VU029851.D

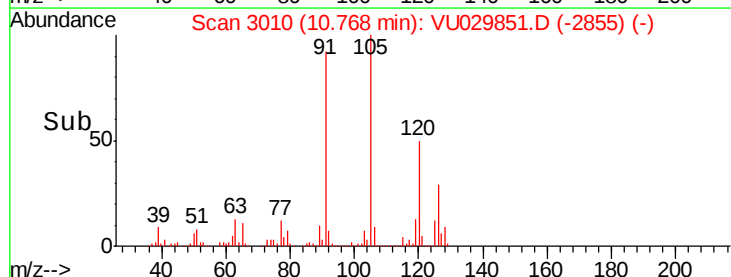
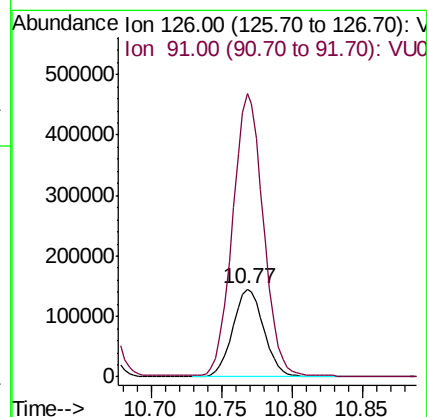
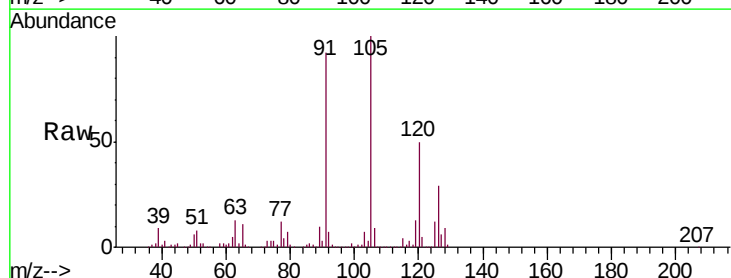
Acq: 07 Mar 2019 13:32

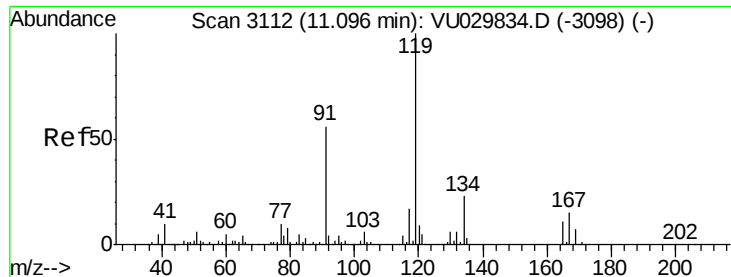
Tgt Ion:126 Resp: 222506

Ion Ratio Lower Upper

126 100

91 323.7 0.0 634.8

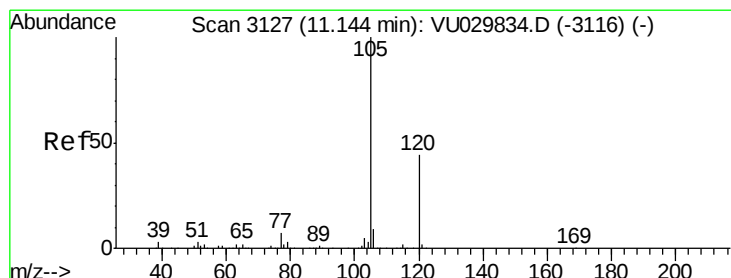
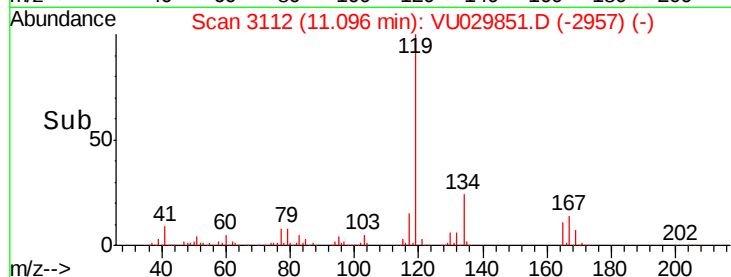
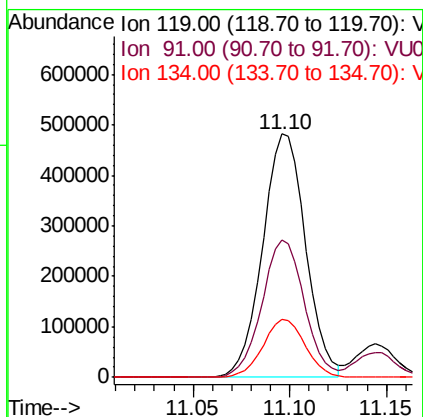
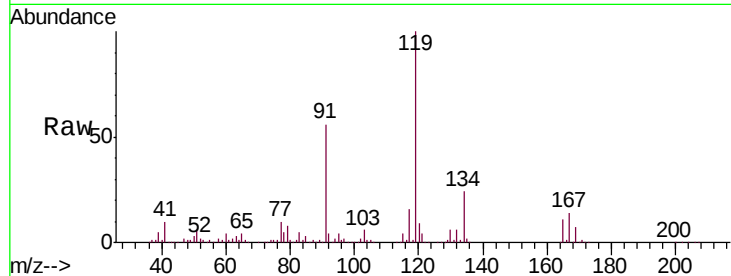




