

Data File : VU029842.D
Acq On : 06 Mar 2019 16:30
Operator : JC/SP
Sample : VSTDCCC010EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Quant Time: Mar 07 01:45:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U030719DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Mar 07 01:34:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.74	96	64747	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.31	95	24950	1.07	ug/l	0.00
Spiked Amount 1.000			Recovery	=	107.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	28119	1.04	ug/l	0.00
Spiked Amount 1.000			Recovery	=	104.00%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	213981	9.877 ug/l	99
3) Chloromethane	1.33	50	183086	9.490 ug/l	100
4) Vinyl Chloride	1.40	62	218297	10.059 ug/l	99
5) Bromomethane	1.62	94	117368	7.919 ug/l	100
6) Chloroethane	1.69	64	129641	9.962 ug/l	98
7) Trichlorofluoromethane	1.88	101	295960	10.007 ug/l	98
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	169151	9.831 ug/l	97
9) 1,1-Dichloroethene	2.28	96	169352	10.056 ug/l	99
10) Iodomethane	2.41	142	193357	10.257 ug/l	99
11) Allyl Chloride	2.59	41	231912	9.796 ug/l	99
12) Acrylonitrile	2.93	53	70803	19.281 ug/l	99
13) Acetone	2.32	43	149091	49.021 ug/l	96
14) Carbon Disulfide	2.47	76	535643	9.821 ug/l	100
15) Methylene Chloride	2.69	84	192522	9.527 ug/l	99
16) trans-1,2-Dichloroethene	2.97	96	187037	9.831 ug/l	100
17) 1,1-Dichloroethane	3.44	63	327802	10.298 ug/l	99
18) 2-Butanone	4.27	43	216689	52.425 ug/l	99
19) Cyclohexane	4.98	56	220511	10.280 ug/l	98
20) Methylcyclohexane	6.41	83	305296	10.606 ug/l	99
21) 2,2-Dichloropropane	4.22	77	258134	9.921 ug/l	100
22) cis-1,2-Dichloroethene	4.22	96	205682	10.201 ug/l	99
23) Diethyl Ether	2.10	59	126896	10.050 ug/l	98
24) tert-Butyl Alcohol	2.83	59	131093	100.651 ug/l	98
25) Methyl tert-Butyl Ether	3.00	73	432935	10.208 ug/l	99
26) Bromochloromethane	4.54	128	91918	10.269 ug/l	97
27) Chloroform	4.67	83	323528	10.037 ug/l	98
28) 1,1,1-Trichloroethane	4.91	97	278031	10.173 ug/l	99
29) 1,1-Dichloropropene	5.13	75	246381	10.145 ug/l	98
30) Carbon Tetrachloride	5.13	117	246683	10.346 ug/l	99
31) Isopropyl Ether	3.58	45	451728	10.289 ug/l	100
32) Ethyl-t-butyl ether	4.07	59	443876	10.401 ug/l	100
33) Tert-Amyl methyl ether	5.58	73	422819	10.714 ug/l	99
34) Propionitrile	4.33	54	66540	54.119 ug/l	98
35) Benzene	5.38	78	735812	10.285 ug/l	99
36) 1,2-Dichloroethane	5.40	62	195999	10.030 ug/l	100
37) Trichloroethene	6.18	130	210042	10.055 ug/l	99
38) 1,2-Dichloropropane	6.43	63	186860	10.318 ug/l	100
39) Methacrylonitrile	4.55	41	53616	10.367 ug/l	99
40) Methyl acrylate	4.42	55	84877	10.383 ug/l	99
41) Tetrahydrofuran	4.65	42	53841	19.904 ug/l	98
42) 1-Chlorobutane	5.06	56	324331	10.453 ug/l	98

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QLast Update : Thu Mar 07 01:34:40 2019
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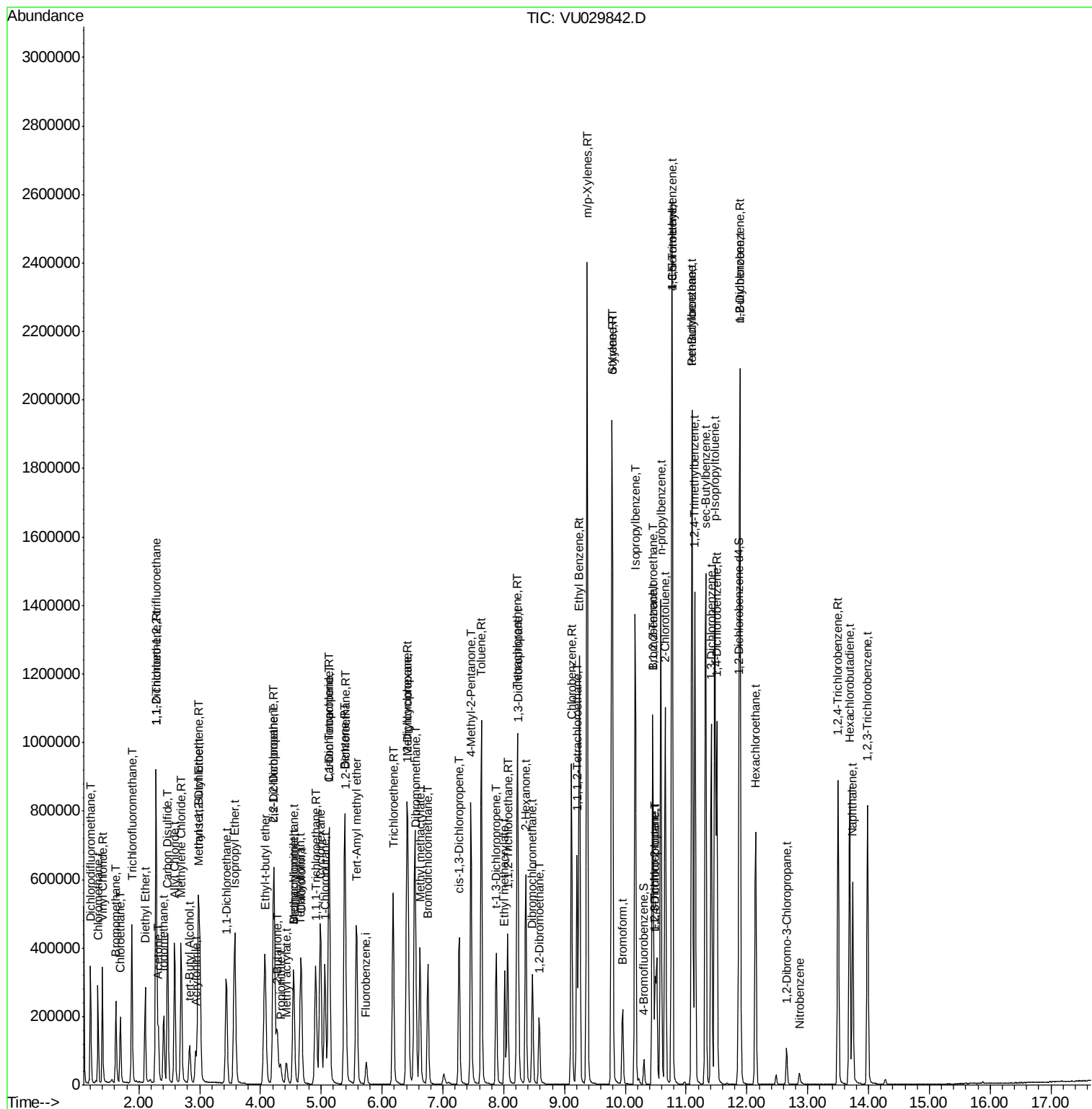
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.56	93	97192	10.355	ug/l	99
44) Bromodichloromethane	6.75	83	238668	10.354	ug/l	99
45) 4-Methyl-2-Pentanone	7.46	43	528671	54.007	ug/l	100
46) t-1,4-Dichloro-2-butene	10.49	75	109340	26.717	ug/l	85
47) Methyl methacrylate	6.62	69	178765	22.195	ug/l	99
48) Ethyl methacrylate	8.02	69	180055	11.668	ug/l	99
49) Toluene	7.63	92	471211	10.725	ug/l	99
50) t-1,3-Dichloropropene	7.88	75	217997	10.791	ug/l	99
51) cis-1,3-Dichloropropene	7.27	75	268141	10.722	ug/l	99
52) 1,1,2-Trichloroethane	8.06	97	142644	10.267	ug/l	97
53) 1,3-Dichloropropane	8.24	76	236506	10.379	ug/l	99
54) 2-Hexanone	8.36	43	371456	54.638	ug/l	100
55) Dibromochloromethane	8.47	129	175469	10.642	ug/l	100
56) 1,2-Dibromoethane	8.59	107	134195	10.187	ug/l	98
58) Tetrachloroethene	8.22	164	215890	10.119	ug/l	99
59) Chlorobenzene	9.12	112	531601	10.528	ug/l	97
60) 1,1,1,2-Tetrachloroethane	9.21	131	187295	10.340	ug/l	99
61) Pentachloroethane	11.10	117	132171	10.481	ug/l	99
62) Hexachloroethane	12.14	117	141695	10.681	ug/l	98
63) Ethyl Benzene	9.24	91	902890	10.916	ug/l	100
64) m/p-Xylenes	9.37	106	728874	22.290	ug/l	100
65) o-Xylene	9.77	106	351875	11.204	ug/l	100
66) Styrene	9.79	104	593702	11.379	ug/l	100
67) Bromoform	9.95	173	106435	10.990	ug/l	100
69) Isopropylbenzene	10.16	105	925641	11.115	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.45	83	180104	10.630	ug/l	99
71) 1,2,3-Trichloropropane	10.49	75	109340	8.683	ug/l #	72
72) Bromobenzene	10.45	156	237839	10.790	ug/l	97
73) n-propylbenzene	10.58	120	263505	11.255	ug/l	99
74) 2-Chlorotoluene	10.66	126	224999	10.834	ug/l	99
75) 1,3,5-Trimethylbenzene	10.77	105	786833	11.215	ug/l	100
76) 4-Chlorotoluene	10.77	126	232236	10.966	ug/l	100
77) tert-Butylbenzene	11.10	119	770108	11.095	ug/l	99
78) 1,2,4-Trimethylbenzene	11.14	105	804545	11.349	ug/l	99
79) sec-Butylbenzene	11.32	105	1044519	11.354	ug/l	100
80) Nitrobenzene	12.86	77	17028	55.361	ug/l	97
81) p-Isopropyltoluene	11.47	119	880301	11.430	ug/l	100
82) 1,3-Dichlorobenzene	11.41	146	466806	10.693	ug/l	100
83) 1,4-Dichlorobenzene	11.50	146	462153	10.834	ug/l	99
84) n-Butylbenzene	11.89	91	805592	11.480	ug/l	99
85) 1,2-Dichlorobenzene	11.87	146	434341	10.551	ug/l	100
86) 1,2-Dibromo-3-Chloropropan	12.65	75	26602	10.996	ug/l	100
87) 1,2,4-Trichlorobenzene	13.50	180	299402	11.357	ug/l	99
88) Hexachlorobutadiene	13.69	225	175180	10.550	ug/l	99
89) Naphthalene	13.74	128	507480	9.946	ug/l	100
90) 1,2,3-Trichlorobenzene	13.98	180	276685	11.172	ug/l	98

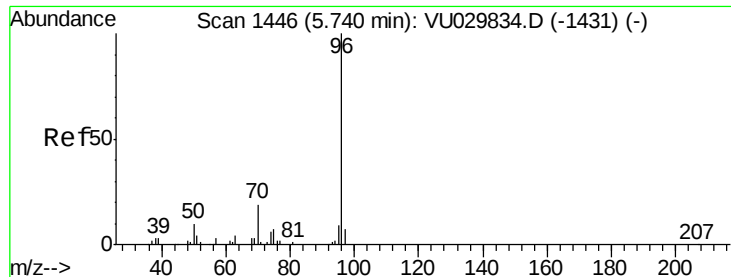
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 5.74 min Scan# 1446

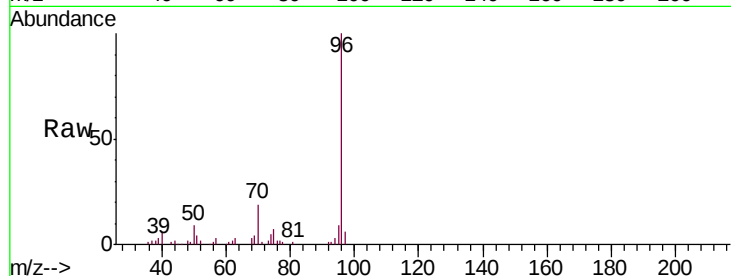
Delta R.T. -0.00 min

Lab File: VU029842.D

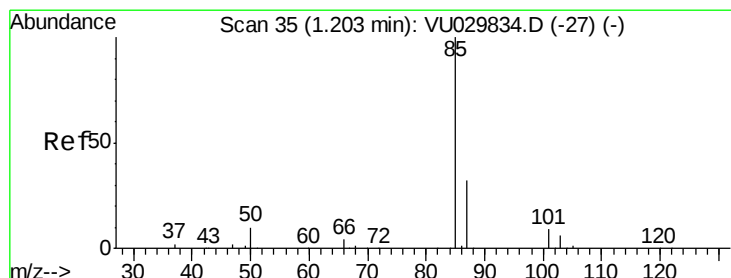
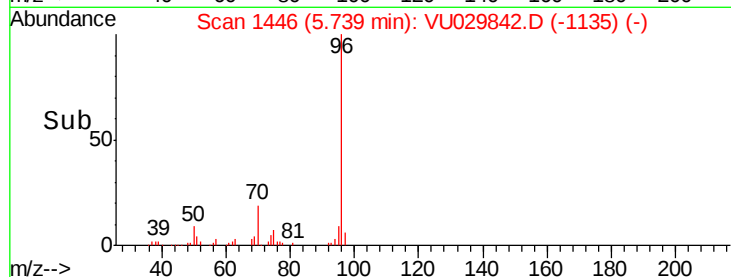
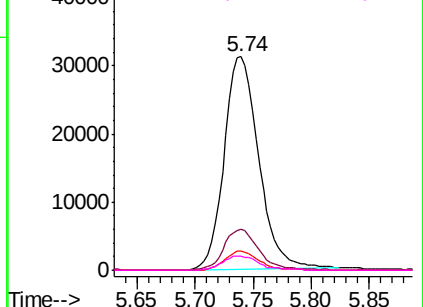
Acq: 06 Mar 2019 16:30

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion:	96	Resp:	64747
Ion	Ratio	Lower	Upper
96	100		
70	19.3	14.4	21.6
95	9.0	7.0	10.6
97	0.0	0.0	0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 70.00 (69.70 to 70.70): VU0
Ion 95.00 (94.70 to 95.70): VU0
Ion 97.00 (96.70 to 97.70): VU0



#2

Dichlorodifluoromethane

Concen: 9.877 ug/l

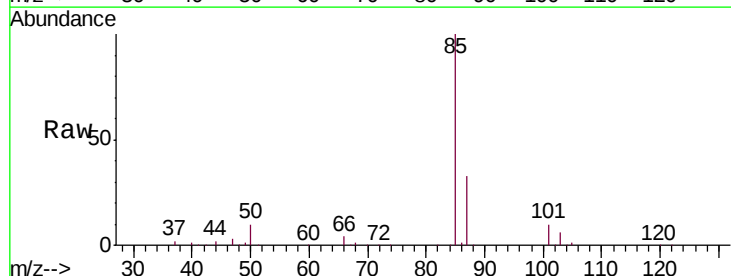
RT: 1.21 min Scan# 36

Delta R.T. 0.00 min

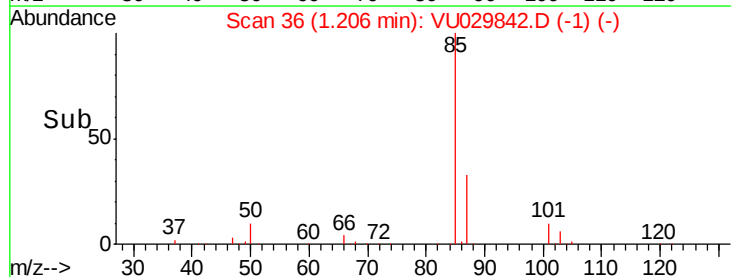
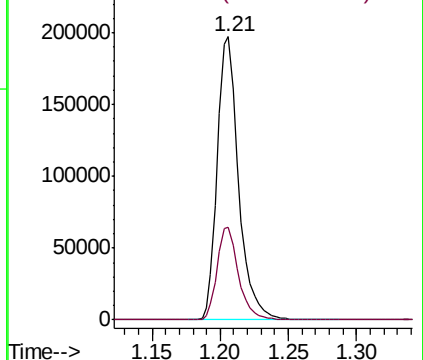
Lab File: VU029842.D

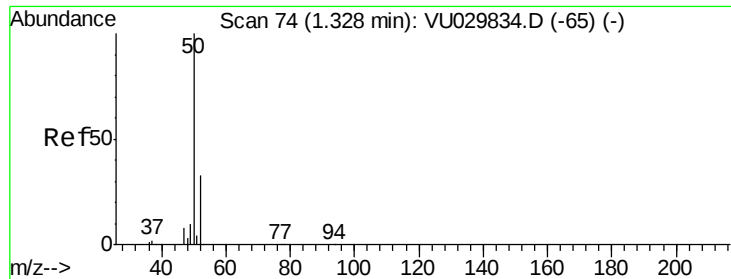
Acq: 06 Mar 2019 16:30

Tgt Ion:	85	Resp:	213981
Ion	Ratio	Lower	Upper
85	100		
87	32.8	16.2	48.6



Abundance Ion 85.00 (84.70 to 85.70): VU0
Ion 87.00 (86.70 to 87.70): VU0





#3

Chloromethane

Concen: 9.490 ug/l

RT: 1.33 min Scan# 74

Delta R.T. -0.00 min

Lab File: VU029842.D

Acq: 06 Mar 2019 16:30

Instrument :

MSVOA_U

ClientSampleId :

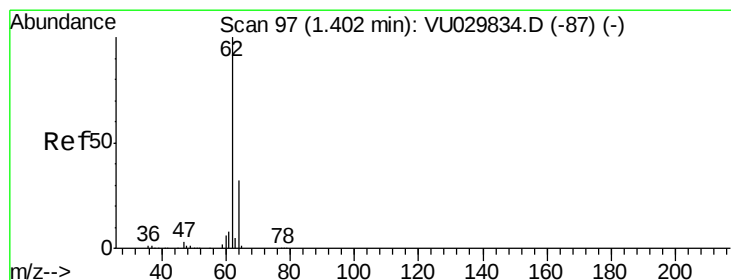
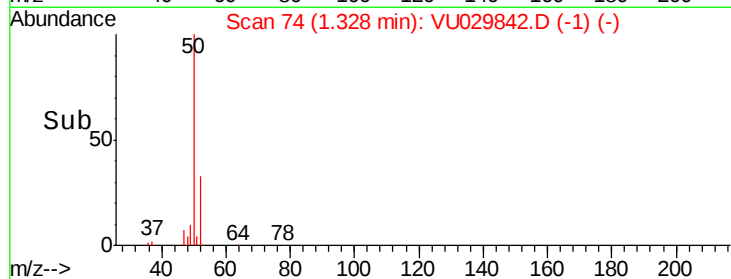
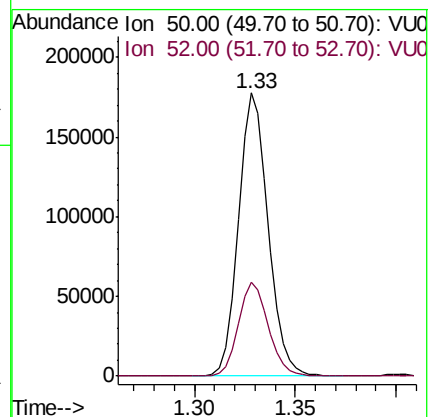
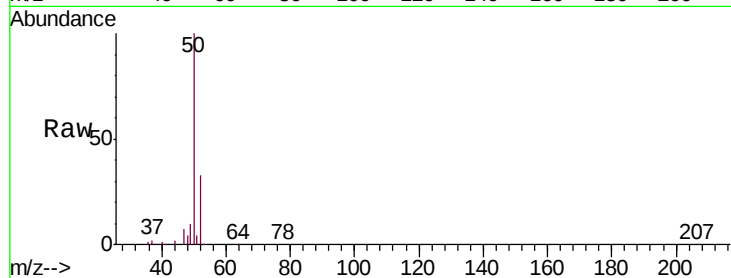
VSTDCCC010EC

Tgt Ion: 50 Resp: 183086

Ion Ratio Lower Upper

50 100

52 33.0 26.5 39.7



#4

Vinyl Chloride

Concen: 10.059 ug/l

RT: 1.40 min Scan# 97

Delta R.T. -0.00 min

Lab File: VU029842.D

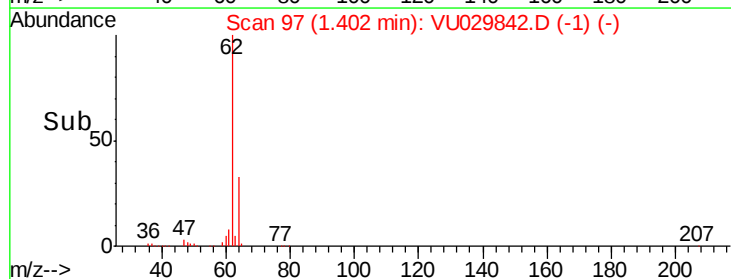
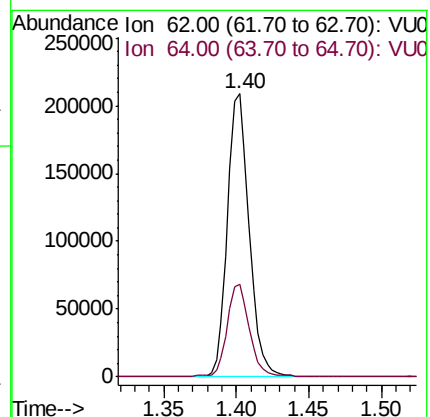
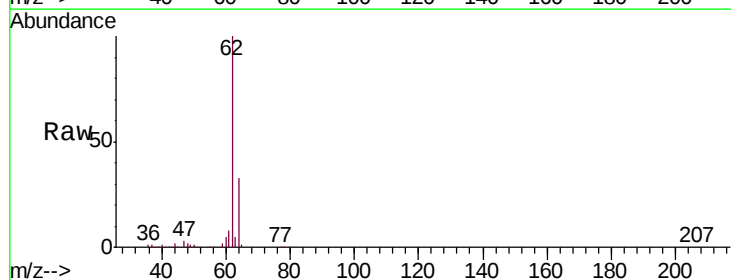
Acq: 06 Mar 2019 16:30

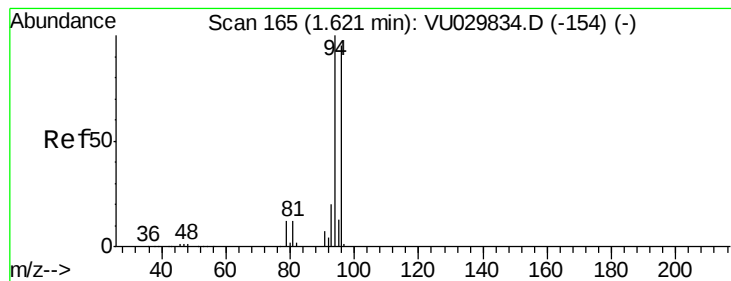
Tgt Ion: 62 Resp: 218297

Ion Ratio Lower Upper

62 100

64 32.6 25.7 38.5





#5

Bromomethane

Concen: 7.919 ug/l

RT: 1.62 min Scan# 165

Delta R.T. -0.00 min

Lab File: VU029842.D

Acq: 06 Mar 2019 16:30

Instrument :

MSVOA_U

ClientSampleId :

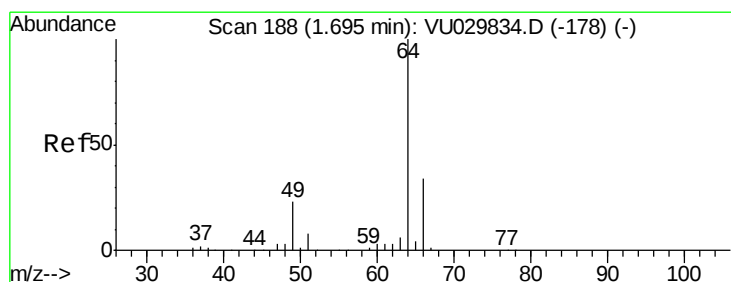
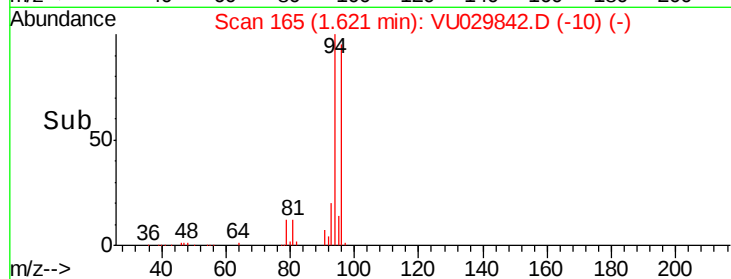
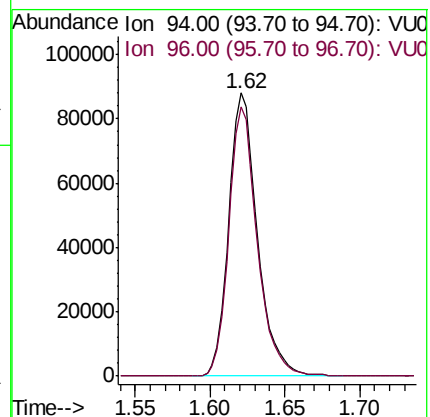
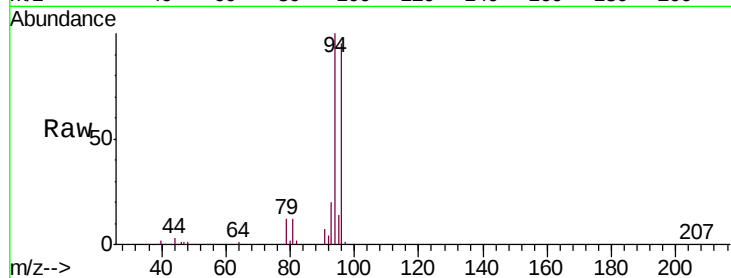
VSTDCCC010EC

Tgt Ion: 94 Resp: 117368

Ion Ratio Lower Upper

94 100

96 95.2 76.4 114.6



#6

Chloroethane

Concen: 9.962 ug/l

RT: 1.69 min Scan# 188

Delta R.T. -0.00 min

Lab File: VU029842.D

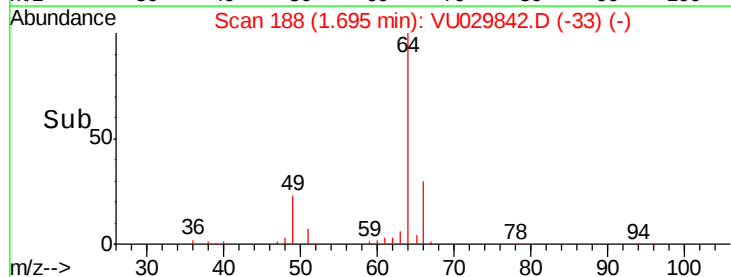
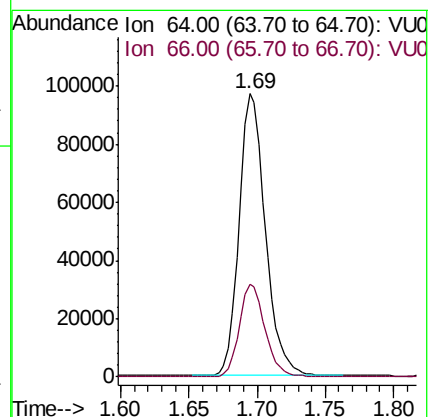
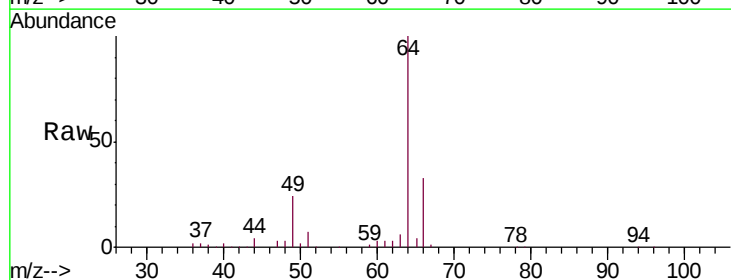
Acq: 06 Mar 2019 16:30

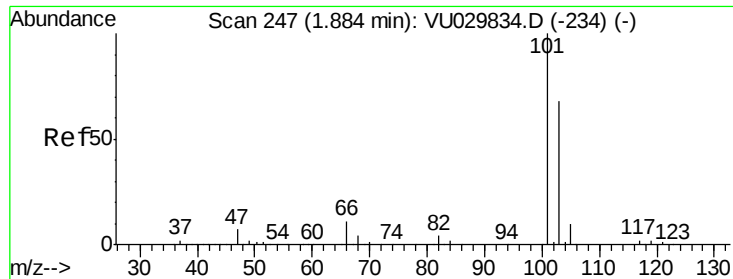
Tgt Ion: 64 Resp: 129641

Ion Ratio Lower Upper

64 100

66 33.0 27.3 40.9



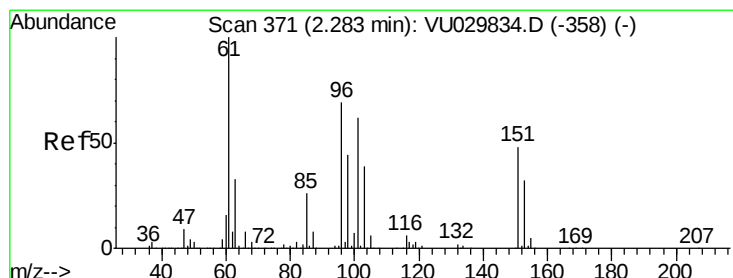
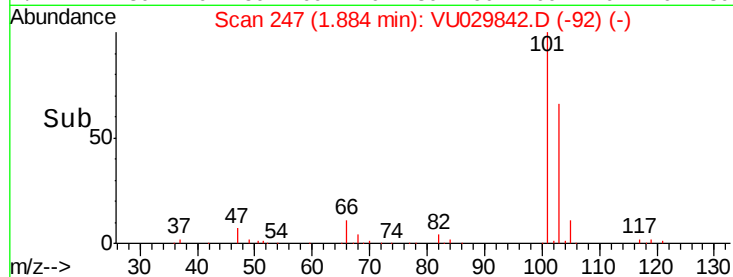
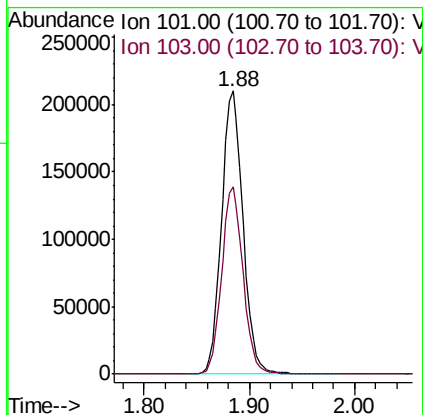
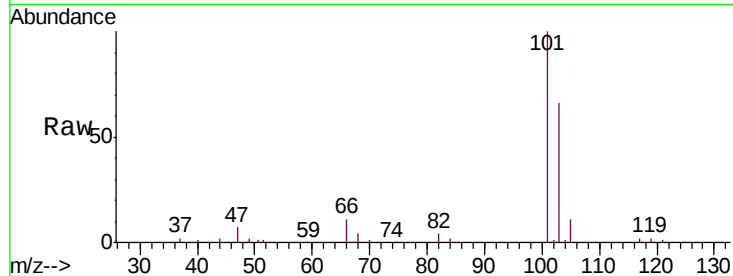


#7

Trichlorofluoromethane
Concen: 10.007 ug/l
RT: 1.88 min Scan# 247
Delta R.T. -0.00 min
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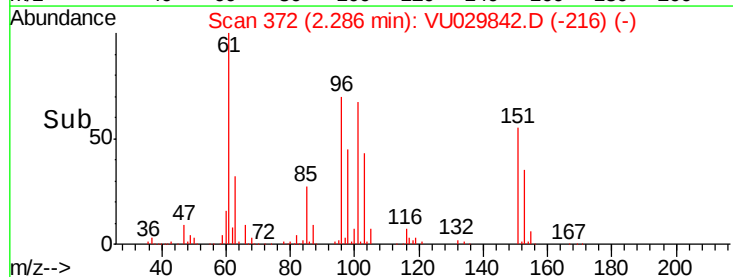
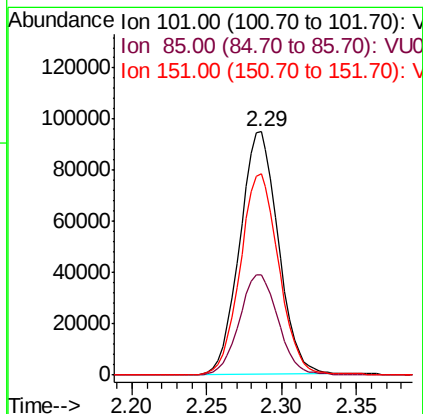
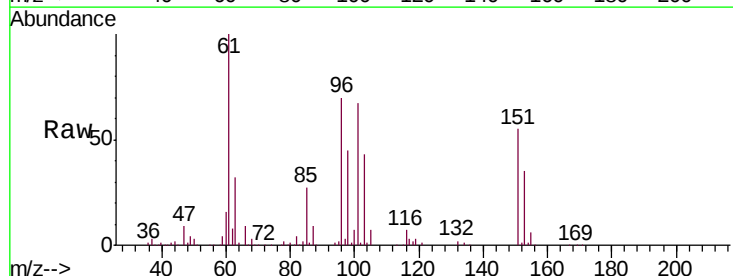
Tgt Ion:101 Resp: 295960
Ion Ratio Lower Upper
101 100
103 66.1 54.2 81.2

