

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092818\
 Data File : VU027309.D
 Acq On : 29 Sep 2018 06:34
 Operator : MD/SY
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 29 07:06:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U092218W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 22 01:31:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	85285	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	146219	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	139459	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	76666	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	77938	45.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.82%	
35) Dibromofluoromethane	4.88	113	56539	44.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.22%	
50) Toluene-d8	7.57	98	211875	43.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.72%	
62) 4-Bromofluorobenzene	10.31	95	79893	48.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.40%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.21	85	56171	50.445	ug/l	100
3) Chloromethane	1.33	50	83664	43.579	ug/l	100
4) Vinyl Chloride	1.40	62	84709	47.269	ug/l	98
5) Bromomethane	1.61	94	68305	66.933	ug/l	99
6) Chloroethane	1.69	64	51312	44.814	ug/l	100
7) Trichlorofluoromethane	1.88	101	92178	45.289	ug/l	100
8) Diethyl Ether	2.10	74	45086	46.021	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.29	101	53698	42.908	ug/l	99
10) Methyl Iodide	2.41	142	47820	30.809	ug/l	100
11) Tert butyl alcohol	2.83	59	91173	231.736	ug/l	98
12) 1,1-Dichloroethene	2.28	96	51319	43.568	ug/l	97
13) Acrolein	2.19	56	41858	197.362	ug/l	99
14) Allyl chloride	2.59	41	124409	52.074	ug/l	97
15) Acrylonitrile	2.94	53	246624	248.712	ug/l	99
16) Acetone	2.32	43	208147	226.741	ug/l	100
17) Carbon Disulfide	2.48	76	180895	47.142	ug/l	100
18) Methyl Acetate	2.61	43	137409	56.243	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	225914	52.192	ug/l	99
20) Methylene Chloride	2.70	84	70333	45.752	ug/l	99
21) trans-1,2-Dichloroethene	2.98	96	61420	48.838	ug/l	98
22) Diisopropyl ether	3.57	45	277245	54.255	ug/l	97
23) Vinyl Acetate	3.52	43	1173037	269.298	ug/l	99
24) 1,1-Dichloroethane	3.45	63	141005	50.101	ug/l	99
25) 2-Butanone	4.26	43	346807	240.416	ug/l	99
26) 2,2-Dichloropropane	4.23	77	84322	38.417	ug/l	98
27) cis-1,2-Dichloroethene	4.22	96	69525	48.952	ug/l	98
28) Bromochloromethane	4.55	49	68510	50.498	ug/l	96
29) Tetrahydrofuran	4.64	42	230837	264.530	ug/l	97
30) Chloroform	4.67	83	125208	47.927	ug/l	98
31) Cyclohexane	5.00	56	129841	50.761	ug/l	98
32) 1,1,1-Trichloroethane	4.92	97	103217	49.485	ug/l	99
36) 1,1-Dichloropropene	5.14	75	95442	48.908	ug/l	99
37) Ethyl Acetate	4.38	43	129560	49.043	ug/l	99
38) Carbon Tetrachloride	5.14	117	88207	47.498	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	113796	53.660	ug/l	99
40) Benzene	5.39	78	285637	48.149	ug/l	100
41) Methacrylonitrile	4.54	41	74494	54.296	ug/l	97
42) 1,2-Dichloroethane	5.40	62	107558	47.988	ug/l	100
43) Isopropyl Acetate	5.55	43	206402	53.574	ug/l	98
44) Trichloroethene	6.19	130	62369	49.384	ug/l	99
45) 1,2-Dichloropropane	6.43	63	85010	50.291	ug/l	97
46) Dibromomethane	6.56	93	49023	48.020	ug/l	99
47) Bromodichloromethane	6.76	83	98720	47.823	ug/l	98
48) Methyl methacrylate	6.62	41	103958	49.585	ug/l	98
49) 1,4-Dioxane	6.61	88	34790	835.122	ug/l	98
51) 4-Methyl-2-Pentanone	7.46	43	675550	260.713	ug/l	100
52) Toluene	7.64	92	171710	50.496	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	112514	50.730	ug/l	100
54) cis-1,3-Dichloropropene	7.27	75	120348	49.351	ug/l	99
55) 1,1,2-Trichloroethane	8.07	97	69363	48.140	ug/l	98
56) Ethyl methacrylate	8.02	69	121139	48.523	ug/l	97
57) 1,3-Dichloropropane	8.24	76	134224	50.086	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	325482	229.804	ug/l	100
59) 2-Hexanone	8.36	43	513143	252.991	ug/l	100
60) Dibromochloromethane	8.48	129	69820	49.401	ug/l	98
61) 1,2-Dibromoethane	8.59	107	72005	48.030	ug/l	100
64) Tetrachloroethene	8.23	164	53487	49.773	ug/l	97
65) Chlorobenzene	9.12	112	178524	48.279	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.21	131	63383	49.765	ug/l	100
67) Ethyl Benzene	9.25	91	328821	54.077	ug/l	99
68) m/p-Xylenes	9.38	106	243300	98.818	ug/l	99
69) o-Xylene	9.78	106	116569	54.107	ug/l	98
70) Styrene	9.79	104	196172	48.811	ug/l	100
71) Bromoform	9.96	173	51038	51.820	ug/l #	100
73) Isopropylbenzene	10.17	105	316559	54.281	ug/l	100
74) N-amyl acetate	10.01	43	184102	54.537	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	121493	45.310	ug/l	100
76) 1,2,3-Trichloropropane	10.49	75	140349	60.259	ug/l	83
77) Bromobenzene	10.45	156	71703	50.313	ug/l	98
78) n-propylbenzene	10.59	91	383212	55.534	ug/l	100
79) 2-Chlorotoluene	10.66	91	224966	51.903	ug/l	99
80) 1,3,5-Trimethylbenzene	10.77	105	264264	54.894	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.49	75	140349	192.840	ug/l #	100
82) 4-Chlorotoluene	10.77	91	260046	53.507	ug/l	99
83) tert-Butylbenzene	11.10	119	250987	52.734	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	267076	54.514	ug/l	99
85) sec-Butylbenzene	11.32	105	318957	54.899	ug/l	100
86) p-Isopropyltoluene	11.48	119	270872	49.692	ug/l	100
87) 1,3-Dichlorobenzene	11.42	146	132881	50.106	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	132874	45.971	ug/l	98
89) n-Butylbenzene	11.89	91	254332	48.216	ug/l	99
90) Hexachloroethane	12.15	117	49364	46.723	ug/l	98
91) 1,2-Dichlorobenzene	11.88	146	134063	47.589	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	27572	50.405	ug/l	99

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QLast Update : Sat Sep 22 01:31:57 2018
Response via : Initial Calibration

