

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031019\
 Data File : VU029881.D
 Acq On : 08 Mar 2019 11:58
 Operator : JC/SP
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Quant Time: Mar 08 21:44:43 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	60113	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.31	95	24495	1.13	ug/l	0.00
Spiked Amount 1.000			Recovery	=	113.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	27202	1.09	ug/l	0.00
Spiked Amount 1.000			Recovery	=	109.00%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	204429	10.163	ug/l 100
3) Chloromethane	1.33	50	174406	9.737	ug/l 100
4) Vinyl Chloride	1.40	62	205073	10.178	ug/l 100
5) Bromomethane	1.62	94	114744	8.339	ug/l 98
6) Chloroethane	1.69	64	122702	10.155	ug/l 96
7) Trichlorofluoromethane	1.88	101	286930	10.450	ug/l 96
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	164959	10.327	ug/l 99
9) 1,1-Dichloroethene	2.28	96	160345	10.255	ug/l 99
10) Iodomethane	2.41	142	177241	10.135	ug/l 100
11) Allyl Chloride	2.59	41	225618	10.264	ug/l 99
12) Acrylonitrile	2.93	53	70316	20.624	ug/l 99
13) Acetone	2.32	43	136495	48.339	ug/l 99
14) Carbon Disulfide	2.47	76	496573	9.806	ug/l 99
15) Methylene Chloride	2.70	84	182662	9.735	ug/l 99
16) trans-1,2-Dichloroethene	2.97	96	178055	10.081	ug/l 98
17) 1,1-Dichloroethane	3.44	63	306445	10.369	ug/l 99
18) 2-Butanone	4.27	43	211965	55.236	ug/l 98
19) Cyclohexane	4.99	56	217249	9.468	ug/l 98
20) Methylcyclohexane	6.41	83	295235	11.047	ug/l 99
21) 2,2-Dichloropropane	4.22	77	246918	10.222	ug/l 99
22) cis-1,2-Dichloroethene	4.22	96	204156	10.906	ug/l 98
23) Diethyl Ether	2.10	59	122155	10.420	ug/l 98
24) tert-Butyl Alcohol	2.84	59	132539	109.606	ug/l 99
25) Methyl tert-Butyl Ether	3.00	73	413856	10.511	ug/l 100
26) Bromochloromethane	4.54	128	88182	10.611	ug/l 98
27) Chloroform	4.67	83	319771	10.685	ug/l 99
28) 1,1,1-Trichloroethane	4.91	97	273353	10.773	ug/l 100
29) 1,1-Dichloropropene	5.13	75	238845	10.592	ug/l 98
30) Carbon Tetrachloride	5.13	117	237592	10.733	ug/l 98
31) Isopropyl Ether	3.58	45	441243	10.825	ug/l 99
32) Ethyl-t-butyl ether	4.07	59	434207	10.959	ug/l 100
33) Tert-Amyl methyl ether	5.58	73	408273	11.143	ug/l 99
34) Propionitrile	4.33	54	66324	58.102	ug/l 98
35) Benzene	5.38	78	710335	10.694	ug/l 99
36) 1,2-Dichloroethane	5.40	62	190195	10.484	ug/l 99
37) Trichloroethene	6.18	130	203497	10.493	ug/l 100
38) 1,2-Dichloropropane	6.43	63	180718	10.748	ug/l 99
39) Methacrylonitrile	4.55	41	52064	10.843	ug/l 99
40) Methyl acrylate	4.42	55	87287	11.501	ug/l 99
41) Tetrahydrofuran	4.65	42	52284	20.818	ug/l 99
42) 1-Chlorobutane	5.06	56	316809	10.998	ug/l 99

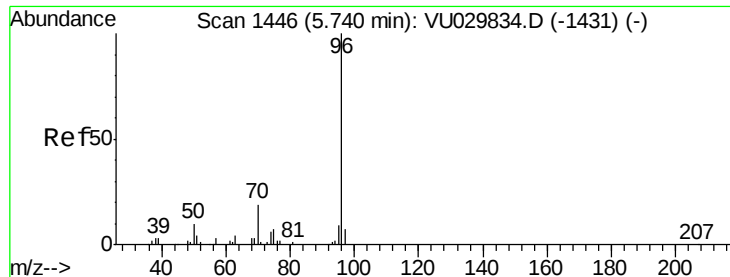
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031019\
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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.56	93	94140	10.803	ug/l	99
44) Bromodichloromethane	6.75	83	229793	10.737	ug/l	99
45) 4-Methyl-2-Pentanone	7.46	43	511417	56.272	ug/l	99
46) t-1,4-Dichloro-2-butene	10.49	75	104154	27.412	ug/l #	84
47) Methyl methacrylate	6.62	69	172527	23.072	ug/l	98
48) Ethyl methacrylate	8.02	69	168753	11.778	ug/l	99
49) Toluene	7.63	92	455028	11.155	ug/l	99
50) t-1,3-Dichloropropene	7.88	75	207463	11.062	ug/l	98
51) cis-1,3-Dichloropropene	7.27	75	260177	11.206	ug/l	98
52) 1,1,2-Trichloroethane	8.06	97	138566	10.743	ug/l	97
53) 1,3-Dichloropropane	8.24	76	229641	10.855	ug/l	99
54) 2-Hexanone	8.36	43	356735	56.518	ug/l	99
55) Dibromochloromethane	8.47	129	168242	10.990	ug/l	100
56) 1,2-Dibromoethane	8.59	107	131029	10.713	ug/l	99
58) Tetrachloroethene	8.22	164	219654	11.089	ug/l	99
59) Chlorobenzene	9.12	112	518286	11.056	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.21	131	182725	10.865	ug/l	99
61) Pentachloroethane	11.10	117	122012	10.421	ug/l	98
62) Hexachloroethane	12.14	117	134365	10.909	ug/l	97
63) Ethyl Benzene	9.25	91	873344	11.372	ug/l	100
64) m/p-Xylenes	9.37	106	704690	23.212	ug/l	99
65) o-Xylene	9.77	106	335184	11.496	ug/l	98
66) Styrene	9.79	104	573159	11.832	ug/l	99
67) Bromoform	9.95	173	101482	11.287	ug/l	99
69) Isopropylbenzene	10.16	105	891629	11.532	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.45	83	170256	10.823	ug/l	99
71) 1,2,3-Trichloropropane	10.49	75	104154	8.909	ug/l #	89
72) Bromobenzene	10.45	156	229647	11.221	ug/l	97
73) n-propylbenzene	10.58	120	255351	11.748	ug/l	99
74) 2-Chlorotoluene	10.66	126	218409	11.328	ug/l	97
75) 1,3,5-Trimethylbenzene	10.77	105	762907	11.713	ug/l	100
76) 4-Chlorotoluene	10.77	126	224603	11.424	ug/l	100
77) tert-Butylbenzene	11.10	119	741774	11.510	ug/l	99
78) 1,2,4-Trimethylbenzene	11.14	105	782256	11.885	ug/l	99
79) sec-Butylbenzene	11.32	105	1007516	11.796	ug/l	100
80) Nitrobenzene	12.86	77	17965	62.909	ug/l #	96
81) p-Isopropyltoluene	11.47	119	849416	11.880	ug/l	100
82) 1,3-Dichlorobenzene	11.41	146	446198	11.009	ug/l	99
83) 1,4-Dichlorobenzene	11.50	146	448766	11.331	ug/l	98
84) n-Butylbenzene	11.89	91	771949	11.849	ug/l	100
85) 1,2-Dichlorobenzene	11.87	146	420764	11.009	ug/l	99
86) 1,2-Dibromo-3-Chloropropan	12.65	75	24924	11.097	ug/l	94
87) 1,2,4-Trichlorobenzene	13.50	180	290561	11.872	ug/l	99
88) Hexachlorobutadiene	13.69	225	173186	11.233	ug/l	98
89) Naphthalene	13.74	128	491432	10.355	ug/l	100
90) 1,2,3-Trichlorobenzene	13.98	180	271565	11.811	ug/l	98

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



#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 5.74 min Scan# 1446

Delta R.T. -0.00 min

Lab File: VU029881.D

Acq: 08 Mar 2019 11:58

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 96 Resp: 60113

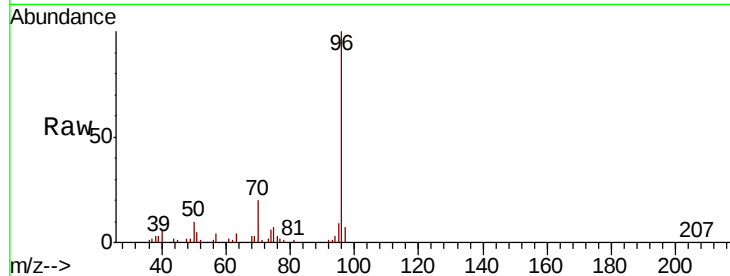
Ion Ratio Lower Upper

96 100

70 19.8 14.4 21.6

95 8.9 7.0 10.6

97 0.0 0.0 0.0

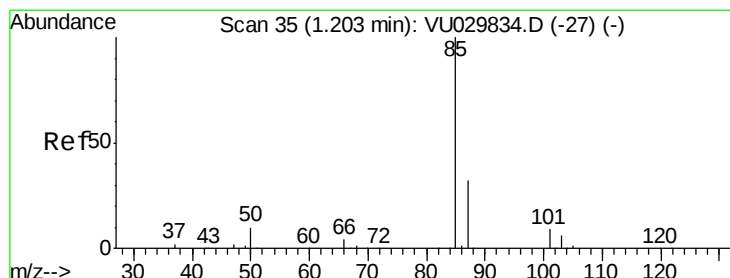
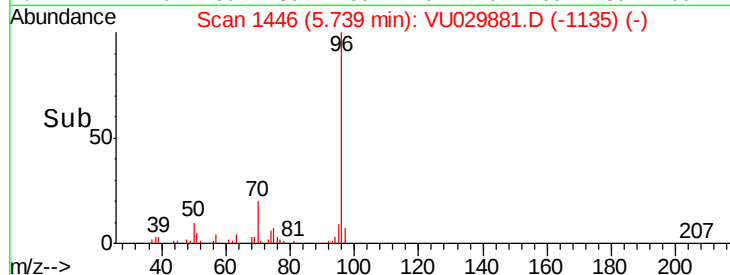
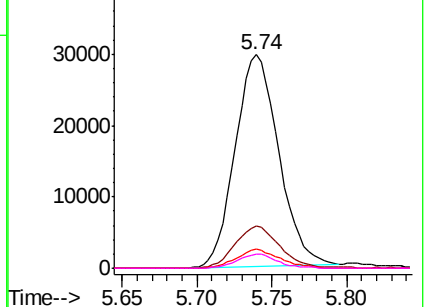


Abundance Ion 96.00 (95.70 to 96.70): VU0

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: 10.163 ug/l

RT: 1.21 min Scan# 36

Delta R.T. 0.00 min

Lab File: VU029881.D

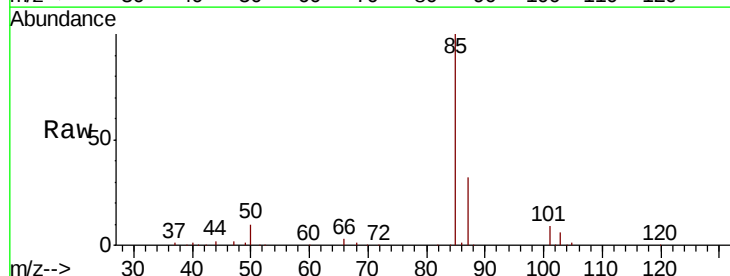
Acq: 08 Mar 2019 11:58

Tgt Ion: 85 Resp: 204429

Ion Ratio Lower Upper

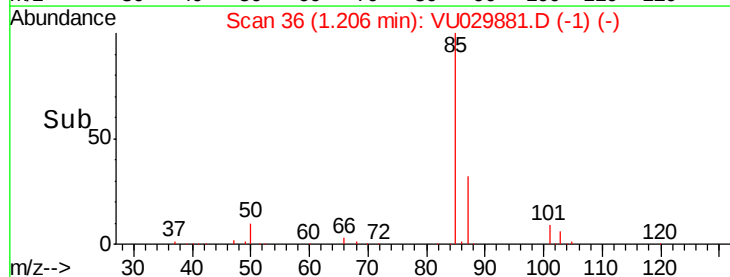
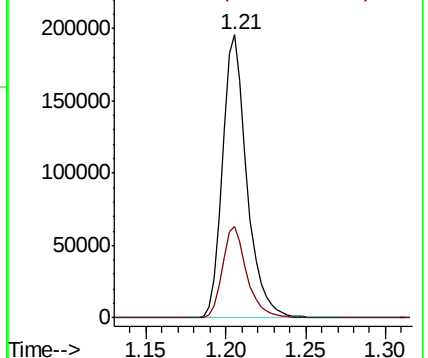
85 100

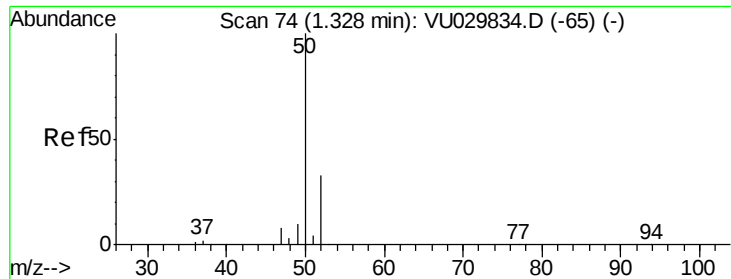
87 32.2 16.2 48.6



Abundance Ion 85.00 (84.70 to 85.70): VU0

Ion 87.00 (86.70 to 87.70): VU0





#3

Chloromethane

Concen: 9.737 ug/l

RT: 1.33 min Scan# 74

Delta R.T. -0.00 min

Lab File: VU029881.D

Acq: 08 Mar 2019 11:58

Instrument :

MSVOA_U

ClientSampleId :

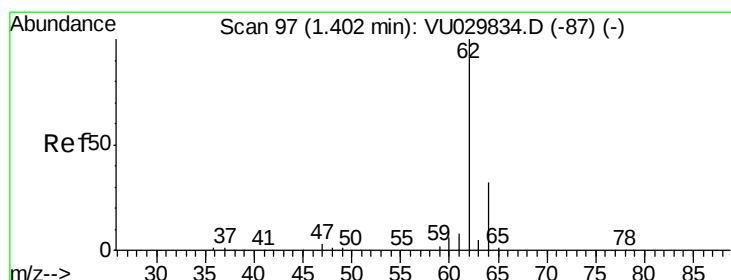
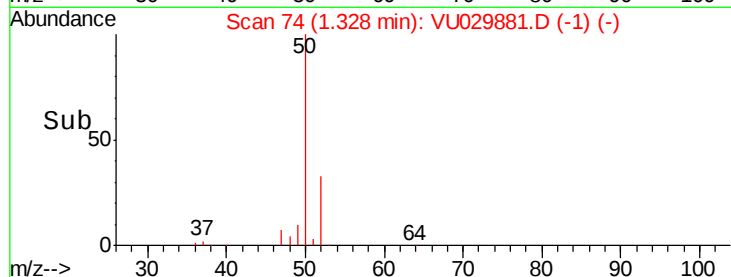
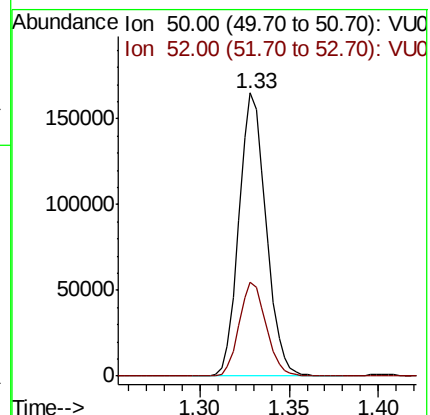
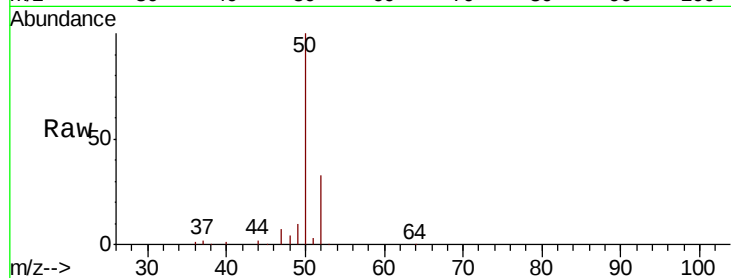
VSTDCCC010EC

Tgt Ion: 50 Resp: 174406

Ion Ratio Lower Upper

50 100

52 33.1 26.5 39.7



#4

Vinyl Chloride

Concen: 10.178 ug/l

RT: 1.40 min Scan# 97

Delta R.T. -0.00 min

Lab File: VU029881.D

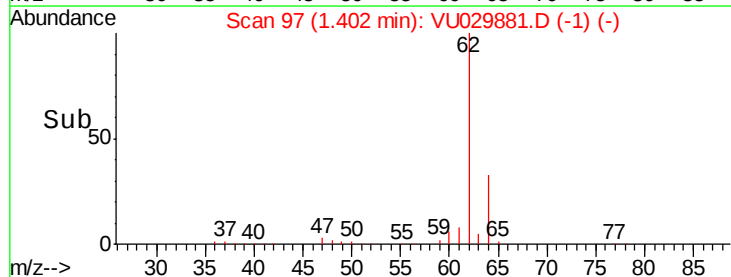
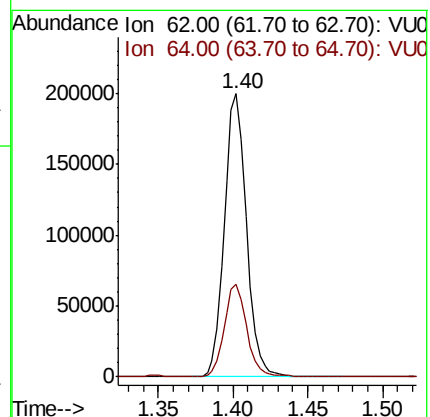
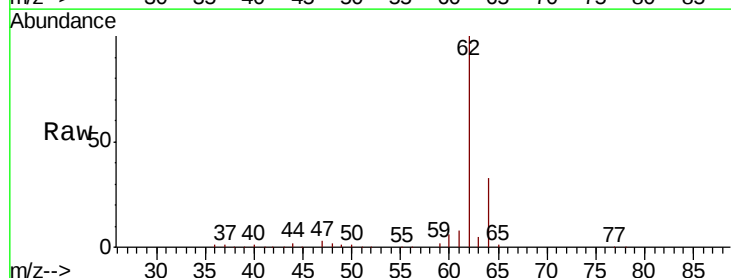
Acq: 08 Mar 2019 11:58

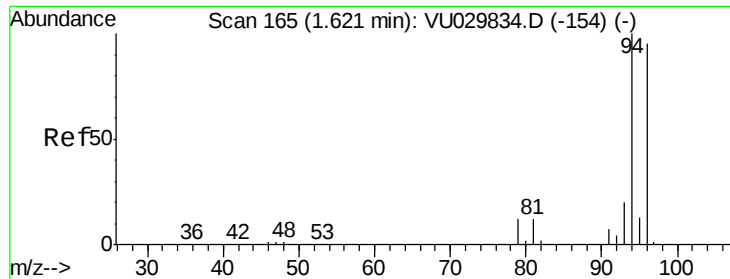
Tgt Ion: 62 Resp: 205073

Ion Ratio Lower Upper

62 100

64 32.3 25.7 38.5

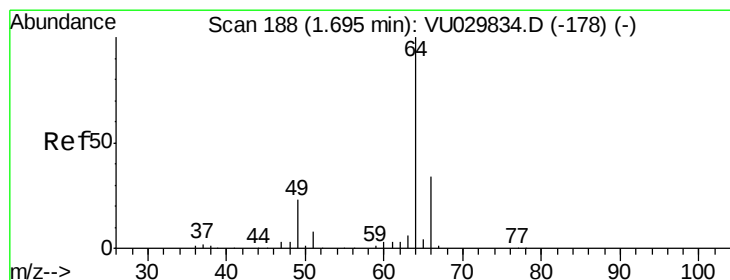
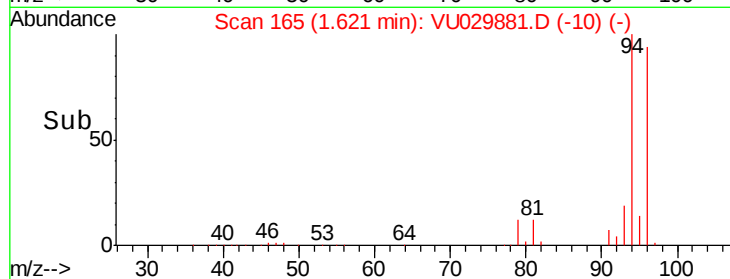
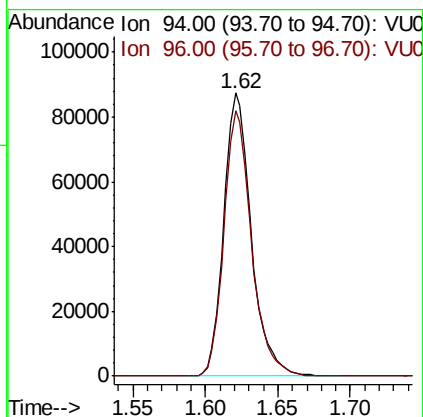
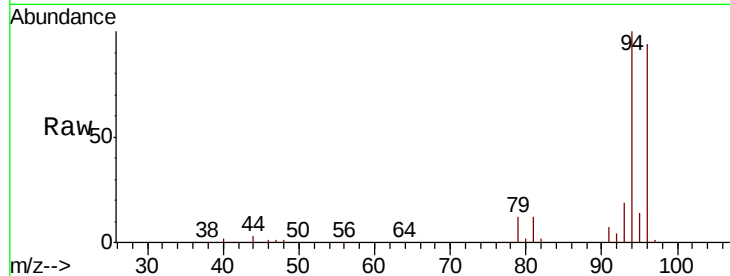




#5
Bromomethane
Concen: 8.339 ug/l
RT: 1.62 min Scan# 165
Delta R.T. -0.00 min
Lab File: VU029881.D
Acq: 08 Mar 2019 11:58

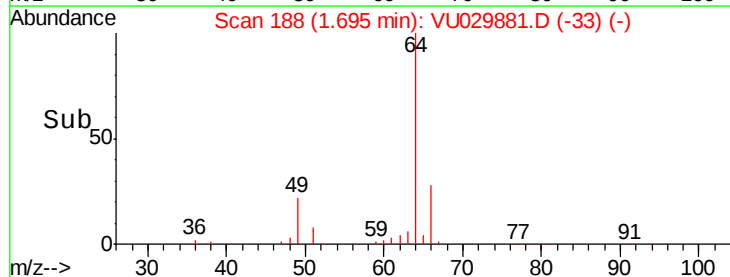
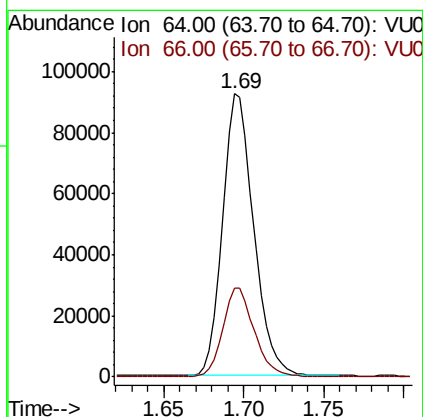
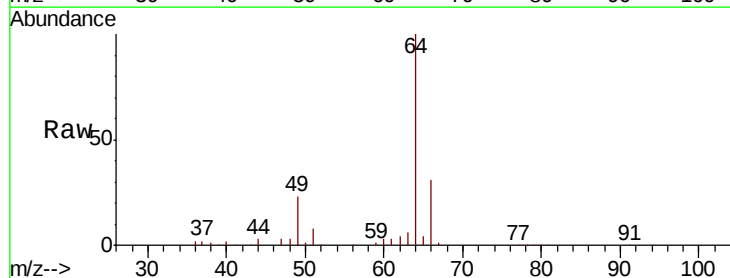
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

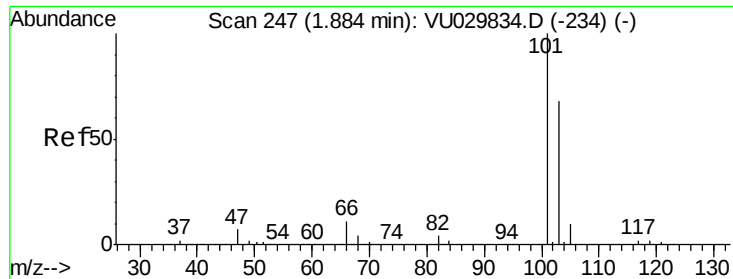
Tgt Ion: 94 Resp: 114744
Ion Ratio Lower Upper
94 100
96 93.6 76.4 114.6



#6
Chloroethane
Concen: 10.155 ug/l
RT: 1.69 min Scan# 188
Delta R.T. -0.00 min
Lab File: VU029881.D
Acq: 08 Mar 2019 11:58

Tgt Ion: 64 Resp: 122702
Ion Ratio Lower Upper
64 100
66 31.6 27.3 40.9



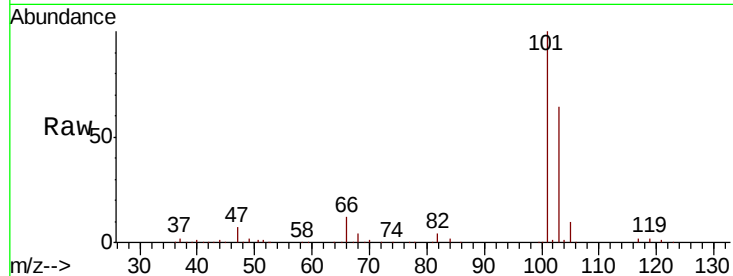


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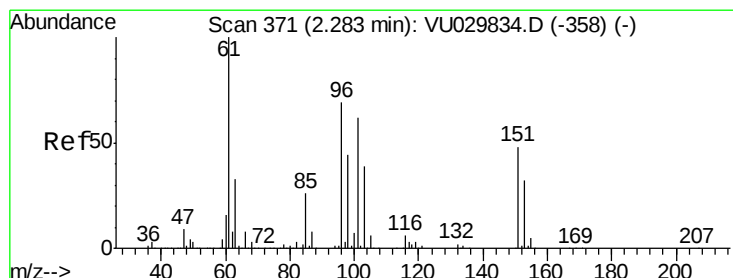
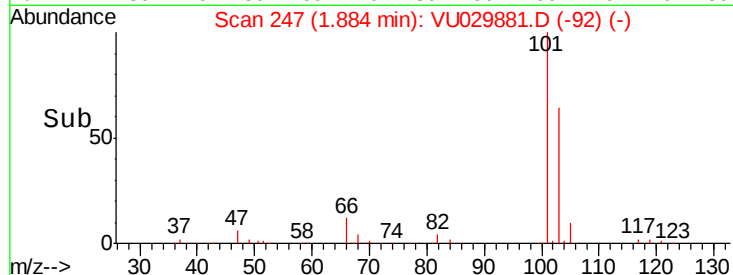
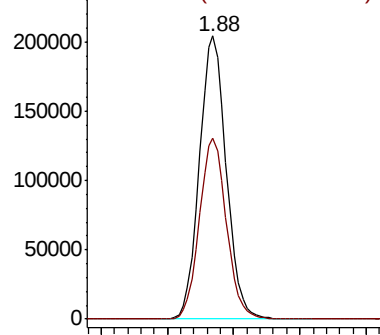
Trichlorofluoromethane
Concen: 10.450 ug/l
RT: 1.88 min Scan# 247
Delta R.T. -0.00 min
Lab File: VU029881.D
Acq: 08 Mar 2019 11:58

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion:101 Resp: 286930
Ion Ratio Lower Upper
101 100
103 64.1 54.2 81.2



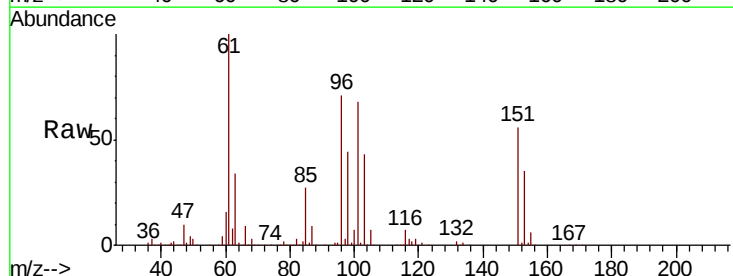
Abundance Ion 101.00 (100.70 to 101.70): V
Ion 103.00 (102.70 to 103.70): V



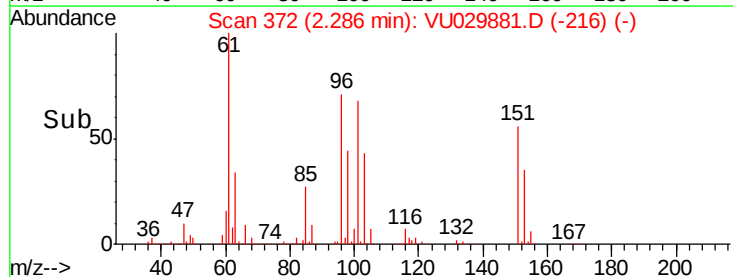
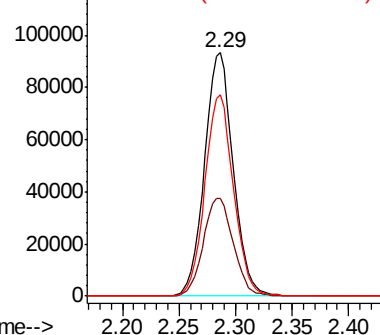
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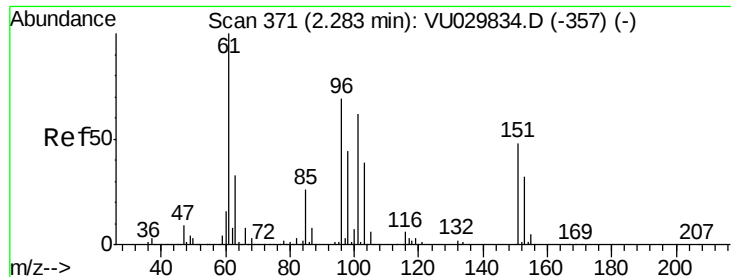
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 10.327 ug/l
RT: 2.29 min Scan# 372
Delta R.T. 0.00 min
Lab File: VU029881.D
Acq: 08 Mar 2019 11:58

Tgt Ion:101 Resp: 164959
Ion Ratio Lower Upper
101 100
85 41.9 33.4 50.0
151 82.6 64.6 97.0



Abundance Ion 101.00 (100.70 to 101.70): V
Ion 85.00 (84.70 to 85.70): VU0
Ion 151.00 (150.70 to 151.70): V





#9

1,1-Dichloroethene

Concen: 10.255 ug/l

RT: 2.28 min Scan# 371

Delta R.T. -0.00 min

Lab File: VU029881.D

Acq: 08 Mar 2019 11:58

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

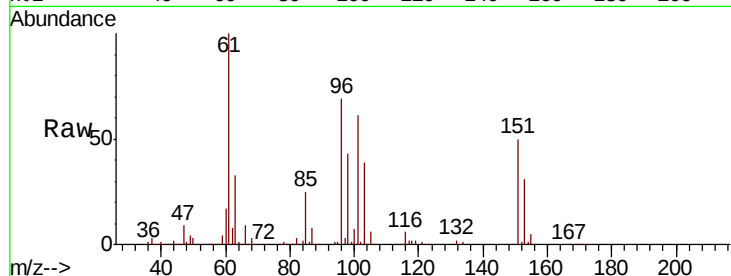
Tgt Ion: 96 Resp: 160345

Ion Ratio Lower Upper

96 100

61 144.6 0.0 435.3

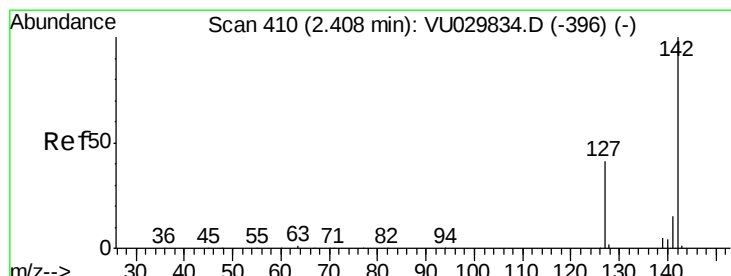
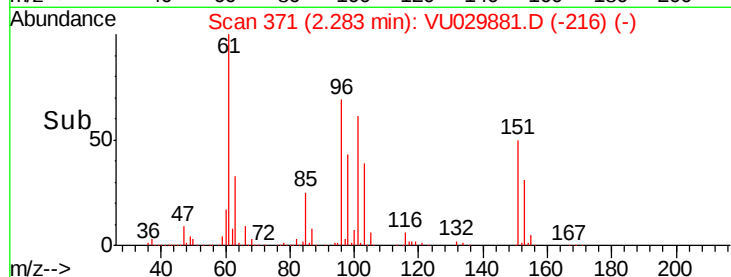
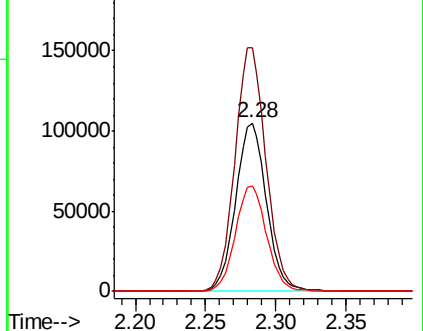
98 62.7 0.0 128.6