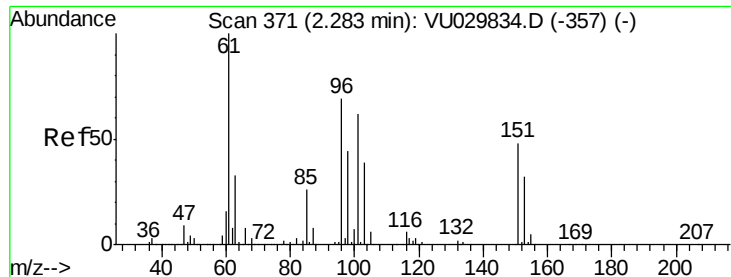


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 9.831 ug/l
RT: 2.29 min Scan# 372
Delta R.T. 0.00 min
Lab File: VU029842.D
Acq: 06 Mar 2019 16:30

Tgt Ion:101 Resp: 169151
Ion Ratio Lower Upper
101 100
85 42.1 33.4 50.0
151 84.2 64.6 97.0





#9

1,1-Dichloroethene

Concen: 10.056 ug/l

RT: 2.28 min Scan# 371

Delta R.T. -0.00 min

Lab File: VU029842.D

Acq: 06 Mar 2019 16:30

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

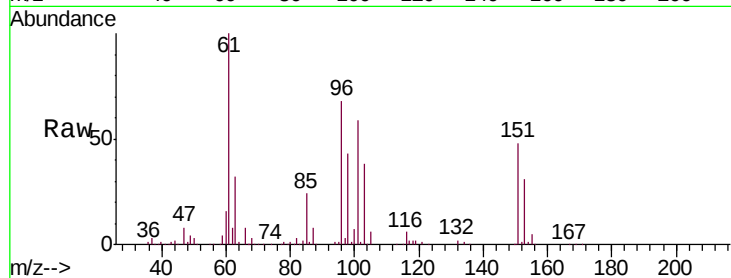
Tgt Ion: 96 Resp: 169352

Ion Ratio Lower Upper

96 100

61 146.7 0.0 435.3

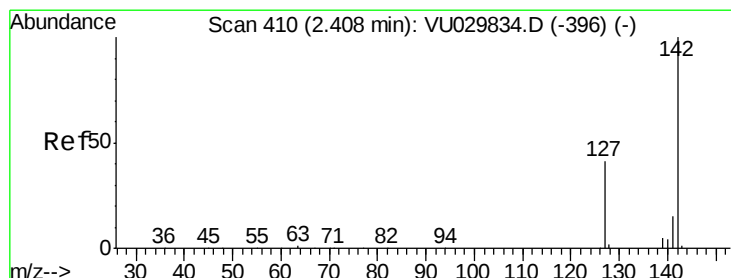
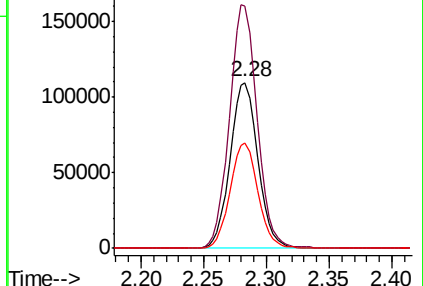
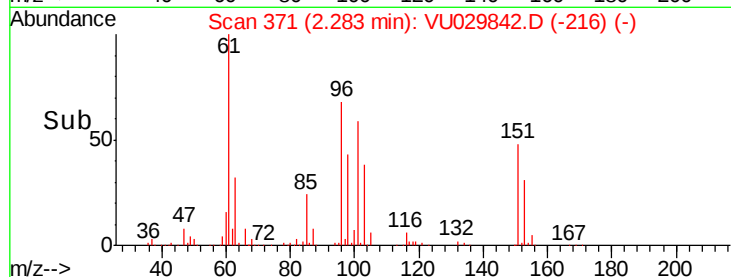
98 63.6 0.0 128.6



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0



#10

Iodomethane

Concen: 10.257 ug/l

RT: 2.41 min Scan# 410

Delta R.T. 0.00 min

Lab File: VU029842.D

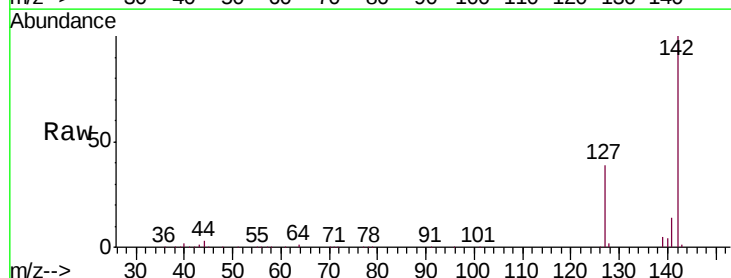
Acq: 06 Mar 2019 16:30

Tgt Ion: 142 Resp: 193357

Ion Ratio Lower Upper

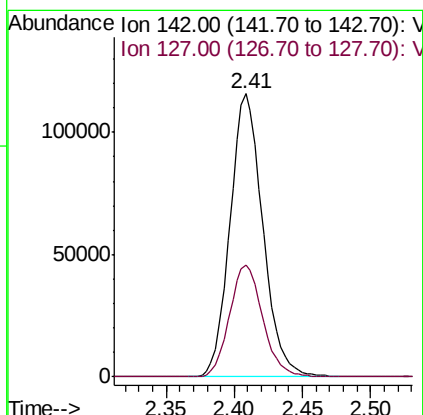
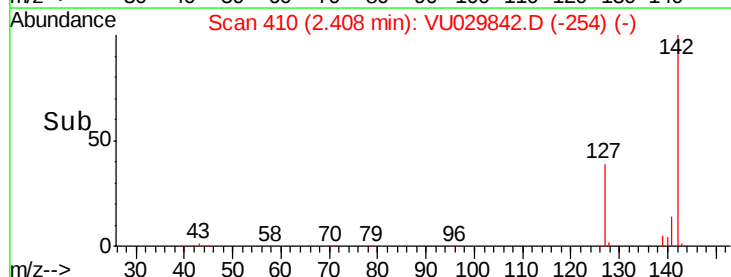
142 100

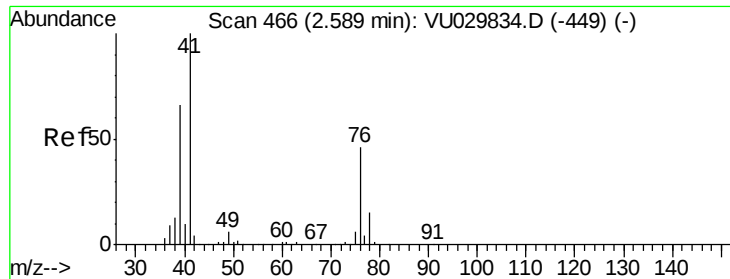
127 39.9 32.3 48.5



Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

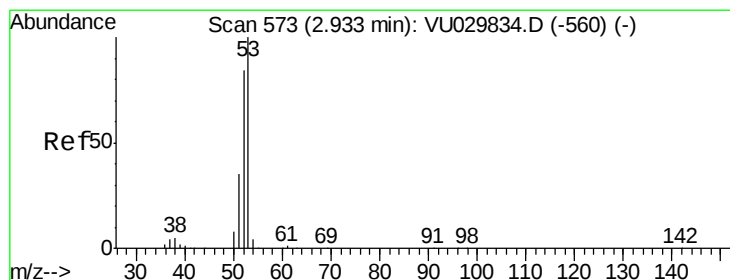
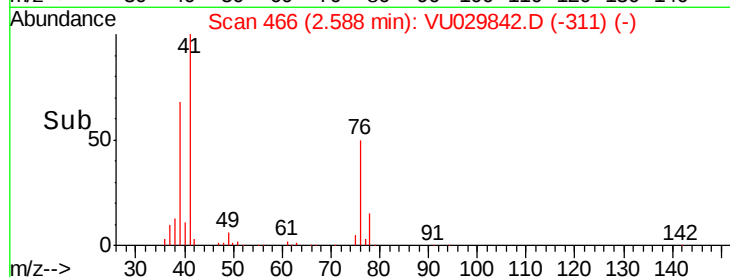
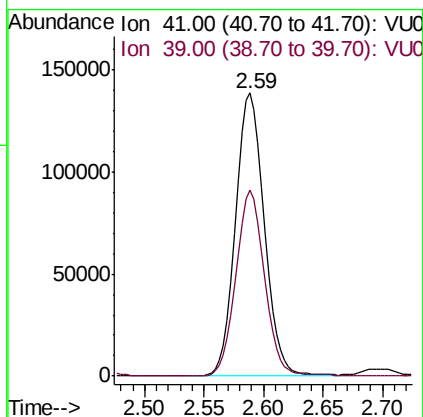
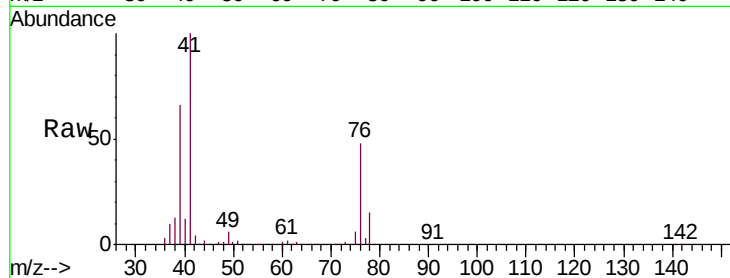




#11
 Allyl Chloride
 Concen: 9.796 ug/l
 RT: 2.59 min Scan# 466
 Delta R.T. -0.00 min
 Lab File: VU029842.D
 Acq: 06 Mar 2019 16:30

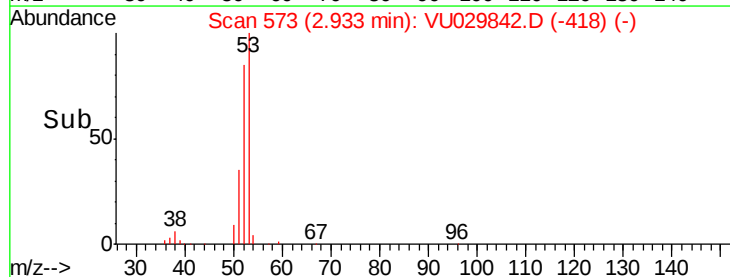
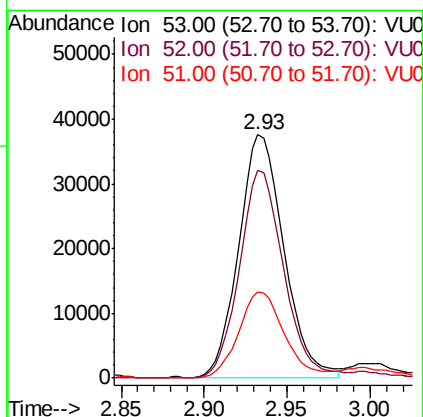
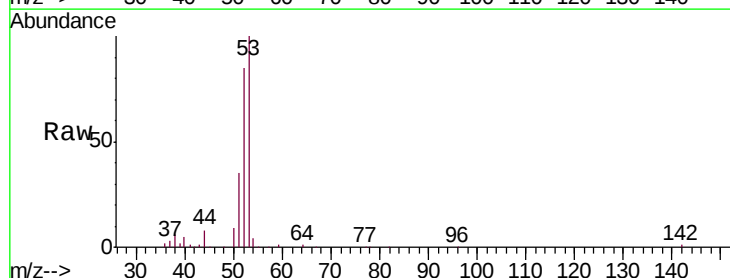
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

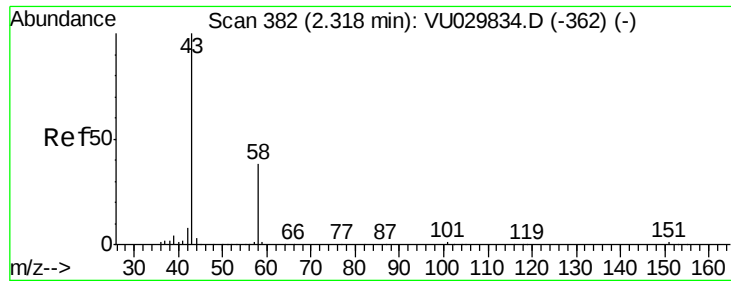
Tgt Ion: 41 Resp: 231912
 Ion Ratio Lower Upper
 41 100
 39 65.4 51.6 77.4



#12
 Acrylonitrile
 Concen: 19.281 ug/l
 RT: 2.93 min Scan# 573
 Delta R.T. -0.00 min
 Lab File: VU029842.D
 Acq: 06 Mar 2019 16:30

Tgt Ion: 53 Resp: 70803
 Ion Ratio Lower Upper
 53 100
 52 84.3 66.5 99.7
 51 35.9 28.6 42.8





#13

Acetone

Concen: 49.021 ug/l

RT: 2.32 min Scan# 382

Delta R.T. -0.00 min

Lab File: VU029842.D

Acq: 06 Mar 2019 16:30

Instrument :

MSVOA_U

ClientSampleId :

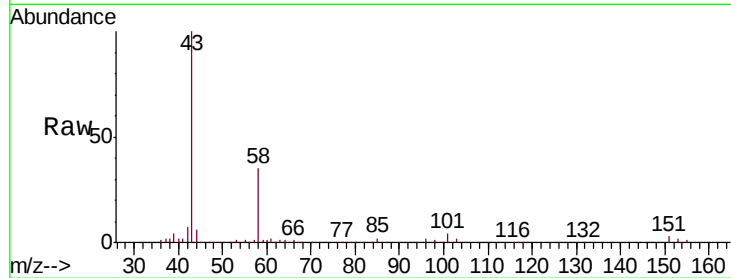
VSTDCCC010EC

Tgt Ion: 43 Resp: 149091

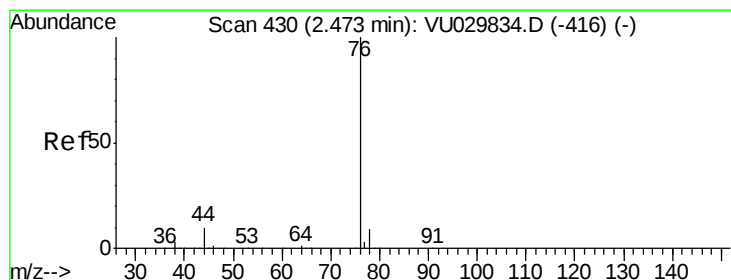
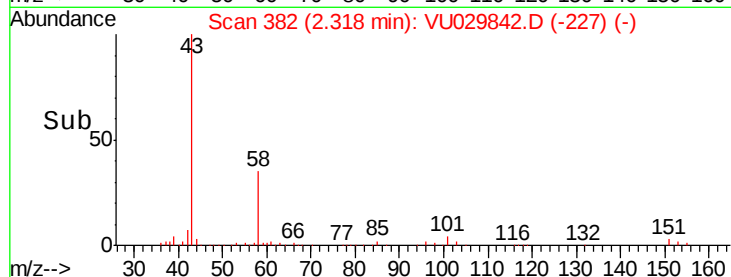
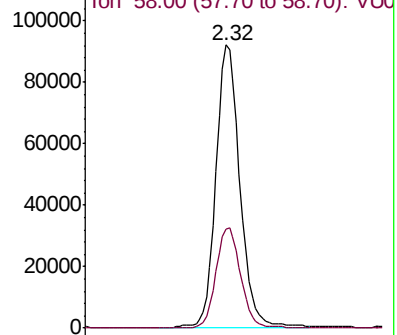
Ion Ratio Lower Upper

43 100

58 35.3 30.2 45.2



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



#14

Carbon Disulfide

Concen: 9.821 ug/l

RT: 2.47 min Scan# 430

Delta R.T. -0.00 min

Lab File: VU029842.D

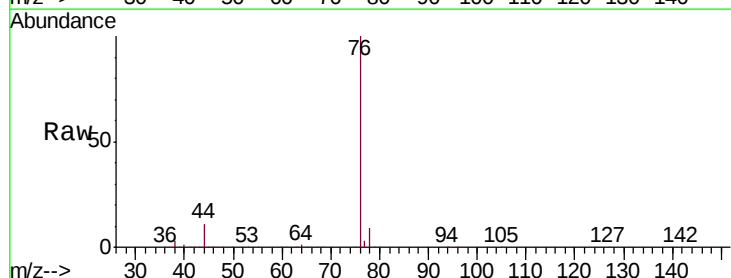
Acq: 06 Mar 2019 16:30

Tgt Ion: 76 Resp: 535643

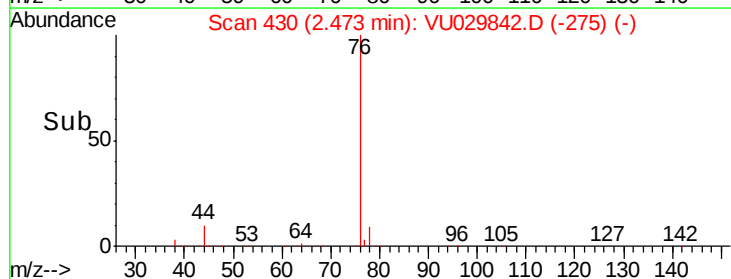
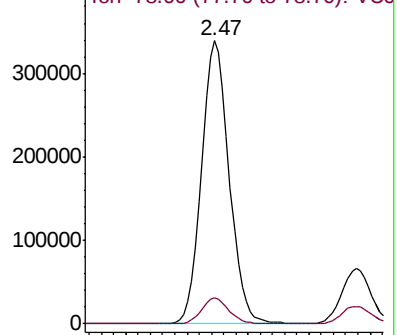
Ion Ratio Lower Upper

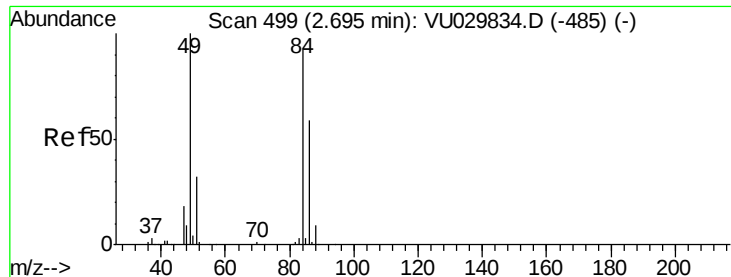
76 100

78 9.1 7.2 10.8



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

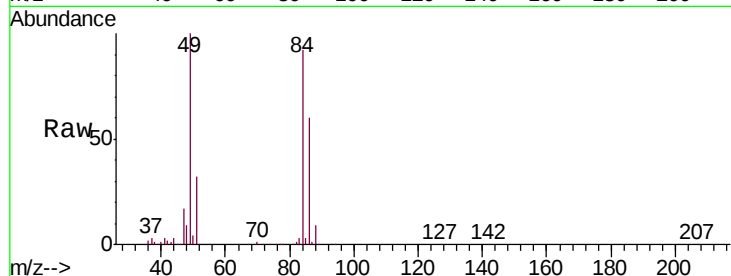




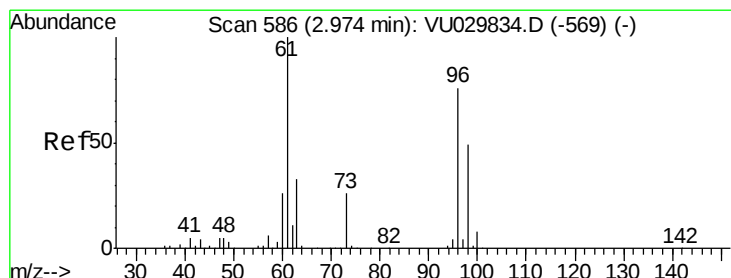
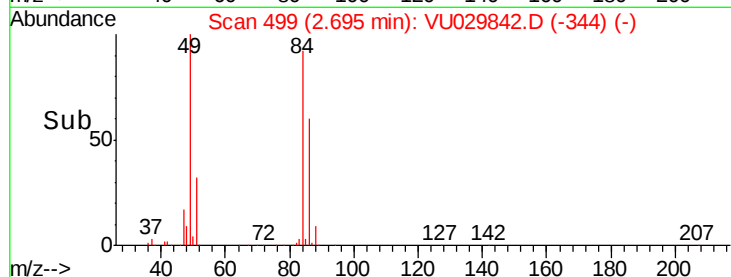
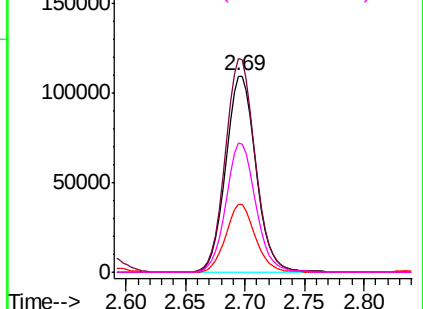
#15
Methylene Chloride
Concen: 9.527 ug/l
RT: 2.69 min Scan# 499
Delta R.T. -0.00 min
Lab File: VU029842.D
Acq: 06 Mar 2019 16:30

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion:	84	Resp:	192522
Ion	Ratio	Lower	Upper
84	100		
49	109.0	87.2	130.8
51	34.6	0.0	69.0
86	65.7	51.3	76.9

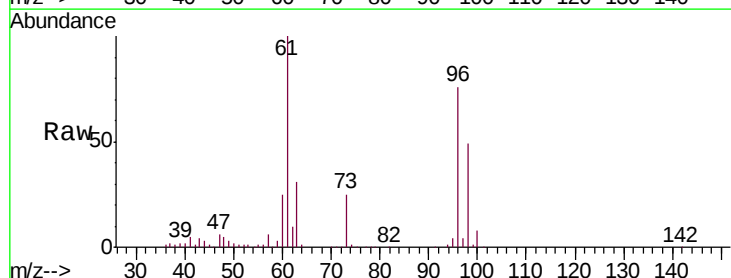


Abundance Ion 84.00 (83.70 to 84.70): VU0
Ion 49.00 (48.70 to 49.70): VU0
Ion 51.00 (50.70 to 51.70): VU0
Ion 86.00 (85.70 to 86.70): VU0

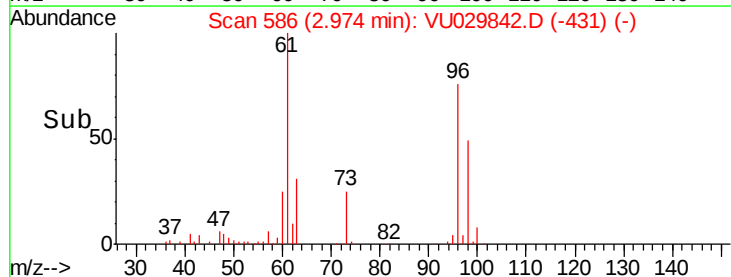
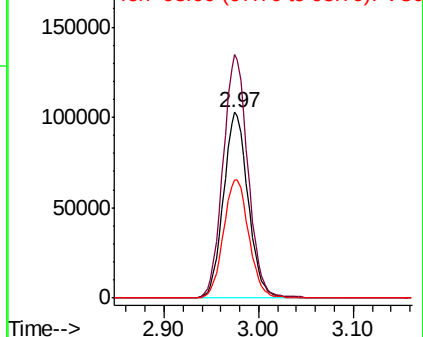


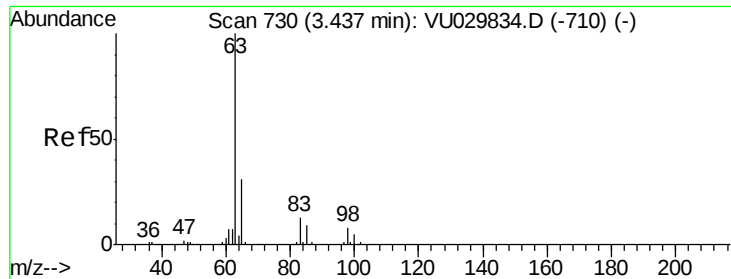
#16
trans-1,2-Dichloroethene
Concen: 9.831 ug/l
RT: 2.97 min Scan# 586
Delta R.T. -0.00 min
Lab File: VU029842.D
Acq: 06 Mar 2019 16:30

Tgt Ion:	96	Resp:	187037
Ion	Ratio	Lower	Upper
96	100		
61	130.9	104.7	157.1
98	63.9	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

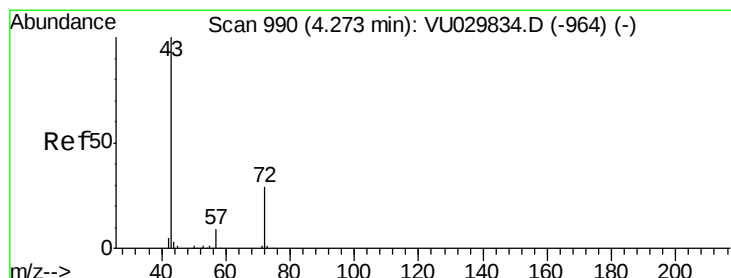
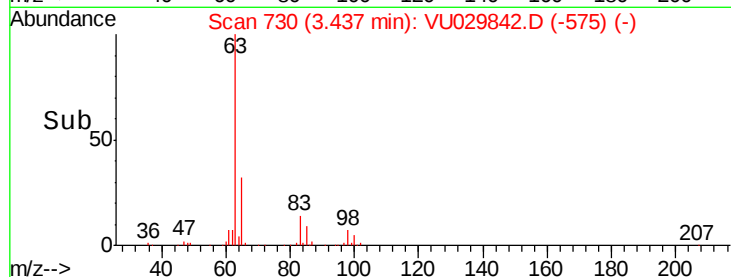
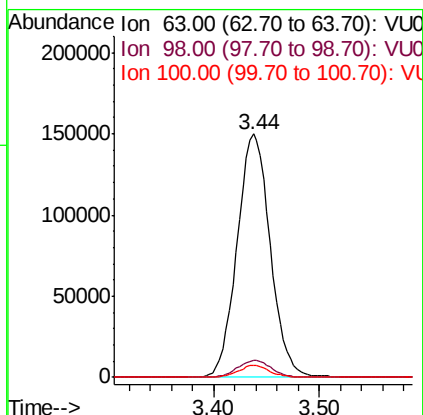
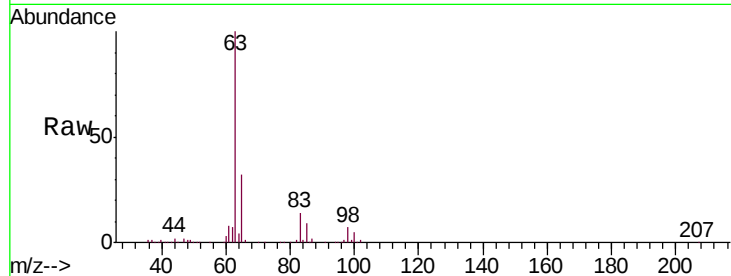




#17
 1,1-Dichloroethane
 Concen: 10.298 ug/l
 RT: 3.44 min Scan# 730
 Delta R.T. -0.00 min
 Lab File: VU029842.D
 Acq: 06 Mar 2019 16:30

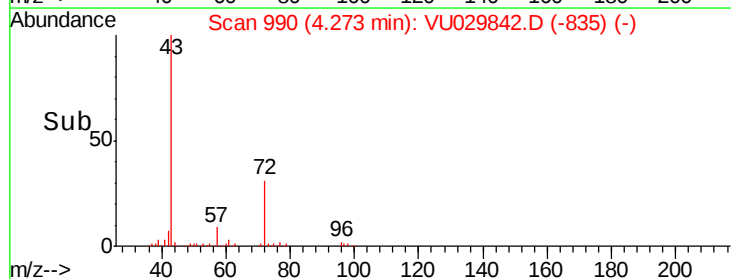
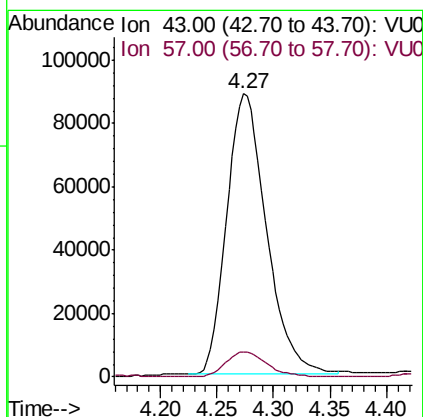
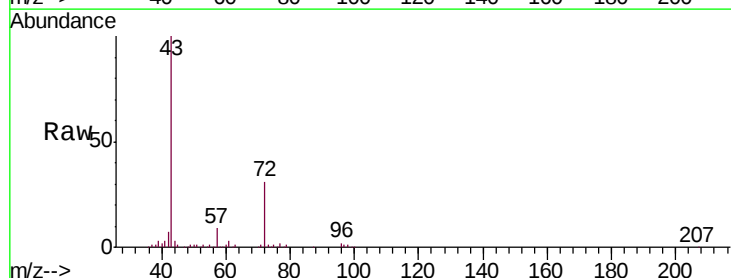
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

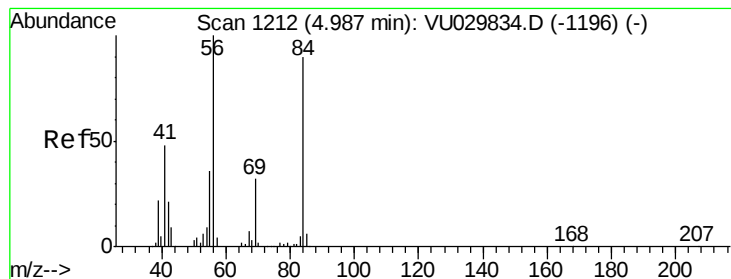
Tgt Ion: 63 Resp: 327802
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.8 11.4
 100 4.9 2.4 7.1



#18
 2-Butanone
 Concen: 52.425 ug/l
 RT: 4.27 min Scan# 990
 Delta R.T. -0.00 min
 Lab File: VU029842.D
 Acq: 06 Mar 2019 16:30

Tgt Ion: 43 Resp: 216689
 Ion Ratio Lower Upper
 43 100
 57 8.8 0.0 18.6





#19

Cyclohexane

Concen: 10.280 ug/l

RT: 4.98 min Scan# 1211

Delta R.T. -0.00 min

Lab File: VU029842.D

Acq: 06 Mar 2019 16:30

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

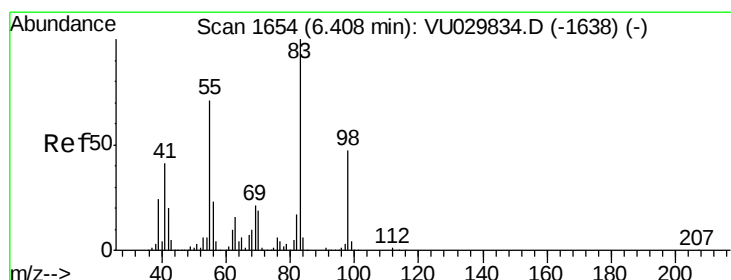
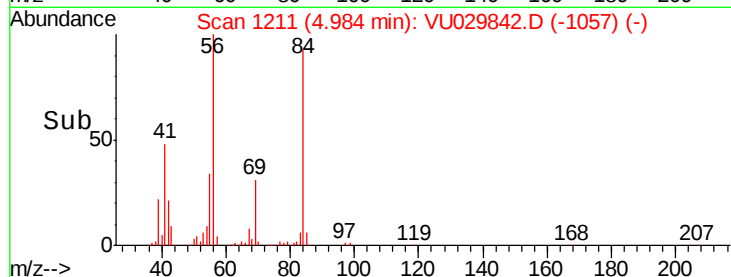
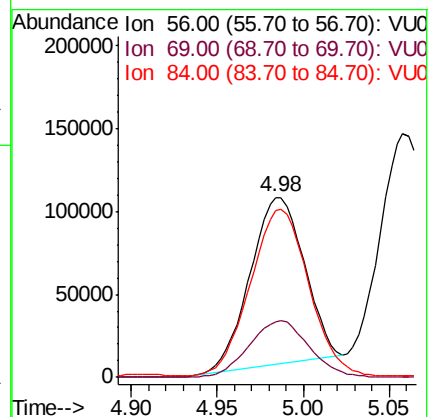
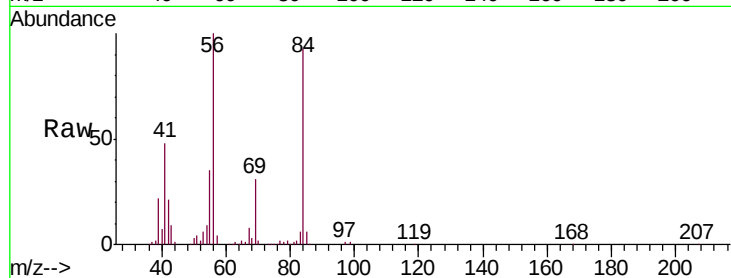
Tgt Ion: 56 Resp: 220511

