

Data File : VU029311.D
Acq On : 30 Jan 2019 12:13
Operator : JC/SP
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Quant Time: Jan 31 06:21:08 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U012919DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Jan 30 09:13:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.74	96	8868	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.30	95	3895	1.13	ug/l	0.00
Spiked Amount	1.000		Recovery	=	113.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	3781	1.10	ug/l	0.00
Spiked Amount	1.000		Recovery	=	110.00%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	40703	9.946 ug/l	97
3) Chloromethane	1.32	50	32482	9.805 ug/l	96
4) Vinyl Chloride	1.39	62	33462	9.797 ug/l	100
5) Bromomethane	1.61	94	19965	9.324 ug/l	95
6) Chloroethane	1.69	64	24377	10.187 ug/l	98
7) Trichlorofluoromethane	1.87	101	64831	10.245 ug/l	98
8) 1,1,2-Trichloro-1,2,2-trif	2.28	101	28487	10.766 ug/l	98
9) 1,1-Dichloroethene	2.27	96	25597	10.448 ug/l	97
10) Iodomethane	2.40	142	27950	10.259 ug/l	98
11) Allyl Chloride	2.58	41	55825	9.635 ug/l	99
12) Acrylonitrile	2.93	53	13605	18.452 ug/l	97
13) Acetone	2.31	43	45401	49.733 ug/l	98
14) Carbon Disulfide	2.47	76	86521	9.800 ug/l	100
15) Methylene Chloride	2.69	84	30537	9.436 ug/l	99
16) trans-1,2-Dichloroethene	2.97	96	27525	9.991 ug/l	97
17) 1,1-Dichloroethane	3.43	63	59380	9.967 ug/l	100
18) 2-Butanone	4.26	43	50597	53.983 ug/l	100
19) Cyclohexane	4.98	56	37851	10.029 ug/l	94
20) Methylcyclohexane	6.41	83	46018	11.401 ug/l	98
21) 2,2-Dichloropropane	4.21	77	57181	10.588 ug/l	98
22) cis-1,2-Dichloroethene	4.21	96	30615	10.549 ug/l	95
23) Diethyl Ether	2.09	59	24301	9.871 ug/l	97
24) tert-Butyl Alcohol	2.82	59	28308	91.750 ug/l	100
25) Methyl tert-Butyl Ether	2.99	73	83683	10.063 ug/l	100
26) Bromochloromethane	4.54	128	13343	11.251 ug/l	93
27) Chloroform	4.66	83	61652	10.330 ug/l	99
28) 1,1,1-Trichloroethane	4.90	97	57387	10.288 ug/l	98
29) 1,1-Dichloropropene	5.12	75	45271	11.011 ug/l	100
30) Carbon Tetrachloride	5.12	117	51027	10.464 ug/l	100
31) Isopropyl Ether	3.57	45	86938	9.953 ug/l	100
32) Ethyl-t-butyl ether	4.06	59	82593	10.299 ug/l	99
33) Tert-Amyl methyl ether	5.58	73	72605	10.664 ug/l	98
34) Propionitrile	4.32	54	12374	52.592 ug/l	97
35) Benzene	5.38	78	117743	10.410 ug/l	99
36) 1,2-Dichloroethane	5.40	62	48699	10.402 ug/l	100
37) Trichloroethene	6.18	130	30110	10.573 ug/l	100
38) 1,2-Dichloropropane	6.43	63	31988	10.335 ug/l	99
39) Methacrylonitrile	4.54	41	12077	10.696 ug/l	99
40) Methyl acrylate	4.41	55	16668	10.918 ug/l	97
41) Tetrahydrofuran	4.64	42	11256	21.336 ug/l	97
42) 1-Chlorobutane	5.05	56	65224	10.352 ug/l	98

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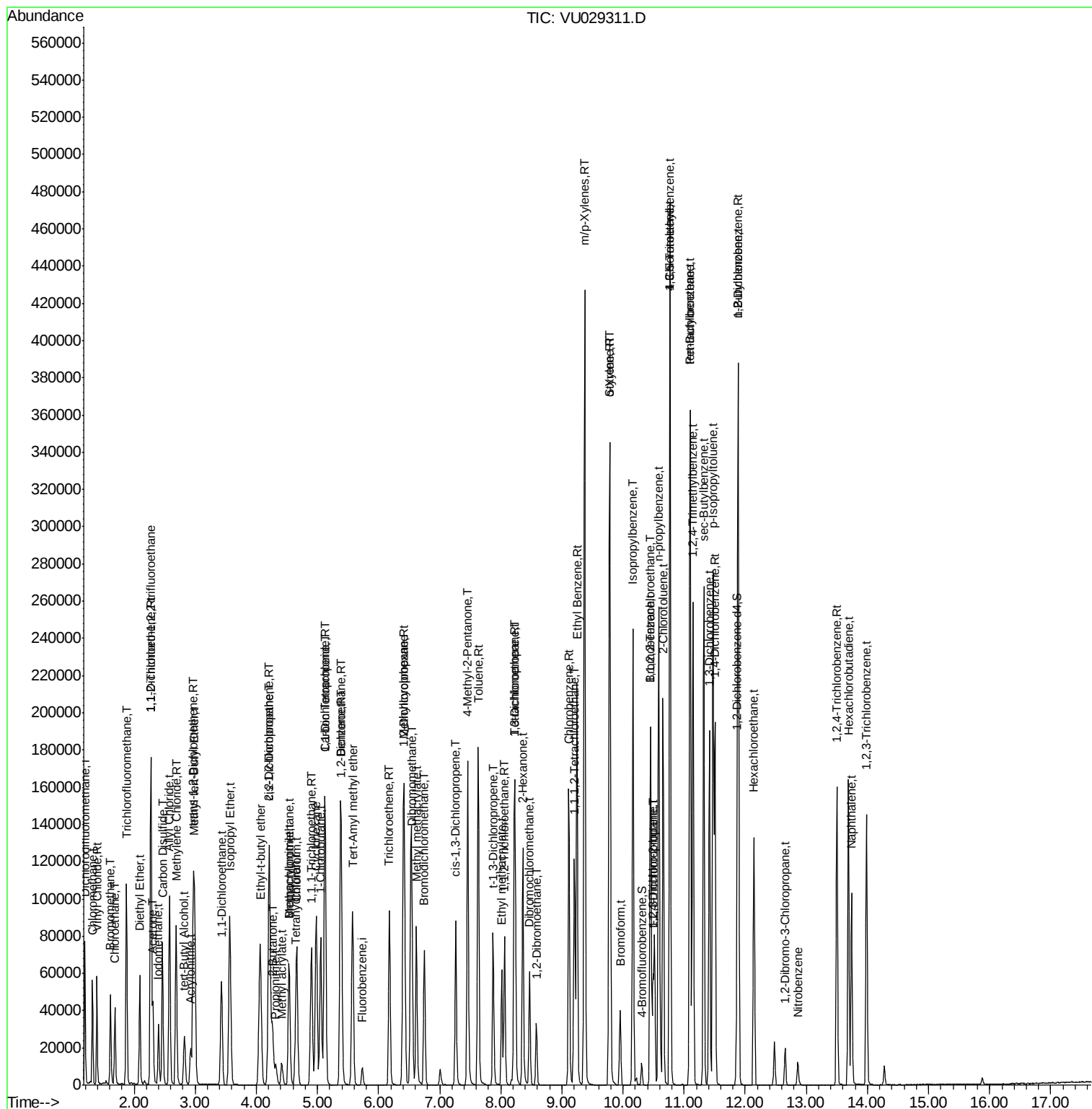
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.55	93	16307	10.563	ug/l	98
44) Bromodichloromethane	6.75	83	47009	10.467	ug/l	98
45) 4-Methyl-2-Pentanone	7.46	43	113932	53.355	ug/l	100
46) t-1,4-Dichloro-2-butene	10.49	75	18448	25.623	ug/l	93
47) Methyl methacrylate	6.62	69	29735	22.780	ug/l	95
48) Ethyl methacrylate	8.02	69	28911	11.618	ug/l	97
49) Toluene	7.63	92	72922	11.112	ug/l	99
50) t-1,3-Dichloropropene	7.87	75	42818	11.152	ug/l	95
51) cis-1,3-Dichloropropene	7.26	75	46189	10.902	ug/l	99
52) 1,1,2-Trichloroethane	8.06	97	22209	10.975	ug/l	98
53) 1,3-Dichloropropane	8.24	76	39916	10.517	ug/l	98
54) 2-Hexanone	8.36	43	81685	54.057	ug/l	96
55) Dibromochloromethane	8.47	129	29149	10.688	ug/l	97
56) 1,2-Dibromoethane	8.58	107	20113	10.814	ug/l	100
58) Tetrachloroethene	8.22	164	28996	10.728	ug/l	99
59) Chlorobenzene	9.12	112	77424	10.853	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.21	131	31320	10.635	ug/l	100
61) Pentachloroethane	11.10	117	24278	10.705	ug/l	97
62) Hexachloroethane	12.14	117	24290	11.145	ug/l	100
63) Ethyl Benzene	9.25	91	144463	11.585	ug/l	99
64) m/p-Xylenes	9.37	106	112317	23.973	ug/l	97
65) o-Xylene	9.78	106	51502	11.464	ug/l	100
66) Styrene	9.79	104	94108	12.157	ug/l	97
67) Bromoform	9.95	173	17831	11.305	ug/l	98
69) Isopropylbenzene	10.16	105	142994	11.501	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.45	83	27916	10.323	ug/l	98
71) 1,2,3-Trichloropropane	10.49	75	18448	8.036	ug/l #	80
72) Bromobenzene	10.45	156	34668	11.302	ug/l	96
73) n-propylbenzene	10.58	120	40641	12.150	ug/l	95
74) 2-Chlorotoluene	10.66	126	34362	11.792	ug/l	95
75) 1,3,5-Trimethylbenzene	10.77	105	131591	11.945	ug/l	100
76) 4-Chlorotoluene	10.77	126	35646	11.529	ug/l	99
77) tert-Butylbenzene	11.10	119	124471	11.760	ug/l	99
78) 1,2,4-Trimethylbenzene	11.14	105	134228	11.956	ug/l	100
79) sec-Butylbenzene	11.32	105	163845	11.827	ug/l	99
80) Nitrobenzene	12.86	77	6858	50.166	ug/l	90
81) p-Isopropyltoluene	11.47	119	142612	12.174	ug/l	99
82) 1,3-Dichlorobenzene	11.41	146	71346	11.216	ug/l	98
83) 1,4-Dichlorobenzene	11.50	146	70726	11.037	ug/l	99
84) n-Butylbenzene	11.89	91	138233	12.142	ug/l	99
85) 1,2-Dichlorobenzene	11.88	146	65827	11.434	ug/l	99
86) 1,2-Dibromo-3-Chloropropan	12.65	75	5574	11.229	ug/l	99
87) 1,2,4-Trichlorobenzene	13.50	180	45758	11.752	ug/l	98
88) Hexachlorobutadiene	13.69	225	29229	11.767	ug/l	99
89) Naphthalene	13.74	128	77566	12.406	ug/l	99
90) 1,2,3-Trichlorobenzene	13.99	180	42503	11.736	ug/l	100

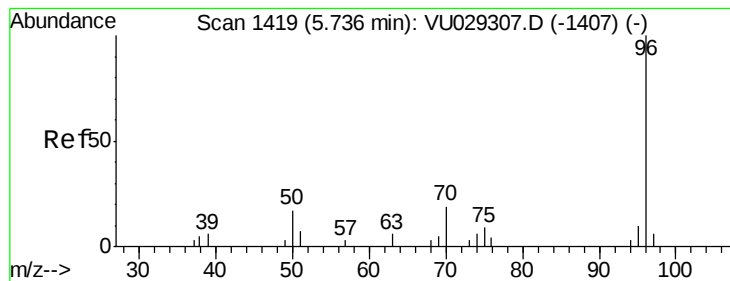
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 5.74 min Scan# 1419

Delta R.T. -0.00 min

Lab File: VU029311.D

Acq: 30 Jan 2019 12:13

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 96 Resp: 8868

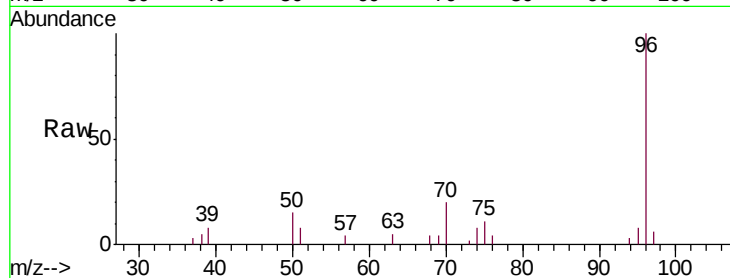
Ion Ratio Lower Upper

96 100

70 20.2 16.2 24.2

95 0.0 7.4 11.2#

97 0.0 0.0 0.0

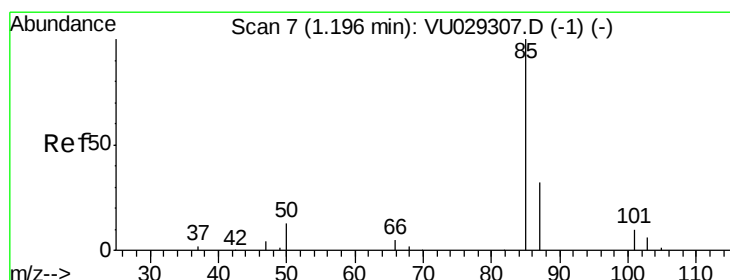
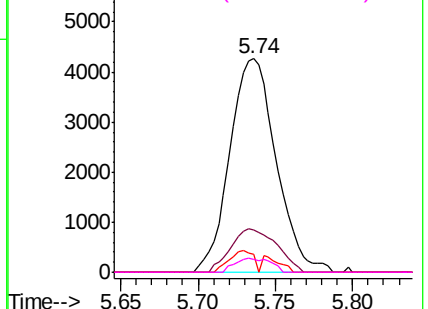
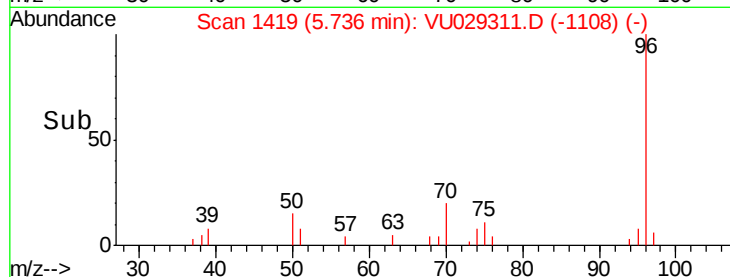


Abundance Ion 96.00 (95.70 to 96.70): VU0

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: 9.946 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VU029311.D

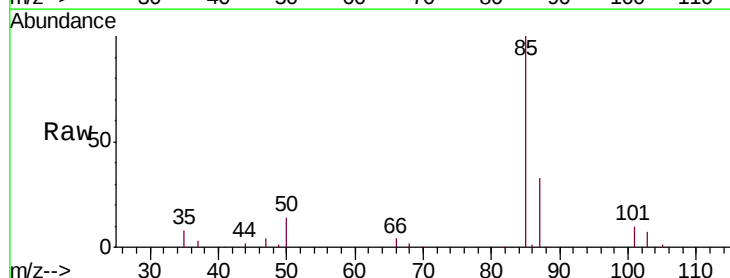
Acq: 30 Jan 2019 12:13

Tgt Ion: 85 Resp: 40703

Ion Ratio Lower Upper

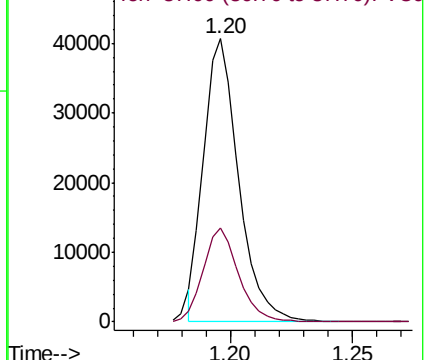
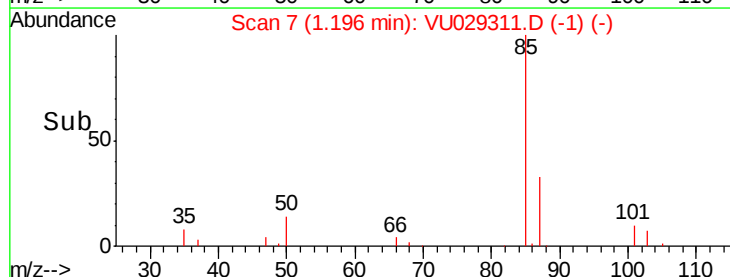
85 100

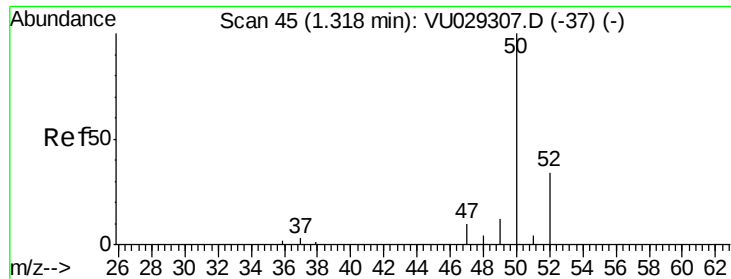
87 33.2 15.9 47.6



Abundance Ion 85.00 (84.70 to 85.70): VU0

Ion 87.00 (86.70 to 87.70): VU0

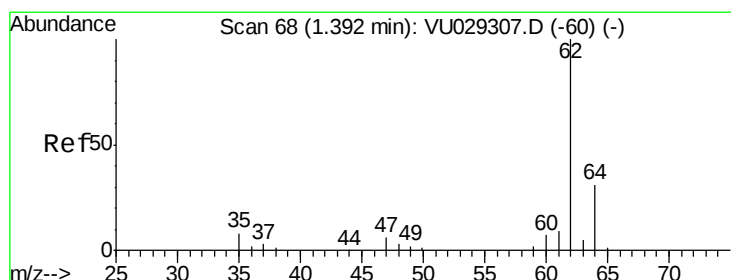
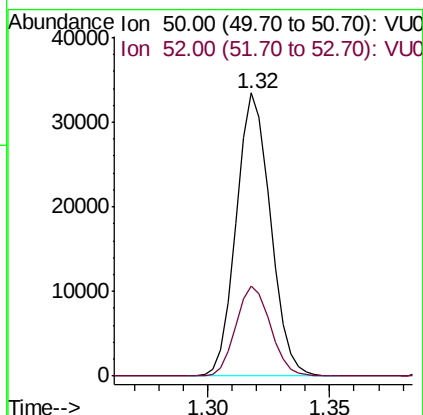
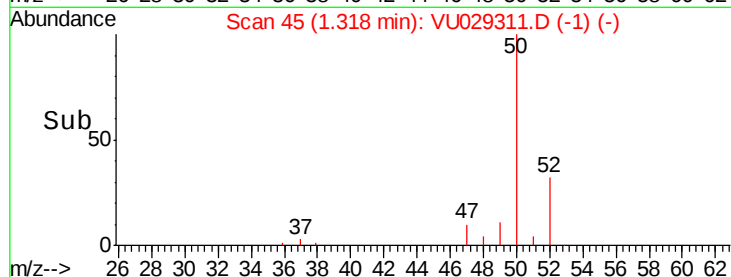
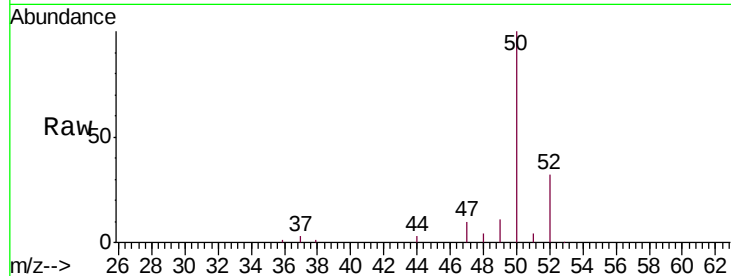




#3
Chloromethane
Concen: 9.805 ug/l
RT: 1.32 min Scan# 45
Delta R.T. -0.00 min
Lab File: VU029311.D
Acq: 30 Jan 2019 12:13

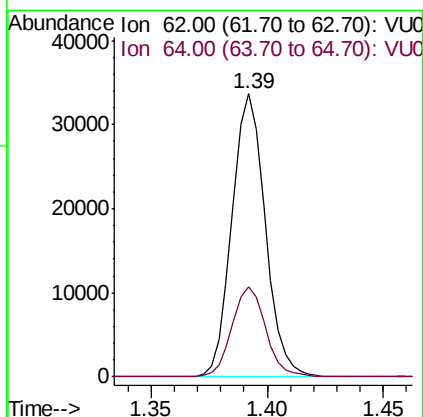
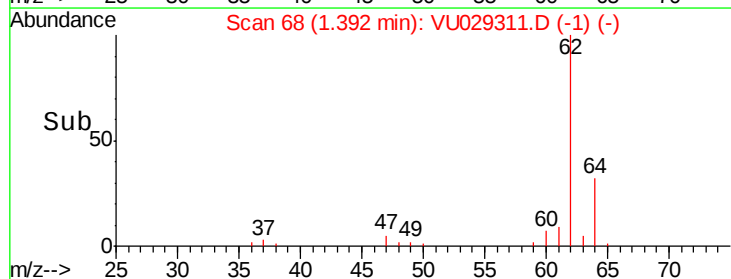
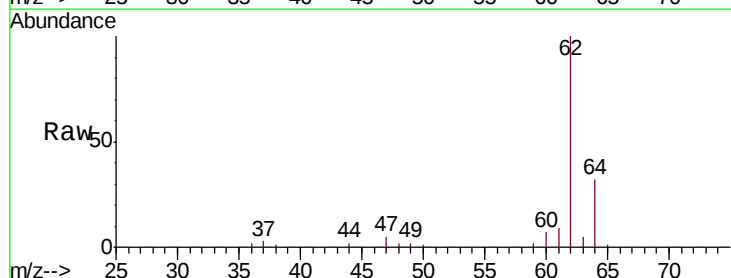
Instrument :
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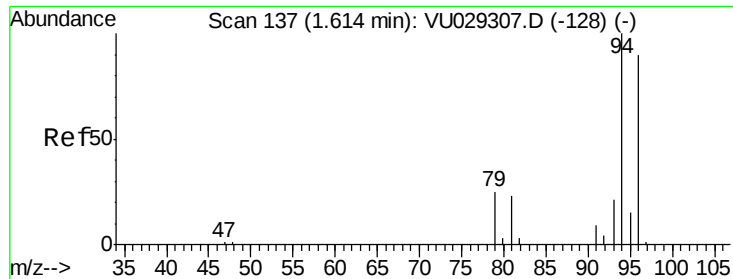
Tgt Ion: 50 Resp: 32482
Ion Ratio Lower Upper
50 100
52 32.0 27.3 40.9



#4
Vinyl Chloride
Concen: 9.797 ug/l
RT: 1.39 min Scan# 68
Delta R.T. -0.00 min
Lab File: VU029311.D
Acq: 30 Jan 2019 12:13

Tgt Ion: 62 Resp: 33462
Ion Ratio Lower Upper
62 100
64 31.7 25.2 37.8

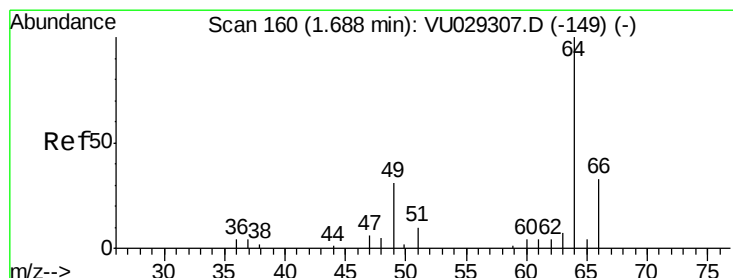
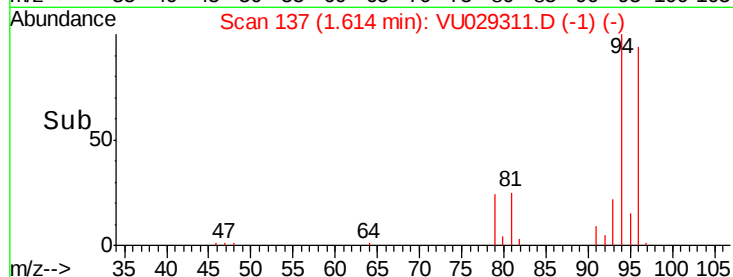
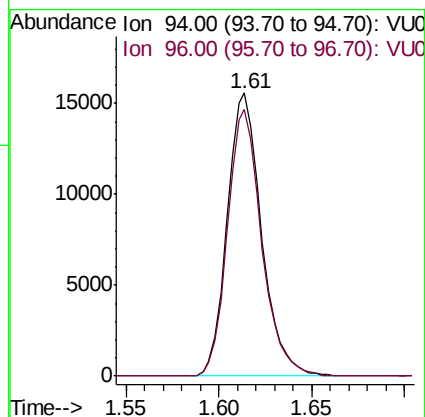
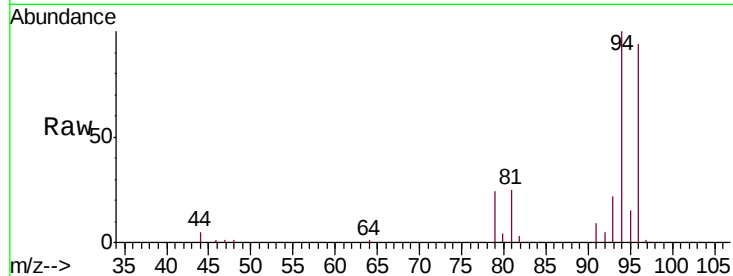




#5
Bromomethane
Concen: 9.324 ug/l
RT: 1.61 min Scan# 137
Delta R.T. -0.00 min
Lab File: VU029311.D
Acq: 30 Jan 2019 12:13

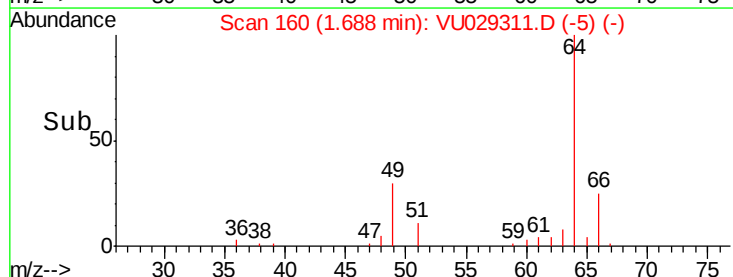
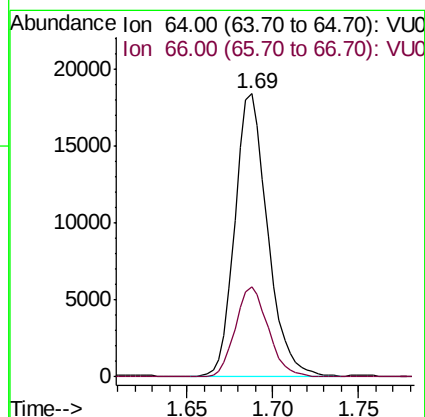
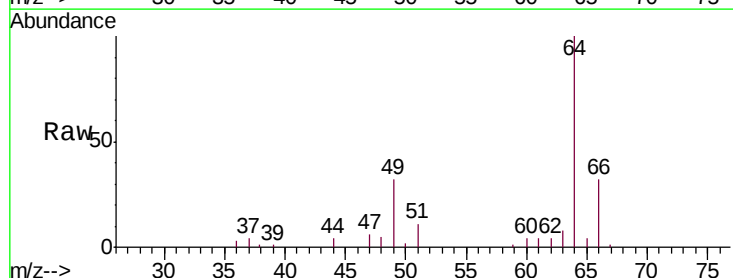
Instrument :
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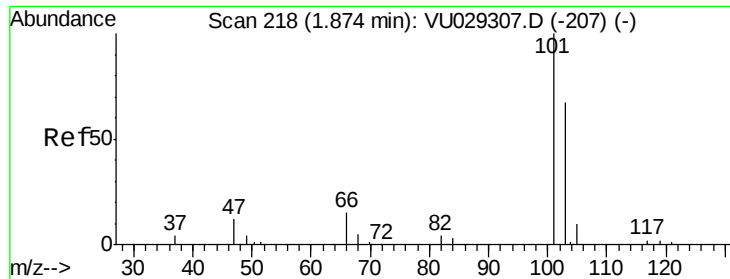
Tgt Ion: 94 Resp: 19965
Ion Ratio Lower Upper
94 100
96 94.4 71.7 107.5



#6
Chloroethane
Concen: 10.187 ug/l
RT: 1.69 min Scan# 160
Delta R.T. -0.00 min
Lab File: VU029311.D
Acq: 30 Jan 2019 12:13

Tgt Ion: 64 Resp: 24377
Ion Ratio Lower Upper
64 100
66 31.8 26.3 39.5



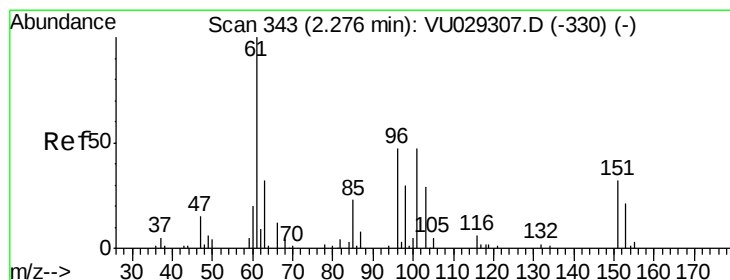
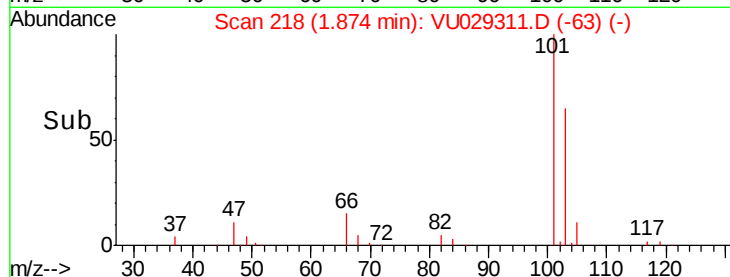
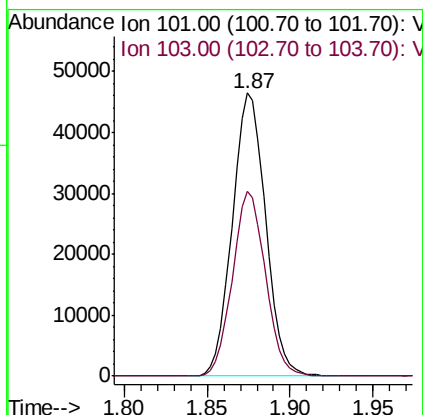
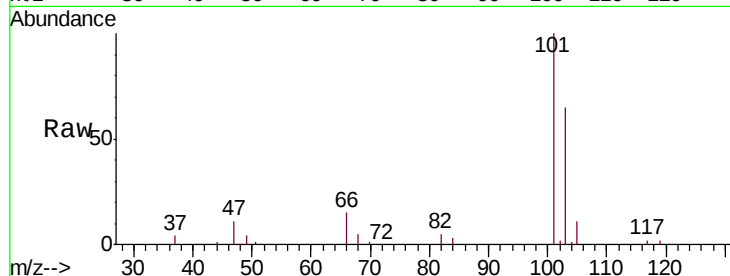


#7

Trichlorofluoromethane
 Concen: 10.245 ug/l
 RT: 1.87 min Scan# 218
 Delta R.T. -0.00 min
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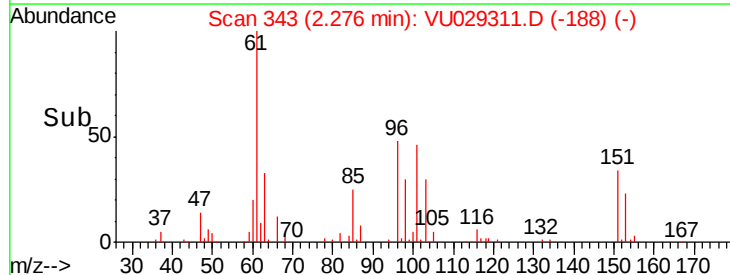
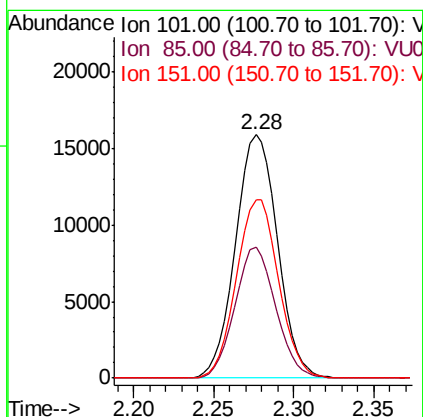
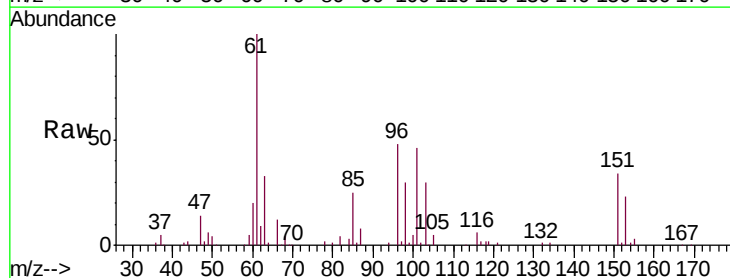
Tgt Ion:101 Resp: 64831
 Ion Ratio Lower Upper
 101 100
 103 65.4 53.9 80.9