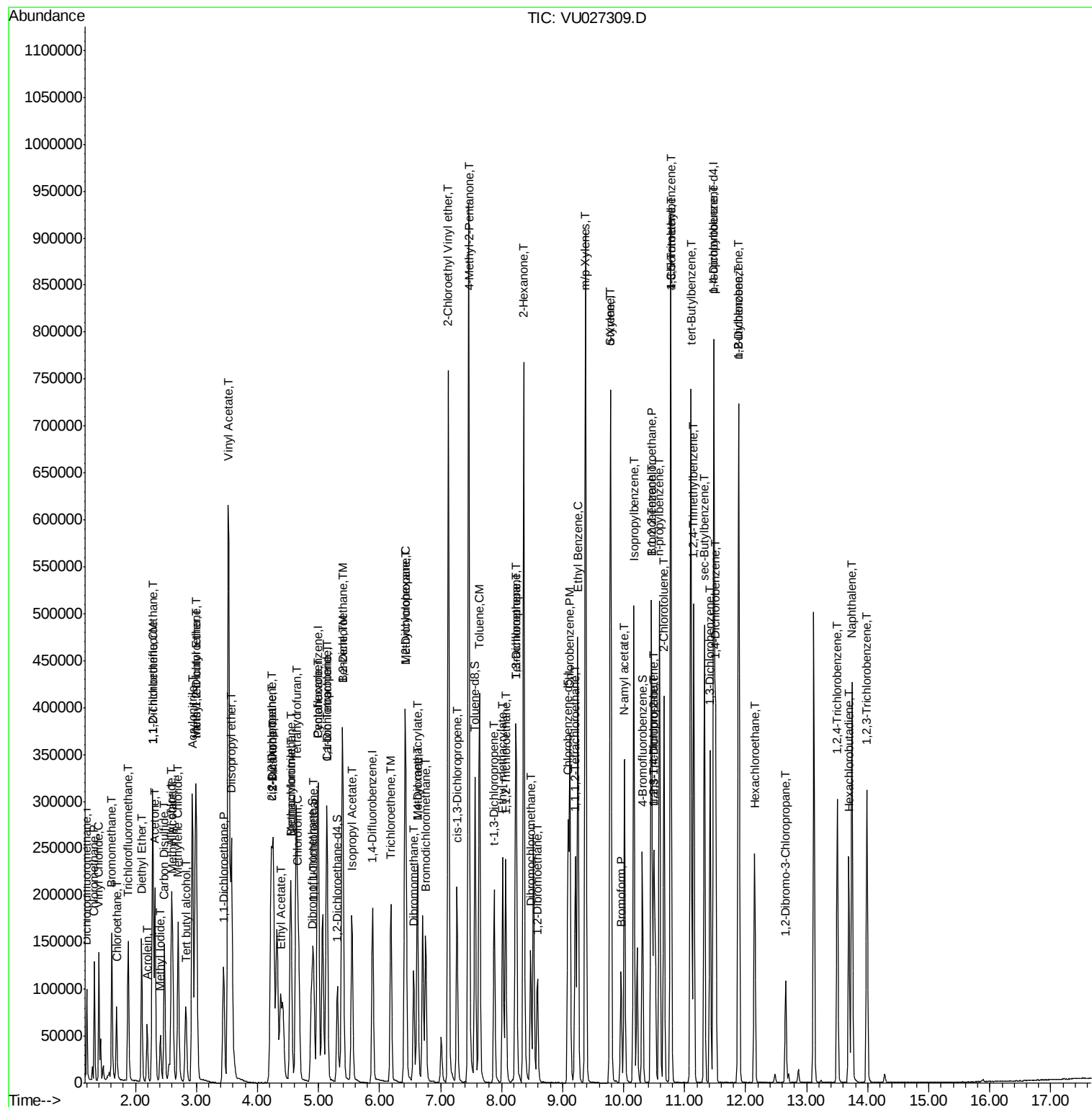
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	88731	54.658	ug/l	99
94) Hexachlorobutadiene	13.69	225	42351	49.305	ug/l	99
95) Naphthalene	13.74	128	312810	49.307	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	92867	53.344	ug/l	99

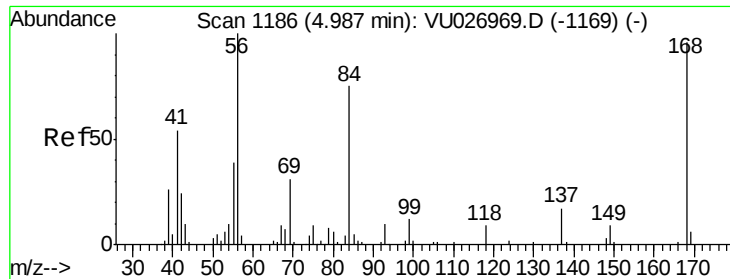
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.00 min

Lab File: VU027309.D

Acq: 29 Sep 2018 06:34

Instrument :

MSVOA_U

ClientSampleId :

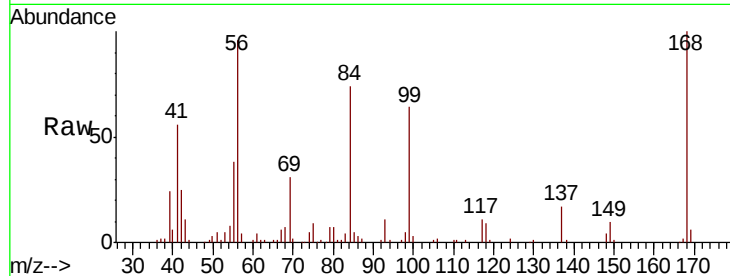
VSTDCCC050EC

Tgt Ion:168 Resp: 85285

Ion Ratio Lower Upper

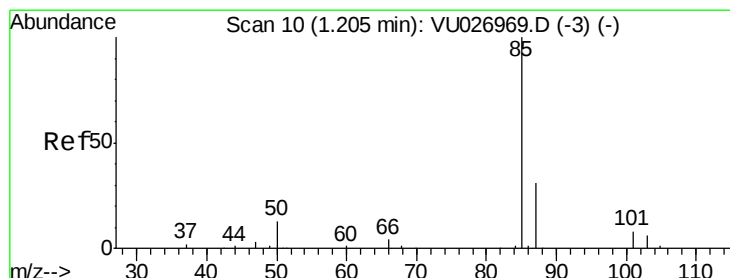
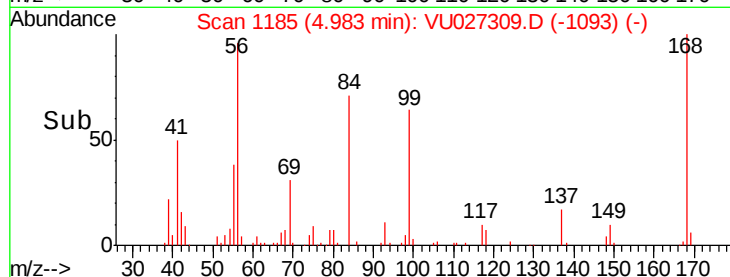
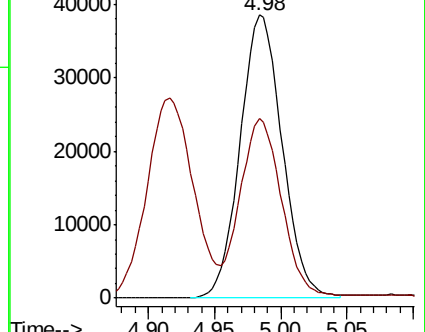
168 100

99 62.3 48.1 72.1



Abundance Ion 167.90 (167.60 to 168.60): VU026969.D (-1169) (-)

Ion 98.90 (98.60 to 99.60): VU026969.D (-1169) (-)



#2

Dichlorodifluoromethane

Concen: 50.445 ug/l

RT: 1.21 min Scan# 10

Delta R.T. 0.00 min

Lab File: VU027309.D

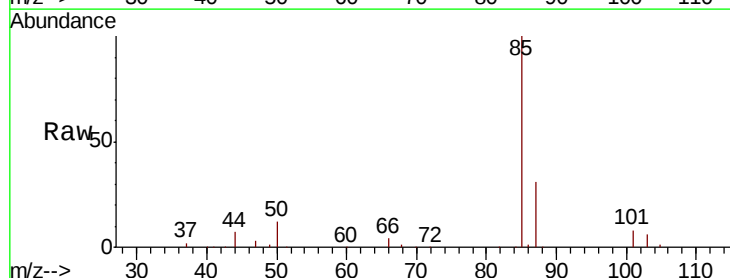
Acq: 29 Sep 2018 06:34

Tgt Ion: 85 Resp: 56171

Ion Ratio Lower Upper

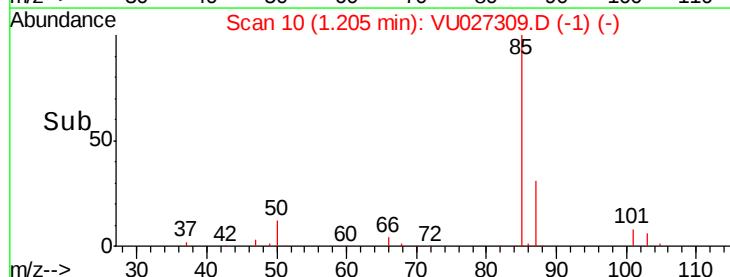
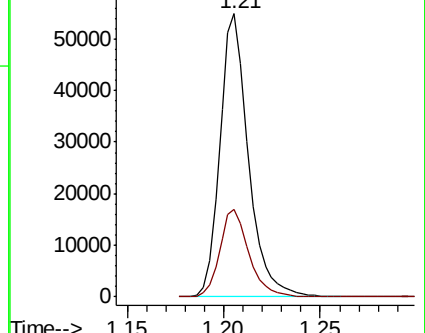
85 100