Ion Ratio Lower Upper

56 100

69 37.4 29.4 44.2

84 108.1 84.6 127.0



#20

Methylcyclohexane

Concen: 10.606 ug/l

RT: 6.41 min Scan# 1654

Delta R.T. -0.00 min

Lab File: VU029842.D

Acq: 06 Mar 2019 16:30

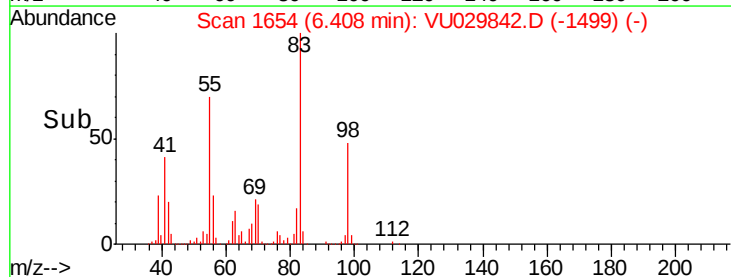
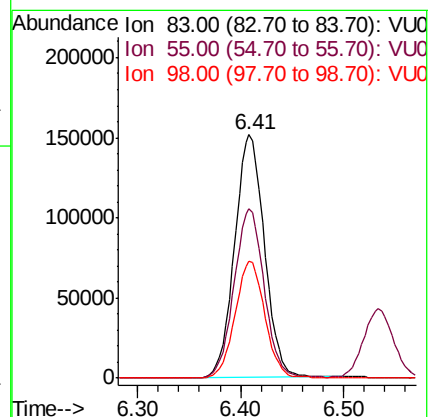
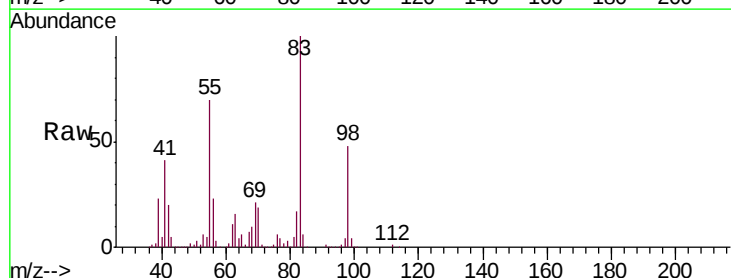
Tgt Ion: 83 Resp: 305296

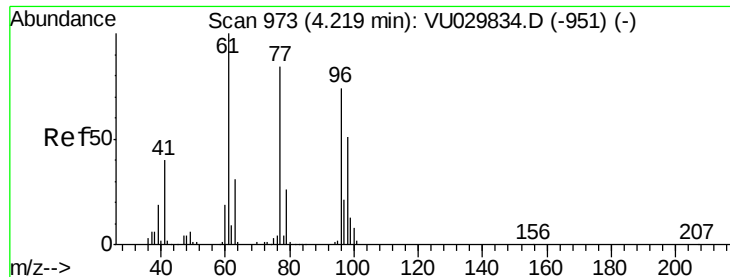
Ion Ratio Lower Upper

83 100

55 69.8 55.9 83.9

98 47.9 37.0 55.4

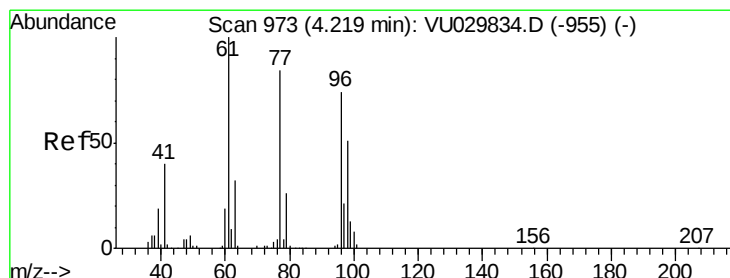
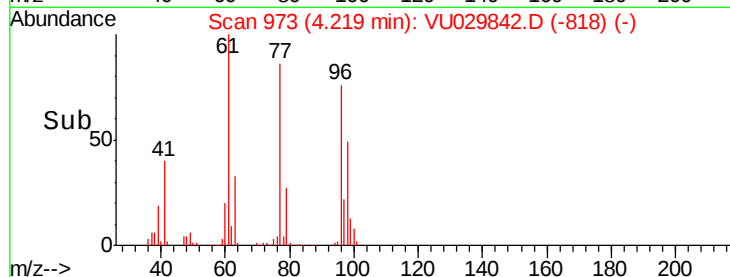
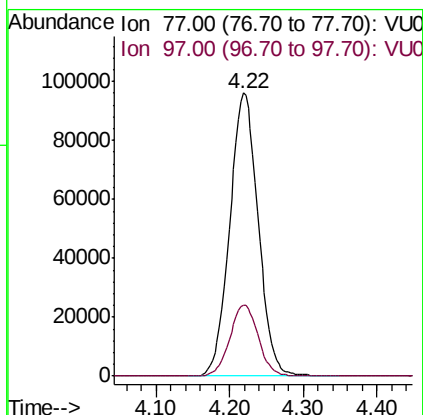
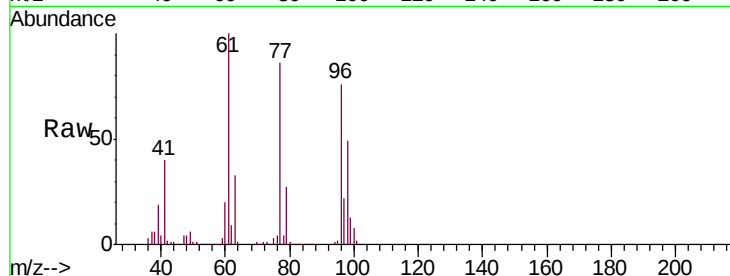




#21
 2,2-Dichloropropane
 Concen: 9.921 ug/l
 RT: 4.22 min Scan# 973
 Delta R.T. -0.00 min
 Lab File: VU029842.D
 Acq: 06 Mar 2019 16:30

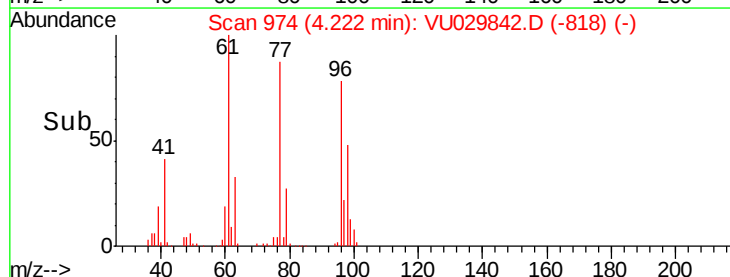
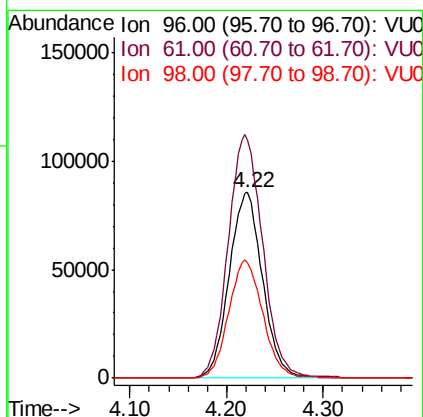
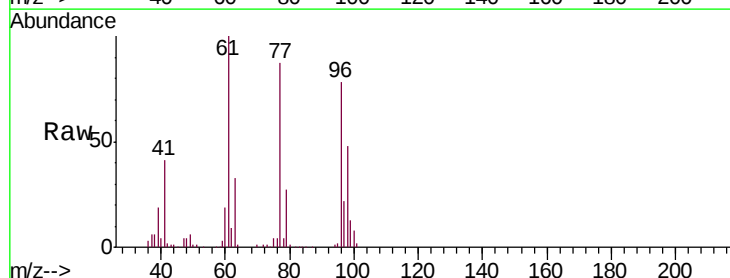
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

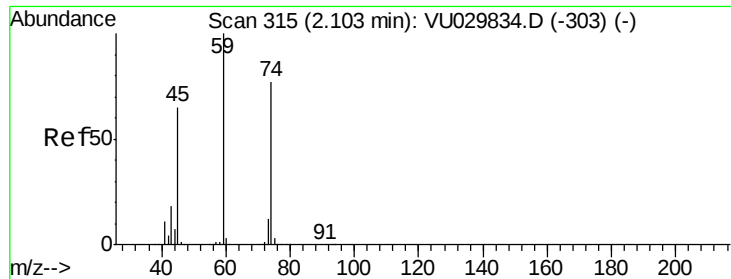
Tgt Ion: 77 Resp: 258134
 Ion Ratio Lower Upper
 77 100
 97 25.1 20.2 30.2



#22
 cis-1,2-Dichloroethene
 Concen: 10.201 ug/l
 RT: 4.22 min Scan# 974
 Delta R.T. 0.00 min
 Lab File: VU029842.D
 Acq: 06 Mar 2019 16:30

Tgt Ion: 96 Resp: 205682
 Ion Ratio Lower Upper
 96 100
 61 135.4 0.0 339.0
 98 64.9 33.1 99.5

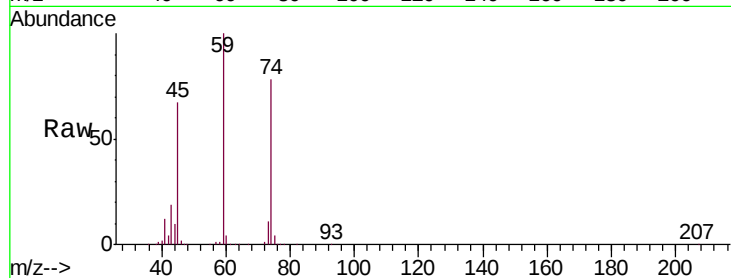




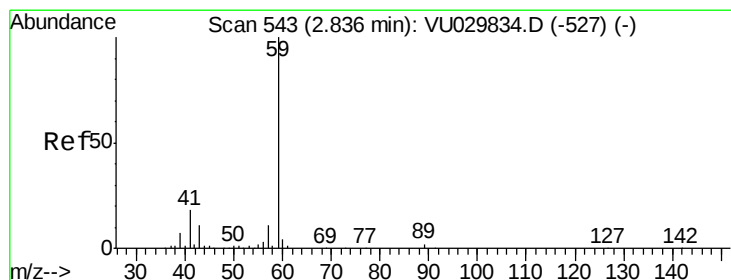
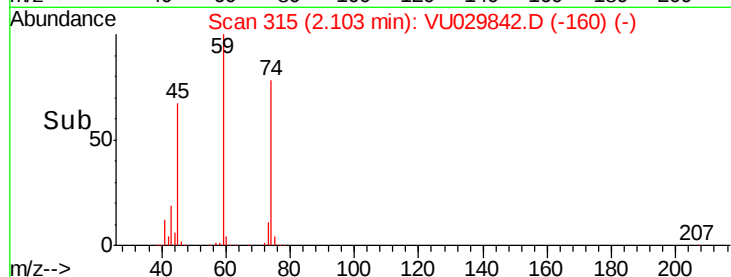
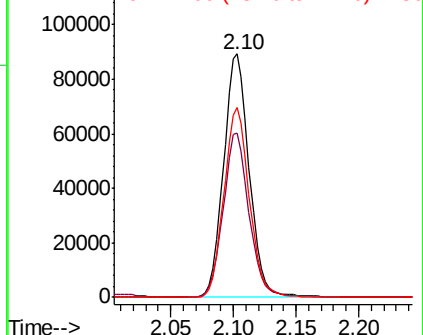
#23
Diethyl Ether
Concen: 10.050 ug/l
RT: 2.10 min Scan# 315
Delta R.T. -0.00 min
Lab File: VU029842.D
Acq: 06 Mar 2019 16:30

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 59 Resp: 126896
Ion Ratio Lower Upper
59 100
45 68.2 52.7 79.1
74 77.7 61.8 92.6

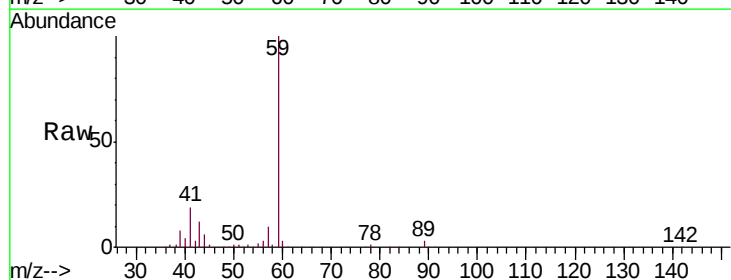


Abundance Ion 59.00 (58.70 to 59.70): VU0
Ion 45.00 (44.70 to 45.70): VU0
Ion 74.00 (73.70 to 74.70): VU0

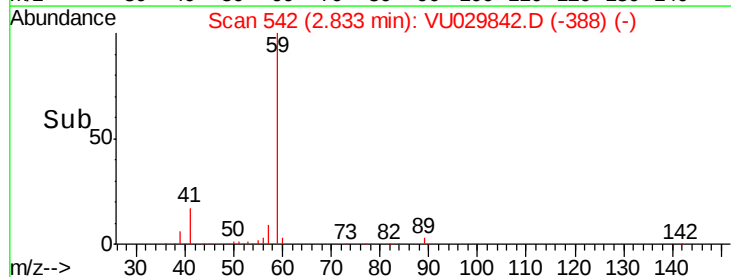
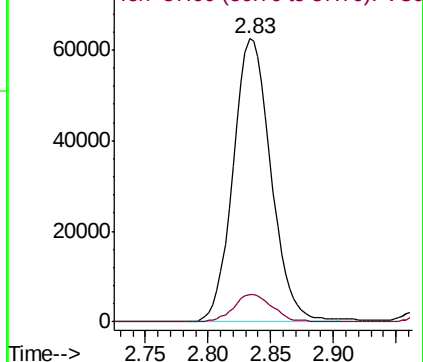


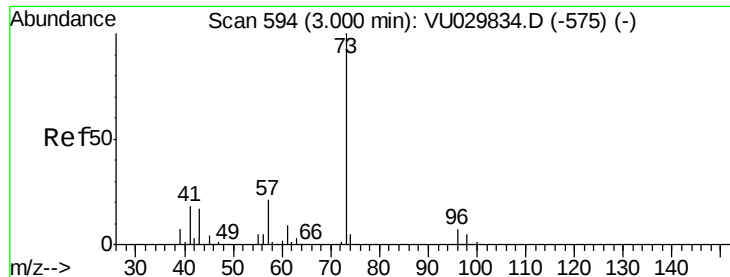
#24
tert-Butyl Alcohol
Concen: 100.651 ug/l
RT: 2.83 min Scan# 542
Delta R.T. -0.00 min
Lab File: VU029842.D
Acq: 06 Mar 2019 16:30

Tgt Ion: 59 Resp: 131093
Ion Ratio Lower Upper
59 100
57 10.0 8.5 12.7



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



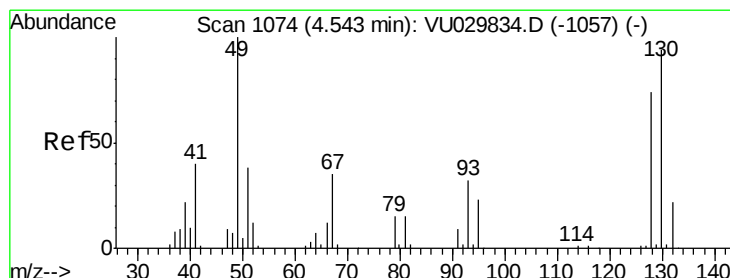
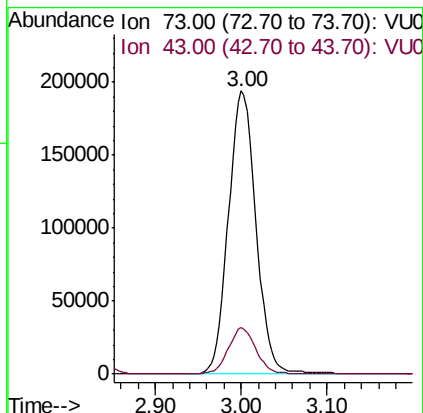
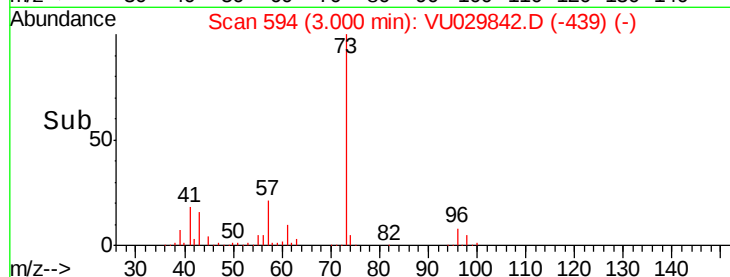
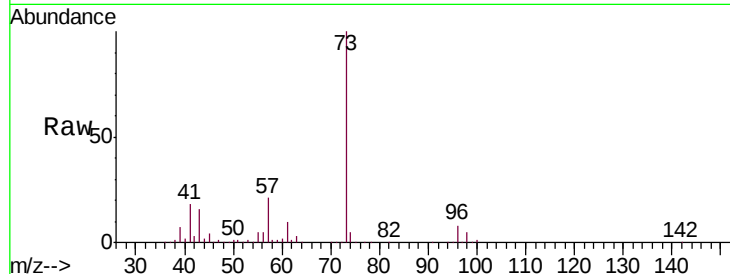


#25

Methyl tert-Butyl Ether
 Concen: 10.208 ug/l
 RT: 3.00 min Scan# 594
 Delta R.T. -0.00 min
 Lab File: VU029842.D
 Acq: 06 Mar 2019 16:30

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

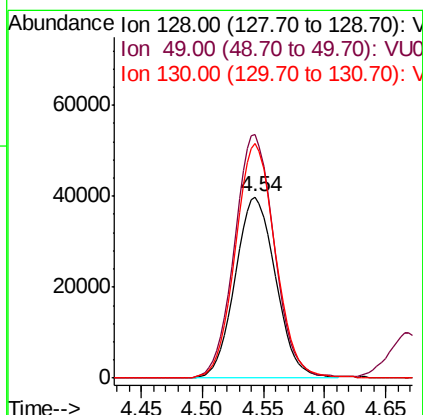
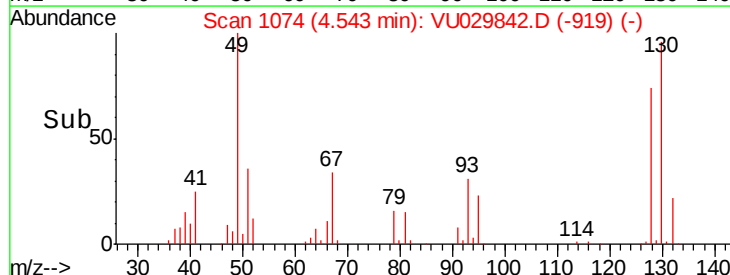
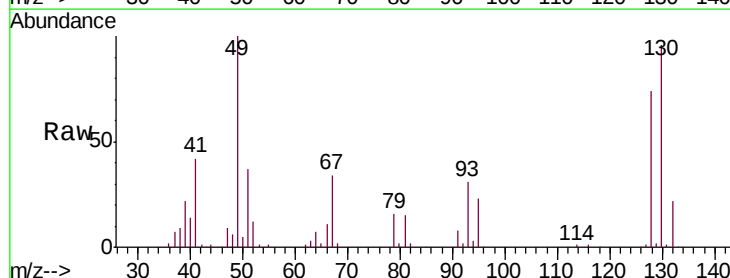
Tgt Ion: 73 Resp: 432935
 Ion Ratio Lower Upper
 73 100
 43 16.1 13.1 19.7

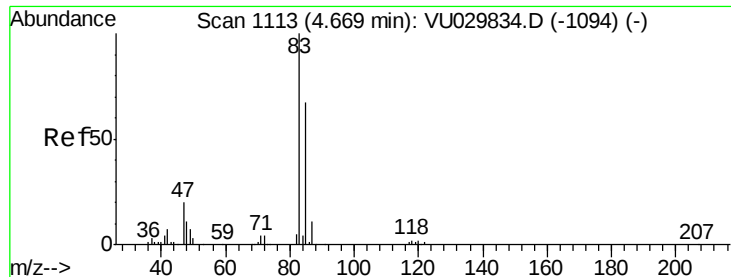


#26

Bromochloromethane
 Concen: 10.269 ug/l
 RT: 4.54 min Scan# 1074
 Delta R.T. -0.00 min
 Lab File: VU029842.D
 Acq: 06 Mar 2019 16:30

Tgt Ion: 128 Resp: 91918
 Ion Ratio Lower Upper
 128 100
 49 132.1 0.0 270.6
 130 126.9 104.2 156.4

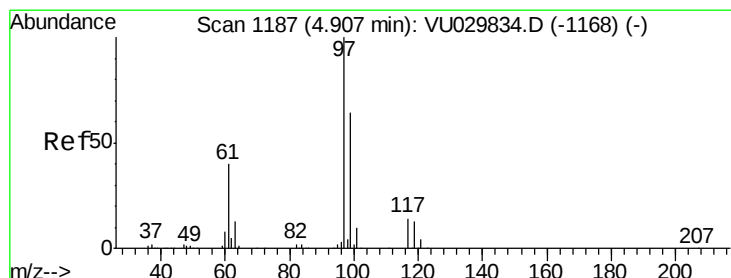
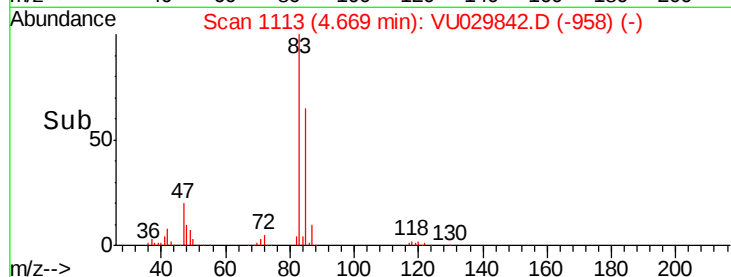
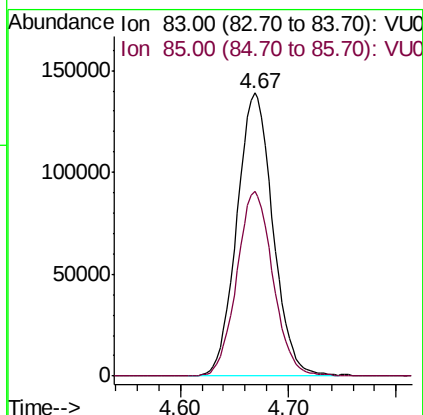
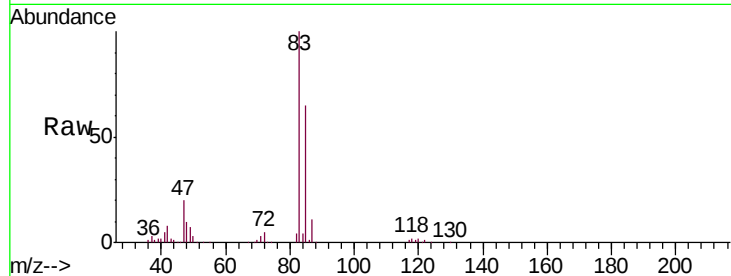




#27
Chloroform
Concen: 10.037 ug/l
RT: 4.67 min Scan# 1113
Delta R.T. -0.00 min
Lab File: VU029842.D
Acq: 06 Mar 2019 16:30

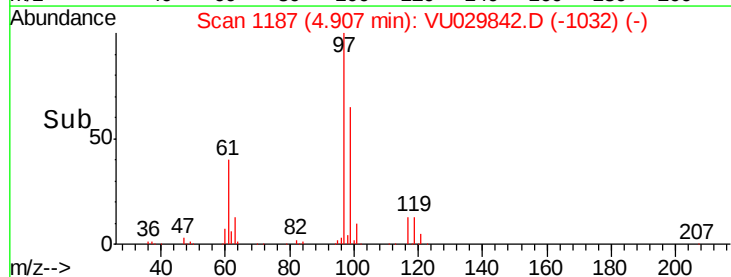
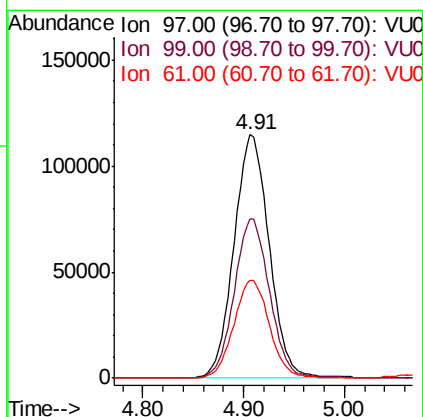
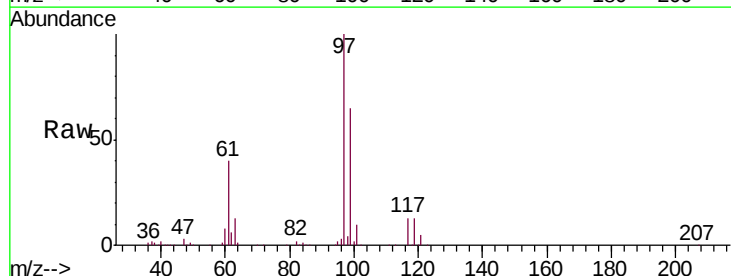
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

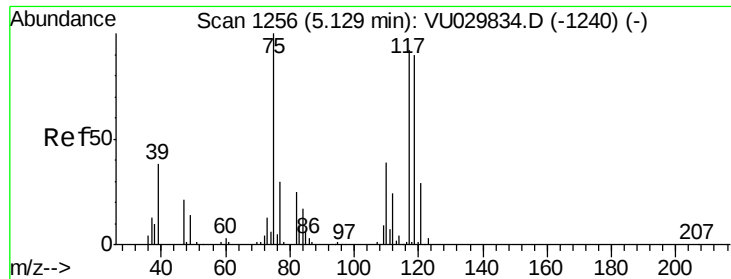
Tgt Ion: 83 Resp: 323528
Ion Ratio Lower Upper
83 100
85 65.3 0.0 133.2



#28
1,1,1-Trichloroethane
Concen: 10.173 ug/l
RT: 4.91 min Scan# 1187
Delta R.T. -0.00 min
Lab File: VU029842.D
Acq: 06 Mar 2019 16:30

Tgt Ion: 97 Resp: 278031
Ion Ratio Lower Upper
97 100
99 65.4 31.9 95.9
61 40.7 20.4 61.3

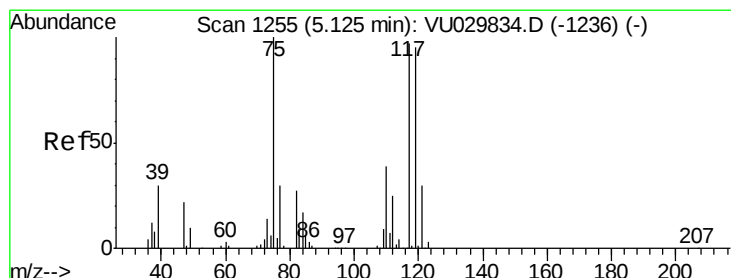
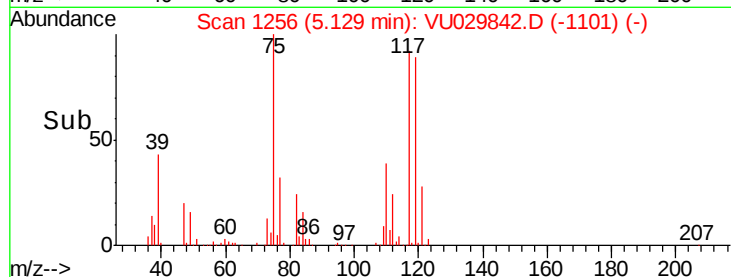
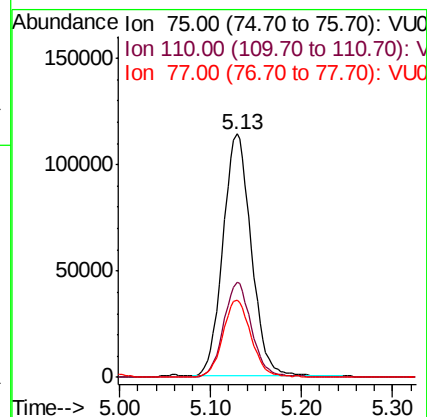
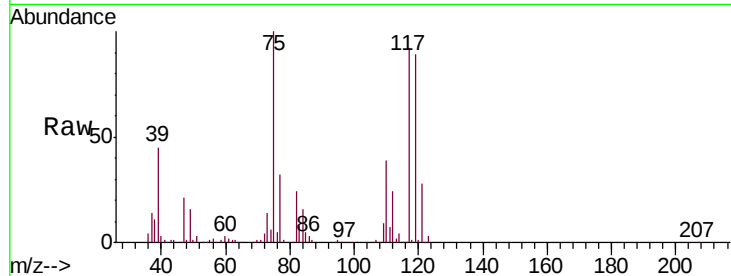




#29
 1,1-Dichloropropene
 Concen: 10.145 ug/l
 RT: 5.13 min Scan# 1256
 Delta R.T. -0.00 min
 Lab File: VU029842.D
 Acq: 06 Mar 2019 16:30

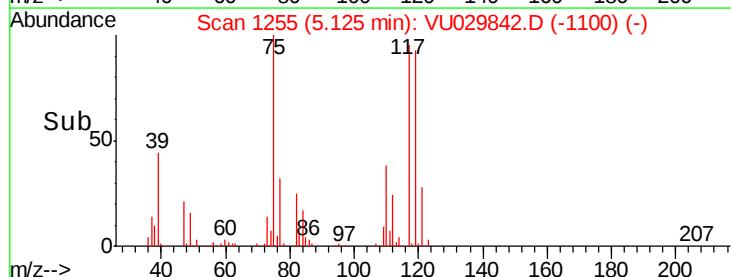
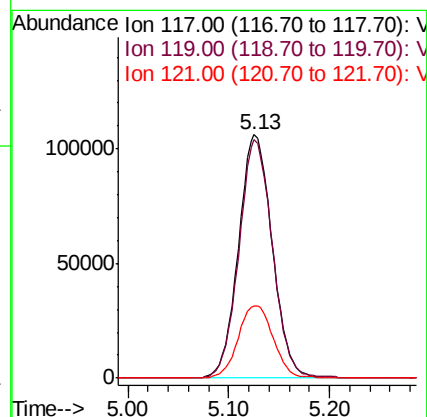
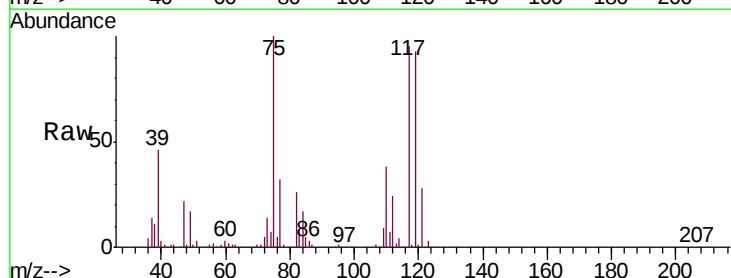
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

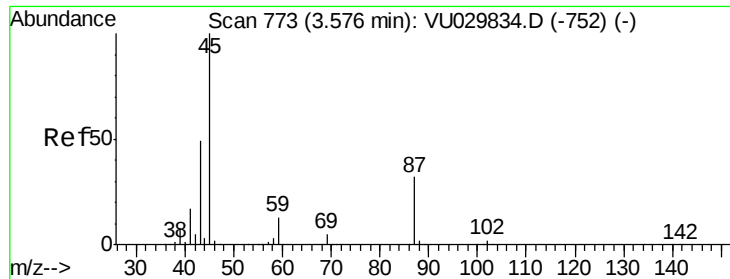
Tgt Ion	Ratio	Lower	Upper
75	100		
110	39.1	19.1	57.5
77	31.5	23.9	35.9



#30
 Carbon Tetrachloride
 Concen: 10.346 ug/l
 RT: 5.13 min Scan# 1255
 Delta R.T. -0.00 min
 Lab File: VU029842.D
 Acq: 06 Mar 2019 16:30

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.8	78.4	117.6
121	29.7	25.0	37.4





#31

Isopropyl Ether

Concen: 10.289 ug/l

RT: 3.58 min Scan# 773

Delta R.T. -0.00 min

Lab File: VU029842.D

Acq: 06 Mar 2019 16:30

Instrument :

MSVOA_U

ClientSampleId :

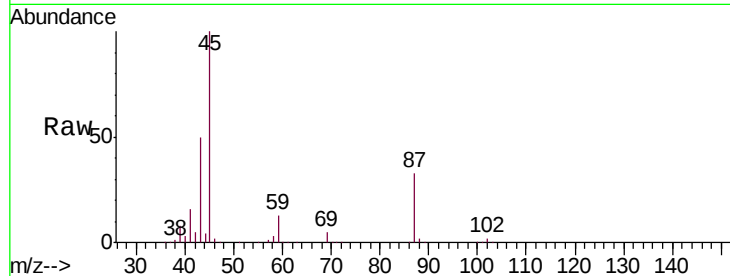
VSTDCCC010EC

Tgt Ion: 45 Resp: 451728

Ion Ratio Lower Upper

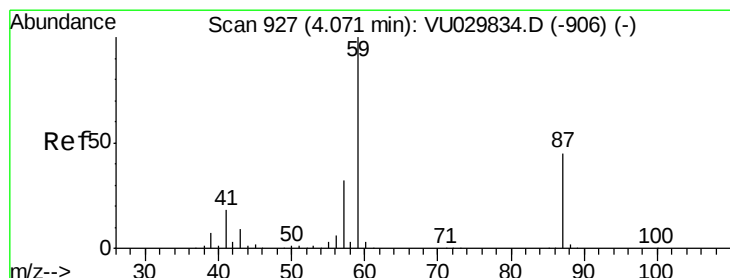
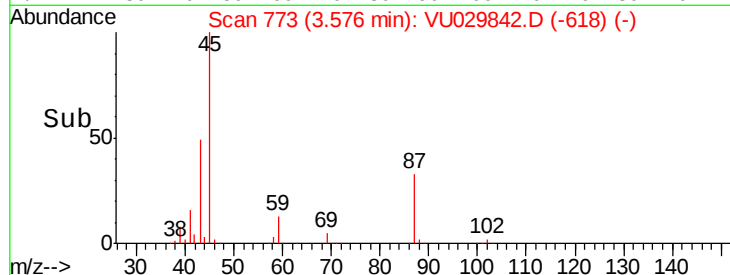
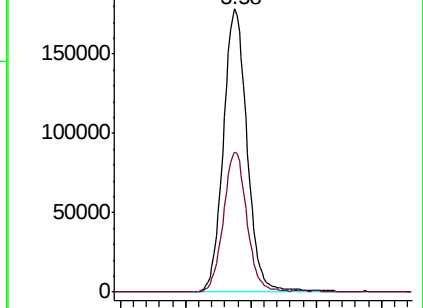
45 100