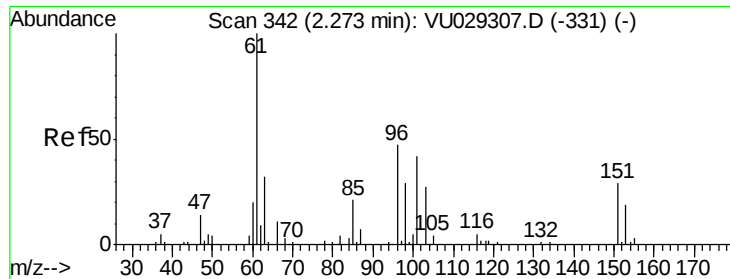


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 10.766 ug/l
 RT: 2.28 min Scan# 343
 Delta R.T. -0.00 min
 Lab File: VU029311.D
 Acq: 30 Jan 2019 12:13

Tgt Ion:101 Resp: 28487
 Ion Ratio Lower Upper
 101 100
 85 52.1 40.3 60.5
 151 73.5 58.1 87.1





#9

1,1-Dichloroethene

Concen: 10.448 ug/l

RT: 2.27 min Scan# 342

Delta R.T. -0.00 min

Lab File: VU029311.D

Acq: 30 Jan 2019 12:13

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

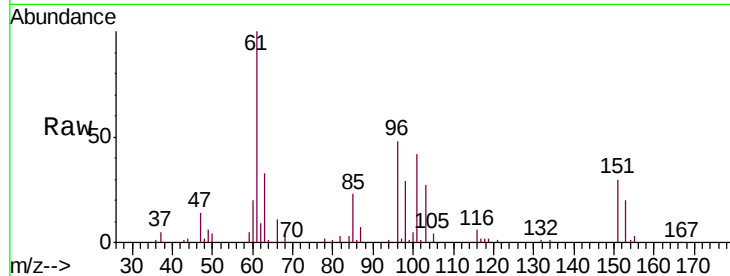
Tgt Ion: 96 Resp: 25597

Ion Ratio Lower Upper

96 100

61 208.3 0.0 641.4

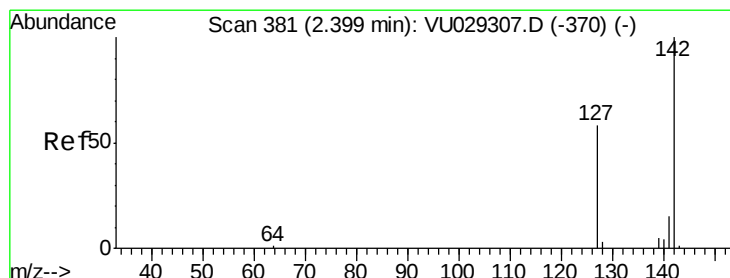
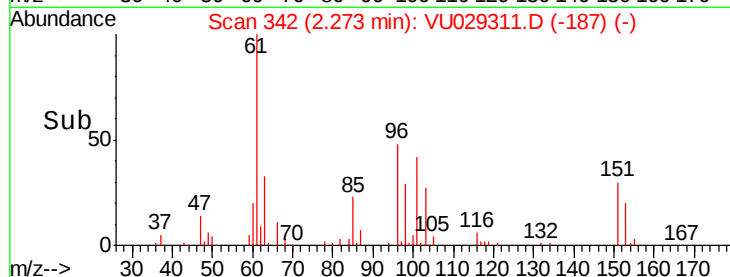
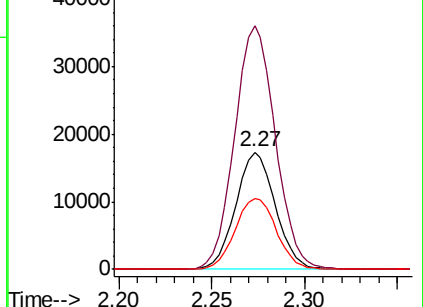
98 60.6 0.0 122.6



Abundance Ion 96.00 (95.70 to 96.70): VU029311.D (-187) (-)

Ion 61.00 (60.70 to 61.70): VU029311.D (-187) (-)

Ion 98.00 (97.70 to 98.70): VU029311.D (-187) (-)



#10

Iodomethane

Concen: 10.259 ug/l

RT: 2.40 min Scan# 381

Delta R.T. 0.00 min

Lab File: VU029311.D

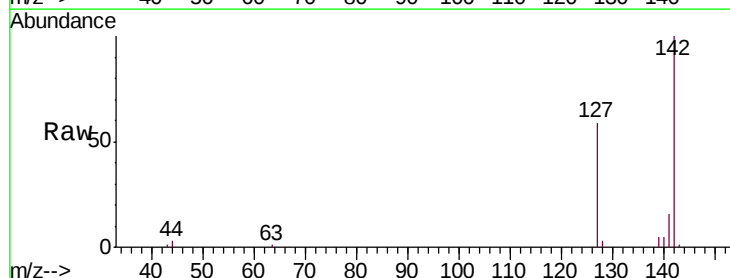
Acq: 30 Jan 2019 12:13

Tgt Ion: 142 Resp: 27950

Ion Ratio Lower Upper

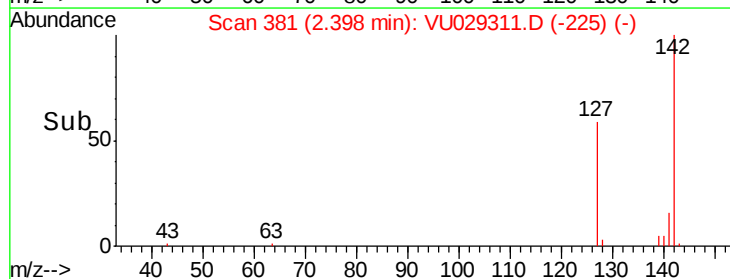
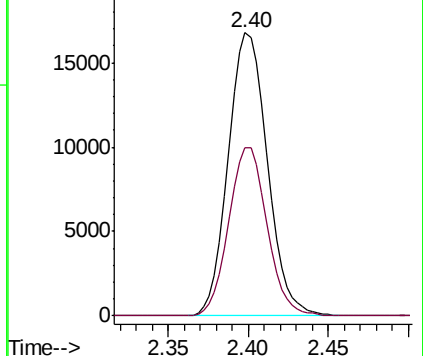
142 100

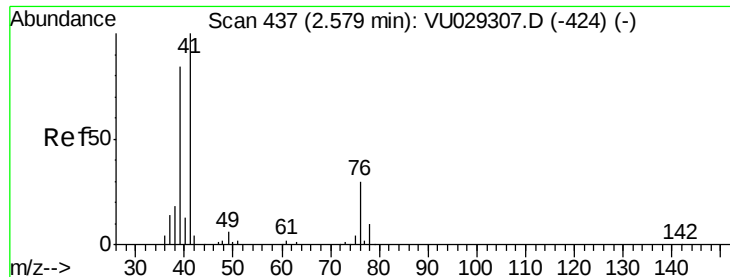
127 58.1 47.6 71.4



Abundance Ion 142.00 (141.70 to 142.70): VU029311.D (-225) (-)

Ion 127.00 (126.70 to 127.70): VU029311.D (-225) (-)

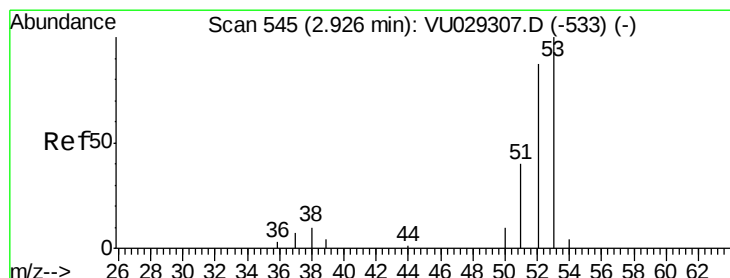
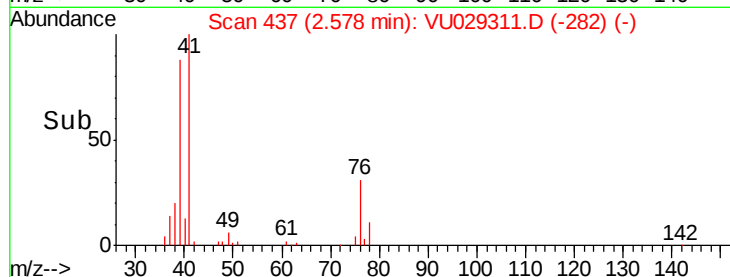
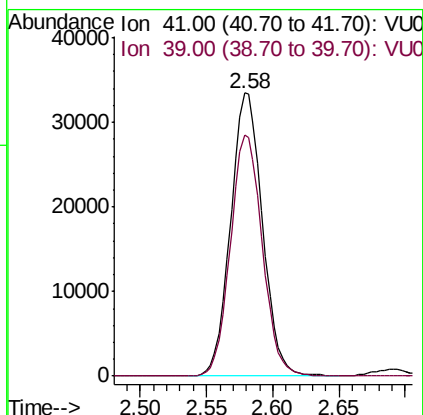
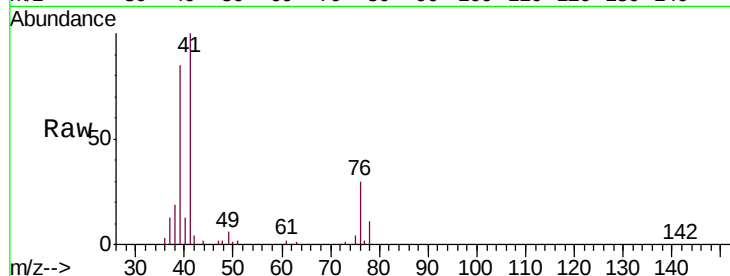




#11
 Allyl Chloride
 Concen: 9.635 ug/l
 RT: 2.58 min Scan# 437
 Delta R.T. -0.00 min
 Lab File: VU029311.D
 Acq: 30 Jan 2019 12:13

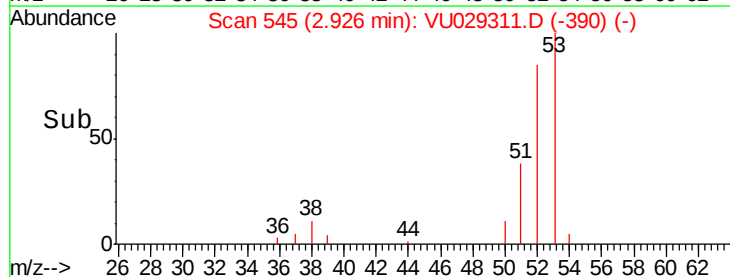
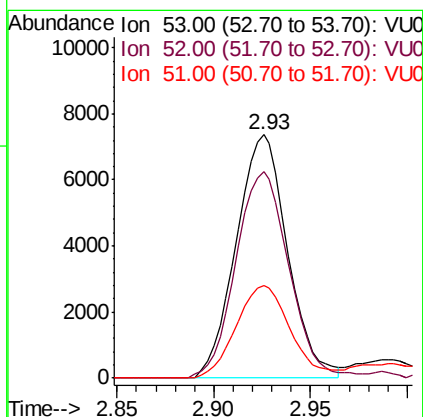
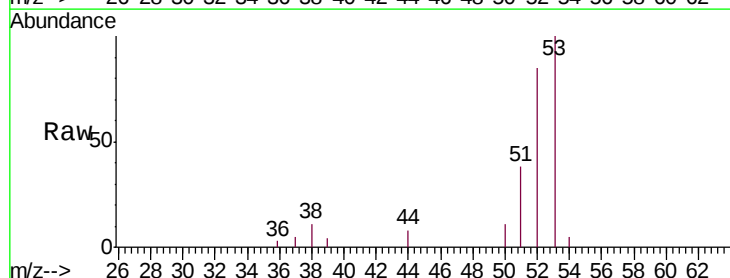
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

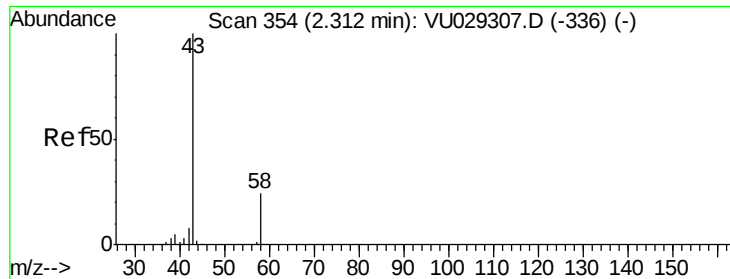
Tgt Ion: 41 Resp: 55825
 Ion Ratio Lower Upper
 41 100
 39 85.2 67.2 100.8



#12
 Acrylonitrile
 Concen: 18.452 ug/l
 RT: 2.93 min Scan# 545
 Delta R.T. -0.00 min
 Lab File: VU029311.D
 Acq: 30 Jan 2019 12:13

Tgt Ion: 53 Resp: 13605
 Ion Ratio Lower Upper
 53 100
 52 87.6 67.6 101.4
 51 40.1 31.0 46.4





#13

Acetone

Concen: 49.733 ug/l

RT: 2.31 min Scan# 354

Delta R.T. -0.00 min

Lab File: VU029311.D

Acq: 30 Jan 2019 12:13

Instrument :

MSVOA_U

ClientSampleId :

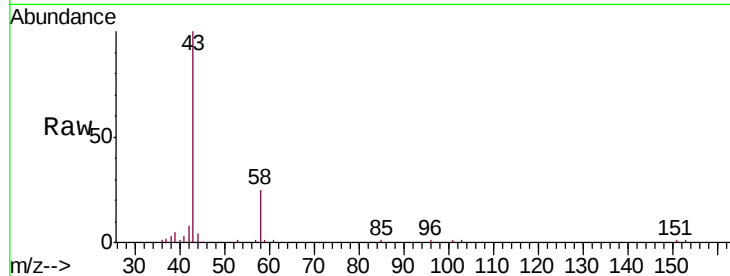
VSTDCCC010

Tgt Ion: 43 Resp: 45401

Ion Ratio Lower Upper

43 100

58 25.1 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VU029307.D (-336) (-)

Ion 58.00 (57.70 to 58.70): VU029307.D (-336) (-)

2.31

30000

25000

20000

15000

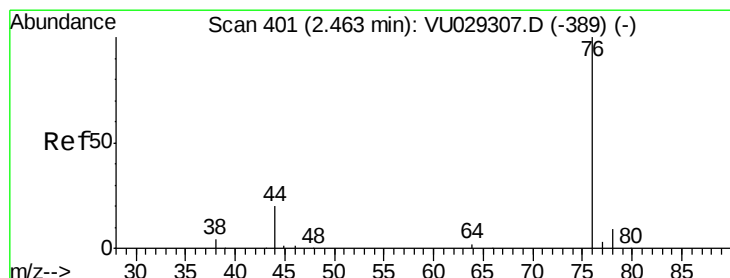
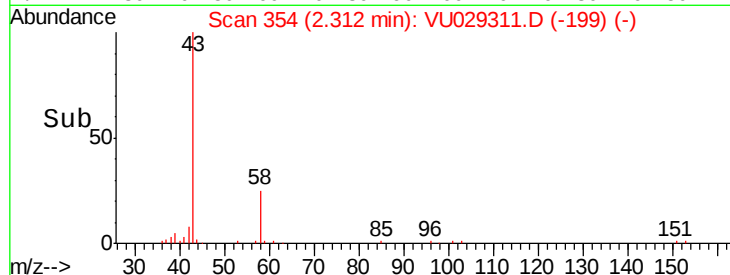
10000

5000

0

Time-->

2.20 2.30 2.40



#14

Carbon Disulfide

Concen: 9.800 ug/l

RT: 2.47 min Scan# 402

Delta R.T. 0.00 min

Lab File: VU029311.D

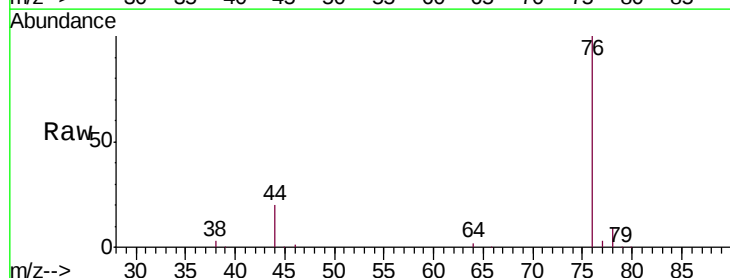
Acq: 30 Jan 2019 12:13

Tgt Ion: 76 Resp: 86521

Ion Ratio Lower Upper

76 100

78 8.8 7.1 10.7



Abundance Ion 76.00 (75.70 to 76.70): VU029307.D (-389) (-)

Ion 78.00 (77.70 to 78.70): VU029307.D (-389) (-)

2.47

60000

50000

40000

30000

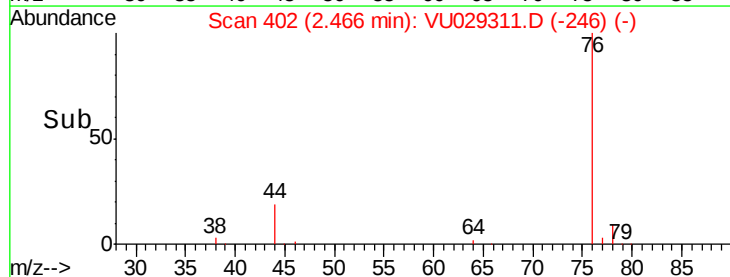
20000

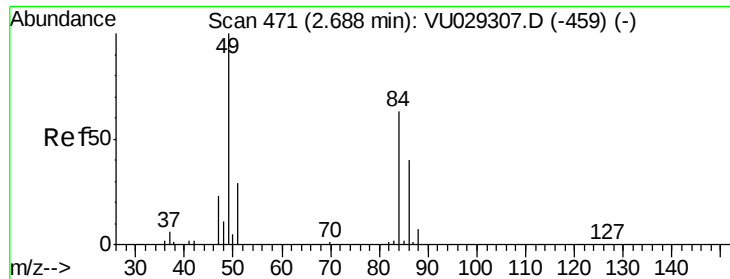
10000

0

Time-->

2.40 2.45 2.50 2.55

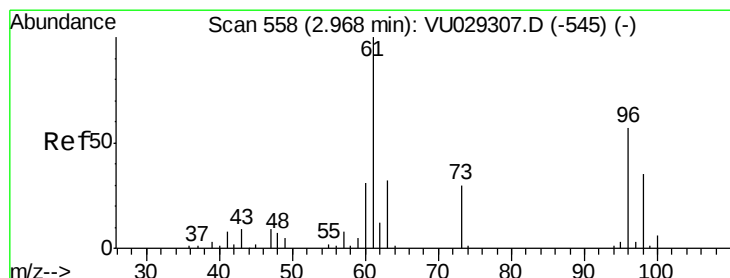
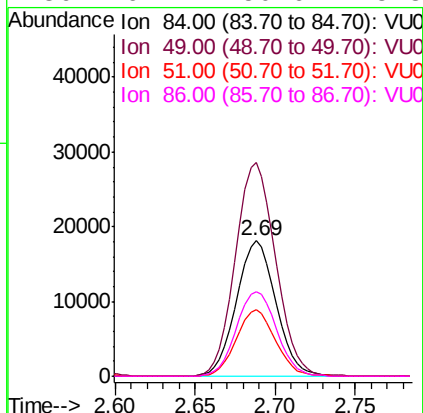
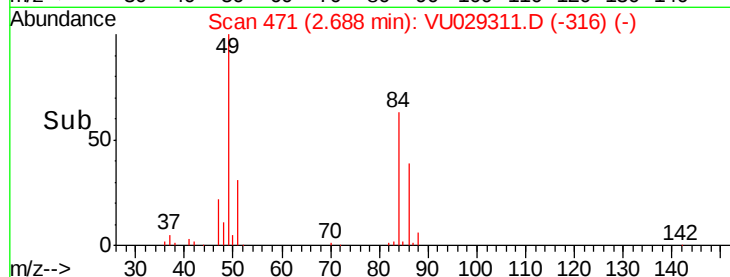
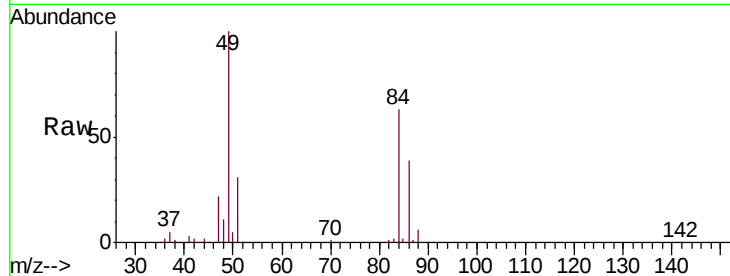




#15
Methylene Chloride
Concen: 9.436 ug/l
RT: 2.69 min Scan# 471
Delta R.T. -0.00 min
Lab File: VU029311.D
Acq: 30 Jan 2019 12:13

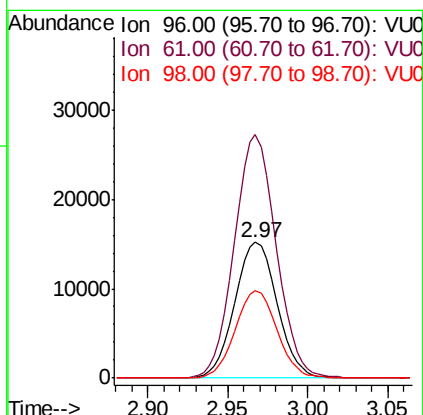
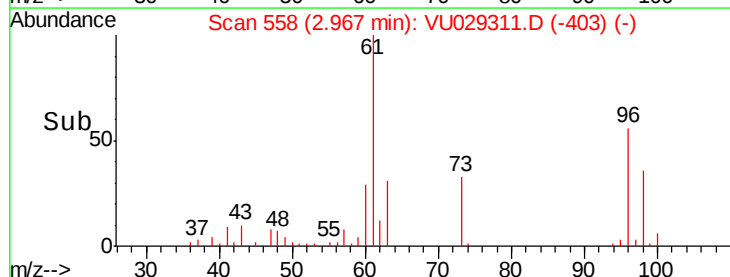
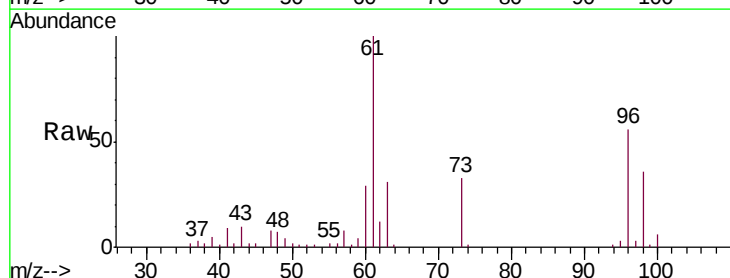
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

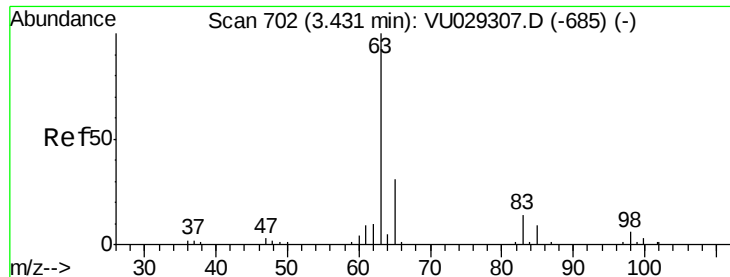
Tgt Ion:	84	Resp:	30537
Ion	Ratio	Lower	Upper
84	100		
49	158.1	127.0	190.6
51	49.0	0.0	93.4
86	62.4	50.6	75.8



#16
trans-1,2-Dichloroethene
Concen: 9.991 ug/l
RT: 2.97 min Scan# 558
Delta R.T. -0.00 min
Lab File: VU029311.D
Acq: 30 Jan 2019 12:13

Tgt Ion:	96	Resp:	27525
Ion	Ratio	Lower	Upper
96	100		
61	179.4	140.6	210.8
98	64.2	49.3	73.9

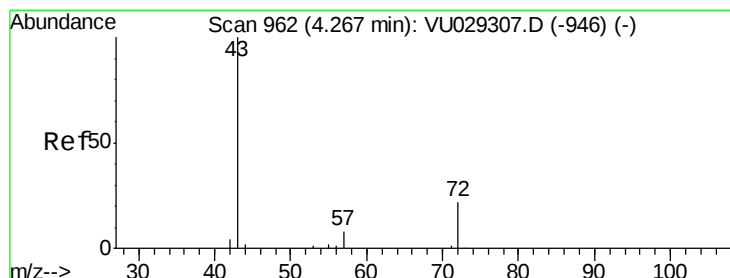
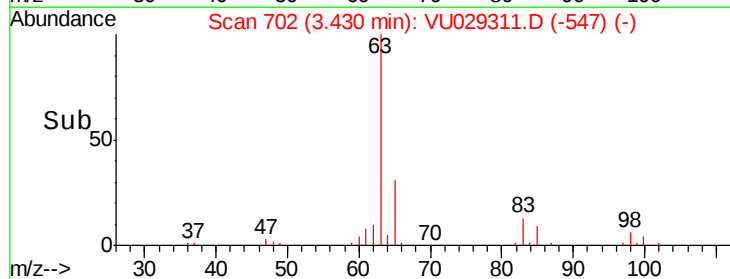
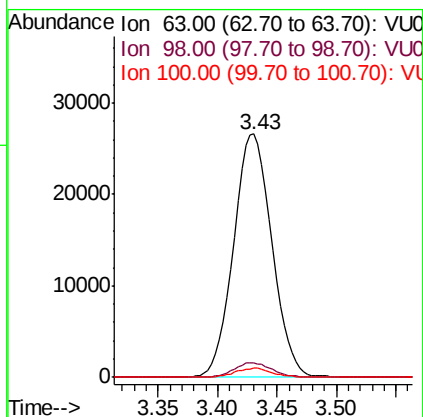
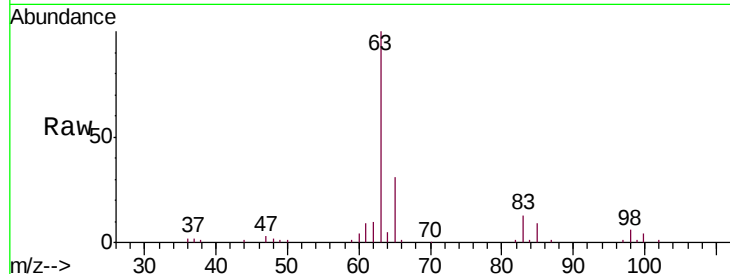




#17
 1,1-Dichloroethane
 Concen: 9.967 ug/l
 RT: 3.43 min Scan# 702
 Delta R.T. -0.00 min
 Lab File: VU029311.D
 Acq: 30 Jan 2019 12:13

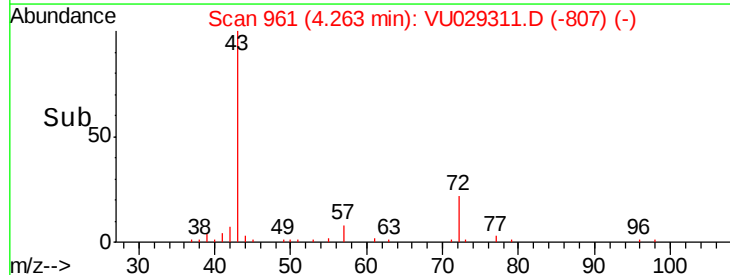
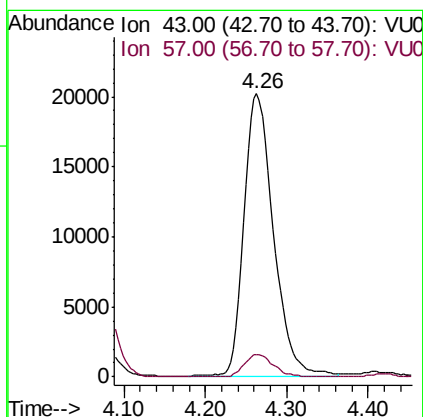
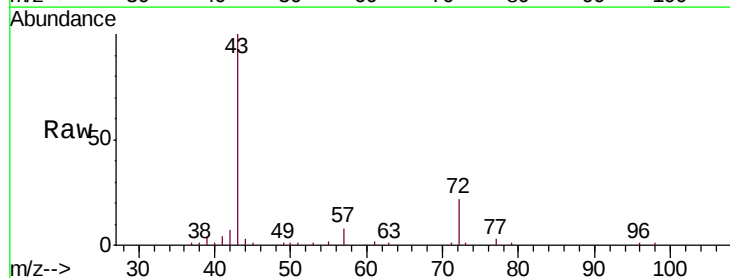
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

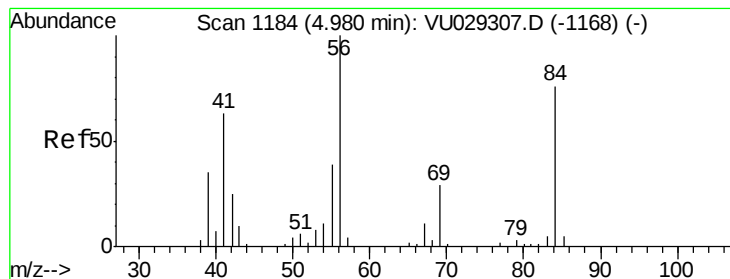
Tgt Ion: 63 Resp: 59380
 Ion Ratio Lower Upper
 63 100
 98 5.9 2.9 8.8
 100 3.6 1.7 5.1



#18
 2-Butanone
 Concen: 53.983 ug/l
 RT: 4.26 min Scan# 961
 Delta R.T. -0.00 min
 Lab File: VU029311.D
 Acq: 30 Jan 2019 12:13

Tgt Ion: 43 Resp: 50597
 Ion Ratio Lower Upper
 43 100
 57 8.0 0.0 15.8





#19

Cyclohexane

Concen: 10.029 ug/l

RT: 4.98 min Scan# 1184

Delta R.T. -0.00 min

Lab File: VU029311.D

Acq: 30 Jan 2019 12:13

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

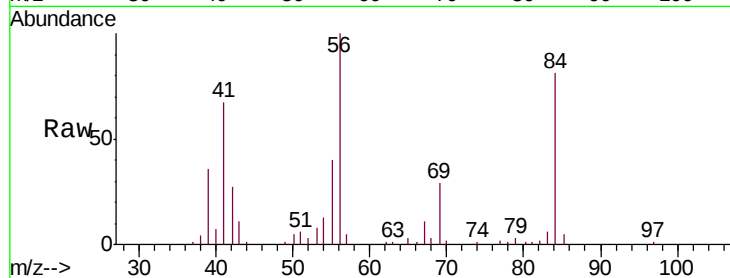
Tgt Ion: 56 Resp: 37851

Ion Ratio Lower Upper

56 100

69 35.7 26.8 40.2

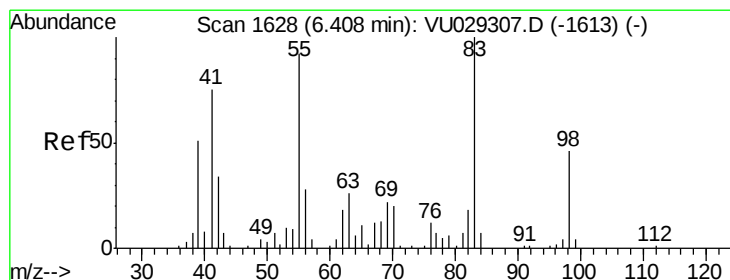
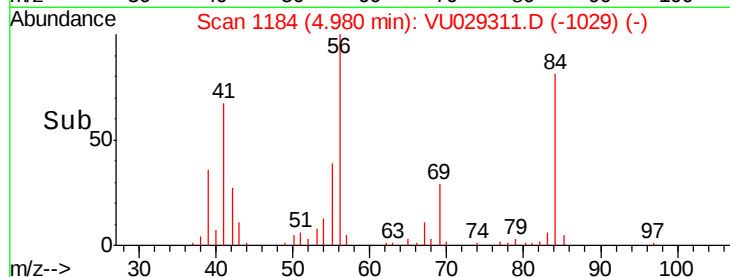
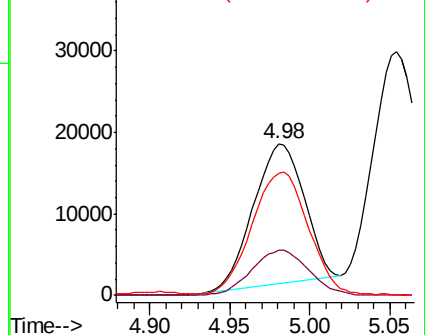
84 96.3 71.5 107.3



Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 69.00 (68.70 to 69.70): VU0

Ion 84.00 (83.70 to 84.70): VU0



#20

Methylcyclohexane

Concen: 11.401 ug/l

RT: 6.41 min Scan# 1628

Delta R.T. -0.00 min

Lab File: VU029311.D

Acq: 30 Jan 2019 12:13

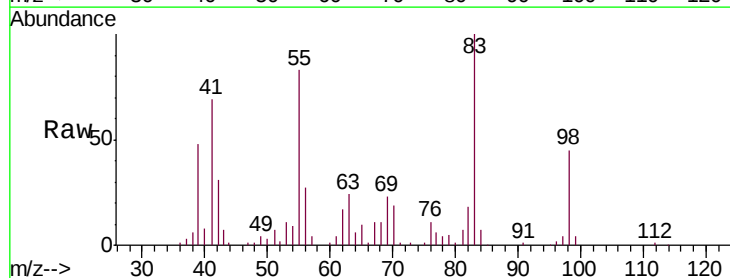
Tgt Ion: 83 Resp: 46018

Ion Ratio Lower Upper

83 100

55 87.9 72.4 108.6

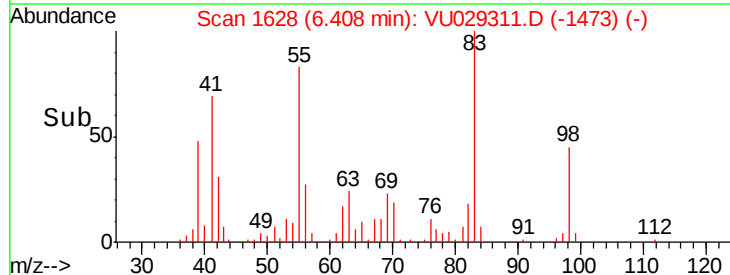
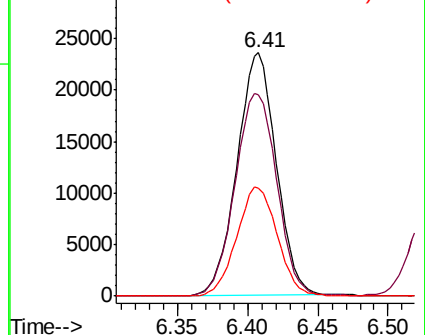
98 46.4 36.6 54.8