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: 10.135 ug/l

RT: 2.41 min Scan# 410

Delta R.T. 0.00 min

Lab File: VU029881.D

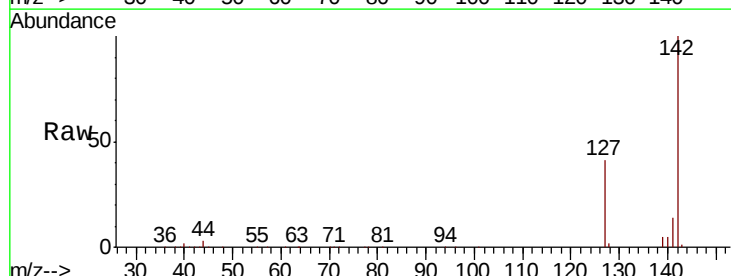
Acq: 08 Mar 2019 11:58

Tgt Ion: 142 Resp: 177241

Ion Ratio Lower Upper

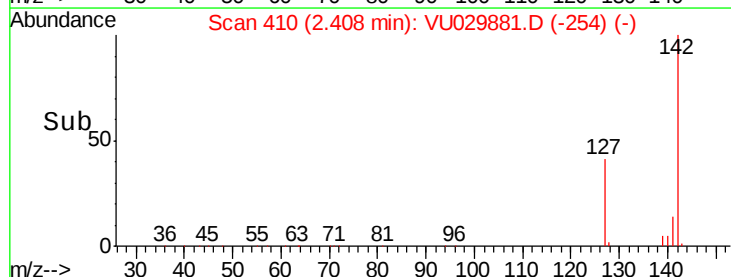
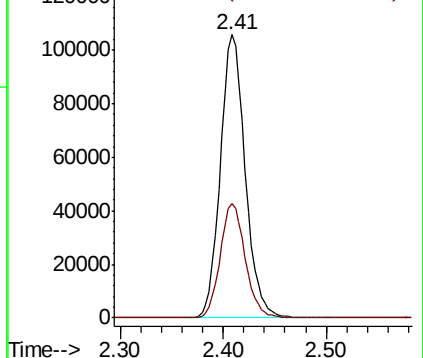
142 100

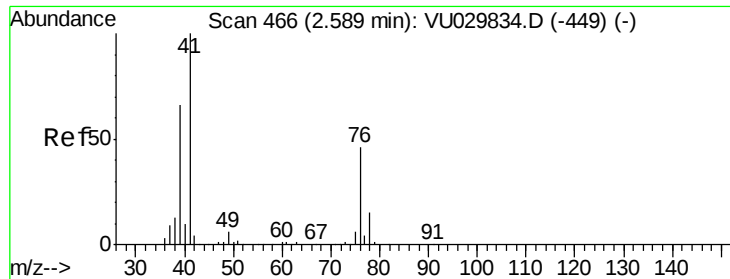
127 40.6 32.3 48.5



Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

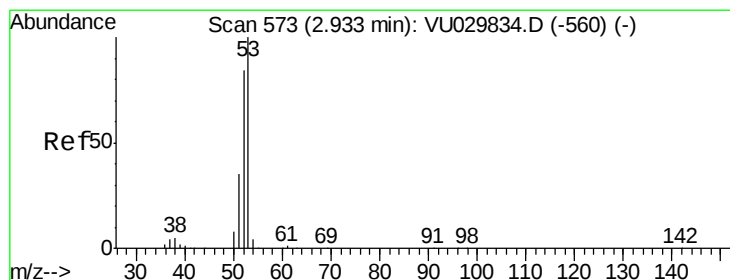
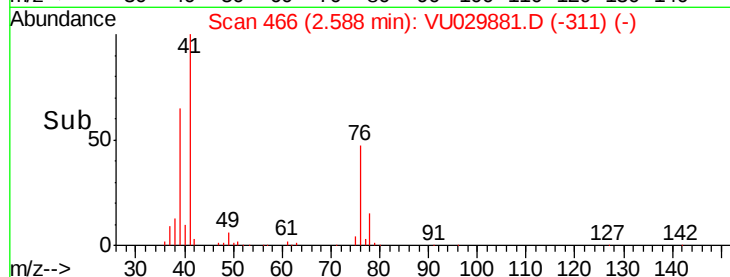
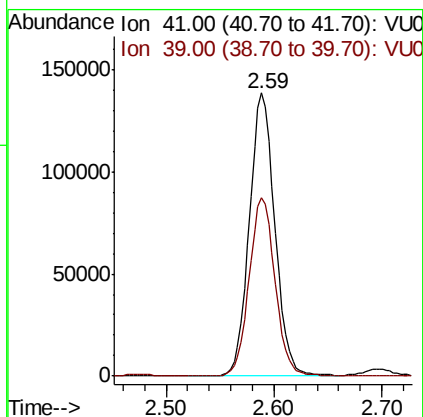
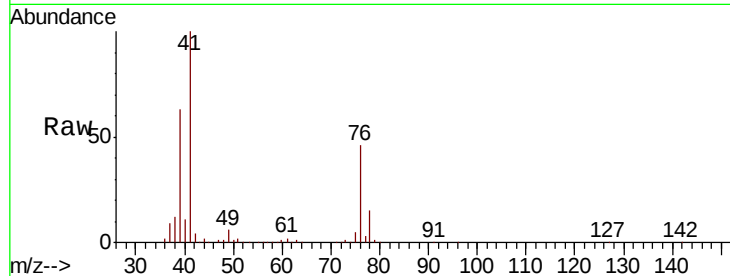




#11
 Allyl Chloride
 Concen: 10.264 ug/l
 RT: 2.59 min Scan# 466
 Delta R.T. -0.00 min
 Lab File: VU029881.D
 Acq: 08 Mar 2019 11:58

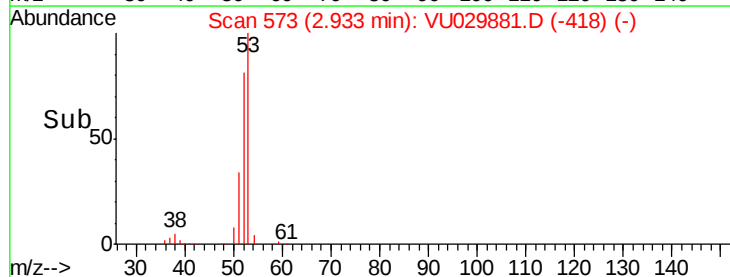
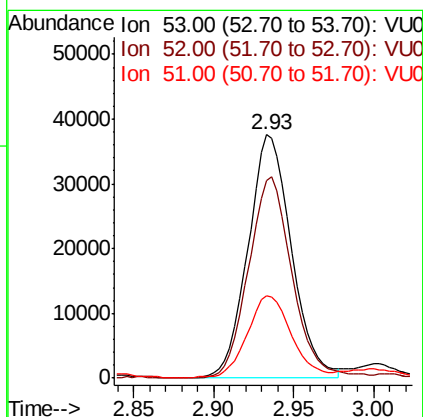
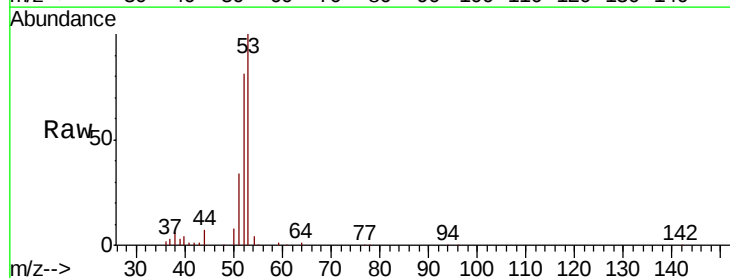
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

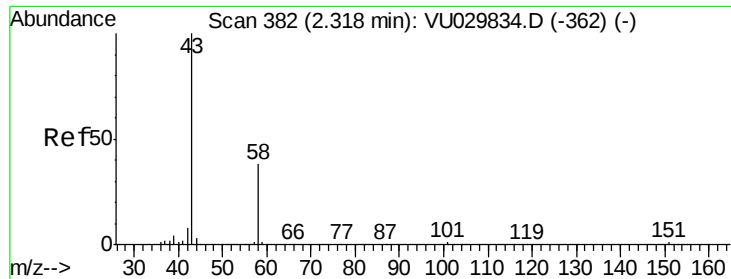
Tgt Ion: 41 Resp: 225618
 Ion Ratio Lower Upper
 41 100
 39 64.0 51.6 77.4



#12
 Acrylonitrile
 Concen: 20.624 ug/l
 RT: 2.93 min Scan# 573
 Delta R.T. -0.00 min
 Lab File: VU029881.D
 Acq: 08 Mar 2019 11:58

Tgt Ion: 53 Resp: 70316
 Ion Ratio Lower Upper
 53 100
 52 83.0 66.5 99.7
 51 33.8 28.6 42.8





#13

Acetone

Concen: 48.339 ug/l

RT: 2.32 min Scan# 382

Delta R.T. -0.00 min

Lab File: VU029881.D

Acq: 08 Mar 2019 11:58

Instrument :

MSVOA_U

ClientSampleId :

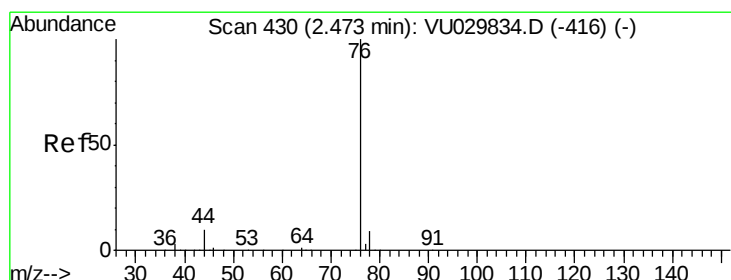
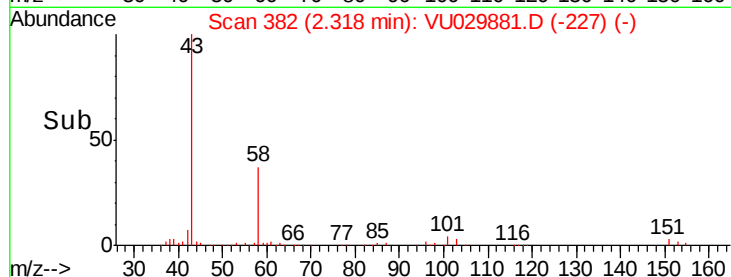
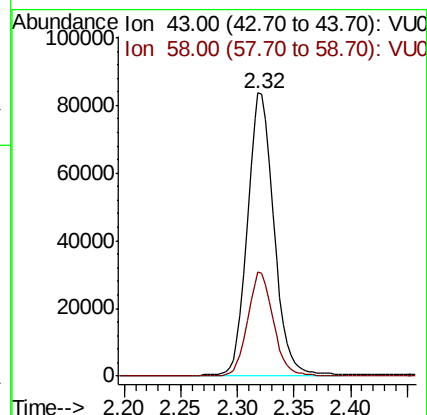
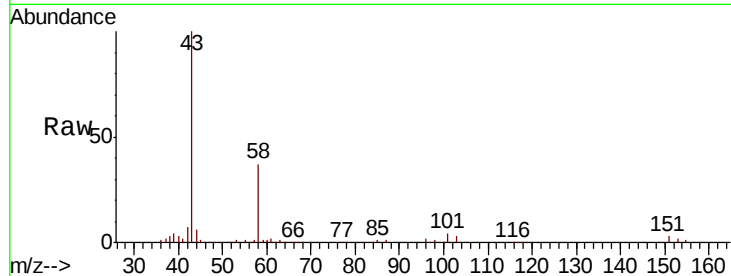
VSTDCCC010EC

Tgt Ion: 43 Resp: 136495

Ion Ratio Lower Upper

43 100

58 36.8 30.2 45.2



#14

Carbon Disulfide

Concen: 9.806 ug/l

RT: 2.47 min Scan# 430

Delta R.T. -0.00 min

Lab File: VU029881.D

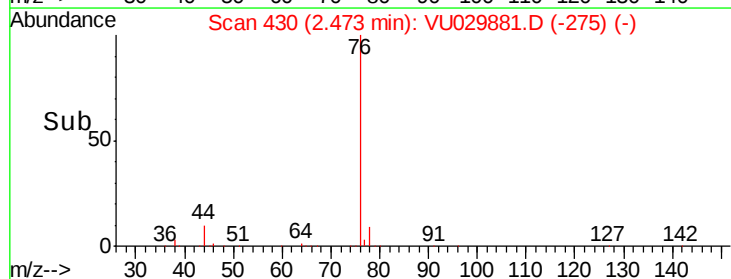
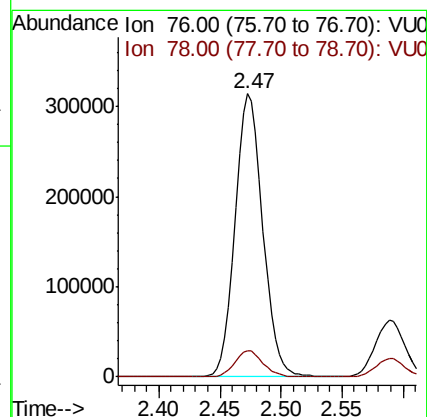
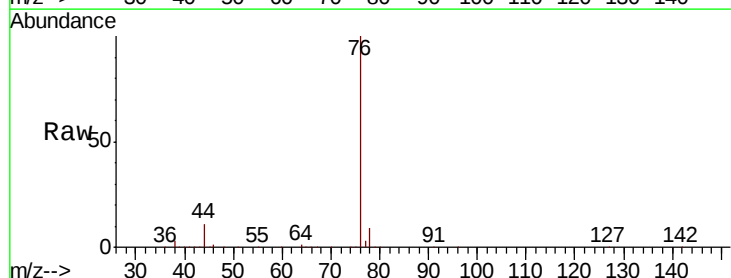
Acq: 08 Mar 2019 11:58

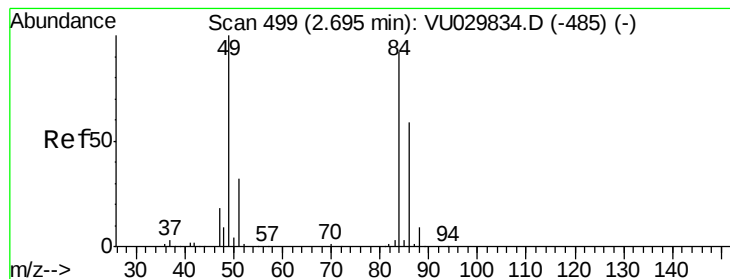
Tgt Ion: 76 Resp: 496573

Ion Ratio Lower Upper

76 100

78 9.3 7.2 10.8





#15

Methylene Chloride

Concen: 9.735 ug/l

RT: 2.70 min Scan# 500

Delta R.T. 0.00 min

Lab File: VU029881.D

Acq: 08 Mar 2019 11:58

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 84 Resp: 182662

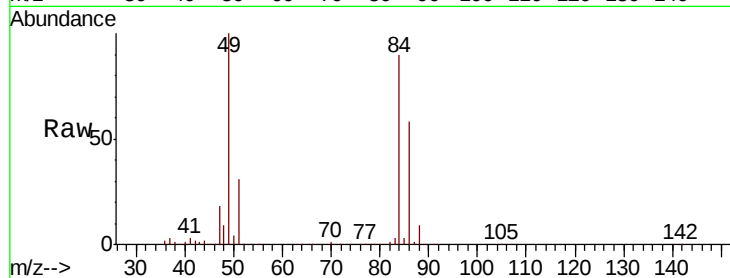
Ion Ratio Lower Upper

84 100

49 110.6 87.2 130.8

51 34.6 0.0 69.0

86 64.6 51.3 76.9

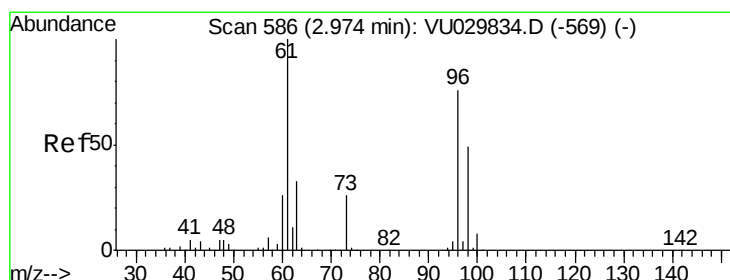
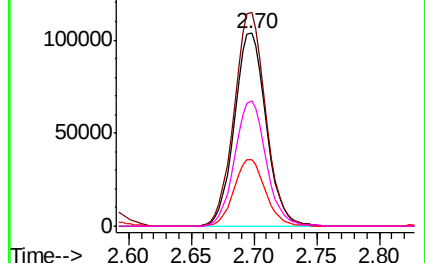
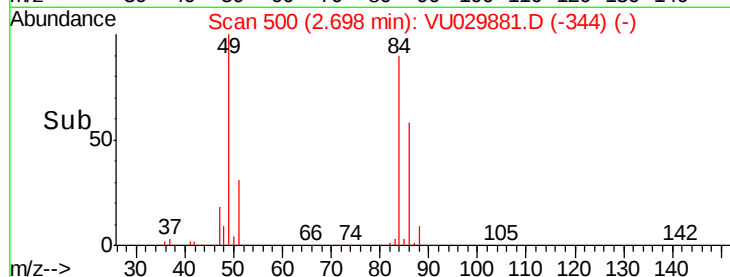


Abundance Ion 84.00 (83.70 to 84.70): VU0

Ion 49.00 (48.70 to 49.70): VU0

Ion 51.00 (50.70 to 51.70): VU0

Ion 86.00 (85.70 to 86.70): VU0



#16

trans-1,2-Dichloroethene

Concen: 10.081 ug/l

RT: 2.97 min Scan# 586

Delta R.T. -0.00 min

Lab File: VU029881.D

Acq: 08 Mar 2019 11:58

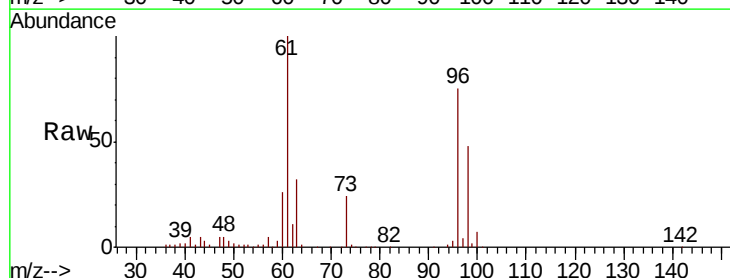
Tgt Ion: 96 Resp: 178055

Ion Ratio Lower Upper

96 100

61 133.3 104.7 157.1

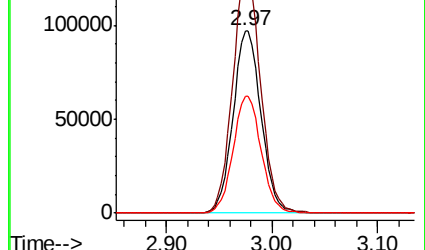
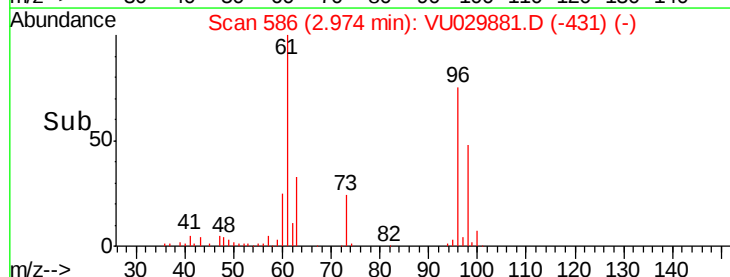
98 64.4 50.9 76.3

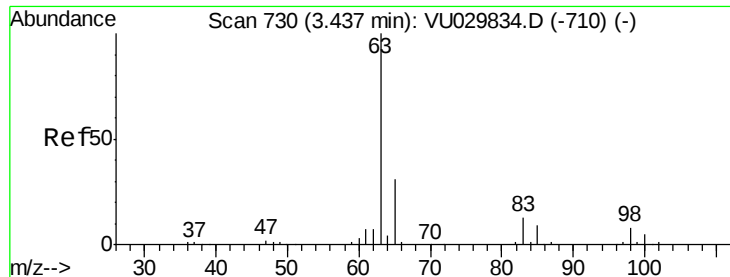


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

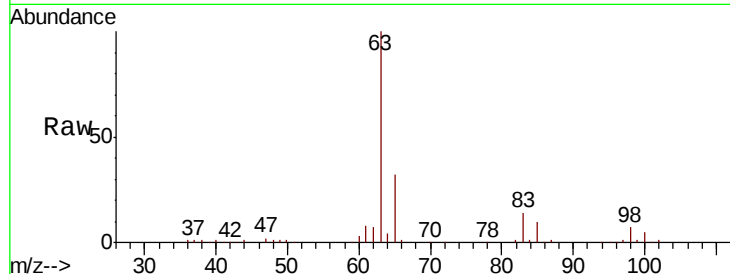




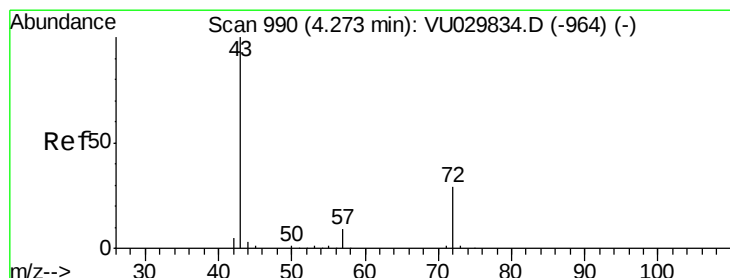
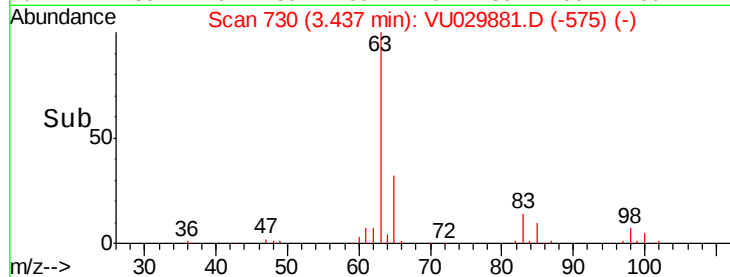
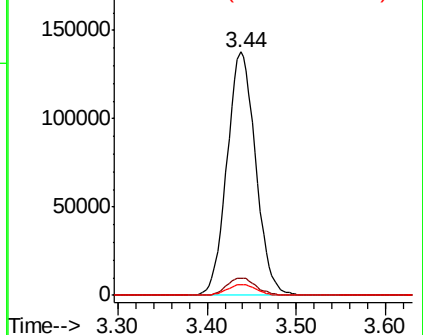
#17
 1,1-Dichloroethane
 Concen: 10.369 ug/l
 RT: 3.44 min Scan# 730
 Delta R.T. -0.00 min
 Lab File: VU029881.D
 Acq: 08 Mar 2019 11:58

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion: 63 Resp: 306445
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.8 11.4
 100 4.6 2.4 7.1

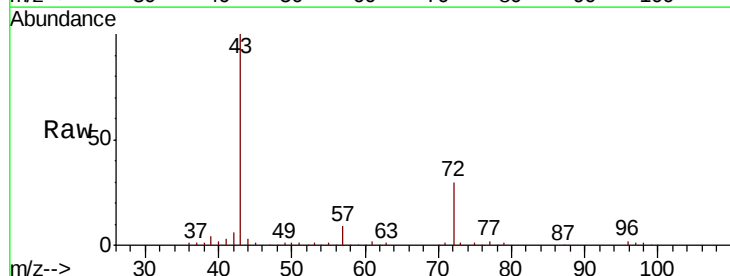


Abundance Ion 63.00 (62.70 to 63.70): VU0
 Ion 98.00 (97.70 to 98.70): VU0
 Ion 100.00 (99.70 to 100.70): VU0

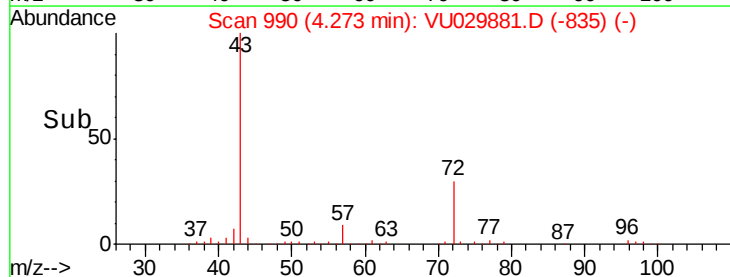
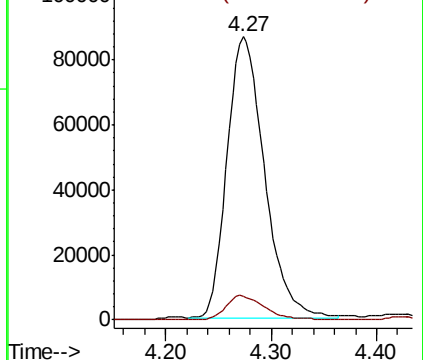


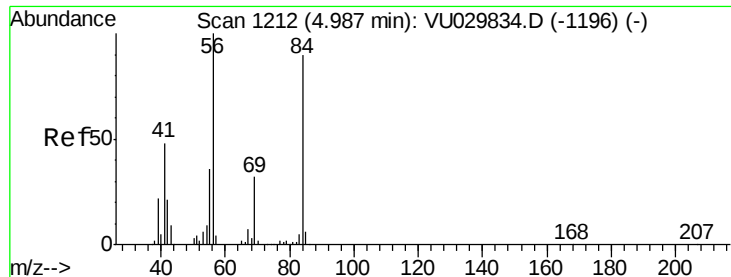
#18
 2-Butanone
 Concen: 55.236 ug/l
 RT: 4.27 min Scan# 990
 Delta R.T. -0.00 min
 Lab File: VU029881.D
 Acq: 08 Mar 2019 11:58

Tgt Ion: 43 Resp: 211965
 Ion Ratio Lower Upper
 43 100
 57 8.4 0.0 18.6



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

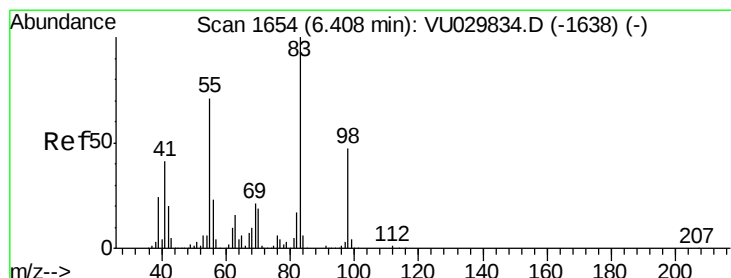
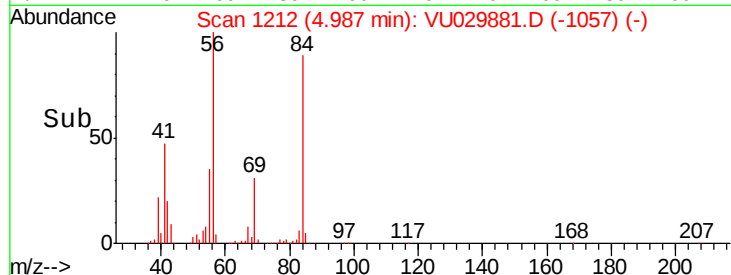
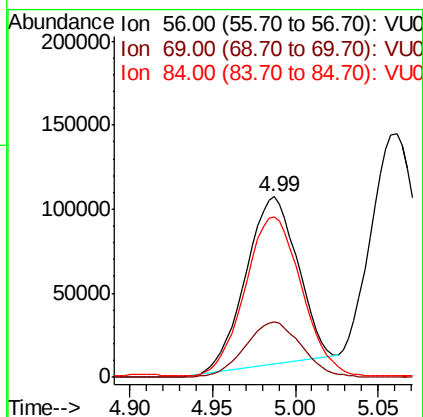
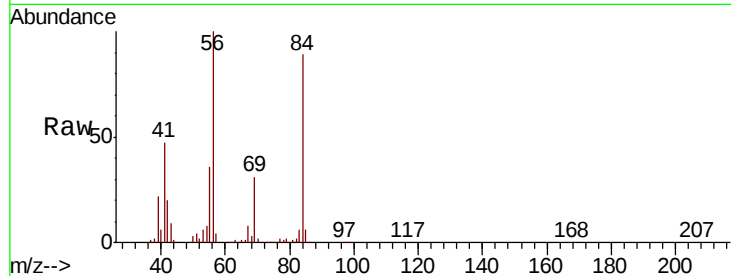




#19
Cyclohexane
Concen: 9.468 ug/l
RT: 4.99 min Scan# 1212
Delta R.T. -0.00 min
Lab File: VU029881.D
Acq: 08 Mar 2019 11:58

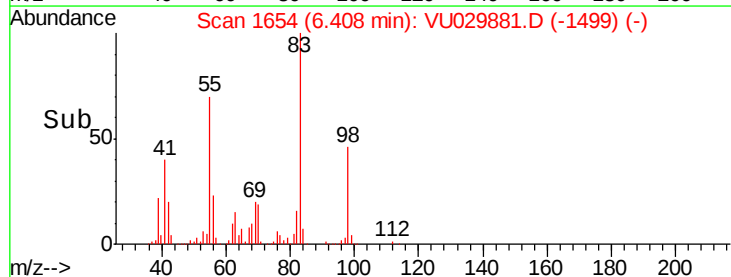
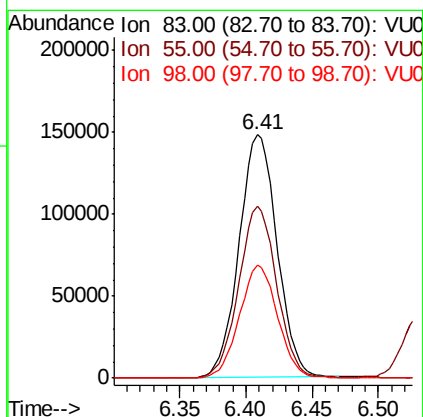
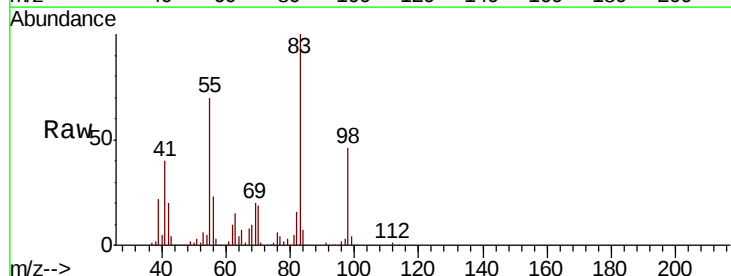
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

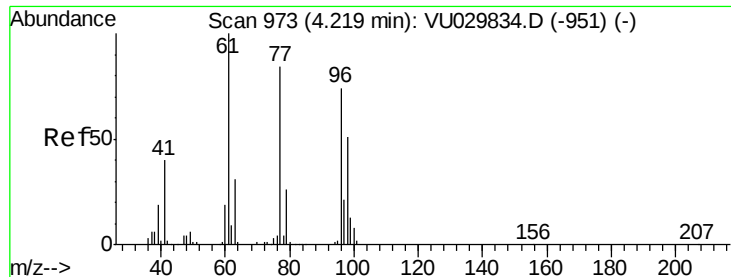
Tgt Ion: 56 Resp: 217249
Ion Ratio Lower Upper
56 100
69 35.8 29.4 44.2
84 103.7 84.6 127.0



#20
Methylcyclohexane
Concen: 11.047 ug/l
RT: 6.41 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VU029881.D
Acq: 08 Mar 2019 11:58

Tgt Ion: 83 Resp: 295235
Ion Ratio Lower Upper
83 100
55 70.4 55.9 83.9
98 46.5 37.0 55.4





#21

2,2-Dichloropropane

Concen: 10.222 ug/l

RT: 4.22 min Scan# 974

Delta R.T. 0.00 min

Lab File: VU029881.D

Acq: 08 Mar 2019 11:58

Instrument :

MSVOA_U

ClientSampleId :