43 48.6 24.3 72.9



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

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



#32

Ethyl-t-butyl ether

Concen: 10.401 ug/l

RT: 4.07 min Scan# 928

Delta R.T. 0.00 min

Lab File: VU029842.D

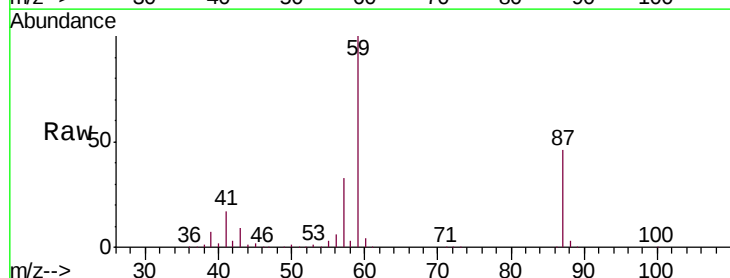
Acq: 06 Mar 2019 16:30

Tgt Ion: 59 Resp: 443876

Ion Ratio Lower Upper

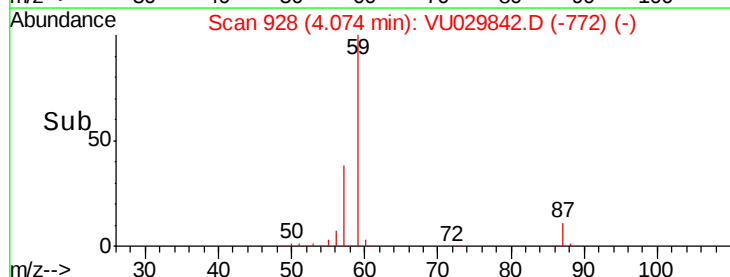
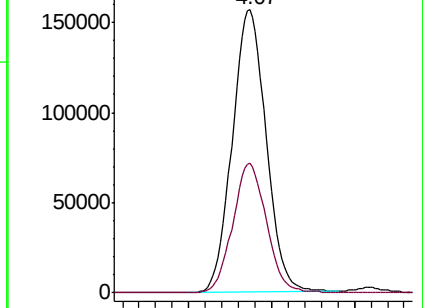
59 100

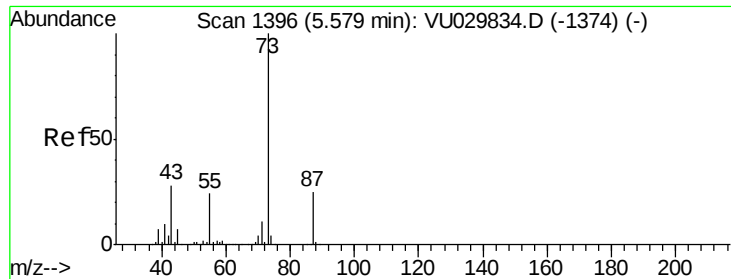
87 45.3 36.2 54.4



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

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

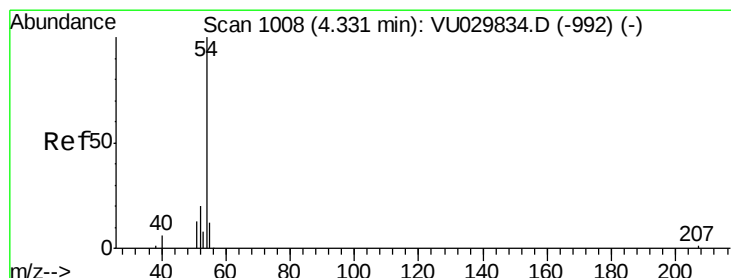
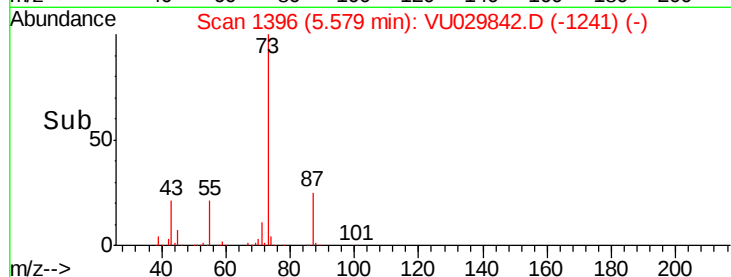
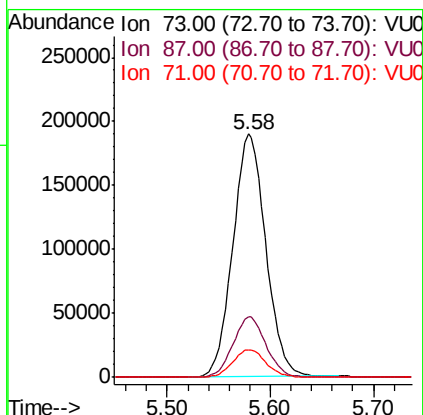
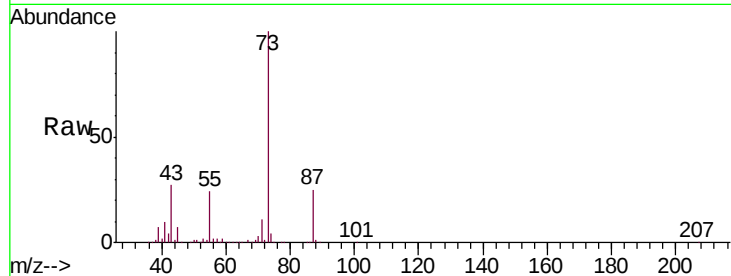




#33
Tert-Amyl methyl ether
Concen: 10.714 ug/l
RT: 5.58 min Scan# 1396
Delta R.T. -0.00 min
Lab File: VU029842.D
Acq: 06 Mar 2019 16:30

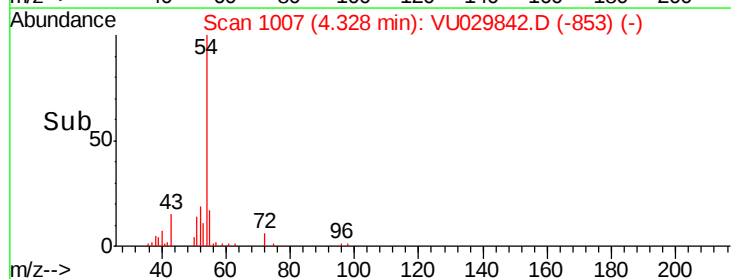
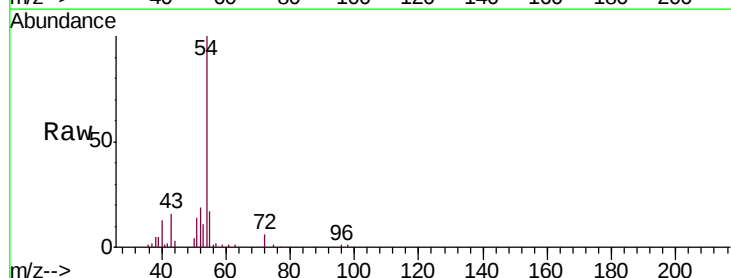
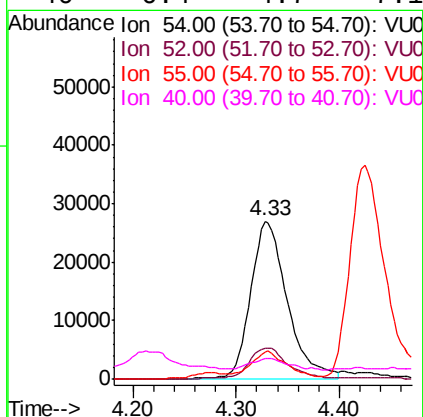
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

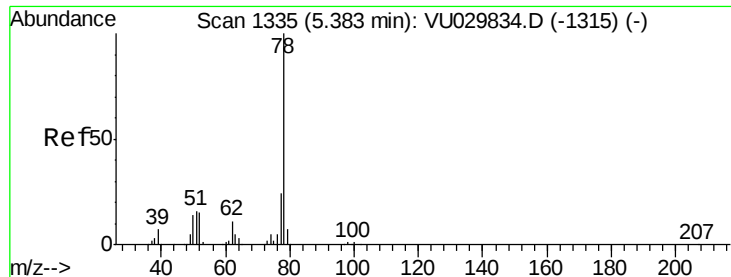
Tgt Ion: 73 Resp: 422819
Ion Ratio Lower Upper
73 100
87 25.1 19.7 29.5
71 11.4 9.4 14.2



#34
Propionitrile
Concen: 54.119 ug/l
RT: 4.33 min Scan# 1007
Delta R.T. -0.00 min
Lab File: VU029842.D
Acq: 06 Mar 2019 16:30

Tgt Ion: 54 Resp: 66540
Ion Ratio Lower Upper
54 100
52 21.3 16.1 24.1
55 14.2 11.2 16.8
40 6.4 4.7 7.1





#35

Benzene

Concen: 10.285 ug/l

RT: 5.38 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VU029842.D

Acq: 06 Mar 2019 16:30

Instrument :

MSVOA_U

ClientSampleId :

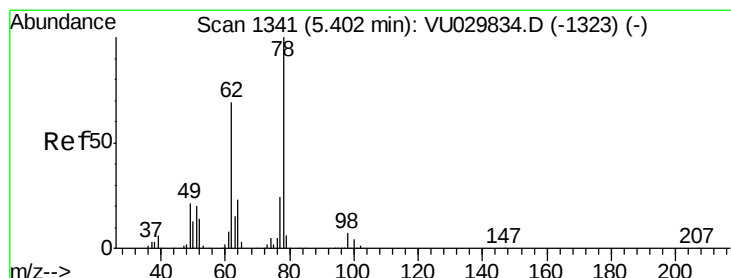
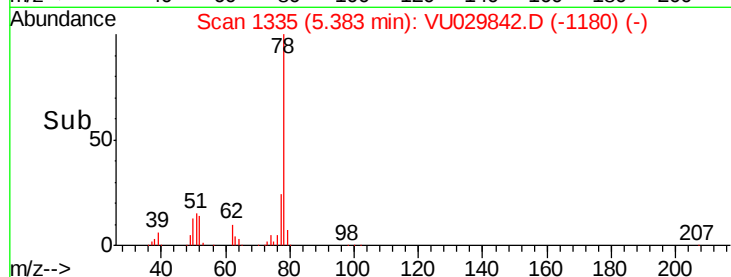
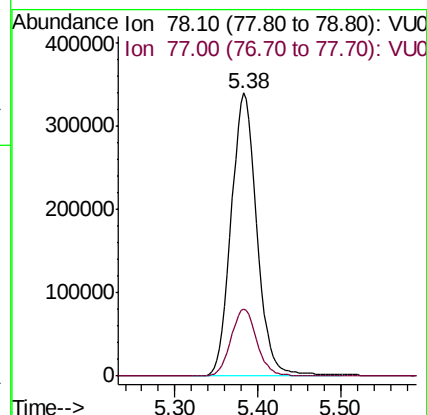
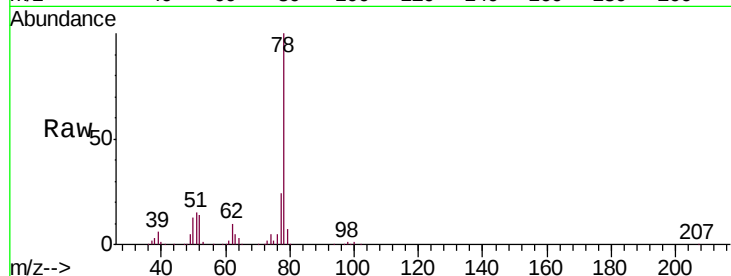
VSTDCCC010EC

Tgt Ion: 78 Resp: 735812

Ion Ratio Lower Upper

78 100

77 23.6 19.2 28.8



#36

1,2-Dichloroethane

Concen: 10.030 ug/l

RT: 5.40 min Scan# 1341

Delta R.T. -0.00 min

Lab File: VU029842.D

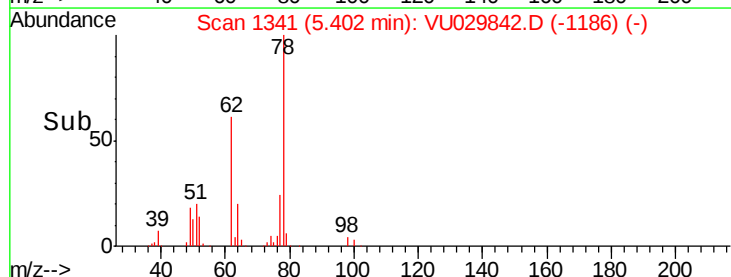
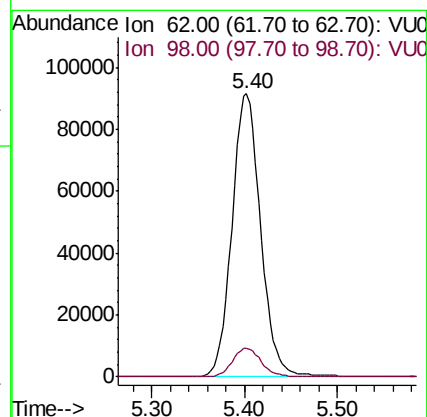
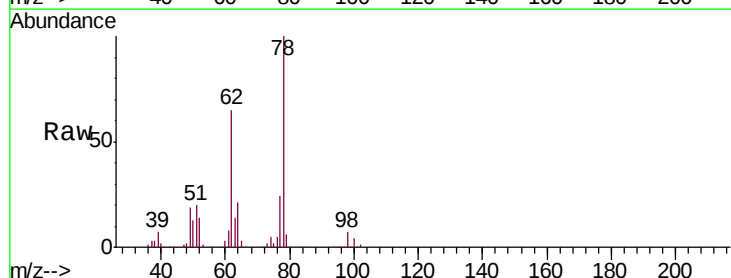
Acq: 06 Mar 2019 16:30

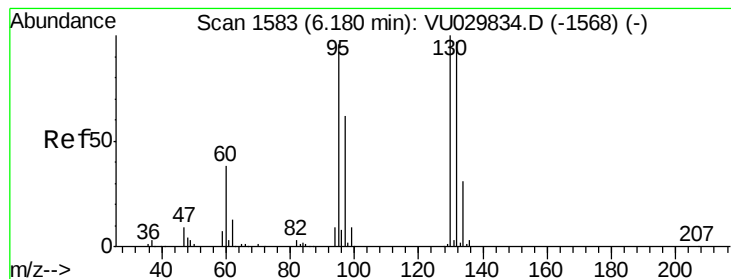
Tgt Ion: 62 Resp: 195999

Ion Ratio Lower Upper

62 100

98 10.2 8.2 12.2





#37

Trichloroethene

Concen: 10.055 ug/l

RT: 6.18 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VU029842.D

Acq: 06 Mar 2019 16:30

Instrument :

MSVOA_U

ClientSampleId :

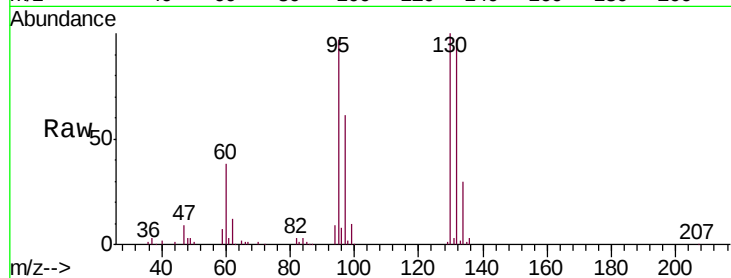
VSTDCCC010EC

Tgt Ion:130 Resp: 210042

Ion Ratio Lower Upper

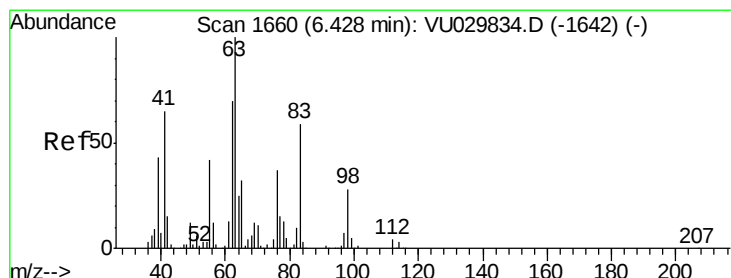
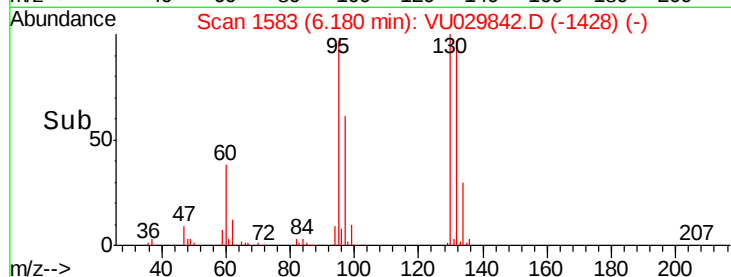
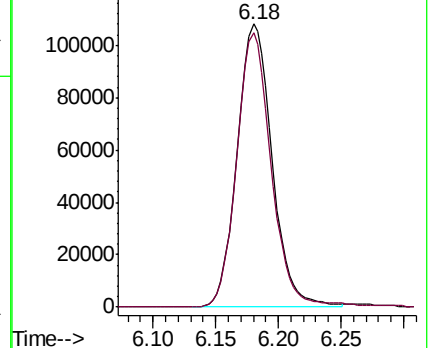
130 100

95 96.7 76.6 114.8



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VU0



#38

1,2-Dichloropropane

Concen: 10.318 ug/l

RT: 6.43 min Scan# 1660

Delta R.T. -0.00 min

Lab File: VU029842.D

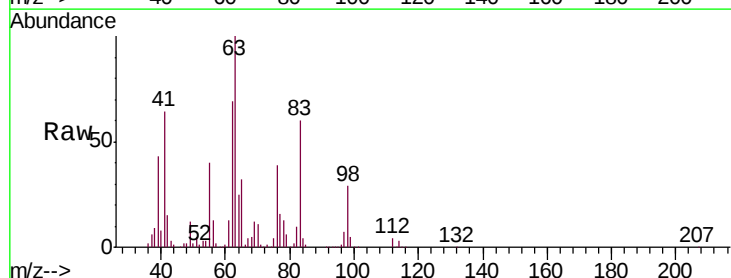
Acq: 06 Mar 2019 16:30

Tgt Ion: 63 Resp: 186860

Ion Ratio Lower Upper

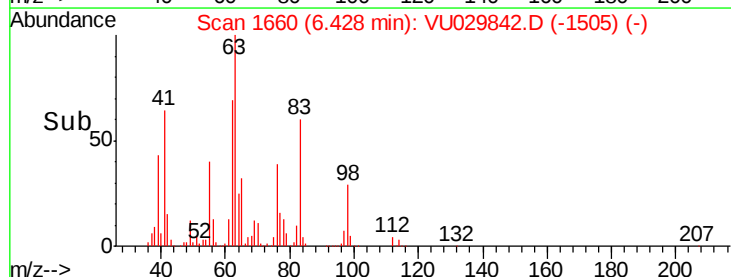
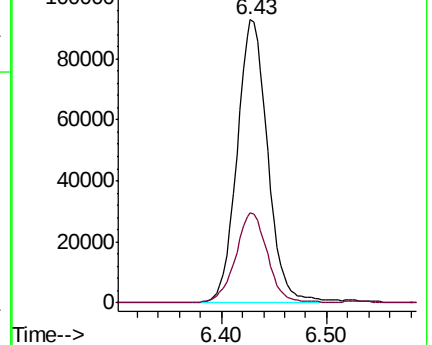
63 100

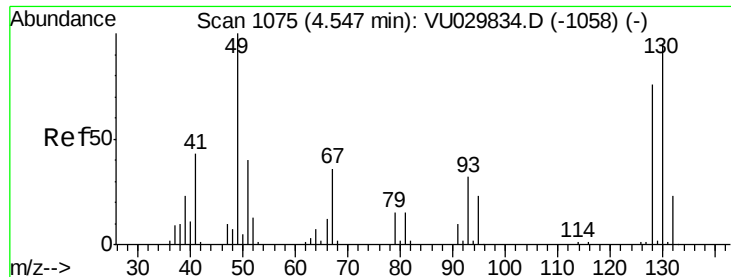
65 31.6 25.4 38.2



Abundance Ion 63.00 (62.70 to 63.70): VU0

Ion 65.00 (64.70 to 65.70): VU0

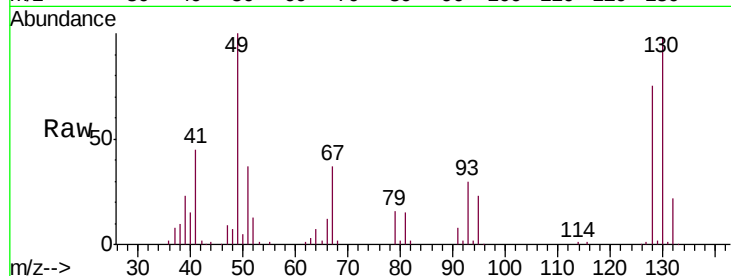




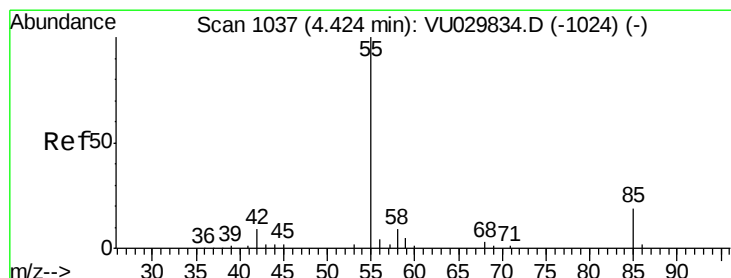
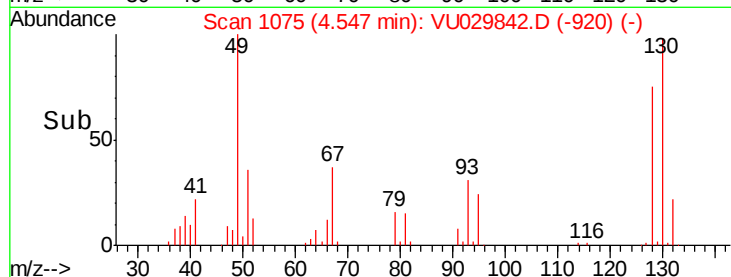
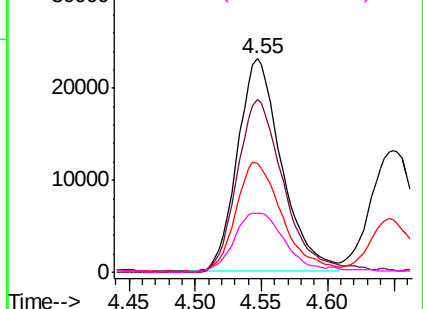
#39
Methacrylonitrile
Concen: 10.367 ug/l
RT: 4.55 min Scan# 1075
Delta R.T. -0.00 min
Lab File: VU029842.D
Acq: 06 Mar 2019 16:30

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 41 Resp: 53616
Ion Ratio Lower Upper
41 100
67 86.2 68.4 102.6
39 54.7 42.6 63.8
52 33.5 26.2 39.4

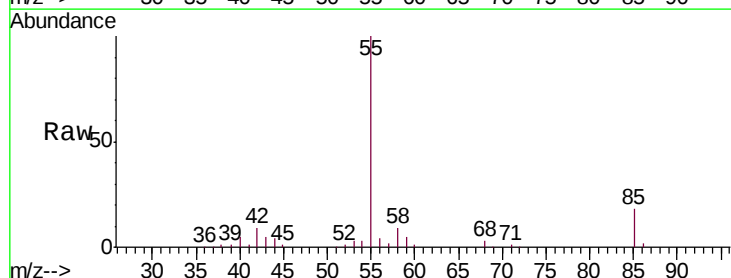


Abundance Ion 41.00 (40.70 to 41.70): VU0
Ion 67.00 (66.70 to 67.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 52.00 (51.70 to 52.70): VU0

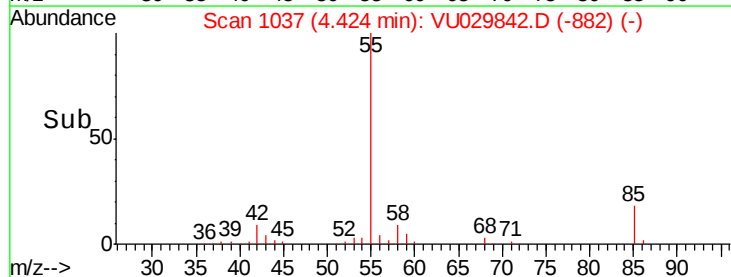
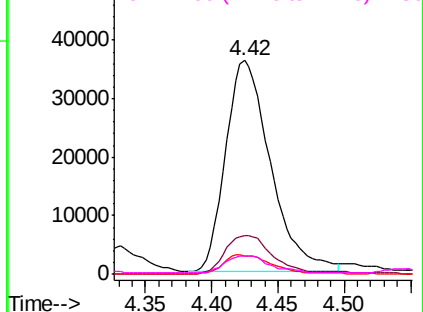


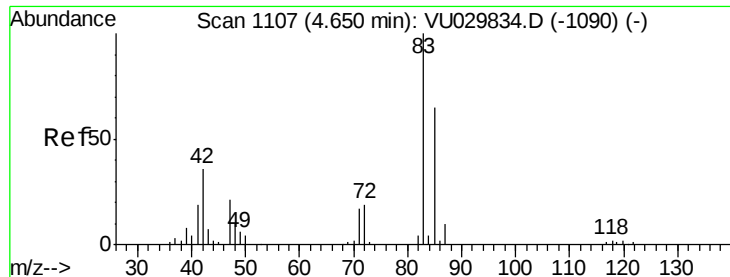
#40
Methyl acrylate
Concen: 10.383 ug/l
RT: 4.42 min Scan# 1037
Delta R.T. -0.00 min
Lab File: VU029842.D
Acq: 06 Mar 2019 16:30

Tgt Ion: 55 Resp: 84877
Ion Ratio Lower Upper
55 100
85 19.4 15.2 22.8
58 9.5 7.6 11.4
42 8.4 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

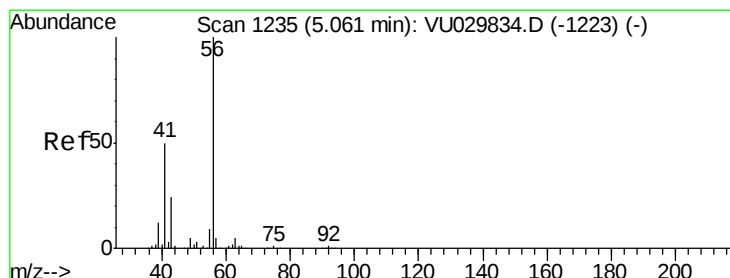
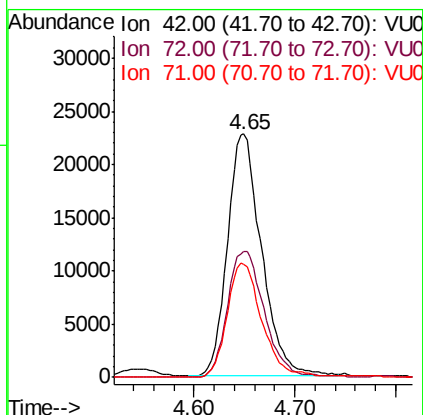
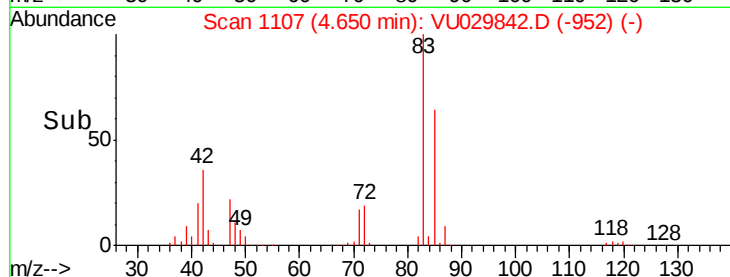
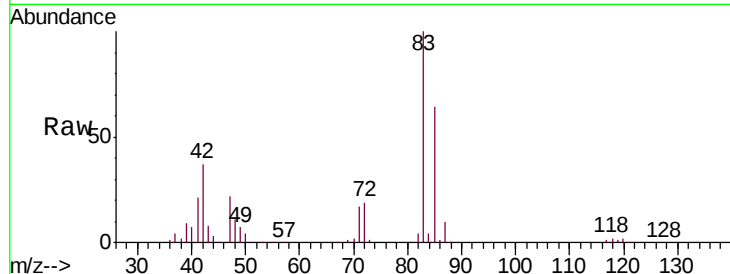




#41
Tetrahydrofuran
Concen: 19.904 ug/l
RT: 4.65 min Scan# 1107
Delta R.T. -0.00 min
Lab File: VU029842.D
Acq: 06 Mar 2019 16:30

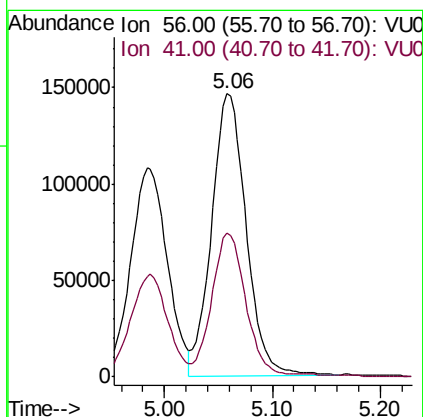
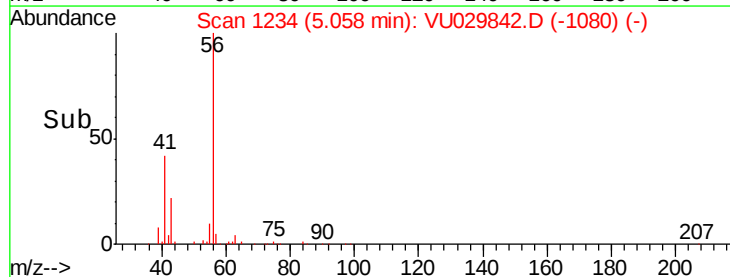
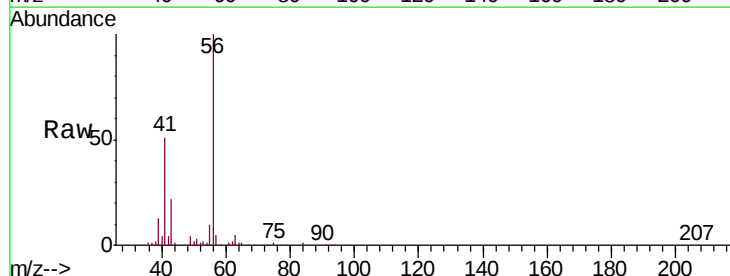
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

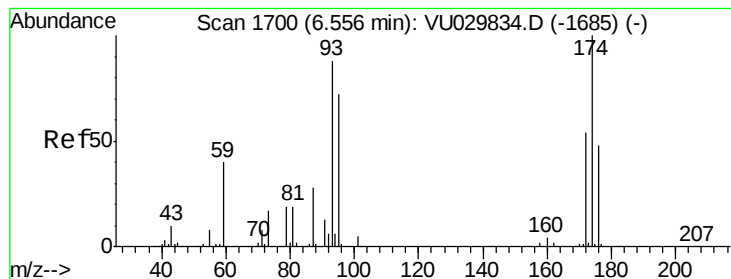
Tgt Ion: 42 Resp: 53841
Ion Ratio Lower Upper
42 100
72 56.2 43.6 65.4
71 48.0 37.5 56.3



#42
1-Chlorobutane
Concen: 10.453 ug/l
RT: 5.06 min Scan# 1234
Delta R.T. -0.00 min
Lab File: VU029842.D
Acq: 06 Mar 2019 16:30

Tgt Ion: 56 Resp: 324331
Ion Ratio Lower Upper
56 100
41 51.3 25.0 75.0





#43

Dibromomethane

Concen: 10.355 ug/l

RT: 6.56 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VU029842.D

Acq: 06 Mar 2019 16:30

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

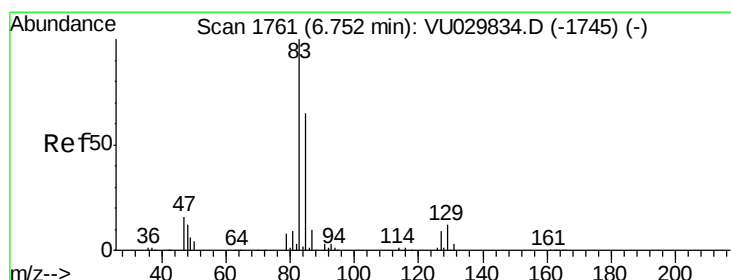
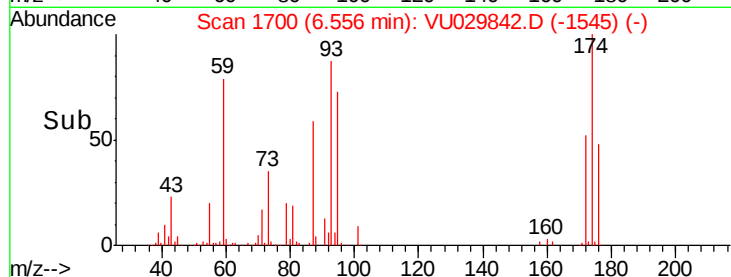
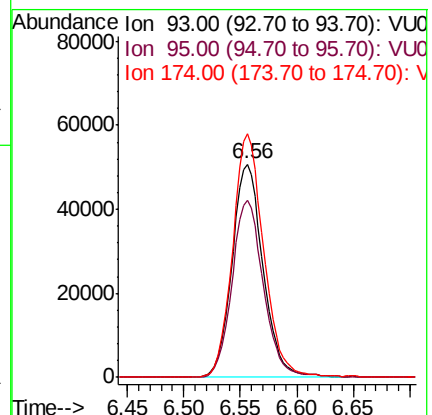
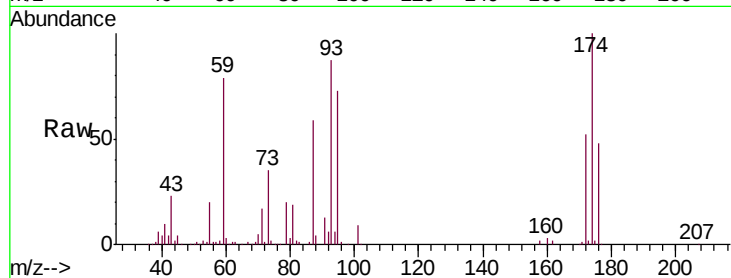
Tgt Ion: 93 Resp: 97192