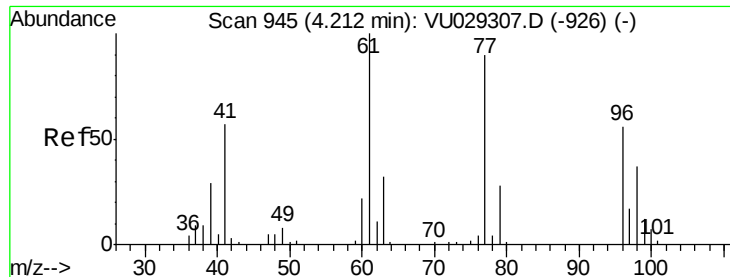


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

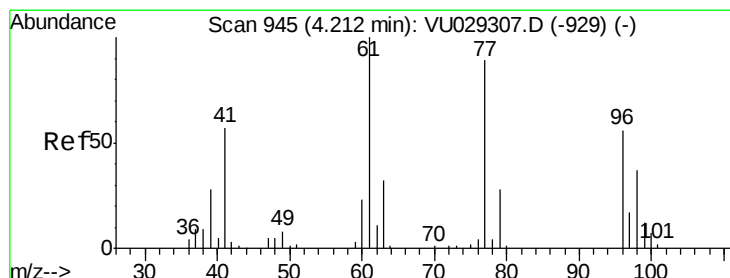
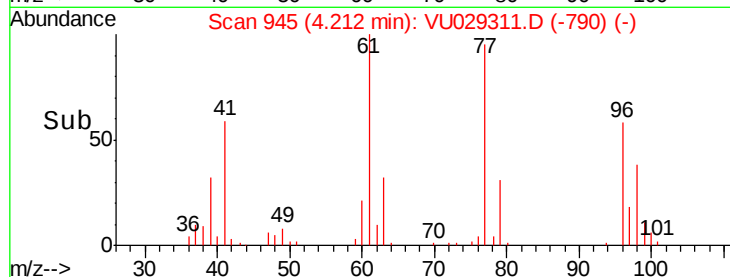
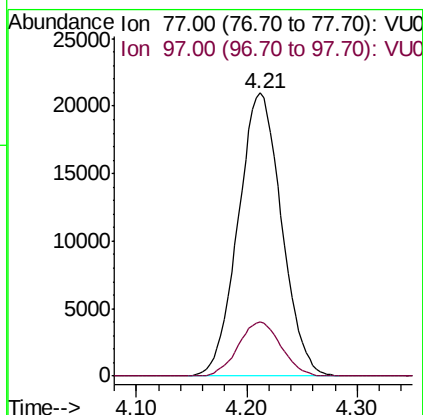
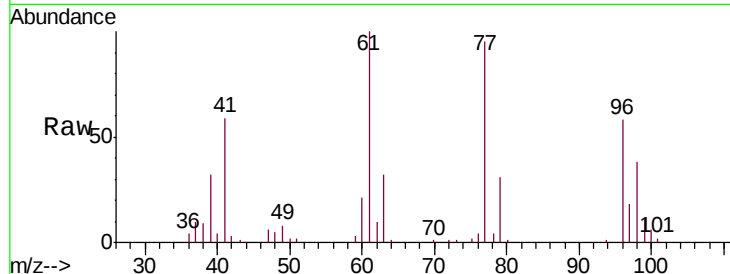




#21
 2,2-Dichloropropane
 Concen: 10.588 ug/l
 RT: 4.21 min Scan# 945
 Delta R.T. -0.00 min
 Lab File: VU029311.D
 Acq: 30 Jan 2019 12:13

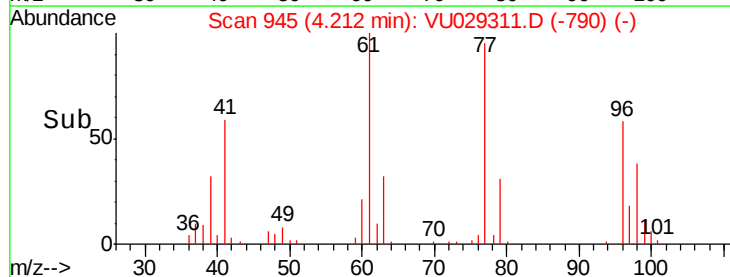
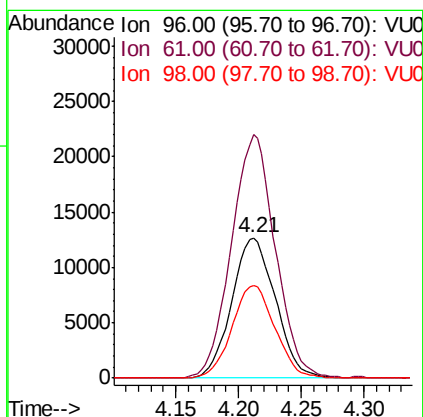
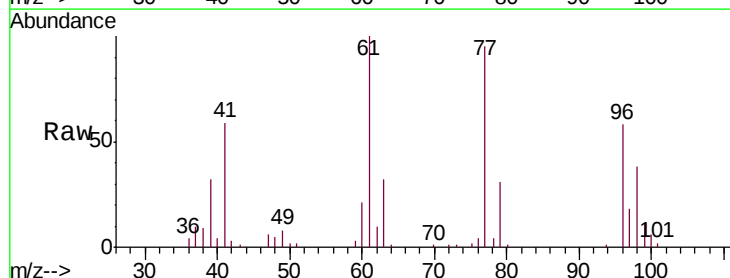
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

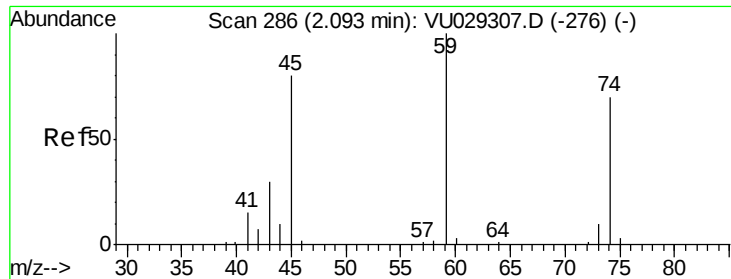
Tgt Ion: 77 Resp: 57181
 Ion Ratio Lower Upper
 77 100
 97 18.7 15.6 23.4



#22
 cis-1,2-Dichloroethene
 Concen: 10.549 ug/l
 RT: 4.21 min Scan# 945
 Delta R.T. -0.00 min
 Lab File: VU029311.D
 Acq: 30 Jan 2019 12:13

Tgt Ion: 96 Resp: 30615
 Ion Ratio Lower Upper
 96 100
 61 174.6 0.0 460.0
 98 64.9 32.6 97.7

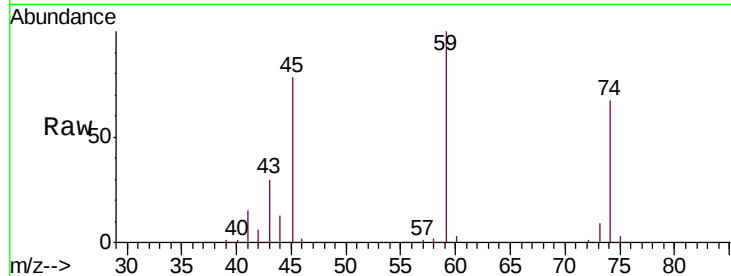




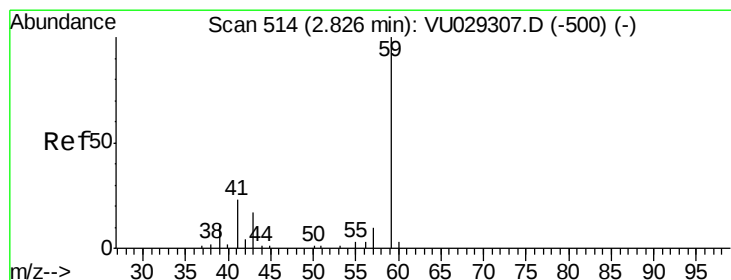
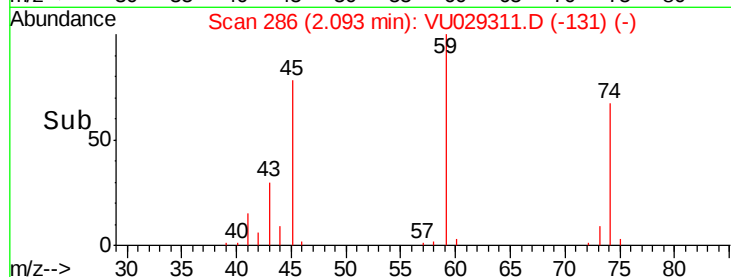
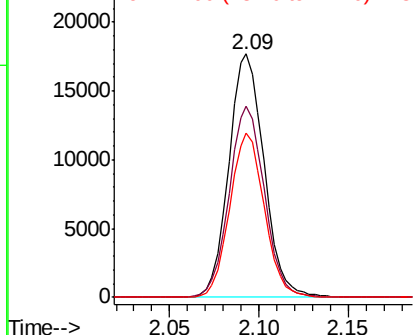
#23
Diethyl Ether
Concen: 9.871 ug/l
RT: 2.09 min Scan# 286
Delta R.T. -0.00 min
Lab File: VU029311.D
Acq: 30 Jan 2019 12:13

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion: 59 Resp: 24301
Ion Ratio Lower Upper
59 100
45 78.4 64.2 96.4
74 66.2 55.3 82.9

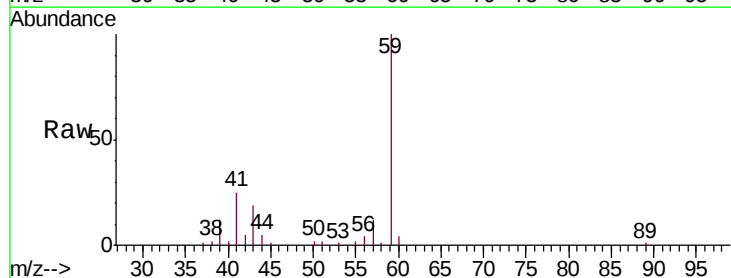


Abundance Ion 59.00 (58.70 to 59.70): VU0
Ion 45.00 (44.70 to 45.70): VU0
Ion 74.00 (73.70 to 74.70): VU0

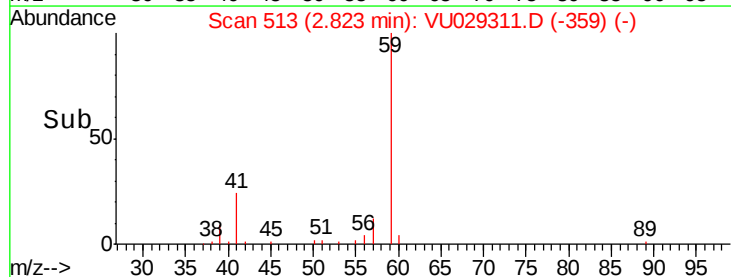
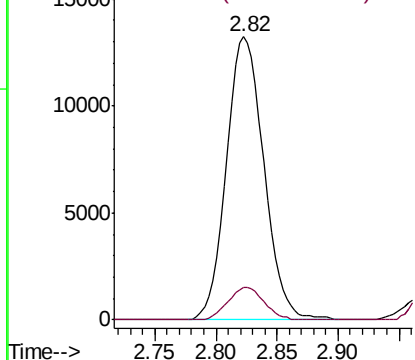


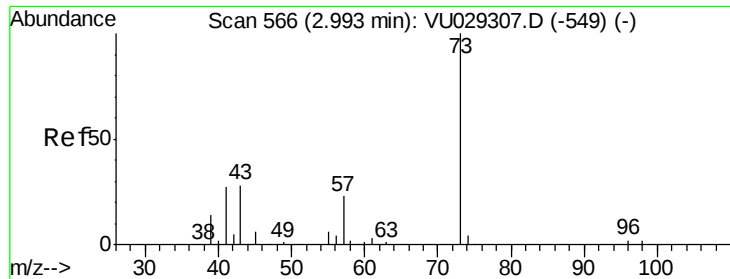
#24
tert-Butyl Alcohol
Concen: 91.750 ug/l
RT: 2.82 min Scan# 513
Delta R.T. -0.00 min
Lab File: VU029311.D
Acq: 30 Jan 2019 12:13

Tgt Ion: 59 Resp: 28308
Ion Ratio Lower Upper
59 100
57 11.0 8.8 13.2



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



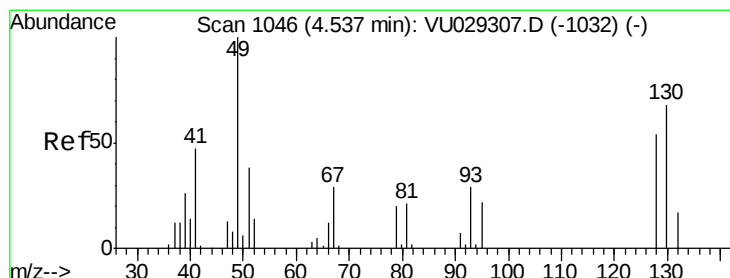
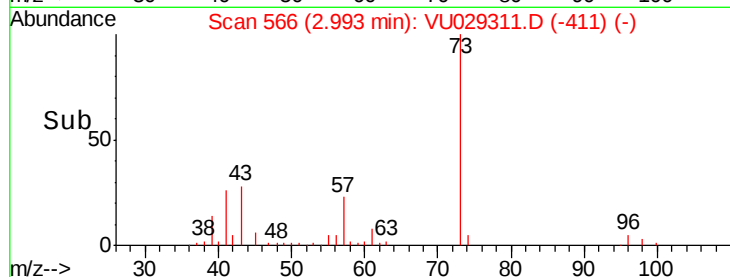
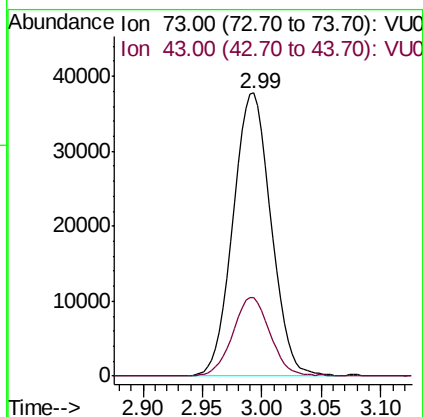
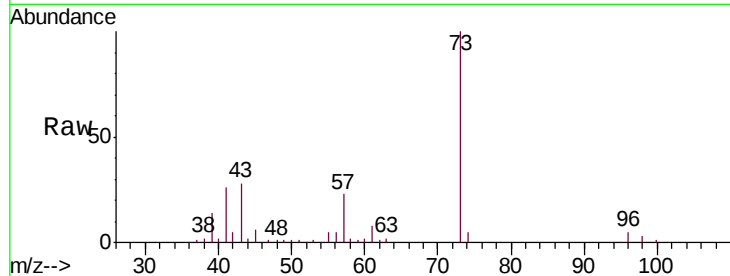


#25

Methyl tert-Butyl Ether
 Concen: 10.063 ug/l
 RT: 2.99 min Scan# 566
 Delta R.T. -0.00 min
 Lab File: VU029311.D
 Acq: 30 Jan 2019 12:13

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

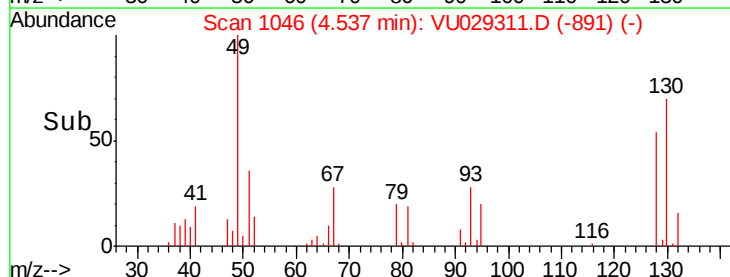
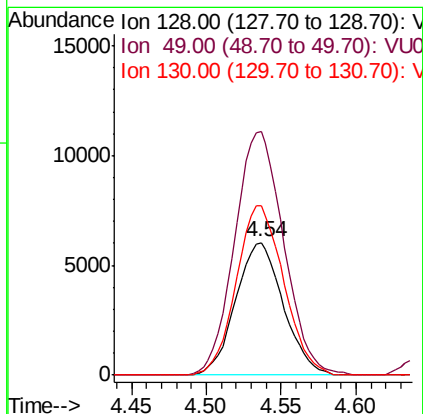
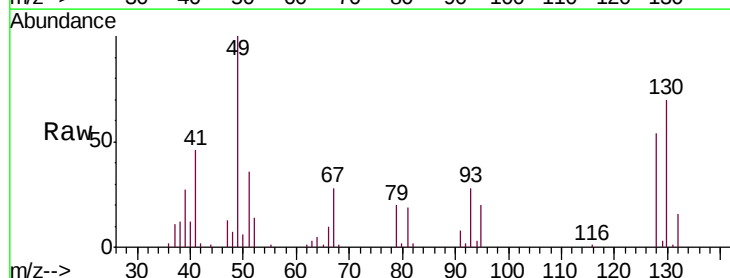
Tgt Ion: 73 Resp: 83683
 Ion Ratio Lower Upper
 73 100
 43 27.5 22.1 33.1

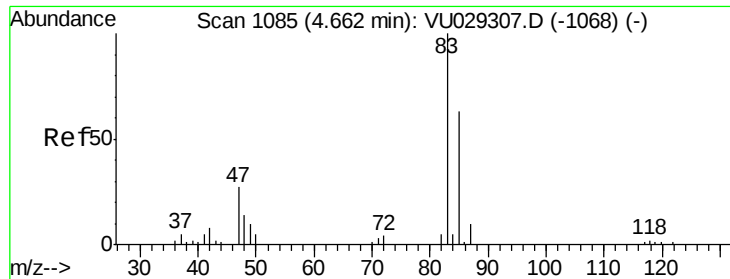


#26

Bromochloromethane
 Concen: 11.251 ug/l
 RT: 4.54 min Scan# 1046
 Delta R.T. -0.00 min
 Lab File: VU029311.D
 Acq: 30 Jan 2019 12:13

Tgt Ion: 128 Resp: 13343
 Ion Ratio Lower Upper
 128 100
 49 189.8 0.0 401.6
 130 127.9 108.0 162.0

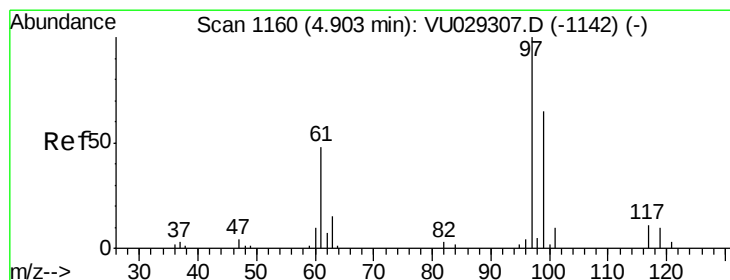
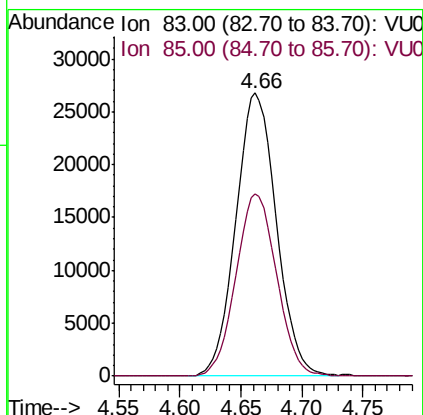
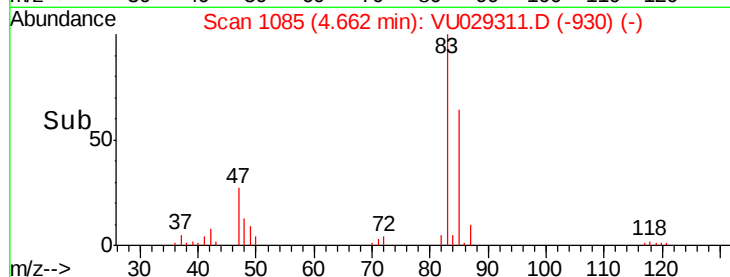
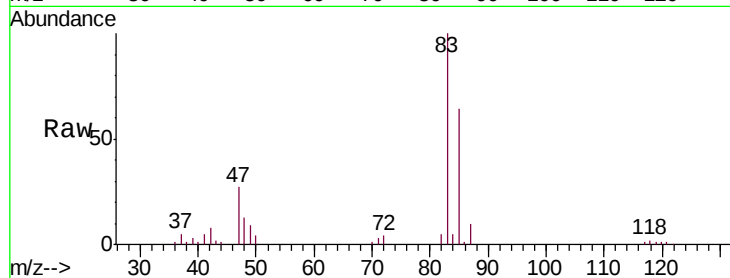




#27
Chloroform
Concen: 10.330 ug/l
RT: 4.66 min Scan# 1085
Delta R.T. -0.00 min
Lab File: VU029311.D
Acq: 30 Jan 2019 12:13

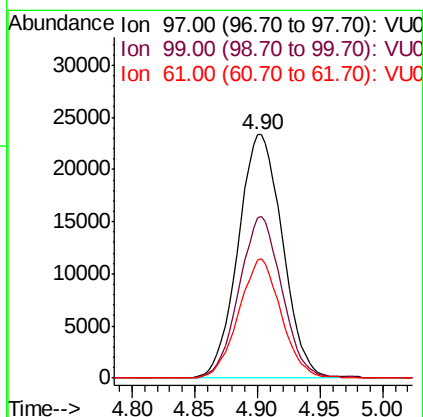
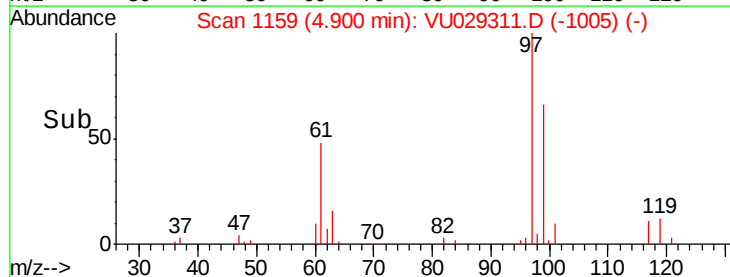
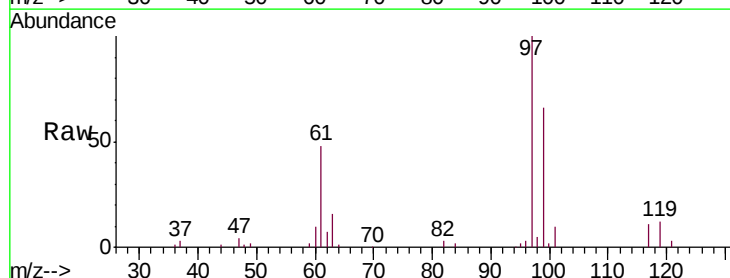
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

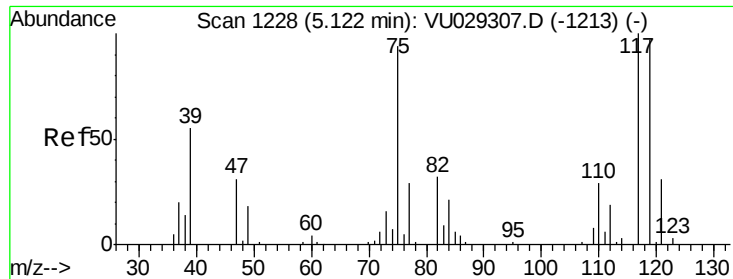
Tgt Ion: 83 Resp: 61652
Ion Ratio Lower Upper
83 100
85 64.5 0.0 126.6



#28
1,1,1-Trichloroethane
Concen: 10.288 ug/l
RT: 4.90 min Scan# 1159
Delta R.T. -0.00 min
Lab File: VU029311.D
Acq: 30 Jan 2019 12:13

Tgt Ion: 97 Resp: 57387
Ion Ratio Lower Upper
97 100
99 64.1 32.4 97.2
61 46.8 24.4 73.2

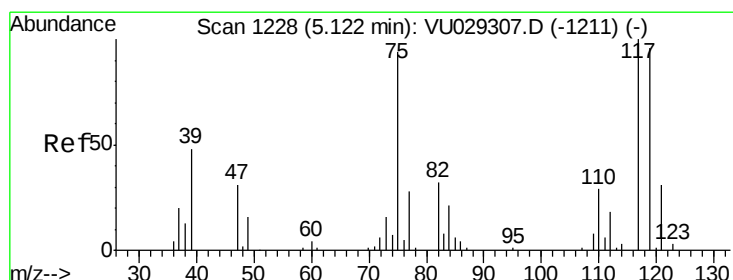
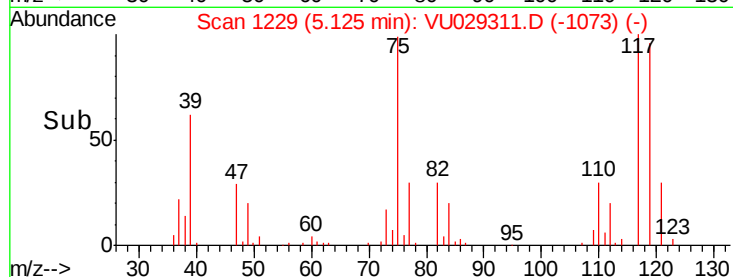
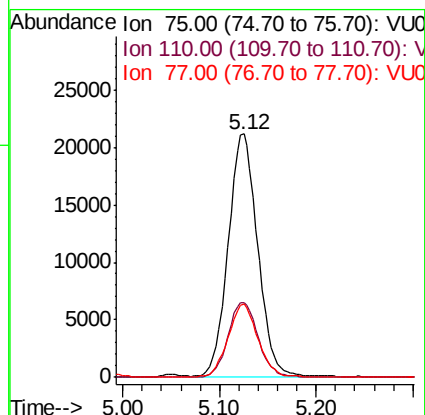
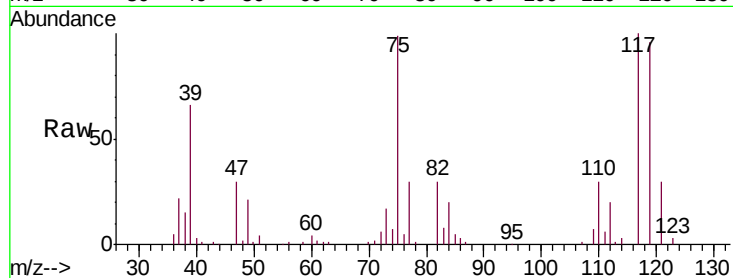




#29
 1,1-Dichloropropene
 Concen: 11.011 ug/l
 RT: 5.12 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: VU029311.D
 Acq: 30 Jan 2019 12:13

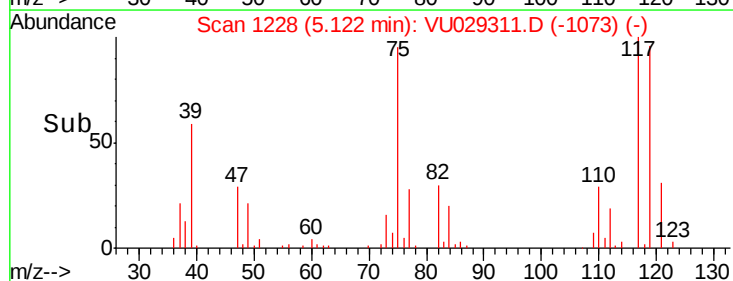
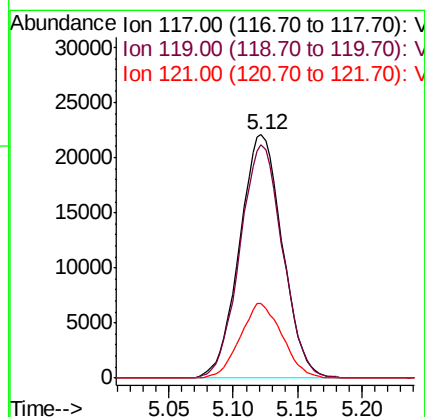
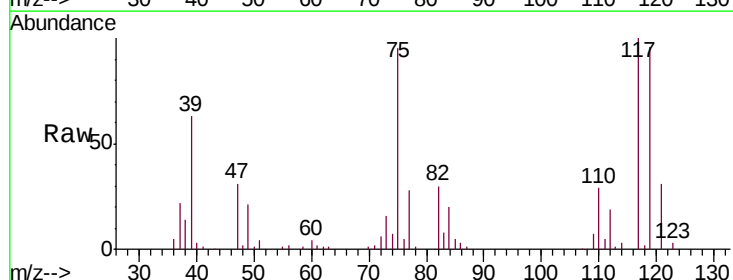
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

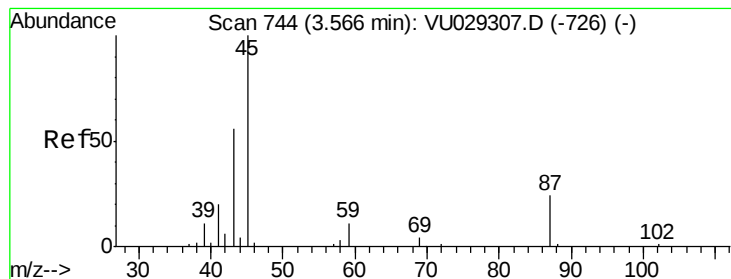
Tgt Ion: 75 Resp: 45271
 Ion Ratio Lower Upper
 75 100
 110 30.9 15.4 46.2
 77 30.2 24.1 36.1



#30
 Carbon Tetrachloride
 Concen: 10.464 ug/l
 RT: 5.12 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: VU029311.D
 Acq: 30 Jan 2019 12:13

Tgt Ion: 117 Resp: 51027
 Ion Ratio Lower Upper
 117 100
 119 95.9 76.8 115.2
 121 30.9 24.4 36.6





#31

Isopropyl Ether

Concen: 9.953 ug/l

RT: 3.57 min Scan# 744

Delta R.T. -0.00 min

Lab File: VU029311.D

Acq: 30 Jan 2019 12:13

Instrument :

MSVOA_U

ClientSampleId :

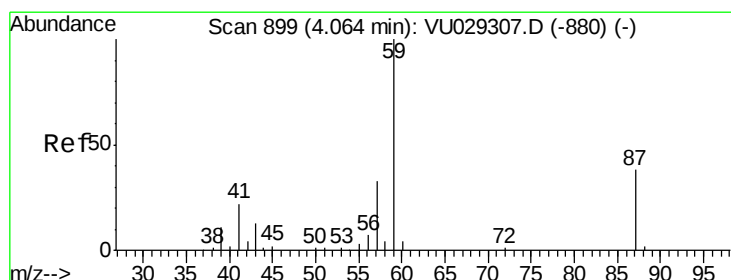
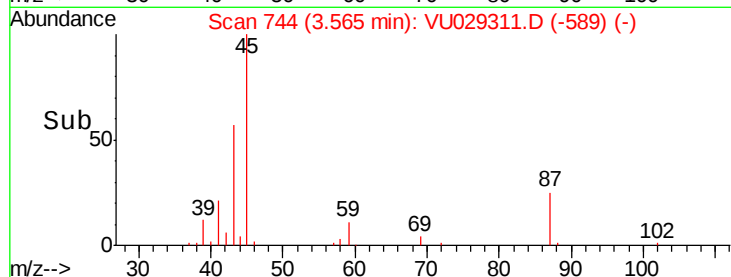
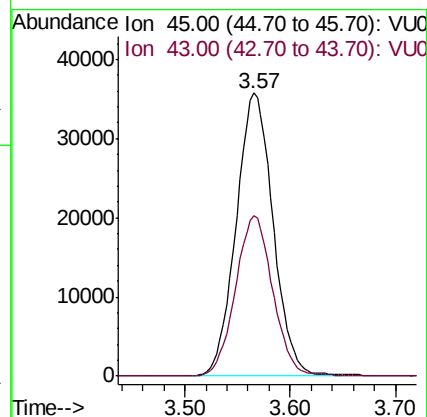
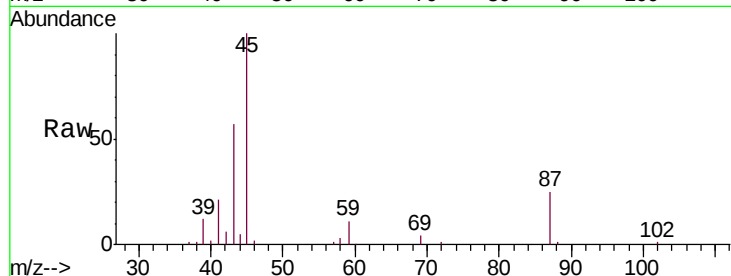
VSTDCCC010