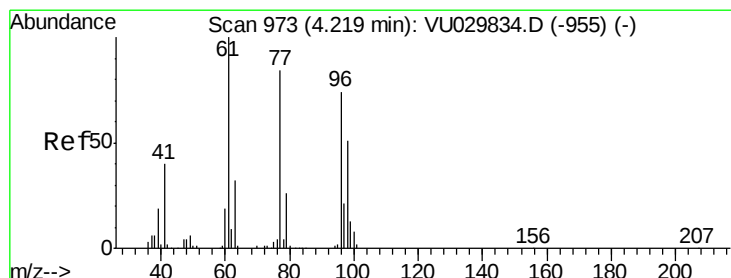
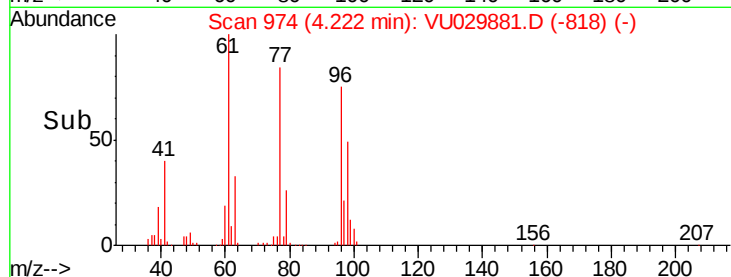
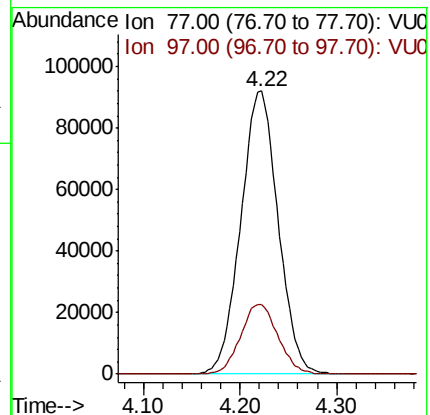
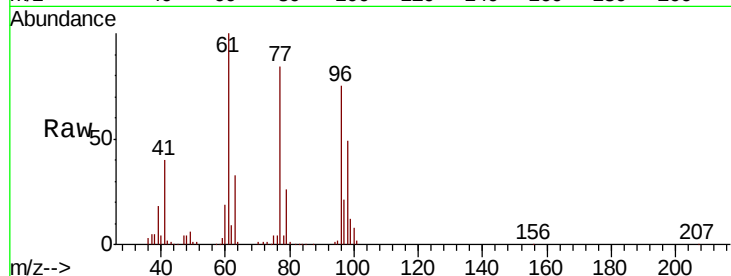
VSTDCCC010EC

Tgt Ion: 77 Resp: 246918

Ion Ratio Lower Upper

77 100

97 24.7 20.2 30.2



#22

cis-1,2-Dichloroethene

Concen: 10.906 ug/l

RT: 4.22 min Scan# 973

Delta R.T. -0.00 min

Lab File: VU029881.D

Acq: 08 Mar 2019 11:58

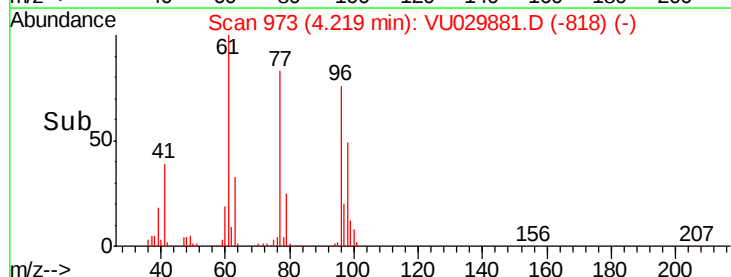
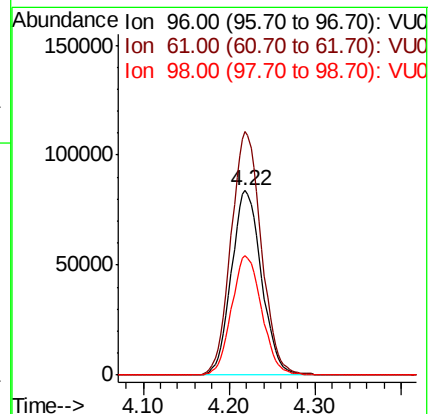
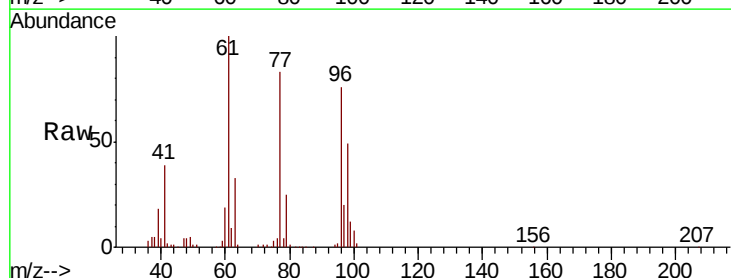
Tgt Ion: 96 Resp: 204156

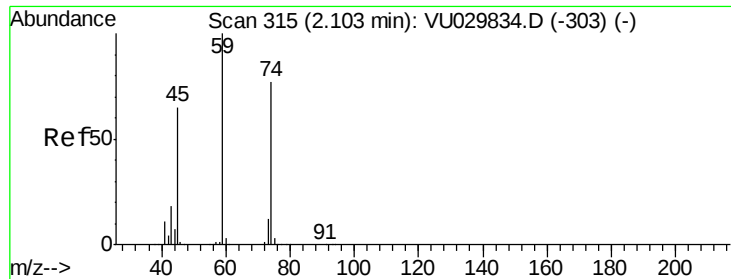
Ion Ratio Lower Upper

96 100

61 133.0 0.0 339.0

98 64.6 33.1 99.5

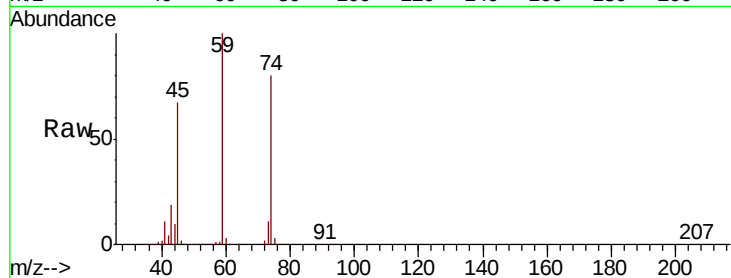




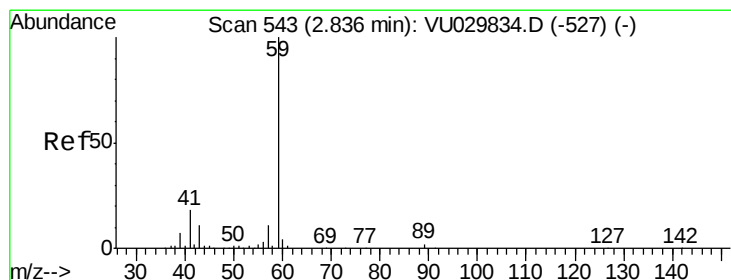
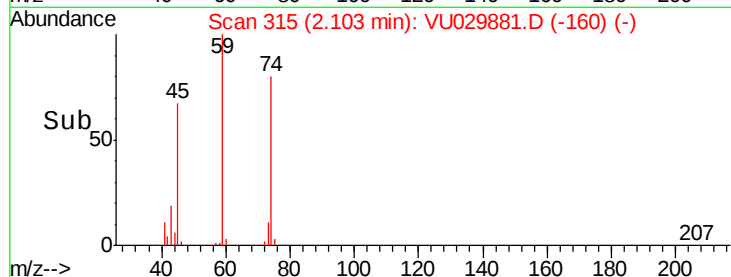
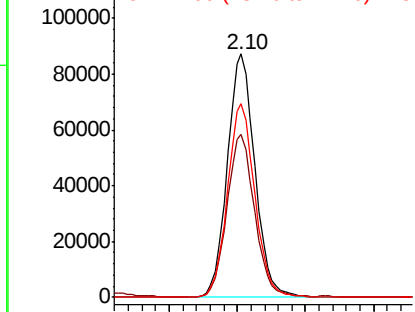
#23
Diethyl Ether
Concen: 10.420 ug/l
RT: 2.10 min Scan# 315
Delta R.T. -0.00 min
Lab File: VU029881.D
Acq: 08 Mar 2019 11:58

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 59 Resp: 122155
Ion Ratio Lower Upper
59 100
45 66.6 52.7 79.1
74 79.3 61.8 92.6

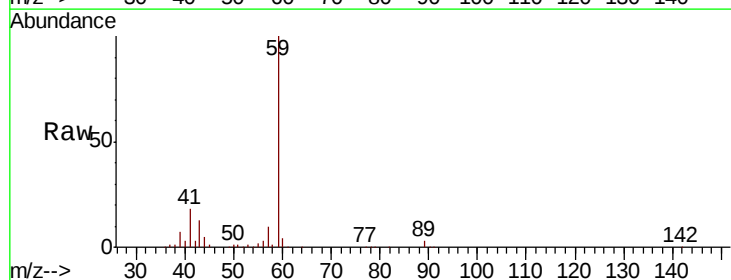


Abundance Ion 59.00 (58.70 to 59.70): VU0
Ion 45.00 (44.70 to 45.70): VU0
Ion 74.00 (73.70 to 74.70): VU0

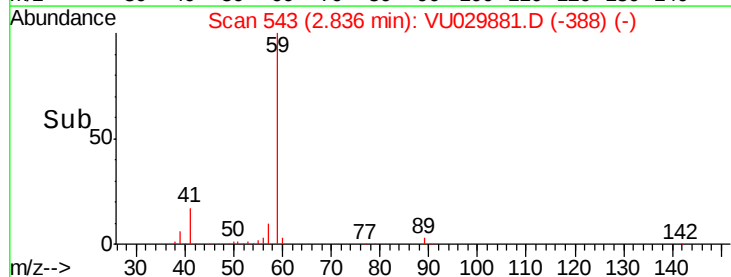
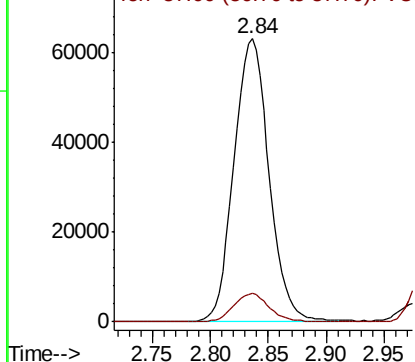


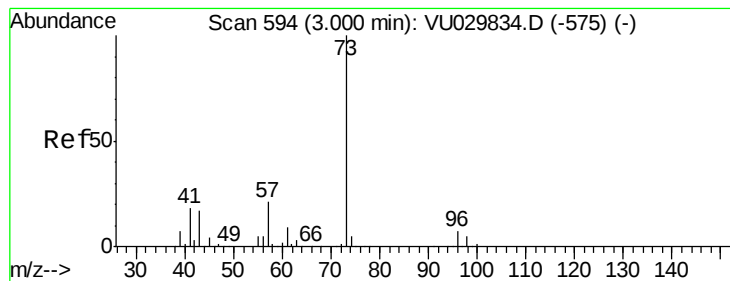
#24
tert-Butyl Alcohol
Concen: 109.606 ug/l
RT: 2.84 min Scan# 543
Delta R.T. -0.00 min
Lab File: VU029881.D
Acq: 08 Mar 2019 11:58

Tgt Ion: 59 Resp: 132539
Ion Ratio Lower Upper
59 100
57 10.1 8.5 12.7



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



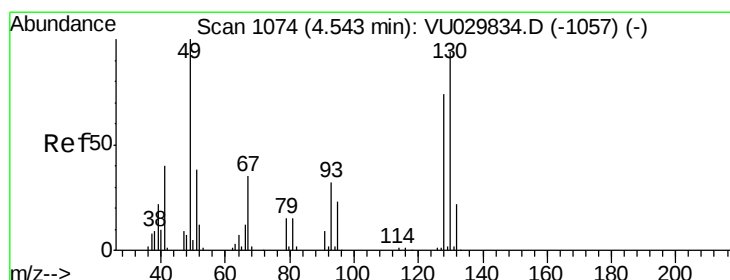
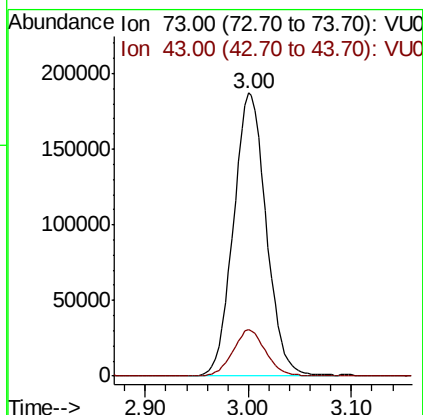
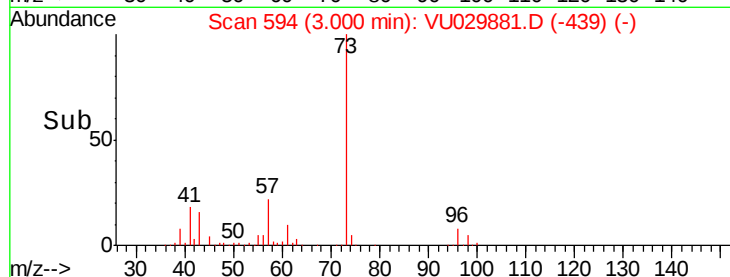
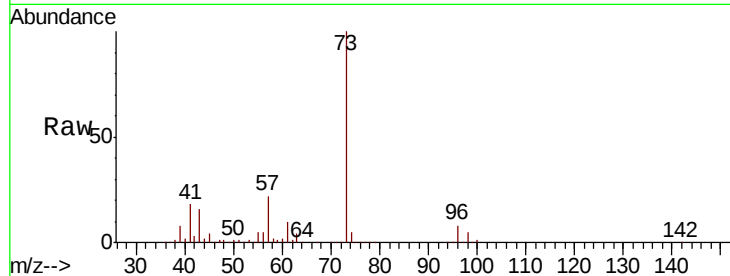


#25

Methyl tert-Butyl Ether
 Concen: 10.511 ug/l
 RT: 3.00 min Scan# 594
 Delta R.T. -0.00 min
 Lab File: VU029881.D
 Acq: 08 Mar 2019 11:58

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

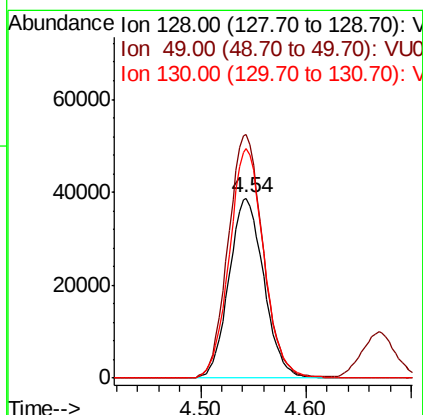
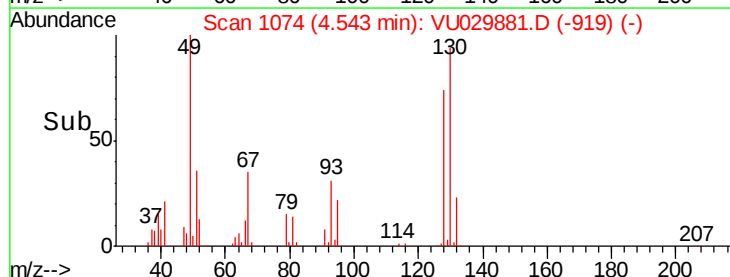
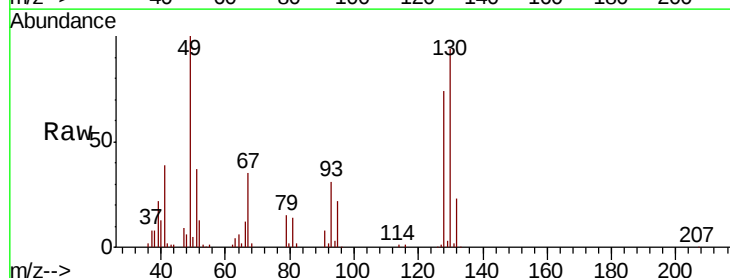
Tgt Ion: 73 Resp: 413856
 Ion Ratio Lower Upper
 73 100
 43 16.2 13.1 19.7

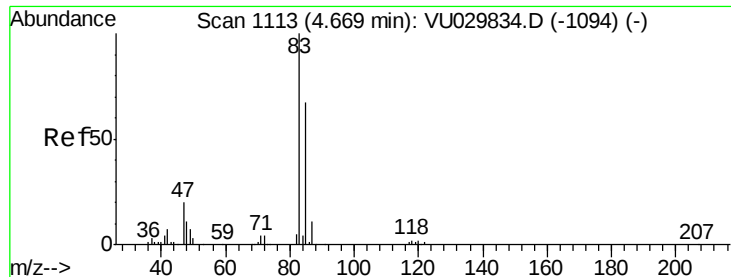


#26

Bromochloromethane
 Concen: 10.611 ug/l
 RT: 4.54 min Scan# 1074
 Delta R.T. -0.00 min
 Lab File: VU029881.D
 Acq: 08 Mar 2019 11:58

Tgt Ion: 128 Resp: 88182
 Ion Ratio Lower Upper
 128 100
 49 135.9 0.0 270.6
 130 127.0 104.2 156.4

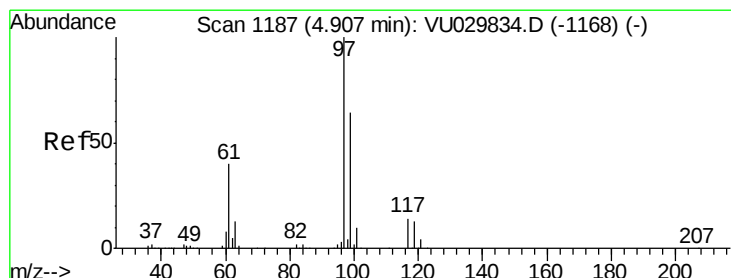
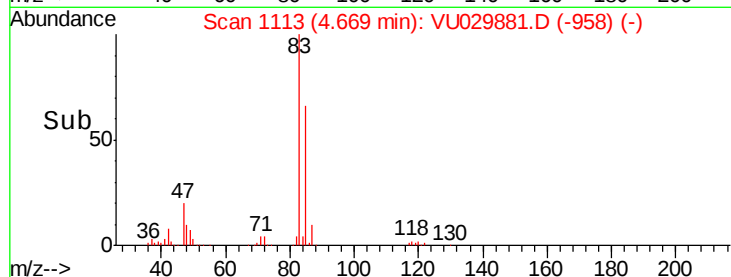
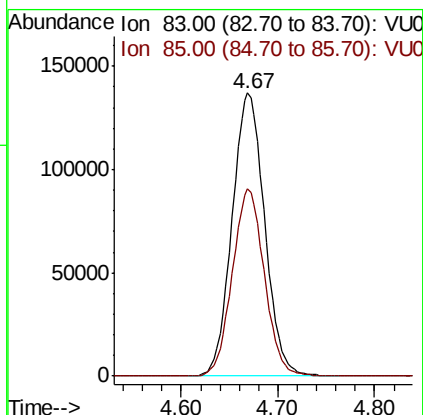
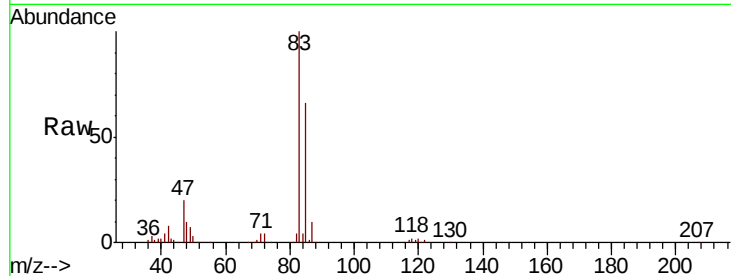




#27
Chloroform
Concen: 10.685 ug/l
RT: 4.67 min Scan# 1113
Delta R.T. -0.00 min
Lab File: VU029881.D
Acq: 08 Mar 2019 11:58

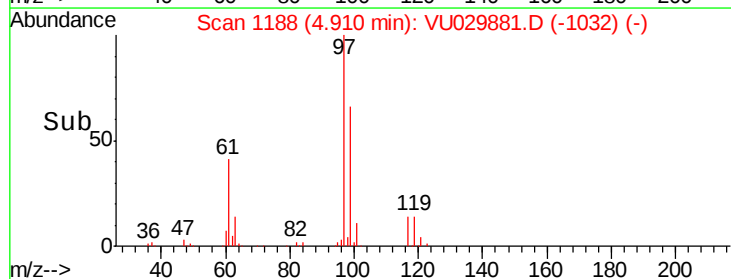
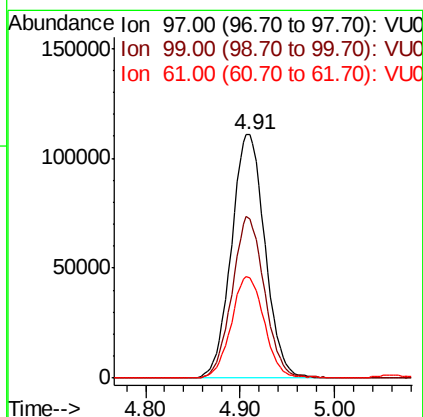
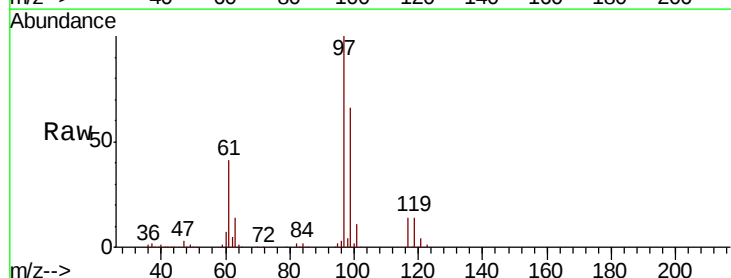
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

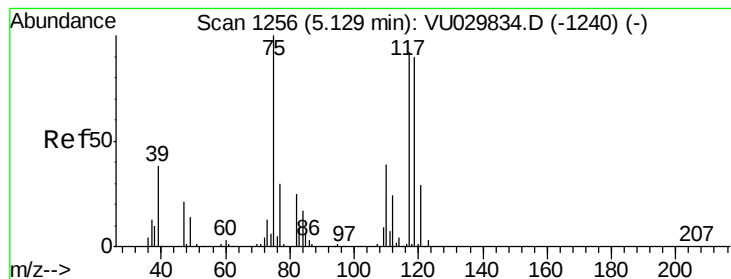
Tgt Ion: 83 Resp: 319771
Ion Ratio Lower Upper
83 100
85 66.0 0.0 133.2



#28
1,1,1-Trichloroethane
Concen: 10.773 ug/l
RT: 4.91 min Scan# 1188
Delta R.T. 0.00 min
Lab File: VU029881.D
Acq: 08 Mar 2019 11:58

Tgt Ion: 97 Resp: 273353
Ion Ratio Lower Upper
97 100
99 63.9 31.9 95.9
61 40.9 20.4 61.3





#29

1,1-Dichloropropene

Concen: 10.592 ug/l

RT: 5.13 min Scan# 1256

Delta R.T. -0.00 min

Lab File: VU029881.D

Acq: 08 Mar 2019 11:58

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

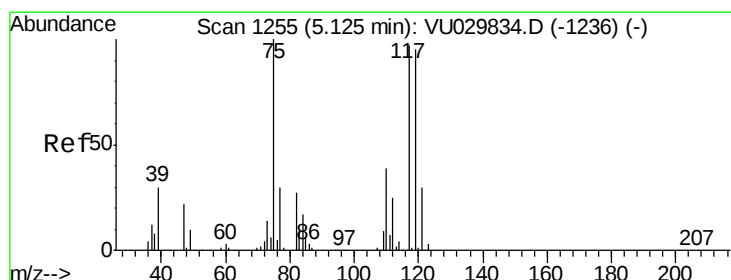
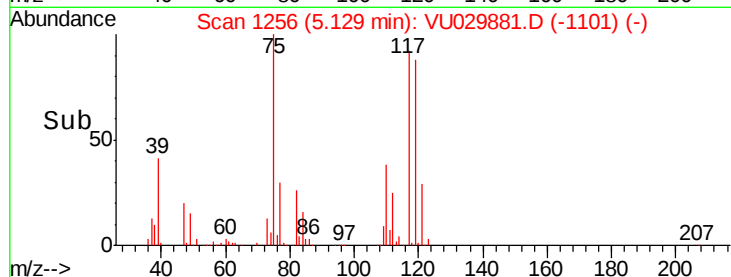
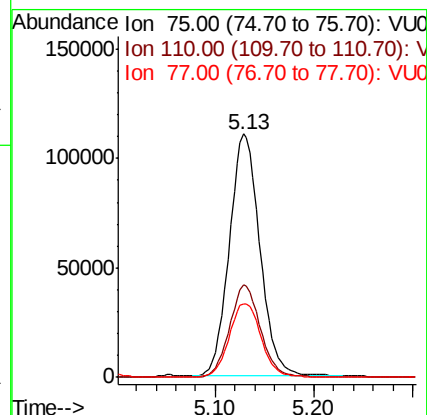
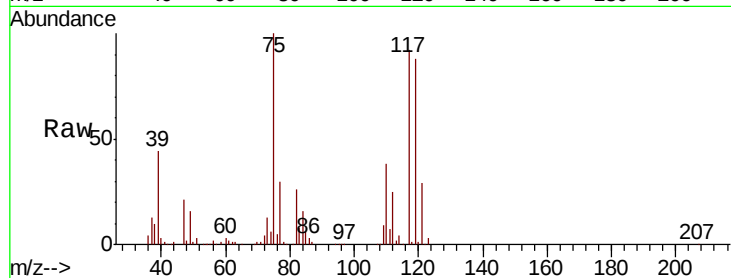
Tgt Ion: 75 Resp: 238845

Ion Ratio Lower Upper

75 100

110 38.6 19.1 57.5

77 31.4 23.9 35.9



#30

Carbon Tetrachloride

Concen: 10.733 ug/l

RT: 5.13 min Scan# 1256

Delta R.T. 0.00 min

Lab File: VU029881.D

Acq: 08 Mar 2019 11:58

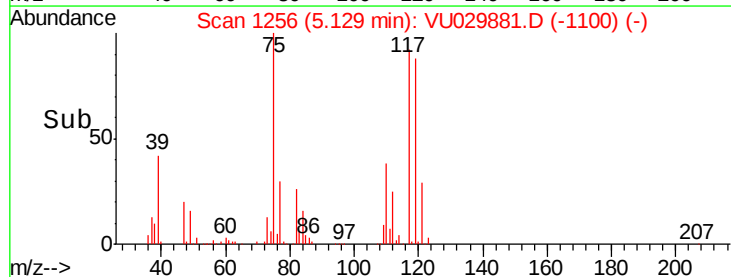
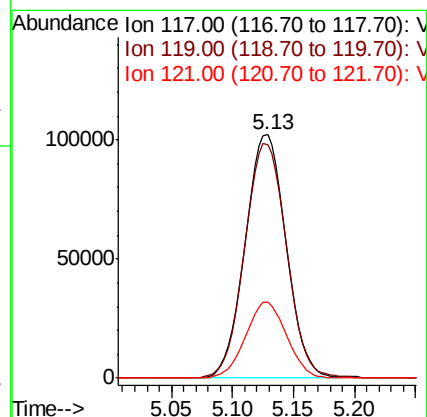
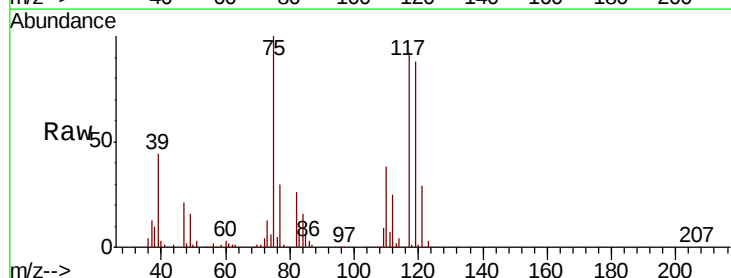
Tgt Ion: 117 Resp: 237592

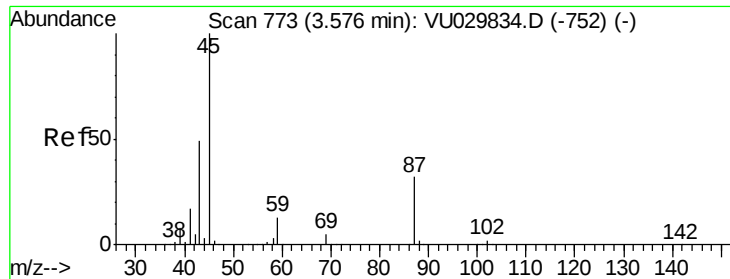
Ion Ratio Lower Upper

117 100

119 96.0 78.4 117.6

121 31.1 25.0 37.4





#31

Isopropyl Ether

Concen: 10.825 ug/l

RT: 3.58 min Scan# 773

Delta R.T. -0.00 min

Lab File: VU029881.D

Acq: 08 Mar 2019 11:58

Instrument :

MSVOA_U

ClientSampleId :

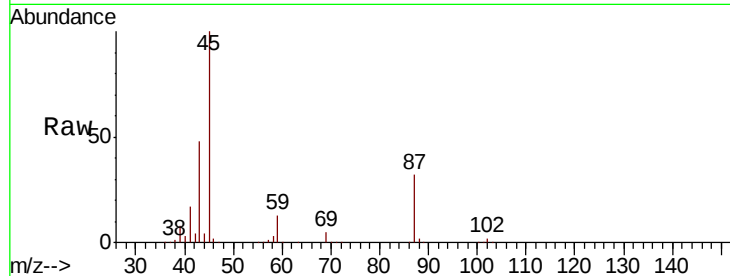
VSTDCCC010EC

Tgt Ion: 45 Resp: 441243

Ion Ratio Lower Upper

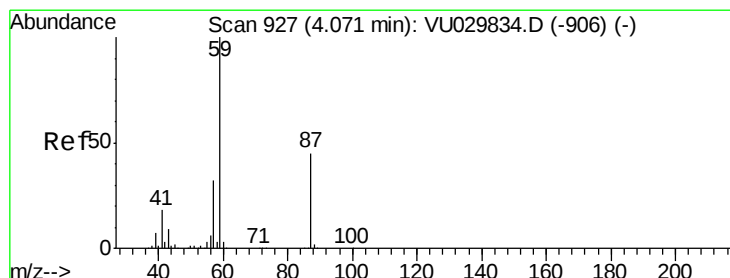
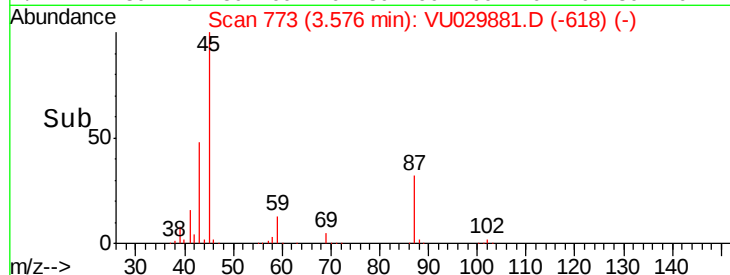
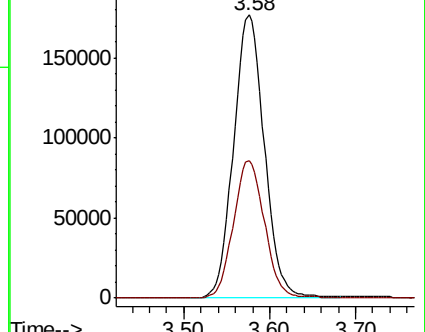
45 100

43 49.1 24.3 72.9



Abundance Ion 45.00 (44.70 to 45.70): VU029881.D (-618) (-)

Ion 43.00 (42.70 to 43.70): VU029881.D (-618) (-)



#32

Ethyl-t-butyl ether

Concen: 10.959 ug/l

RT: 4.07 min Scan# 927

Delta R.T. -0.00 min

Lab File: VU029881.D

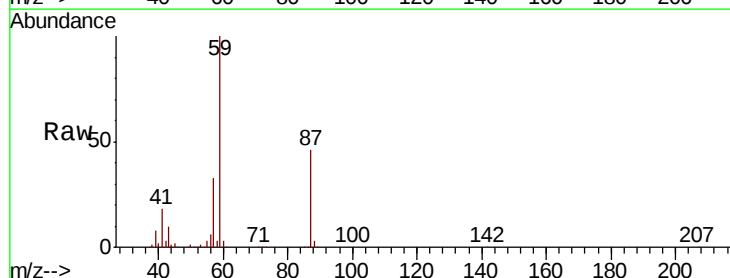
Acq: 08 Mar 2019 11:58

Tgt Ion: 59 Resp: 434207

Ion Ratio Lower Upper

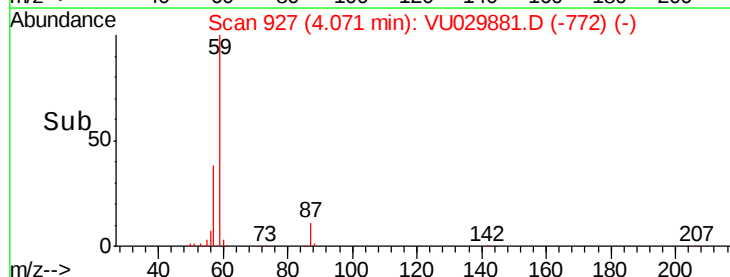
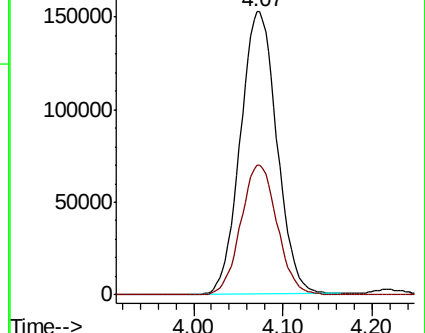
59 100