Ion Ratio Lower Upper

93 100

95 84.3 67.0 100.6

174 113.8 91.4 137.2



#44

Bromodichloromethane

Concen: 10.354 ug/l

RT: 6.75 min Scan# 1761

Delta R.T. -0.00 min

Lab File: VU029842.D

Acq: 06 Mar 2019 16:30

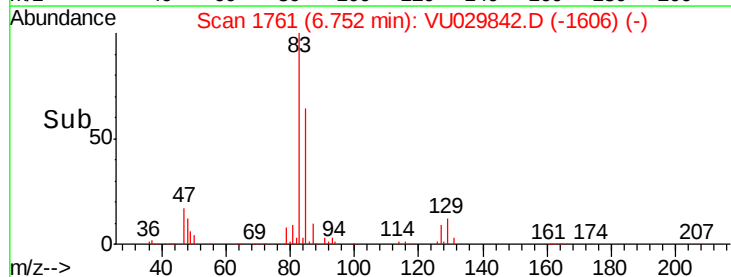
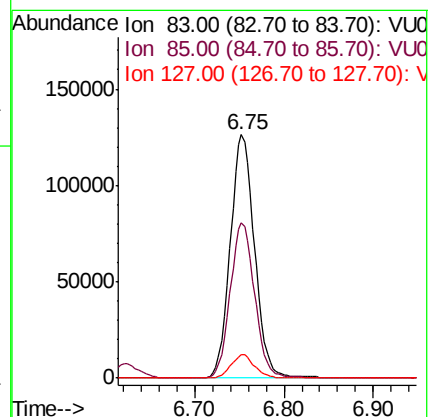
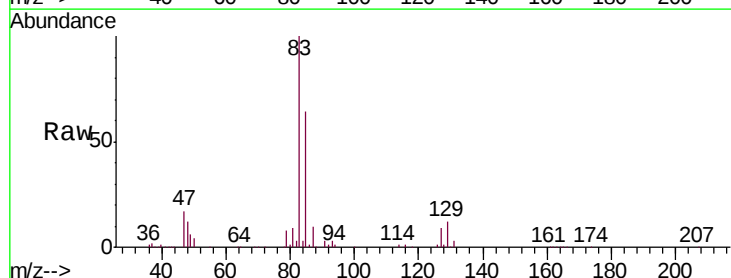
Tgt Ion: 83 Resp: 238668

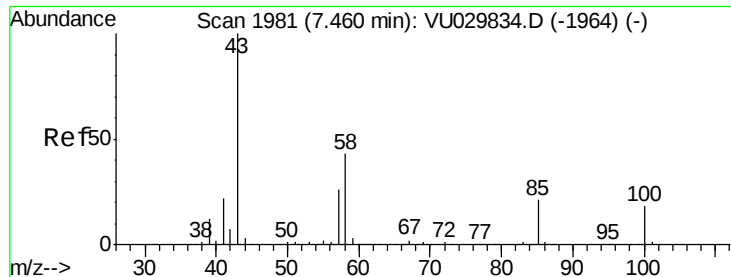
Ion Ratio Lower Upper

83 100

85 63.9 51.7 77.5

127 9.4 7.4 11.2

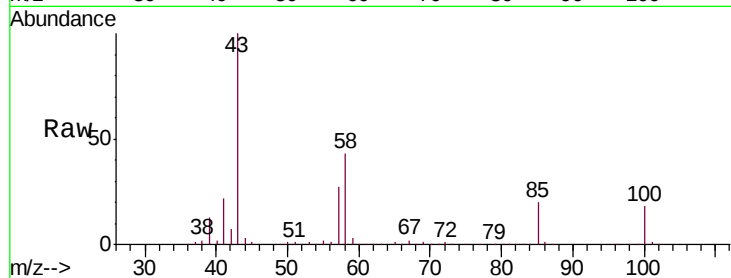




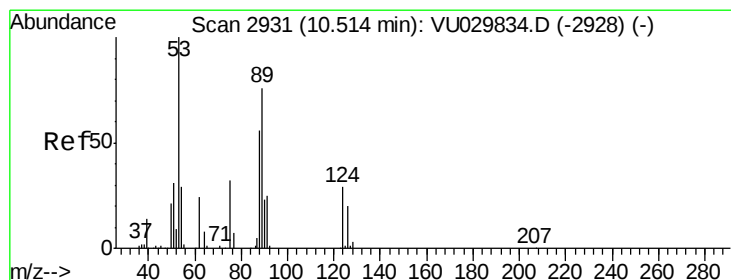
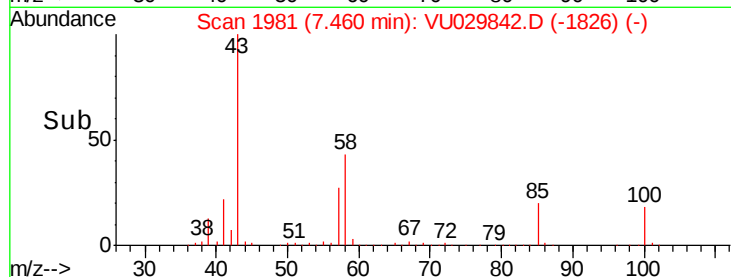
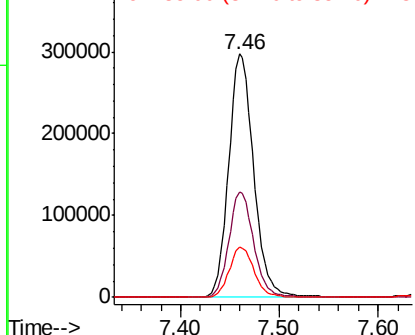
#45
4-Methyl-2-Pentanone
Concen: 54.007 ug/l
RT: 7.46 min Scan# 1981
Delta R.T. -0.00 min
Lab File: VU029842.D
Acq: 06 Mar 2019 16:30

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 43 Resp: 528671
Ion Ratio Lower Upper
43 100
58 42.9 21.6 65.0
85 20.5 16.5 24.7

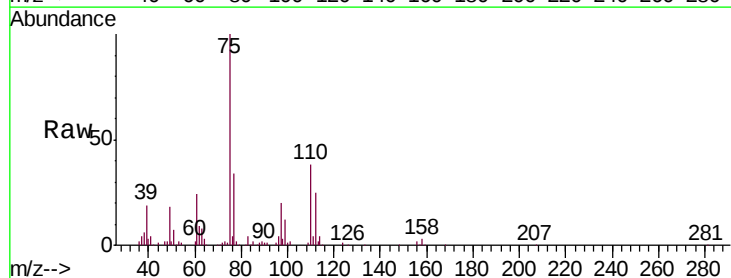


Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0
Ion 85.00 (84.70 to 85.70): VU0

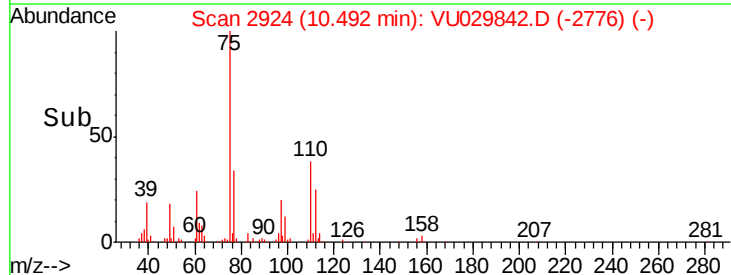
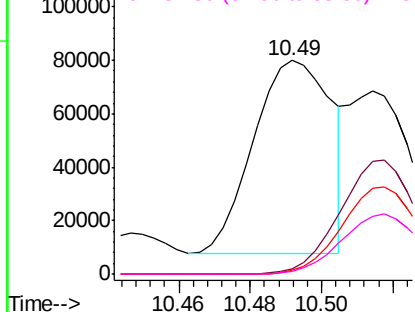


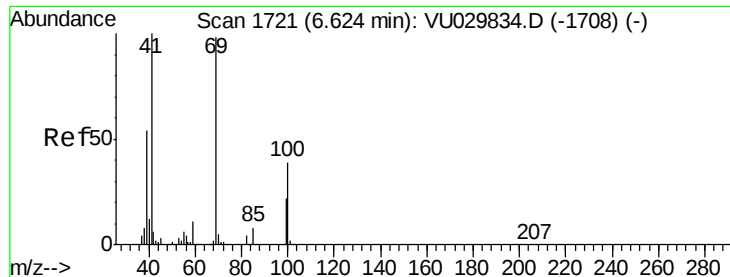
#46
t-1,4-Dichloro-2-butene
Concen: 26.717 ug/l
RT: 10.49 min Scan# 2924
Delta R.T. -0.02 min
Lab File: VU029842.D
Acq: 06 Mar 2019 16:30

Tgt Ion: 75 Resp: 109340
Ion Ratio Lower Upper
75 100
53 60.3 59.2 88.8
89 45.9 44.9 67.3
88 32.3 32.2 48.2



Abundance Ion 74.90 (74.60 to 75.60): VU0
Ion 53.00 (52.70 to 53.70): VU0
Ion 88.80 (88.50 to 89.50): VU0
Ion 87.80 (87.50 to 88.50): VU0





#47

Methyl methacrylate

Concen: 22.195 ug/l

RT: 6.62 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VU029842.D

Acq: 06 Mar 2019 16:30

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 69 Resp: 178765

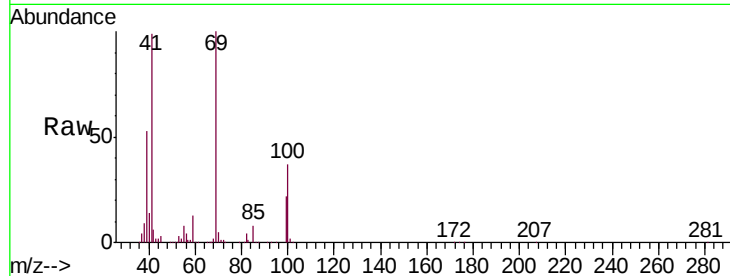
Ion Ratio Lower Upper

69 100

41 100.7 0.0 201.0

39 53.4 43.3 64.9

100 38.1 31.5 47.3

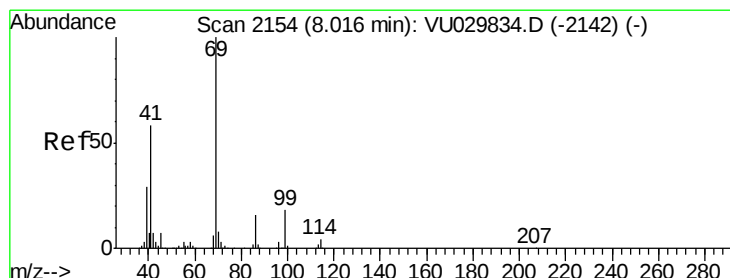
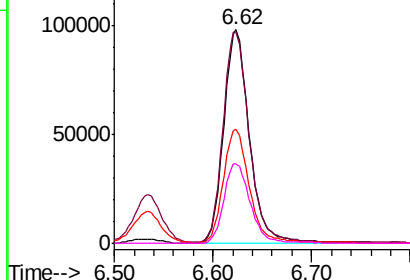
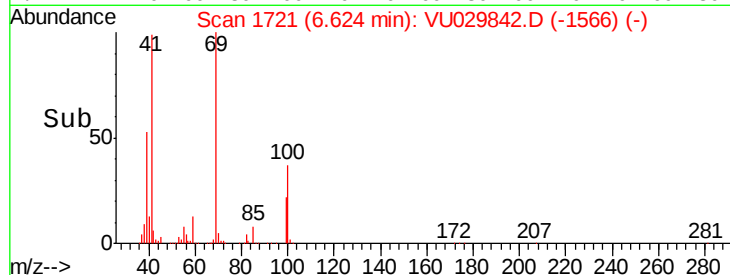


Abundance Ion 69.00 (68.70 to 69.70): VU029842.D (-1566) (-)

Ion 41.00 (40.70 to 41.70): VU029842.D (-1566) (-)

Ion 39.00 (38.70 to 39.70): VU029842.D (-1566) (-)

Ion 100.00 (99.70 to 100.70): VU029842.D (-1566) (-)



#48

Ethyl methacrylate

Concen: 11.668 ug/l

RT: 8.02 min Scan# 2154

Delta R.T. -0.00 min

Lab File: VU029842.D

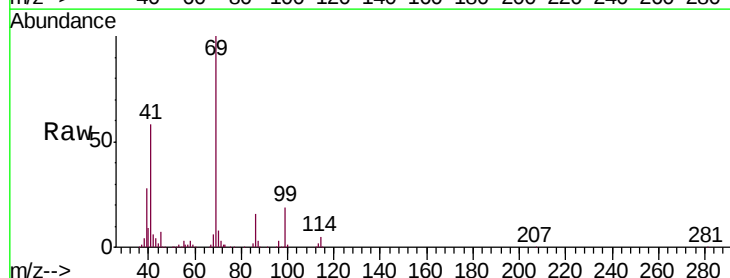
Acq: 06 Mar 2019 16:30

Tgt Ion: 69 Resp: 180055

Ion Ratio Lower Upper

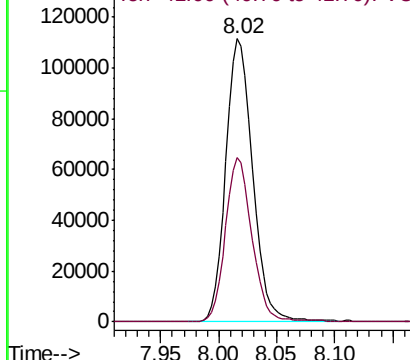
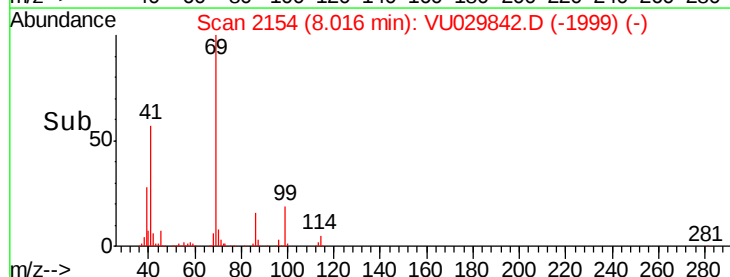
69 100

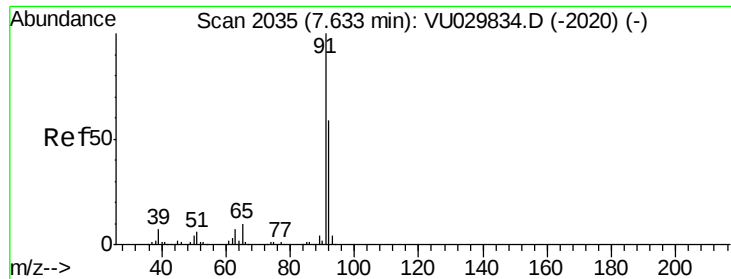
41 57.4 29.0 87.1



Abundance Ion 69.00 (68.70 to 69.70): VU029842.D (-1999) (-)

Ion 41.00 (40.70 to 41.70): VU029842.D (-1999) (-)





#49

Toluene

Concen: 10.725 ug/l

RT: 7.63 min Scan# 2035

Delta R.T. -0.00 min

Lab File: VU029842.D

Acq: 06 Mar 2019 16:30

Instrument :

MSVOA_U

ClientSampleId :

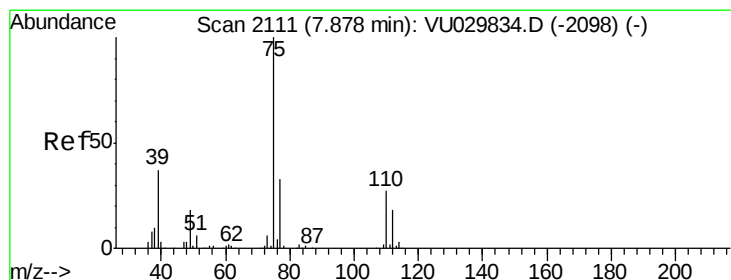
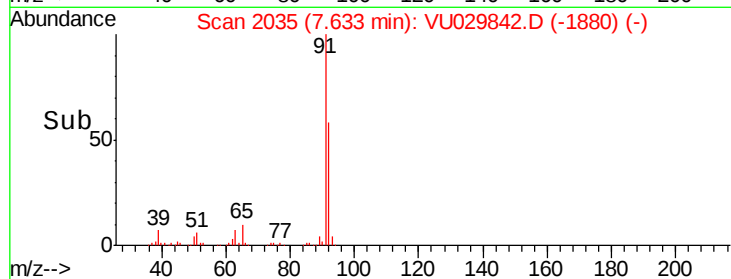
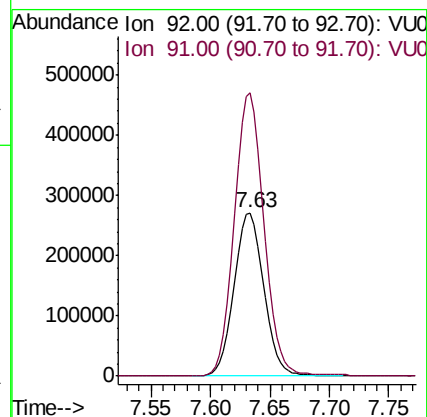
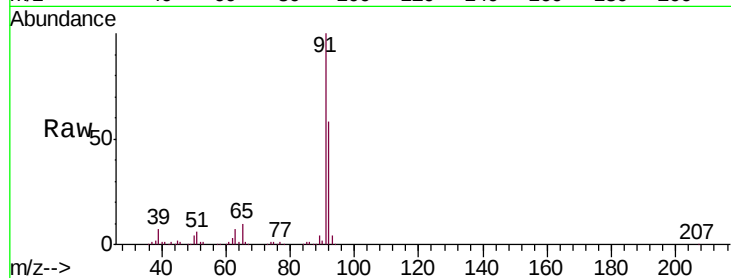
VSTDCCC010EC

Tgt Ion: 92 Resp: 471211

Ion Ratio Lower Upper

92 100

91 173.5 137.8 206.8



#50

t-1,3-Dichloropropene

Concen: 10.791 ug/l

RT: 7.88 min Scan# 2111

Delta R.T. -0.00 min

Lab File: VU029842.D

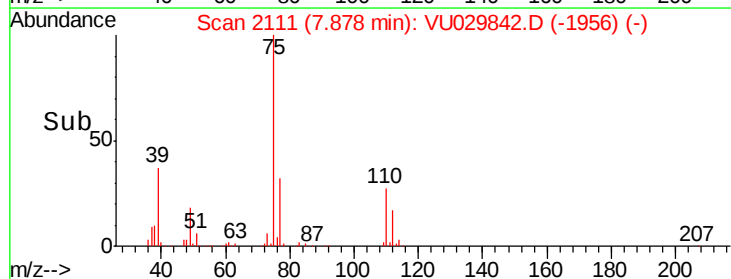
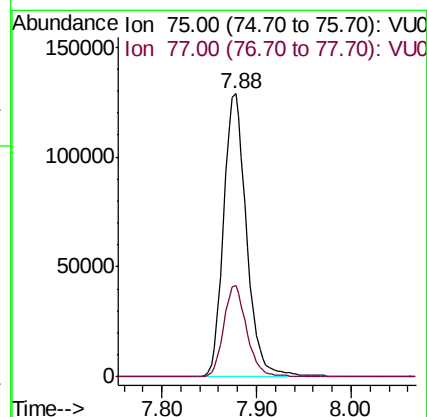
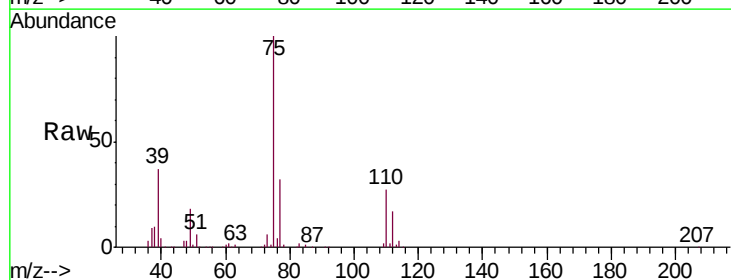
Acq: 06 Mar 2019 16:30

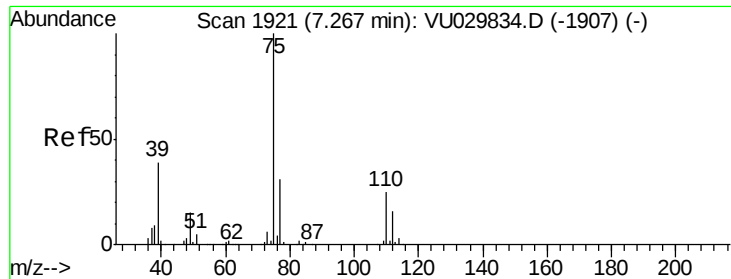
Tgt Ion: 75 Resp: 217997

Ion Ratio Lower Upper

75 100

77 32.2 26.4 39.6

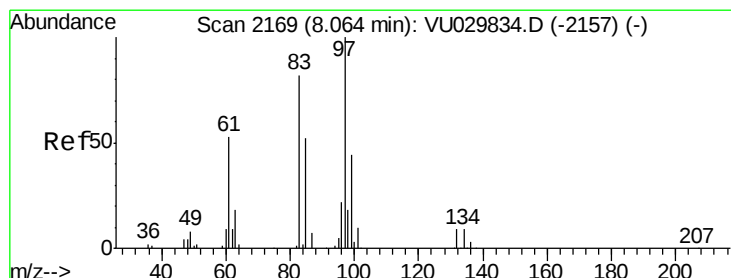
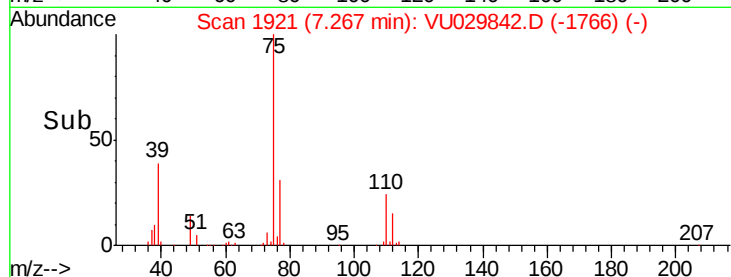
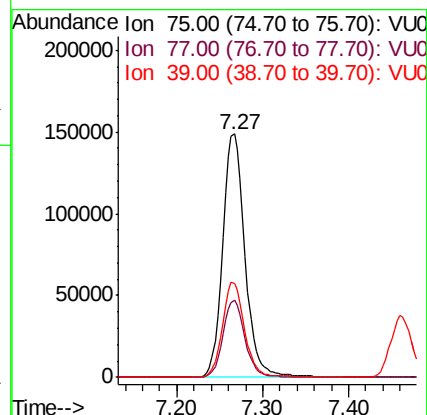
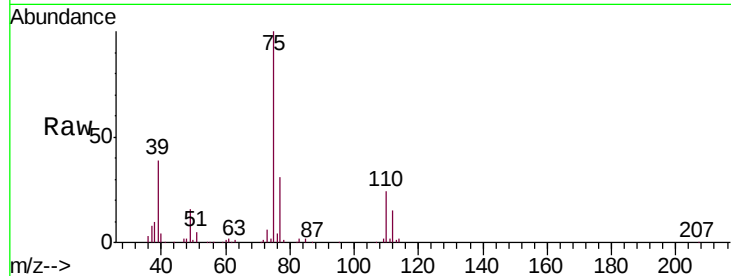




#51
 cis-1,3-Dichloropropene
 Concen: 10.722 ug/l
 RT: 7.27 min Scan# 1921
 Delta R.T. -0.00 min
 Lab File: VU029842.D
 Acq: 06 Mar 2019 16:30

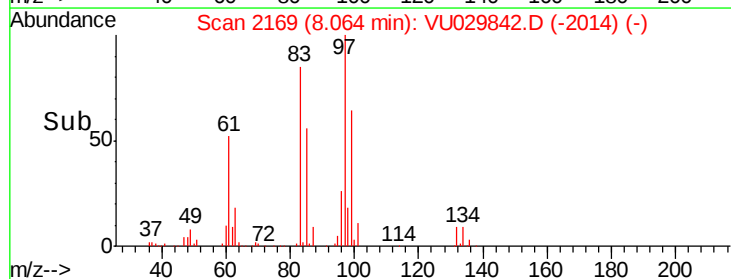
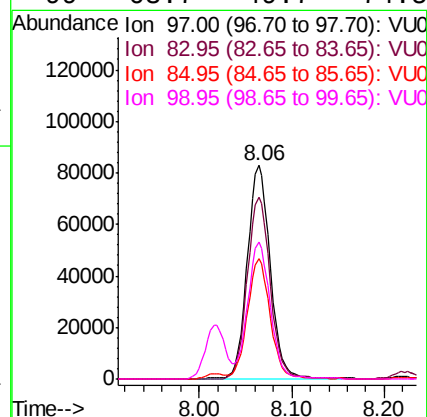
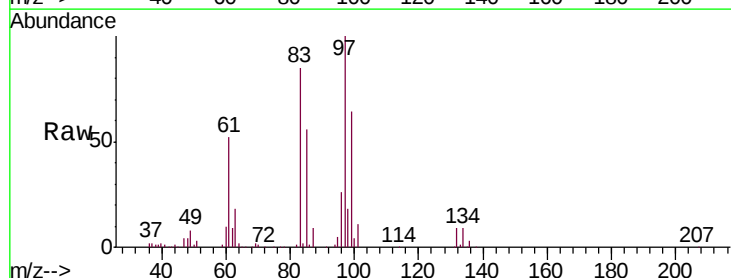
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

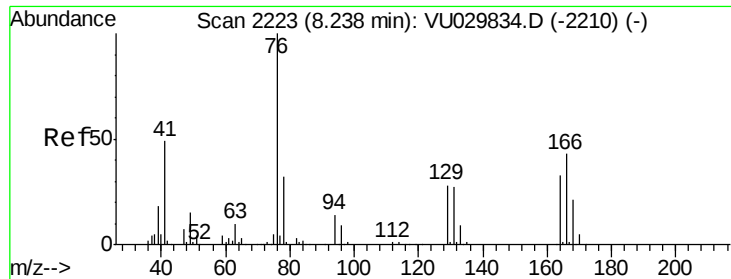
Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.5	24.9	37.3
39	38.8	30.8	46.2



#52
 1,1,2-Trichloroethane
 Concen: 10.267 ug/l
 RT: 8.06 min Scan# 2169
 Delta R.T. -0.00 min
 Lab File: VU029842.D
 Acq: 06 Mar 2019 16:30

Tgt Ion	Ratio	Lower	Upper
97	100		
83	84.8	65.9	98.9
85	56.0	43.0	64.6
99	63.7	49.7	74.5

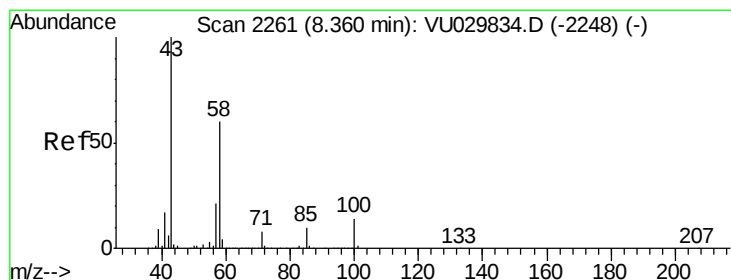
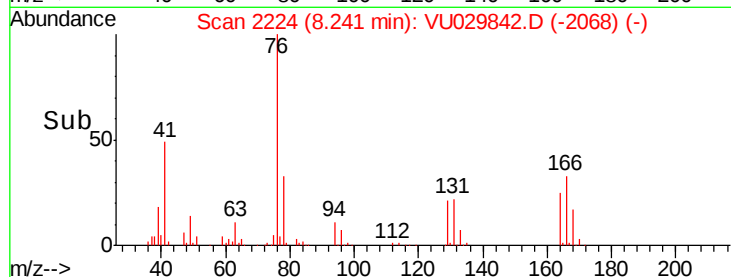
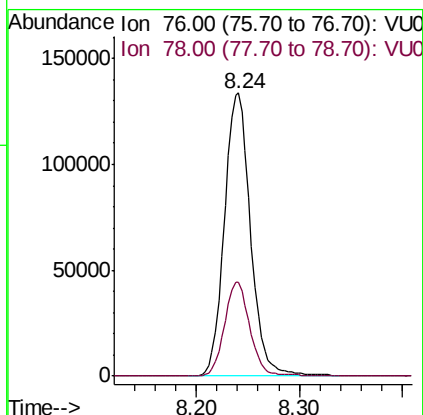
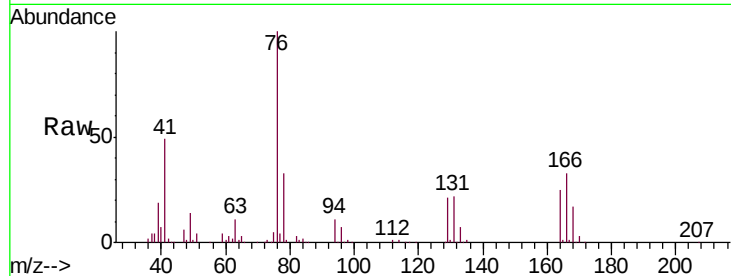




#53
 1,3-Dichloropropane
 Concen: 10.379 ug/l
 RT: 8.24 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VU029842.D
 Acq: 06 Mar 2019 16:30

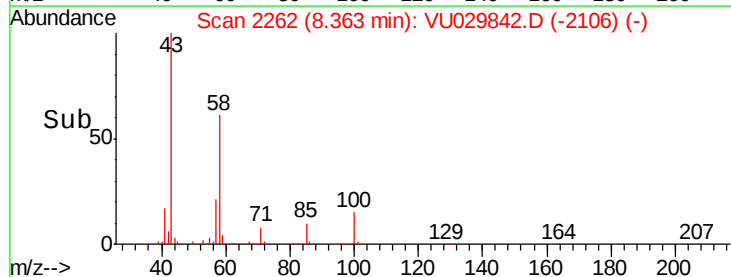
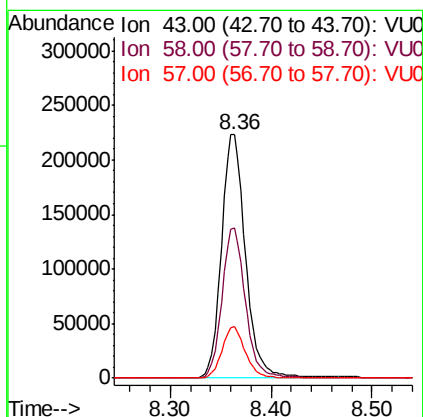
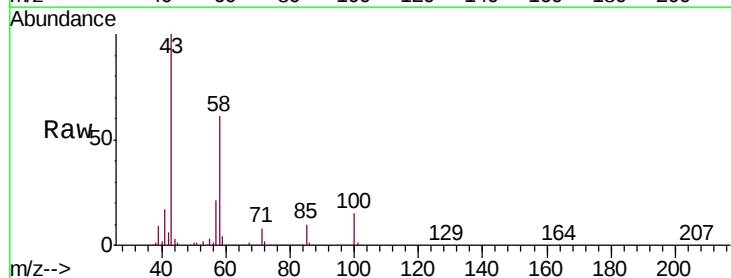
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

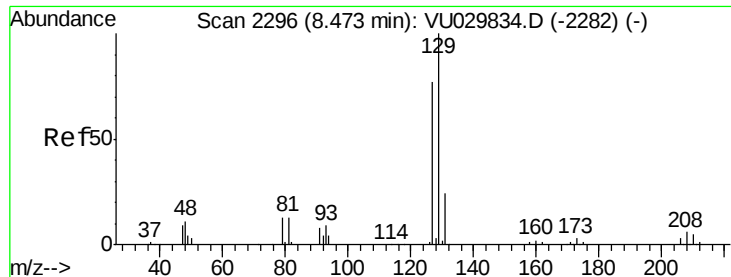
Tgt Ion: 76 Resp: 236506
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.7 38.5



#54
 2-Hexanone
 Concen: 54.638 ug/l
 RT: 8.36 min Scan# 2262
 Delta R.T. 0.00 min
 Lab File: VU029842.D
 Acq: 06 Mar 2019 16:30

Tgt Ion: 43 Resp: 371456
 Ion Ratio Lower Upper
 43 100
 58 60.0 39.6 79.6
 57 20.6 0.5 40.5