Tgt Ion: 45 Resp: 86938

Ion Ratio Lower Upper

45 100

43 57.1 28.4 85.3



#32

Ethyl-t-butyl ether

Concen: 10.299 ug/l

RT: 4.06 min Scan# 899

Delta R.T. -0.00 min

Lab File: VU029311.D

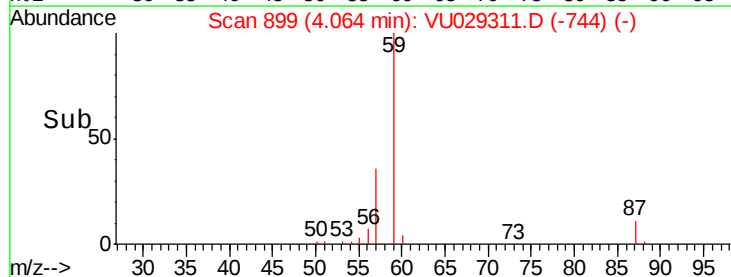
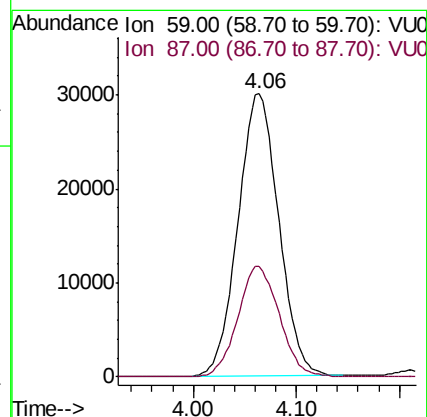
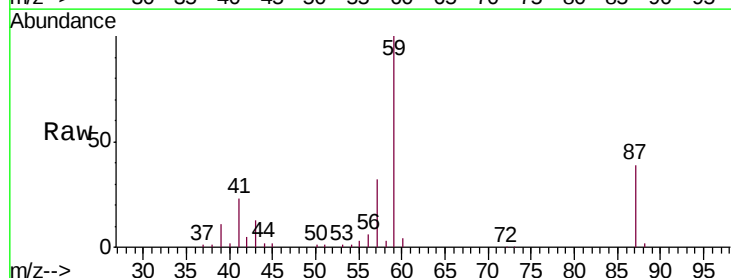
Acq: 30 Jan 2019 12:13

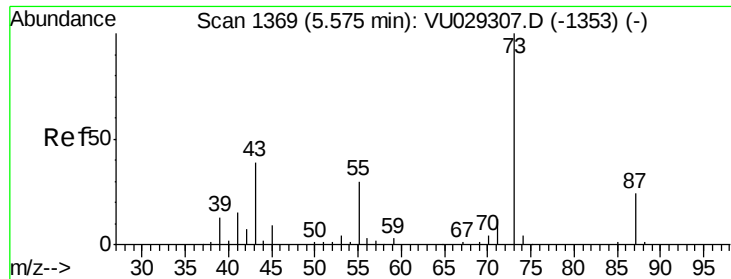
Tgt Ion: 59 Resp: 82593

Ion Ratio Lower Upper

59 100

87 39.8 31.1 46.7

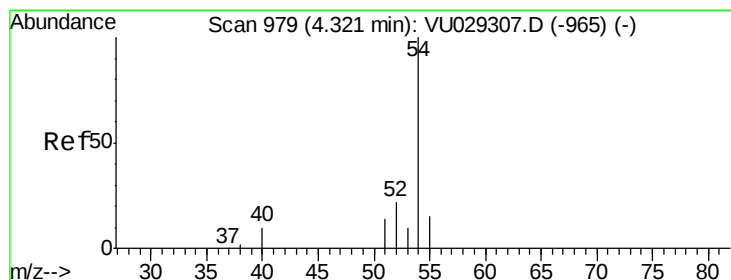
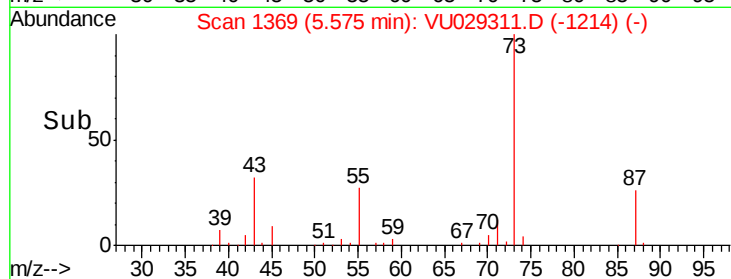
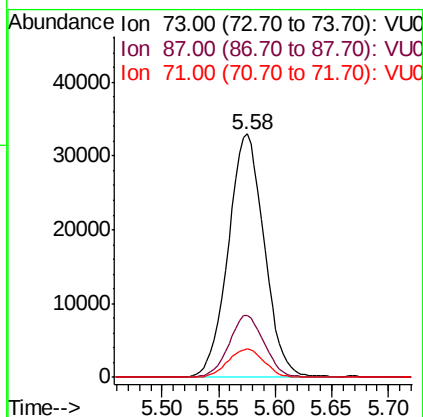
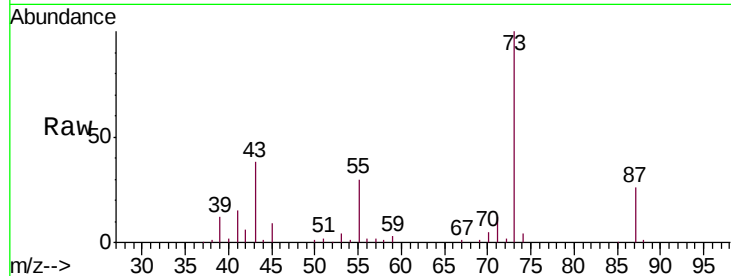




#33
 Tert-Amyl methyl ether
 Concen: 10.664 ug/l
 RT: 5.58 min Scan# 1369
 Delta R.T. -0.00 min
 Lab File: VU029311.D
 Acq: 30 Jan 2019 12:13

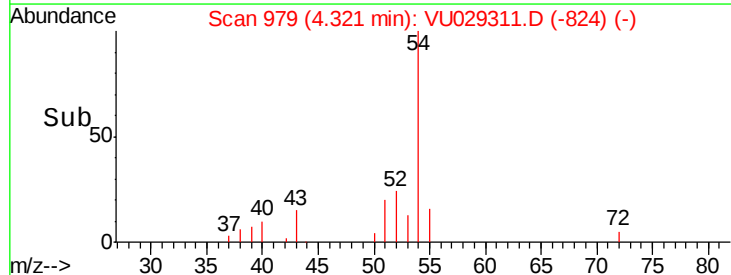
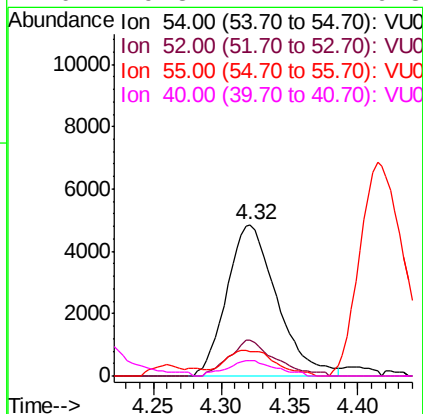
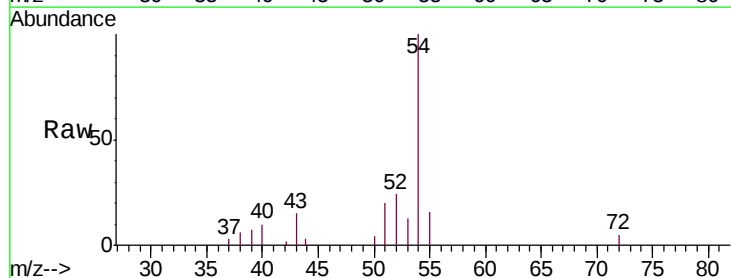
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

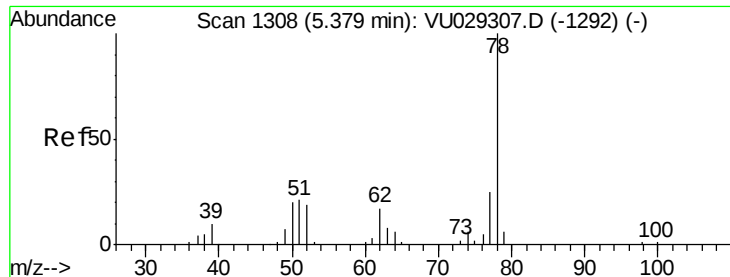
Tgt Ion: 73 Resp: 72605
 Ion Ratio Lower Upper
 73 100
 87 25.1 19.4 29.0
 71 11.8 9.0 13.4



#34
 Propionitrile
 Concen: 52.592 ug/l
 RT: 4.32 min Scan# 979
 Delta R.T. -0.00 min
 Lab File: VU029311.D
 Acq: 30 Jan 2019 12:13

Tgt Ion: 54 Resp: 12374
 Ion Ratio Lower Upper
 54 100
 52 21.7 18.9 28.3
 55 17.5 15.1 22.7
 40 9.8 7.2 10.8





#35

Benzene

Concen: 10.410 ug/l

RT: 5.38 min Scan# 1308

Delta R.T. -0.00 min

Lab File: VU029311.D

Acq: 30 Jan 2019 12:13

Instrument :

MSVOA_U

ClientSampleId :

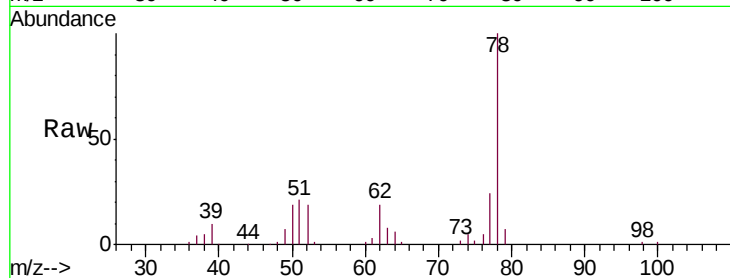
VSTDCCC010

Tgt Ion: 78 Resp: 117743

Ion Ratio Lower Upper

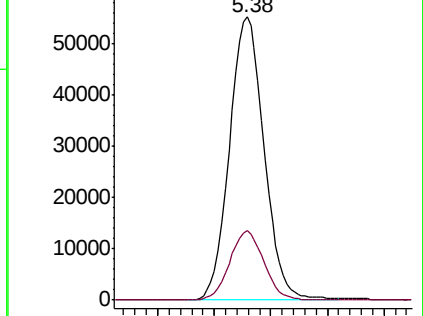
78 100

77 24.4 19.8 29.8

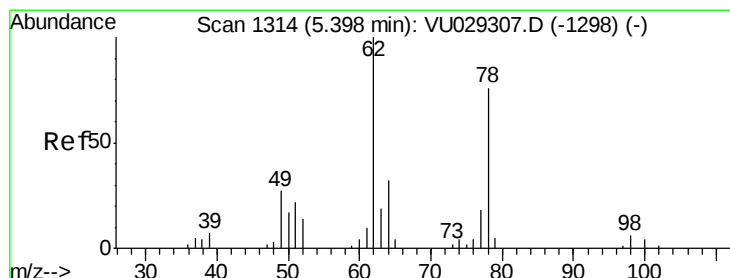
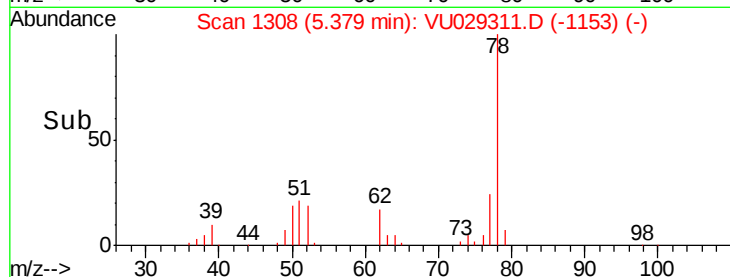


Abundance Ion 78.10 (77.80 to 78.80): VU029311.D (-1153) (-)

Ion 77.00 (76.70 to 77.70): VU029311.D (-1153) (-)



Time-->



#36

1,2-Dichloroethane

Concen: 10.402 ug/l

RT: 5.40 min Scan# 1314

Delta R.T. -0.00 min

Lab File: VU029311.D

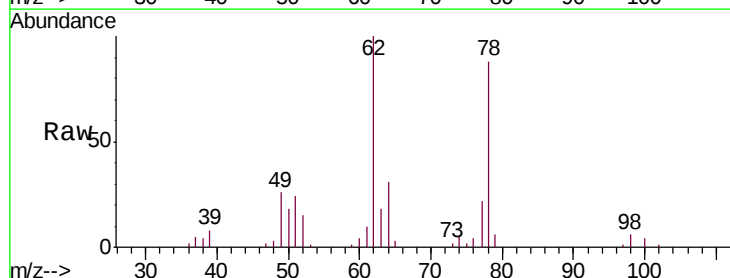
Acq: 30 Jan 2019 12:13

Tgt Ion: 62 Resp: 48699

Ion Ratio Lower Upper

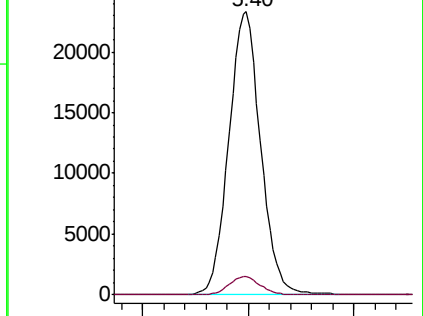
62 100

98 6.2 4.9 7.3

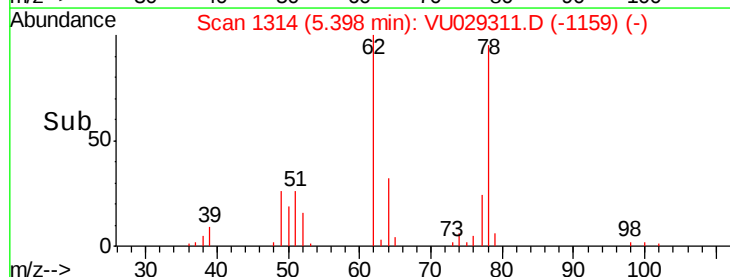


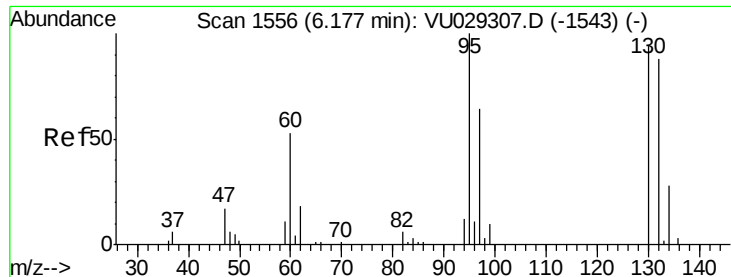
Abundance Ion 62.00 (61.70 to 62.70): VU029311.D (-1159) (-)

Ion 98.00 (97.70 to 98.70): VU029311.D (-1159) (-)



Time-->

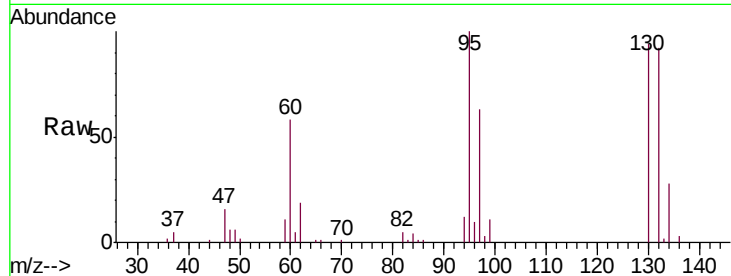




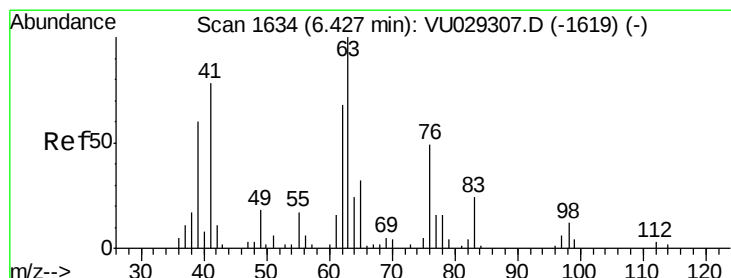
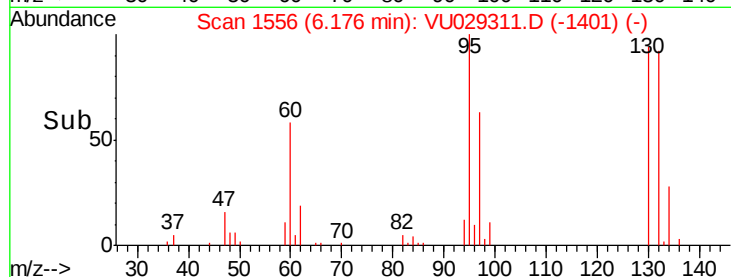
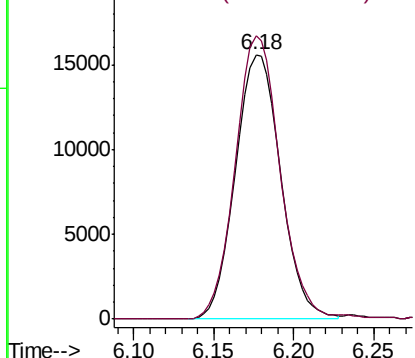
#37
 Trichloroethene
 Concen: 10.573 ug/l
 RT: 6.18 min Scan# 1556
 Delta R.T. -0.00 min
 Lab File: VU029311.D
 Acq: 30 Jan 2019 12:13

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 130 Resp: 30110
 Ion Ratio Lower Upper
 130 100
 95 106.9 85.4 128.0

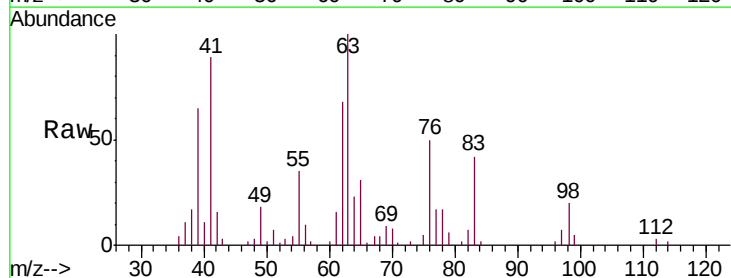


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VU0

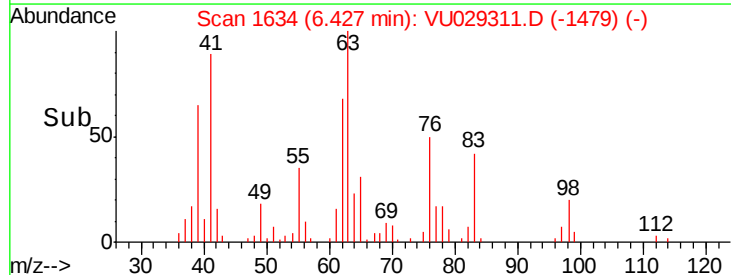
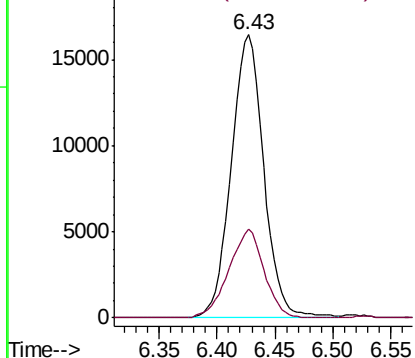


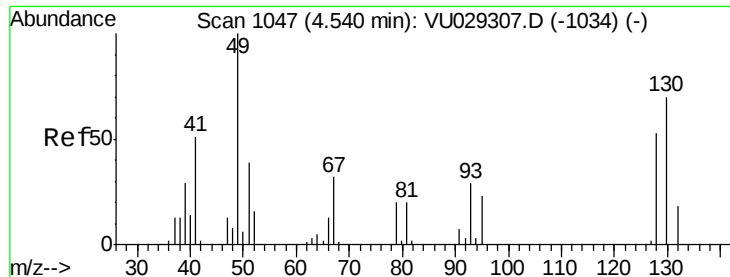
#38
 1,2-Dichloropropane
 Concen: 10.335 ug/l
 RT: 6.43 min Scan# 1634
 Delta R.T. -0.00 min
 Lab File: VU029311.D
 Acq: 30 Jan 2019 12:13

Tgt Ion: 63 Resp: 31988
 Ion Ratio Lower Upper
 63 100
 65 31.3 25.5 38.3



Abundance Ion 63.00 (62.70 to 63.70): VU0
 Ion 65.00 (64.70 to 65.70): VU0

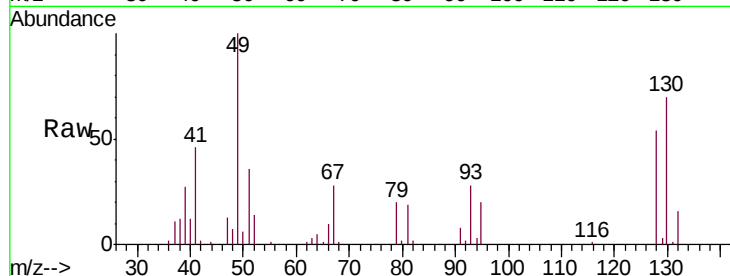




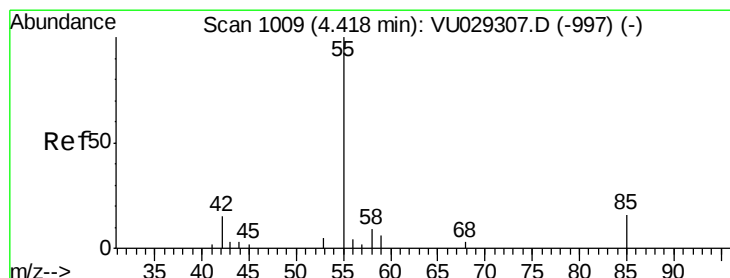
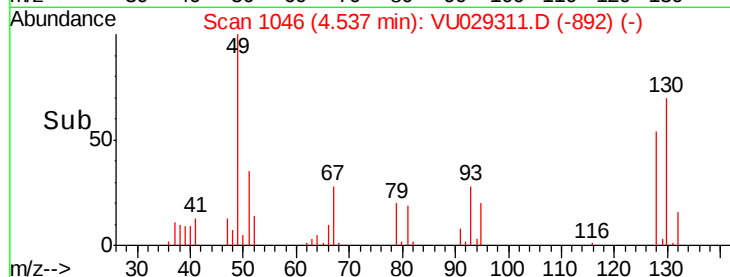
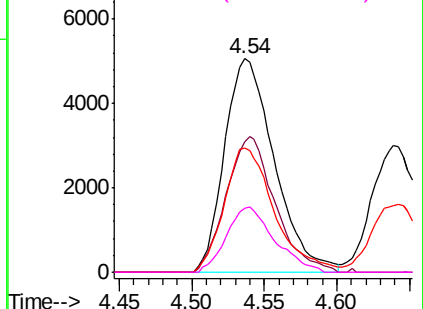
#39
Methacrylonitrile
Concen: 10.696 ug/l
RT: 4.54 min Scan# 1046
Delta R.T. -0.00 min
Lab File: VU029311.D
Acq: 30 Jan 2019 12:13

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion: 41 Resp: 12077
Ion Ratio Lower Upper
41 100
67 62.0 50.1 75.1
39 58.8 47.9 71.9
52 29.4 24.8 37.2

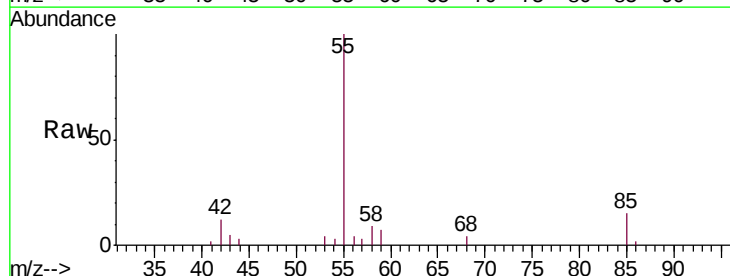


Abundance Ion 41.00 (40.70 to 41.70): VU0
Ion 67.00 (66.70 to 67.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 52.00 (51.70 to 52.70): VU0

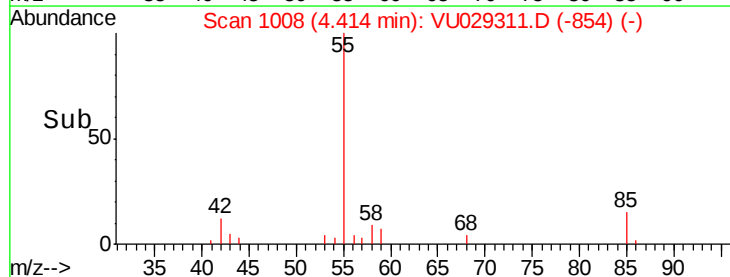
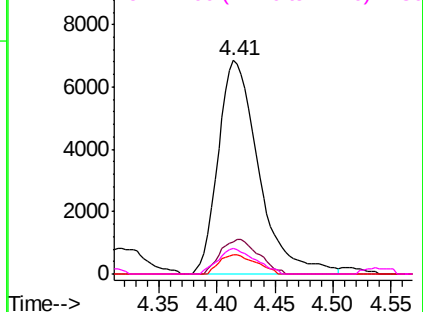


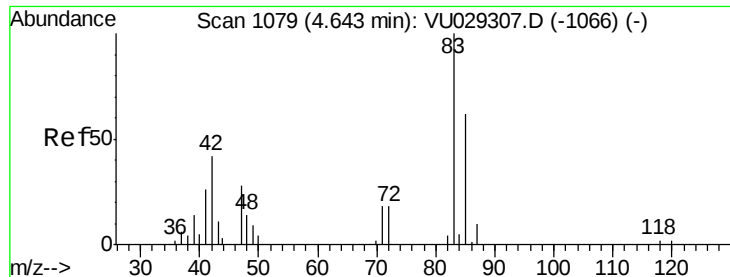
#40
Methyl acrylate
Concen: 10.918 ug/l
RT: 4.41 min Scan# 1008
Delta R.T. -0.00 min
Lab File: VU029311.D
Acq: 30 Jan 2019 12:13

Tgt Ion: 55 Resp: 16668
Ion Ratio Lower Upper
55 100
85 15.1 11.3 16.9
58 8.1 6.2 9.4
42 10.8 10.1 15.1



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: 21.336 ug/l

RT: 4.64 min Scan# 1077

Delta R.T. -0.01 min

Lab File: VU029311.D

Acq: 30 Jan 2019 12:13

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

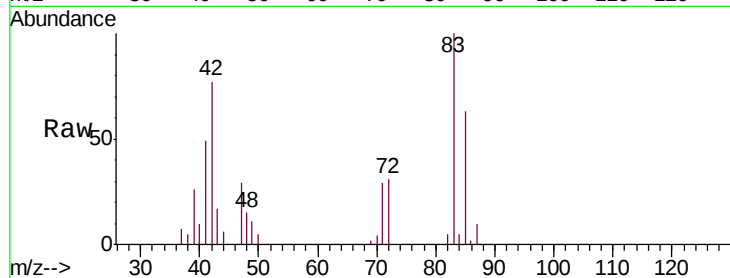
Tgt Ion: 42 Resp: 11256

Ion Ratio Lower Upper

42 100

72 42.1 33.1 49.7

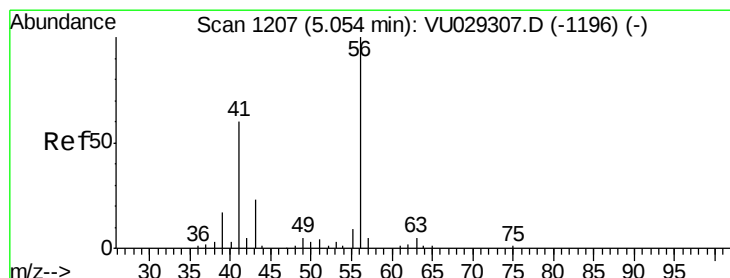
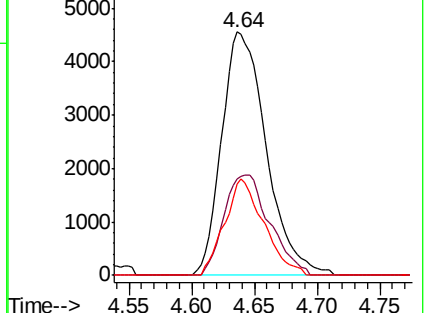
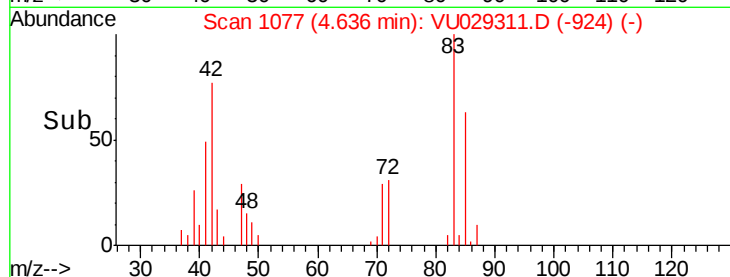
71 34.9 30.2 45.2



Abundance Ion 42.00 (41.70 to 42.70): VU0

Ion 72.00 (71.70 to 72.70): VU0

Ion 71.00 (70.70 to 71.70): VU0



#42

1-Chlorobutane

Concen: 10.352 ug/l

RT: 5.05 min Scan# 1207

Delta R.T. -0.00 min

Lab File: VU029311.D

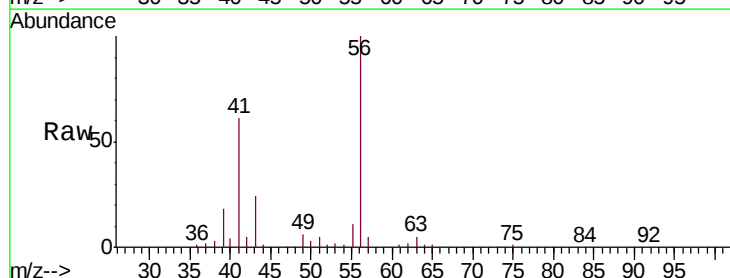
Acq: 30 Jan 2019 12:13

Tgt Ion: 56 Resp: 65224

Ion Ratio Lower Upper

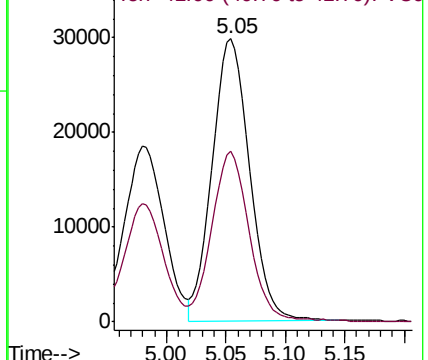
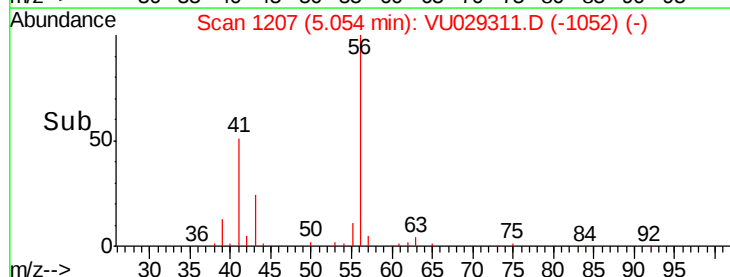
56 100

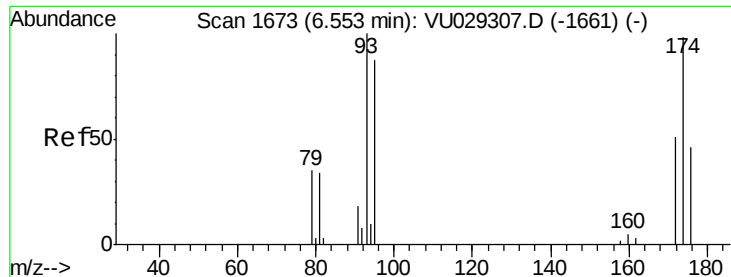
41 60.8 31.3 93.8



Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 41.00 (40.70 to 41.70): VU0





#43

Dibromomethane

Concen: 10.563 ug/l

RT: 6.55 min Scan# 1673

Delta R.T. -0.00 min

Lab File: VU029311.D

Acq: 30 Jan 2019 12:13

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

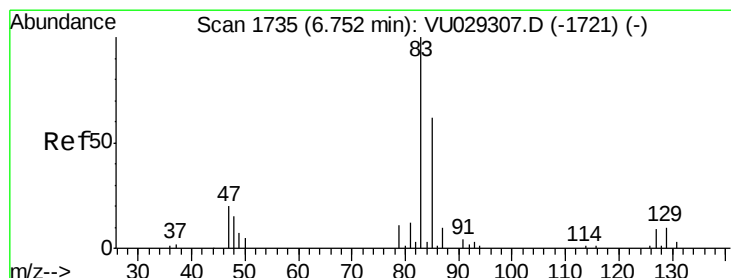
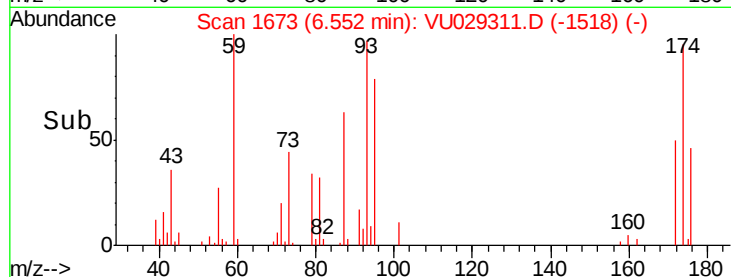
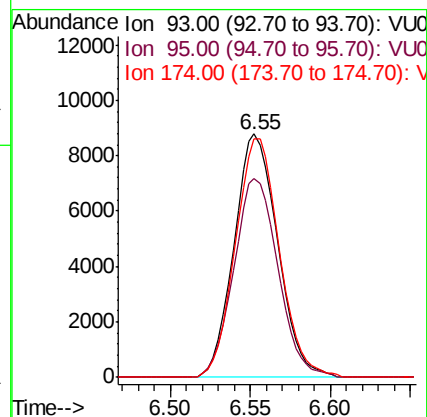
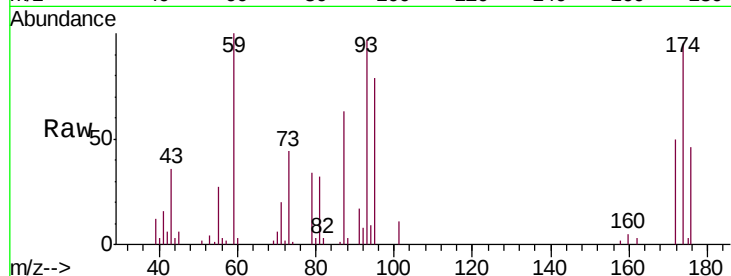
Tgt Ion: 93 Resp: 16307