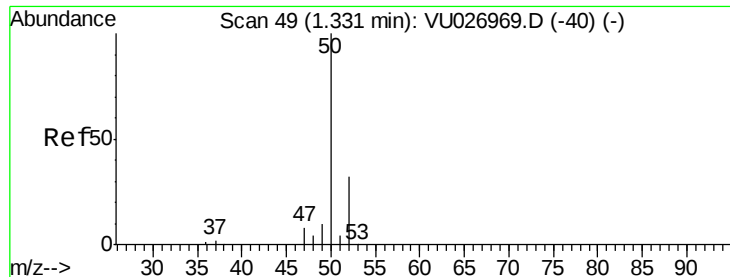
87 31.1 15.6 46.7



Abundance Ion 84.90 (84.60 to 85.60): VU026969.D (-3) (-)

Ion 86.90 (86.60 to 87.60): VU026969.D (-3) (-)





#3

Chloromethane

Concen: 43.579 ug/l

RT: 1.33 min Scan# 48

Delta R.T. -0.00 min

Lab File: VU027309.D

Acq: 29 Sep 2018 06:34

Instrument :

MSVOA_U

ClientSampleId :

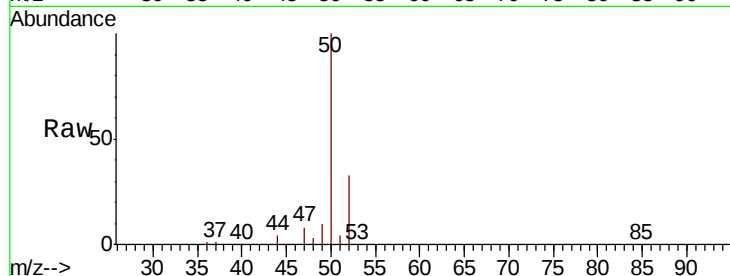
VSTDCCC050EC

Tgt Ion: 50 Resp: 83664

Ion Ratio Lower Upper

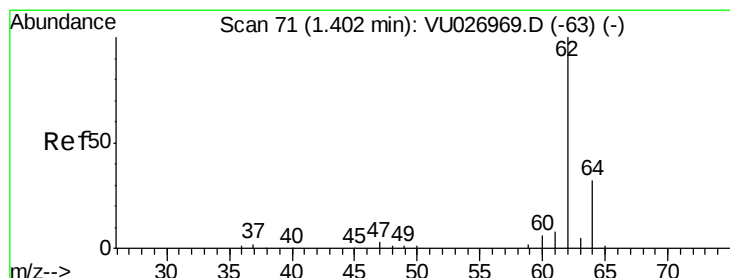
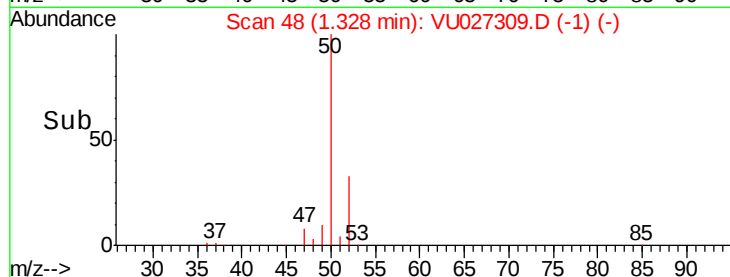
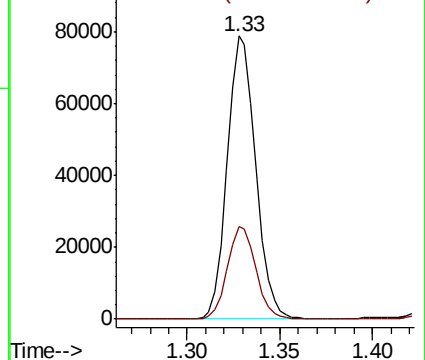
50 100

52 32.6 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VU0

Ion 51.90 (51.60 to 52.60): VU0



#4

Vinyl Chloride

Concen: 47.269 ug/l

RT: 1.40 min Scan# 71

Delta R.T. 0.00 min

Lab File: VU027309.D

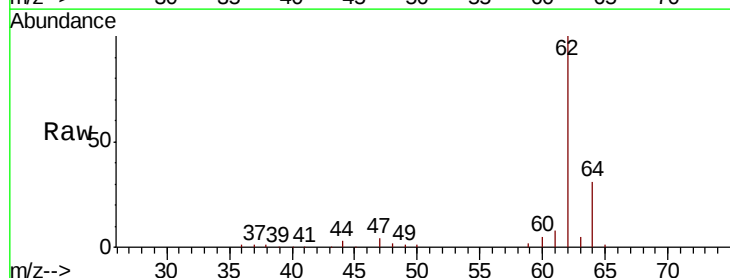
Acq: 29 Sep 2018 06:34

Tgt Ion: 62 Resp: 84709

Ion Ratio Lower Upper

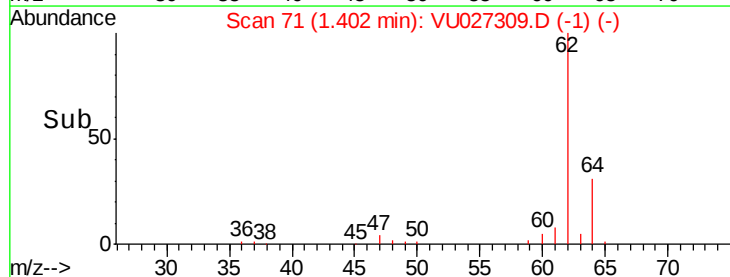
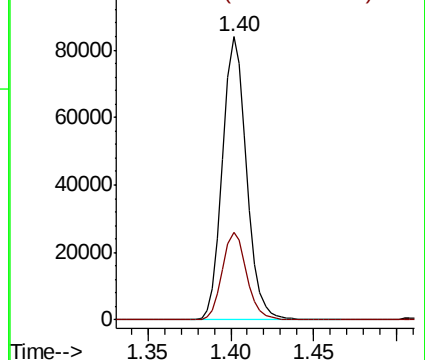
62 100

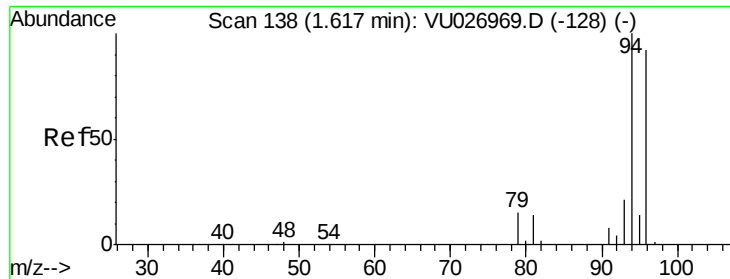
64 31.0 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 63.90 (63.60 to 64.60): VU0





#5

Bromomethane

Concen: 66.933 ug/l

RT: 1.61 min Scan# 137

Delta R.T. -0.00 min

Lab File: VU027309.D

Acq: 29 Sep 2018 06:34

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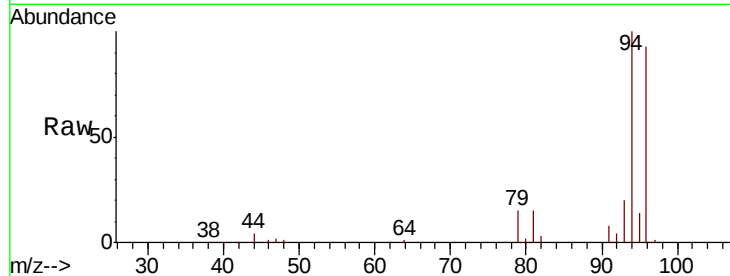
VSTDCCC050EC