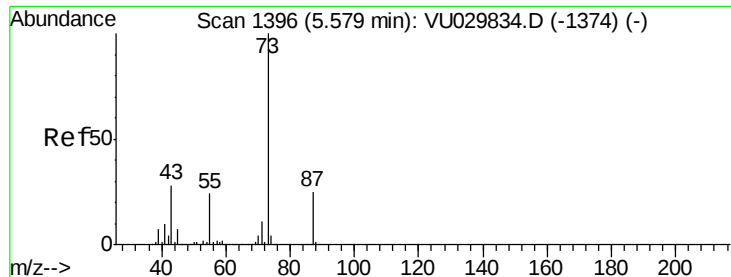
87 45.4 36.2 54.4



Abundance Ion 59.00 (58.70 to 59.70): VU029881.D (-772) (-)

Ion 87.00 (86.70 to 87.70): VU029881.D (-772) (-)



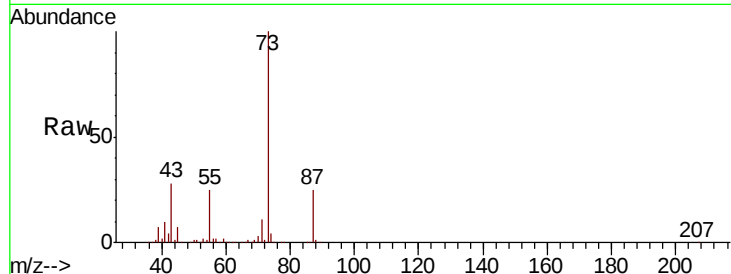


#33

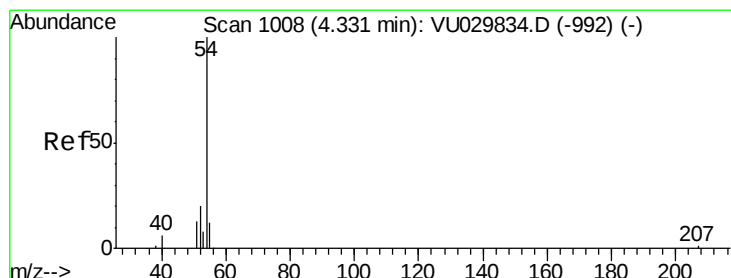
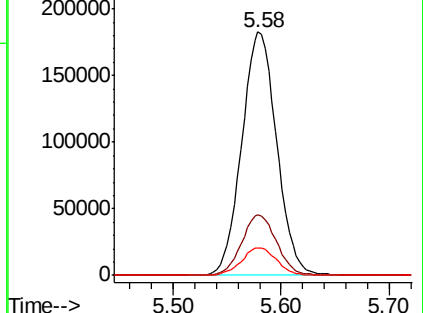
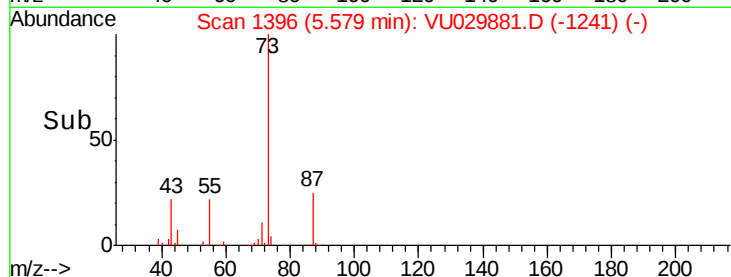
Tert-Amyl methyl ether
 Concen: 11.143 ug/l
 RT: 5.58 min Scan# 1396
 Delta R.T. -0.00 min
 Lab File: VU029881.D
 Acq: 08 Mar 2019 11:58

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion: 73 Resp: 408273
 Ion Ratio Lower Upper
 73 100
 87 25.0 19.7 29.5
 71 11.4 9.4 14.2



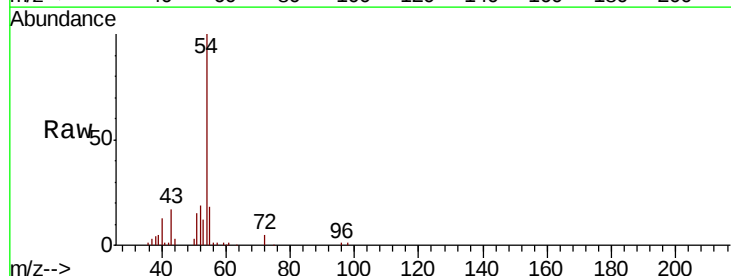
Abundance Ion 73.00 (72.70 to 73.70): VU0
 Ion 87.00 (86.70 to 87.70): VU0
 Ion 71.00 (70.70 to 71.70): VU0



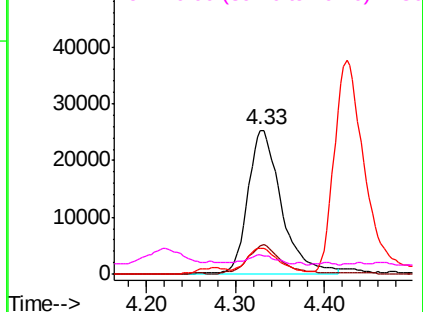
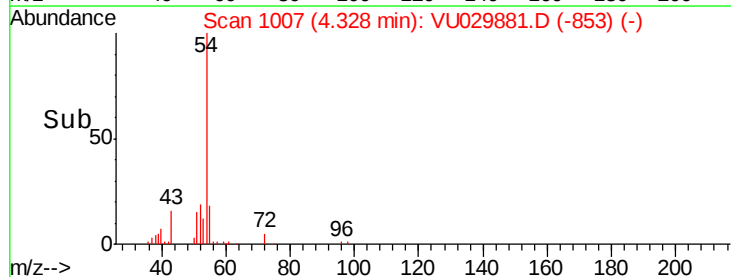
#34

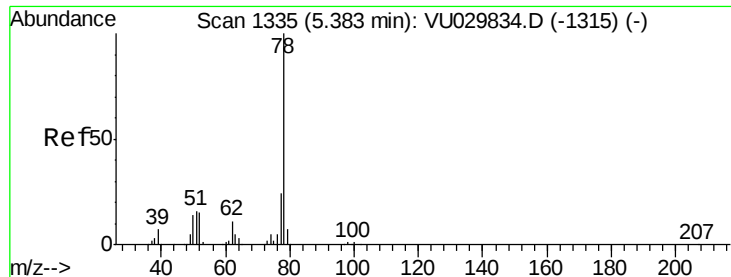
Propionitrile
 Concen: 58.102 ug/l
 RT: 4.33 min Scan# 1007
 Delta R.T. -0.00 min
 Lab File: VU029881.D
 Acq: 08 Mar 2019 11:58

Tgt Ion: 54 Resp: 66324
 Ion Ratio Lower Upper
 54 100
 52 20.6 16.1 24.1
 55 15.2 11.2 16.8
 40 4.9 4.7 7.1



Abundance Ion 54.00 (53.70 to 54.70): VU0
 Ion 52.00 (51.70 to 52.70): VU0
 Ion 55.00 (54.70 to 55.70): VU0
 Ion 40.00 (39.70 to 40.70): VU0





#35

Benzene

Concen: 10.694 ug/l

RT: 5.38 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VU029881.D

Acq: 08 Mar 2019 11:58

Instrument :

MSVOA_U

ClientSampleId :

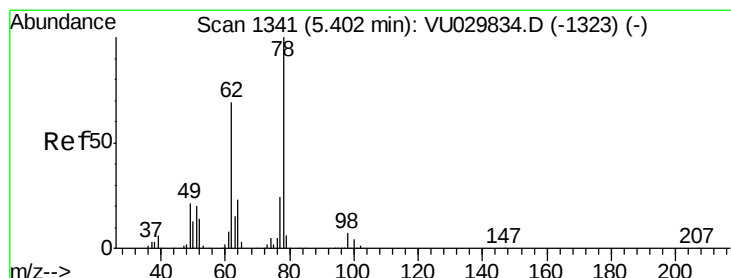
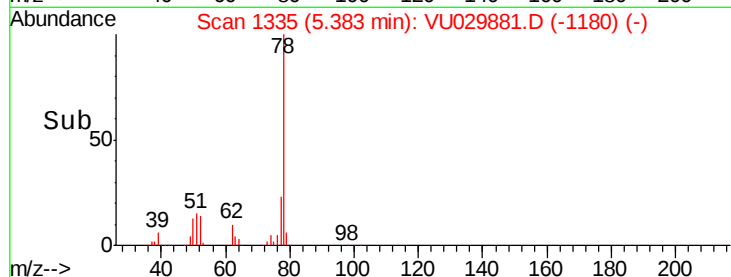
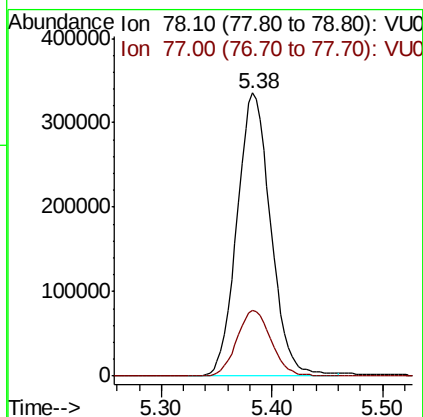
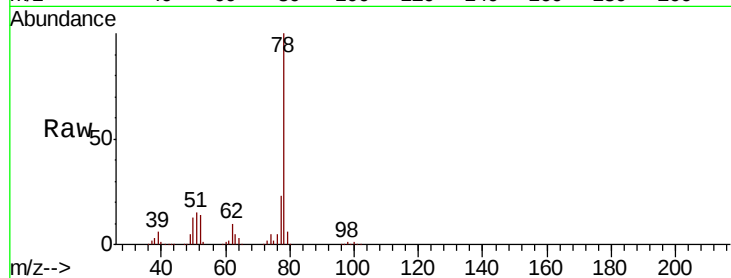
VSTDCCC010EC

Tgt Ion: 78 Resp: 710335

Ion Ratio Lower Upper

78 100

77 23.3 19.2 28.8



#36

1,2-Dichloroethane

Concen: 10.484 ug/l

RT: 5.40 min Scan# 1341

Delta R.T. -0.00 min

Lab File: VU029881.D

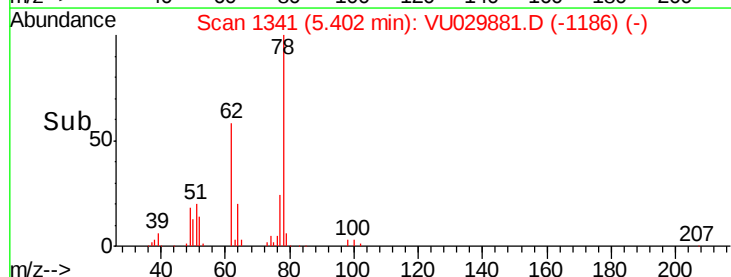
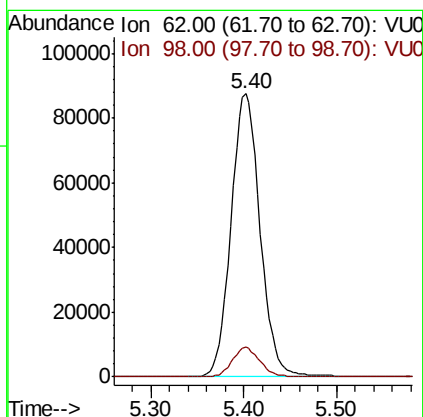
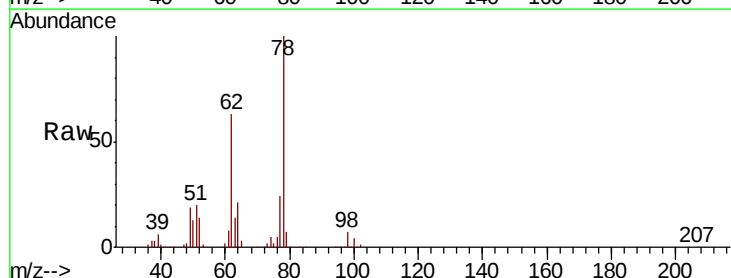
Acq: 08 Mar 2019 11:58

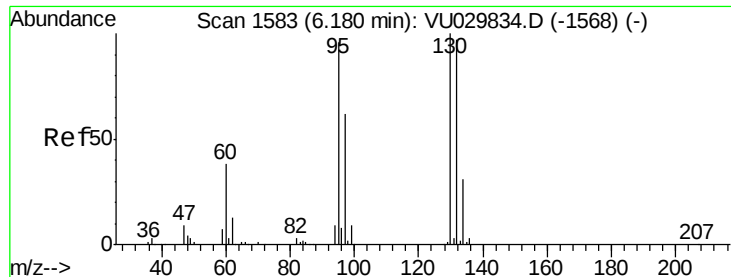
Tgt Ion: 62 Resp: 190195

Ion Ratio Lower Upper

62 100

98 9.9 8.2 12.2

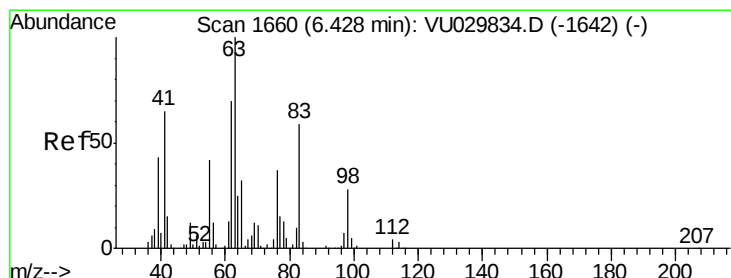
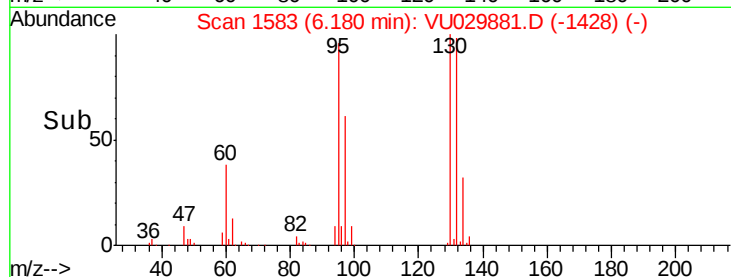
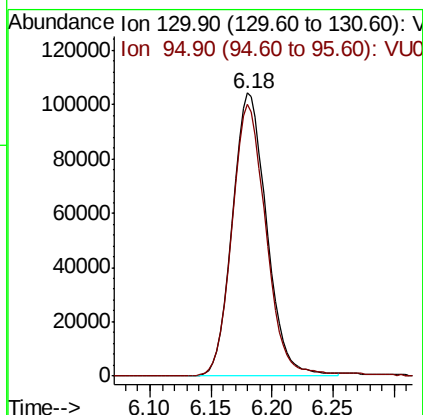
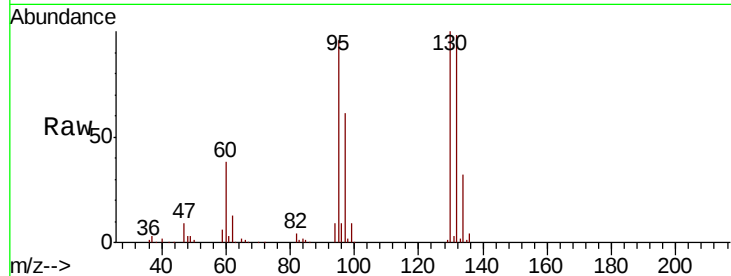




#37
 Trichloroethene
 Concen: 10.493 ug/l
 RT: 6.18 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: VU029881.D
 Acq: 08 Mar 2019 11:58

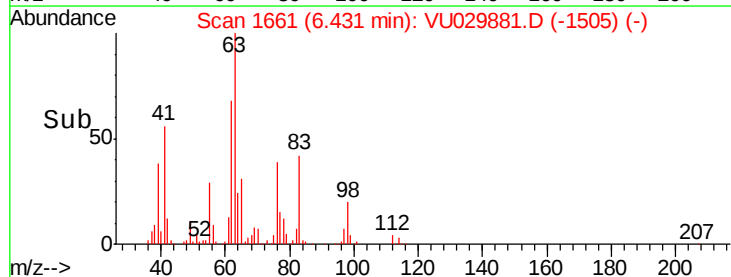
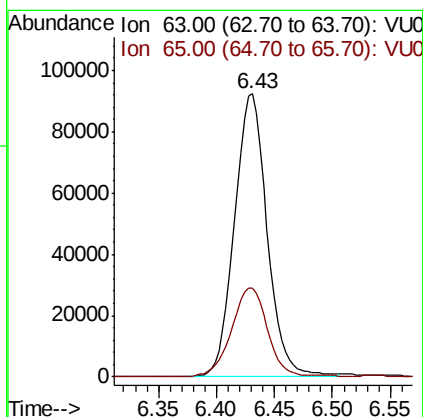
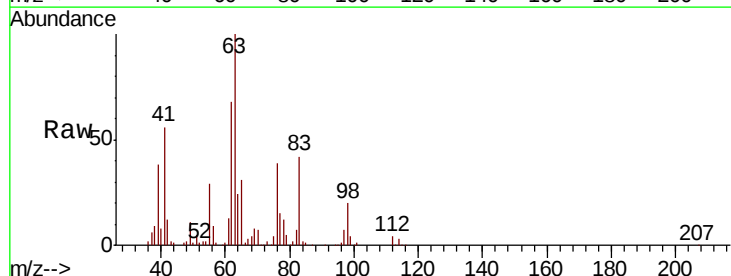
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

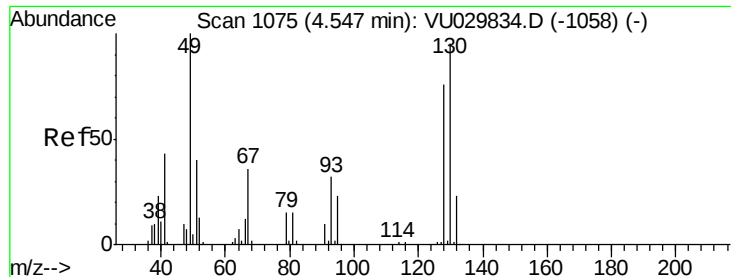
Tgt Ion:130 Resp: 203497
 Ion Ratio Lower Upper
 130 100
 95 95.9 76.6 114.8



#38
 1,2-Dichloropropane
 Concen: 10.748 ug/l
 RT: 6.43 min Scan# 1661
 Delta R.T. 0.00 min
 Lab File: VU029881.D
 Acq: 08 Mar 2019 11:58

Tgt Ion: 63 Resp: 180718
 Ion Ratio Lower Upper
 63 100
 65 31.3 25.4 38.2

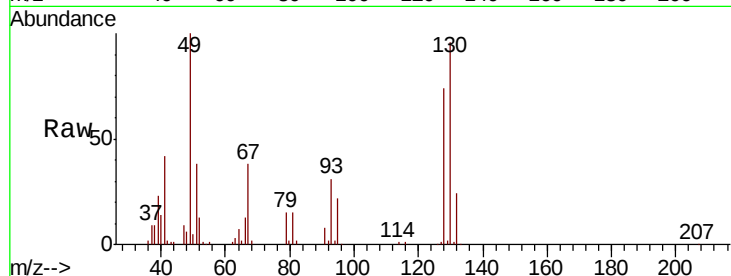




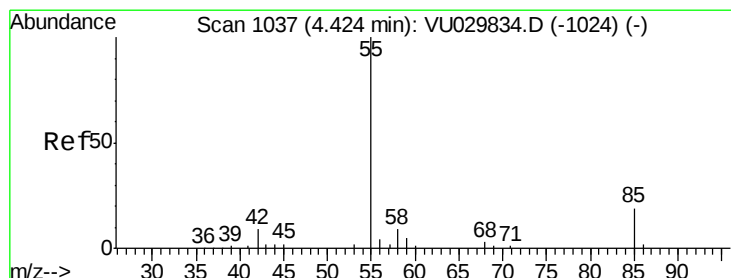
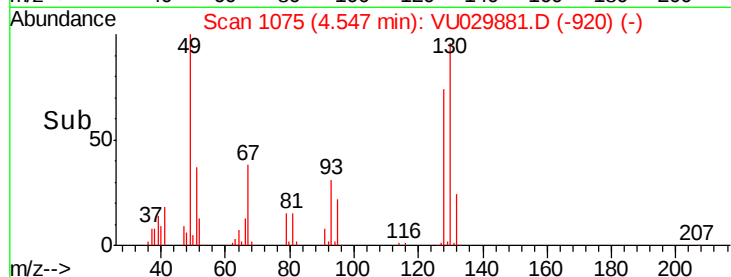
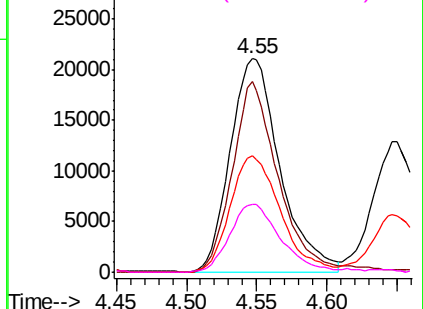
#39
Methacrylonitrile
Concen: 10.843 ug/l
RT: 4.55 min Scan# 1075
Delta R.T. -0.00 min
Lab File: VU029881.D
Acq: 08 Mar 2019 11:58

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion:	41	Resp:	52064
Ion	Ratio	Lower	Upper
41	100		
67	84.4	68.4	102.6
39	54.7	42.6	63.8
52	32.2	26.2	39.4

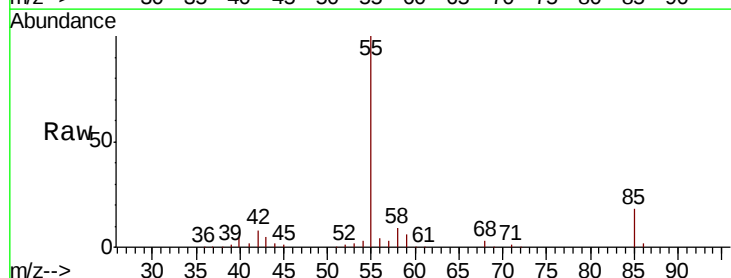


Abundance Ion 41.00 (40.70 to 41.70): VU0
Ion 67.00 (66.70 to 67.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 52.00 (51.70 to 52.70): VU0

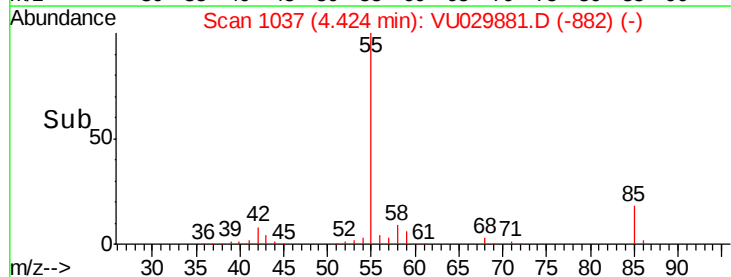
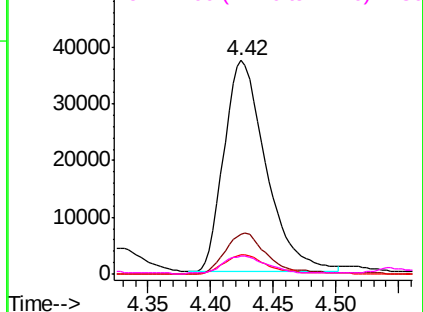


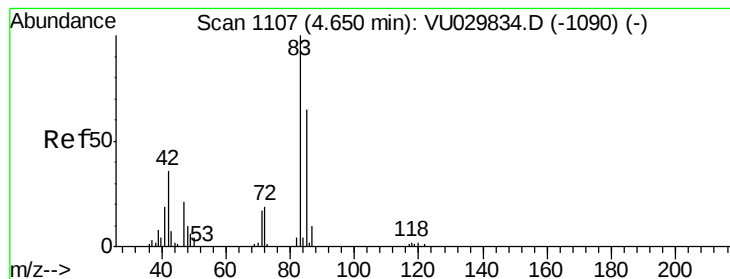
#40
Methyl acrylate
Concen: 11.501 ug/l
RT: 4.42 min Scan# 1037
Delta R.T. -0.00 min
Lab File: VU029881.D
Acq: 08 Mar 2019 11:58

Tgt Ion:	55	Resp:	87287
Ion	Ratio	Lower	Upper
55	100		
85	19.5	15.2	22.8
58	9.4	7.6	11.4
42	9.3	7.5	11.3



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





#41

Tetrahydrofuran

Concen: 20.818 ug/l

RT: 4.65 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VU029881.D

Acq: 08 Mar 2019 11:58

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

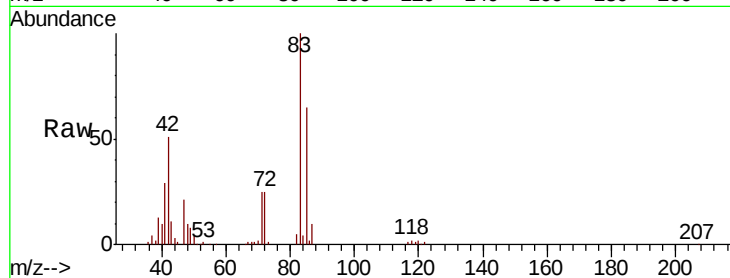
Tgt Ion: 42 Resp: 52284

Ion Ratio Lower Upper

42 100

72 54.5 43.6 65.4

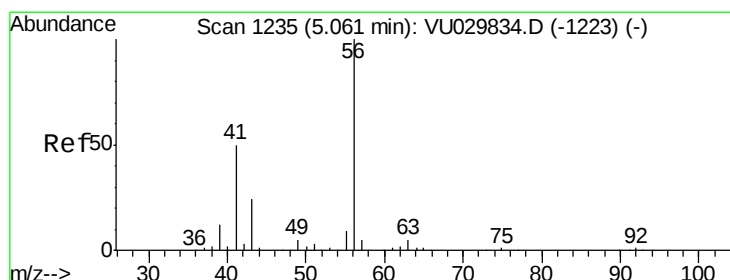
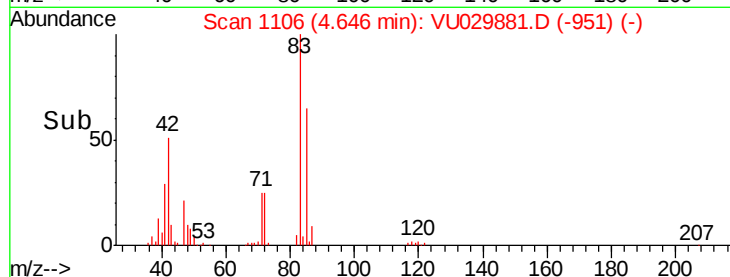
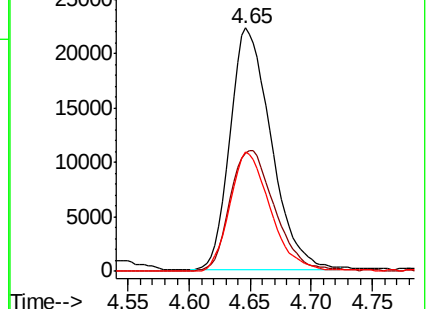
71 48.3 37.5 56.3



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: 10.998 ug/l

RT: 5.06 min Scan# 1235

Delta R.T. -0.00 min

Lab File: VU029881.D

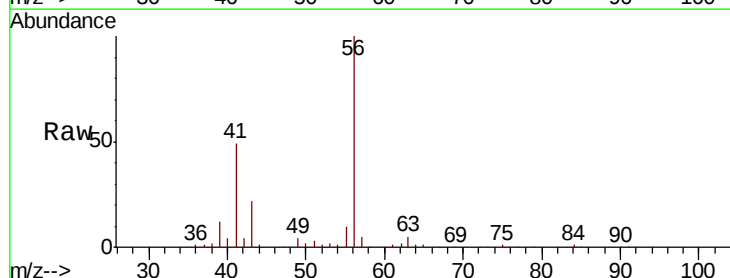
Acq: 08 Mar 2019 11:58

Tgt Ion: 56 Resp: 316809

Ion Ratio Lower Upper

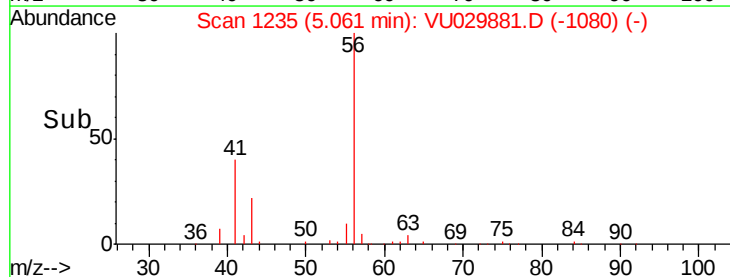
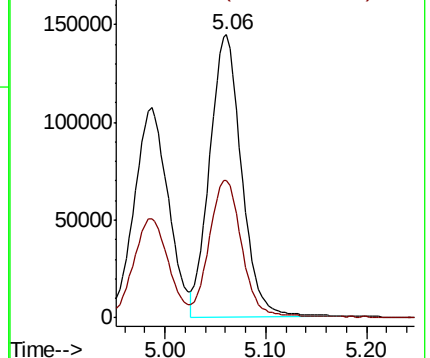
56 100

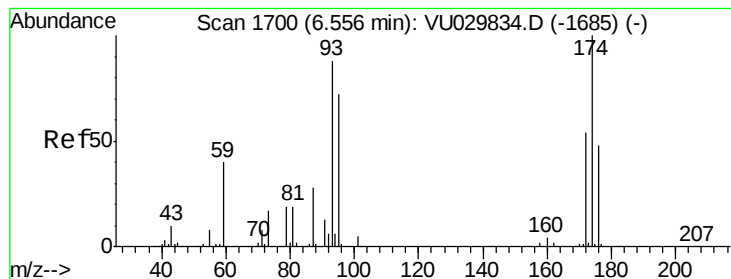
41 49.6 25.0 75.0



Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 41.00 (40.70 to 41.70): VU0





#43

Dibromomethane

Concen: 10.803 ug/l

RT: 6.56 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VU029881.D

Acq: 08 Mar 2019 11:58

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

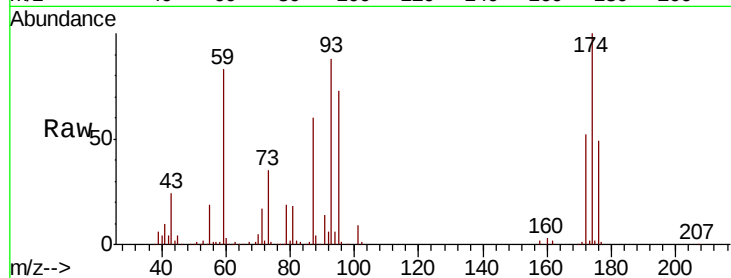
Tgt Ion: 93 Resp: 94140

Ion Ratio Lower Upper

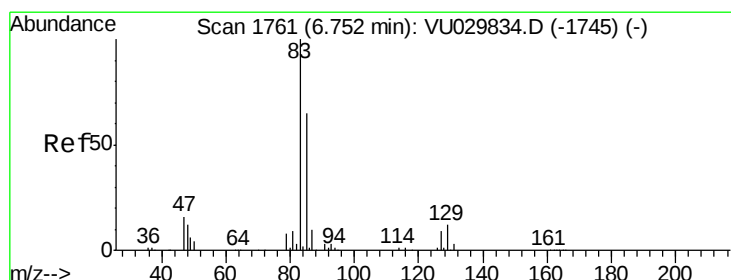
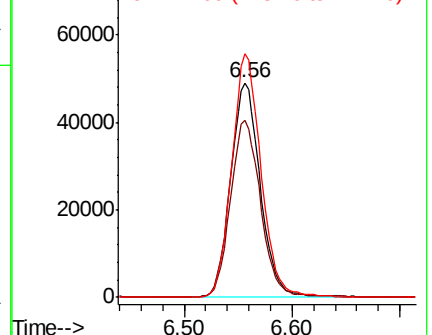
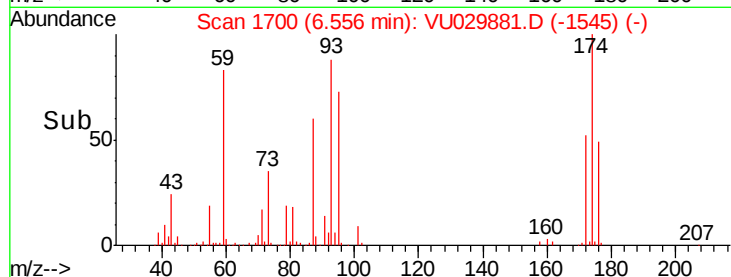
93 100

95 83.7 67.0 100.6

174 112.2 91.4 137.2



Abundance Ion 93.00 (92.70 to 93.70): VU029881.D (-1545) (-)