Ion Ratio Lower Upper

93 100

95 82.9 68.2 102.2

174 98.8 77.6 116.4



#44

Bromodichloromethane

Concen: 10.467 ug/l

RT: 6.75 min Scan# 1734

Delta R.T. -0.00 min

Lab File: VU029311.D

Acq: 30 Jan 2019 12:13

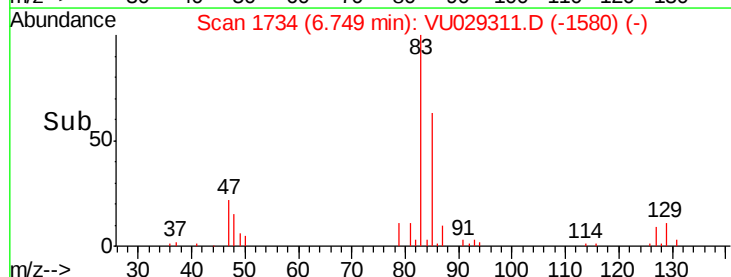
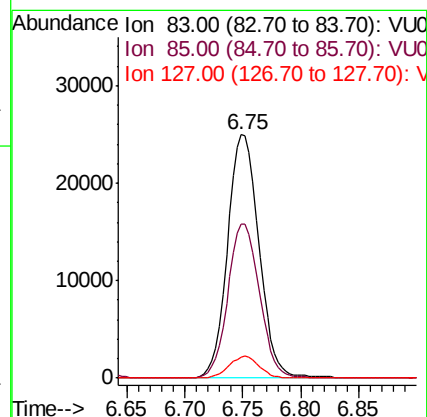
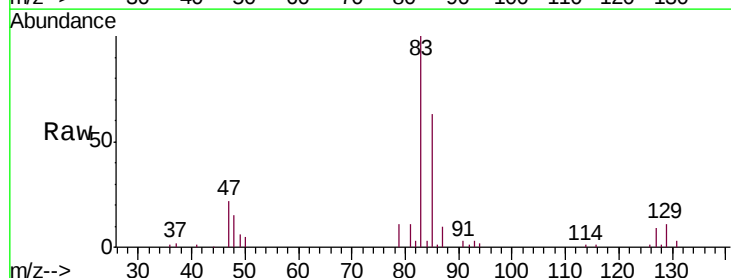
Tgt Ion: 83 Resp: 47009

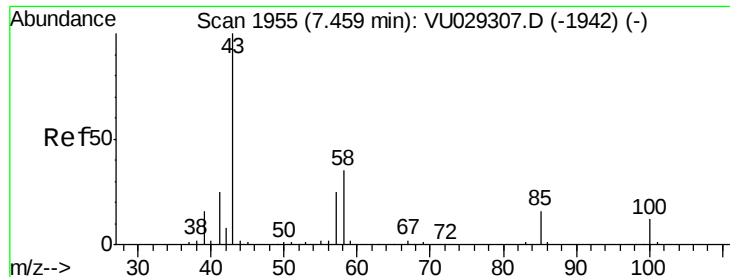
Ion Ratio Lower Upper

83 100

85 63.2 49.2 73.8

127 8.6 7.0 10.6

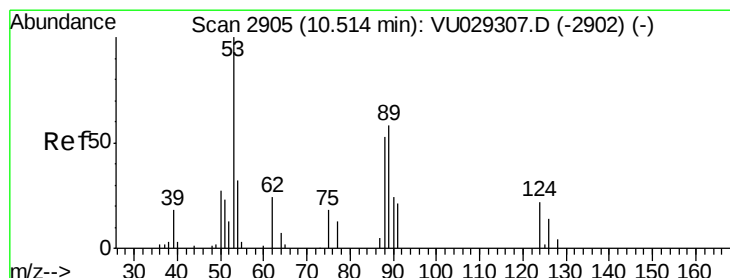
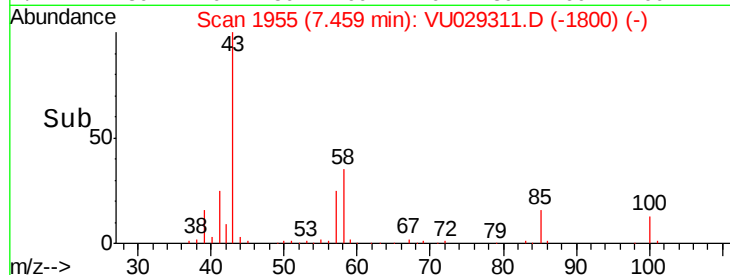
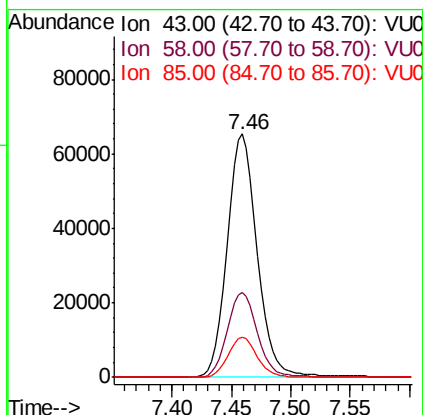
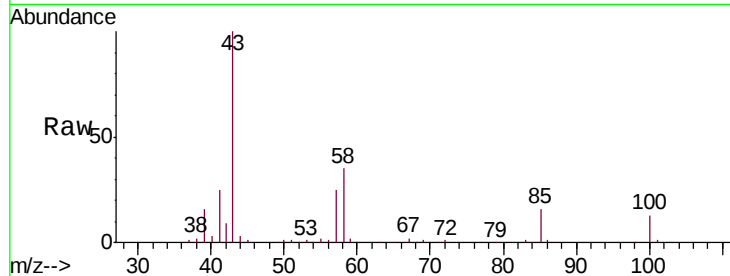




#45
4-Methyl-2-Pentanone
Concen: 53.355 ug/l
RT: 7.46 min Scan# 1955
Delta R.T. -0.00 min
Lab File: VU029311.D
Acq: 30 Jan 2019 12:13

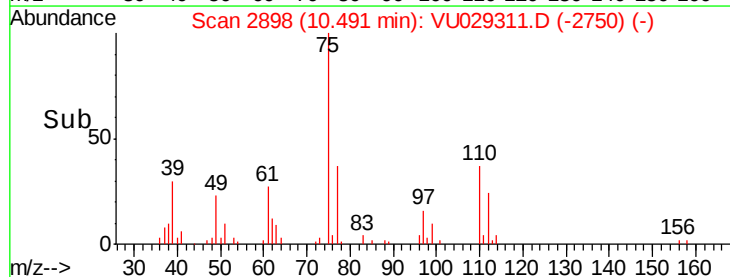
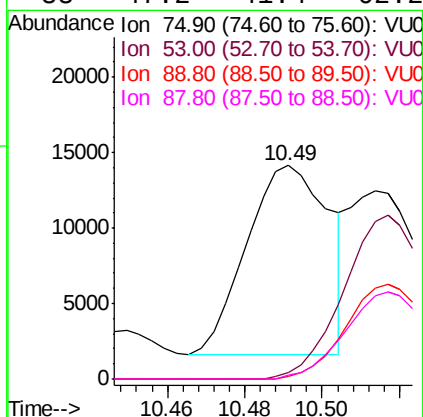
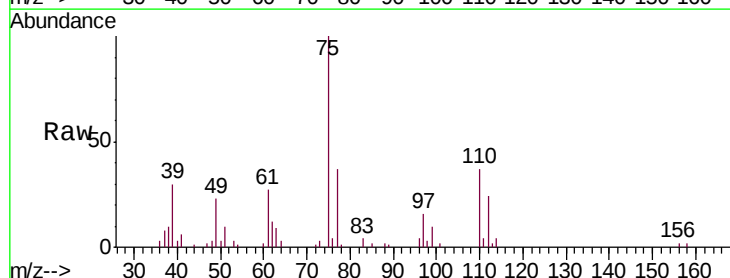
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

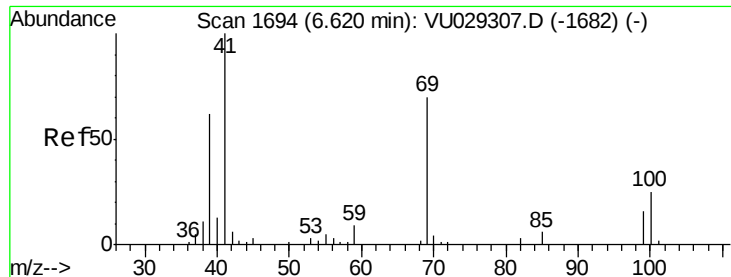
Tgt Ion: 43 Resp: 113932
Ion Ratio Lower Upper
43 100
58 35.2 17.6 52.8
85 16.0 12.3 18.5



#46
t-1,4-Dichloro-2-butene
Concen: 25.623 ug/l
RT: 10.49 min Scan# 2898
Delta R.T. -0.02 min
Lab File: VU029311.D
Acq: 30 Jan 2019 12:13

Tgt Ion: 75 Resp: 18448
Ion Ratio Lower Upper
75 100
53 90.4 78.2 117.4
89 51.4 44.2 66.4
88 47.2 41.4 62.2

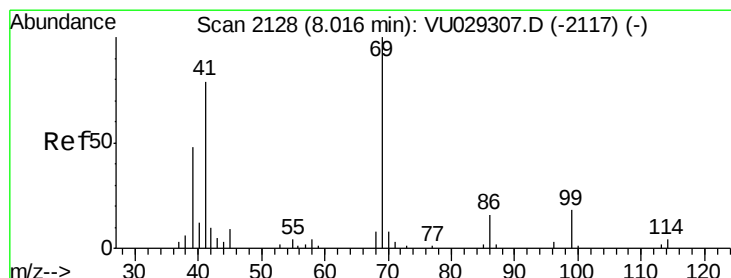
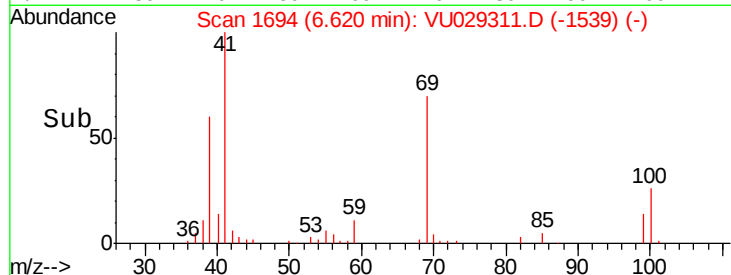
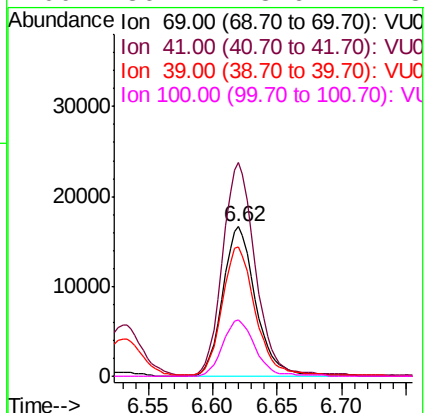
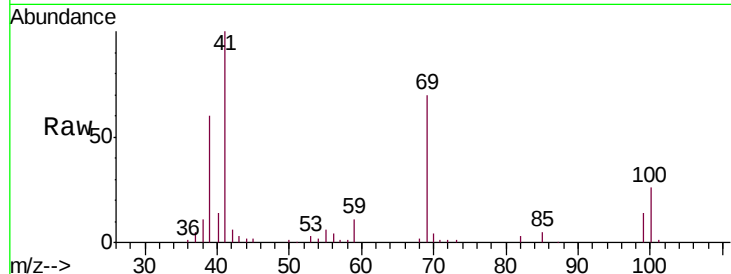




#47
Methyl methacrylate
Concen: 22.780 ug/l
RT: 6.62 min Scan# 1694
Delta R.T. -0.00 min
Lab File: VU029311.D
Acq: 30 Jan 2019 12:13

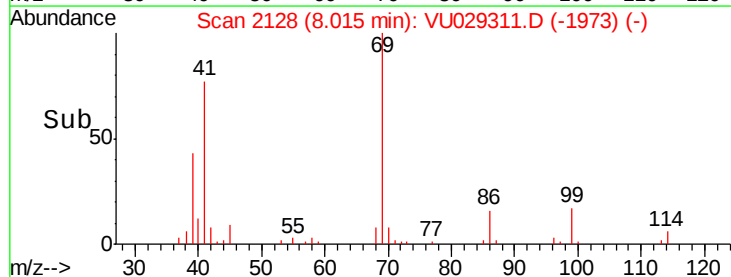
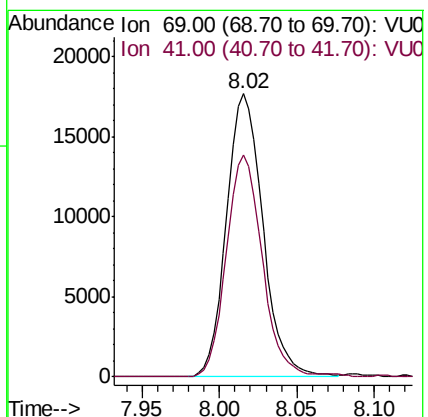
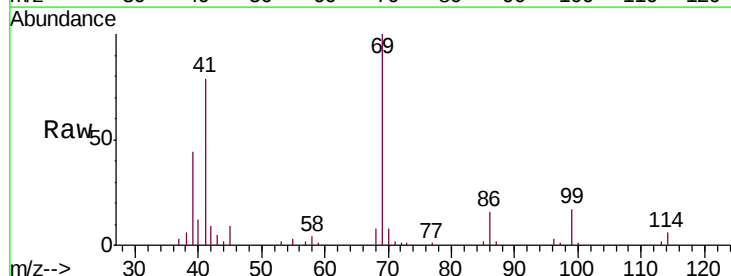
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

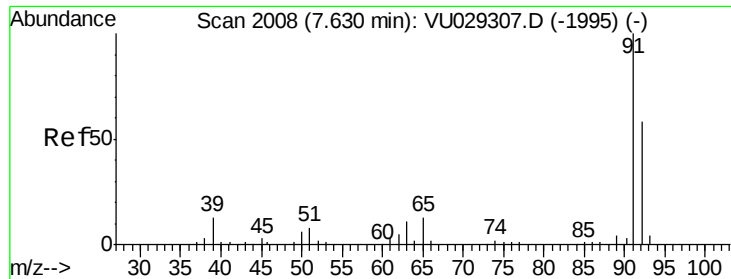
Tgt Ion: 69 Resp: 29735
Ion Ratio Lower Upper
69 100
41 139.1 0.0 296.2
39 85.1 71.2 106.8
100 36.7 28.6 42.8



#48
Ethyl methacrylate
Concen: 11.618 ug/l
RT: 8.02 min Scan# 2128
Delta R.T. -0.00 min
Lab File: VU029311.D
Acq: 30 Jan 2019 12:13

Tgt Ion: 69 Resp: 28911
Ion Ratio Lower Upper
69 100
41 77.5 39.9 119.7





#49

Toluene

Concen: 11.112 ug/l

RT: 7.63 min Scan# 2008

Delta R.T. -0.00 min

Lab File: VU029311.D

Acq: 30 Jan 2019 12:13

Instrument :

MSVOA_U

ClientSampleId :

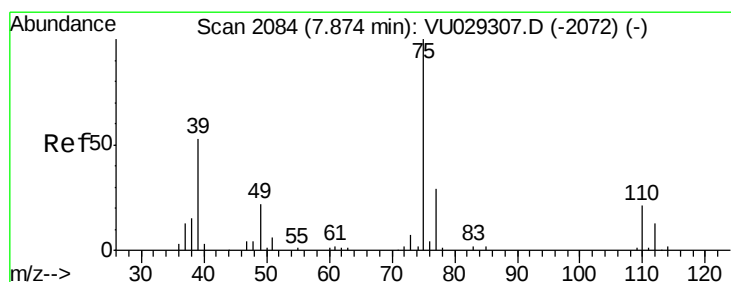
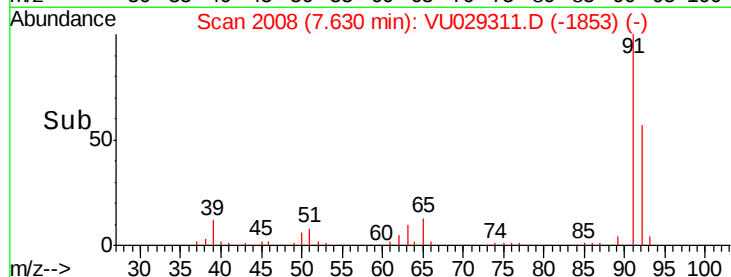
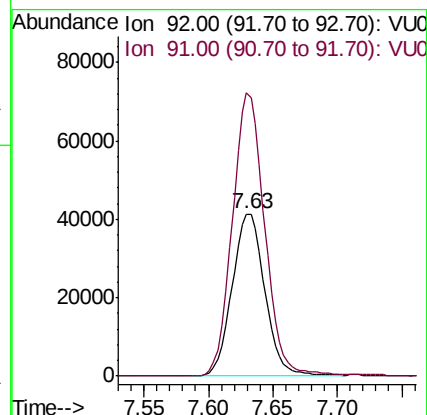
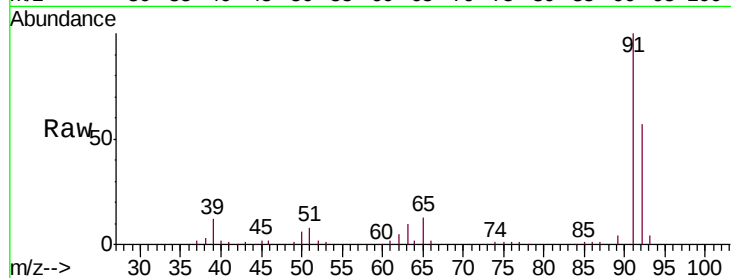
VSTDCCC010

Tgt Ion: 92 Resp: 72922

Ion Ratio Lower Upper

92 100

91 173.9 140.7 211.1



#50

t-1,3-Dichloropropene

Concen: 11.152 ug/l

RT: 7.87 min Scan# 2084

Delta R.T. -0.00 min

Lab File: VU029311.D

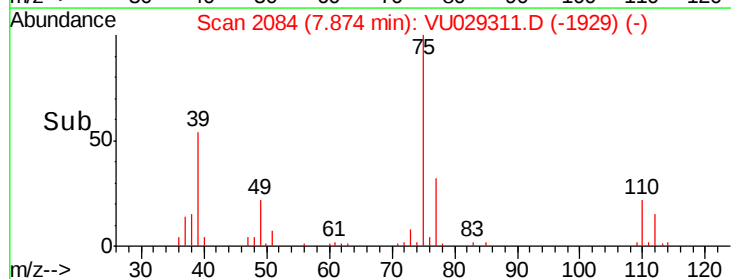
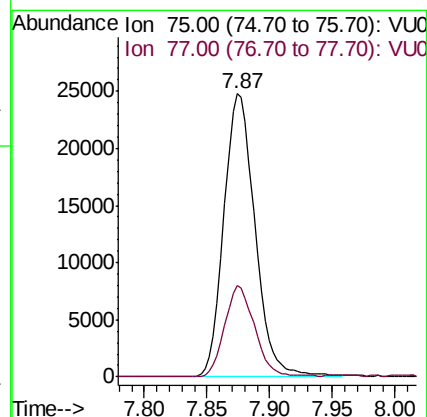
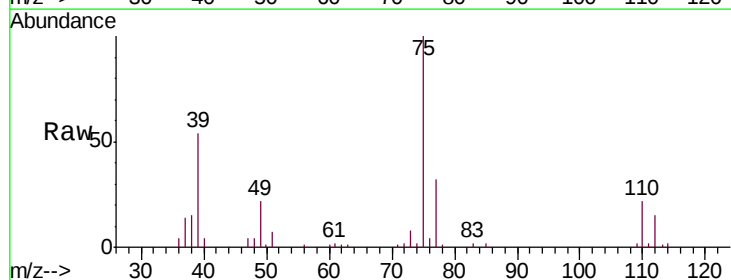
Acq: 30 Jan 2019 12:13

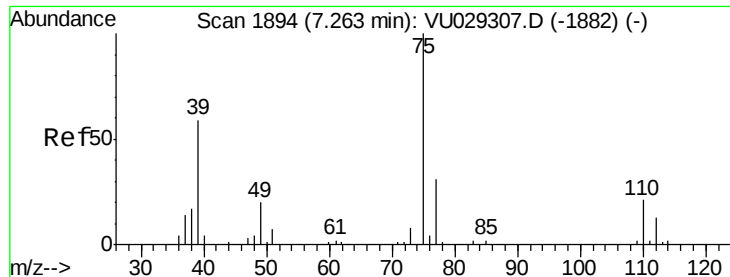
Tgt Ion: 75 Resp: 42818

Ion Ratio Lower Upper

75 100

77 32.1 23.6 35.4



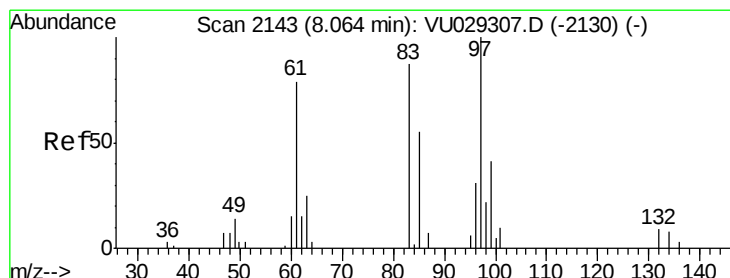
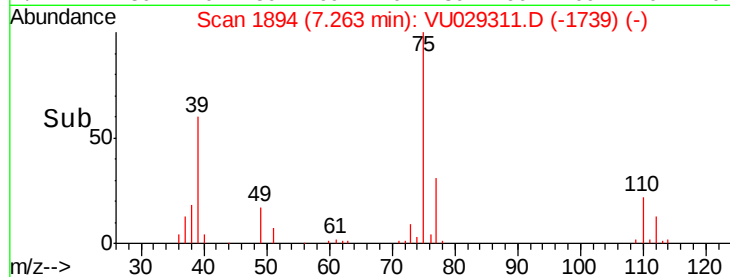
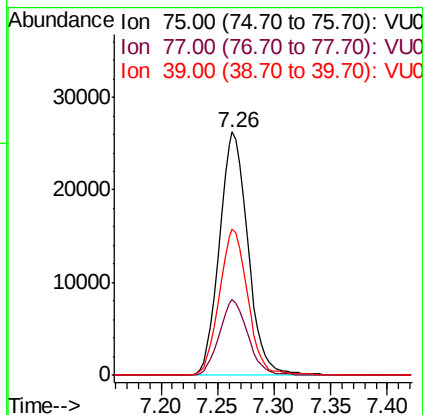
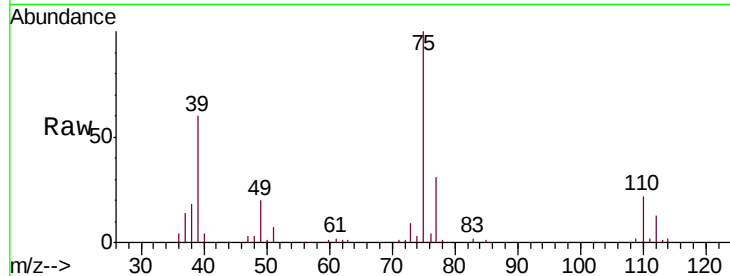


#51

cis-1,3-Dichloropropene
Concen: 10.902 ug/l
RT: 7.26 min Scan# 1894
Delta R.T. -0.00 min
Lab File: VU029311.D
Acq: 30 Jan 2019 12:13

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

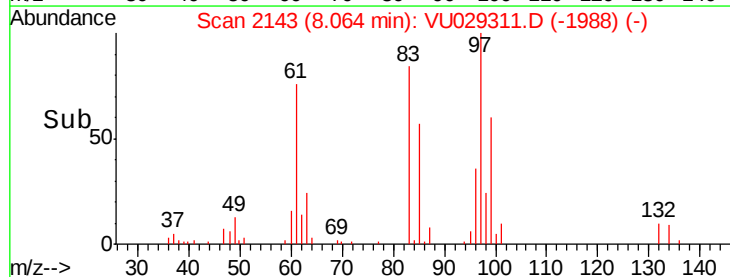
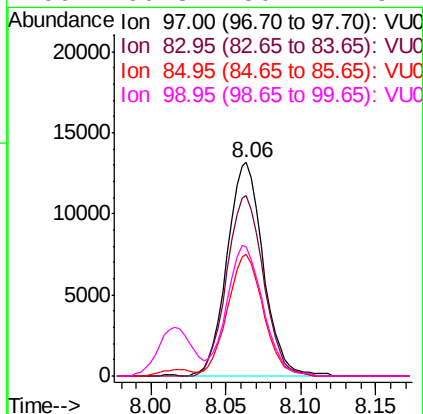
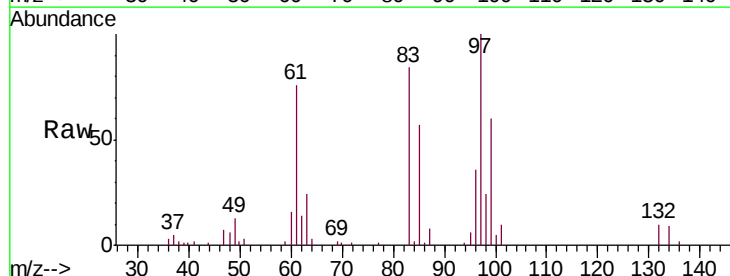
Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.2	24.9	37.3
39	60.3	47.2	70.8

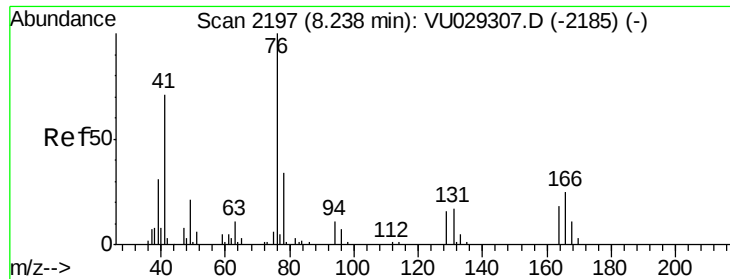


#52

1,1,2-Trichloroethane
Concen: 10.975 ug/l
RT: 8.06 min Scan# 2143
Delta R.T. -0.00 min
Lab File: VU029311.D
Acq: 30 Jan 2019 12:13

Tgt Ion	Ratio	Lower	Upper
97	100		
83	84.3	69.9	104.9
85	57.0	45.8	68.6
99	60.3	50.2	75.2

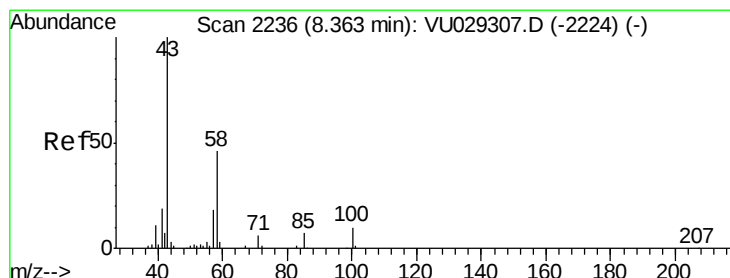
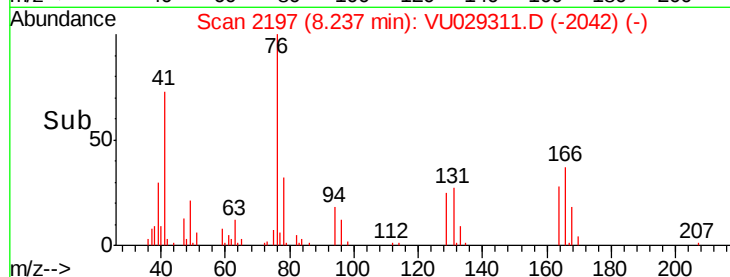
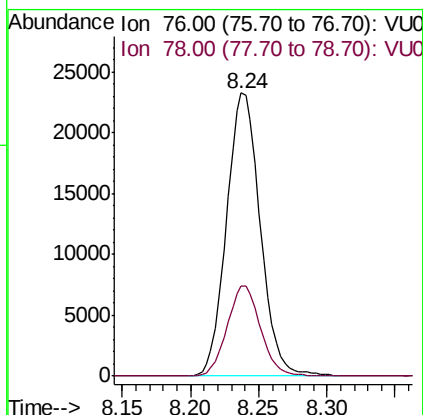
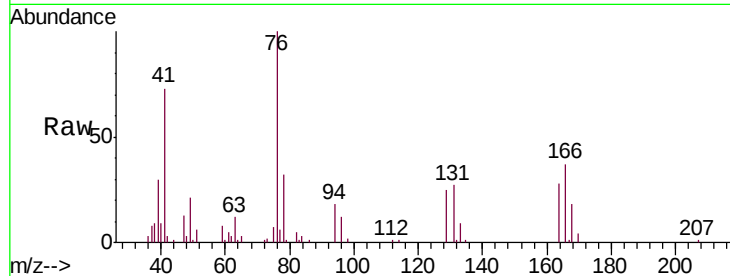




#53
 1,3-Dichloropropane
 Concen: 10.517 ug/l
 RT: 8.24 min Scan# 2197
 Delta R.T. -0.00 min
 Lab File: VU029311.D
 Acq: 30 Jan 2019 12:13

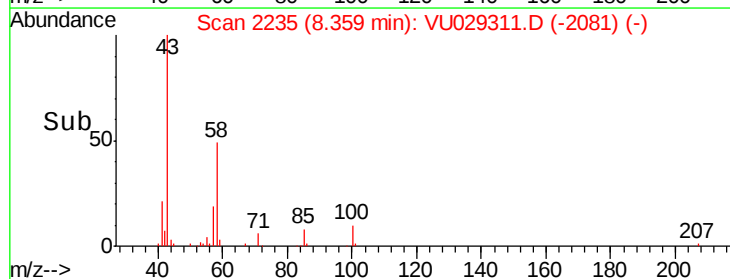
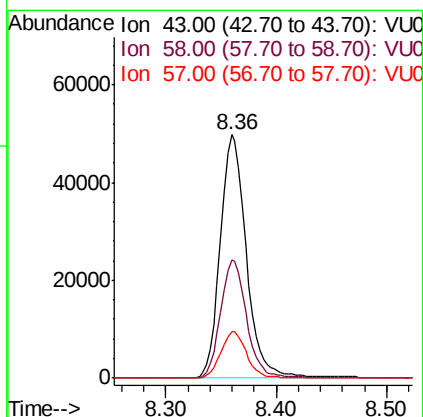
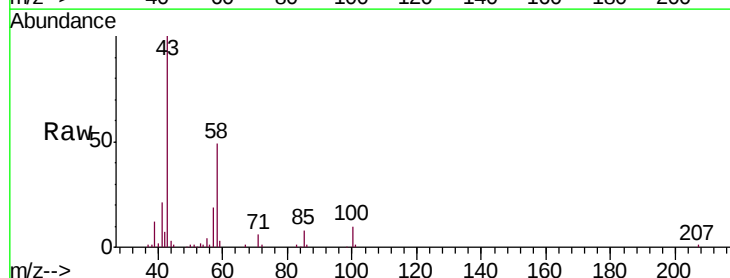
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

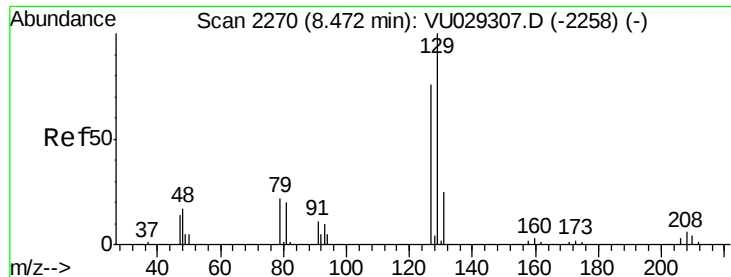
Tgt Ion: 76 Resp: 39916
 Ion Ratio Lower Upper
 76 100
 78 31.6 26.3 39.5



#54
 2-Hexanone
 Concen: 54.057 ug/l
 RT: 8.36 min Scan# 2235
 Delta R.T. -0.00 min
 Lab File: VU029311.D
 Acq: 30 Jan 2019 12:13

Tgt Ion: 43 Resp: 81685
 Ion Ratio Lower Upper
 43 100
 58 48.6 26.0 66.0
 57 18.8 0.0 37.7