Tgt Ion: 94 Resp: 68305

Ion Ratio Lower Upper

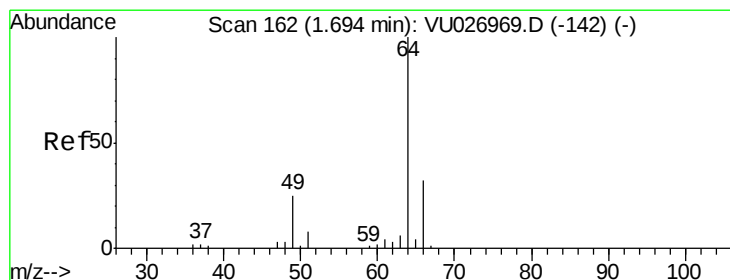
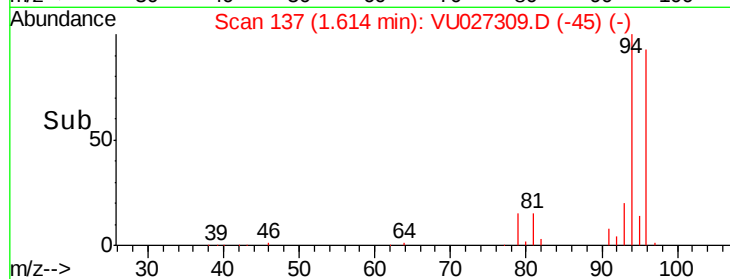
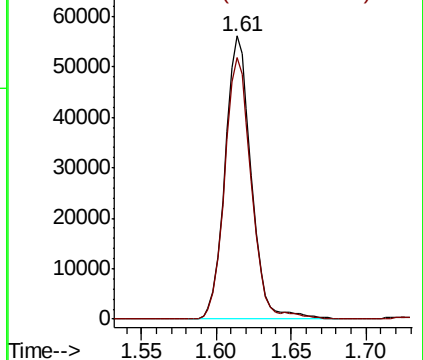
94 100

96 92.6 73.2 109.8



Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0



#6

Chloroethane

Concen: 44.814 ug/l

RT: 1.69 min Scan# 161

Delta R.T. -0.00 min

Lab File: VU027309.D

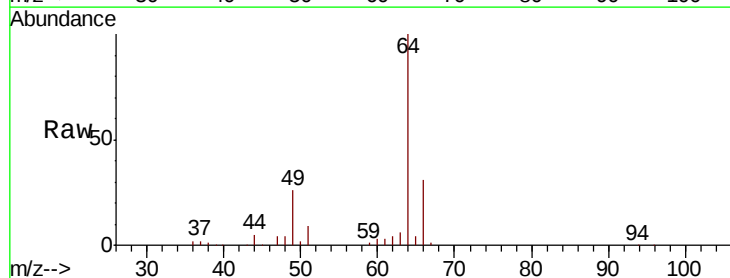
Acq: 29 Sep 2018 06:34

Tgt Ion: 64 Resp: 51312

Ion Ratio Lower Upper

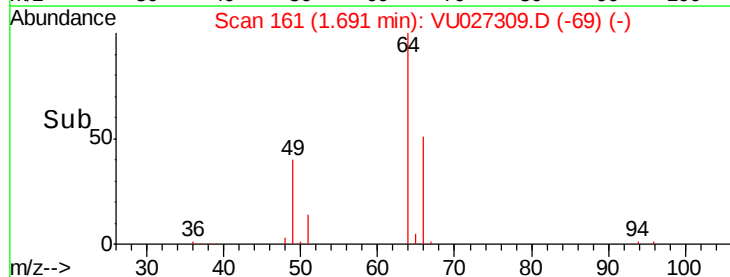
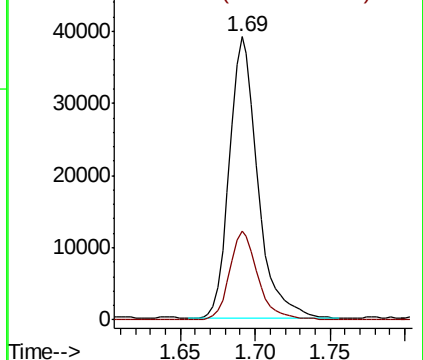
64 100

66 31.6 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0



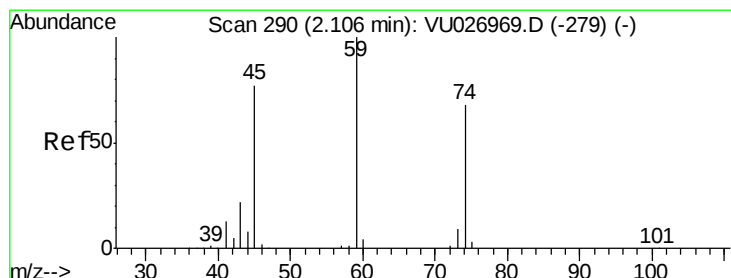
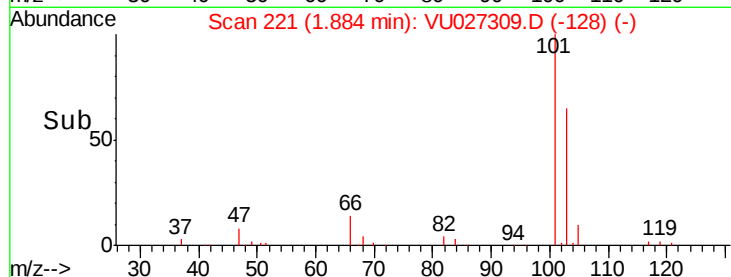
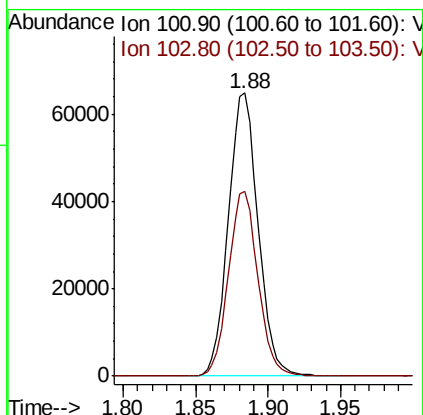
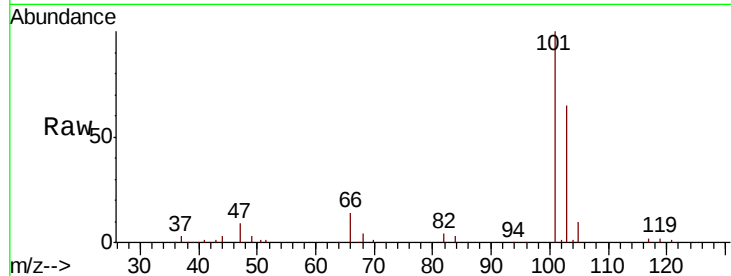


#7

Trichlorofluoromethane
 Concen: 45.289 ug/l
 RT: 1.88 min Scan# 221
 Delta R.T. 0.00 min
 Lab File: VU027309.D
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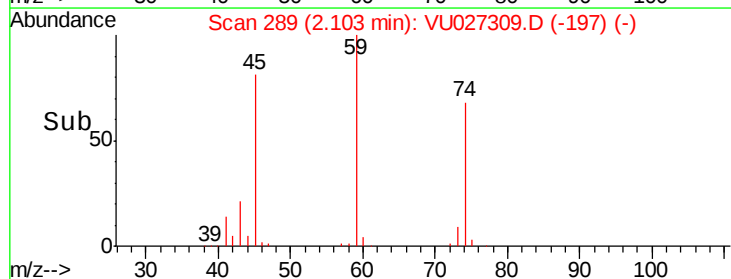
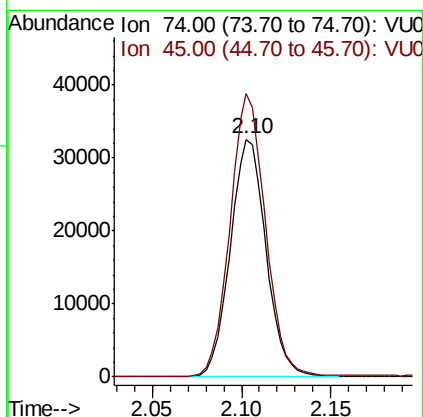
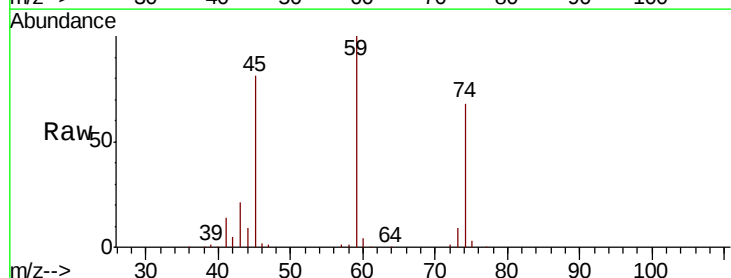
Tgt Ion: 101 Resp: 92178
 Ion Ratio Lower Upper
 101 100
 103 65.4 52.2 78.2