#44

Bromodichloromethane

Concen: 10.737 ug/l

RT: 6.75 min Scan# 1761

Delta R.T. -0.00 min

Lab File: VU029881.D

Acq: 08 Mar 2019 11:58

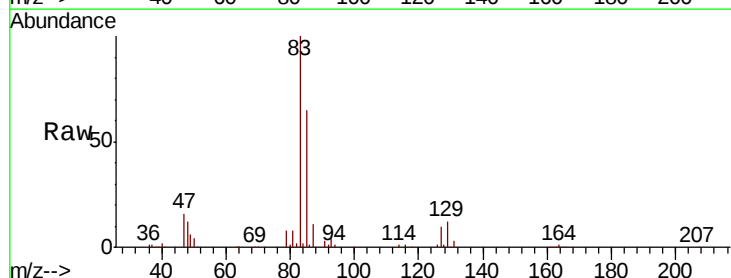
Tgt Ion: 83 Resp: 229793

Ion Ratio Lower Upper

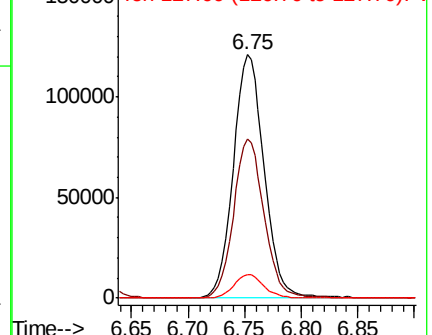
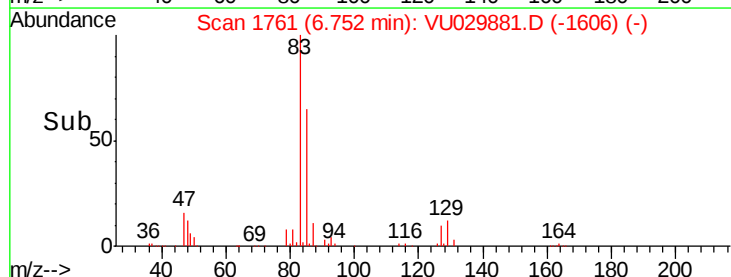
83 100

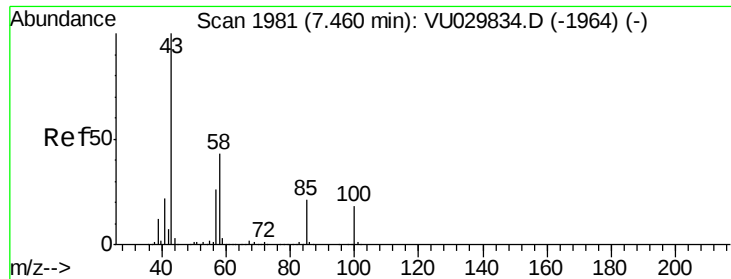
85 65.2 51.7 77.5

127 9.6 7.4 11.2



Abundance Ion 83.00 (82.70 to 83.70): VU029881.D (-1606) (-)

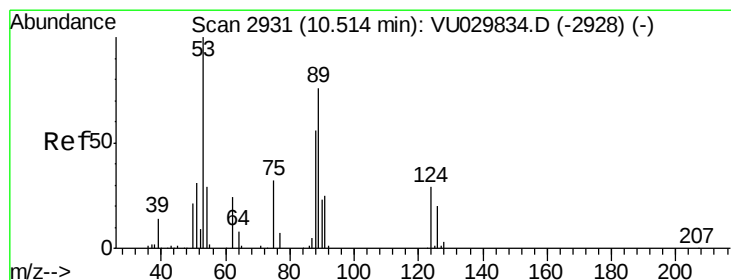
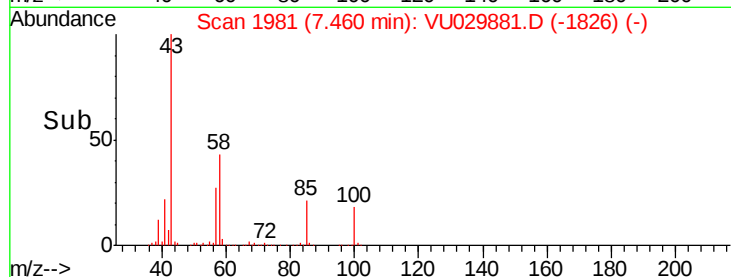
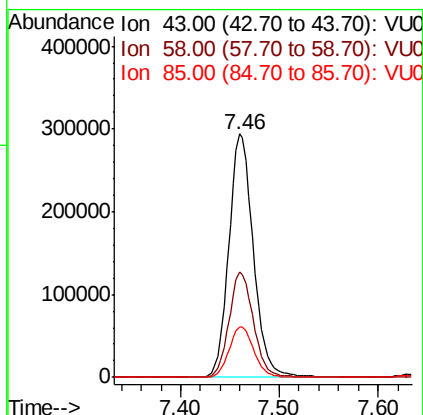
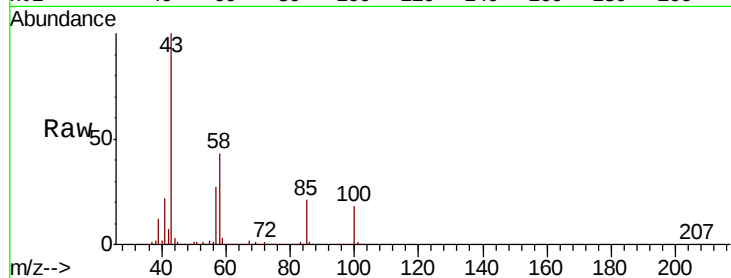




#45
 4-Methyl-2-Pentanone
 Concen: 56.272 ug/l
 RT: 7.46 min Scan# 1981
 Delta R.T. -0.00 min
 Lab File: VU029881.D
 Acq: 08 Mar 2019 11:58

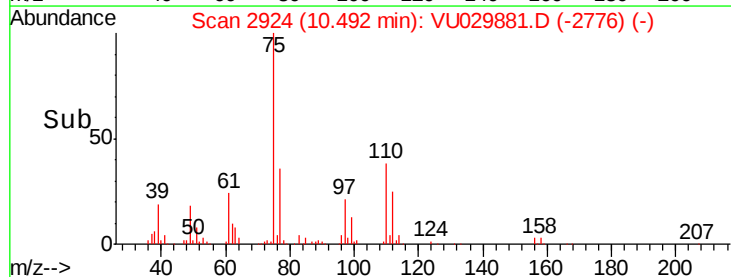
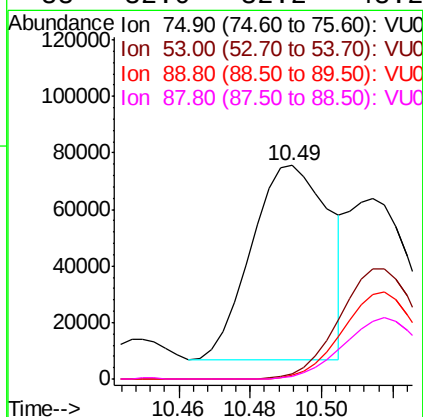
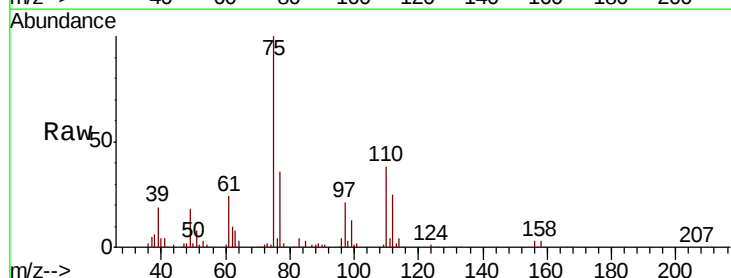
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

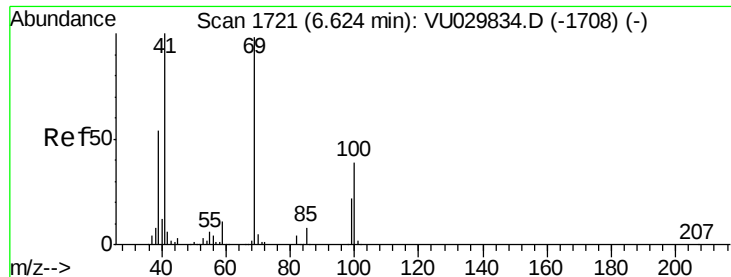
Tgt Ion: 43 Resp: 511417
 Ion Ratio Lower Upper
 43 100
 58 43.1 21.6 65.0
 85 21.2 16.5 24.7



#46
 t-1,4-Dichloro-2-butene
 Concen: 27.412 ug/l
 RT: 10.49 min Scan# 2924
 Delta R.T. -0.02 min
 Lab File: VU029881.D
 Acq: 08 Mar 2019 11:58

Tgt Ion: 75 Resp: 104154
 Ion Ratio Lower Upper
 75 100
 53 59.2 59.2 88.8#
 89 44.7 44.9 67.3#
 88 32.0 32.2 48.2#

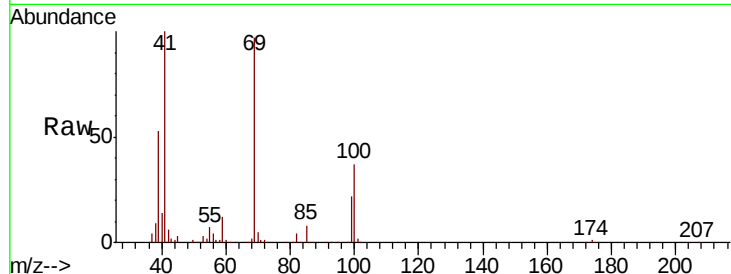




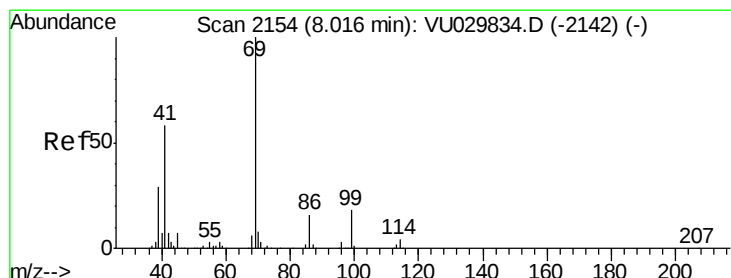
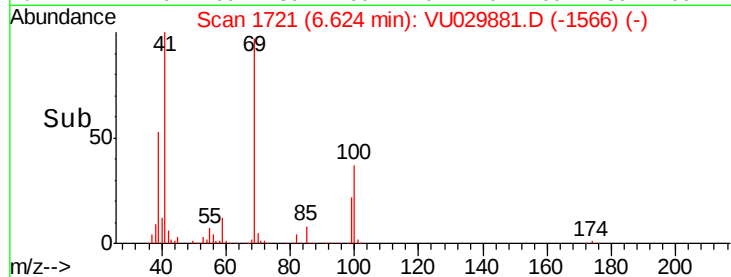
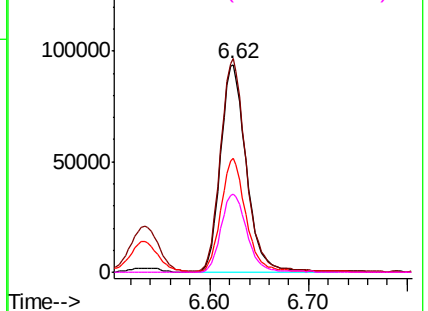
#47
Methyl methacrylate
Concen: 23.072 ug/l
RT: 6.62 min Scan# 1721
Delta R.T. -0.00 min
Lab File: VU029881.D
Acq: 08 Mar 2019 11:58

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 69 Resp: 172527
Ion Ratio Lower Upper
69 100
41 101.3 0.0 201.0
39 52.3 43.3 64.9
100 38.0 31.5 47.3

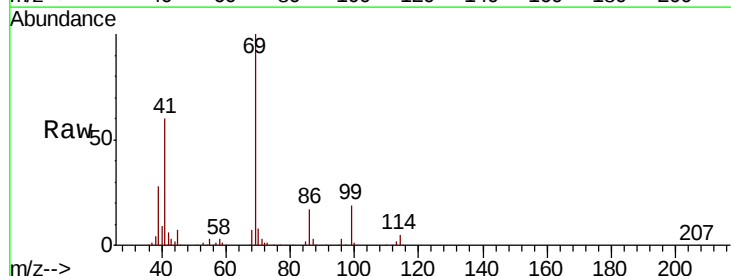


Abundance Ion 69.00 (68.70 to 69.70): VU0
150000 Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 100.00 (99.70 to 100.70): VU0

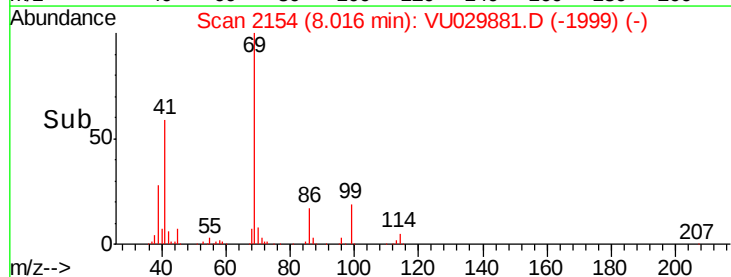
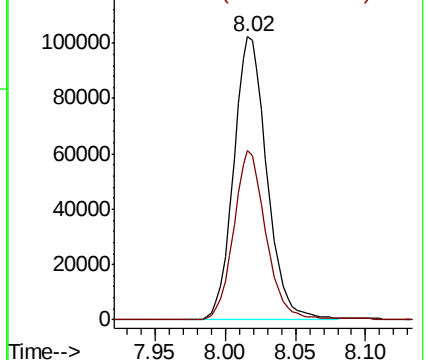


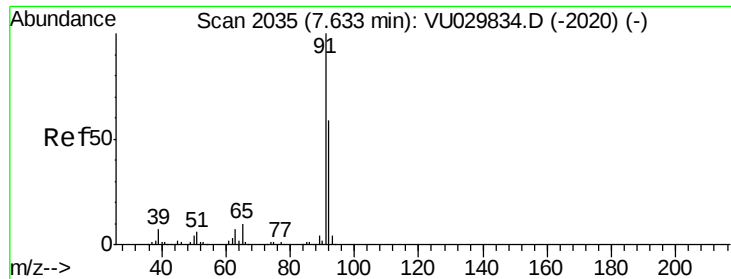
#48
Ethyl methacrylate
Concen: 11.778 ug/l
RT: 8.02 min Scan# 2154
Delta R.T. -0.00 min
Lab File: VU029881.D
Acq: 08 Mar 2019 11:58

Tgt Ion: 69 Resp: 168753
Ion Ratio Lower Upper
69 100
41 58.7 29.0 87.1



Abundance Ion 69.00 (68.70 to 69.70): VU0
120000 Ion 41.00 (40.70 to 41.70): VU0





#49

Toluene

Concen: 11.155 ug/l

RT: 7.63 min Scan# 2035

Delta R.T. -0.00 min

Lab File: VU029881.D

Acq: 08 Mar 2019 11:58

Instrument :

MSVOA_U

ClientSampleId :

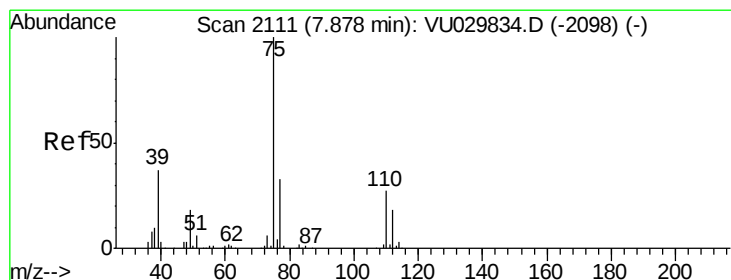
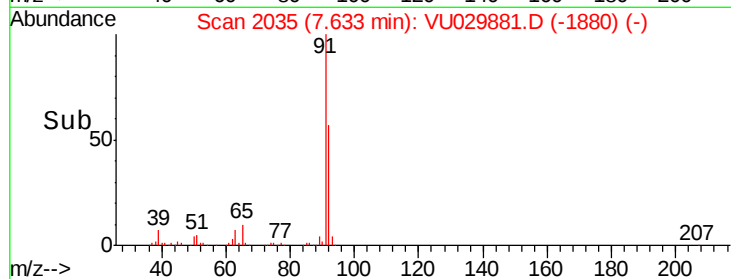
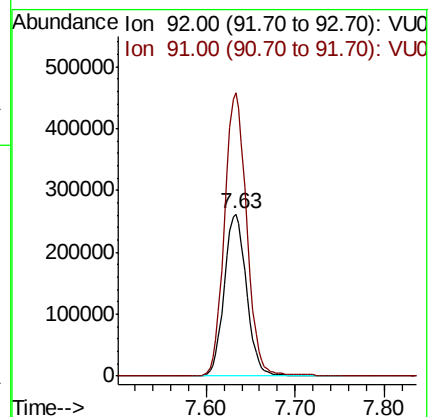
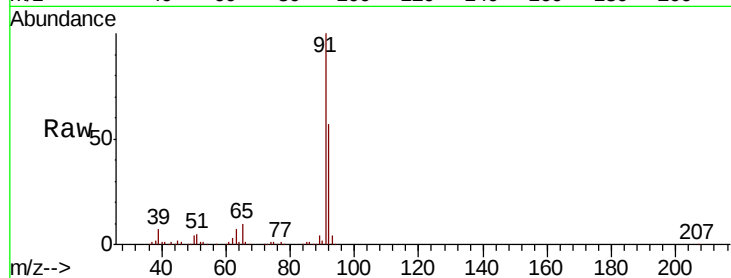
VSTDCCC010EC

Tgt Ion: 92 Resp: 455028

Ion Ratio Lower Upper

92 100

91 174.2 137.8 206.8



#50

t-1,3-Dichloropropene

Concen: 11.062 ug/l

RT: 7.88 min Scan# 2111

Delta R.T. -0.00 min

Lab File: VU029881.D

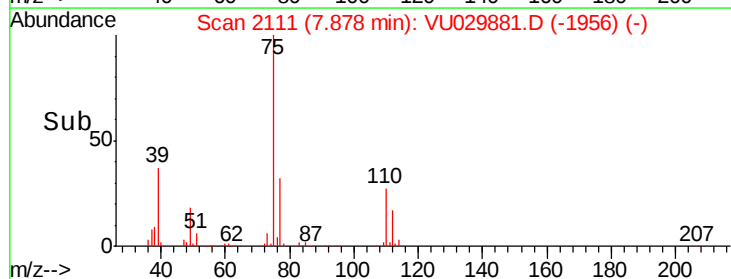
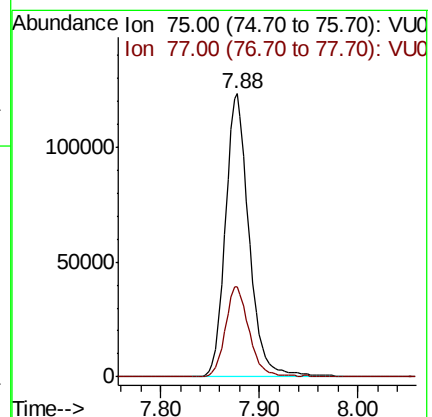
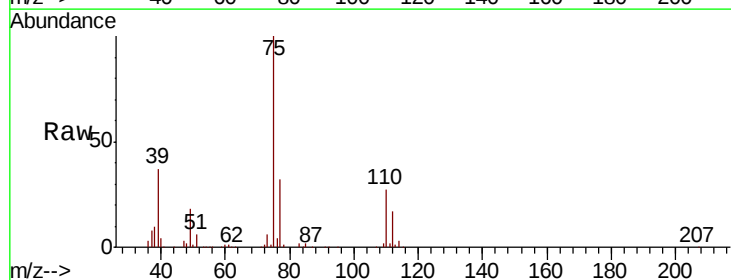
Acq: 08 Mar 2019 11:58

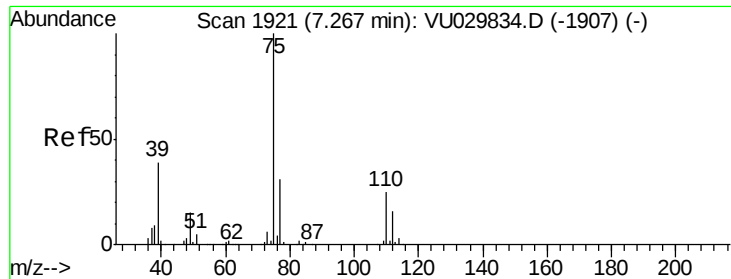
Tgt Ion: 75 Resp: 207463

Ion Ratio Lower Upper

75 100

77 31.9 26.4 39.6

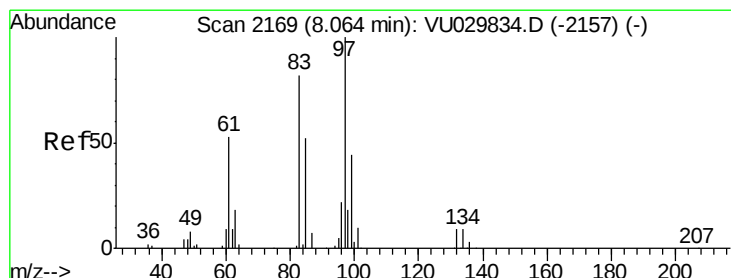
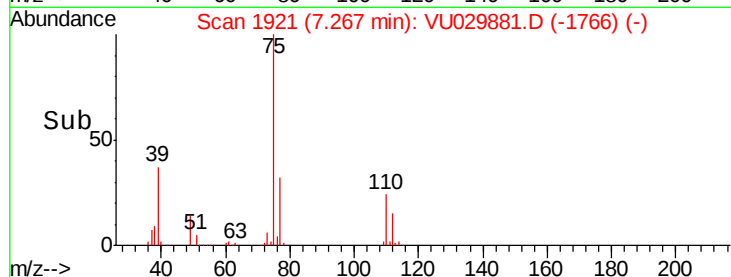
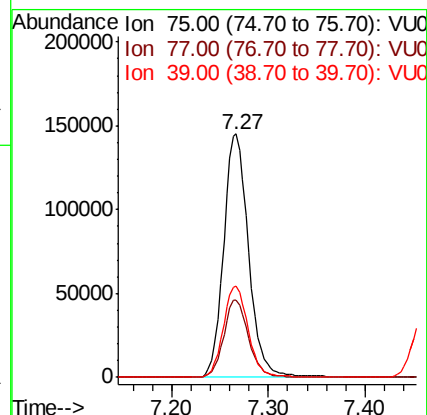
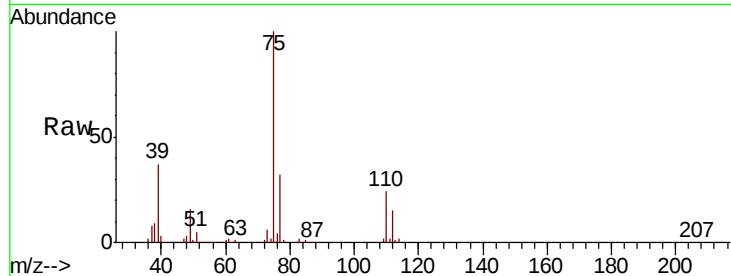




#51
 cis-1,3-Dichloropropene
 Concen: 11.206 ug/l
 RT: 7.27 min Scan# 1921
 Delta R.T. -0.00 min
 Lab File: VU029881.D
 Acq: 08 Mar 2019 11:58

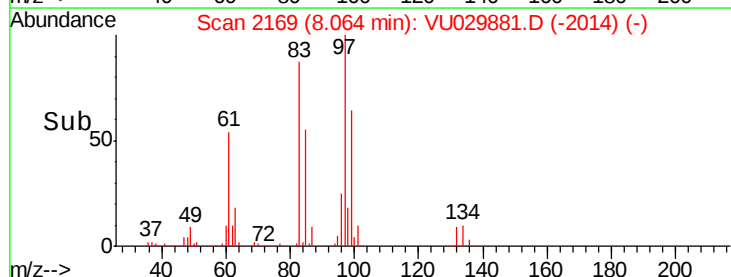
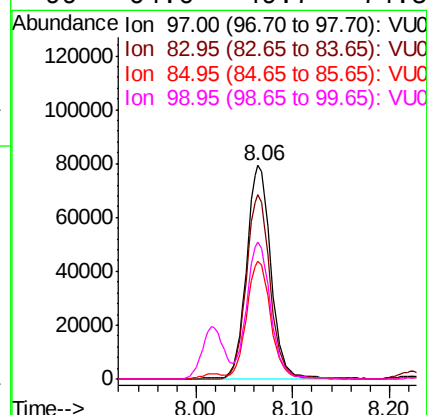
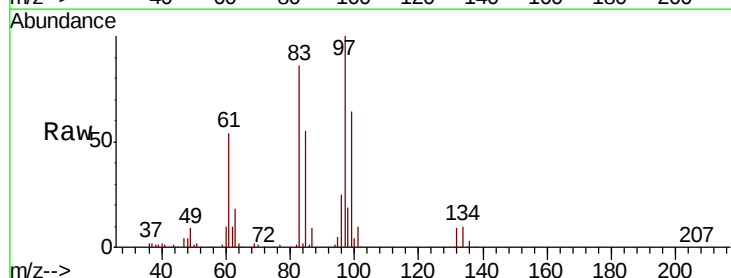
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

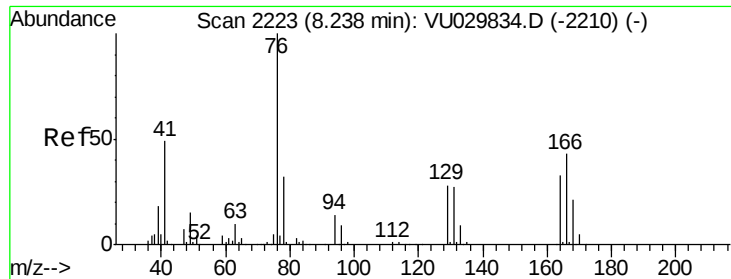
Tgt Ion:	75	Resp:	260177
Ion	Ratio	Lower	Upper
75	100		
77	31.9	24.9	37.3
39	37.4	30.8	46.2



#52
 1,1,2-Trichloroethane
 Concen: 10.743 ug/l
 RT: 8.06 min Scan# 2169
 Delta R.T. -0.00 min
 Lab File: VU029881.D
 Acq: 08 Mar 2019 11:58

Tgt Ion:	97	Resp:	138566
Ion	Ratio	Lower	Upper
97	100		
83	86.3	65.9	98.9
85	54.9	43.0	64.6
99	64.0	49.7	74.5

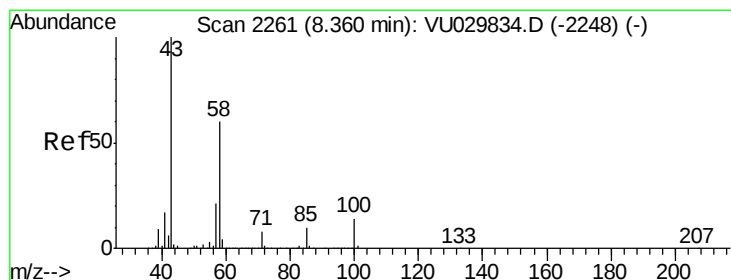
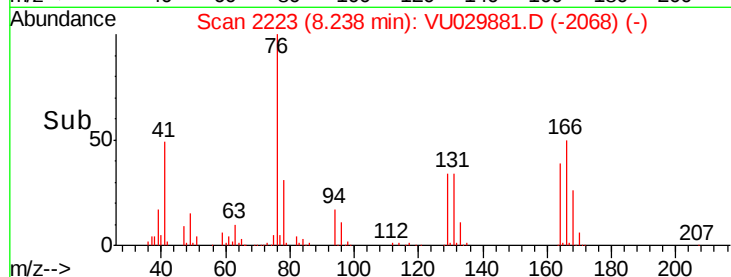
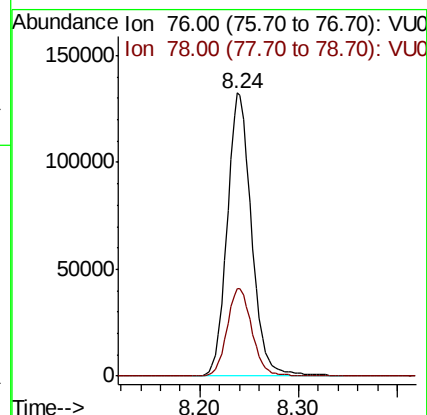
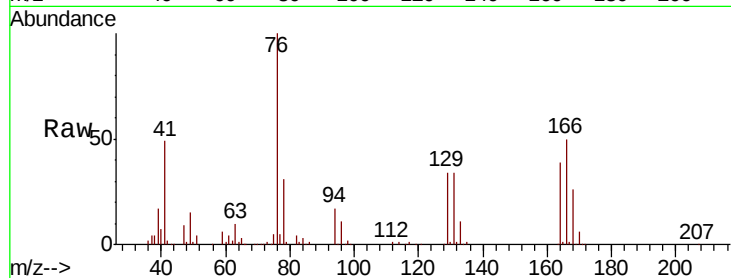




#53
 1,3-Dichloropropane
 Concen: 10.855 ug/l
 RT: 8.24 min Scan# 2223
 Delta R.T. -0.00 min
 Lab File: VU029881.D
 Acq: 08 Mar 2019 11:58

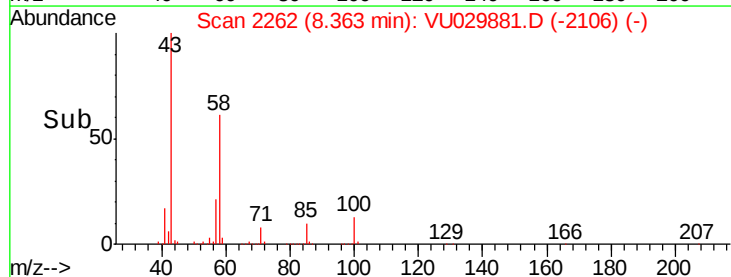
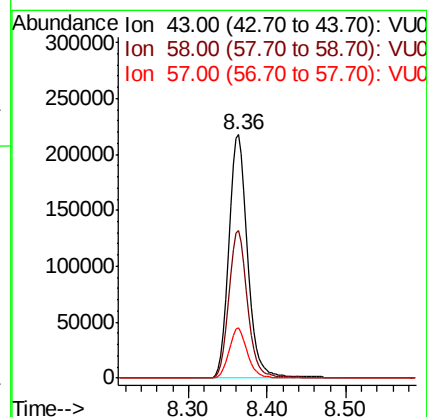
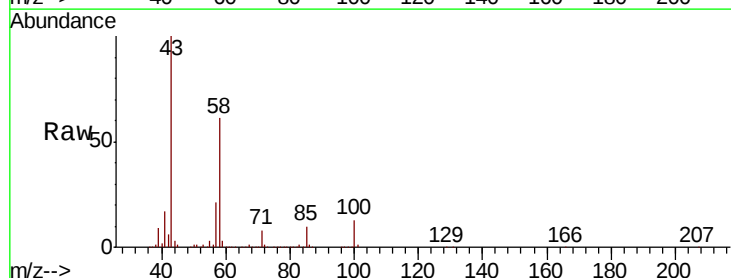
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

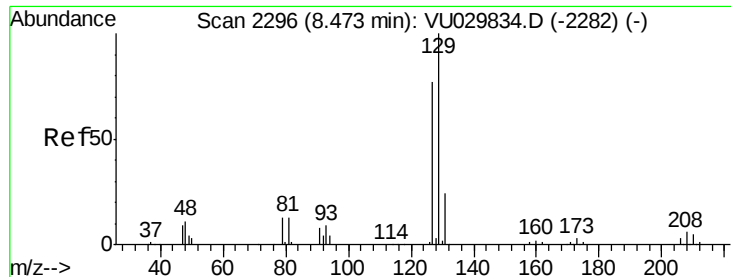
Tgt Ion: 76 Resp: 229641
 Ion Ratio Lower Upper
 76 100
 78 31.7 25.7 38.5



#54
 2-Hexanone
 Concen: 56.518 ug/l
 RT: 8.36 min Scan# 2262
 Delta R.T. 0.00 min
 Lab File: VU029881.D
 Acq: 08 Mar 2019 11:58

Tgt Ion: 43 Resp: 356735
 Ion Ratio Lower Upper
 43 100
 58 60.2 39.6 79.6
 57 20.1 0.5 40.5