#55

Dibromochloromethane

Concen: 10.688 ug/l

RT: 8.47 min Scan# 2270

Delta R.T. -0.00 min

Lab File: VU029311.D

Acq: 30 Jan 2019 12:13

Instrument :

MSVOA_U

ClientSampleId :

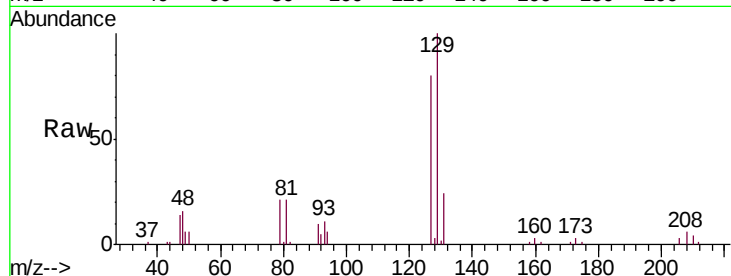
VSTDCCC010

Tgt Ion:129 Resp: 29149

Ion Ratio Lower Upper

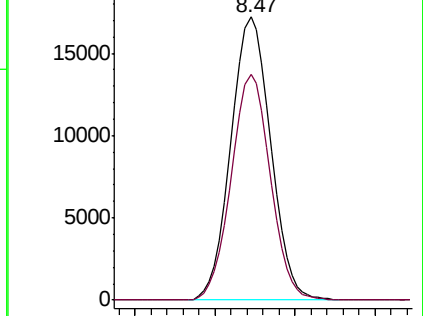
129 100

127 78.5 60.5 90.7

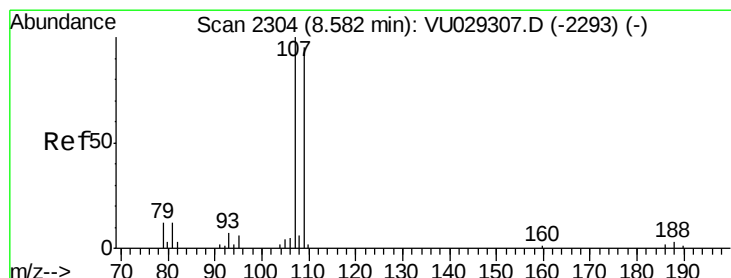
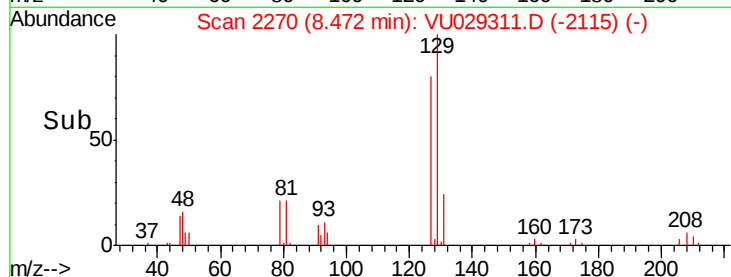


Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



Time-->



#56

1,2-Dibromoethane

Concen: 10.814 ug/l

RT: 8.58 min Scan# 2304

Delta R.T. -0.00 min

Lab File: VU029311.D

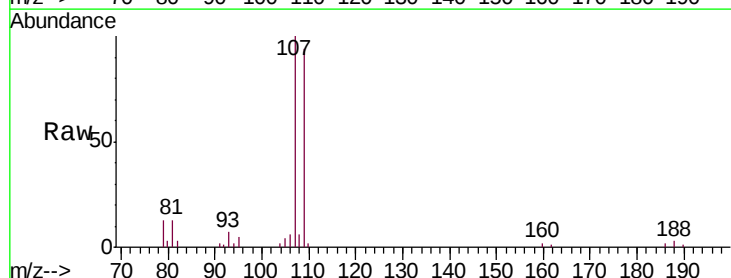
Acq: 30 Jan 2019 12:13

Tgt Ion:107 Resp: 20113

Ion Ratio Lower Upper

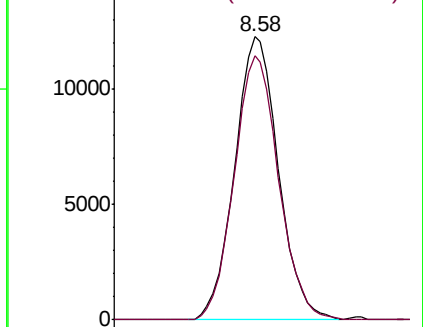
107 100

109 94.9 0.0 189.6

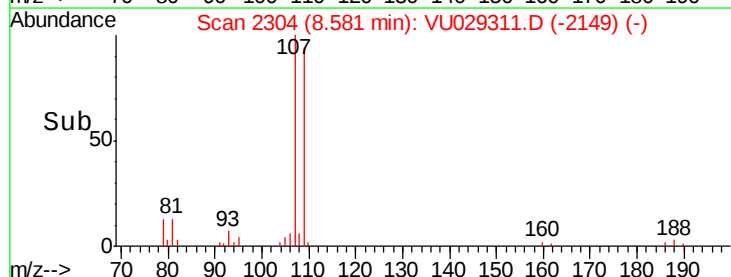


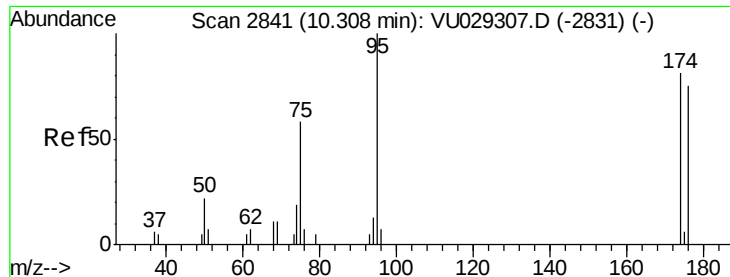
Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V



Time-->





#57

4-Bromofluorobenzene

Concen: 10.814 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.00 min

Lab File: VU029311.D

Acq: 30 Jan 2019 12:13

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

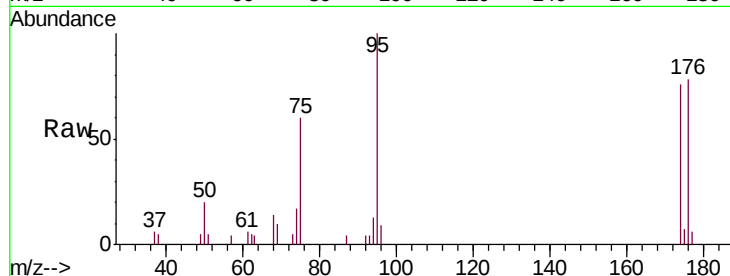
Tgt Ion: 95 Resp: 3895

Ion Ratio Lower Upper

95 100

174 83.7 64.2 96.2

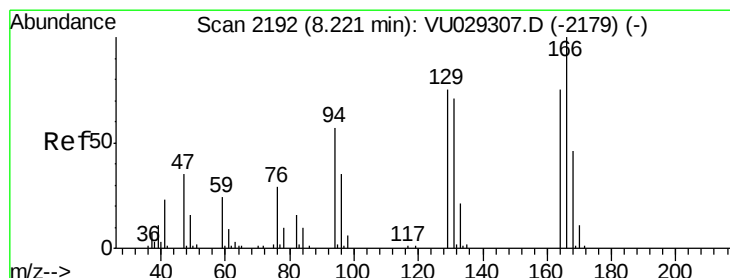
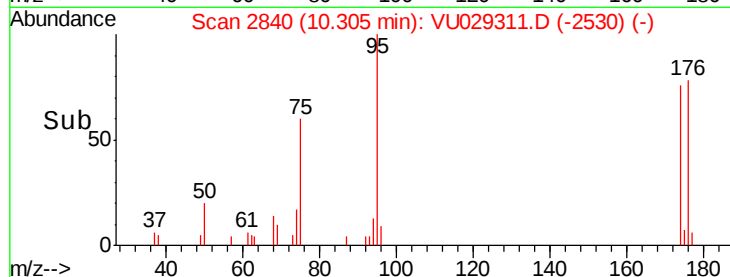
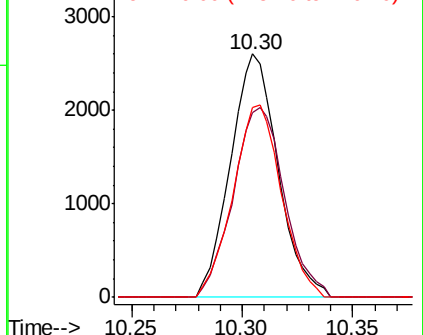
176 80.4 62.3 93.5



Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V



#58

Tetrachloroethene

Concen: 10.728 ug/l

RT: 8.22 min Scan# 2192

Delta R.T. -0.00 min

Lab File: VU029311.D

Acq: 30 Jan 2019 12:13

Tgt Ion: 164 Resp: 28996

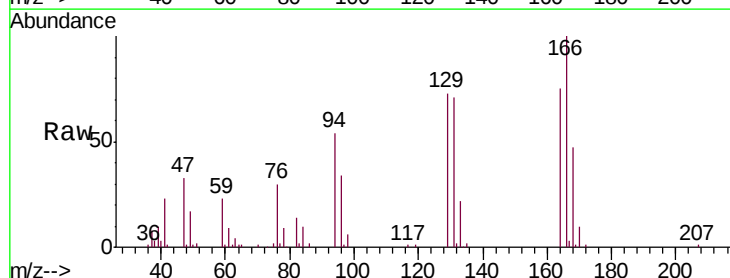
Ion Ratio Lower Upper

164 100

166 132.9 106.6 159.8

129 97.2 79.9 119.9

131 95.0 75.8 113.8

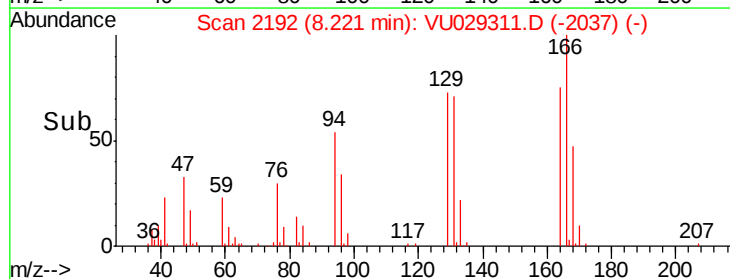
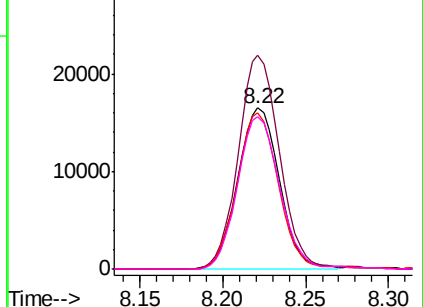


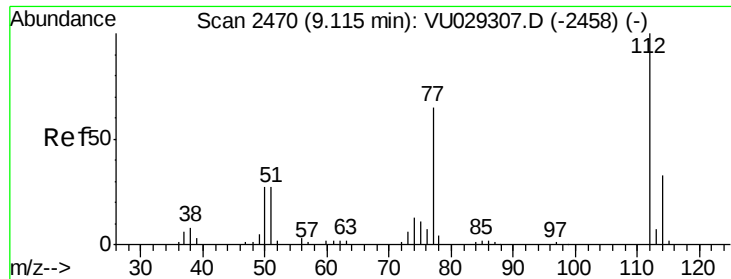
Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V





#59

Chlorobenzene

Concen: 10.853 ug/l

RT: 9.12 min Scan# 2470

Delta R.T. -0.00 min

Lab File: VU029311.D

Acq: 30 Jan 2019 12:13

Instrument :

MSVOA_U

ClientSampleId :

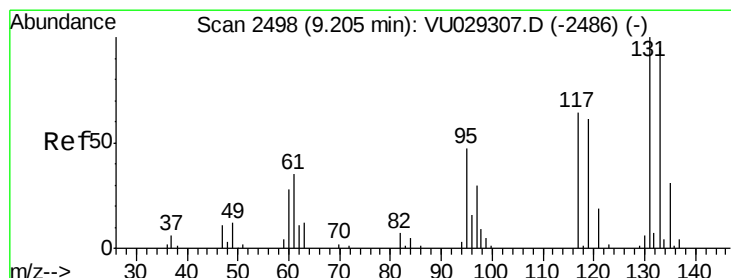
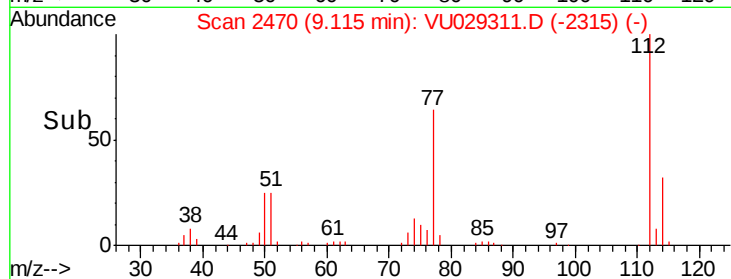
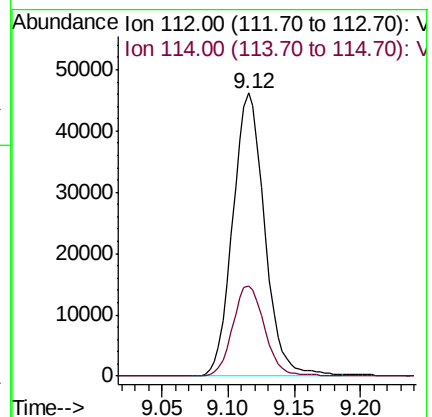
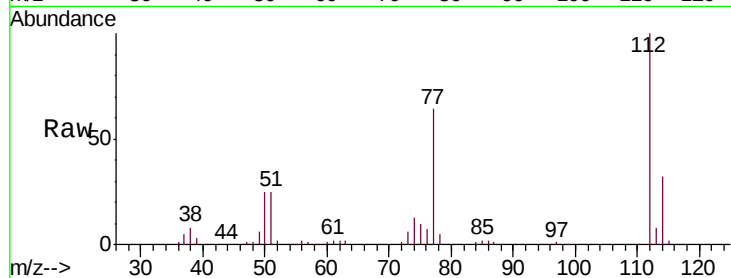
VSTDCCC010

Tgt Ion:112 Resp: 77424

Ion Ratio Lower Upper

112 100

114 32.1 26.2 39.4



#60

1,1,1,2-Tetrachloroethane

Concen: 10.635 ug/l

RT: 9.21 min Scan# 2498

Delta R.T. -0.00 min

Lab File: VU029311.D

Acq: 30 Jan 2019 12:13

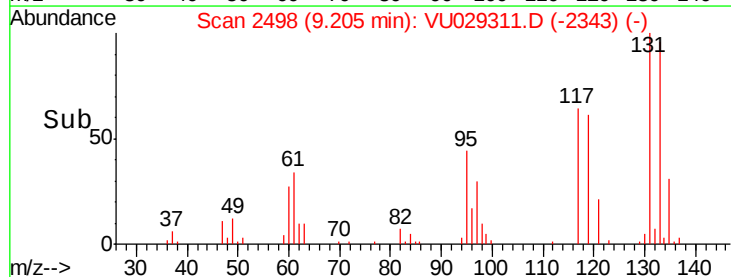
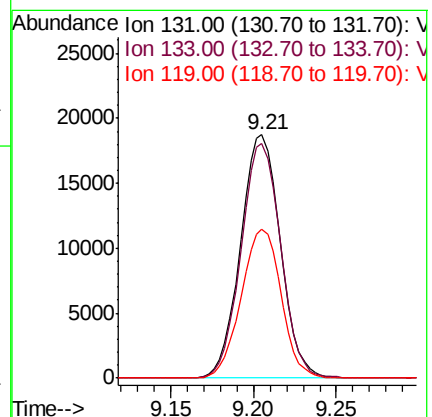
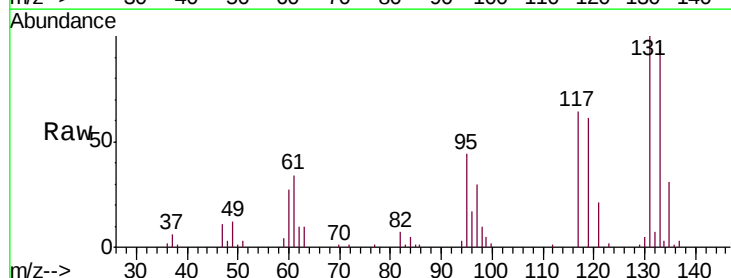
Tgt Ion:131 Resp: 31320

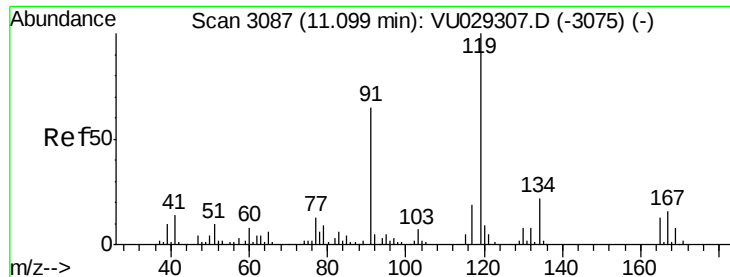
Ion Ratio Lower Upper

131 100

133 96.0 77.3 115.9

119 61.3 48.9 73.3

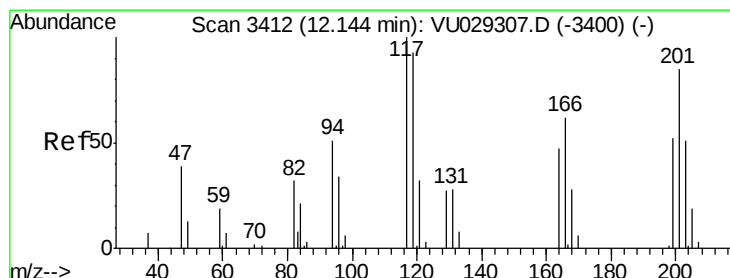
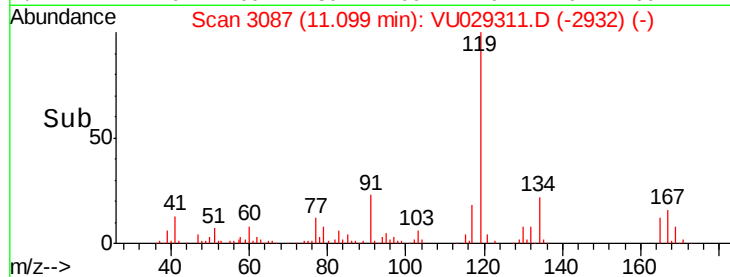
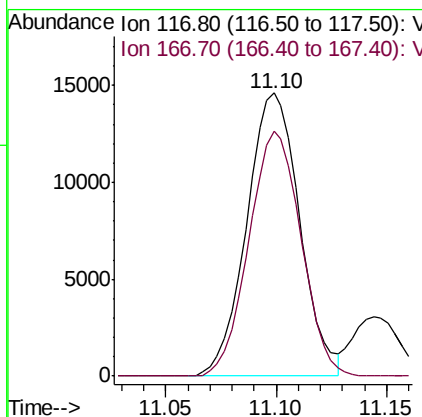
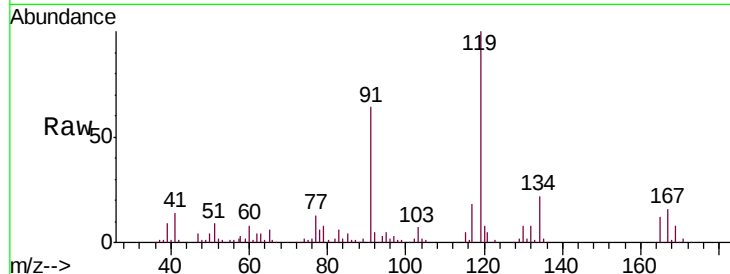




#61
 Pentachloroethane
 Concen: 10.705 ug/l
 RT: 11.10 min Scan# 3087
 Delta R.T. -0.00 min
 Lab File: VU029311.D
 Acq: 30 Jan 2019 12:13

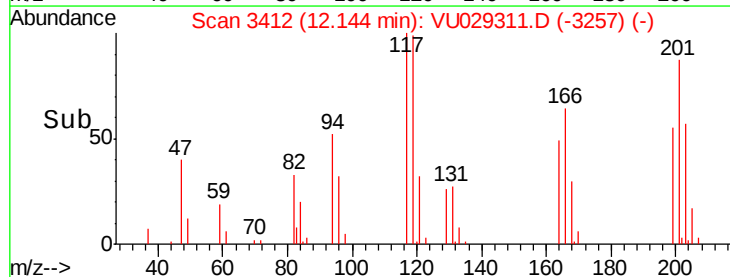
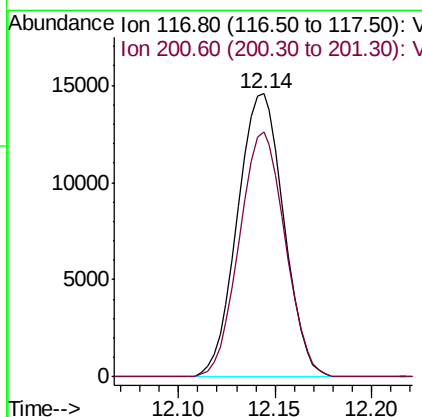
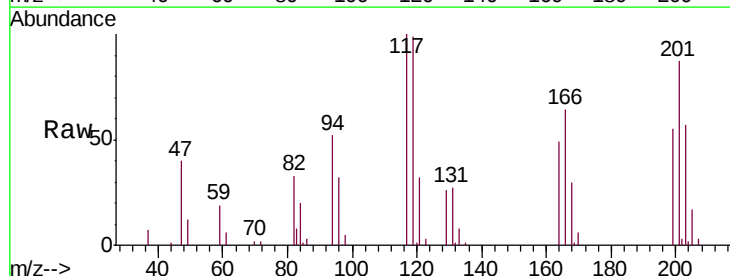
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

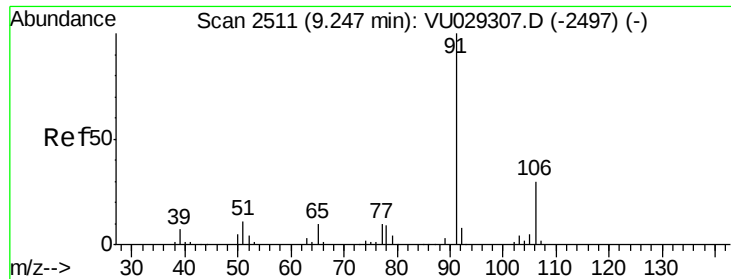
Tgt Ion:117 Resp: 24278
 Ion Ratio Lower Upper
 117 100
 167 85.0 65.9 98.9



#62
 Hexachloroethane
 Concen: 11.145 ug/l
 RT: 12.14 min Scan# 3412
 Delta R.T. -0.00 min
 Lab File: VU029311.D
 Acq: 30 Jan 2019 12:13

Tgt Ion:117 Resp: 24290
 Ion Ratio Lower Upper
 117 100
 201 85.6 68.2 102.2

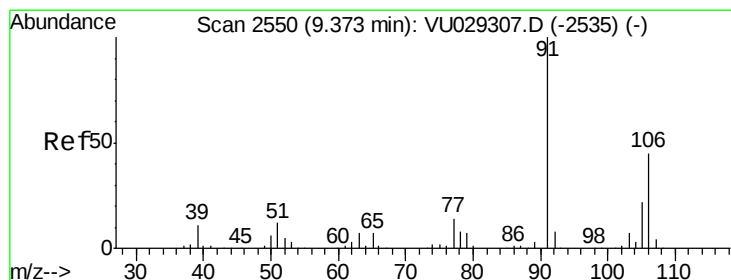
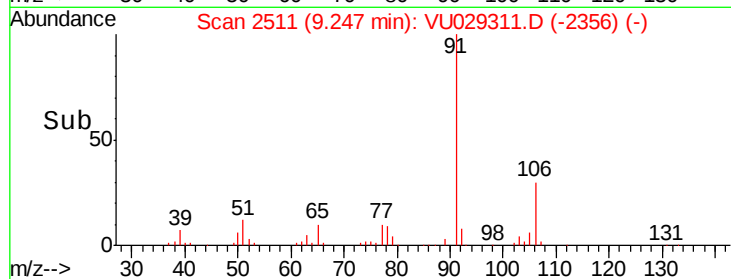
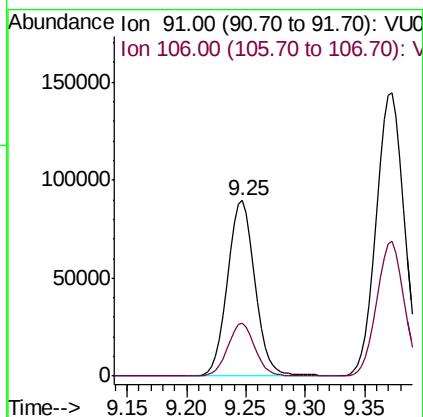
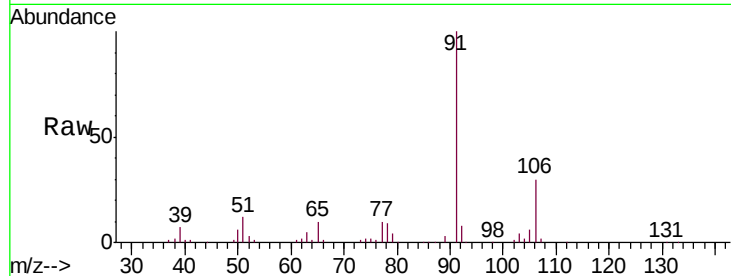




#63
Ethyl Benzene
Concen: 11.585 ug/l
RT: 9.25 min Scan# 2511
Delta R.T. -0.00 min
Lab File: VU029311.D
Acq: 30 Jan 2019 12:13

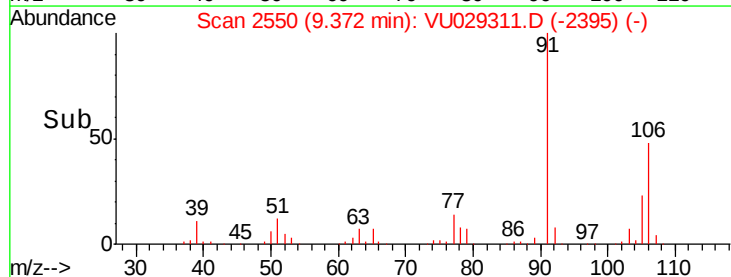
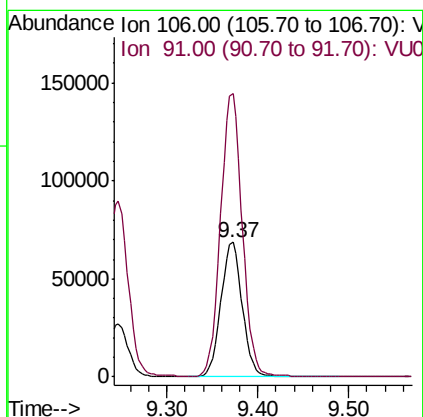
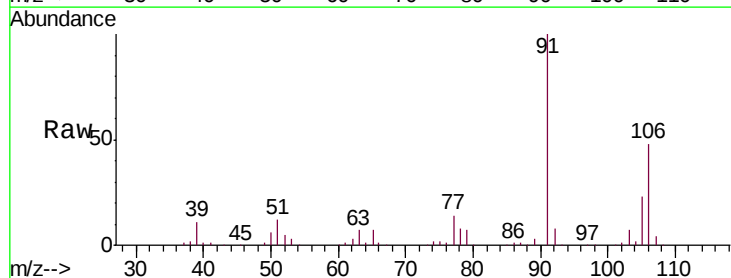
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

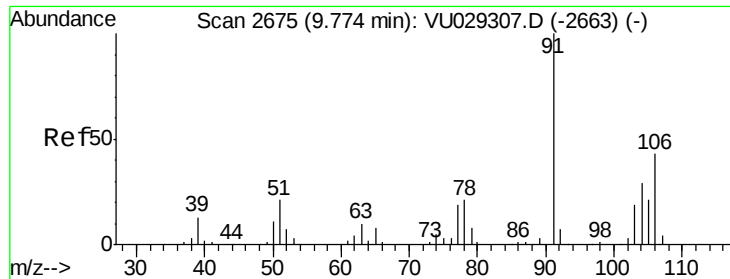
Tgt Ion: 91 Resp: 144463
Ion Ratio Lower Upper
91 100
106 30.1 23.8 35.6



#64
m/p-Xylenes
Concen: 23.973 ug/l
RT: 9.37 min Scan# 2550
Delta R.T. -0.00 min
Lab File: VU029311.D
Acq: 30 Jan 2019 12:13

Tgt Ion: 106 Resp: 112317
Ion Ratio Lower Upper
106 100
91 212.8 174.6 261.8

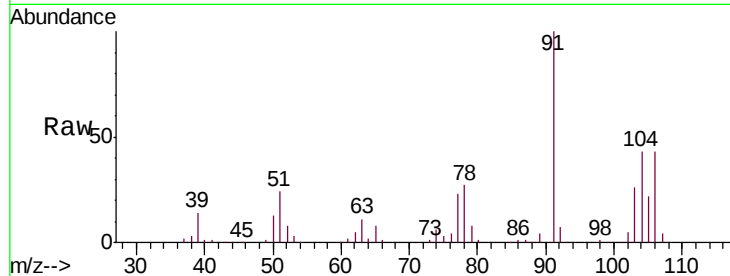




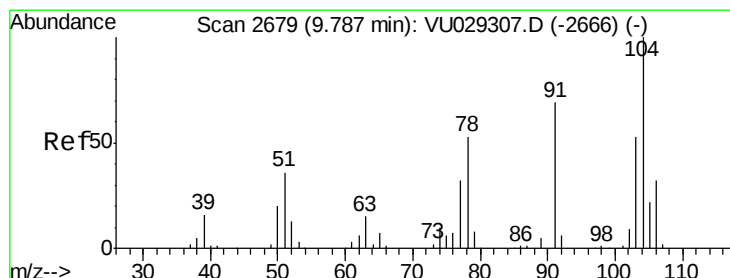
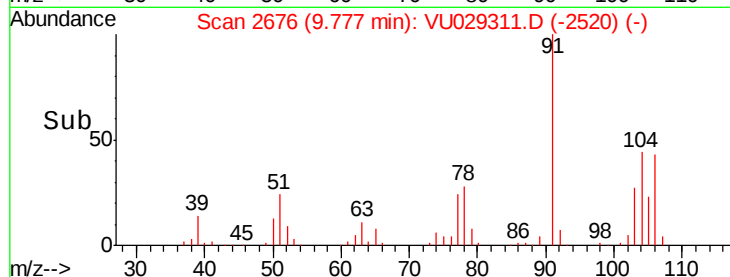
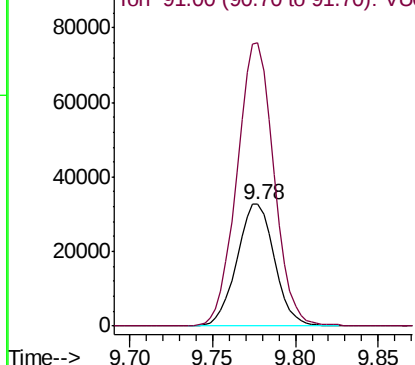
#65
o-Xylene
Concen: 11.464 ug/l
RT: 9.78 min Scan# 2676
Delta R.T. 0.00 min
Lab File: VU029311.D
Acq: 30 Jan 2019 12:13

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion:106 Resp: 51502
Ion Ratio Lower Upper
106 100
91 228.7 114.5 343.4

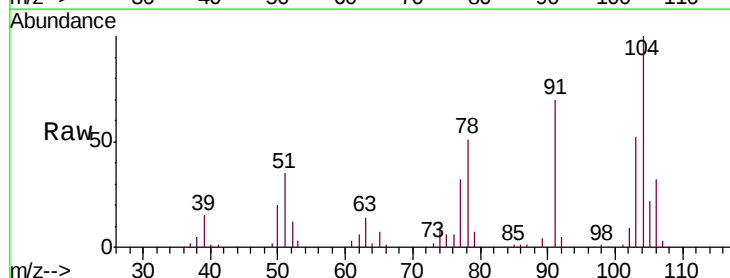


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

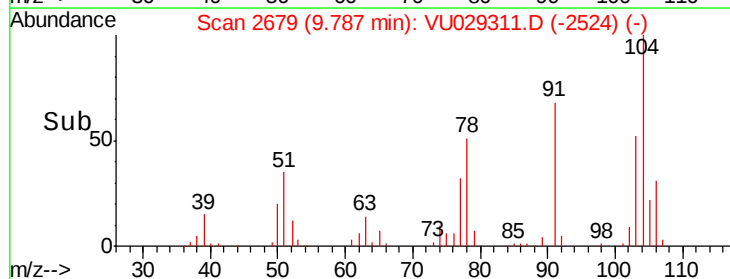
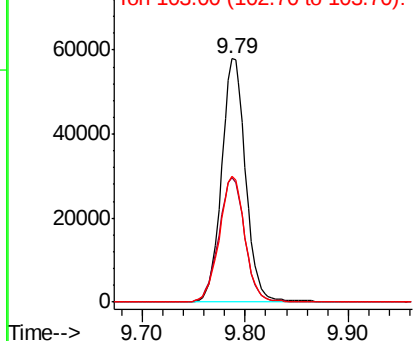


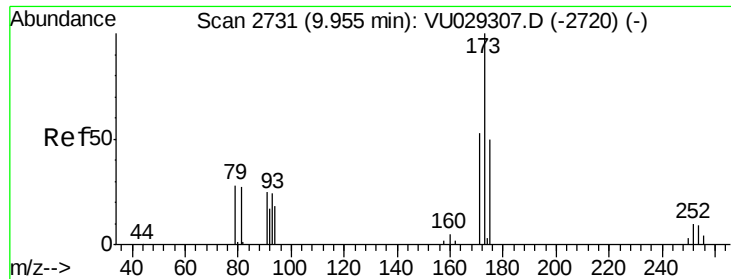
#66
Styrene
Concen: 12.157 ug/l
RT: 9.79 min Scan# 2679
Delta R.T. -0.00 min
Lab File: VU029311.D
Acq: 30 Jan 2019 12:13