#8

Diethyl Ether
 Concen: 46.021 ug/l
 RT: 2.10 min Scan# 289
 Delta R.T. -0.00 min
 Lab File: VU027309.D
 Acq: 29 Sep 2018 06:34

Tgt Ion: 74 Resp: 45086
 Ion Ratio Lower Upper
 74 100
 45 119.1 56.9 170.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 42.908 ug/l

RT: 2.29 min Scan# 346

Delta R.T. 0.00 min

Lab File: VU027309.D

Acq: 29 Sep 2018 06:34

Instrument :

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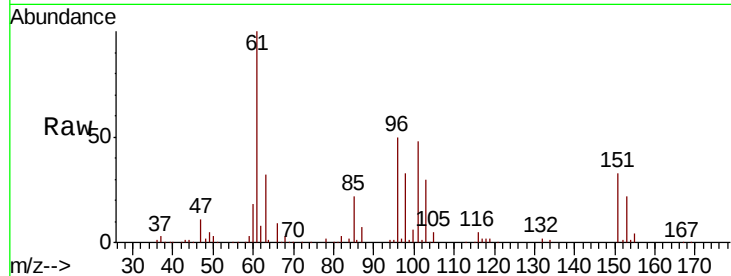
Tgt Ion:101 Resp: 53698

Ion Ratio Lower Upper

101 100

85 45.8 36.2 54.2

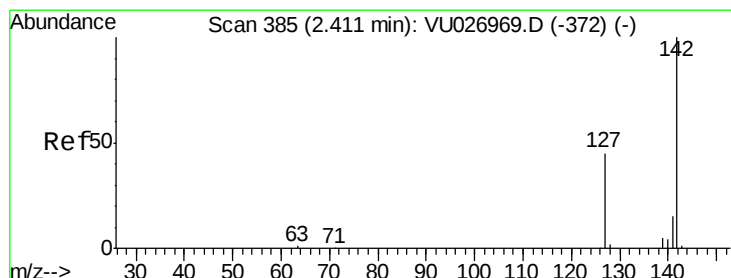
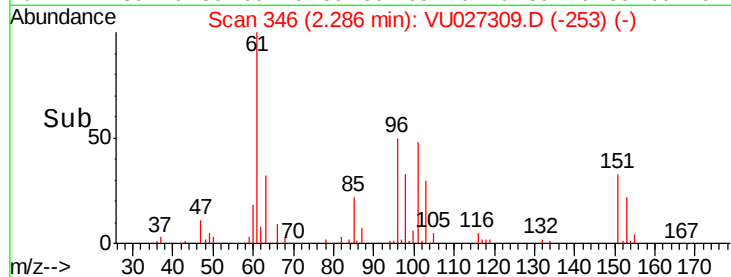
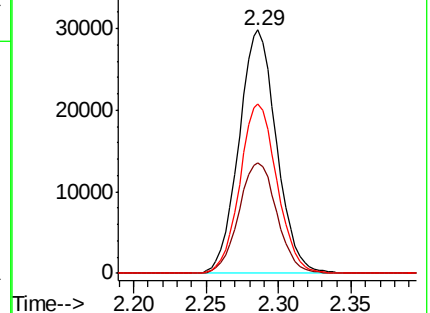
151 68.6 54.5 81.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VU0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 30.809 ug/l

RT: 2.41 min Scan# 384

Delta R.T. -0.00 min

Lab File: VU027309.D

Acq: 29 Sep 2018 06:34

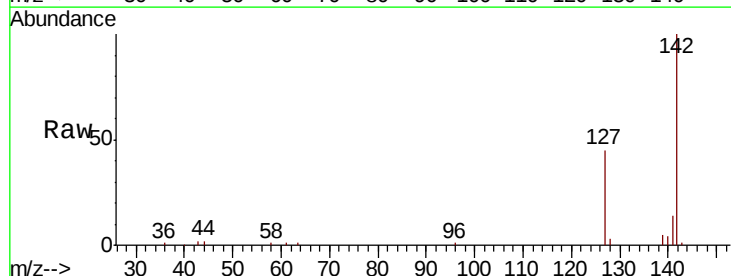
Tgt Ion:142 Resp: 47820

Ion Ratio Lower Upper

142 100

127 45.6 36.7 55.1

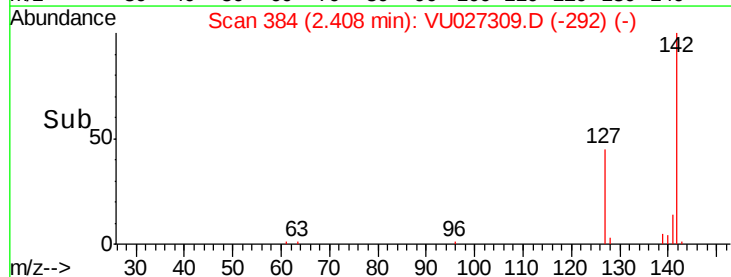
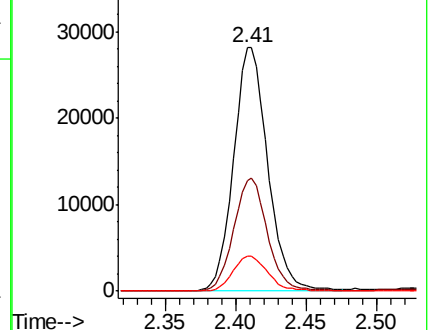
141 14.4 11.8 17.6

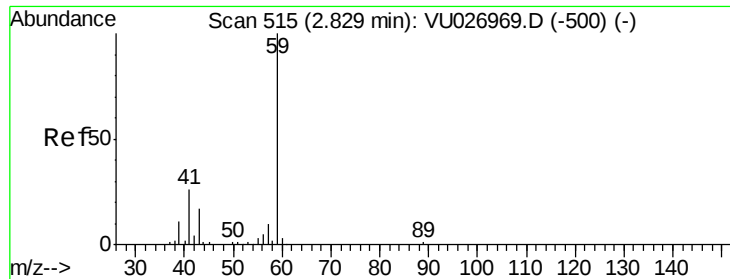


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



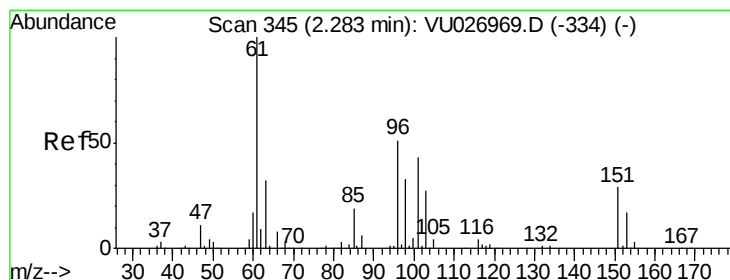
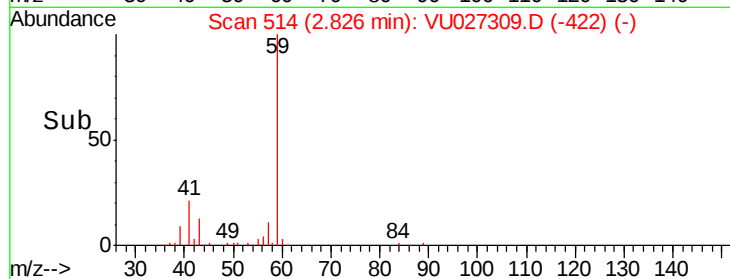
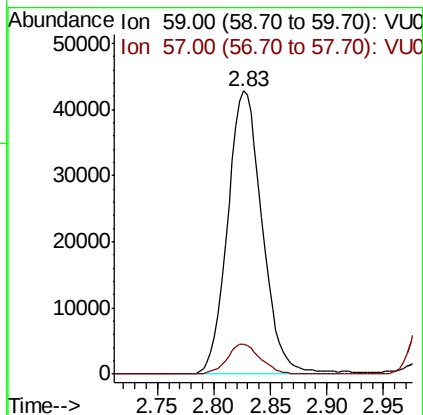
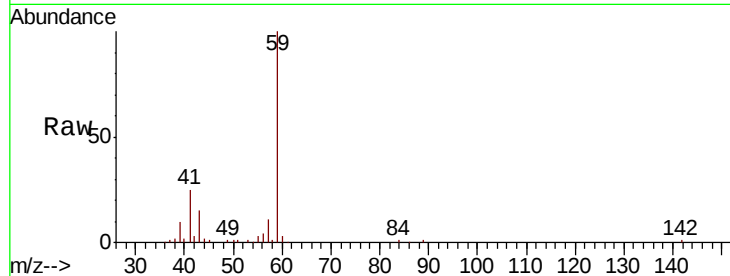