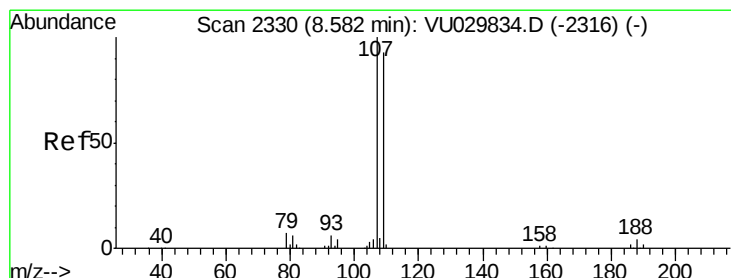
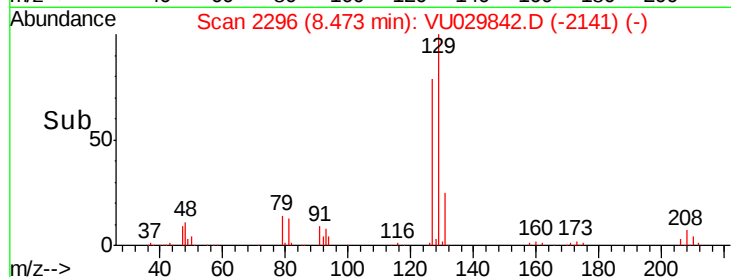
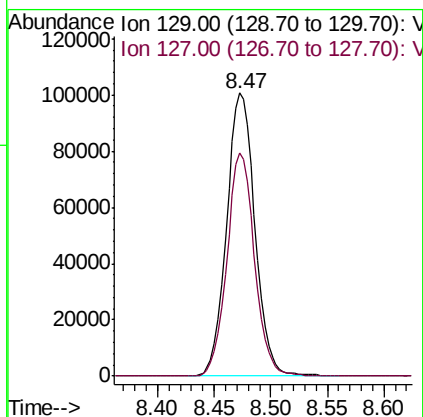
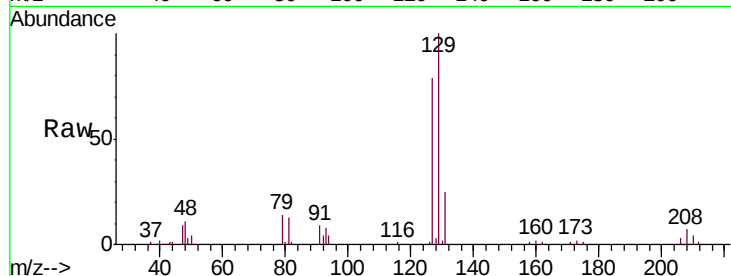




#55
 Dibromochloromethane
 Concen: 10.642 ug/l
 RT: 8.47 min Scan# 2296
 Delta R.T. -0.00 min
 Lab File: VU029842.D
 Acq: 06 Mar 2019 16:30

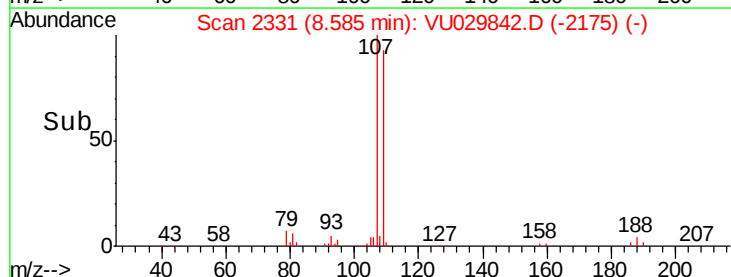
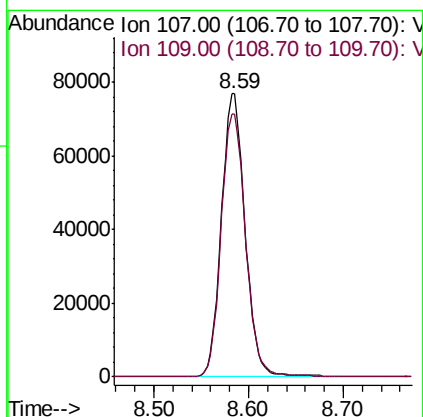
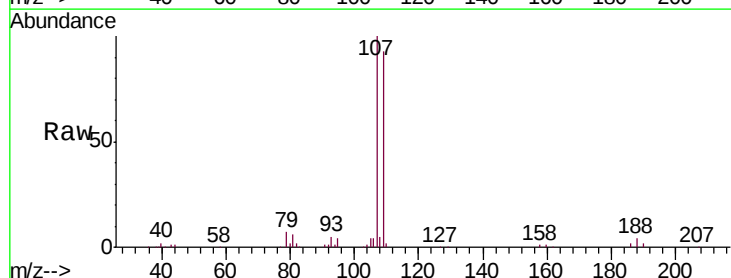
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

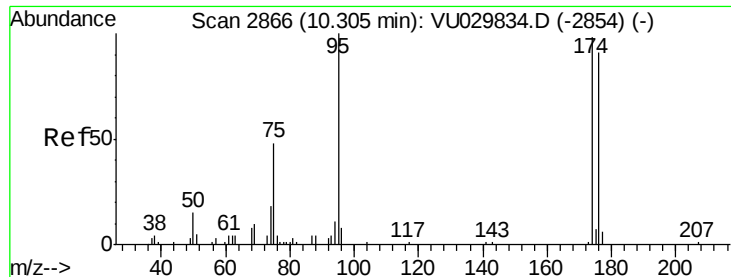
Tgt Ion:129 Resp: 175469
 Ion Ratio Lower Upper
 129 100
 127 76.9 61.6 92.4



#56
 1,2-Dibromoethane
 Concen: 10.187 ug/l
 RT: 8.59 min Scan# 2331
 Delta R.T. 0.00 min
 Lab File: VU029842.D
 Acq: 06 Mar 2019 16:30

Tgt Ion:107 Resp: 134195
 Ion Ratio Lower Upper
 107 100
 109 95.8 0.0 188.4

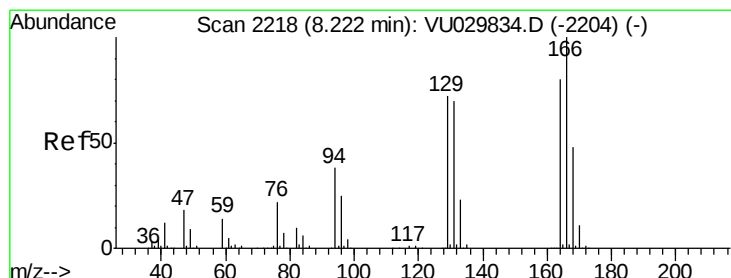
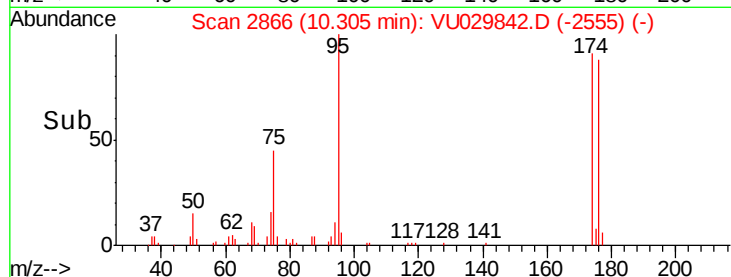
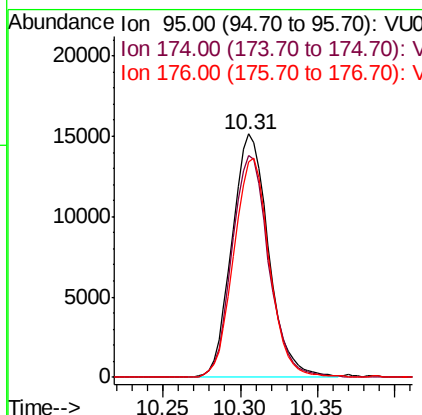
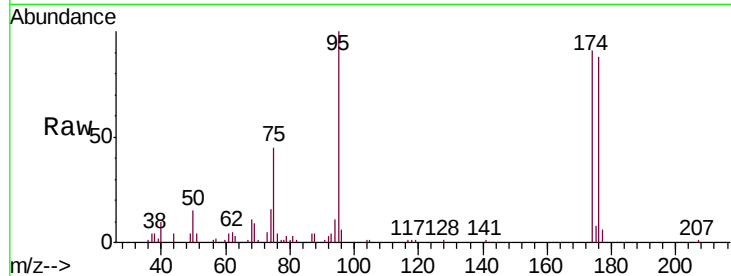




#57
4-Bromofluorobenzene
Concen: 10.187 ug/l
RT: 10.31 min Scan# 2866
Delta R.T. -0.00 min
Lab File: VU029842.D
Acq: 06 Mar 2019 16:30

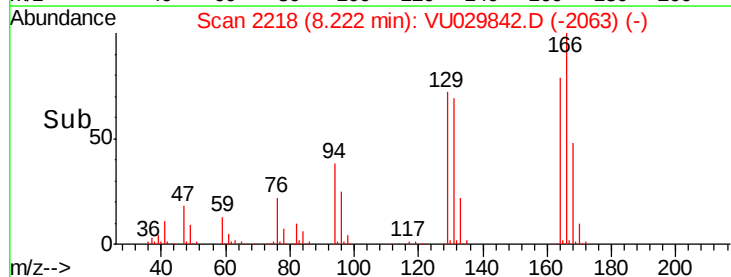
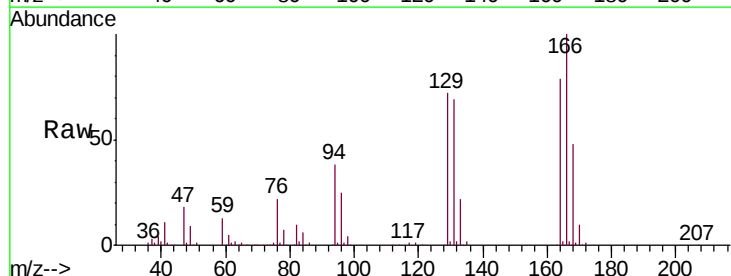
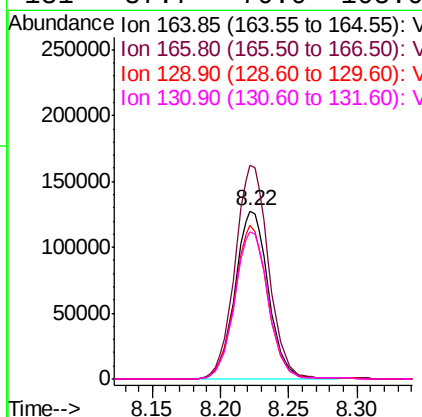
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

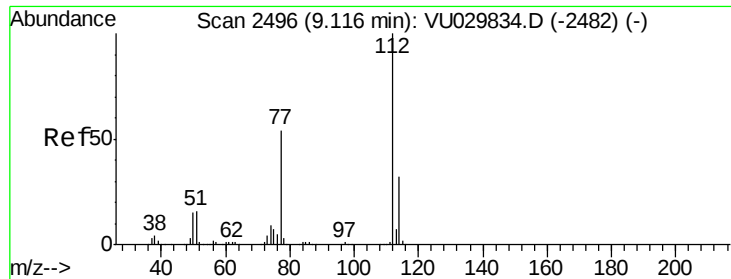
Tgt Ion: 95 Resp: 24950
Ion Ratio Lower Upper
95 100
174 91.1 76.5 114.7
176 87.4 74.2 111.2



#58
Tetrachloroethene
Concen: 10.119 ug/l
RT: 8.22 min Scan# 2218
Delta R.T. -0.00 min
Lab File: VU029842.D
Acq: 06 Mar 2019 16:30

Tgt Ion: 164 Resp: 215890
Ion Ratio Lower Upper
164 100
166 127.2 100.5 150.7
129 91.4 72.3 108.5
131 87.7 70.0 105.0





#59

Chlorobenzene

Concen: 10.528 ug/l

RT: 9.12 min Scan# 2496

Delta R.T. -0.00 min

Lab File: VU029842.D

Acq: 06 Mar 2019 16:30

Instrument :

MSVOA_U

ClientSampleId :

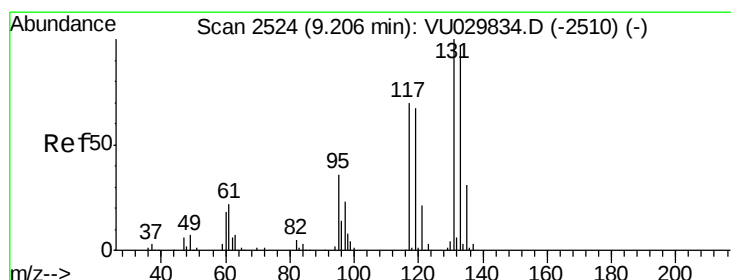
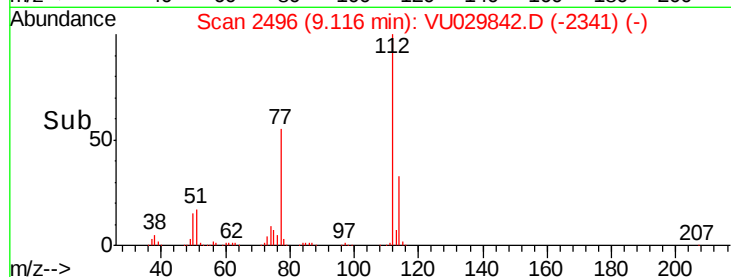
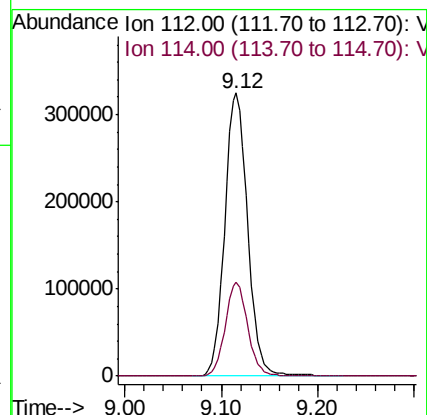
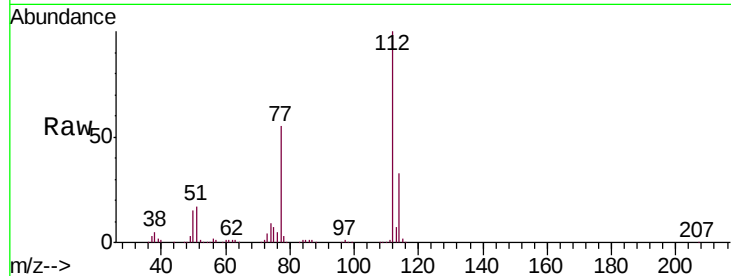
VSTDCCC010EC

Tgt Ion:112 Resp: 531601

Ion Ratio Lower Upper

112 100

114 33.2 25.4 38.2



#60

1,1,1,2-Tetrachloroethane

Concen: 10.340 ug/l

RT: 9.21 min Scan# 2524

Delta R.T. -0.00 min

Lab File: VU029842.D

Acq: 06 Mar 2019 16:30

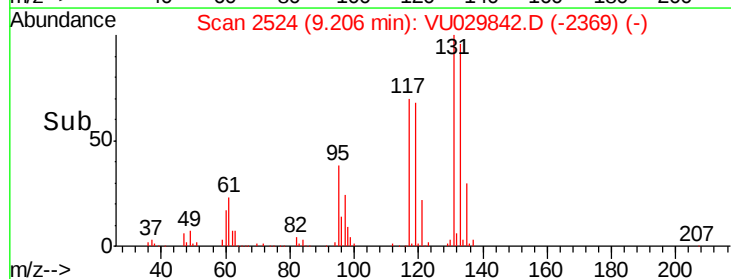
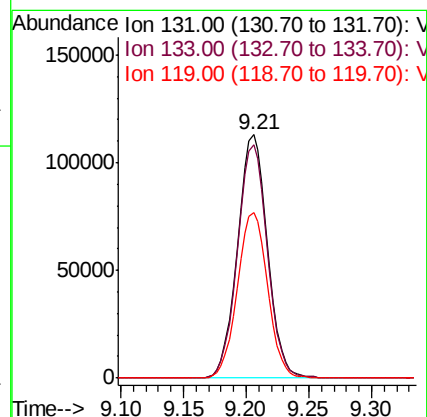
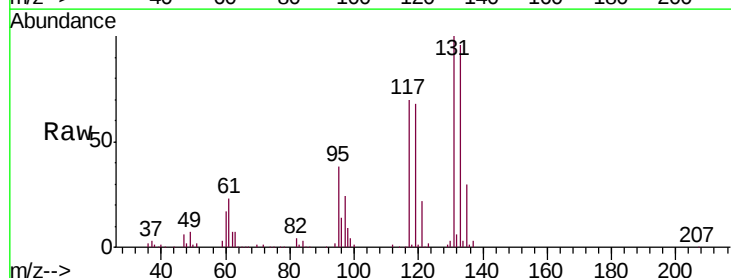
Tgt Ion:131 Resp: 187295

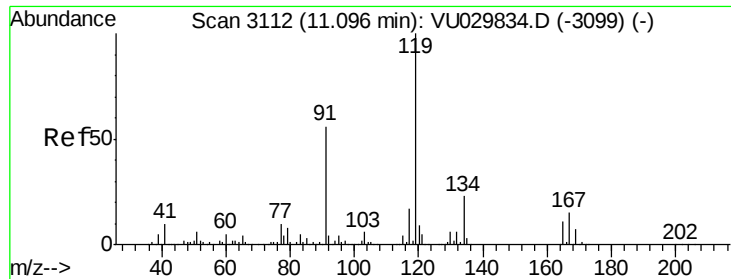
Ion Ratio Lower Upper

131 100

133 96.2 76.4 114.6

119 68.9 54.2 81.4

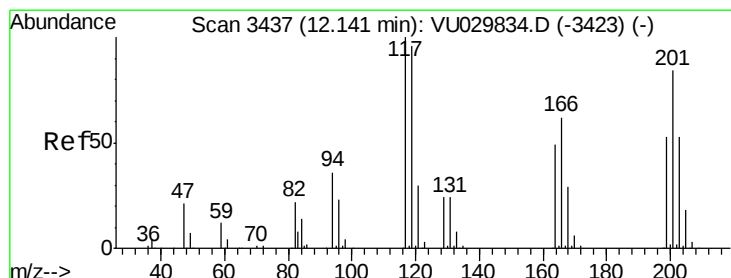
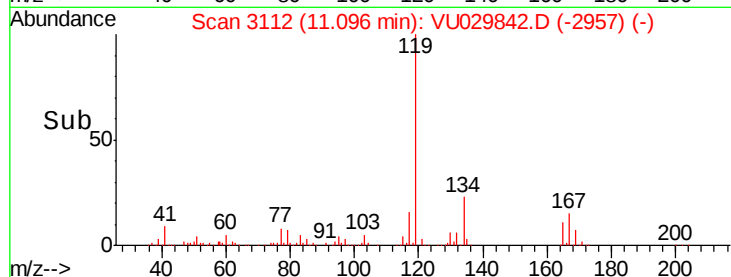
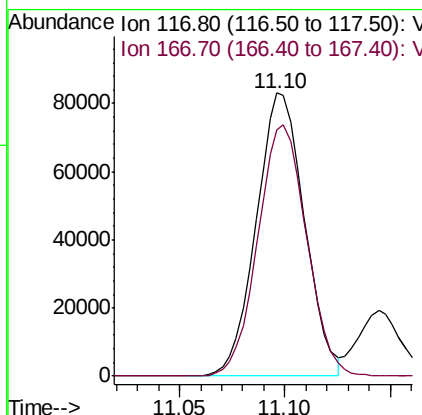
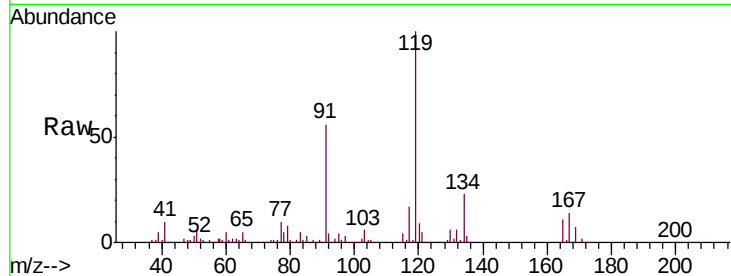




#61
 Pentachloroethane
 Concen: 10.481 ug/l
 RT: 11.10 min Scan# 3112
 Delta R.T. -0.00 min
 Lab File: VU029842.D
 Acq: 06 Mar 2019 16:30

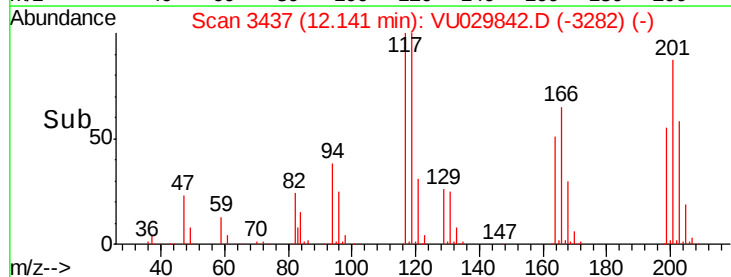
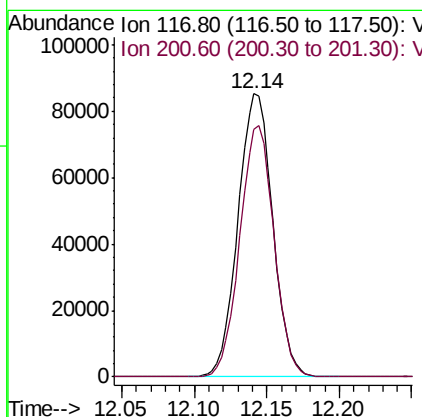
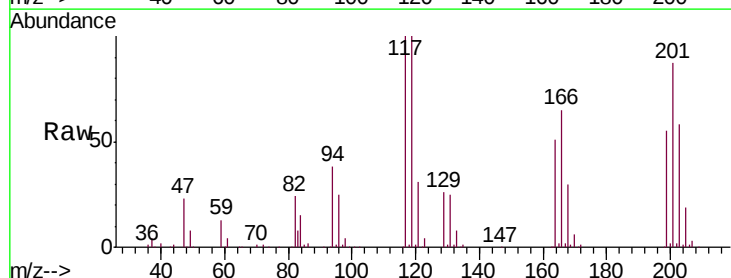
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

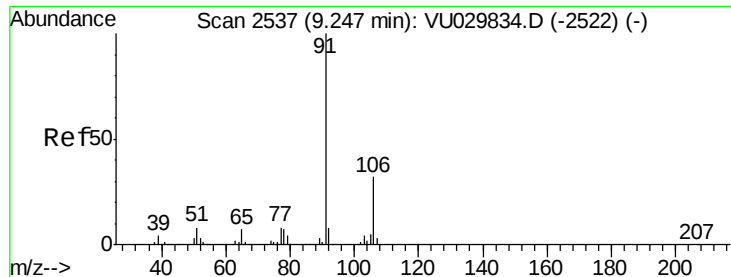
Tgt Ion:117 Resp: 132171
 Ion Ratio Lower Upper
 117 100
 167 89.9 71.4 107.2



#62
 Hexachloroethane
 Concen: 10.681 ug/l
 RT: 12.14 min Scan# 3437
 Delta R.T. -0.00 min
 Lab File: VU029842.D
 Acq: 06 Mar 2019 16:30

Tgt Ion:117 Resp: 141695
 Ion Ratio Lower Upper
 117 100
 201 87.2 68.2 102.2

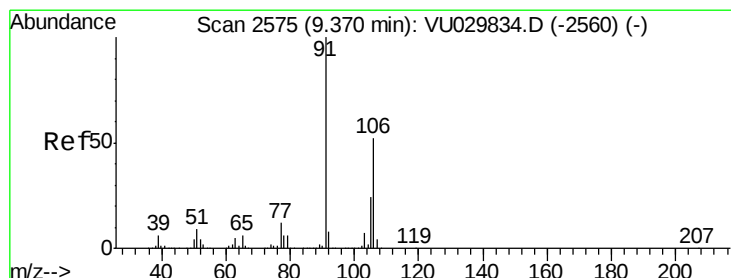
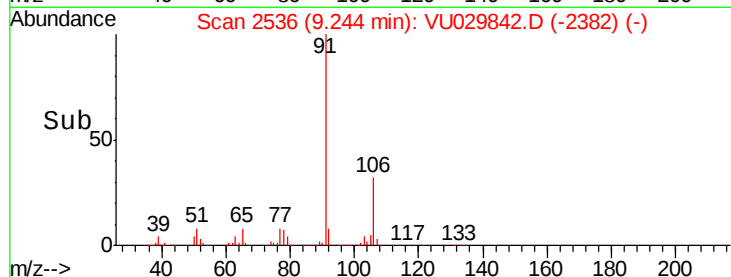
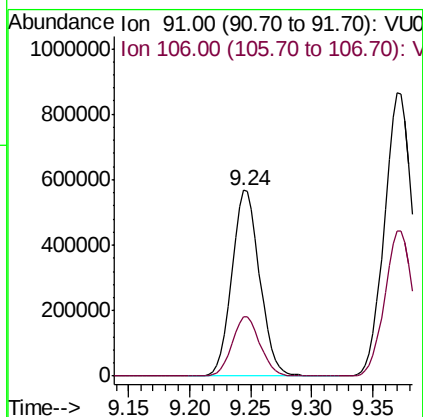
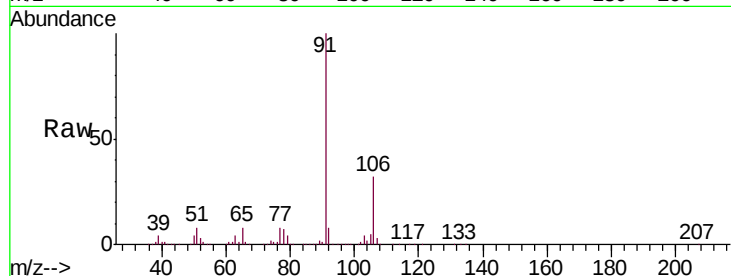




#63
Ethyl Benzene
Concen: 10.916 ug/l
RT: 9.24 min Scan# 2536
Delta R.T. -0.00 min
Lab File: VU029842.D
Acq: 06 Mar 2019 16:30

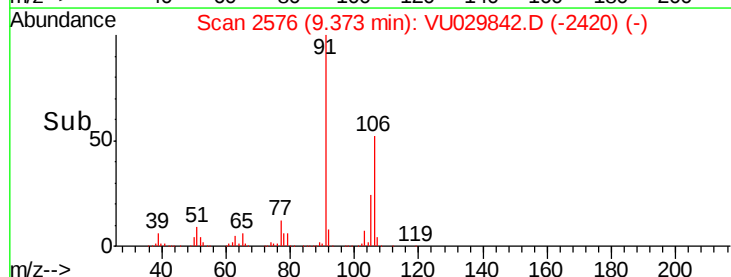
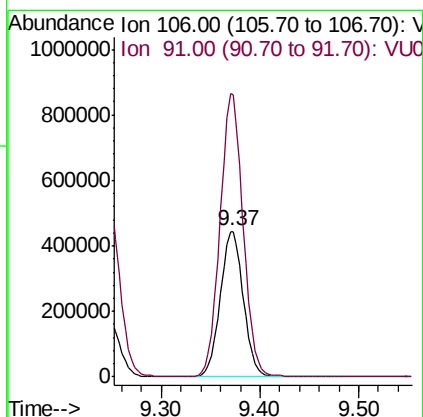
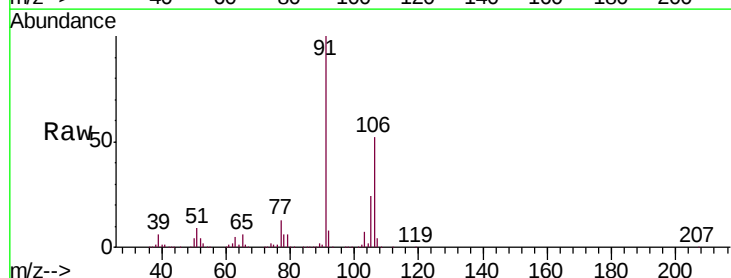
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

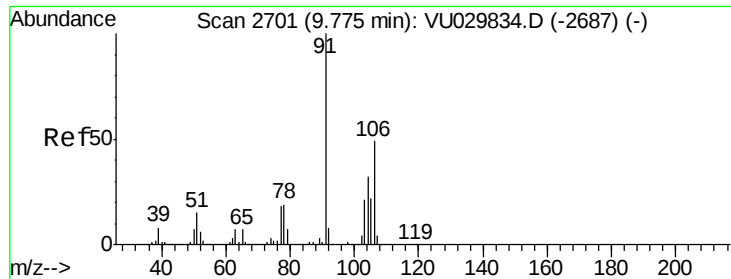
Tgt Ion: 91 Resp: 902890
Ion Ratio Lower Upper
91 100
106 31.8 25.7 38.5



#64
m/p-Xylenes
Concen: 22.290 ug/l
RT: 9.37 min Scan# 2576
Delta R.T. 0.00 min
Lab File: VU029842.D
Acq: 06 Mar 2019 16:30

Tgt Ion: 106 Resp: 728874
Ion Ratio Lower Upper
106 100
91 194.8 155.3 232.9

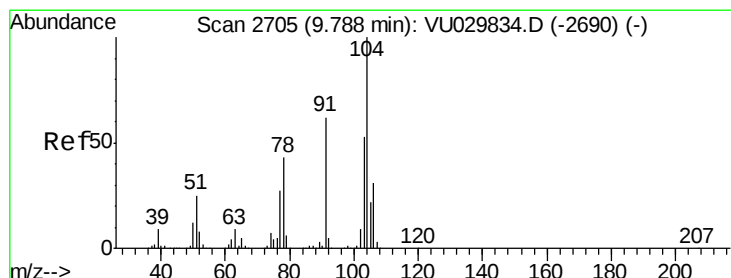
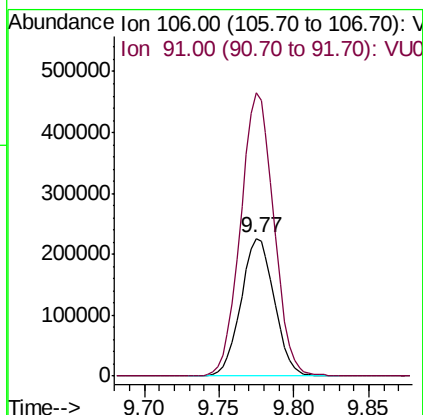
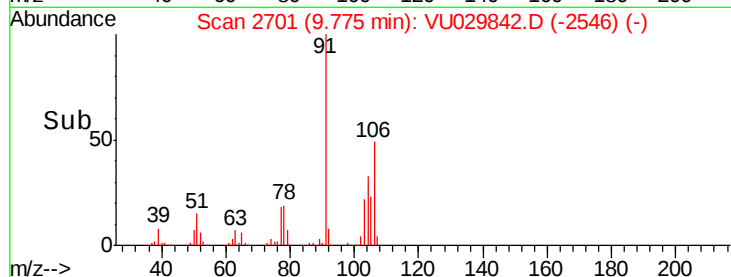
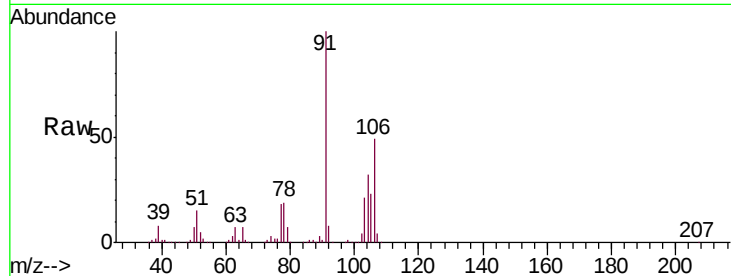




#65
o-Xylene
Concen: 11.204 ug/l
RT: 9.77 min Scan# 2701
Delta R.T. -0.00 min
Lab File: VU029842.D
Acq: 06 Mar 2019 16:30

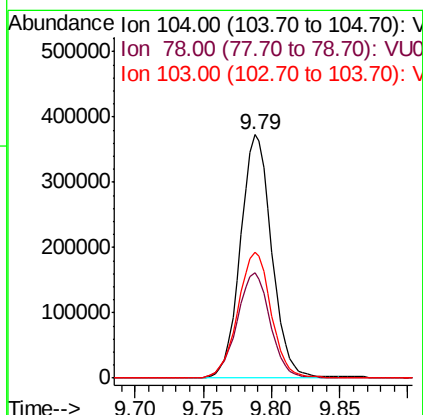
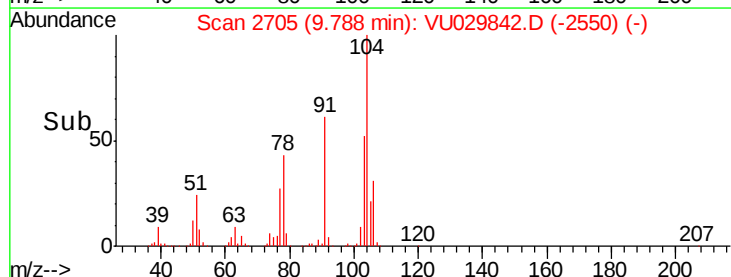
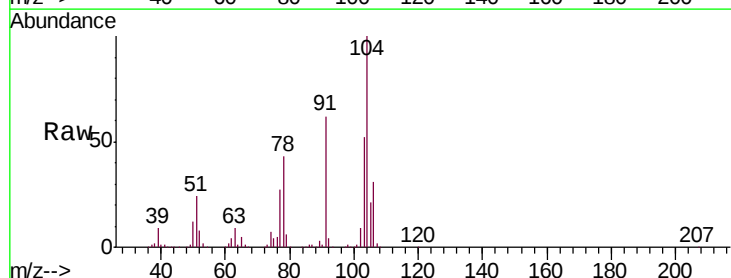
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