#77
 tert-Butylbenzene
 Concen: 11.152 ug/l
 RT: 11.10 min Scan# 3112
 Delta R.T. -0.00 min
 Lab File: VU029851.D
 Acq: 07 Mar 2019 13:32

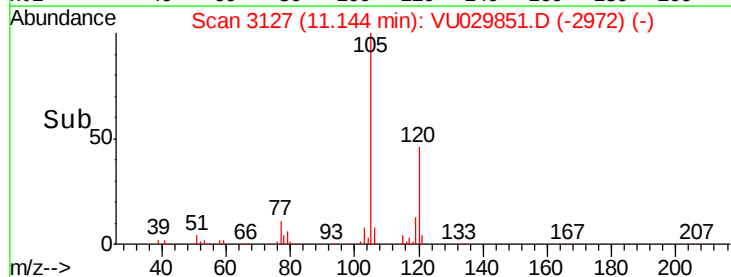
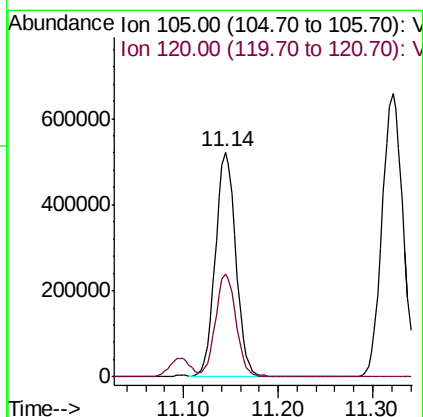
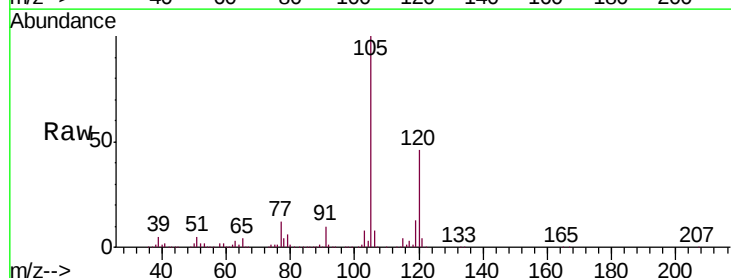
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

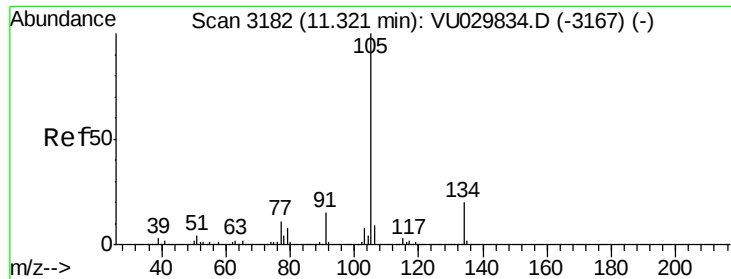
Tgt Ion:119 Resp: 746514
 Ion Ratio Lower Upper
 119 100
 91 55.7 27.7 83.1
 134 23.5 18.7 28.1



#78
 1,2,4-Trimethylbenzene
 Concen: 11.471 ug/l
 RT: 11.14 min Scan# 3127
 Delta R.T. -0.00 min
 Lab File: VU029851.D
 Acq: 07 Mar 2019 13:32

Tgt Ion:105 Resp: 784235
 Ion Ratio Lower Upper
 105 100
 120 46.3 23.5 70.5





#79

sec-Butylbenzene

Concen: 11.367 ug/l

RT: 11.32 min Scan# 3182

Delta R.T. -0.00 min

Lab File: VU029851.D

Acq: 07 Mar 2019 13:32

Instrument :

MSVOA_U

ClientSampleId :