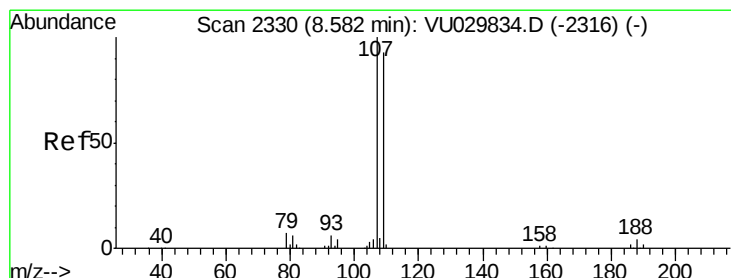
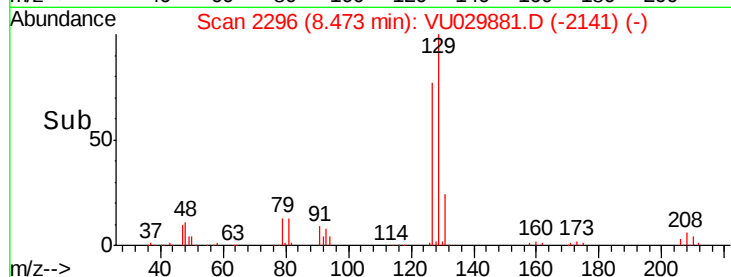
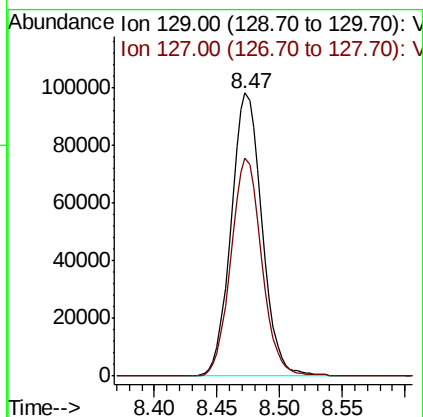
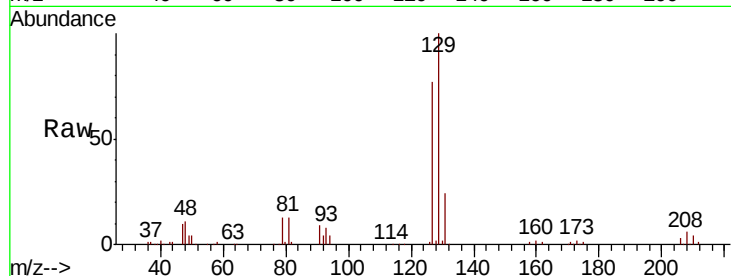




#55
 Dibromochloromethane
 Concen: 10.990 ug/l
 RT: 8.47 min Scan# 2296
 Delta R.T. -0.00 min
 Lab File: VU029881.D
 Acq: 08 Mar 2019 11:58

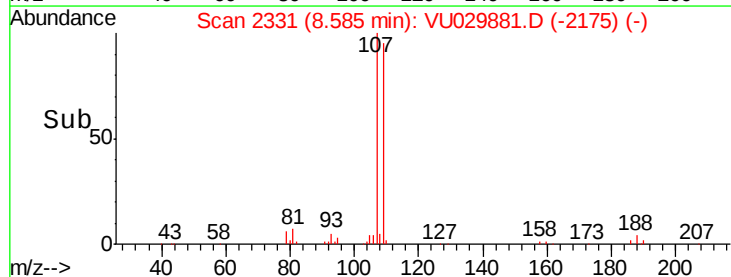
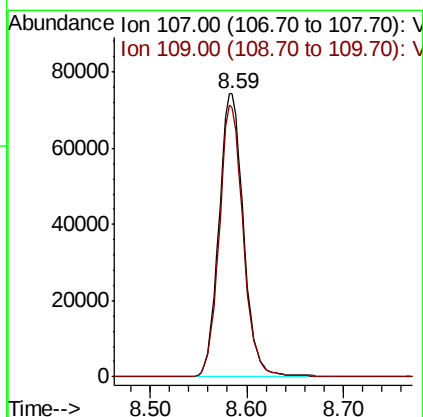
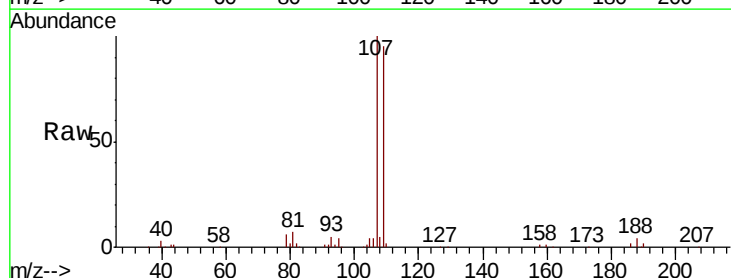
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

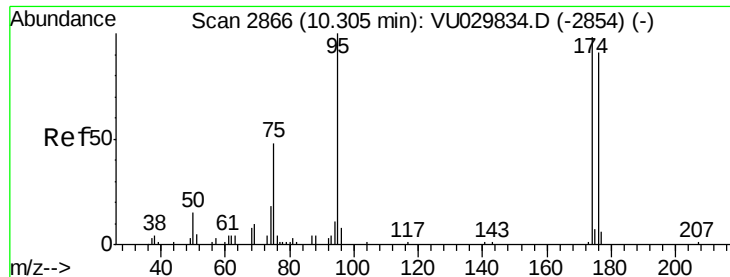
Tgt Ion:129 Resp: 168242
 Ion Ratio Lower Upper
 129 100
 127 76.9 61.6 92.4



#56
 1,2-Dibromoethane
 Concen: 10.713 ug/l
 RT: 8.59 min Scan# 2331
 Delta R.T. 0.00 min
 Lab File: VU029881.D
 Acq: 08 Mar 2019 11:58

Tgt Ion:107 Resp: 131029
 Ion Ratio Lower Upper
 107 100
 109 93.6 0.0 188.4





#57

4-Bromofluorobenzene

Concen: 10.713 ug/l

RT: 10.31 min Scan# 2866

Delta R.T. -0.00 min

Lab File: VU029881.D

Acq: 08 Mar 2019 11:58

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

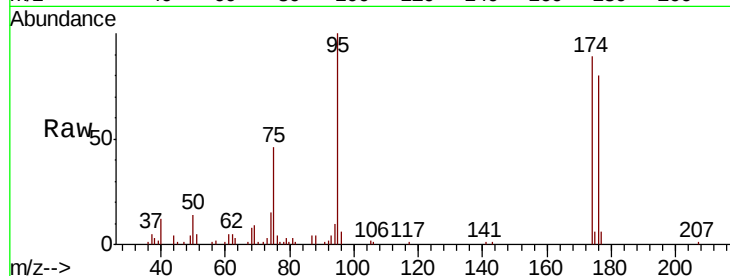
Tgt Ion: 95 Resp: 24495

Ion Ratio Lower Upper

95 100

174 88.9 76.5 114.7

176 78.6 74.2 111.2

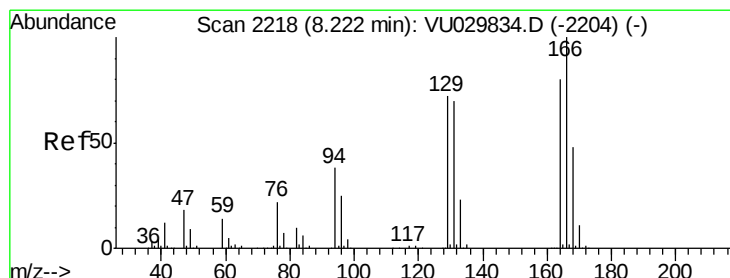
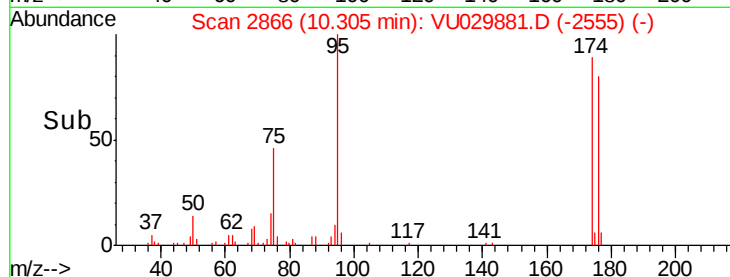
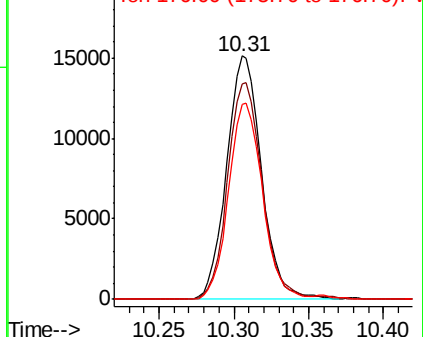


Abundance

Ion 95.00 (94.70 to 95.70): VU029881.D (-2555) (-)

Ion 174.00 (173.70 to 174.70): VU029881.D (-2555) (-)

Ion 176.00 (175.70 to 176.70): VU029881.D (-2555) (-)



#58

Tetrachloroethene

Concen: 11.089 ug/l

RT: 8.22 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VU029881.D

Acq: 08 Mar 2019 11:58

Tgt Ion: 164 Resp: 219654

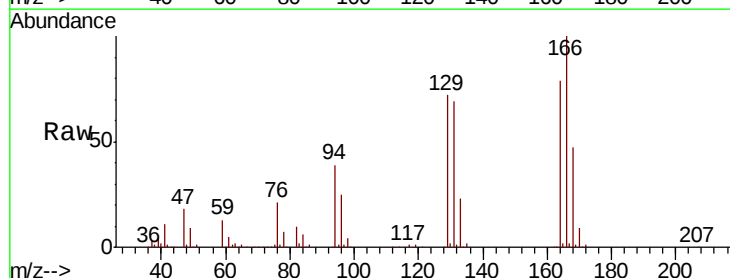
Ion Ratio Lower Upper

164 100

166 127.2 100.5 150.7

129 91.1 72.3 108.5

131 88.0 70.0 105.0



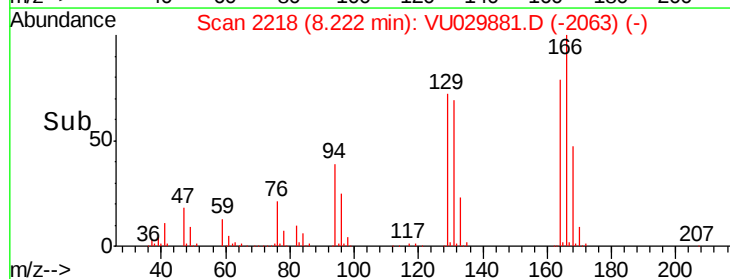
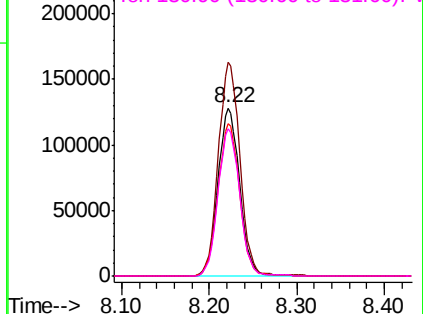
Abundance

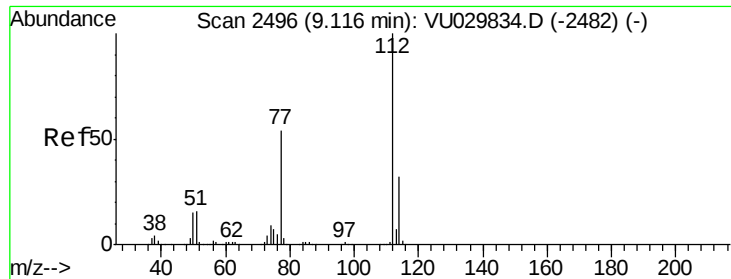
Ion 163.85 (163.55 to 164.55): VU029881.D (-2063) (-)

Ion 165.80 (165.50 to 166.50): VU029881.D (-2063) (-)

Ion 128.90 (128.60 to 129.60): VU029881.D (-2063) (-)

Ion 130.90 (130.60 to 131.60): VU029881.D (-2063) (-)





#59

Chlorobenzene

Concen: 11.056 ug/l

RT: 9.12 min Scan# 2496

Delta R.T. -0.00 min

Lab File: VU029881.D

Acq: 08 Mar 2019 11:58

Instrument :

MSVOA_U

ClientSampleId :

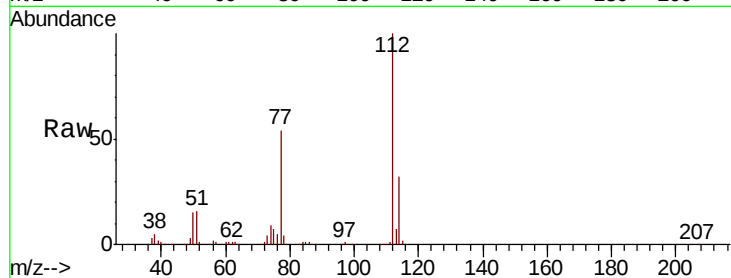
VSTDCCC010EC

Tgt Ion:112 Resp: 518286

Ion Ratio Lower Upper

112 100

114 31.8 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

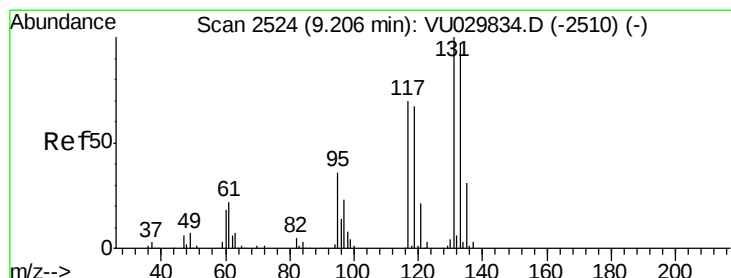
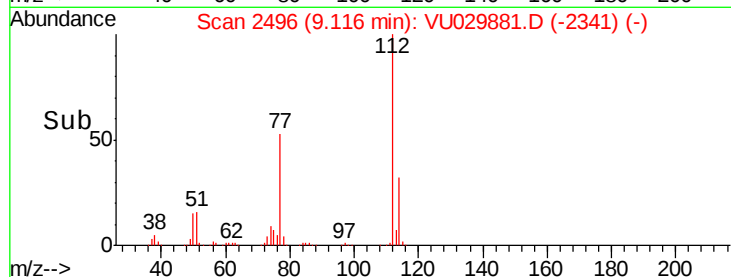
300000

200000

100000

0

Time--> 9.00 9.10 9.20



#60

1,1,1,2-Tetrachloroethane

Concen: 10.865 ug/l

RT: 9.21 min Scan# 2524

Delta R.T. -0.00 min

Lab File: VU029881.D

Acq: 08 Mar 2019 11:58

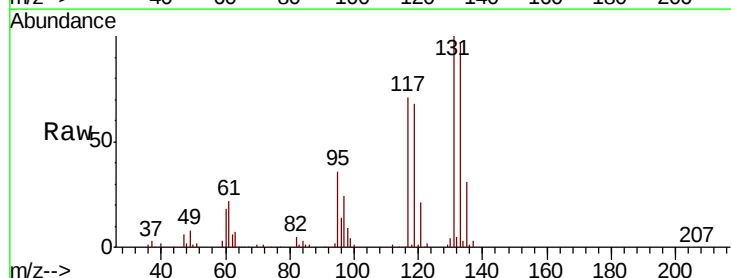
Tgt Ion:131 Resp: 182725

Ion Ratio Lower Upper

131 100

133 97.2 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

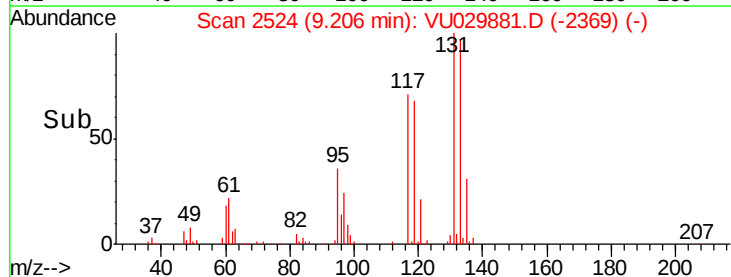
150000

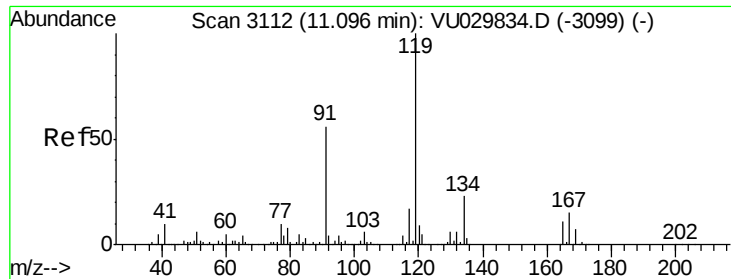
100000

50000

0

Time--> 9.15 9.20 9.25 9.30





#61

Pentachloroethane

Concen: 10.421 ug/l

RT: 11.10 min Scan# 3112

Delta R.T. -0.00 min

Lab File: VU029881.D

Acq: 08 Mar 2019 11:58

Instrument :

MSVOA_U

ClientSampleId :

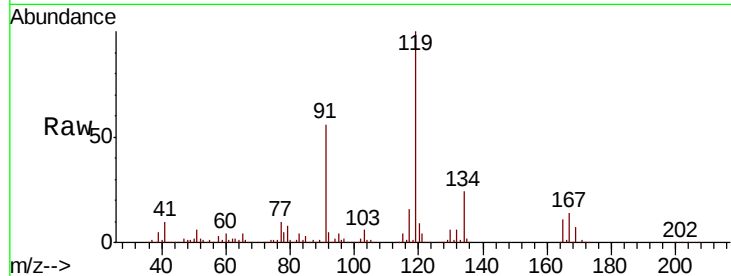
VSTDCCC010EC

Tgt Ion:117 Resp: 122012

Ion Ratio Lower Upper

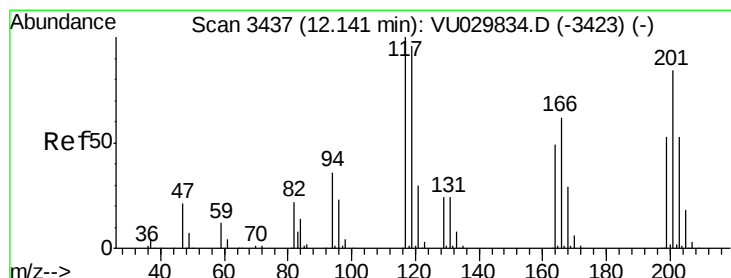
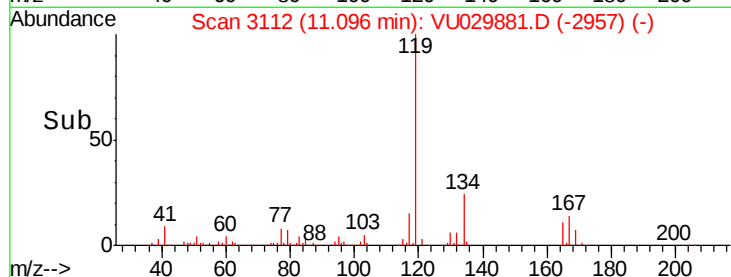
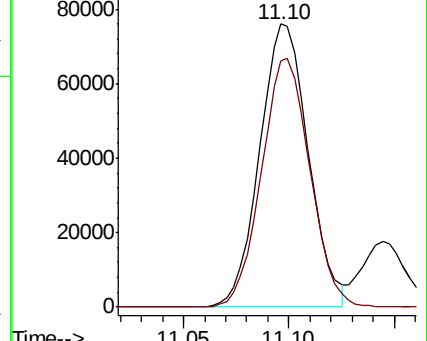
117 100

167 87.6 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: 10.909 ug/l

RT: 12.14 min Scan# 3437

Delta R.T. -0.00 min

Lab File: VU029881.D

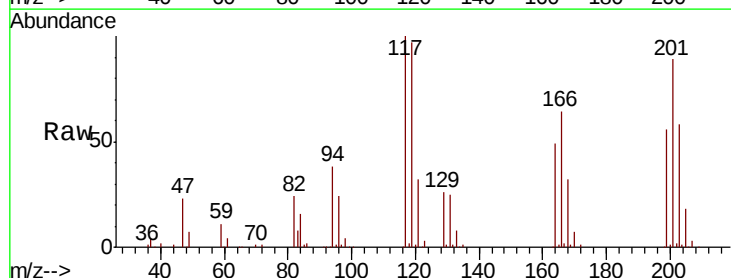
Acq: 08 Mar 2019 11:58

Tgt Ion:117 Resp: 134365

Ion Ratio Lower Upper

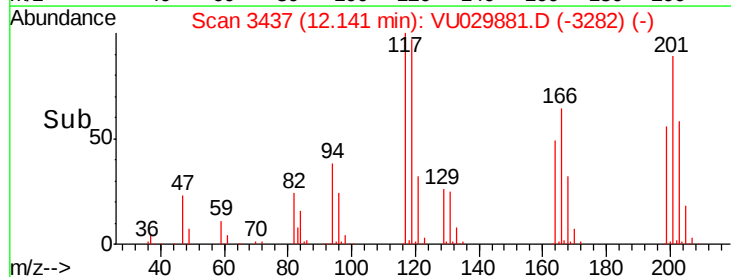
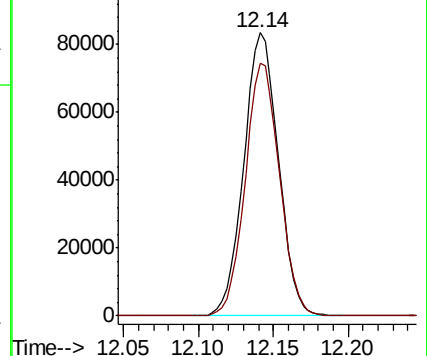
117 100

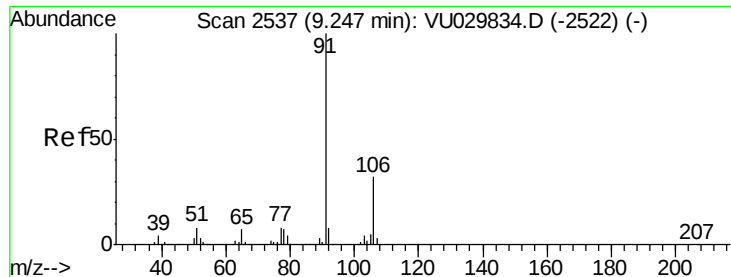
201 88.2 68.2 102.2



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.60 (200.30 to 201.30): V

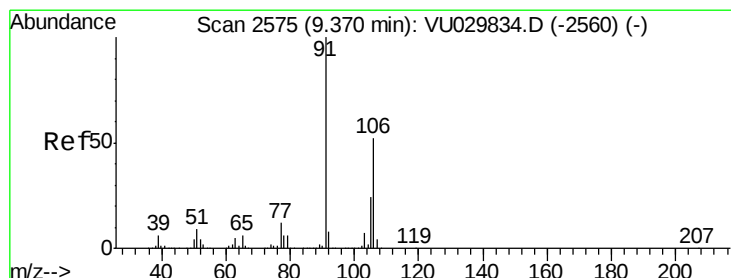
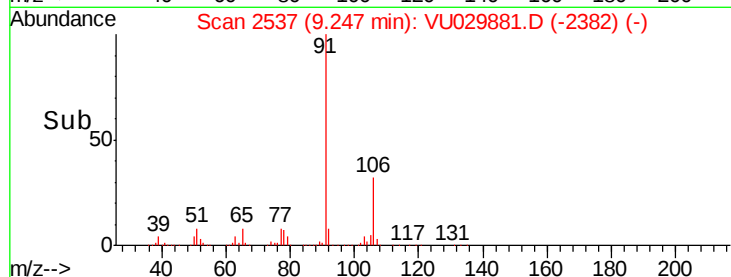
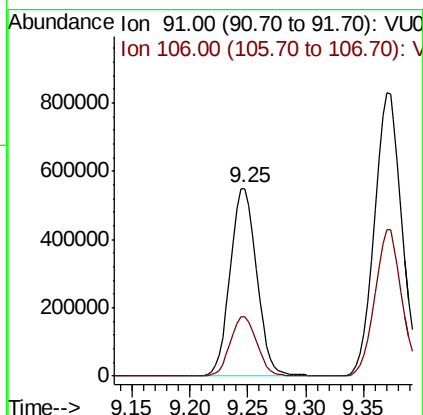
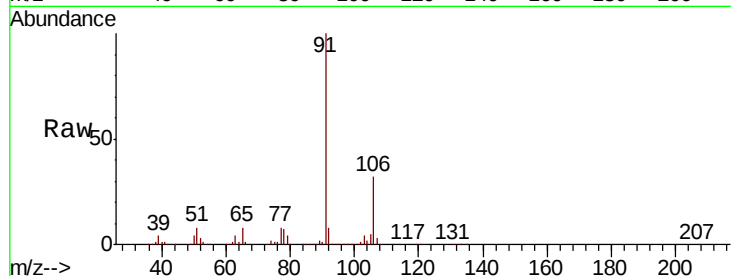




#63
 Ethyl Benzene
 Concen: 11.372 ug/l
 RT: 9.25 min Scan# 2537
 Delta R.T. -0.00 min
 Lab File: VU029881.D
 Acq: 08 Mar 2019 11:58

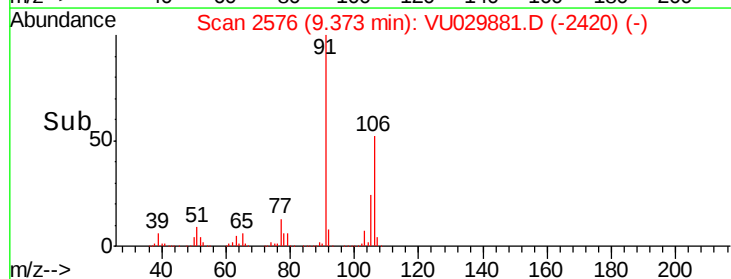
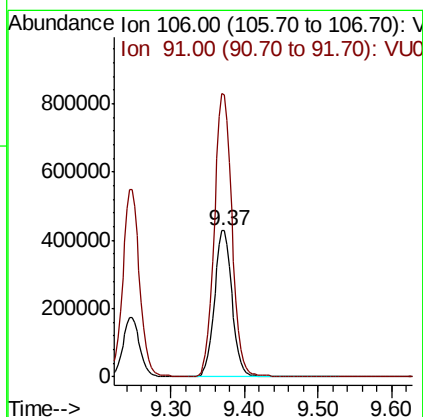
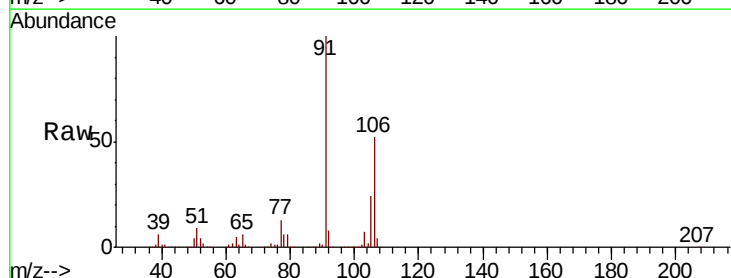
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

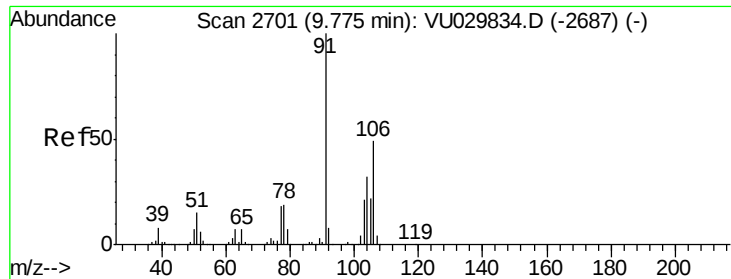
Tgt Ion: 91 Resp: 873344
 Ion Ratio Lower Upper
 91 100
 106 32.0 25.7 38.5



#64
 m/p-Xylenes
 Concen: 23.212 ug/l
 RT: 9.37 min Scan# 2576
 Delta R.T. 0.00 min
 Lab File: VU029881.D
 Acq: 08 Mar 2019 11:58

Tgt Ion: 106 Resp: 704690
 Ion Ratio Lower Upper
 106 100
 91 194.9 155.3 232.9

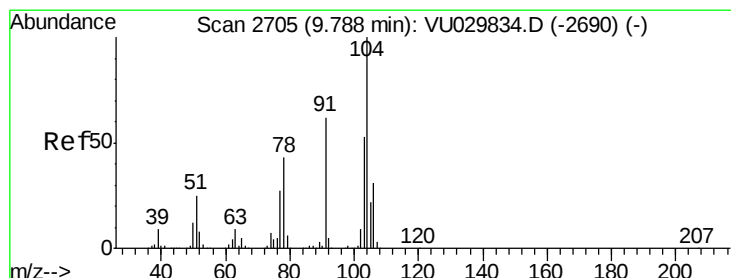
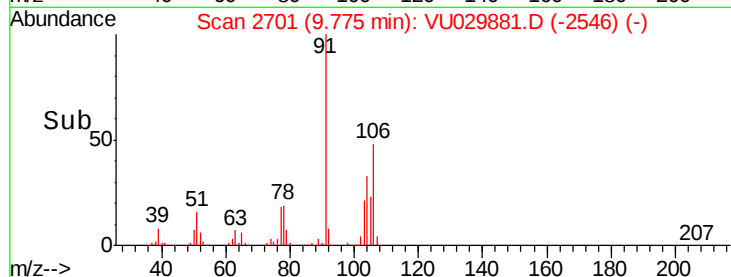
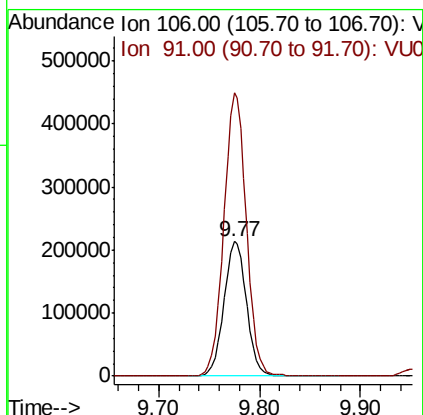
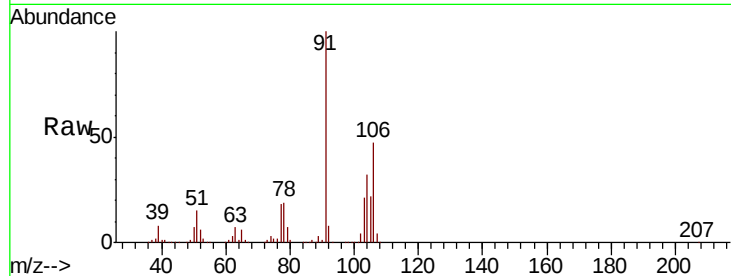




#65
o-Xylene
Concen: 11.496 ug/l
RT: 9.77 min Scan# 2701
Delta R.T. -0.00 min
Lab File: VU029881.D
Acq: 08 Mar 2019 11:58

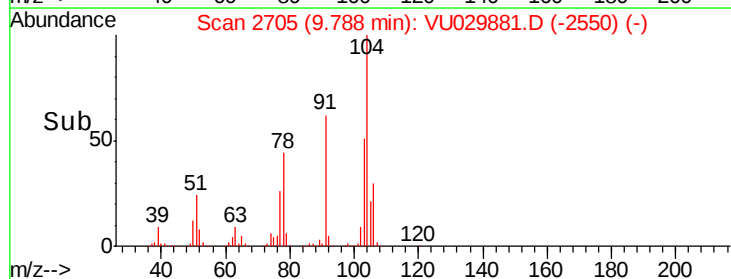
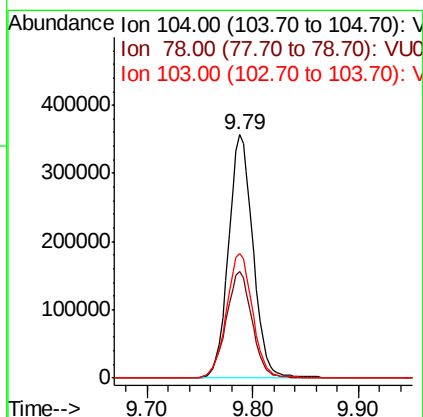
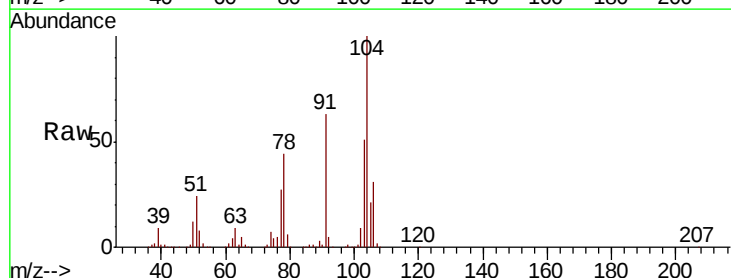
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

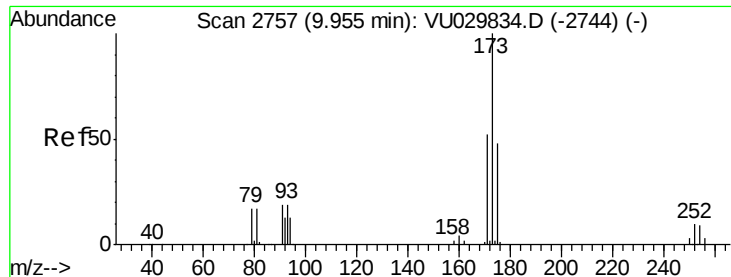
Tgt Ion:106 Resp: 335184
Ion Ratio Lower Upper
106 100
91 208.8 102.8 308.3



#66
Styrene
Concen: 11.832 ug/l
RT: 9.79 min Scan# 2705
Delta R.T. -0.00 min
Lab File: VU029881.D
Acq: 08 Mar 2019 11:58

Tgt Ion:104 Resp: 573159
Ion Ratio Lower Upper
104 100
78 46.6 37.2 55.8
103 54.7 44.7 67.1