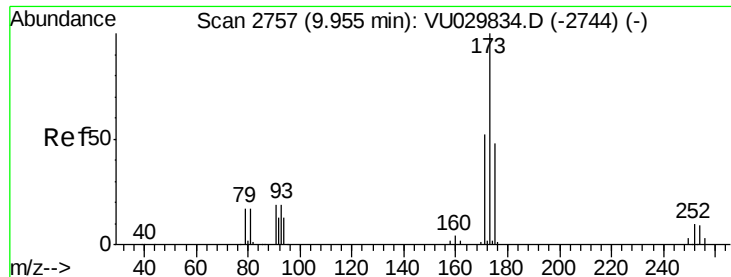
Tgt Ion:106 Resp: 351875
Ion Ratio Lower Upper
106 100
91 205.1 102.8 308.3



#66
Styrene
Concen: 11.379 ug/l
RT: 9.79 min Scan# 2705
Delta R.T. -0.00 min
Lab File: VU029842.D
Acq: 06 Mar 2019 16:30

Tgt Ion:104 Resp: 593702
Ion Ratio Lower Upper
104 100
78 46.4 37.2 55.8
103 55.5 44.7 67.1

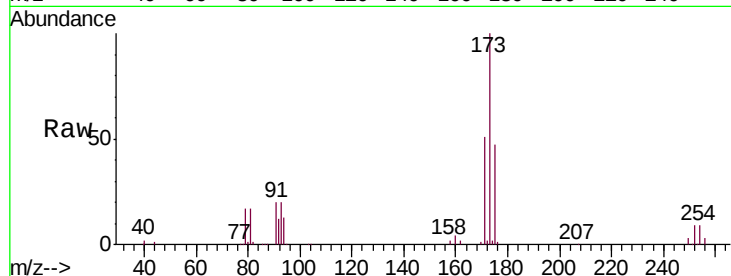




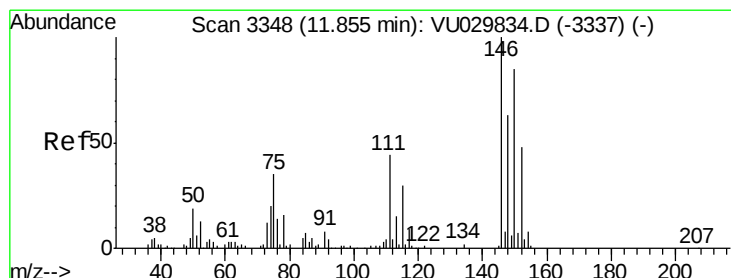
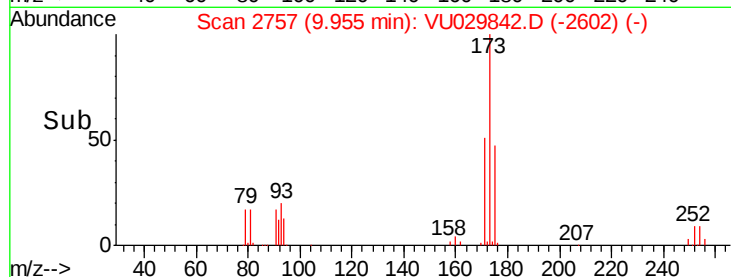
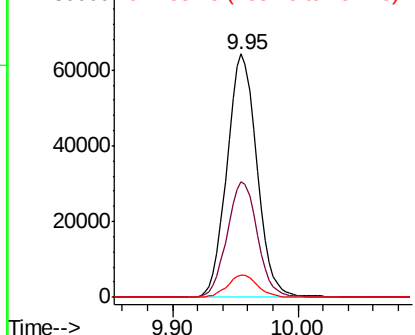
#67
 Bromoform
 Concen: 10.990 ug/l
 RT: 9.95 min Scan# 2757
 Delta R.T. -0.00 min
 Lab File: VU029842.D
 Acq: 06 Mar 2019 16:30

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion:173 Resp: 106435
 Ion Ratio Lower Upper
 173 100
 175 48.2 38.6 57.8
 254 9.1 7.4 11.2

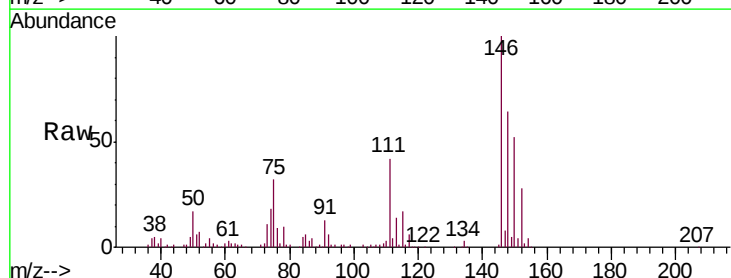


Abundance Ion 172.90 (172.60 to 173.60): V
 Ion 174.90 (174.60 to 175.60): V
 Ion 253.75 (253.45 to 254.45): V

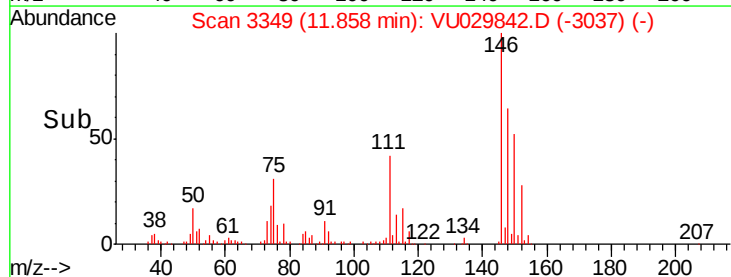
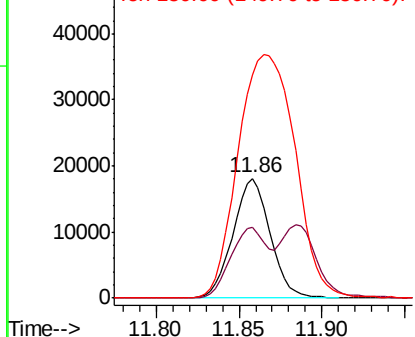


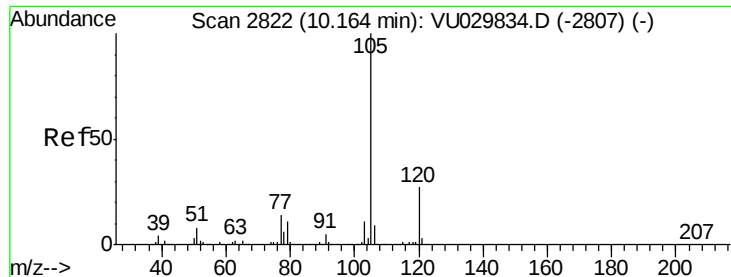
#68
 1,2-Dichlorobenzene-d4
 Concen: 10.990 ug/l
 RT: 11.86 min Scan# 3349
 Delta R.T. 0.00 min
 Lab File: VU029842.D
 Acq: 06 Mar 2019 16:30

Tgt Ion:152 Resp: 28119
 Ion Ratio Lower Upper
 152 100
 115 60.3 0.0 124.0
 150 313.8 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: 11.115 ug/l

RT: 10.16 min Scan# 2822

Delta R.T. -0.00 min

Lab File: VU029842.D

Acq: 06 Mar 2019 16:30

Instrument :

MSVOA_U

ClientSampleId :

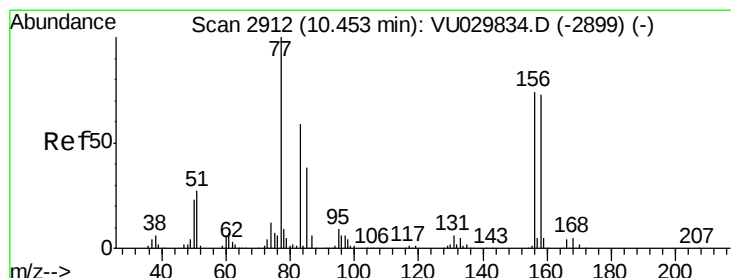
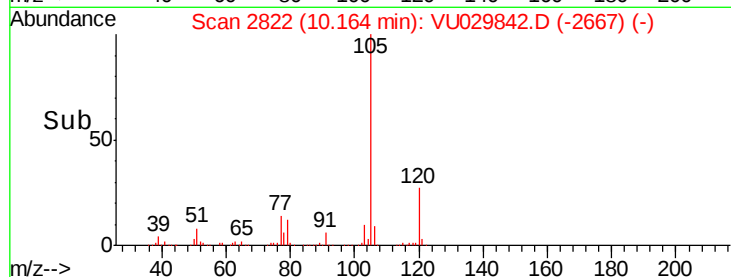
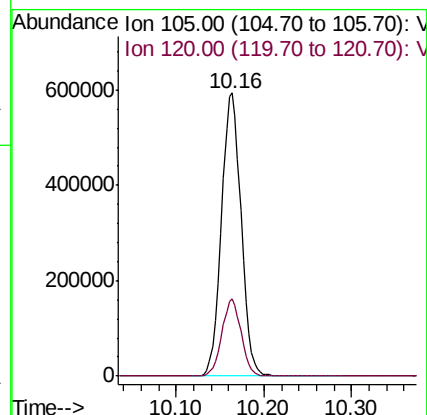
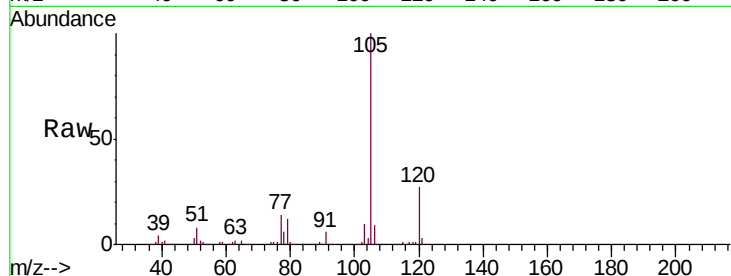
VSTDCCC010EC

Tgt Ion:105 Resp: 925641

Ion Ratio Lower Upper

105 100

120 26.7 13.5 40.5



#70

1,1,2,2-Tetrachloroethane

Concen: 10.630 ug/l

RT: 10.45 min Scan# 2912

Delta R.T. -0.00 min

Lab File: VU029842.D

Acq: 06 Mar 2019 16:30

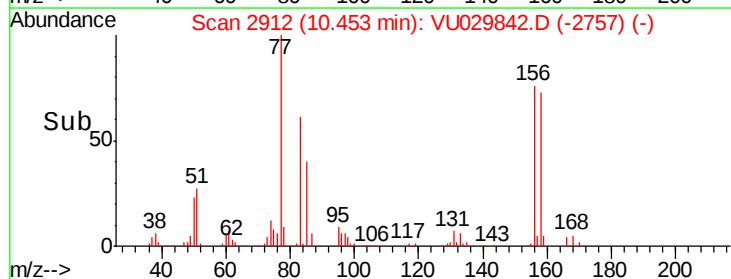
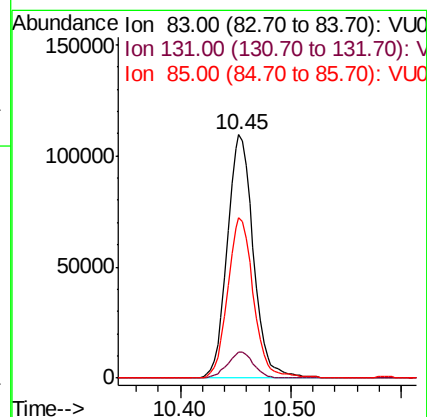
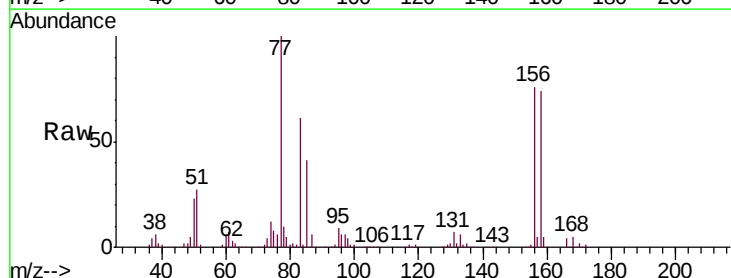
Tgt Ion: 83 Resp: 180104

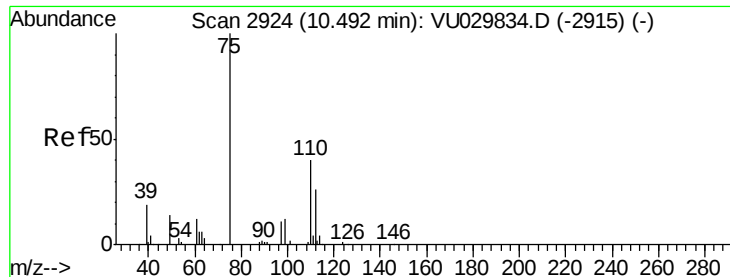
Ion Ratio Lower Upper

83 100

131 10.7 8.3 12.5

85 64.8 52.5 78.7





#71

1,2,3-Trichloropropane

Concen: 8.683 ug/l

RT: 10.49 min Scan# 2924

Delta R.T. -0.00 min

Lab File: VU029842.D

Acq: 06 Mar 2019 16:30

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 75 Resp: 109340

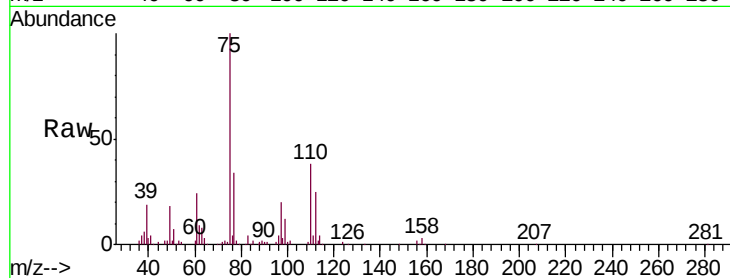
Ion Ratio Lower Upper

75 100

77 63.2 0.0 16.4#

110 43.9 0.0 74.8

97 22.5 0.0 39.4

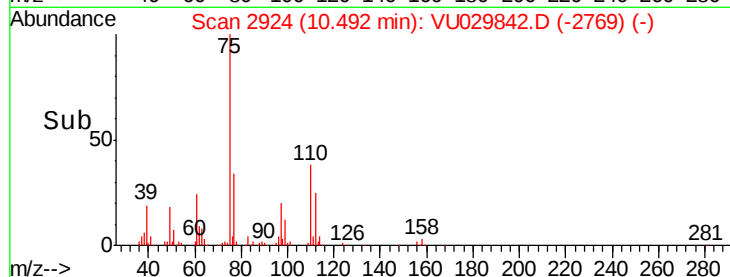


Abundance Ion 75.00 (74.70 to 75.70): VU0

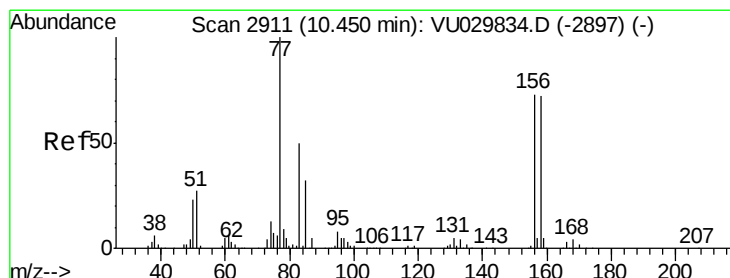
Ion 77.00 (76.70 to 77.70): VU0

Ion 110.00 (109.70 to 110.70): V

Ion 97.00 (96.70 to 97.70): VU0



Time-->



#72

Bromobenzene

Concen: 10.790 ug/l

RT: 10.45 min Scan# 2911

Delta R.T. -0.00 min

Lab File: VU029842.D

Acq: 06 Mar 2019 16:30

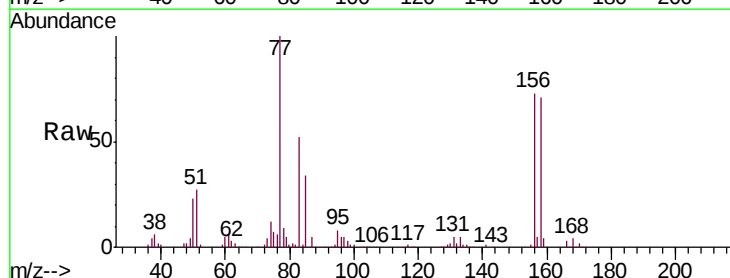
Tgt Ion: 156 Resp: 237839

Ion Ratio Lower Upper

156 100

77 136.4 0.0 282.2

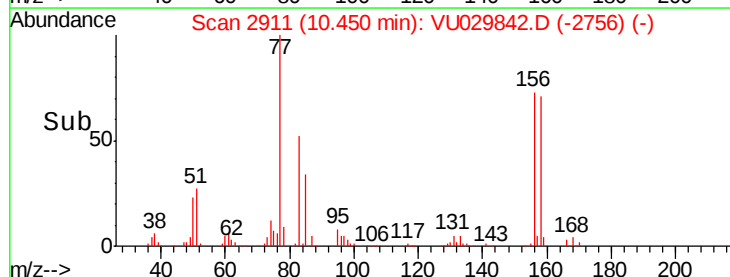
158 96.6 0.0 196.2



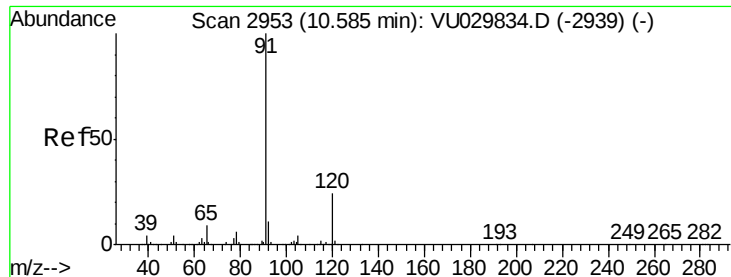
Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 158.00 (157.70 to 158.70): V



Time-->



#73

n-propylbenzene

Concen: 11.255 ug/l

RT: 10.58 min Scan# 2953

Delta R.T. -0.00 min

Lab File: VU029842.D

Acq: 06 Mar 2019 16:30

Instrument :

MSVOA_U

ClientSampleId :

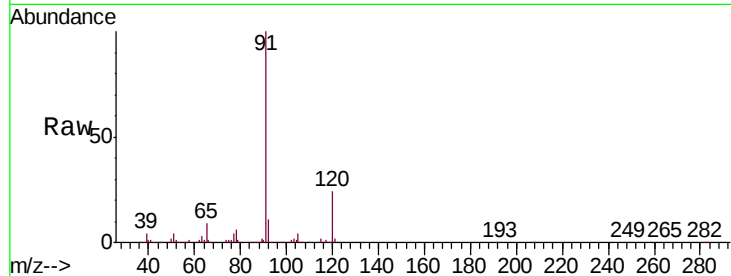
VSTDCCC010EC

Tgt Ion:120 Resp: 263505

Ion Ratio Lower Upper

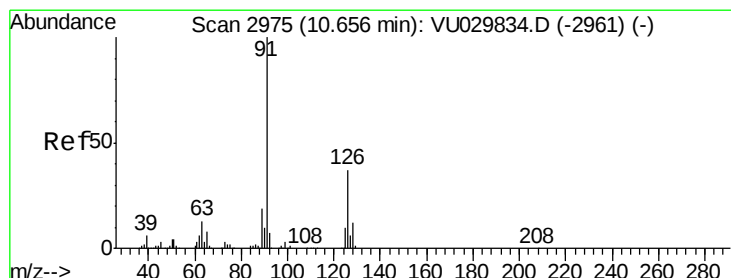
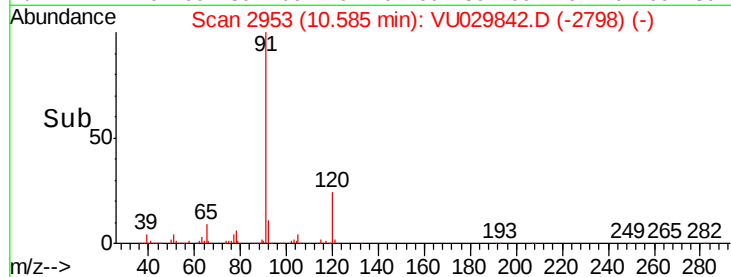
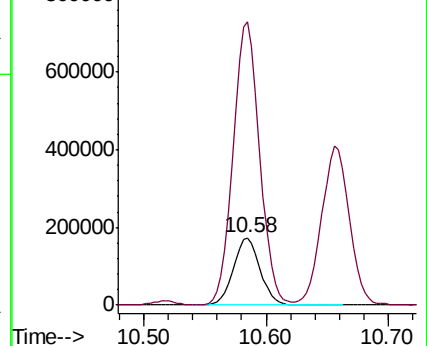
120 100

91 419.5 333.4 500.2



Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0



#74

2-Chlorotoluene

Concen: 10.834 ug/l

RT: 10.66 min Scan# 2975

Delta R.T. -0.00 min

Lab File: VU029842.D

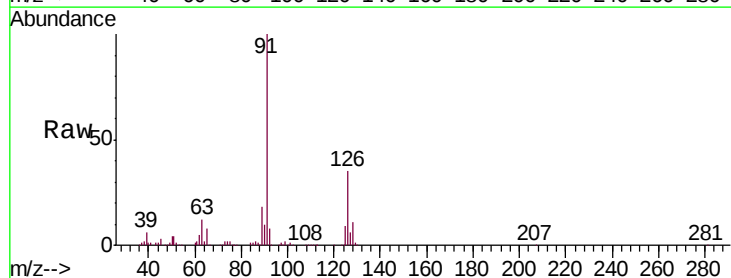
Acq: 06 Mar 2019 16:30

Tgt Ion:126 Resp: 224999

Ion Ratio Lower Upper

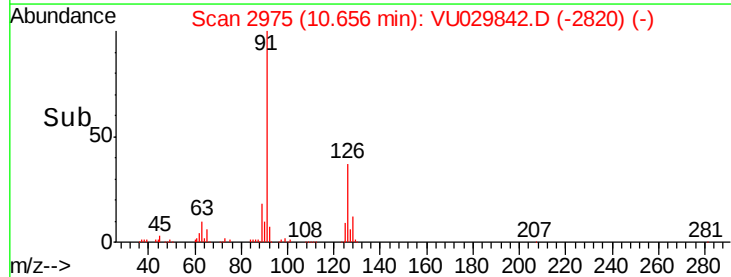
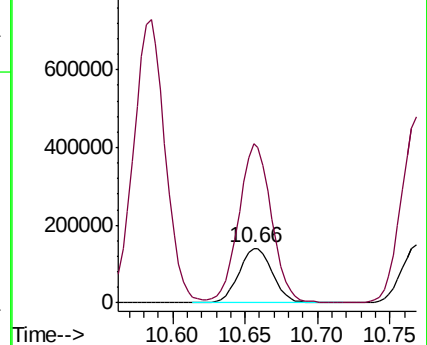
126 100

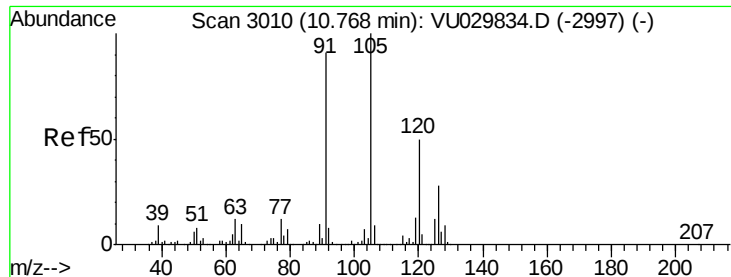
91 282.1 0.0 569.0



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0





#75

1,3,5-Trimethylbenzene

Concen: 11.215 ug/l

RT: 10.77 min Scan# 3010

Delta R.T. -0.00 min

Lab File: VU029842.D

Acq: 06 Mar 2019 16:30

Instrument :

MSVOA_U

ClientSampleId :

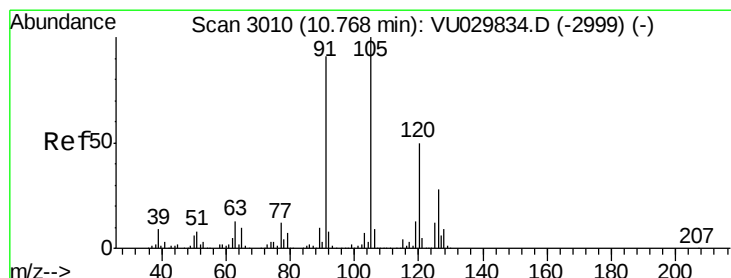
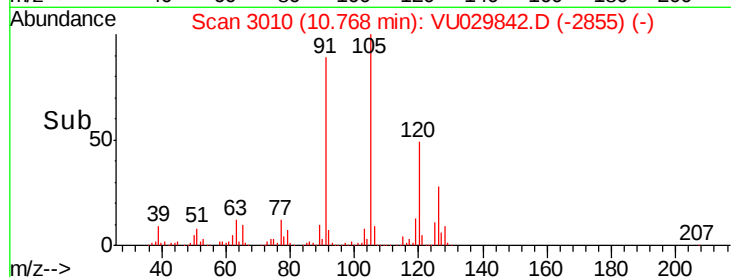
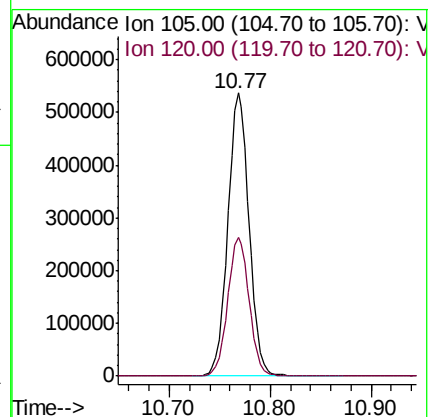
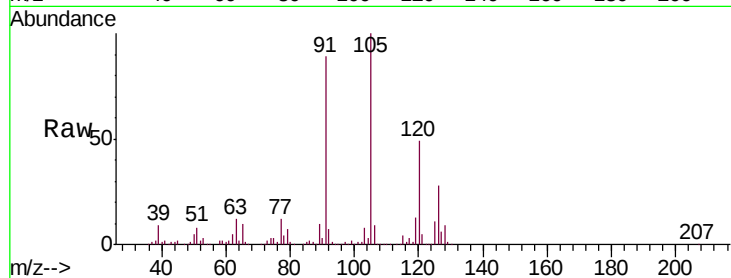
VSTDCCC010EC

Tgt Ion:105 Resp: 786833

Ion Ratio Lower Upper

105 100

120 49.9 40.0 60.0



#76

4-Chlorotoluene

Concen: 10.966 ug/l

RT: 10.77 min Scan# 3010

Delta R.T. -0.00 min

Lab File: VU029842.D

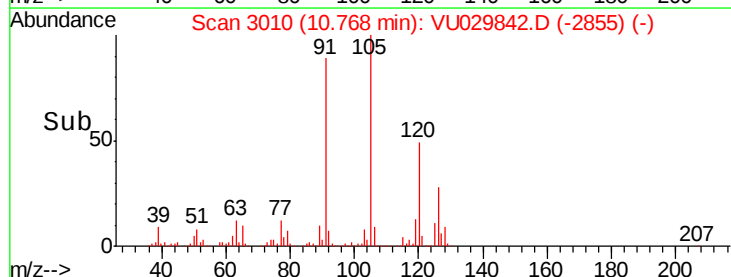
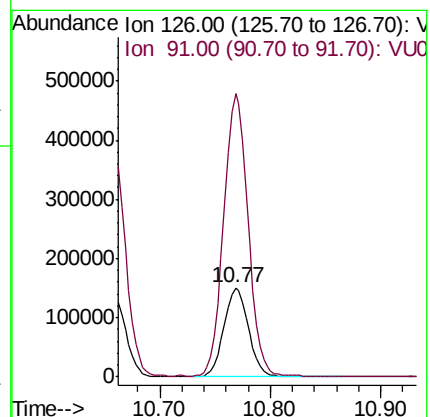
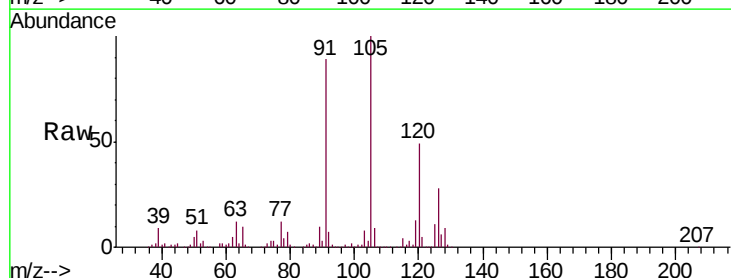
Acq: 06 Mar 2019 16:30

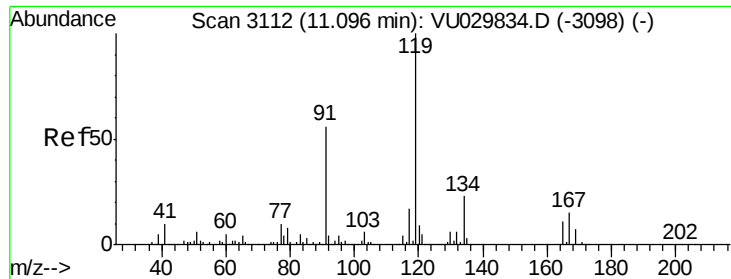
Tgt Ion:126 Resp: 232236

Ion Ratio Lower Upper

126 100

91 317.4 0.0 634.8

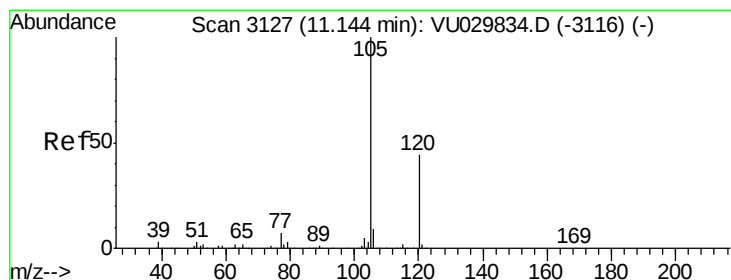
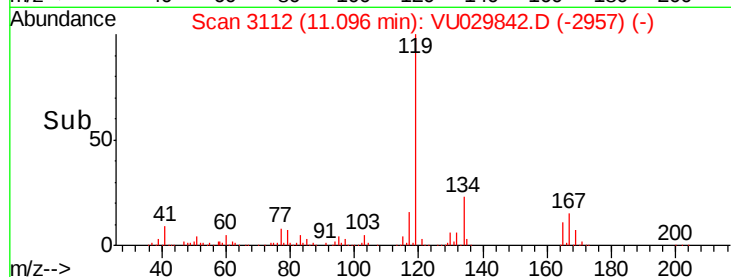
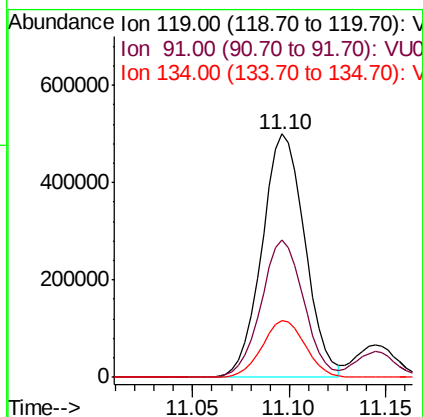
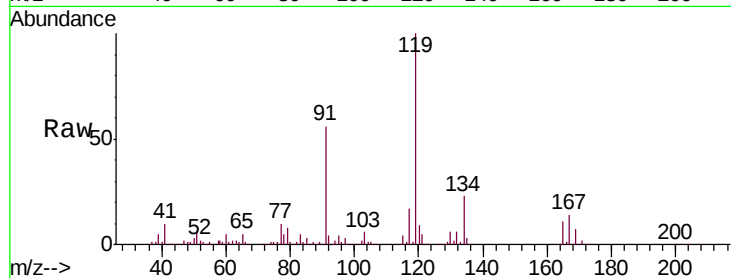




#77
 tert-Butylbenzene
 Concen: 11.095 ug/l
 RT: 11.10 min Scan# 3112
 Delta R.T. -0.00 min
 Lab File: VU029842.D
 Acq: 06 Mar 2019 16:30

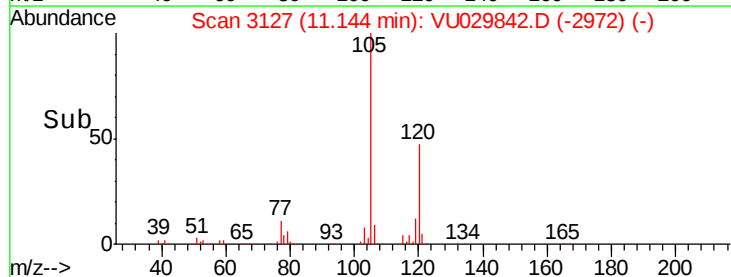
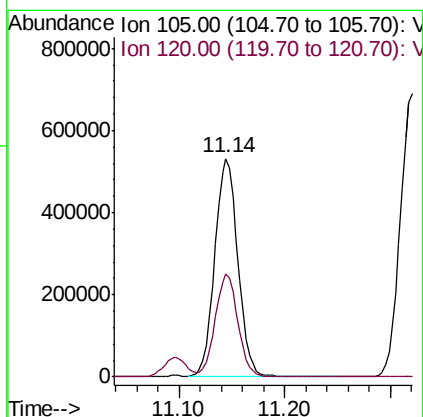
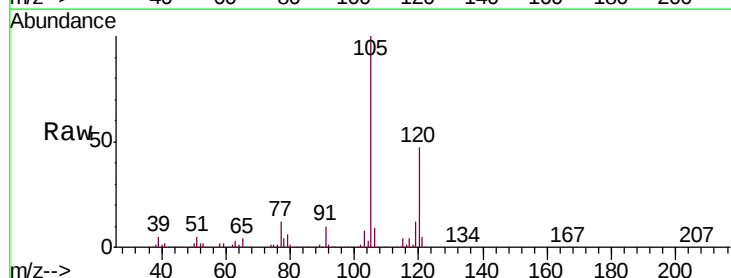
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