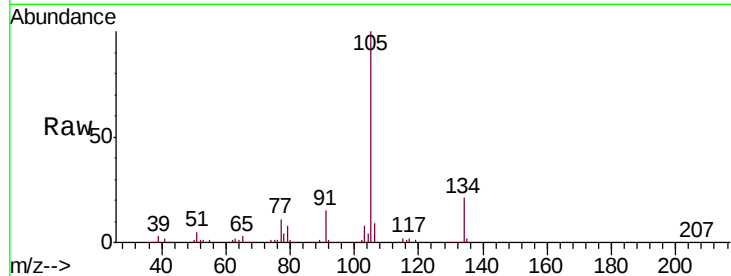
VSTDCCC010EC

Tgt Ion:105 Resp: 1008405

Ion Ratio Lower Upper

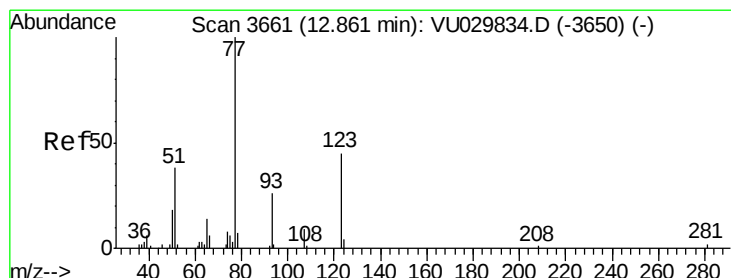
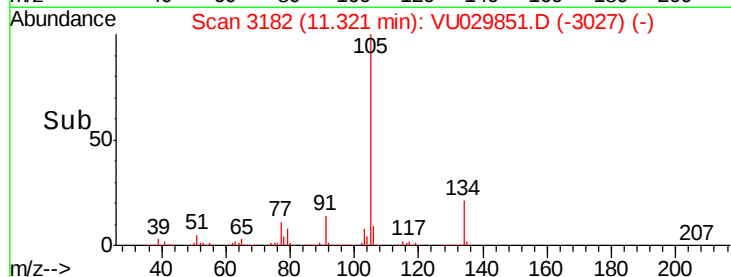
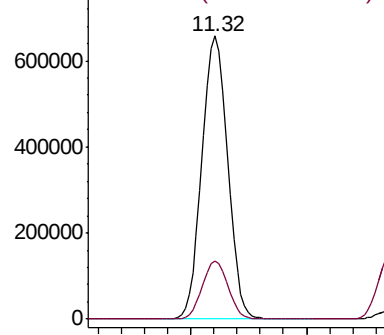
105 100

134 20.5 16.3 24.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#80

Nitrobenzene

Concen: 56.332 ug/l

RT: 12.86 min Scan# 3661

Delta R.T. -0.00 min

Lab File: VU029851.D

Acq: 07 Mar 2019 13:32

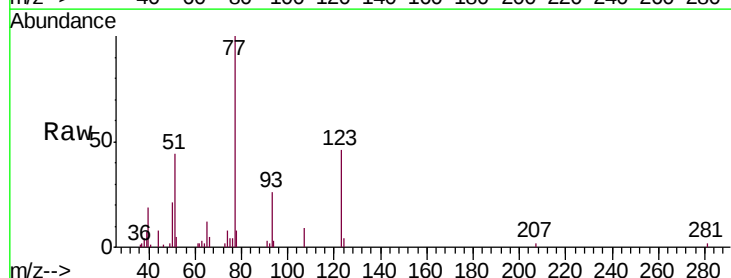
Tgt Ion: 77 Resp: 16709

Ion Ratio Lower Upper

77 100

123 47.4 20.2 71.4

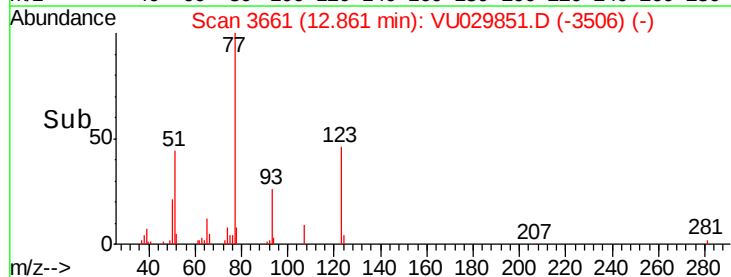
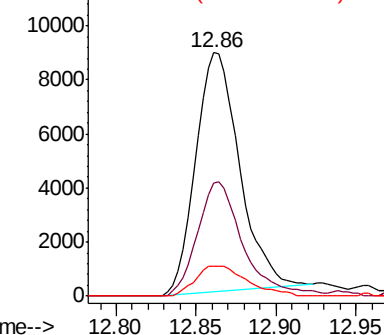
65 14.9 14.0 17.8