Tgt Ion:104 Resp: 94108
Ion Ratio Lower Upper
104 100
78 55.3 46.5 69.7
103 54.5 44.7 67.1



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VU0
Ion 103.00 (102.70 to 103.70): V

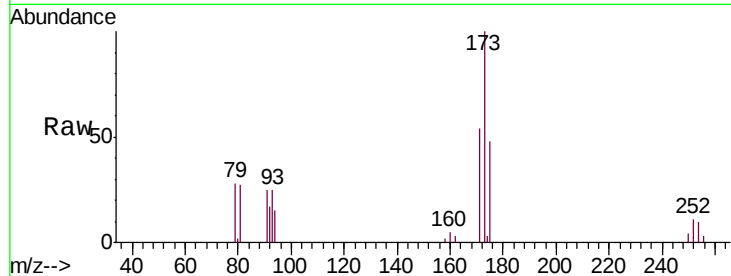




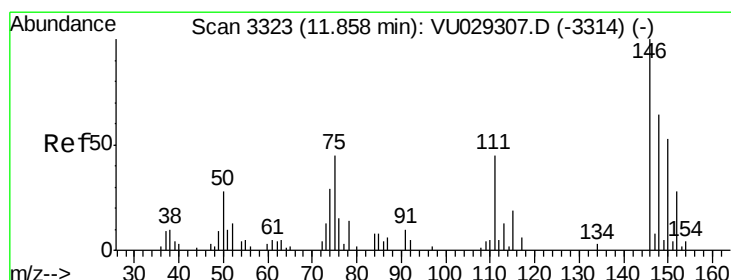
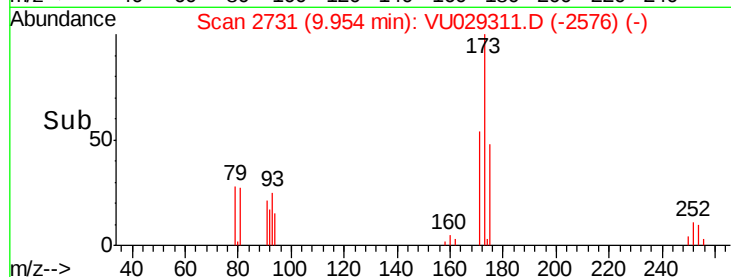
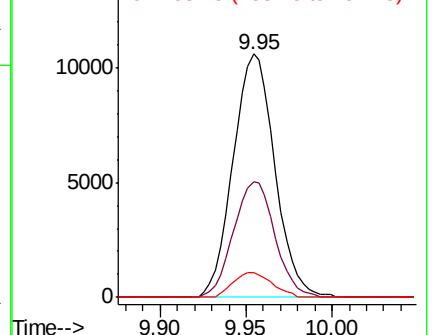
#67
Bromoform
Concen: 11.305 ug/l
RT: 9.95 min Scan# 2731
Delta R.T. -0.00 min
Lab File: VU029311.D
Acq: 30 Jan 2019 12:13

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion:173 Resp: 17831
Ion Ratio Lower Upper
173 100
175 47.2 38.9 58.3
254 9.6 7.4 11.2

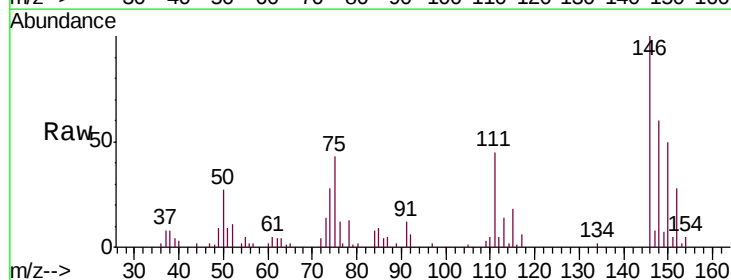


Abundance Ion 172.90 (172.60 to 173.60): V
Ion 174.90 (174.60 to 175.60): V
Ion 253.75 (253.45 to 254.45): V

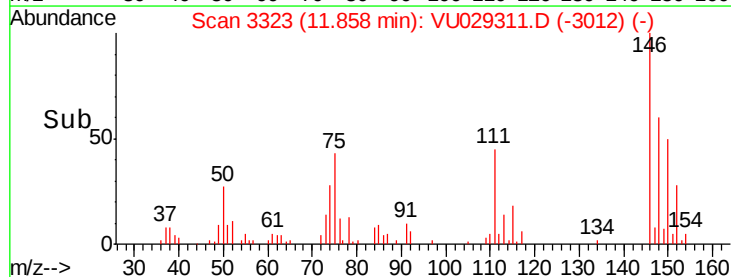
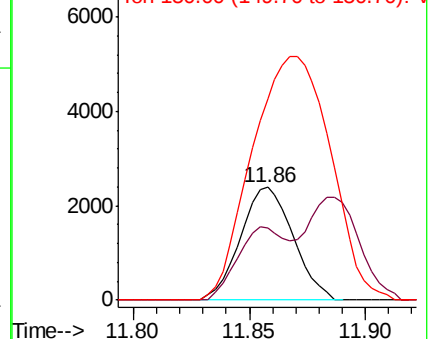


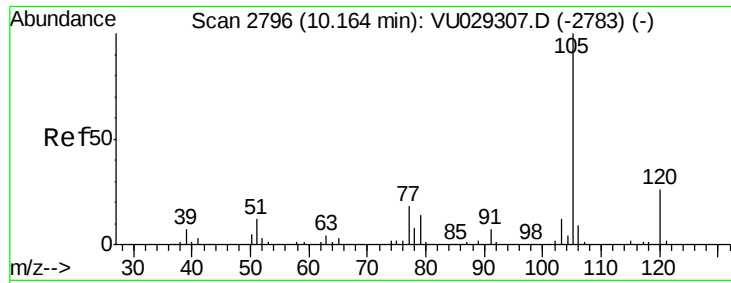
#68
1,2-Dichlorobenzene-d4
Concen: 11.305 ug/l
RT: 11.86 min Scan# 3323
Delta R.T. -0.00 min
Lab File: VU029311.D
Acq: 30 Jan 2019 12:13

Tgt Ion:152 Resp: 3781
Ion Ratio Lower Upper
152 100
115 59.5 0.0 133.4
150 321.4 0.0 670.8



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: 11.501 ug/l

RT: 10.16 min Scan# 2796

Delta R.T. -0.00 min

Lab File: VU029311.D

Acq: 30 Jan 2019 12:13

Instrument :

MSVOA_U

ClientSampleId :

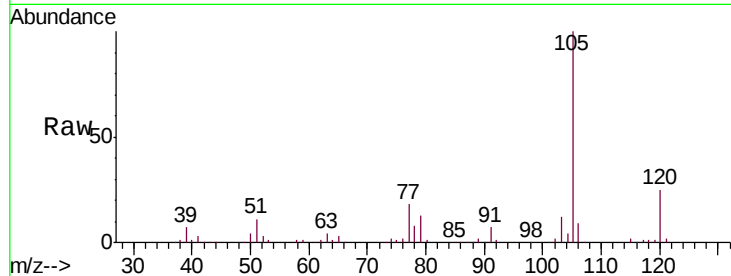
VSTDCCC010

Tgt Ion:105 Resp: 142994

Ion Ratio Lower Upper

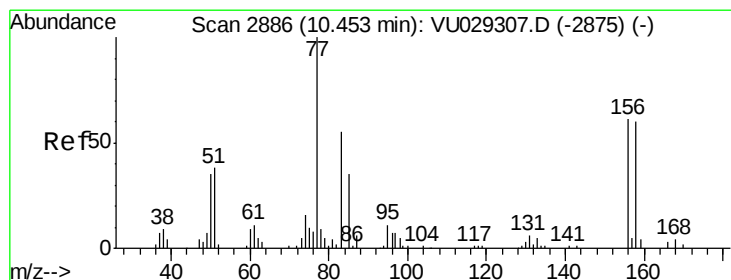
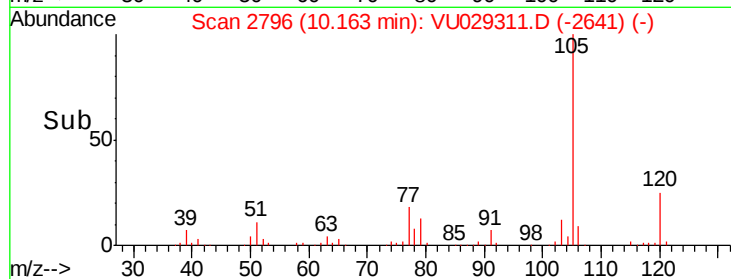
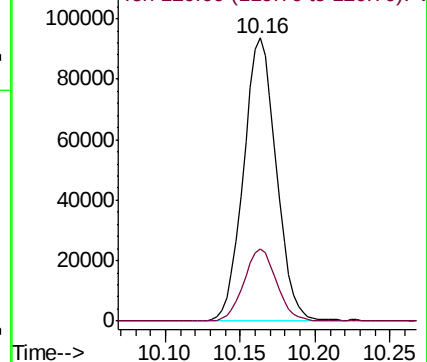
105 100

120 25.3 12.6 37.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#70

1,1,2,2-Tetrachloroethane

Concen: 10.323 ug/l

RT: 10.45 min Scan# 2886

Delta R.T. -0.00 min

Lab File: VU029311.D

Acq: 30 Jan 2019 12:13

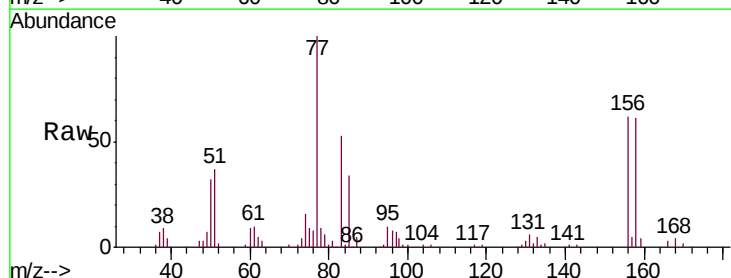
Tgt Ion: 83 Resp: 27916

Ion Ratio Lower Upper

83 100

131 10.7 8.1 12.1

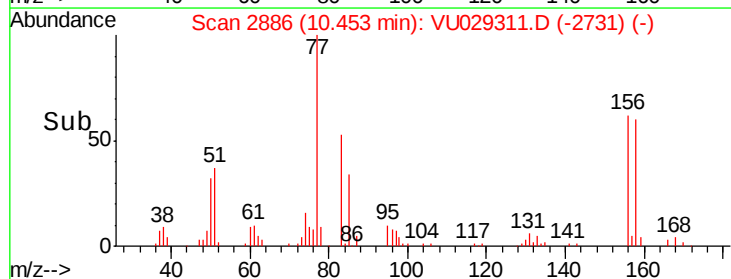
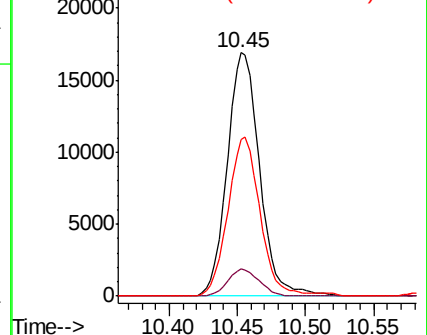
85 64.7 50.3 75.5

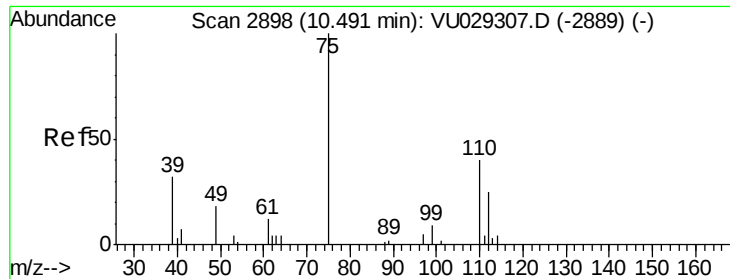


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VU0

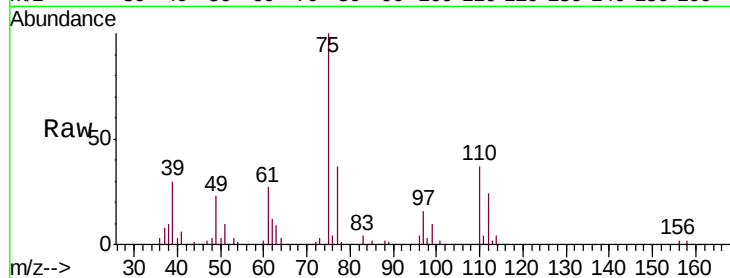




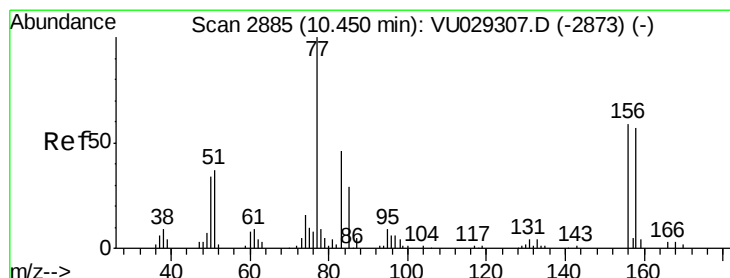
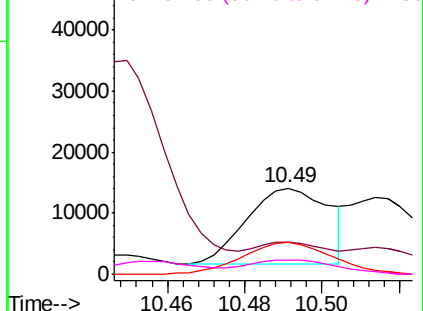
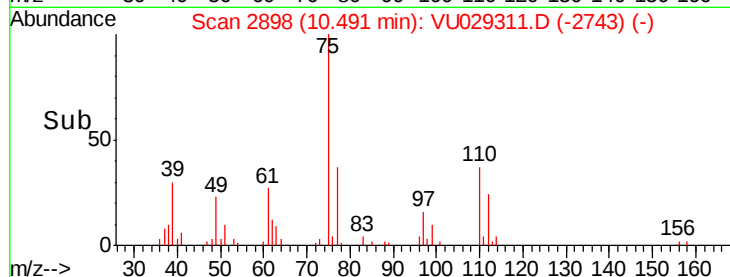
#71
 1,2,3-Trichloropropane
 Concen: 8.036 ug/l
 RT: 10.49 min Scan# 2898
 Delta R.T. -0.00 min
 Lab File: VU029311.D
 Acq: 30 Jan 2019 12:13

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 75 Resp: 18448
 Ion Ratio Lower Upper
 75 100
 77 11.1 0.0 0.0#
 110 45.5 0.0 63.6
 97 19.7 0.0 31.4

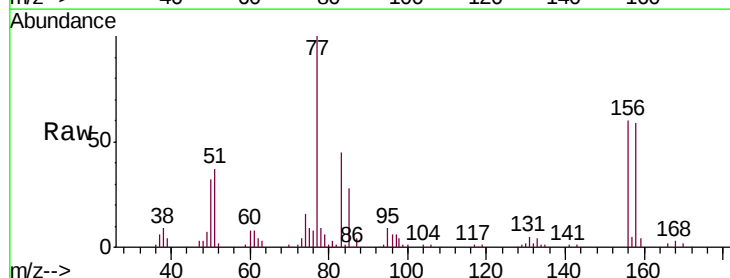


Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 77.00 (76.70 to 77.70): VU0
 Ion 110.00 (109.70 to 110.70): V
 Ion 97.00 (96.70 to 97.70): VU0

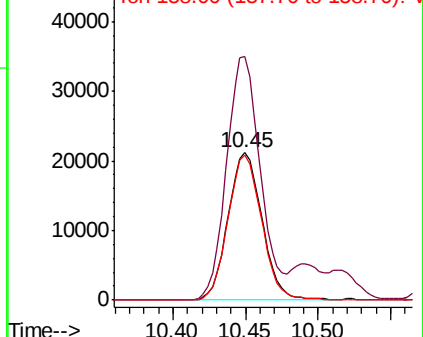
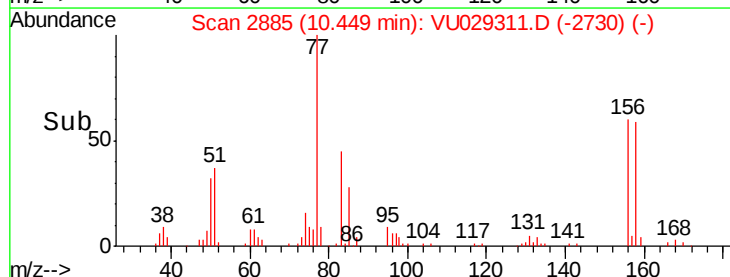


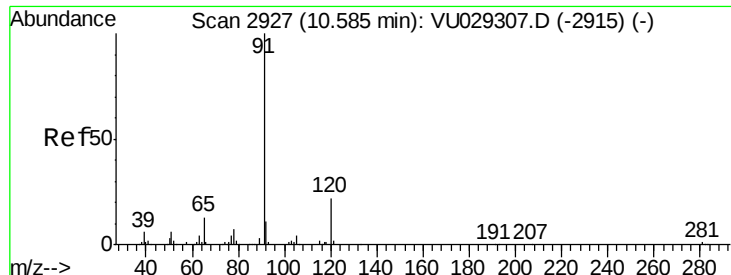
#72
 Bromobenzene
 Concen: 11.302 ug/l
 RT: 10.45 min Scan# 2885
 Delta R.T. -0.00 min
 Lab File: VU029311.D
 Acq: 30 Jan 2019 12:13

Tgt Ion: 156 Resp: 34668
 Ion Ratio Lower Upper
 156 100
 77 164.0 0.0 343.8
 158 96.8 0.0 195.0



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

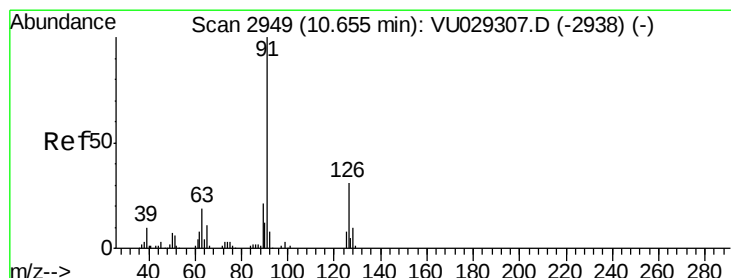
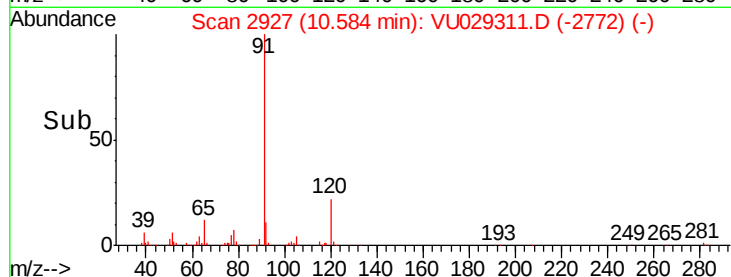
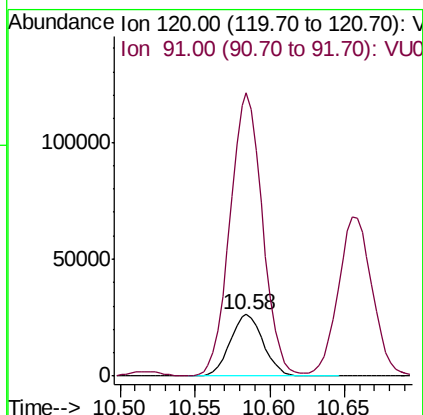
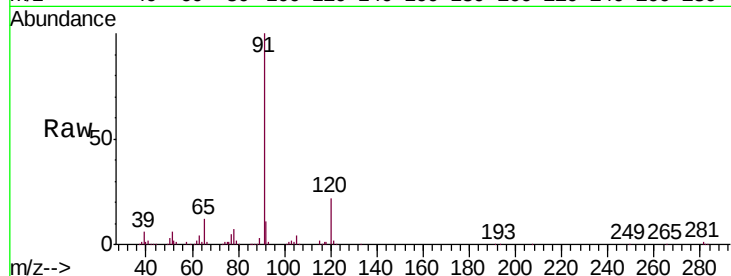




#73
n-propylbenzene
Concen: 12.150 ug/l
RT: 10.58 min Scan# 2927
Delta R.T. -0.00 min
Lab File: VU029311.D
Acq: 30 Jan 2019 12:13

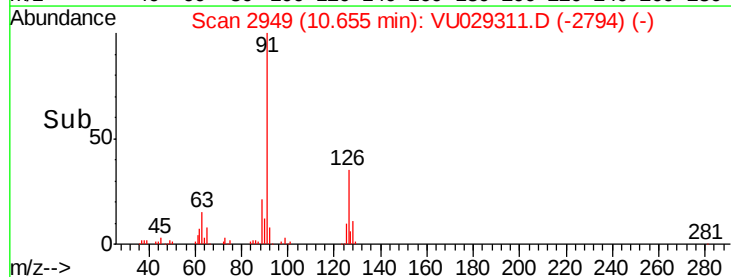
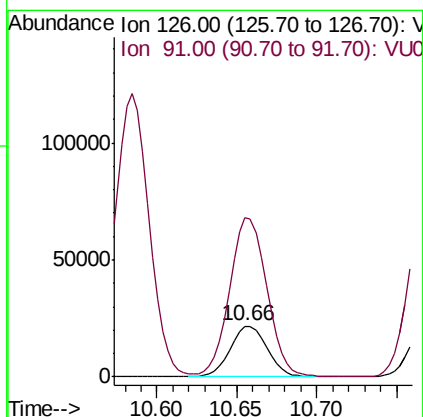
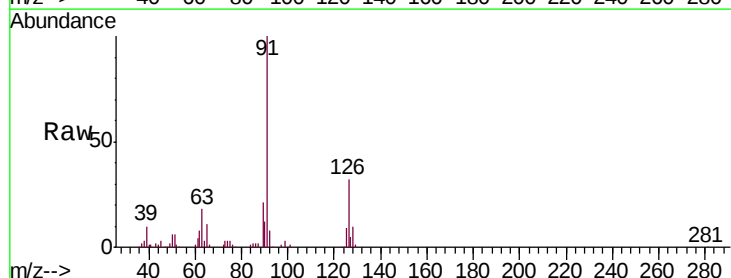
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

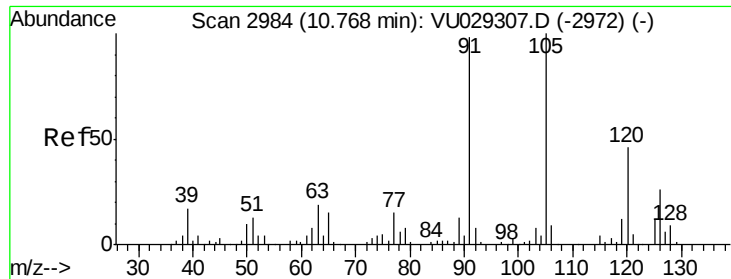
Tgt Ion:120 Resp: 40641
Ion Ratio Lower Upper
120 100
91 449.0 370.0 555.0



#74
2-Chlorotoluene
Concen: 11.792 ug/l
RT: 10.66 min Scan# 2949
Delta R.T. -0.00 min
Lab File: VU029311.D
Acq: 30 Jan 2019 12:13

Tgt Ion:126 Resp: 34362
Ion Ratio Lower Upper
126 100
91 310.9 0.0 643.0





#75

1,3,5-Trimethylbenzene

Concen: 11.945 ug/l

RT: 10.77 min Scan# 2984

Delta R.T. -0.00 min

Lab File: VU029311.D

Acq: 30 Jan 2019 12:13

Instrument :

MSVOA_U

ClientSampleId :

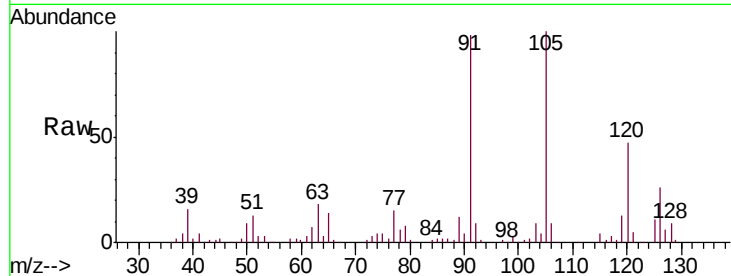
VSTDCCC010

Tgt Ion:105 Resp: 131591

Ion Ratio Lower Upper

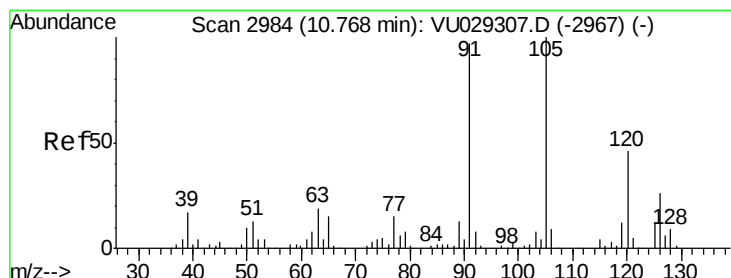
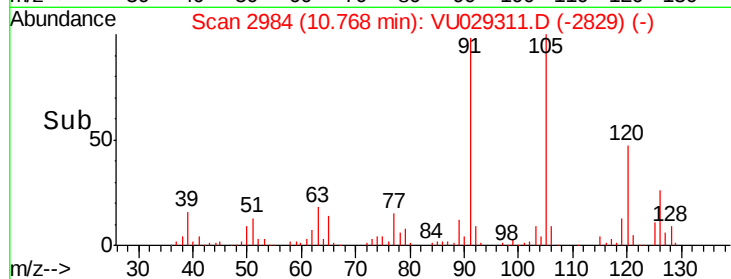
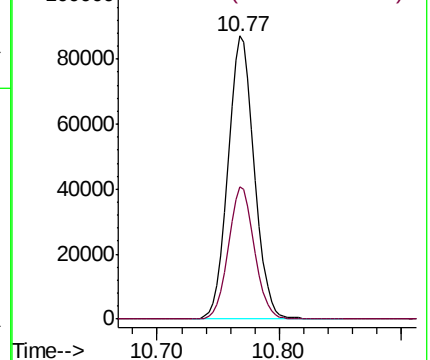
105 100

120 46.3 37.3 55.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#76

4-Chlorotoluene

Concen: 11.529 ug/l

RT: 10.77 min Scan# 2985

Delta R.T. 0.00 min

Lab File: VU029311.D

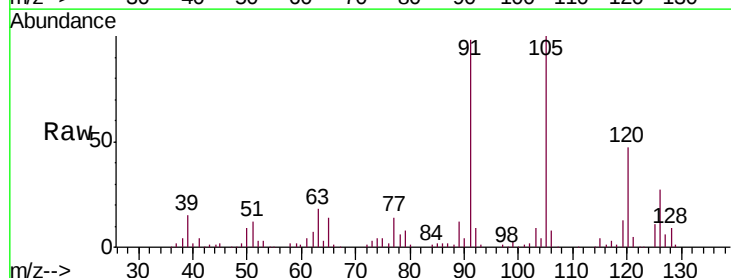
Acq: 30 Jan 2019 12:13

Tgt Ion:126 Resp: 35646

Ion Ratio Lower Upper

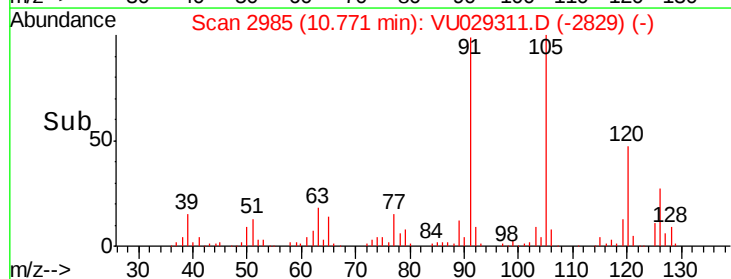
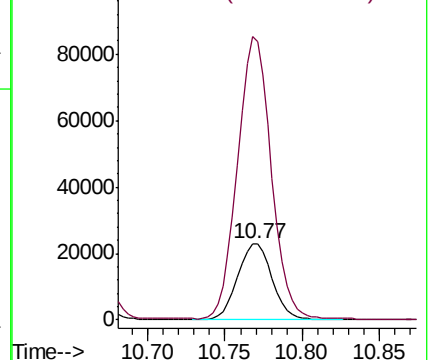
126 100

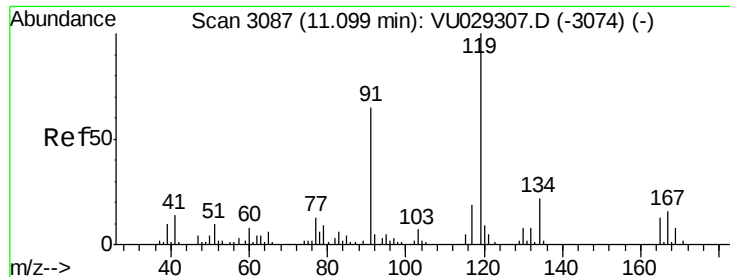
91 365.2 0.0 727.4



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0

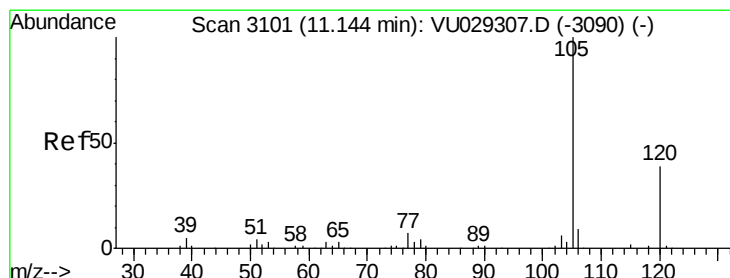
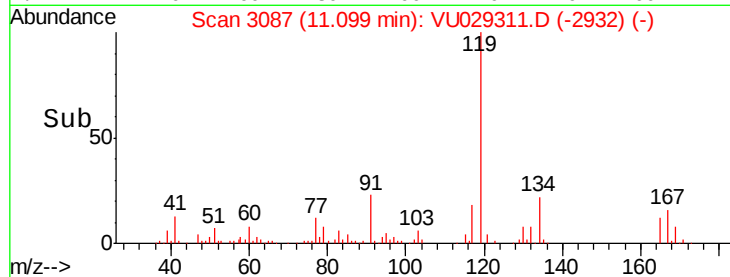
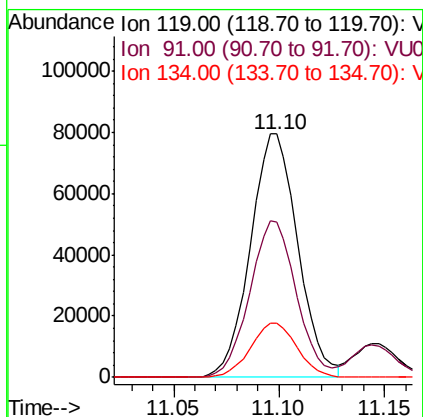
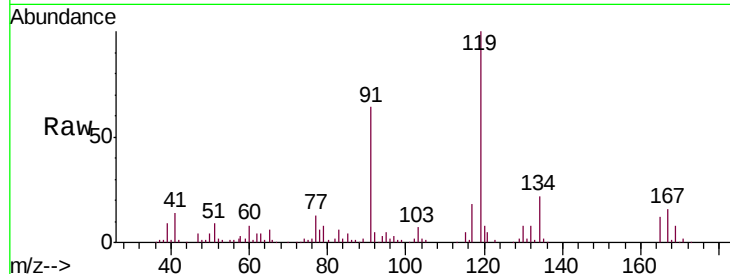




#77
 tert-Butylbenzene
 Concen: 11.760 ug/l
 RT: 11.10 min Scan# 3087
 Delta R.T. -0.00 min
 Lab File: VU029311.D
 Acq: 30 Jan 2019 12:13

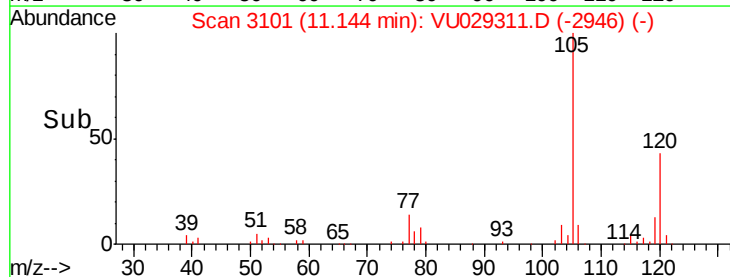
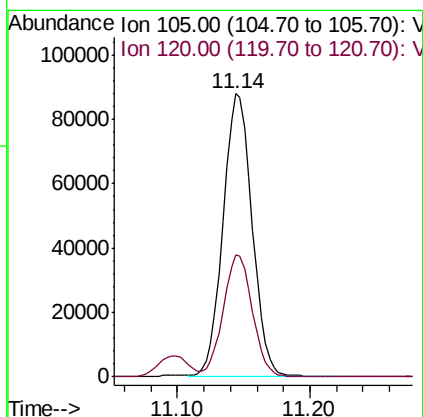
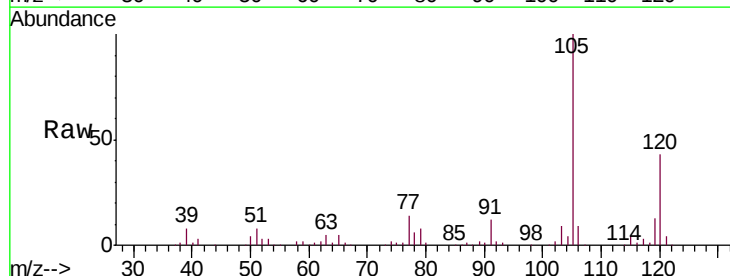
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