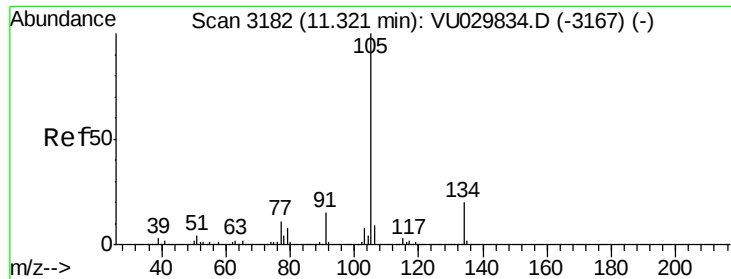
Tgt Ion:119 Resp: 770108
 Ion Ratio Lower Upper
 119 100
 91 56.1 27.7 83.1
 134 23.5 18.7 28.1



#78
 1,2,4-Trimethylbenzene
 Concen: 11.349 ug/l
 RT: 11.14 min Scan# 3127
 Delta R.T. -0.00 min
 Lab File: VU029842.D
 Acq: 06 Mar 2019 16:30

Tgt Ion:105 Resp: 804545
 Ion Ratio Lower Upper
 105 100
 120 46.5 23.5 70.5





#79

sec-Butylbenzene

Concen: 11.354 ug/l

RT: 11.32 min Scan# 3182

Delta R.T. -0.00 min

Lab File: VU029842.D

Acq: 06 Mar 2019 16:30

Instrument :

MSVOA_U

ClientSampleId :

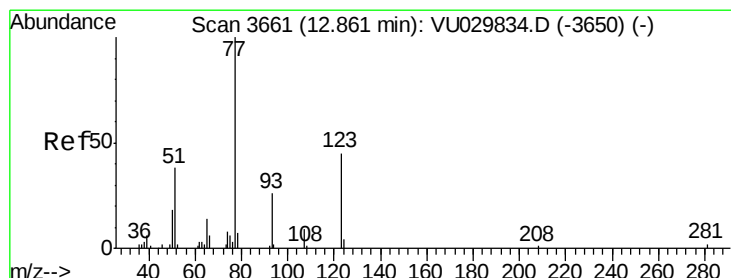
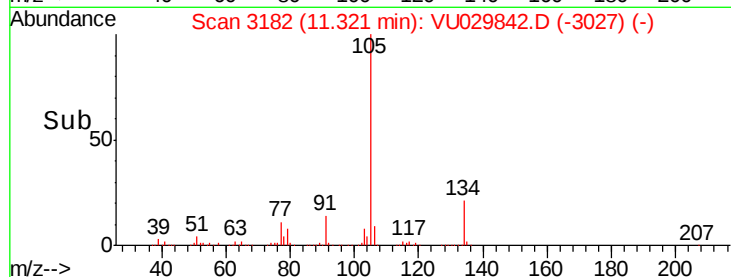
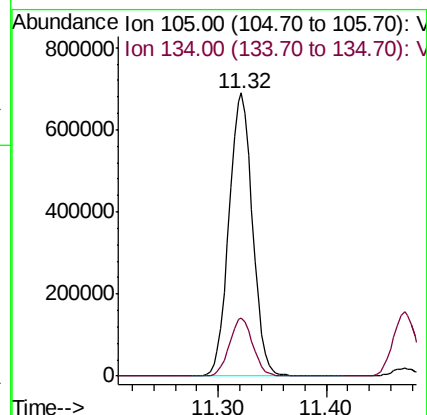
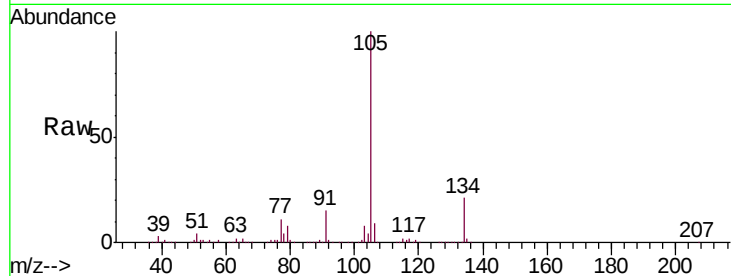
VSTDCCC010EC

Tgt Ion:105 Resp: 1044519

Ion Ratio Lower Upper

105 100

134 20.5 16.3 24.5



#80

Nitrobenzene

Concen: 55.361 ug/l

RT: 12.86 min Scan# 3661

Delta R.T. -0.00 min

Lab File: VU029842.D

Acq: 06 Mar 2019 16:30

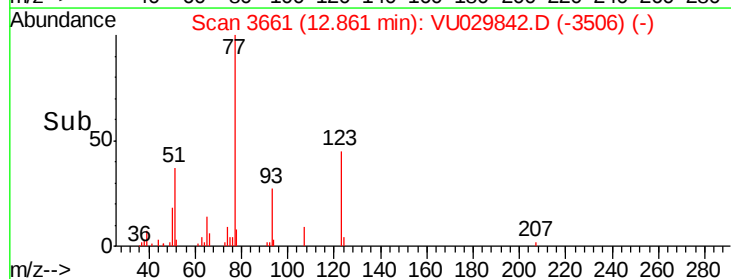
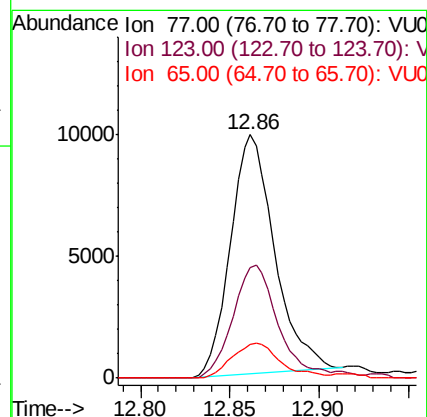
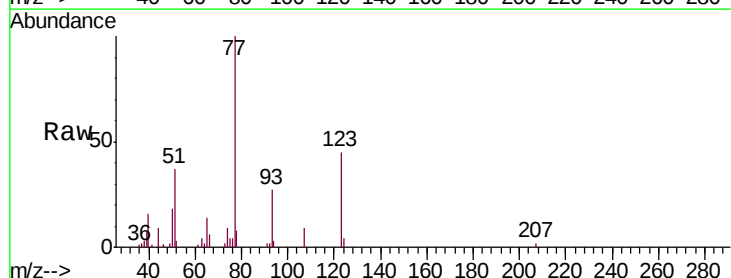
Tgt Ion: 77 Resp: 17028

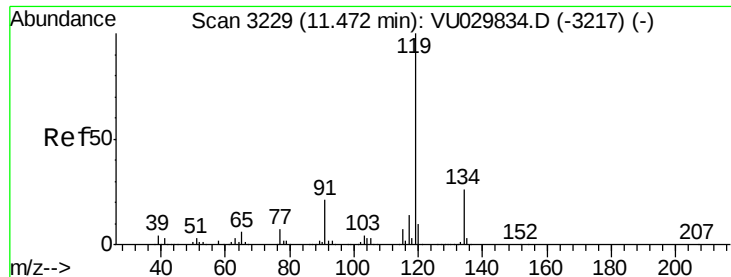
Ion Ratio Lower Upper

77 100

123 47.4 20.2 71.4

65 14.1 14.0 17.8

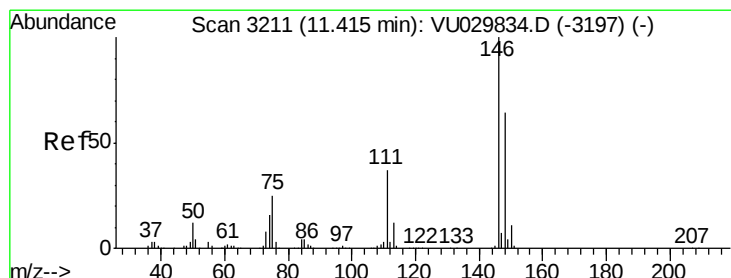
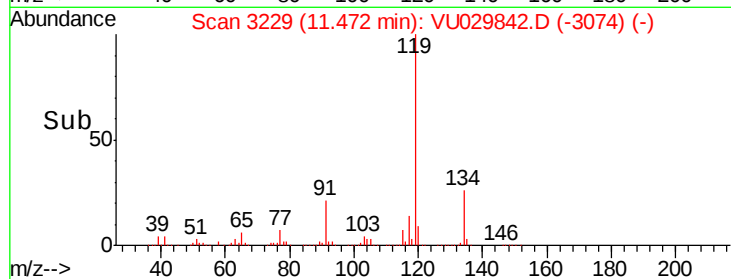
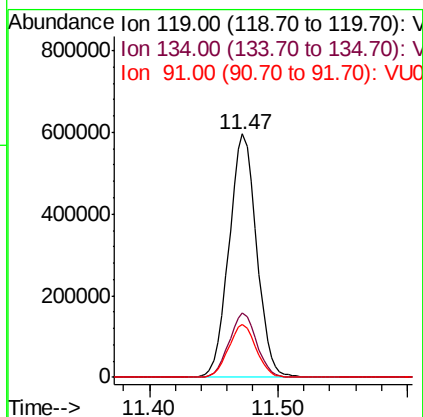
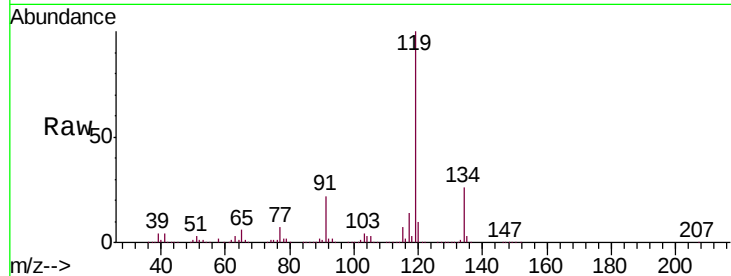




#81
p-Isopropyltoluene
Concen: 11.430 ug/l
RT: 11.47 min Scan# 3229
Delta R.T. -0.00 min
Lab File: VU029842.D
Acq: 06 Mar 2019 16:30

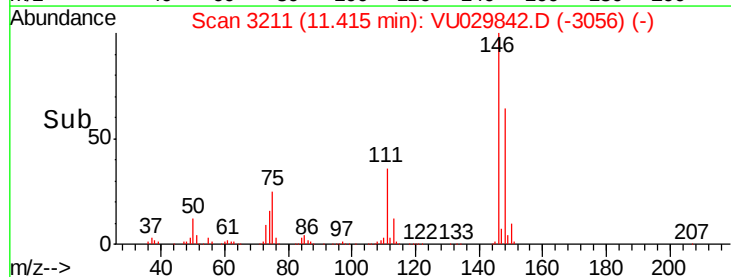
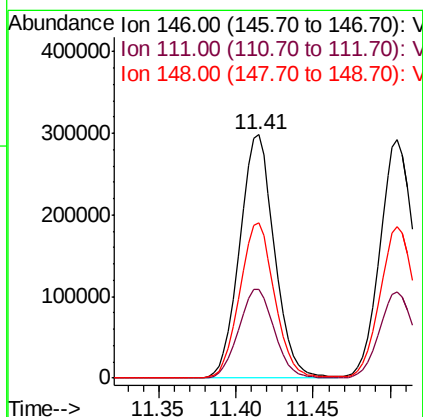
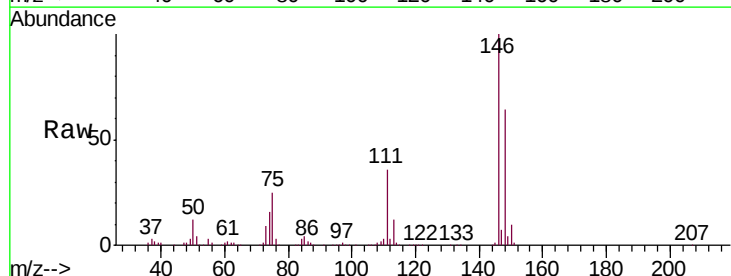
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

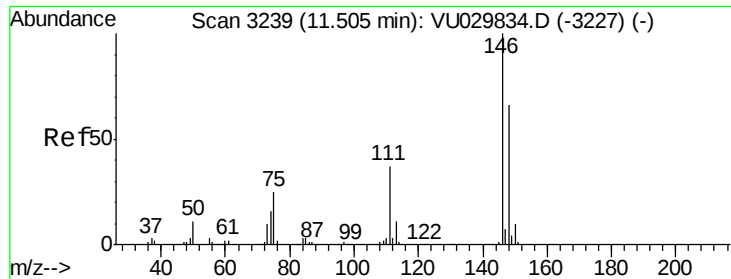
Tgt Ion:119 Resp: 880301
Ion Ratio Lower Upper
119 100
134 26.5 21.2 31.8
91 21.7 17.2 25.8



#82
1,3-Dichlorobenzene
Concen: 10.693 ug/l
RT: 11.41 min Scan# 3211
Delta R.T. -0.00 min
Lab File: VU029842.D
Acq: 06 Mar 2019 16:30

Tgt Ion:146 Resp: 466806
Ion Ratio Lower Upper
146 100
111 37.4 30.2 45.4
148 64.1 51.2 76.8

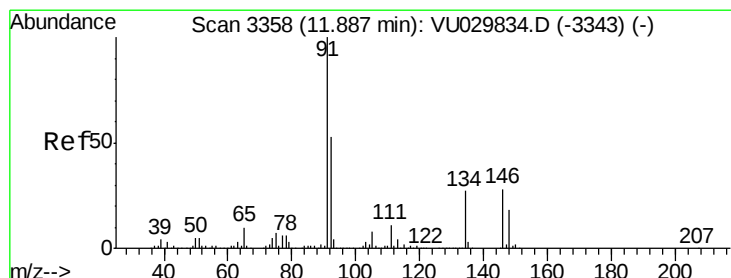
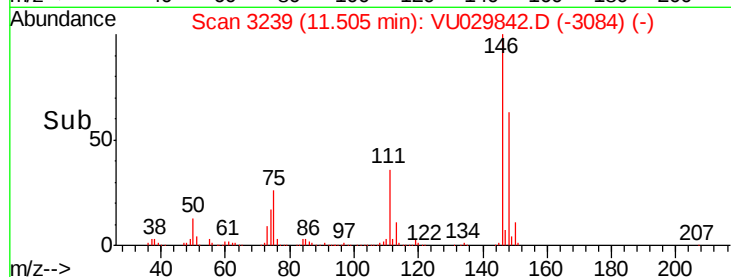
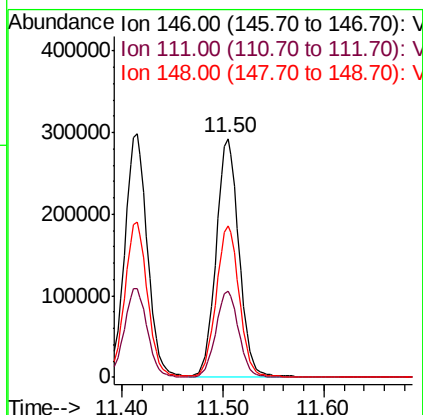
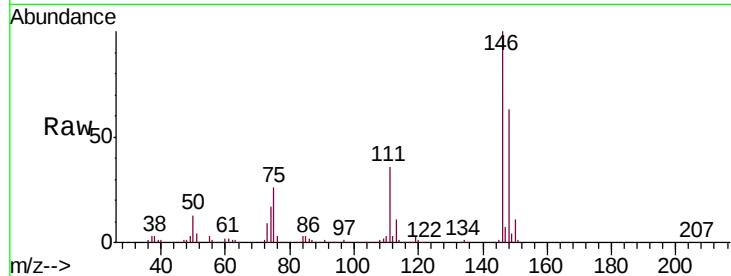




#83
 1,4-Dichlorobenzene
 Concen: 10.834 ug/l
 RT: 11.50 min Scan# 3239
 Delta R.T. -0.00 min
 Lab File: VU029842.D
 Acq: 06 Mar 2019 16:30

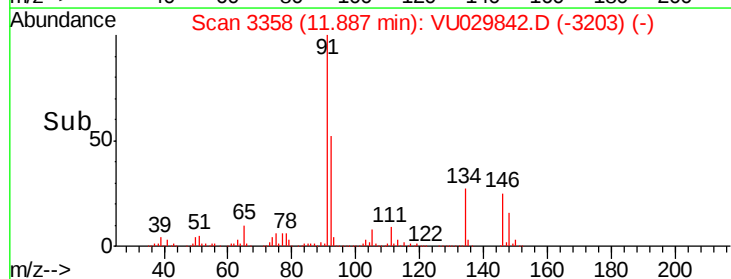
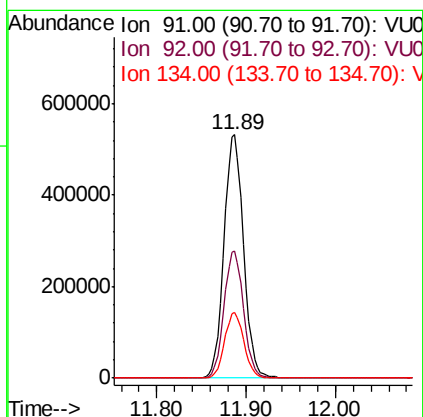
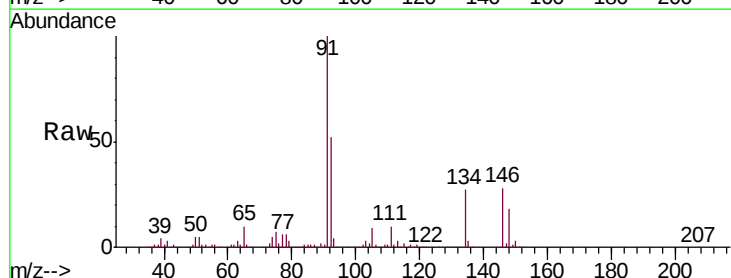
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

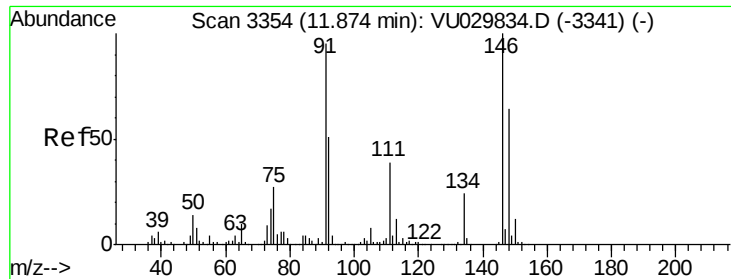
Tgt Ion: 146 Resp: 462153
 Ion Ratio Lower Upper
 146 100
 111 36.2 29.4 44.2
 148 63.9 51.7 77.5



#84
 n-Butylbenzene
 Concen: 11.480 ug/l
 RT: 11.89 min Scan# 3358
 Delta R.T. -0.00 min
 Lab File: VU029842.D
 Acq: 06 Mar 2019 16:30

Tgt Ion: 91 Resp: 805592
 Ion Ratio Lower Upper
 91 100
 92 52.3 42.6 63.8
 134 26.9 21.7 32.5





#85

1,2-Dichlorobenzene

Concen: 10.551 ug/l

RT: 11.87 min Scan# 3354

Delta R.T. -0.00 min

Lab File: VU029842.D

Acq: 06 Mar 2019 16:30

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

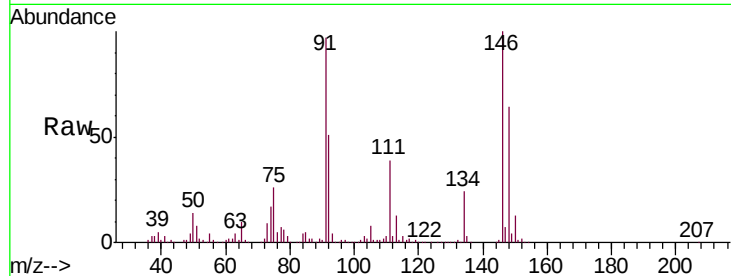
Tgt Ion:146 Resp: 434341

Ion Ratio Lower Upper

146 100

111 39.3 19.9 59.6

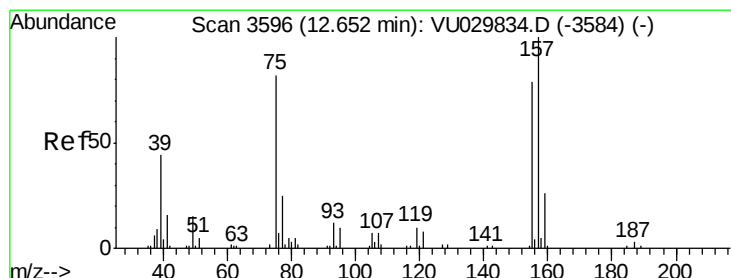
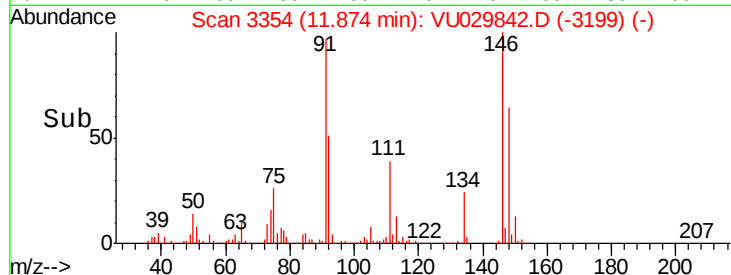
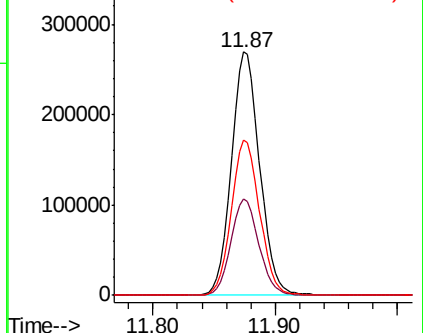
148 63.9 32.1 96.3



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: 10.996 ug/l

RT: 12.65 min Scan# 3596

Delta R.T. -0.00 min

Lab File: VU029842.D

Acq: 06 Mar 2019 16:30

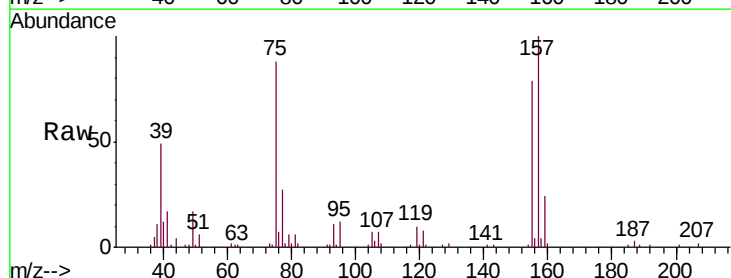
Tgt Ion: 75 Resp: 26602

Ion Ratio Lower Upper

75 100

155 95.1 76.6 114.8

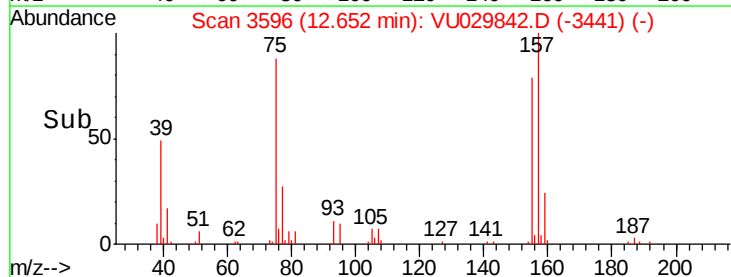
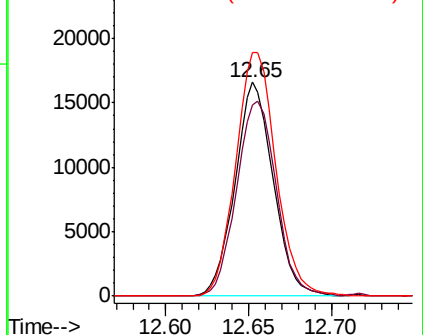
157 119.9 96.2 144.2

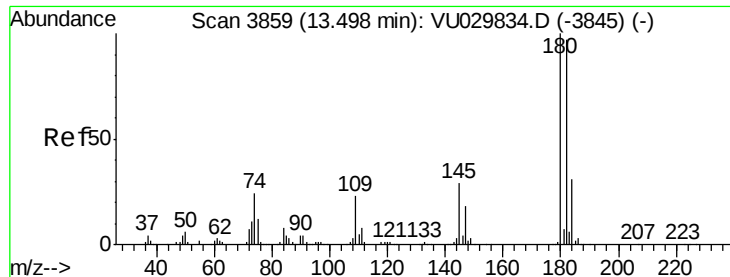


Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

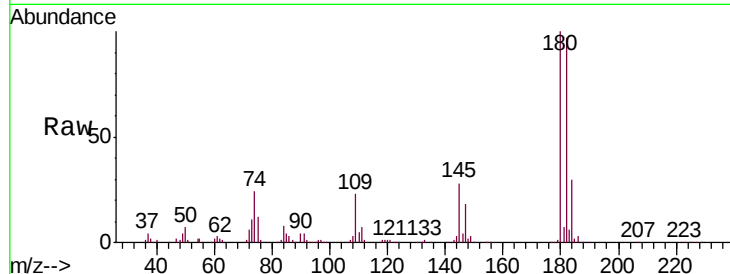




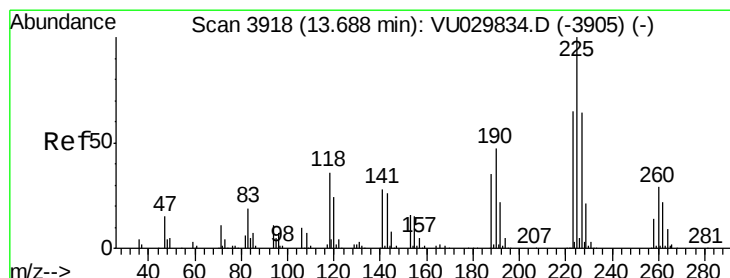
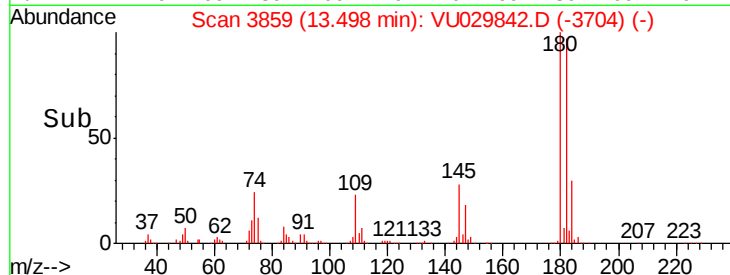
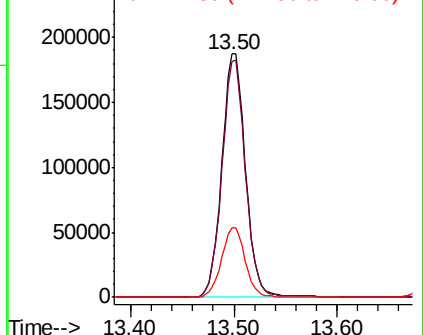
#87
 1,2,4-Trichlorobenzene
 Concen: 11.357 ug/l
 RT: 13.50 min Scan# 3859
 Delta R.T. -0.00 min
 Lab File: VU029842.D
 Acq: 06 Mar 2019 16:30

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion:180 Resp: 299402
 Ion Ratio Lower Upper
 180 100
 182 96.1 77.5 116.3
 145 28.7 23.6 35.4

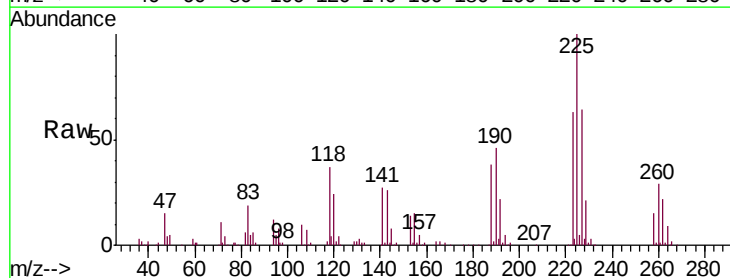


Abundance Ion 179.70 (179.40 to 180.40): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

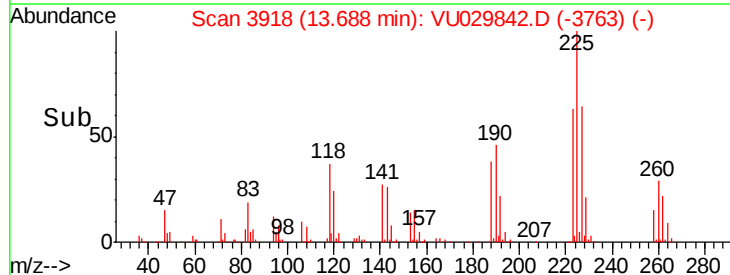
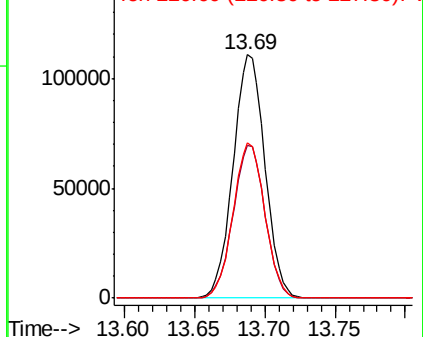


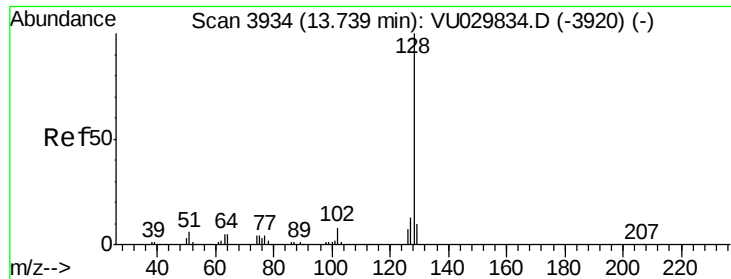
#88
 Hexachlorobutadiene
 Concen: 10.550 ug/l
 RT: 13.69 min Scan# 3918
 Delta R.T. -0.00 min
 Lab File: VU029842.D
 Acq: 06 Mar 2019 16:30

Tgt Ion:225 Resp: 175180
 Ion Ratio Lower Upper
 225 100
 223 62.7 51.2 76.8
 227 63.5 50.9 76.3



Abundance Ion 224.60 (224.30 to 225.30): V
 Ion 222.60 (222.30 to 223.30): V
 Ion 226.60 (226.30 to 227.30): V

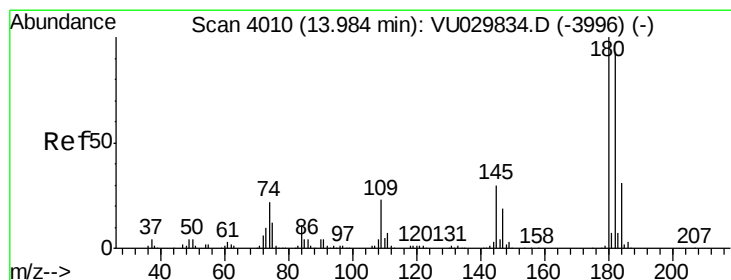
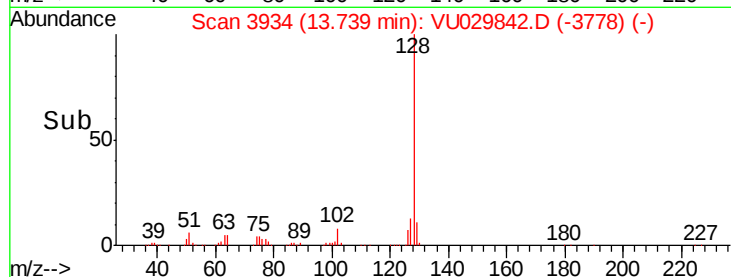
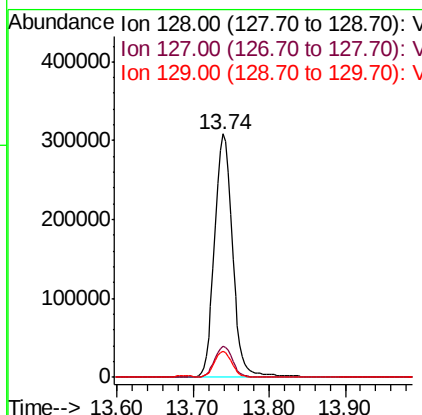
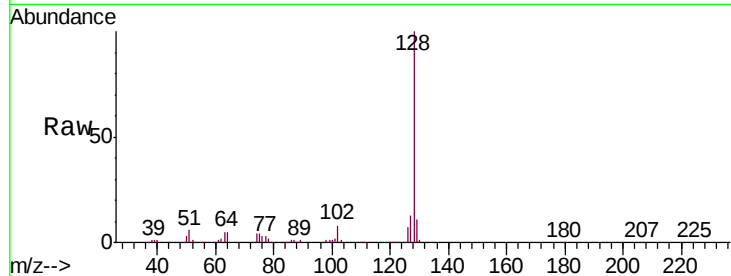




#89
Naphthalene
Concen: 9.946 ug/l
RT: 13.74 min Scan# 3934
Delta R.T. 0.00 min
Lab File: VU029842.D
Acq: 06 Mar 2019 16:30

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion:128 Resp: 507480
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 10.2 8.2 12.4



#90
1,2,3-Trichlorobenzene
Concen: 11.172 ug/l
RT: 13.98 min Scan# 4010
Delta R.T. -0.00 min
Lab File: VU029842.D
Acq: 06 Mar 2019 16:30

Tgt Ion:180 Resp: 276685
Ion Ratio Lower Upper
180 100
182 95.7 74.8 112.2
145 30.9 24.6 36.8