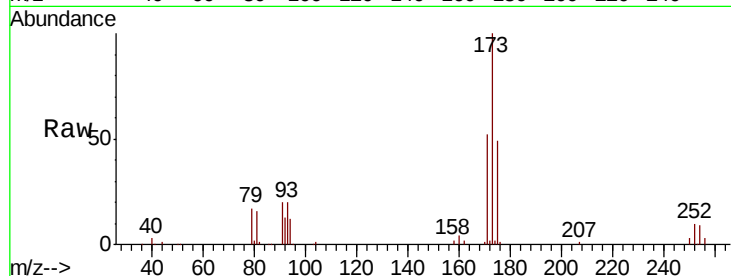




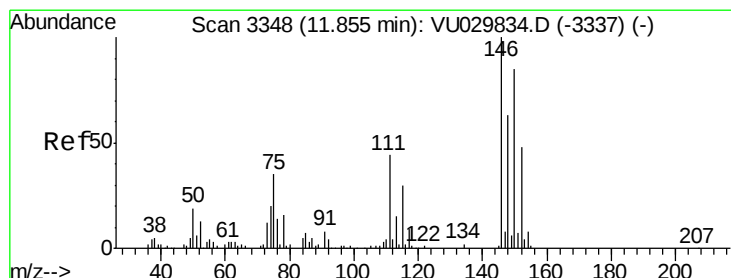
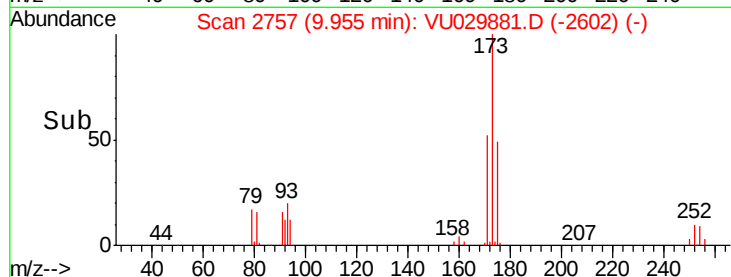
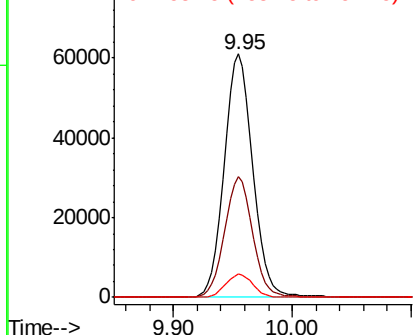
#67
Bromoform
Concen: 11.287 ug/l
RT: 9.95 min Scan# 2757
Delta R.T. -0.00 min
Lab File: VU029881.D
Acq: 08 Mar 2019 11:58

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion:173 Resp: 101482
Ion Ratio Lower Upper
173 100
175 48.5 38.6 57.8
254 9.0 7.4 11.2

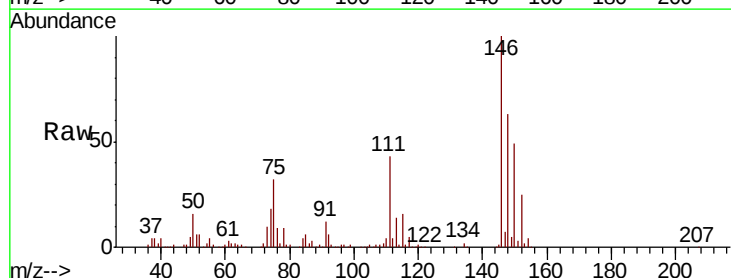


Abundance Ion 172.90 (172.60 to 173.60): V
Ion 174.90 (174.60 to 175.60): V
Ion 253.75 (253.45 to 254.45): V

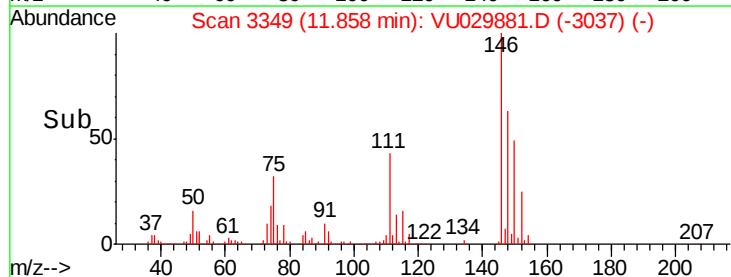
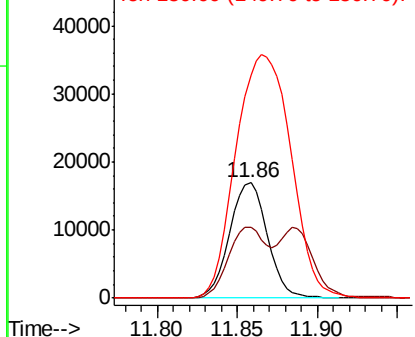


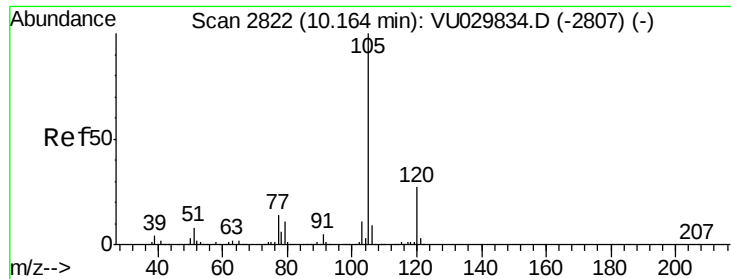
#68
1,2-Dichlorobenzene-d4
Concen: 11.287 ug/l
RT: 11.86 min Scan# 3349
Delta R.T. 0.00 min
Lab File: VU029881.D
Acq: 08 Mar 2019 11:58

Tgt Ion:152 Resp: 27202
Ion Ratio Lower Upper
152 100
115 62.9 0.0 124.0
150 311.0 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: 11.532 ug/l

RT: 10.16 min Scan# 2822

Delta R.T. -0.00 min

Lab File: VU029881.D

Acq: 08 Mar 2019 11:58

Instrument :

MSVOA_U

ClientSampleId :

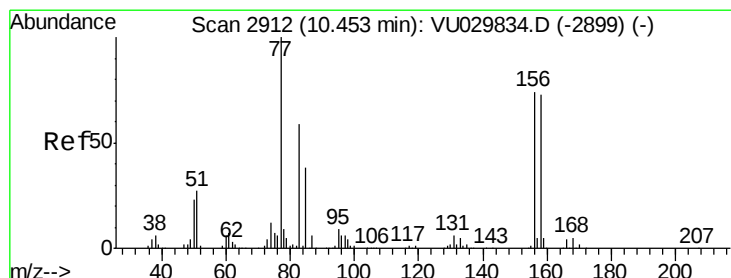
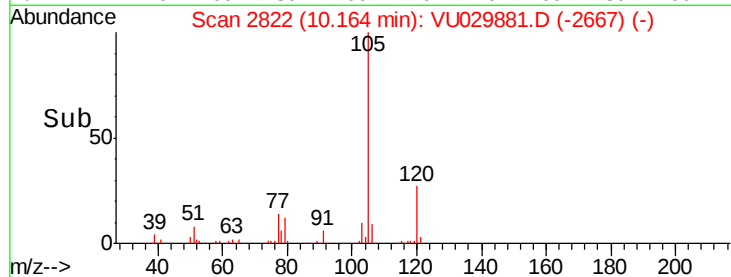
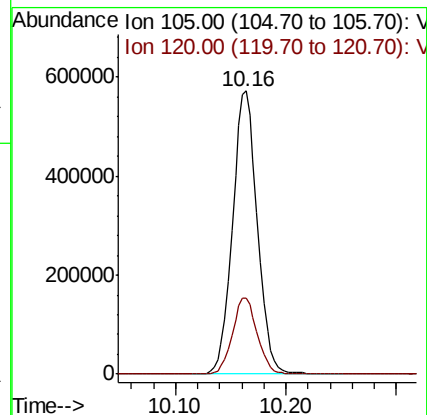
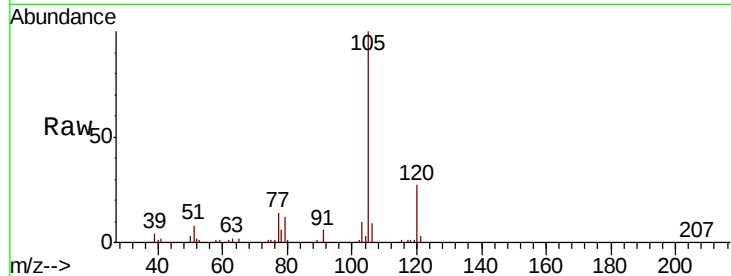
VSTDCCC010EC

Tgt Ion:105 Resp: 891629

Ion Ratio Lower Upper

105 100

120 26.9 13.5 40.5



#70

1,1,2,2-Tetrachloroethane

Concen: 10.823 ug/l

RT: 10.45 min Scan# 2912

Delta R.T. -0.00 min

Lab File: VU029881.D

Acq: 08 Mar 2019 11:58

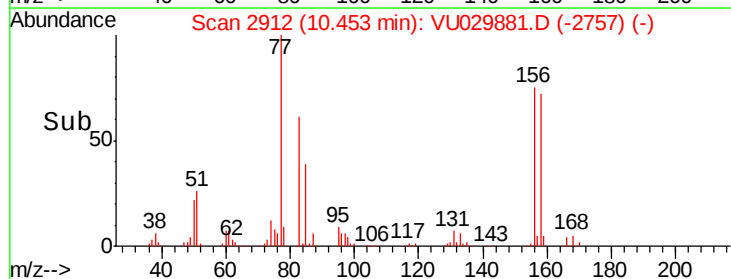
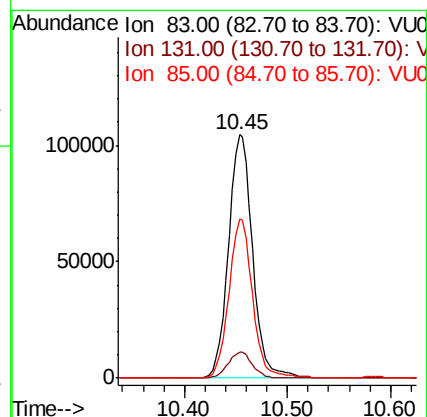
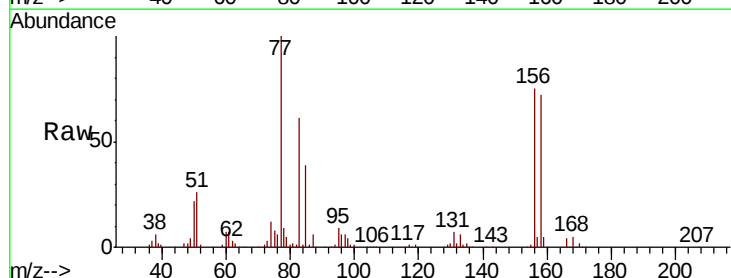
Tgt Ion: 83 Resp: 170256

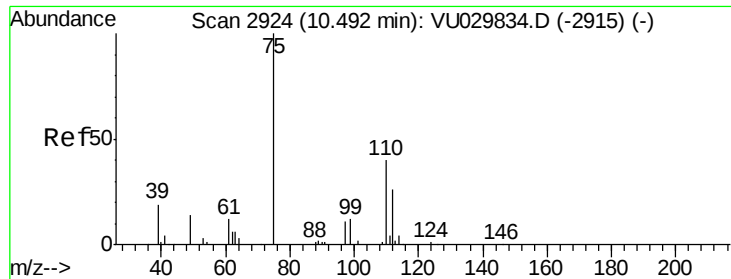
Ion Ratio Lower Upper

83 100

131 10.8 8.3 12.5

85 64.4 52.5 78.7





#71

1,2,3-Trichloropropane

Concen: 8.909 ug/l

RT: 10.49 min Scan# 2924

Delta R.T. -0.00 min

Lab File: VU029881.D

Acq: 08 Mar 2019 11:58

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 75 Resp: 104154

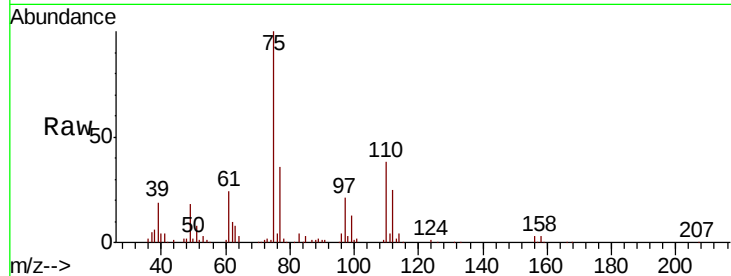
Ion Ratio Lower Upper

75 100

77 0.0 0.0 16.4

110 43.5 0.0 74.8

97 23.0 0.0 39.4

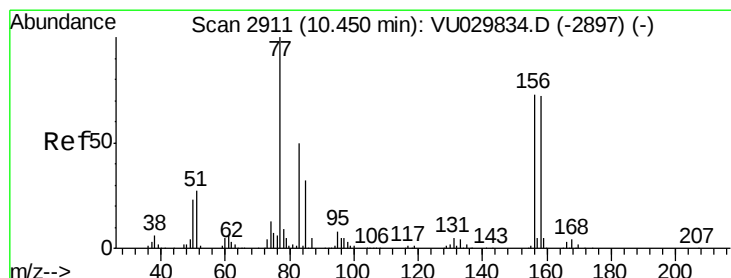
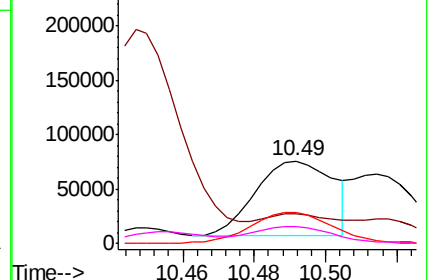
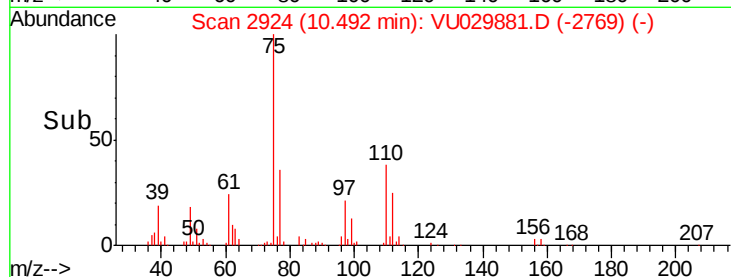


Abundance Ion 75.00 (74.70 to 75.70): VU0

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: 11.221 ug/l

RT: 10.45 min Scan# 2911

Delta R.T. -0.00 min

Lab File: VU029881.D

Acq: 08 Mar 2019 11:58

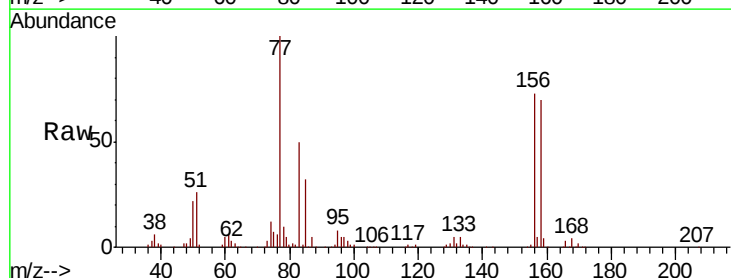
Tgt Ion: 156 Resp: 229647

Ion Ratio Lower Upper

156 100

77 137.3 0.0 282.2

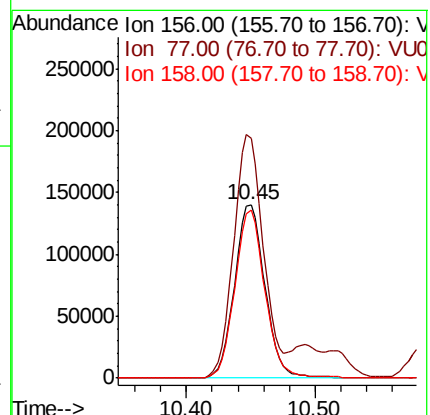
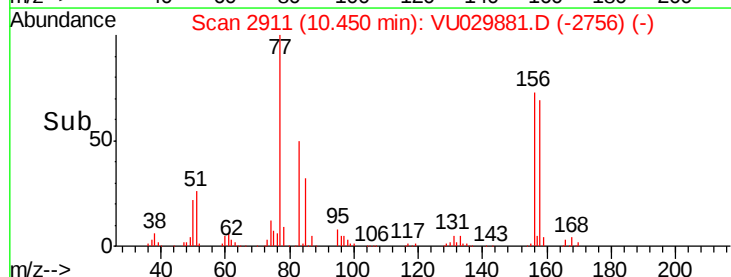
158 96.5 0.0 196.2

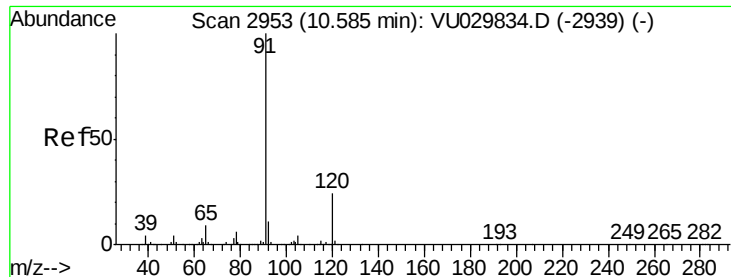


Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 158.00 (157.70 to 158.70): V

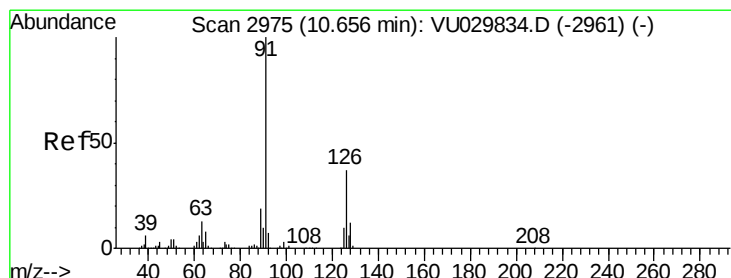
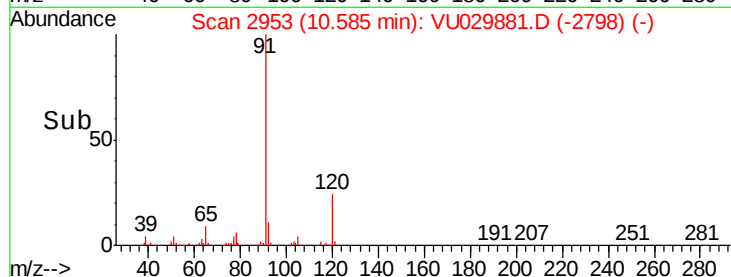
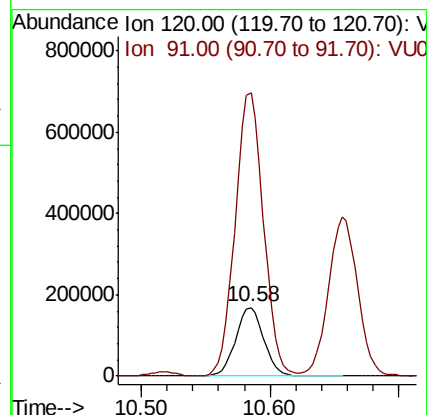
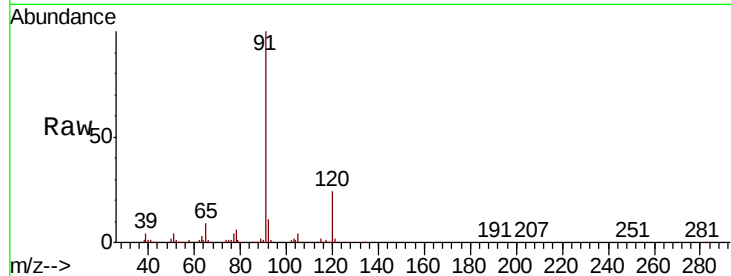




#73
n-propylbenzene
Concen: 11.748 ug/l
RT: 10.58 min Scan# 2953
Delta R.T. -0.00 min
Lab File: VU029881.D
Acq: 08 Mar 2019 11:58

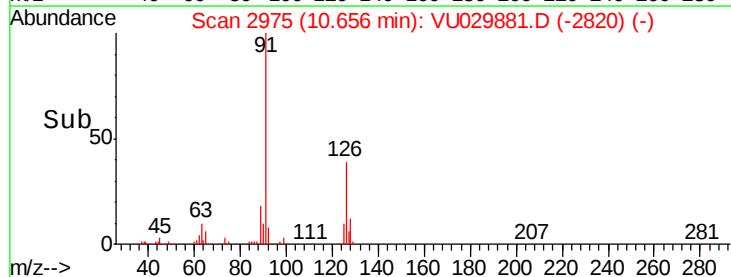
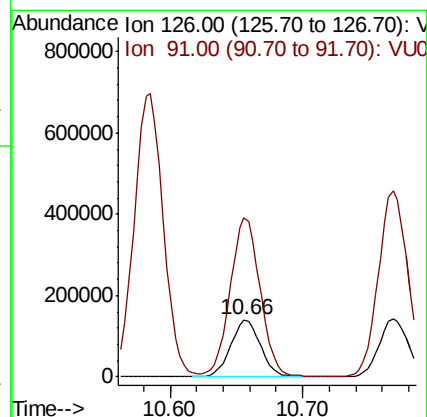
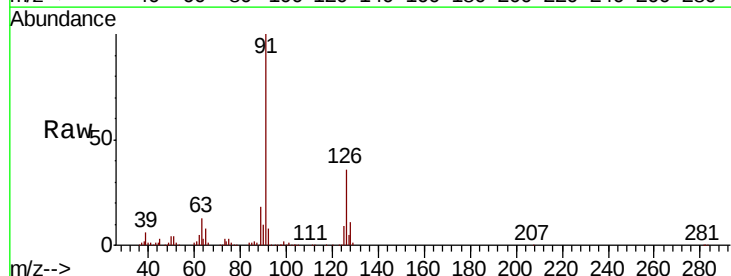
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

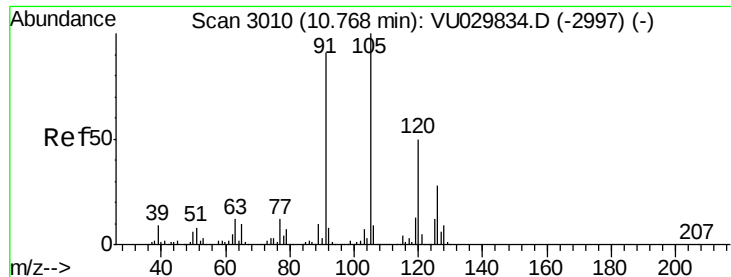
Tgt Ion:120 Resp: 255351
Ion Ratio Lower Upper
120 100
91 415.5 333.4 500.2



#74
2-Chlorotoluene
Concen: 11.328 ug/l
RT: 10.66 min Scan# 2975
Delta R.T. -0.00 min
Lab File: VU029881.D
Acq: 08 Mar 2019 11:58

Tgt Ion:126 Resp: 218409
Ion Ratio Lower Upper
126 100
91 279.0 0.0 569.0





#75

1,3,5-Trimethylbenzene

Concen: 11.713 ug/l

RT: 10.77 min Scan# 3010

Delta R.T. -0.00 min

Lab File: VU029881.D

Acq: 08 Mar 2019 11:58

Instrument :

MSVOA_U

ClientSampleId :

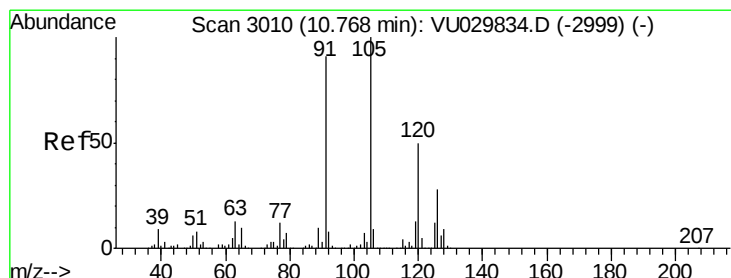
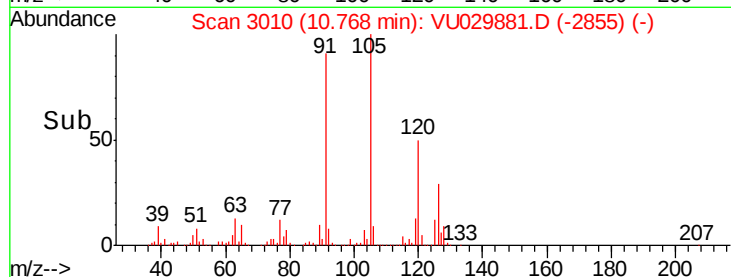
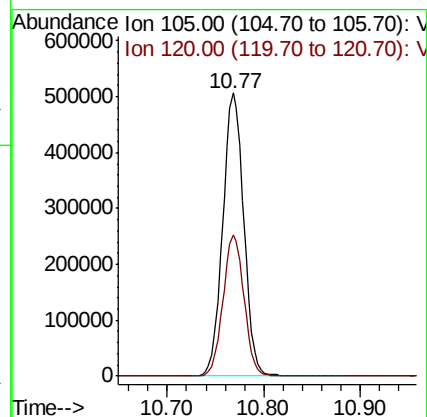
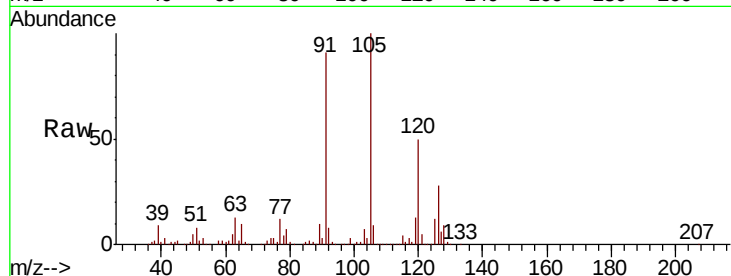
VSTDCCC010EC

Tgt Ion:105 Resp: 762907

Ion Ratio Lower Upper

105 100

120 49.8 40.0 60.0



#76

4-Chlorotoluene

Concen: 11.424 ug/l

RT: 10.77 min Scan# 3010

Delta R.T. -0.00 min

Lab File: VU029881.D

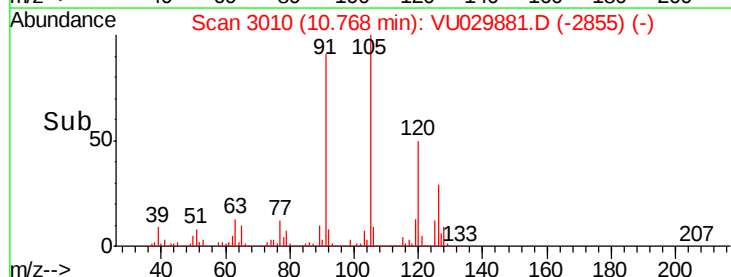
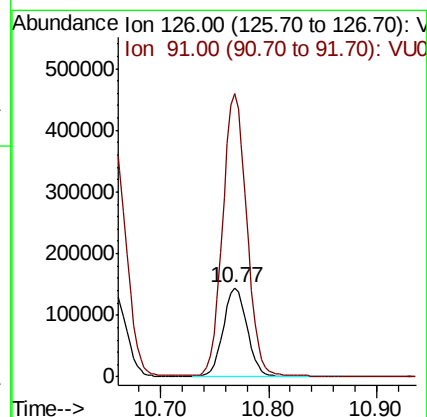
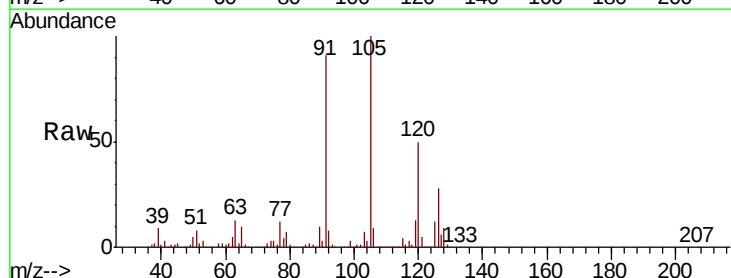
Acq: 08 Mar 2019 11:58

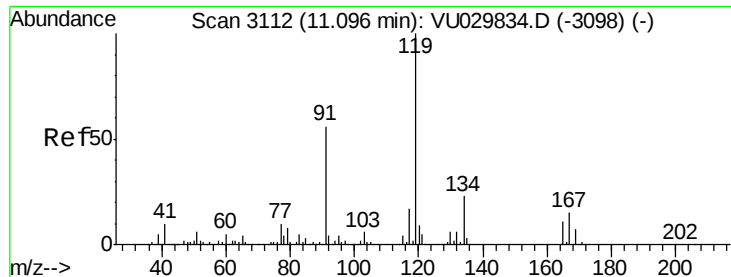
Tgt Ion:126 Resp: 224603

Ion Ratio Lower Upper

126 100

91 318.4 0.0 634.8

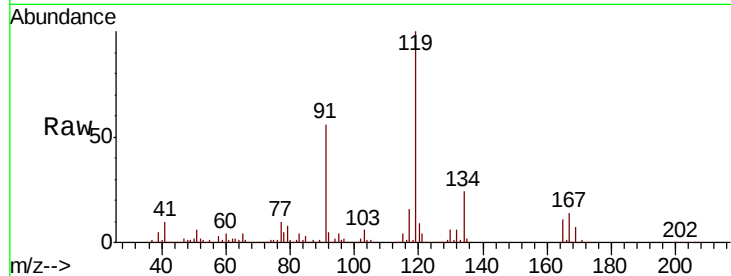




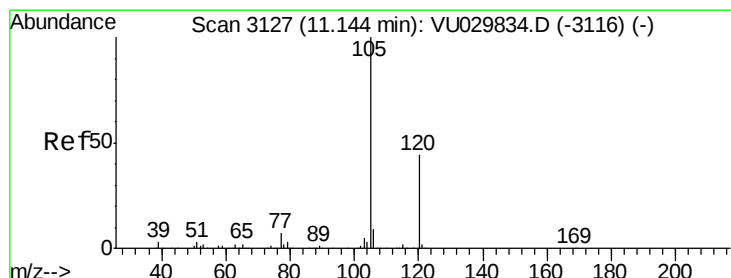
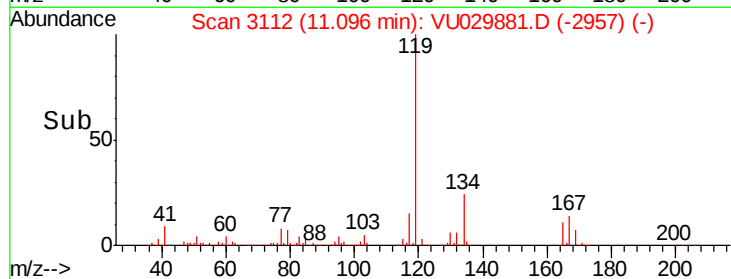
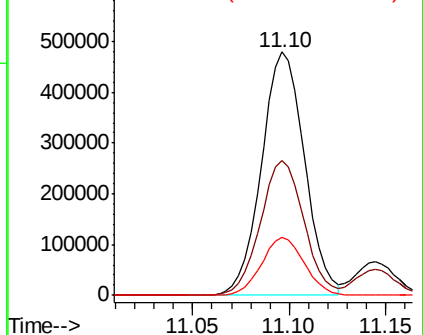
#77
 tert-Butylbenzene
 Concen: 11.510 ug/l
 RT: 11.10 min Scan# 3112
 Delta R.T. -0.00 min
 Lab File: VU029881.D
 Acq: 08 Mar 2019 11:58

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion:119 Resp: 741774
 Ion Ratio Lower Upper
 119 100
 91 55.9 27.7 83.1
 134 23.8 18.7 28.1

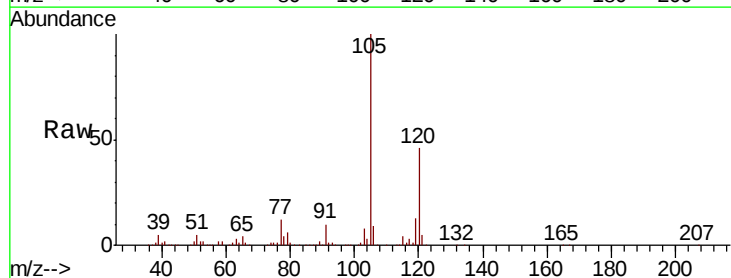


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VU0
 Ion 134.00 (133.70 to 134.70): V

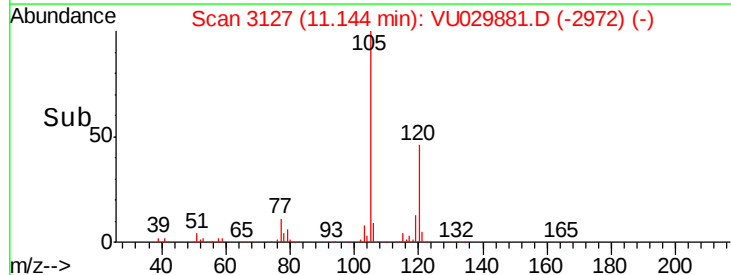
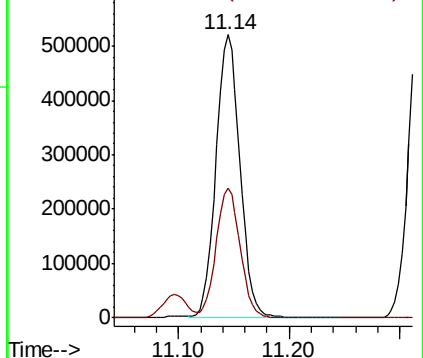