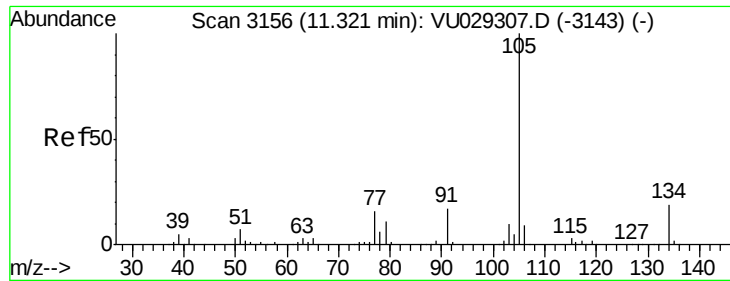
Tgt Ion:119 Resp: 124471
 Ion Ratio Lower Upper
 119 100
 91 62.9 32.2 96.6
 134 21.9 17.6 26.4



#78
 1,2,4-Trimethylbenzene
 Concen: 11.956 ug/l
 RT: 11.14 min Scan# 3101
 Delta R.T. -0.00 min
 Lab File: VU029311.D
 Acq: 30 Jan 2019 12:13

Tgt Ion:105 Resp: 134228
 Ion Ratio Lower Upper
 105 100
 120 43.0 21.4 64.3

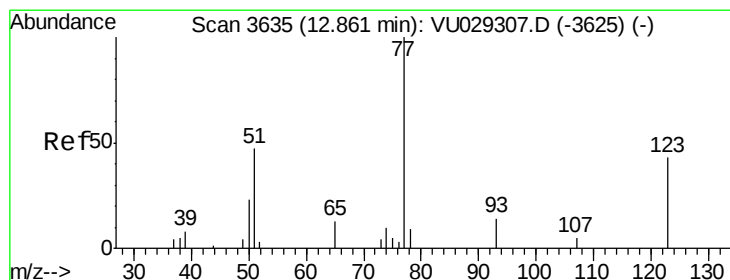
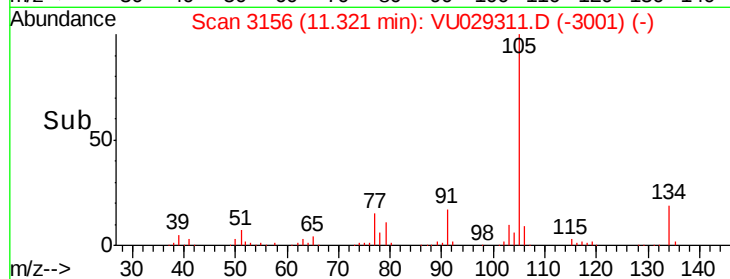
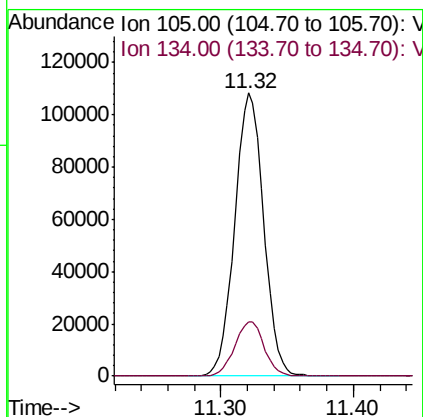
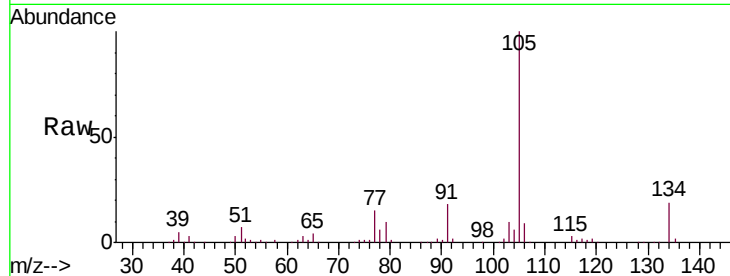




#79
 sec-Butylbenzene
 Concen: 11.827 ug/l
 RT: 11.32 min Scan# 3156
 Delta R.T. -0.00 min
 Lab File: VU029311.D
 Acq: 30 Jan 2019 12:13

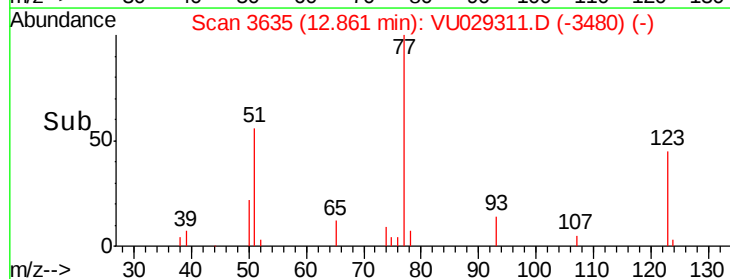
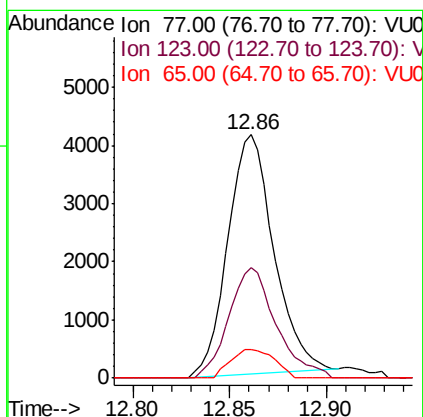
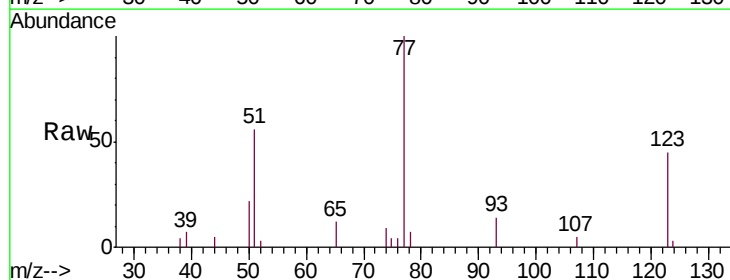
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

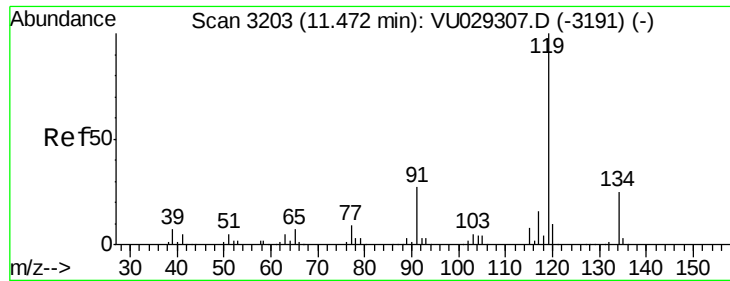
Tgt Ion: 105 Resp: 163845
 Ion Ratio Lower Upper
 105 100
 134 19.4 15.0 22.6



#80
 Nitrobenzene
 Concen: 50.166 ug/l
 RT: 12.86 min Scan# 3635
 Delta R.T. -0.00 min
 Lab File: VU029311.D
 Acq: 30 Jan 2019 12:13

Tgt Ion: 77 Resp: 6858
 Ion Ratio Lower Upper
 77 100
 123 46.9 17.5 61.9
 65 11.3 10.8 13.8





#81

p-Isopropyltoluene

Concen: 12.174 ug/l

RT: 11.47 min Scan# 3203

Delta R.T. -0.00 min

Lab File: VU029311.D

Acq: 30 Jan 2019 12:13

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

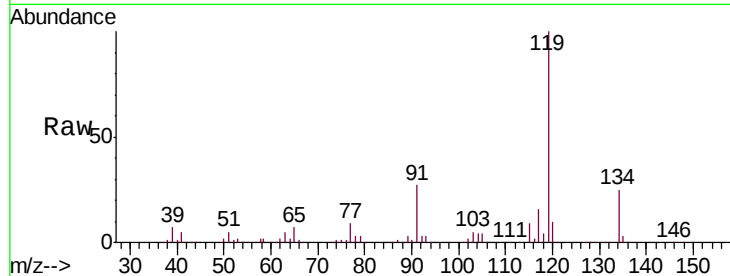
Tgt Ion:119 Resp: 142612

Ion Ratio Lower Upper

119 100

134 24.8 19.8 29.6

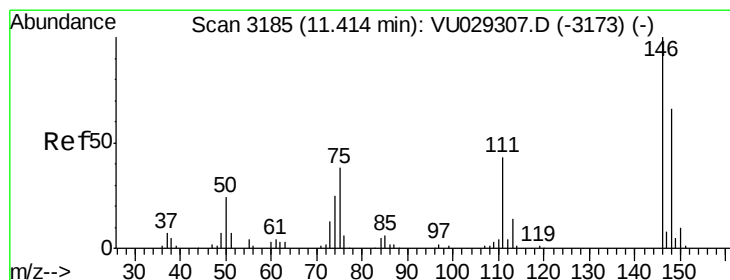
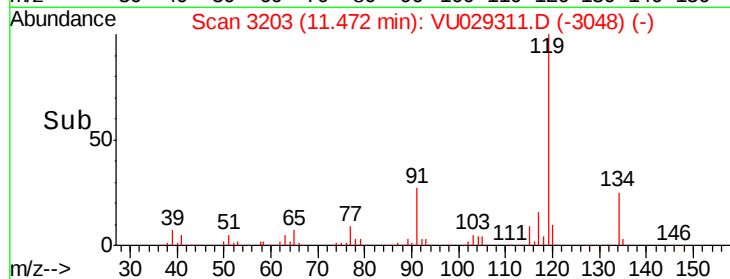
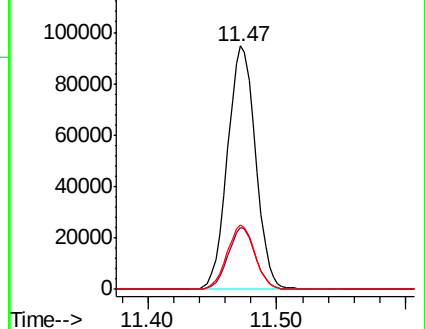
91 26.4 21.5 32.3



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VU



#82

1,3-Dichlorobenzene

Concen: 11.216 ug/l

RT: 11.41 min Scan# 3185

Delta R.T. -0.00 min

Lab File: VU029311.D

Acq: 30 Jan 2019 12:13

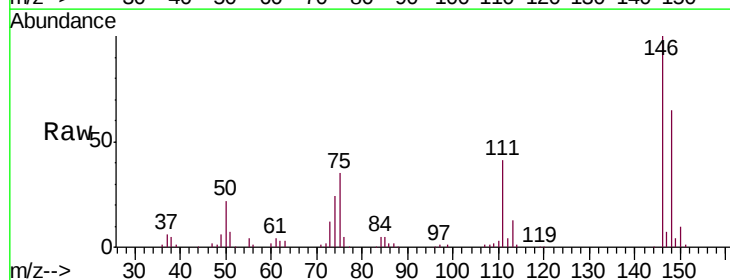
Tgt Ion:146 Resp: 71346

Ion Ratio Lower Upper

146 100

111 41.4 34.1 51.1

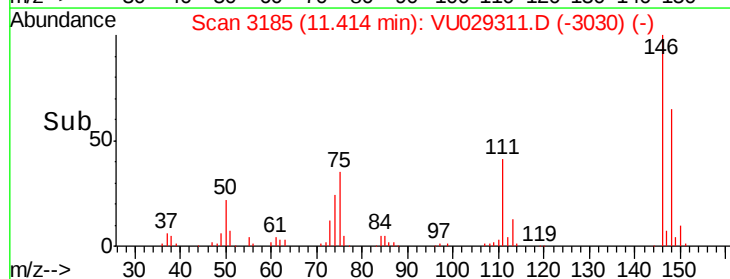
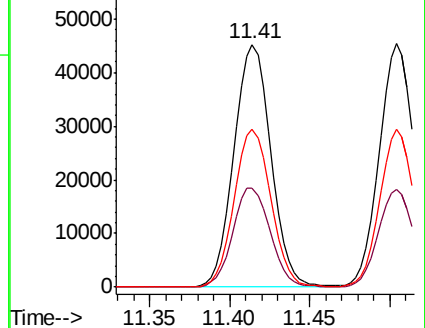
148 64.4 52.3 78.5

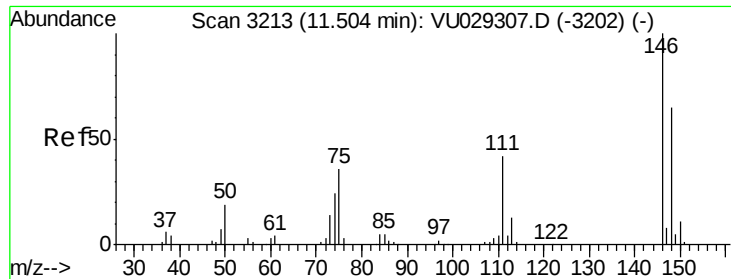


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

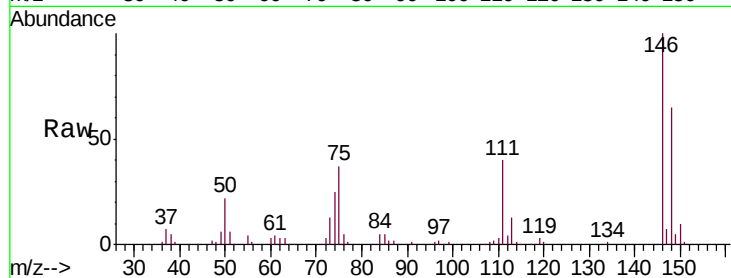




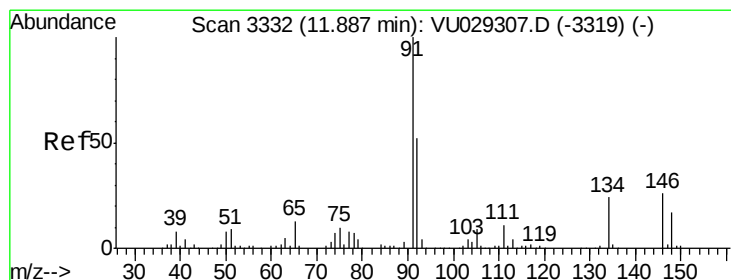
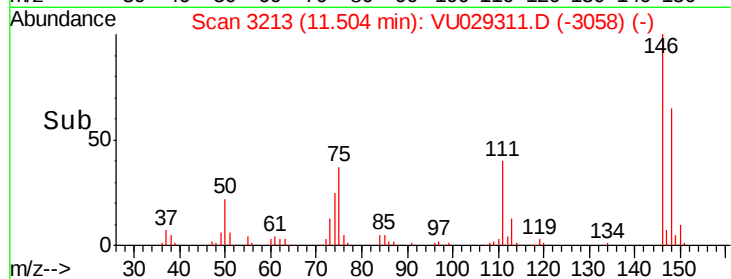
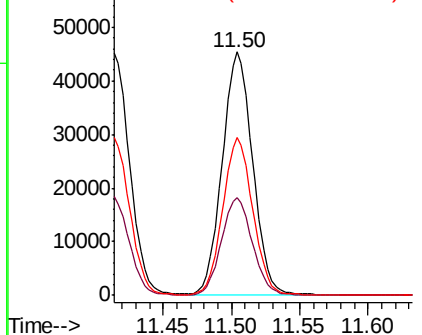
#83
 1,4-Dichlorobenzene
 Concen: 11.037 ug/l
 RT: 11.50 min Scan# 3213
 Delta R.T. -0.00 min
 Lab File: VU029311.D
 Acq: 30 Jan 2019 12:13

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tgt Ion:146 Resp: 70726
 Ion Ratio Lower Upper
 146 100
 111 40.6 32.9 49.3
 148 63.9 51.8 77.6

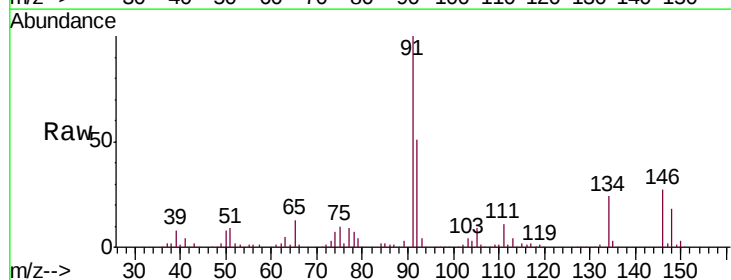


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

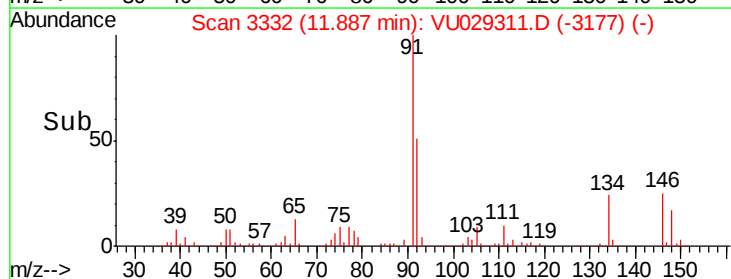
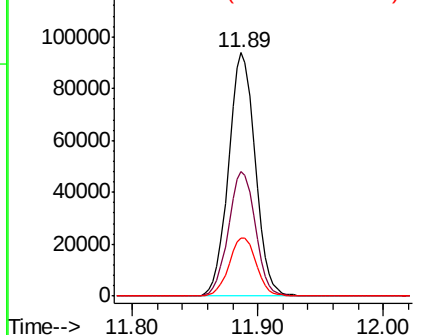


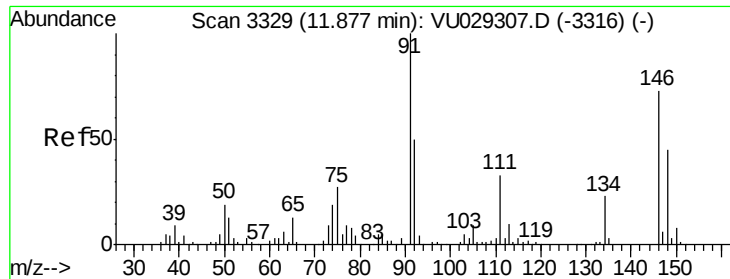
#84
 n-Butylbenzene
 Concen: 12.142 ug/l
 RT: 11.89 min Scan# 3332
 Delta R.T. -0.00 min
 Lab File: VU029311.D
 Acq: 30 Jan 2019 12:13

Tgt Ion: 91 Resp: 138233
 Ion Ratio Lower Upper
 91 100
 92 51.9 41.0 61.6
 134 24.5 19.1 28.7



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

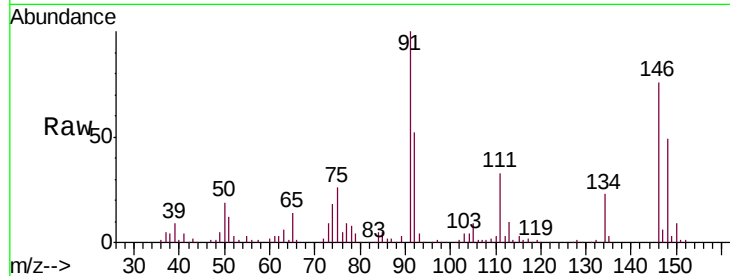




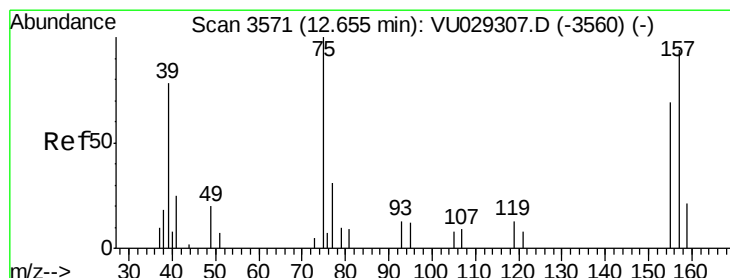
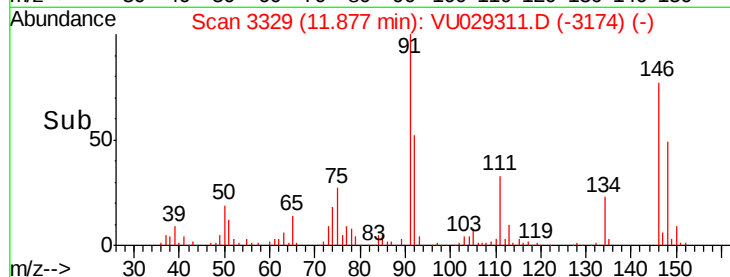
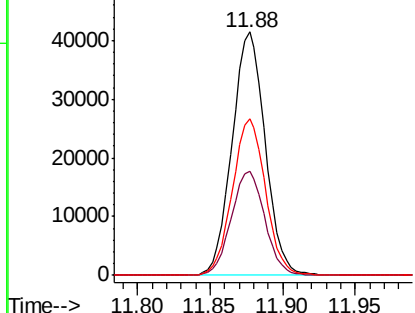
#85
 1,2-Dichlorobenzene
 Concen: 11.434 ug/l
 RT: 11.88 min Scan# 3329
 Delta R.T. -0.00 min
 Lab File: VU029311.D
 Acq: 30 Jan 2019 12:13

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 146 Resp: 65827
 Ion Ratio Lower Upper
 146 100
 111 43.0 21.9 65.8
 148 64.2 31.8 95.3

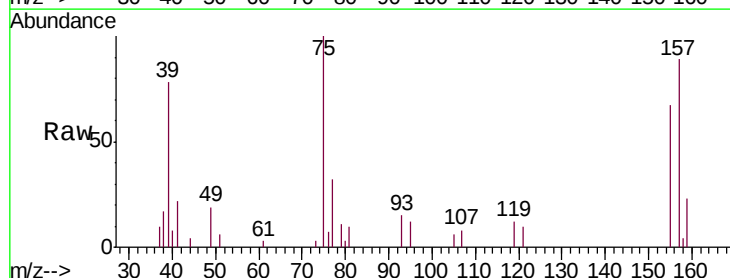


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

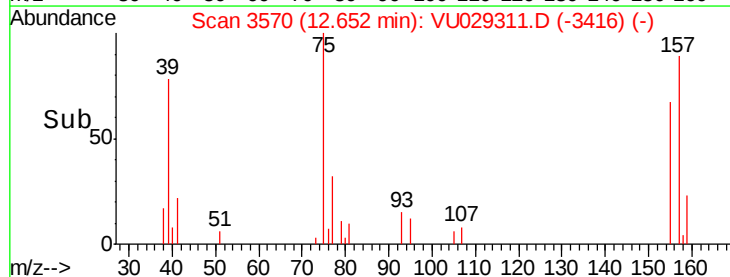
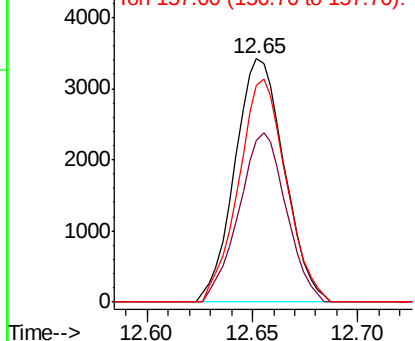


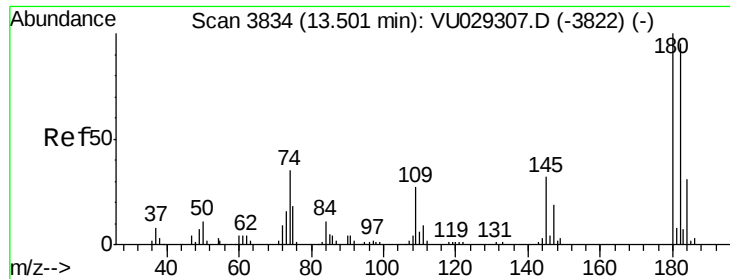
#86
 1,2-Dibromo-3-Chloropropane
 Concen: 11.229 ug/l
 RT: 12.65 min Scan# 3570
 Delta R.T. -0.00 min
 Lab File: VU029311.D
 Acq: 30 Jan 2019 12:13

Tgt Ion: 75 Resp: 5574
 Ion Ratio Lower Upper
 75 100
 155 66.5 53.8 80.8
 157 88.1 69.2 103.8



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

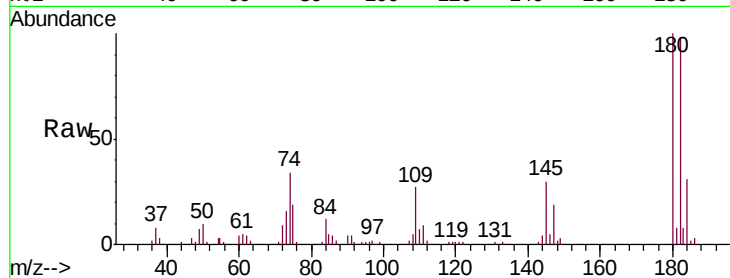




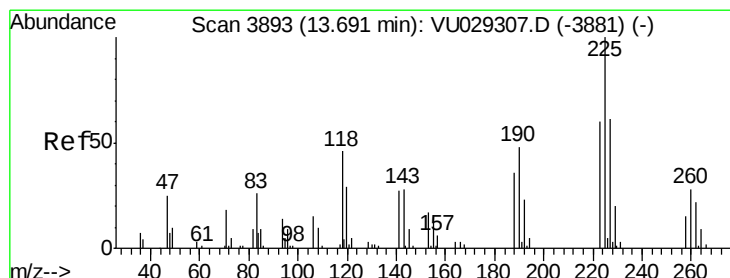
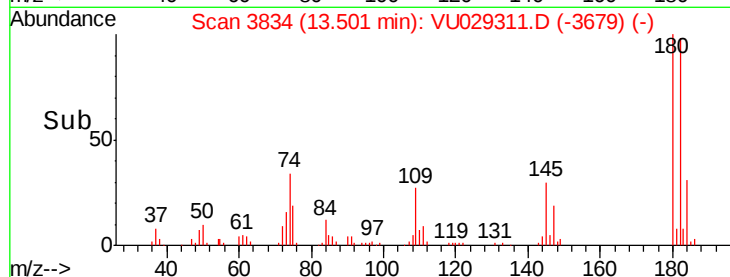
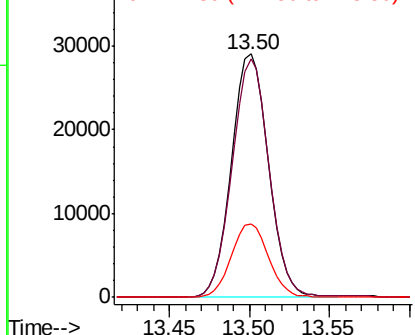
#87
 1,2,4-Trichlorobenzene
 Concen: 11.752 ug/l
 RT: 13.50 min Scan# 3834
 Delta R.T. -0.00 min
 Lab File: VU029311.D
 Acq: 30 Jan 2019 12:13

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tgt Ion:180 Resp: 45758
 Ion Ratio Lower Upper
 180 100
 182 97.6 76.6 114.8
 145 30.2 24.6 36.8

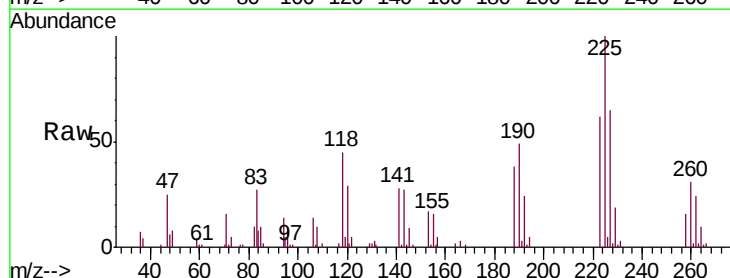


Abundance Ion 179.70 (179.40 to 180.40): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

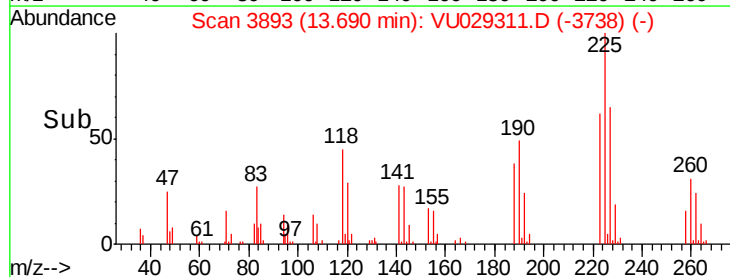
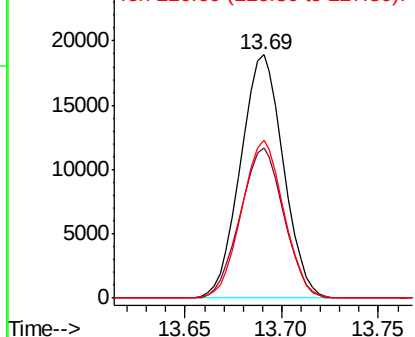


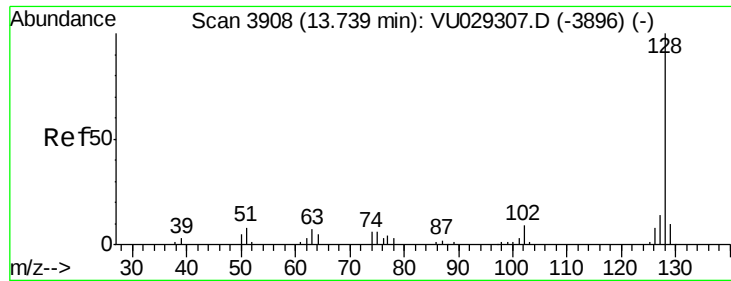
#88
 Hexachlorobutadiene
 Concen: 11.767 ug/l
 RT: 13.69 min Scan# 3893
 Delta R.T. -0.00 min
 Lab File: VU029311.D
 Acq: 30 Jan 2019 12:13

Tgt Ion:225 Resp: 29229
 Ion Ratio Lower Upper
 225 100
 223 62.7 49.5 74.3
 227 64.0 50.4 75.6



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

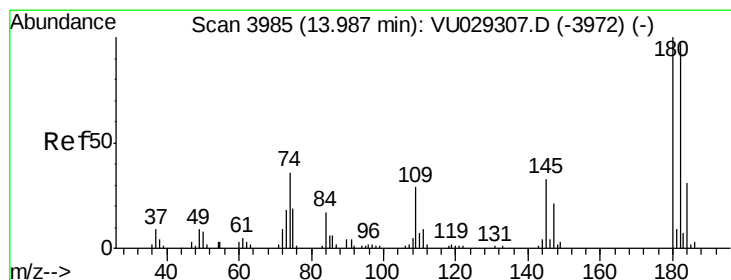
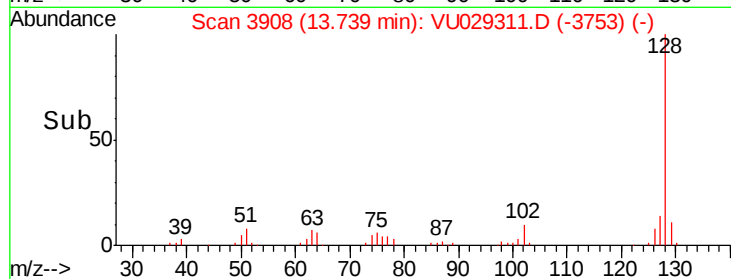
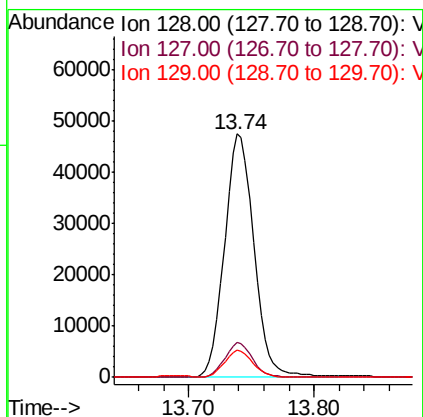
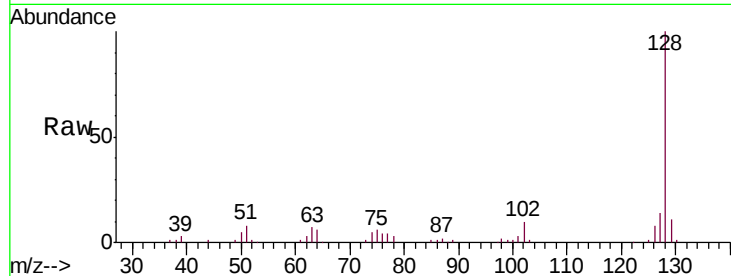




#89
Naphthalene
Concen: 12.406 ug/l
RT: 13.74 min Scan# 3908
Delta R.T. -0.00 min
Lab File: VU029311.D
Acq: 30 Jan 2019 12:13

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion:128 Resp: 77566
Ion Ratio Lower Upper
128 100
127 13.3 10.7 16.1
129 10.6 8.2 12.4



#90
1,2,3-Trichlorobenzene
Concen: 11.736 ug/l
RT: 13.99 min Scan# 3985
Delta R.T. -0.00 min
Lab File: VU029311.D
Acq: 30 Jan 2019 12:13

Tgt Ion:180 Resp: 42503
Ion Ratio Lower Upper
180 100
182 97.2 78.0 117.0
145 33.0 26.6 39.8