#11

Tert butyl alcohol
 Concen: 231.736 ug/l
 RT: 2.83 min Scan# 514
 Delta R.T. -0.00 min
 Lab File: VU027309.D
 Acq: 29 Sep 2018 06:34

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

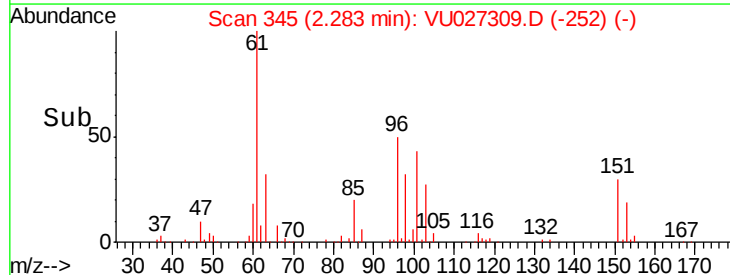
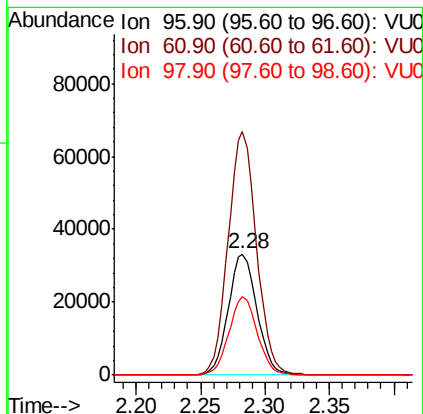
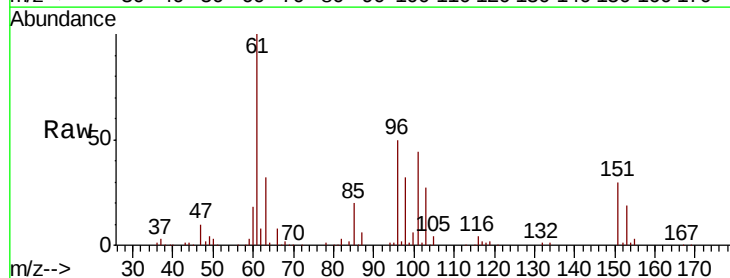
Tgt Ion: 59 Resp: 91173
 Ion Ratio Lower Upper
 59 100
 57 10.0 8.5 12.7

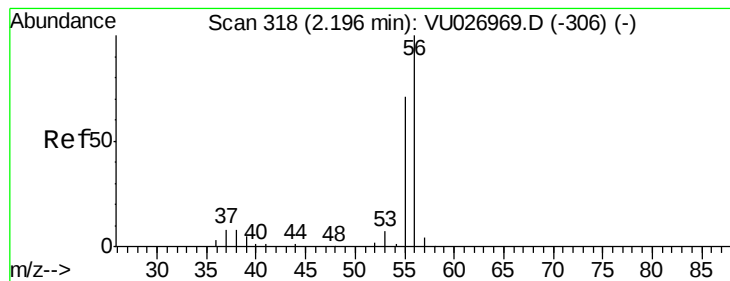


#12

1,1-Dichloroethene
 Concen: 43.568 ug/l
 RT: 2.28 min Scan# 345
 Delta R.T. 0.00 min
 Lab File: VU027309.D
 Acq: 29 Sep 2018 06:34

Tgt Ion: 96 Resp: 51319
 Ion Ratio Lower Upper
 96 100
 61 200.9 156.1 234.1
 98 64.6 51.4 77.0





#13

Acrolein

Concen: 197.362 ug/l

RT: 2.19 min Scan# 317

Delta R.T. -0.00 min

Lab File: VU027309.D

Acq: 29 Sep 2018 06:34

Instrument :

MSVOA_U

ClientSampleId :

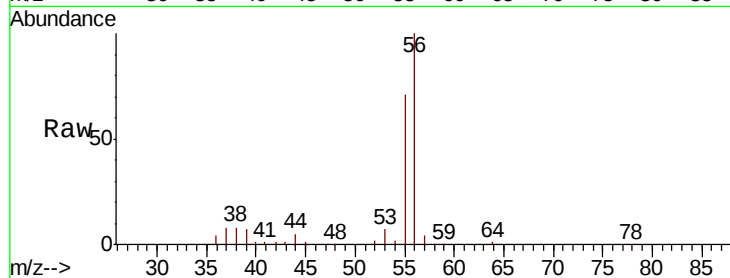
VSTDCCC050EC

Tgt Ion: 56 Resp: 41858

Ion Ratio Lower Upper

56 100

55 72.2 57.1 85.7



Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

2.19

30000

25000

20000

15000

10000

5000

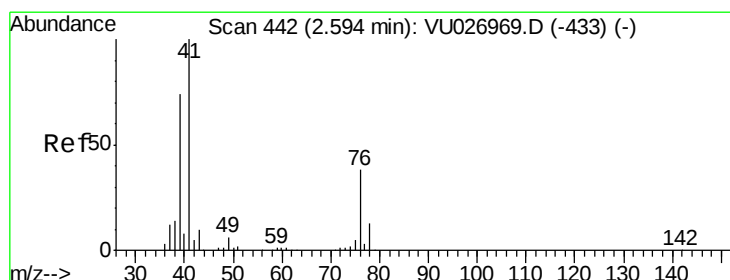
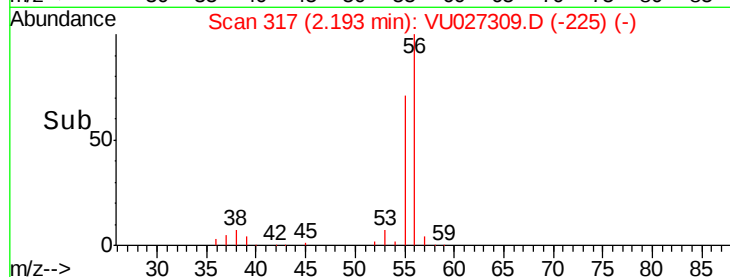
0