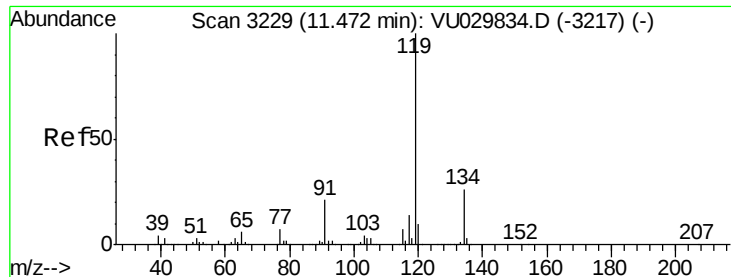


Abundance Ion 77.00 (76.70 to 77.70): VU0

Ion 123.00 (122.70 to 123.70): V

Ion 65.00 (64.70 to 65.70): VU0

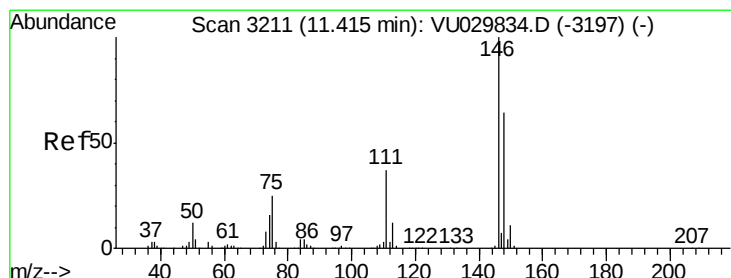
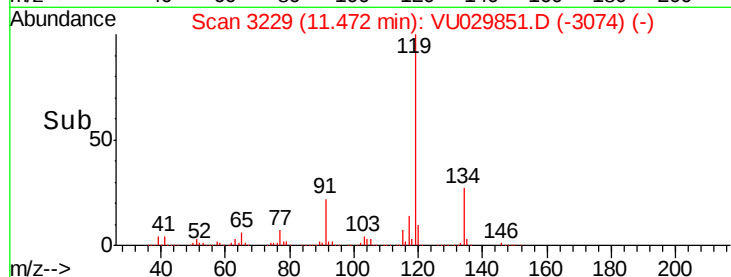
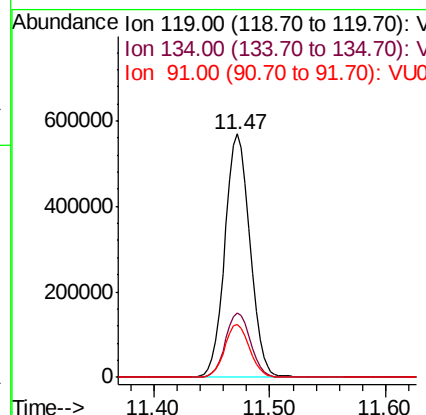
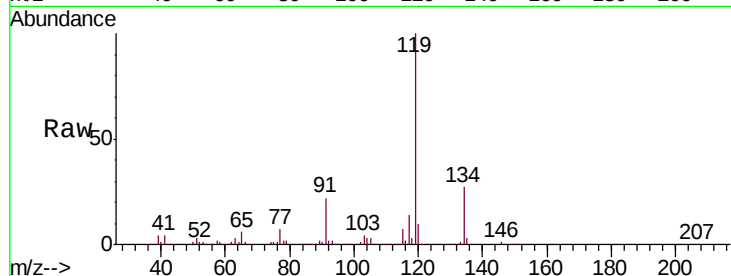




#81
 p-Isopropyltoluene
 Concen: 11.446 ug/l
 RT: 11.47 min Scan# 3229
 Delta R.T. -0.00 min
 Lab File: VU029851.D
 Acq: 07 Mar 2019 13:32

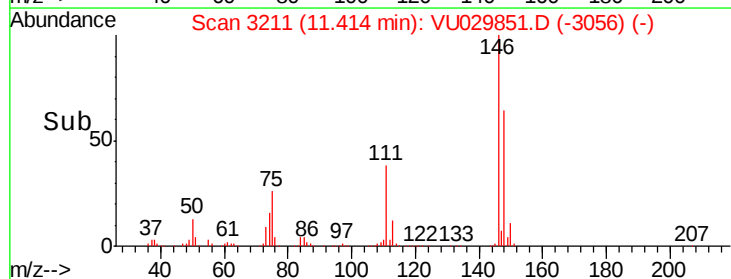
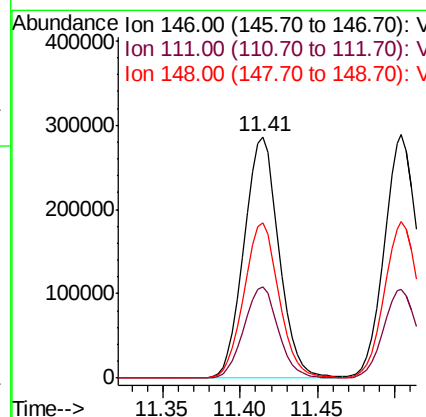
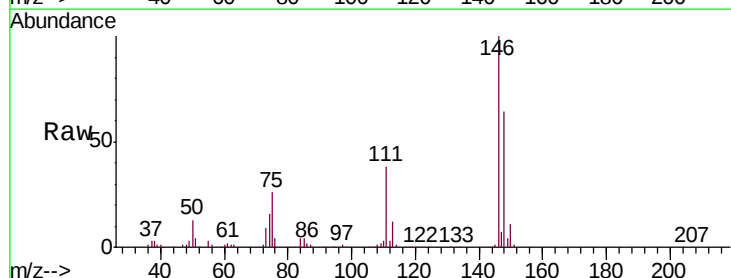
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

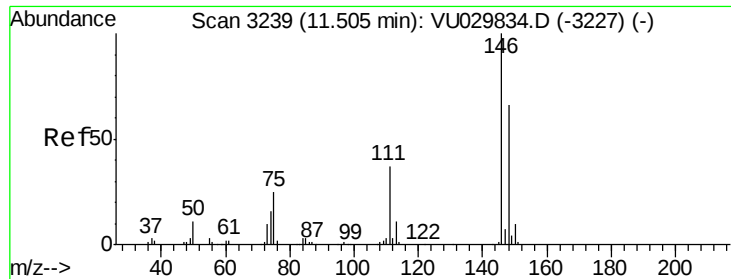
Tgt Ion:119 Resp: 850055
 Ion Ratio Lower Upper
 119 100
 134 26.7 21.2 31.8
 91 21.6 17.2 25.8



#82
 1,3-Dichlorobenzene
 Concen: 10.699 ug/l
 RT: 11.41 min Scan# 3211
 Delta R.T. -0.00 min
 Lab File: VU029851.D
 Acq: 07 Mar 2019 13:32

Tgt Ion:146 Resp: 450412
 Ion Ratio Lower Upper
 146 100
 111 37.5 30.2 45.4
 148 64.4 51.2 76.8