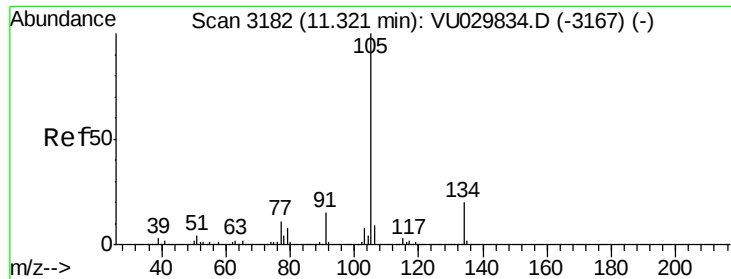
#78
 1,2,4-Trimethylbenzene
 Concen: 11.885 ug/l
 RT: 11.14 min Scan# 3127
 Delta R.T. -0.00 min
 Lab File: VU029881.D
 Acq: 08 Mar 2019 11:58

Tgt Ion:105 Resp: 782256
 Ion Ratio Lower Upper
 105 100
 120 46.3 23.5 70.5



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#79

sec-Butylbenzene

Concen: 11.796 ug/l

RT: 11.32 min Scan# 3182

Delta R.T. -0.00 min

Lab File: VU029881.D

Acq: 08 Mar 2019 11:58

Instrument :

MSVOA_U

ClientSampleId :

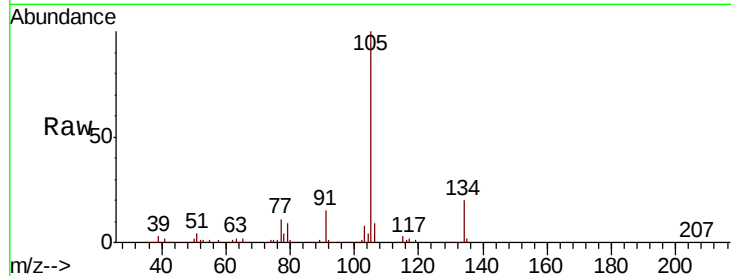
VSTDCCC010EC

Tgt Ion:105 Resp: 1007516

Ion Ratio Lower Upper

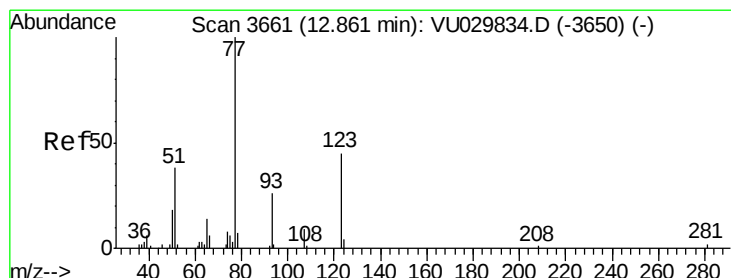
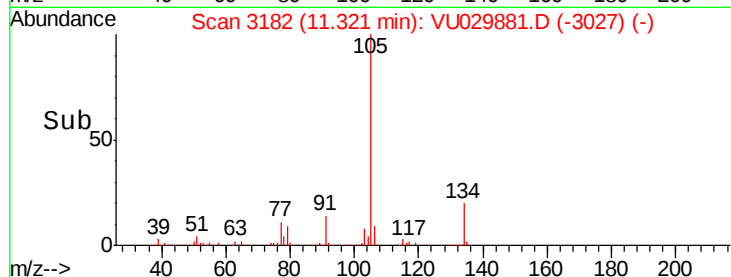
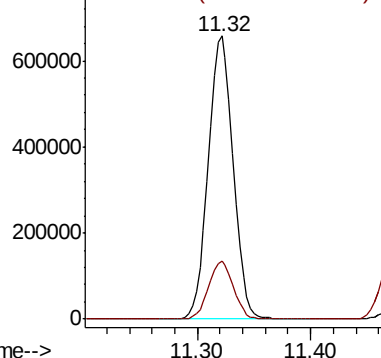
105 100

134 20.4 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: 62.909 ug/l

RT: 12.86 min Scan# 3661

Delta R.T. -0.00 min

Lab File: VU029881.D

Acq: 08 Mar 2019 11:58

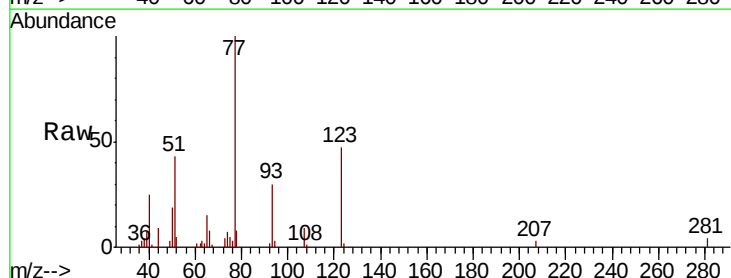
Tgt Ion: 77 Resp: 17965

Ion Ratio Lower Upper

77 100

123 47.8 20.2 71.4

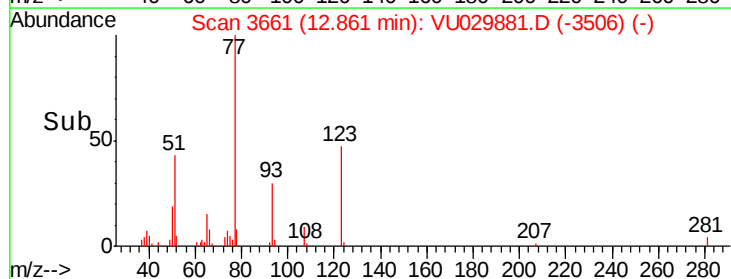
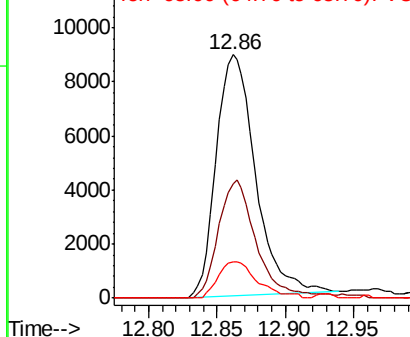
65 13.0 14.0 17.8#

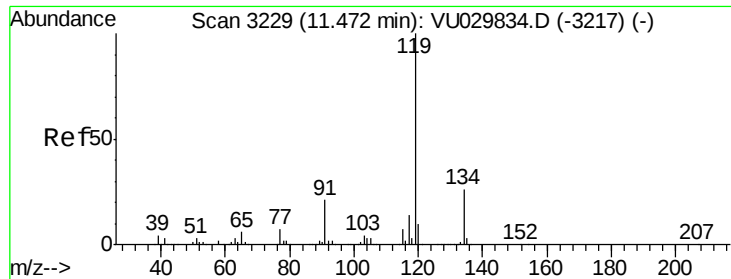


Abundance Ion 77.00 (76.70 to 77.70): VU0

Ion 123.00 (122.70 to 123.70): V

Ion 65.00 (64.70 to 65.70): VU0

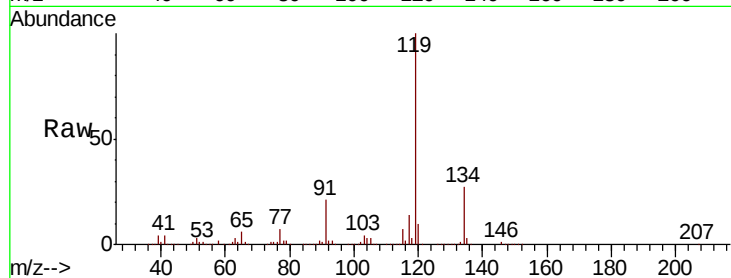




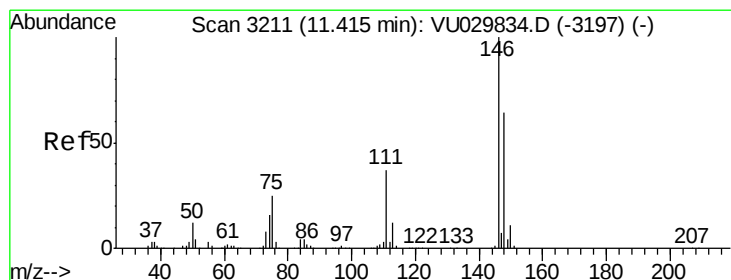
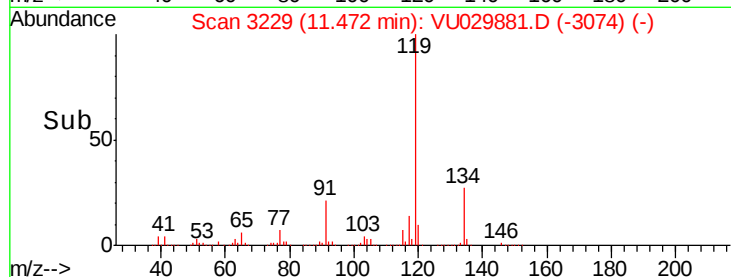
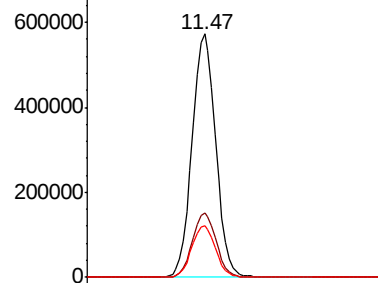
#81
p-Isopropyltoluene
Concen: 11.880 ug/l
RT: 11.47 min Scan# 3229
Delta R.T. -0.00 min
Lab File: VU029881.D
Acq: 08 Mar 2019 11:58

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion:119 Resp: 849416
Ion Ratio Lower Upper
119 100
134 26.7 21.2 31.8
91 21.5 17.2 25.8

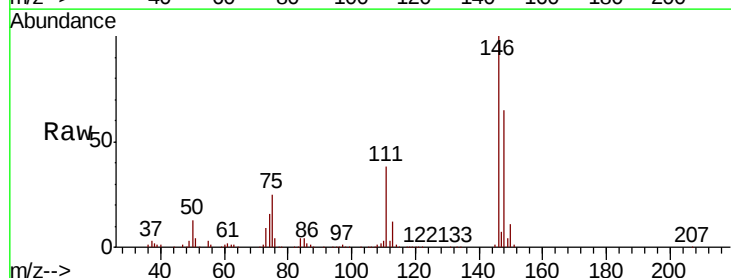


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 134.00 (133.70 to 134.70): V
Ion 91.00 (90.70 to 91.70): V

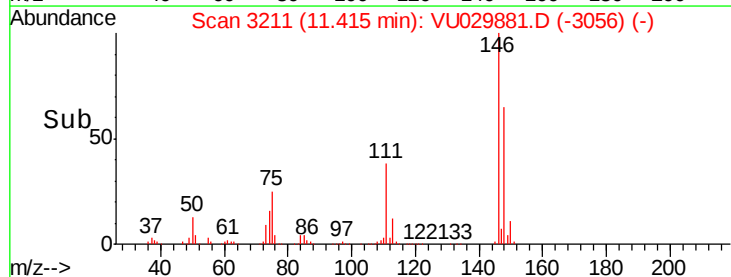
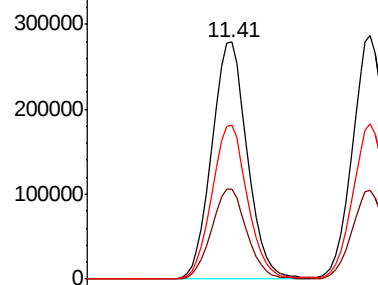


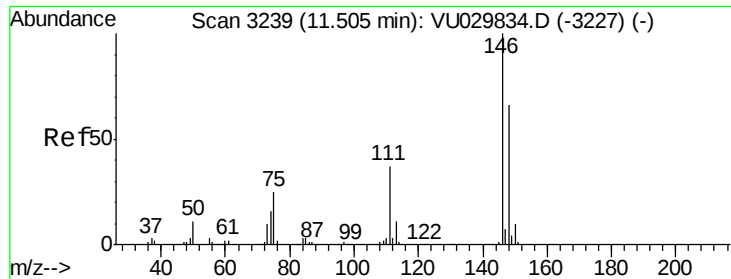
#82
1,3-Dichlorobenzene
Concen: 11.009 ug/l
RT: 11.41 min Scan# 3211
Delta R.T. -0.00 min
Lab File: VU029881.D
Acq: 08 Mar 2019 11:58

Tgt Ion:146 Resp: 446198
Ion Ratio Lower Upper
146 100
111 37.8 30.2 45.4
148 64.8 51.2 76.8



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

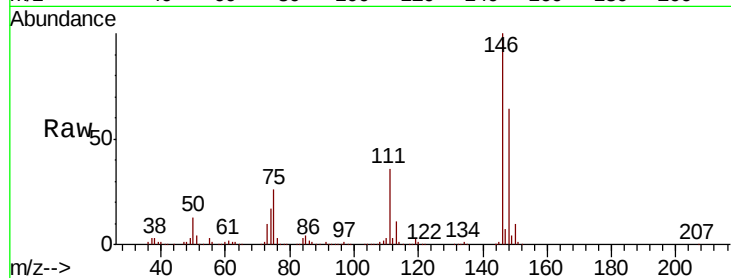




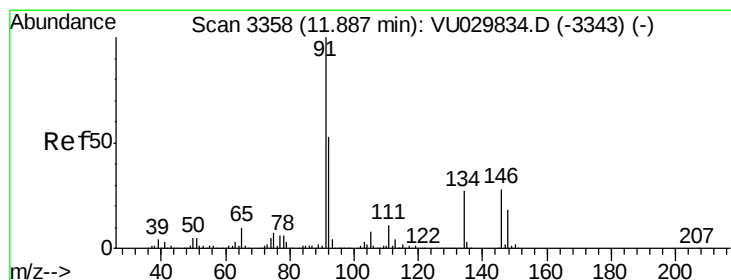
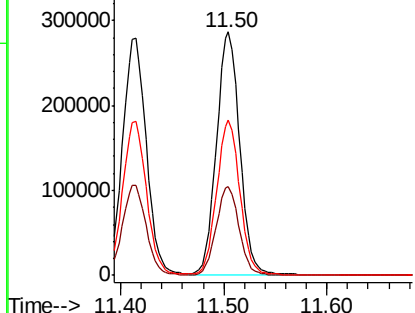
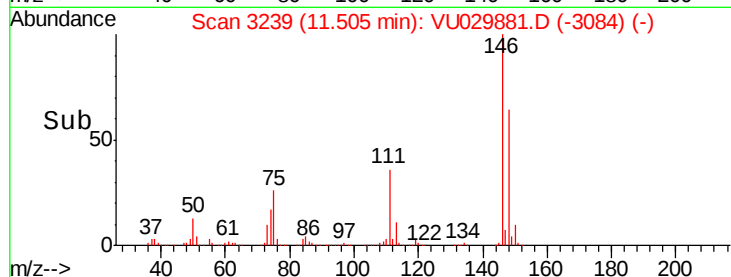
#83
 1,4-Dichlorobenzene
 Concen: 11.331 ug/l
 RT: 11.50 min Scan# 3239
 Delta R.T. -0.00 min
 Lab File: VU029881.D
 Acq: 08 Mar 2019 11:58

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion:146 Resp: 448766
 Ion Ratio Lower Upper
 146 100
 111 36.0 29.4 44.2
 148 63.3 51.7 77.5

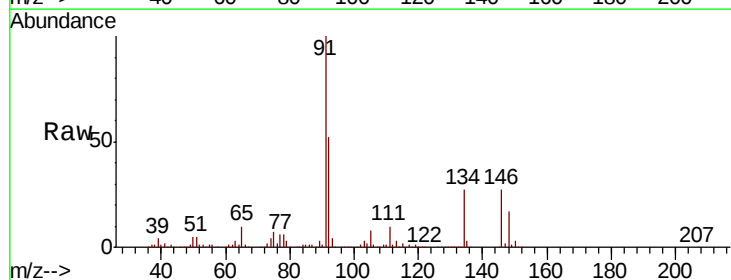


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

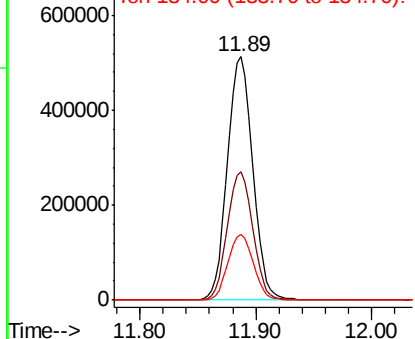
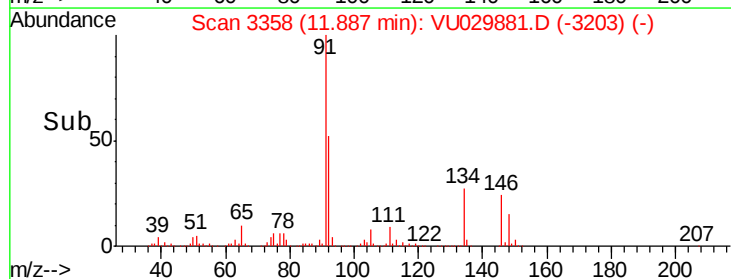


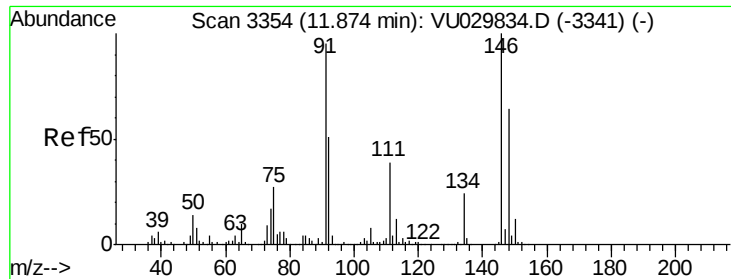
#84
 n-Butylbenzene
 Concen: 11.849 ug/l
 RT: 11.89 min Scan# 3358
 Delta R.T. -0.00 min
 Lab File: VU029881.D
 Acq: 08 Mar 2019 11:58

Tgt Ion: 91 Resp: 771949
 Ion Ratio Lower Upper
 91 100
 92 53.0 42.6 63.8
 134 27.1 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: 11.009 ug/l

RT: 11.87 min Scan# 3354

Delta R.T. -0.00 min

Lab File: VU029881.D

Acq: 08 Mar 2019 11:58

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

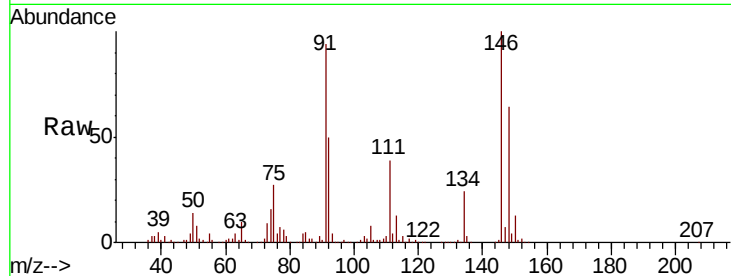
Tgt Ion:146 Resp: 420764

Ion Ratio Lower Upper

146 100

111 39.0 19.9 59.6

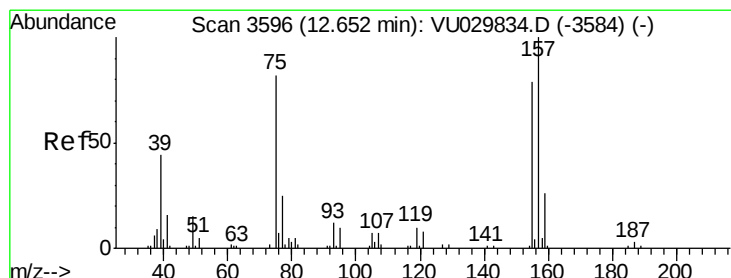
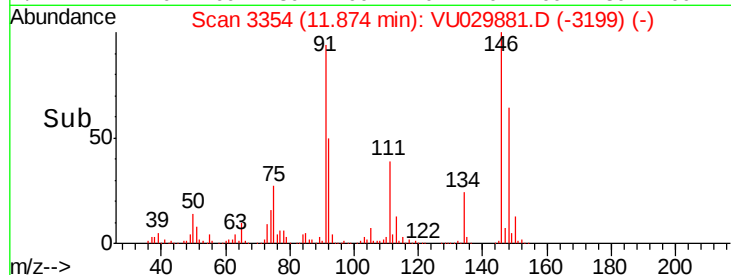
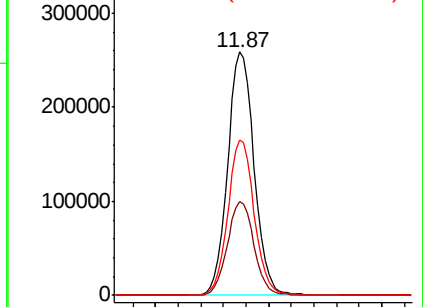
148 63.6 32.1 96.3



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#86

1,2-Dibromo-3-Chloropropane

Concen: 11.097 ug/l

RT: 12.65 min Scan# 3596

Delta R.T. -0.00 min

Lab File: VU029881.D

Acq: 08 Mar 2019 11:58

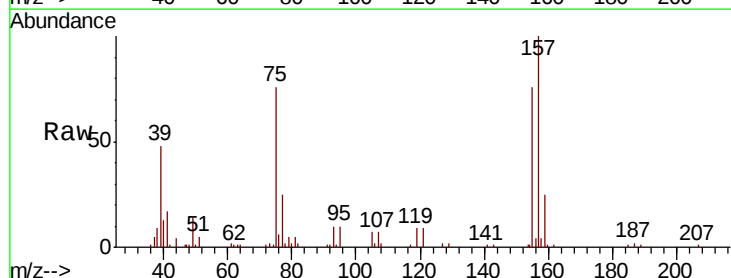
Tgt Ion: 75 Resp: 24924

Ion Ratio Lower Upper

75 100

155 100.6 76.6 114.8

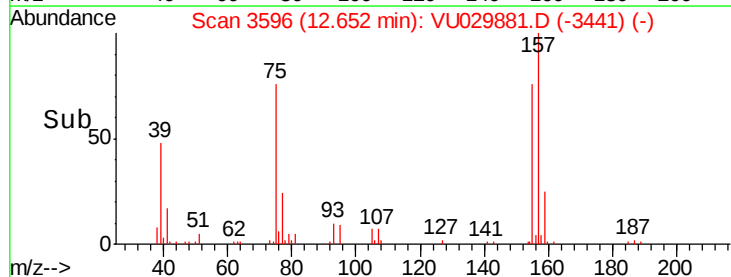
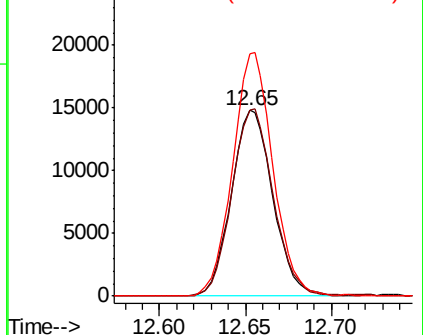
157 126.8 96.2 144.2

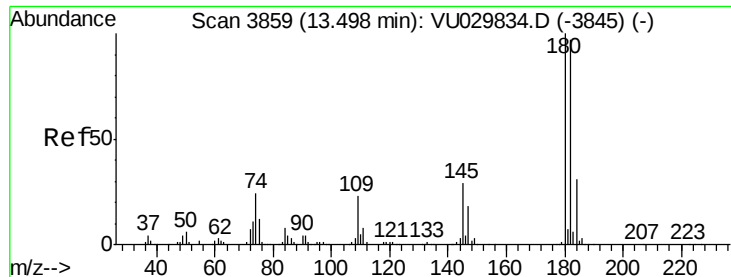


Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V





#87

1,2,4-Trichlorobenzene

Concen: 11.872 ug/l

RT: 13.50 min Scan# 3859

Delta R.T. -0.00 min

Lab File: VU029881.D

Acq: 08 Mar 2019 11:58

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

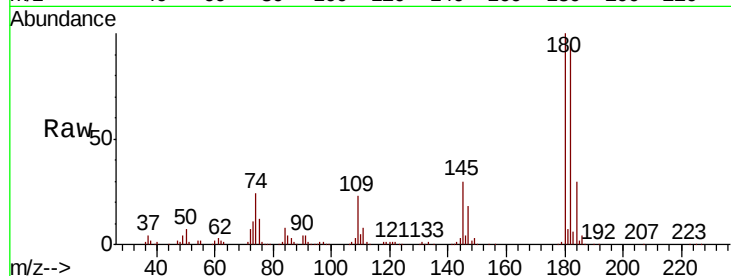
Tgt Ion:180 Resp: 290561

Ion Ratio Lower Upper

180 100

182 96.0 77.5 116.3

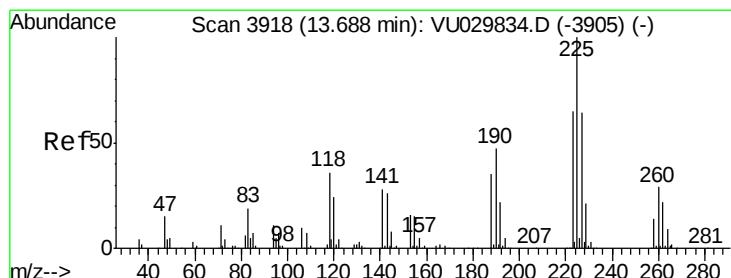
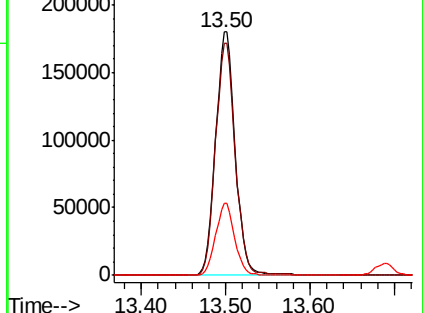
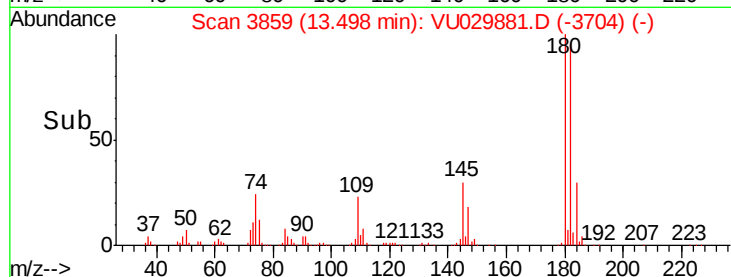
145 28.8 23.6 35.4



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: 11.233 ug/l

RT: 13.69 min Scan# 3918

Delta R.T. -0.00 min

Lab File: VU029881.D

Acq: 08 Mar 2019 11:58

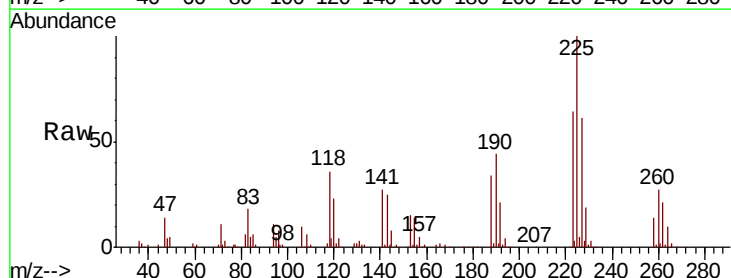
Tgt Ion:225 Resp: 173186

Ion Ratio Lower Upper

225 100

223 62.3 51.2 76.8

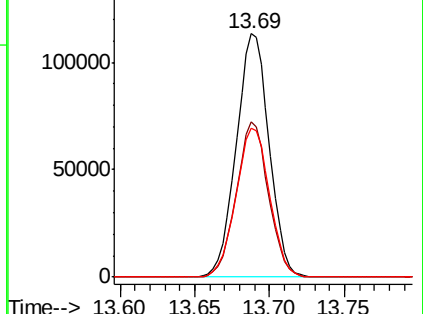
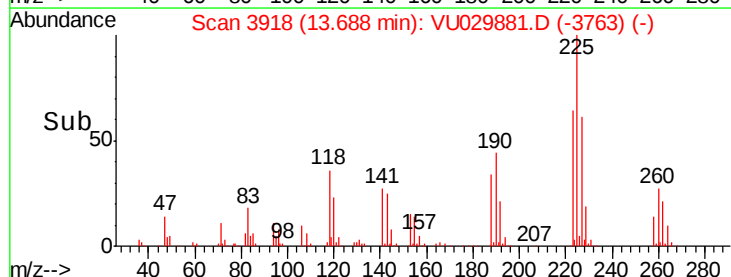
227 62.6 50.9 76.3

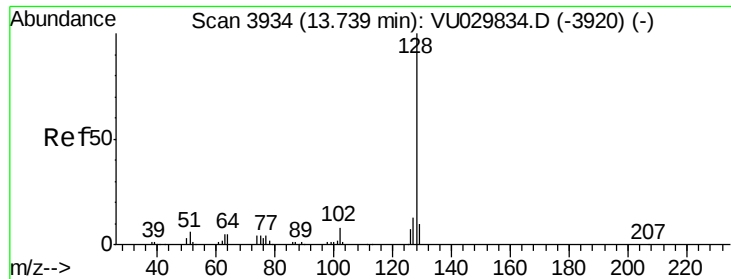


Abundance Ion 224.60 (224.30 to 225.30): V

Ion 222.60 (222.30 to 223.30): V

Ion 226.60 (226.30 to 227.30): V

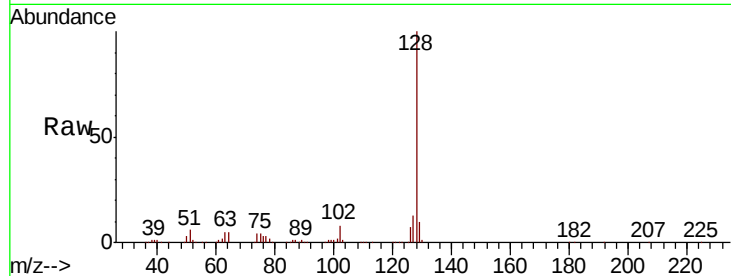




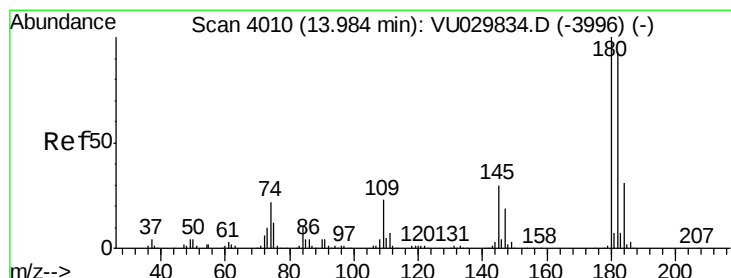
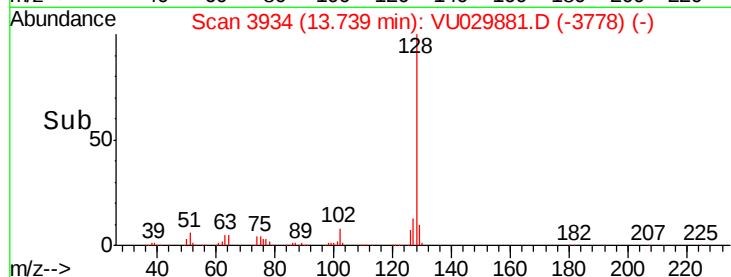
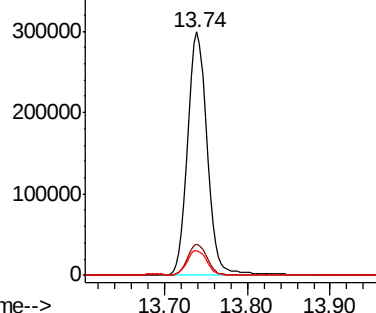
#89
Naphthalene
Concen: 10.355 ug/l
RT: 13.74 min Scan# 3934
Delta R.T. 0.00 min
Lab File: VU029881.D
Acq: 08 Mar 2019 11:58

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion:128 Resp: 491432
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 10.4 8.2 12.4

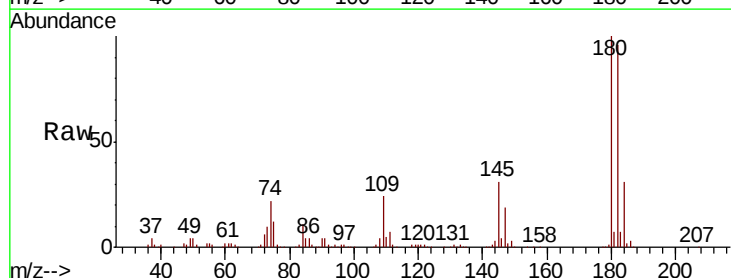


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#90
1,2,3-Trichlorobenzene
Concen: 11.811 ug/l
RT: 13.98 min Scan# 4010
Delta R.T. -0.00 min
Lab File: VU029881.D
Acq: 08 Mar 2019 11:58

Tgt Ion:180 Resp: 271565
Ion Ratio Lower Upper
180 100
182 95.8 74.8 112.2
145 29.9 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