Time-->

2.15

2.20

2.25



#14

Allyl chloride

Concen: 52.074 ug/l

RT: 2.59 min Scan# 441

Delta R.T. -0.00 min

Lab File: VU027309.D

Acq: 29 Sep 2018 06:34

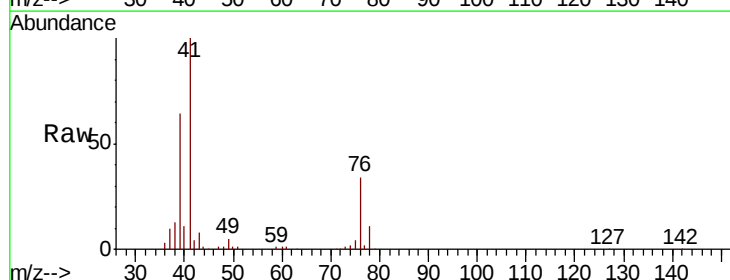
Tgt Ion: 41 Resp: 124409

Ion Ratio Lower Upper

41 100

39 66.1 55.7 83.5

76 32.4 26.5 39.7



Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

Ion 75.90 (75.60 to 76.60): VU0

100000

80000

60000

40000

20000

0

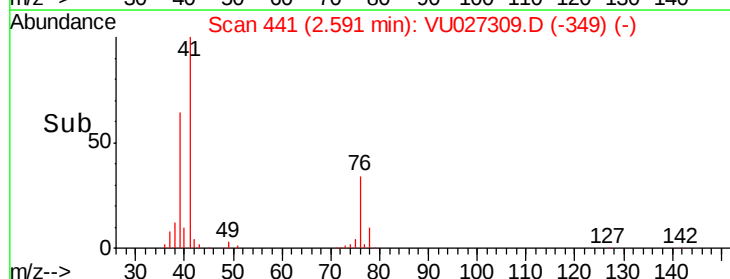
Time-->

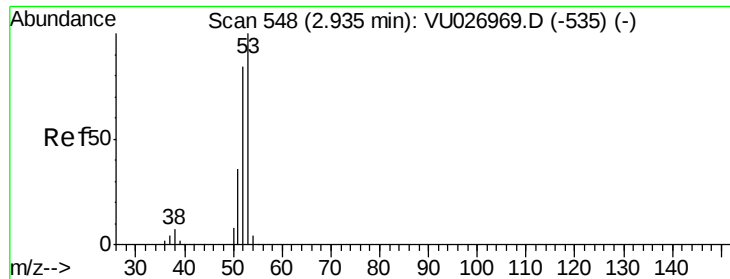
2.55

2.60

2.65

2.70





#15

Acrylonitrile

Concen: 248.712 ug/l

RT: 2.94 min Scan# 548

Delta R.T. 0.00 min

Lab File: VU027309.D

Acq: 29 Sep 2018 06:34

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

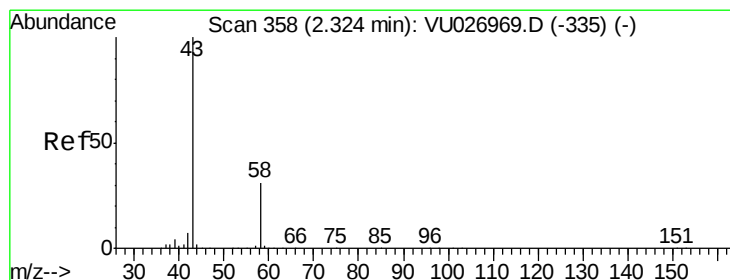
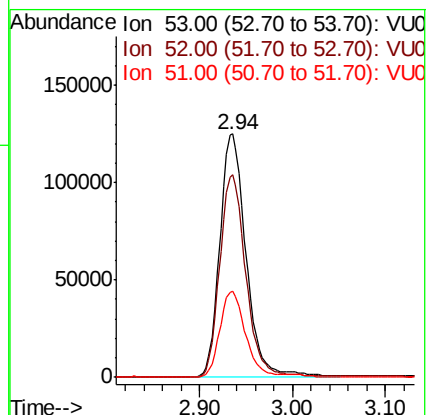
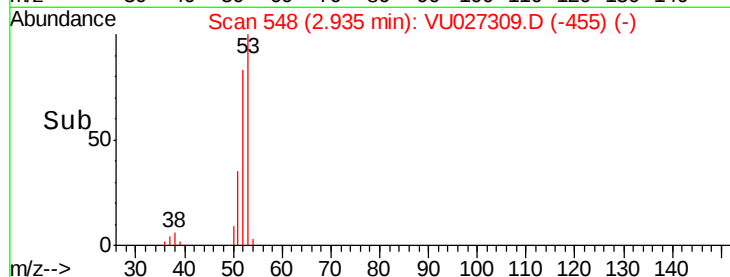
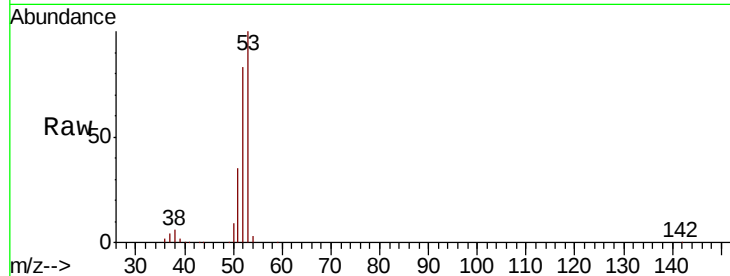
Tgt Ion: 53 Resp: 246624

Ion Ratio Lower Upper

53 100

52 82.7 65.7 98.5

51 35.6 27.4 41.2



#16

Acetone

Concen: 226.741 ug/l

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU027309.D

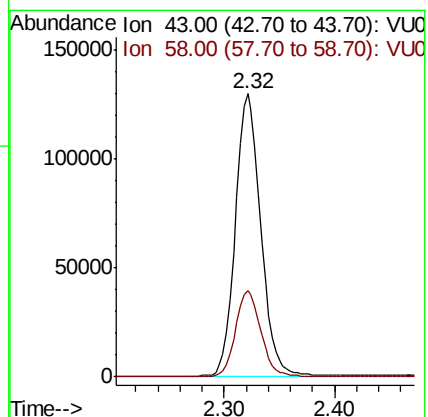
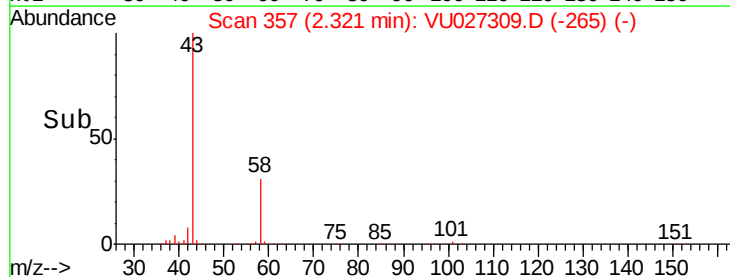
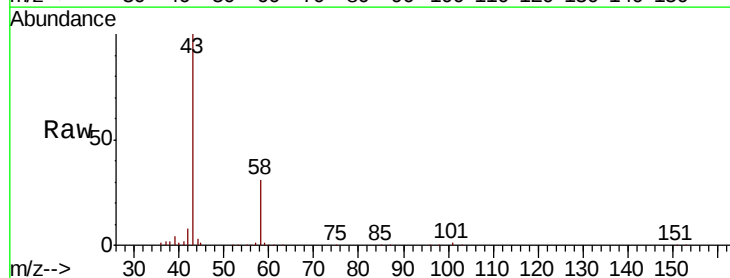
Acq: 29 Sep 2018 06:34