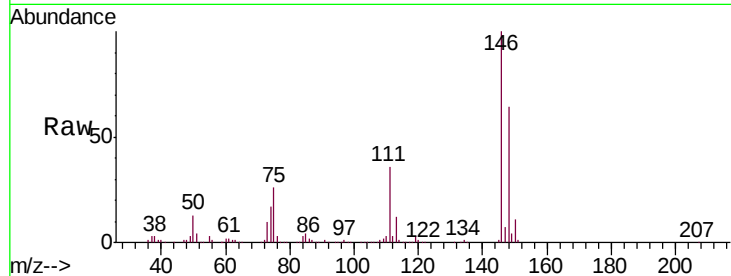




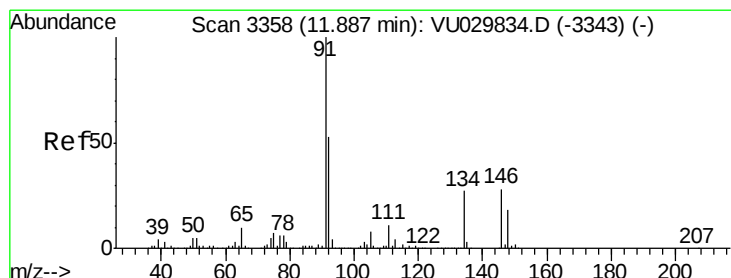
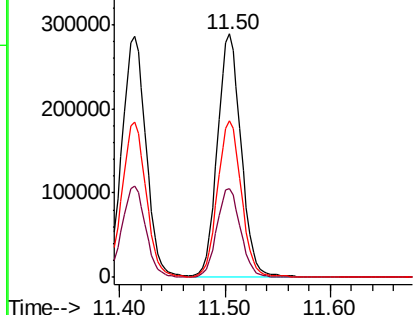
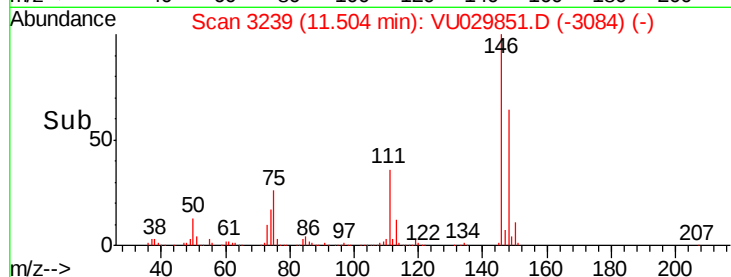
#83
 1,4-Dichlorobenzene
 Concen: 10.874 ug/l
 RT: 11.50 min Scan# 3239
 Delta R.T. -0.00 min
 Lab File: VU029851.D
 Acq: 07 Mar 2019 13:32

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion:146 Resp: 447324
 Ion Ratio Lower Upper
 146 100
 111 36.7 29.4 44.2
 148 64.7 51.7 77.5

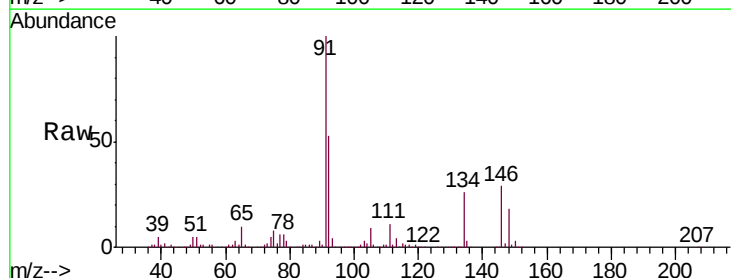


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

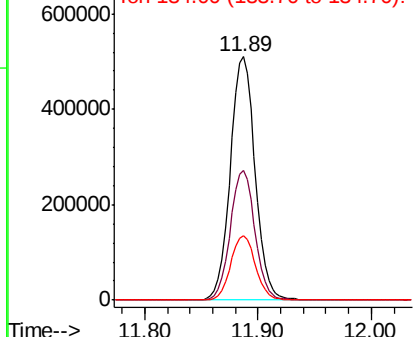
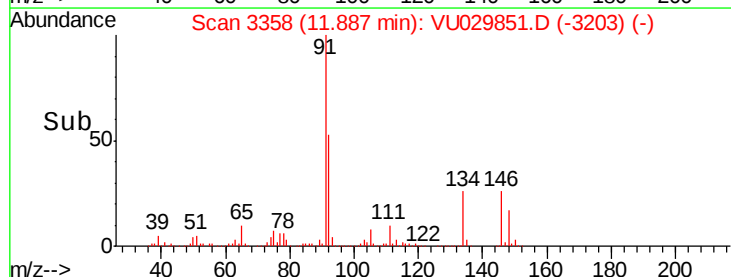


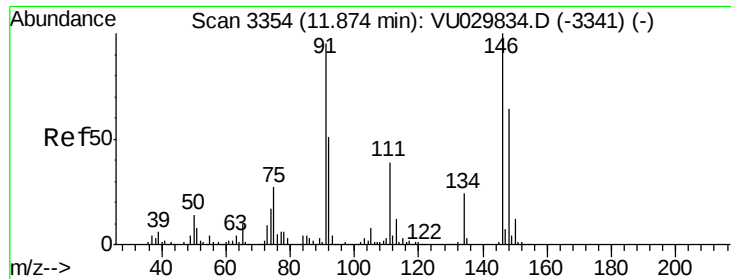
#84
 n-Butylbenzene
 Concen: 11.482 ug/l
 RT: 11.89 min Scan# 3358
 Delta R.T. -0.00 min
 Lab File: VU029851.D
 Acq: 07 Mar 2019 13:32

Tgt Ion: 91 Resp: 776984
 Ion Ratio Lower Upper
 91 100
 92 53.2 42.6 63.8
 134 26.6 21.7 32.5



Abundance Ion 91.00 (90.70 to 91.70): VU0
 Ion 92.00 (91.70 to 92.70): VU0
 Ion 134.00 (133.70 to 134.70): V

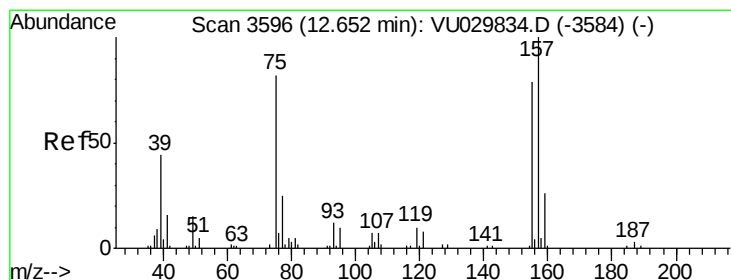
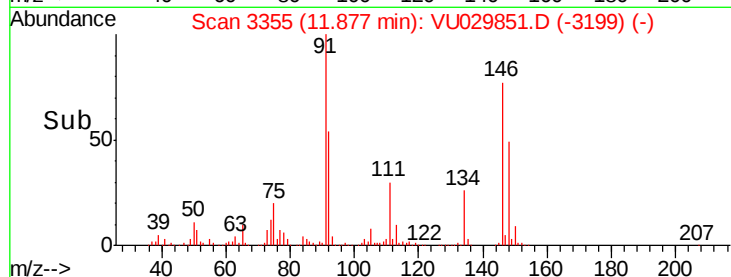
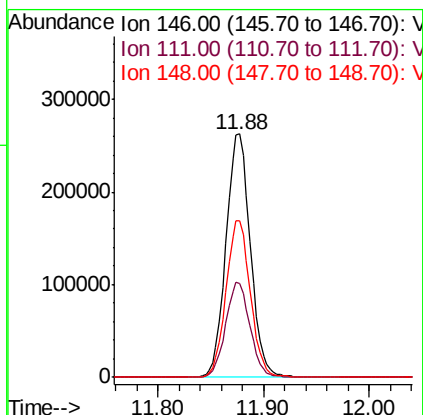
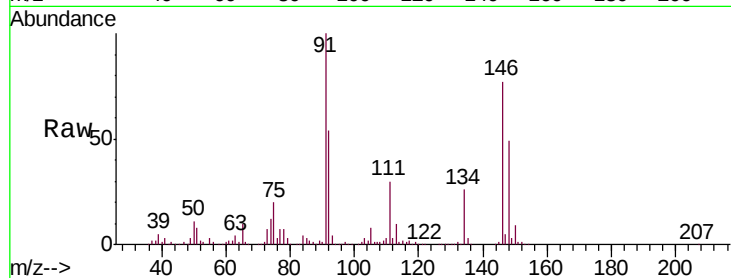




#85
 1,2-Dichlorobenzene
 Concen: 10.533 ug/l
 RT: 11.88 min Scan# 3355
 Delta R.T. 0.00 min
 Lab File: VU029851.D
 Acq: 07 Mar 2019 13:32

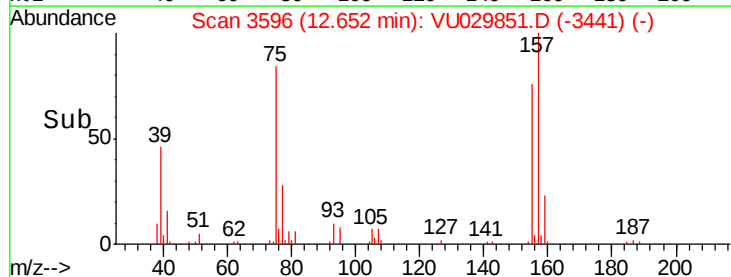
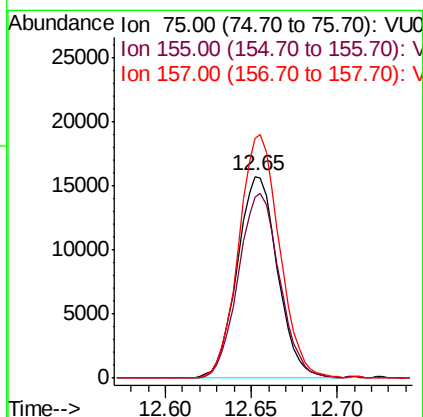
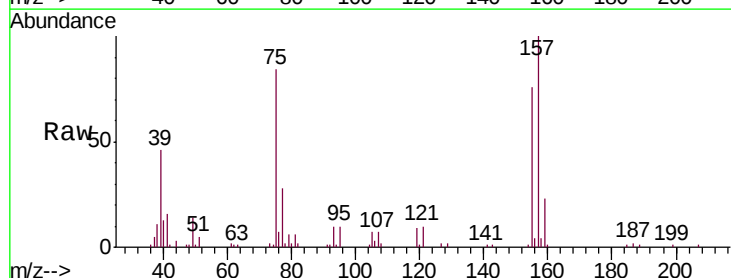
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

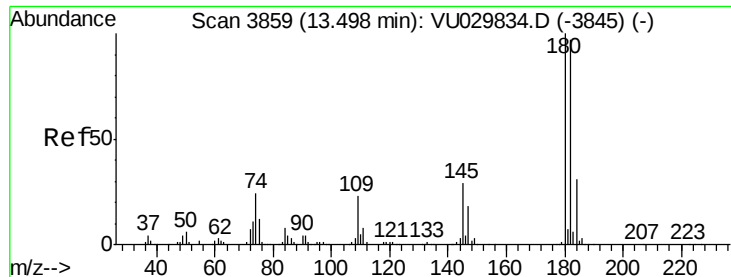
Tgt Ion: 146 Resp: 418141
 Ion Ratio Lower Upper
 146 100
 111 39.2 19.9 59.6
 148 64.3 32.1 96.3



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 10.991 ug/l
 RT: 12.65 min Scan# 3596
 Delta R.T. -0.00 min
 Lab File: VU029851.D
 Acq: 07 Mar 2019 13:32

Tgt Ion: 75 Resp: 25640
 Ion Ratio Lower Upper
 75 100
 155 93.4 76.6 114.8
 157 121.6 96.2 144.2





#87

1,2,4-Trichlorobenzene

Concen: 11.408 ug/l

RT: 13.50 min Scan# 3859

Delta R.T. -0.00 min

Lab File: VU029851.D

Acq: 07 Mar 2019 13:32

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

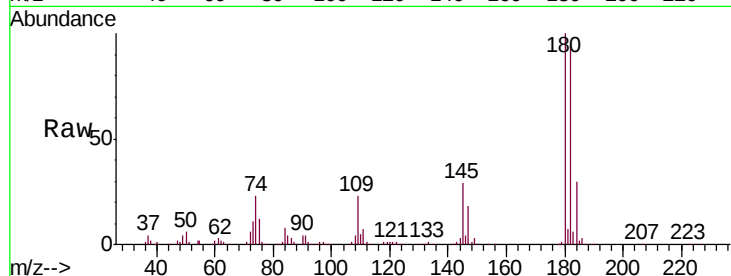
Tgt Ion:180 Resp: 290031

Ion Ratio Lower Upper

180 100

182 94.4 77.5 116.3

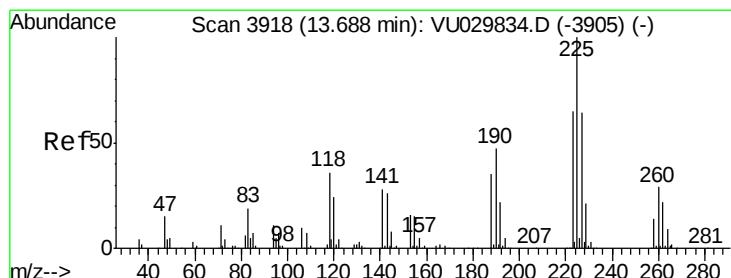
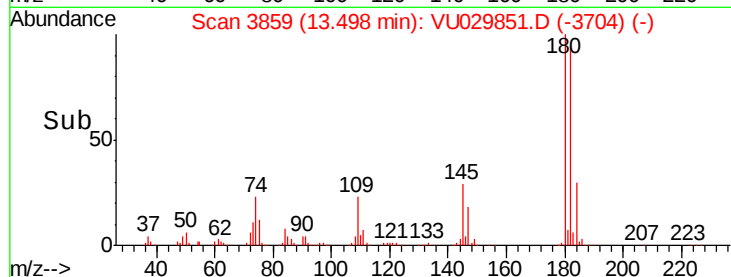
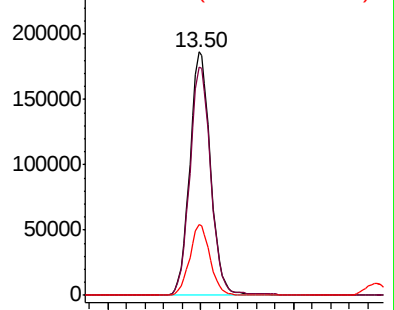
145 28.7 23.6 35.4



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: 10.722 ug/l

RT: 13.69 min Scan# 3918

Delta R.T. -0.00 min

Lab File: VU029851.D

Acq: 07 Mar 2019 13:32

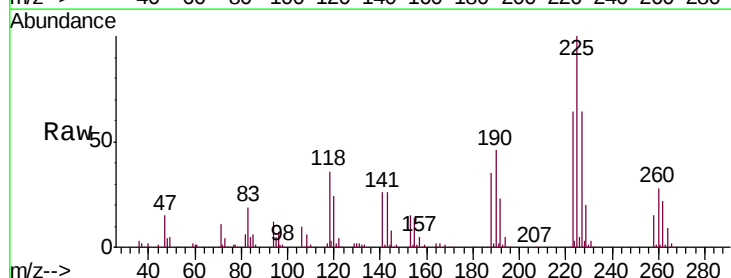
Tgt Ion:225 Resp: 171691

Ion Ratio Lower Upper

225 100

223 63.0 51.2 76.8

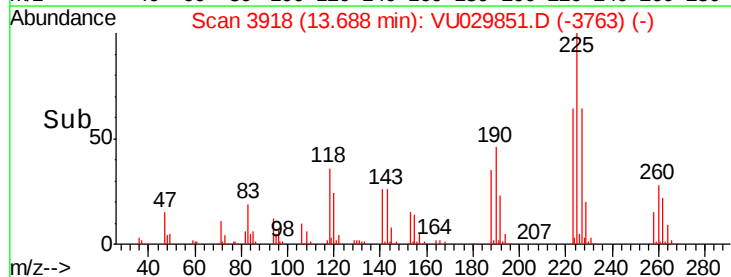
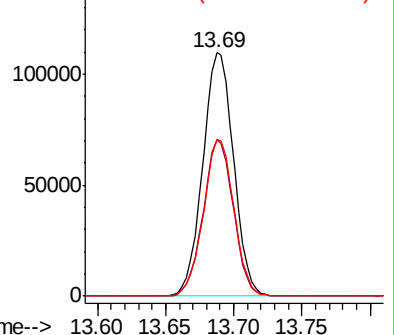
227 63.6 50.9 76.3

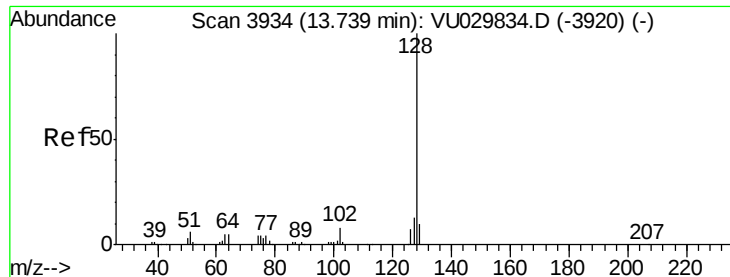


Abundance Ion 224.60 (224.30 to 225.30): V

Ion 222.60 (222.30 to 223.30): V

Ion 226.60 (226.30 to 227.30): V





#89

Naphthalene

Concen: 9.600 ug/l

RT: 13.74 min Scan# 3934

Delta R.T. -0.00 min

Lab File: VU029851.D

Acq: 07 Mar 2019 13:32

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

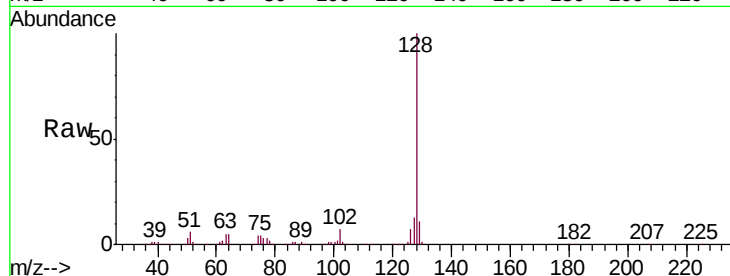
Tgt Ion:128 Resp: 471519

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.4

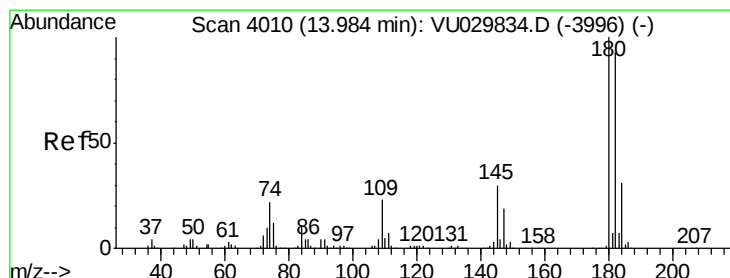
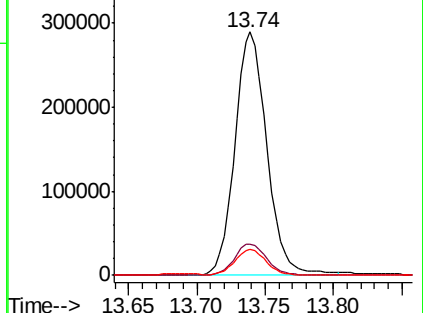
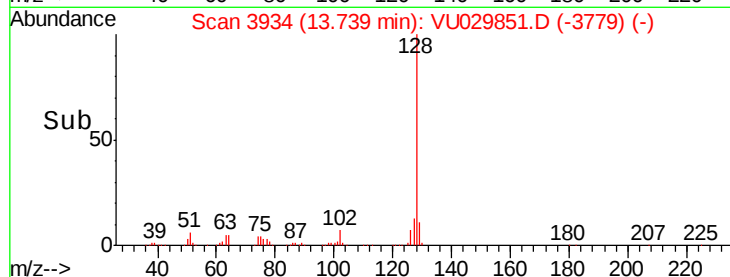
129 10.5 8.2 12.4



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#90

1,2,3-Trichlorobenzene

Concen: 11.143 ug/l

RT: 13.98 min Scan# 4010

Delta R.T. -0.00 min

Lab File: VU029851.D

Acq: 07 Mar 2019 13:32

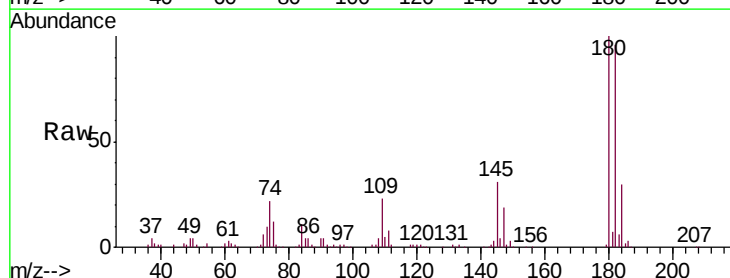
Tgt Ion:180 Resp: 266135

Ion Ratio Lower Upper

180 100

182 96.0 74.8 112.2

145 30.4 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