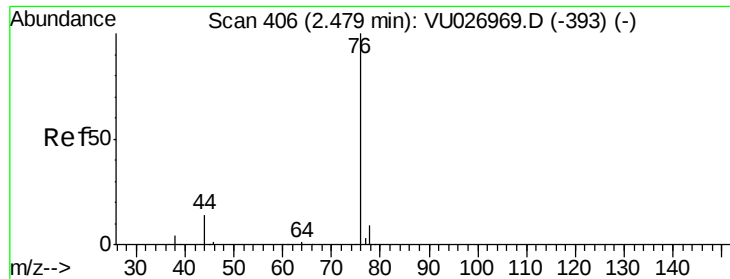
Tgt Ion: 43 Resp: 208147

Ion Ratio Lower Upper

43 100

58 30.7 24.6 36.8

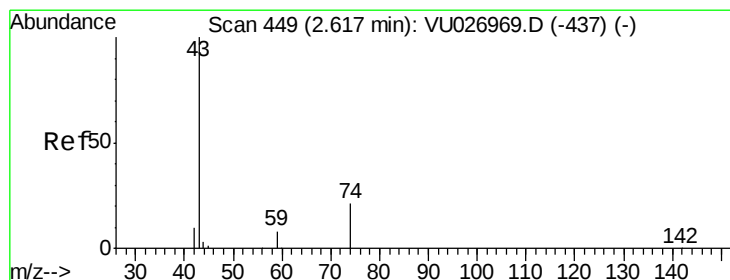
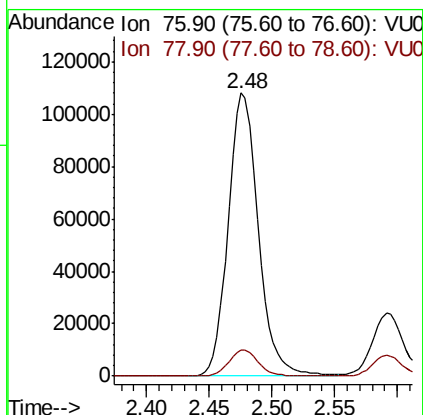
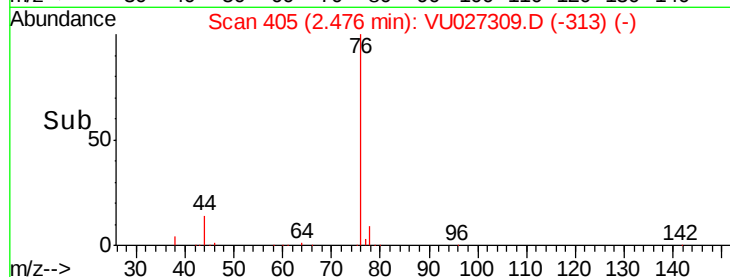
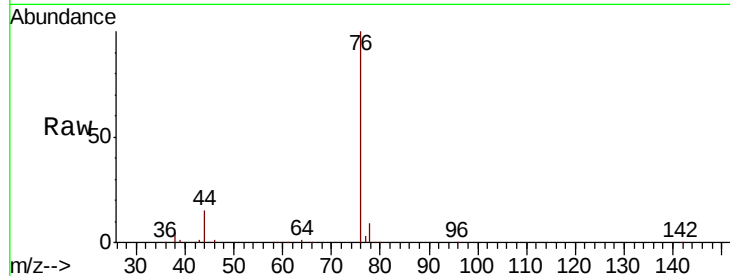




#17
Carbon Disulfide
Concen: 47.142 ug/l
RT: 2.48 min Scan# 405
Delta R.T. -0.00 min
Lab File: VU027309.D
Acq: 29 Sep 2018 06:34

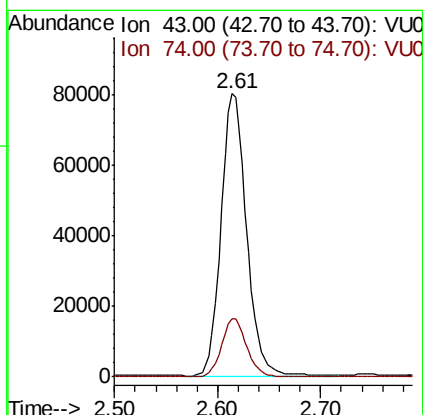
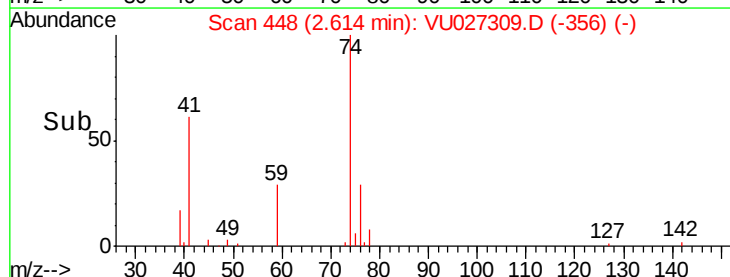
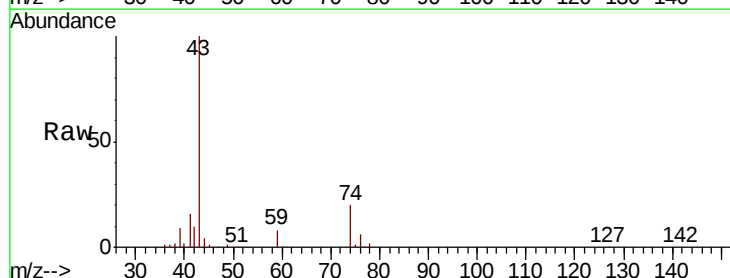
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

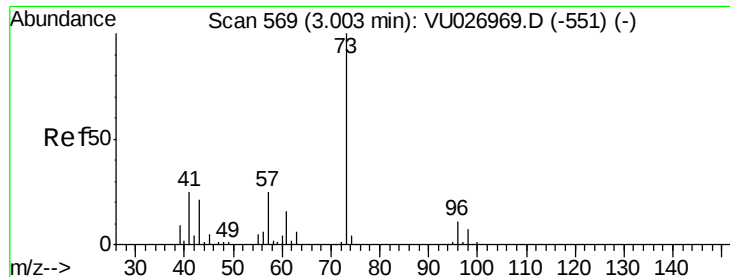
Tgt Ion: 76 Resp: 180895
Ion Ratio Lower Upper
76 100
78 9.0 7.1 10.7



#18
Methyl Acetate
Concen: 56.243 ug/l
RT: 2.61 min Scan# 448
Delta R.T. -0.00 min
Lab File: VU027309.D
Acq: 29 Sep 2018 06:34

Tgt Ion: 43 Resp: 137409
Ion Ratio Lower Upper
43 100
74 20.2 16.6 25.0



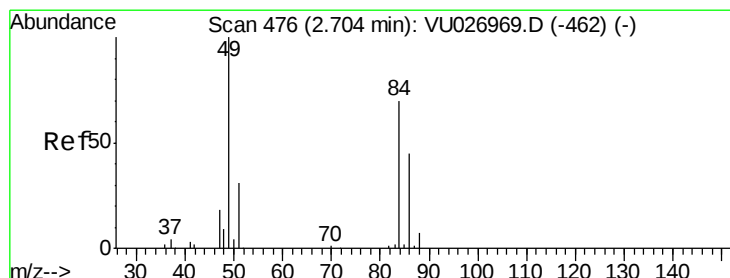
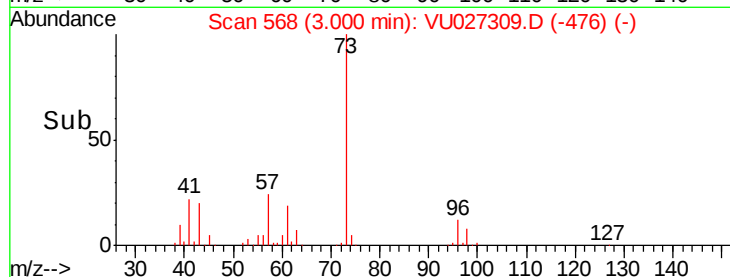
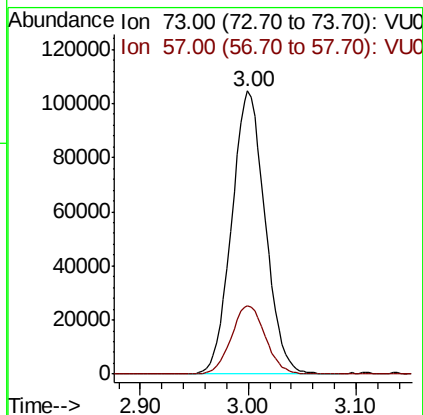
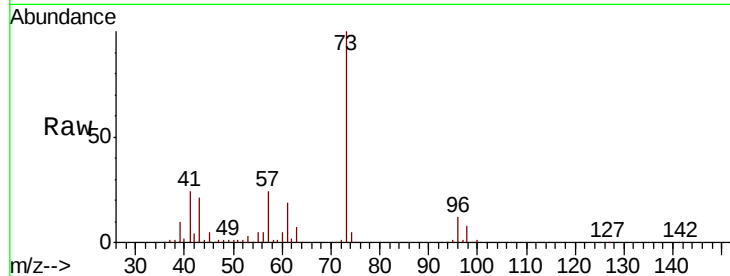


#19

Methyl tert-butyl Ether
 Concen: 52.192 ug/l
 RT: 3.00 min Scan# 568
 Delta R.T. -0.00 min
 Lab File: VU027309.D
 Acq: 29 Sep 2018 06:34

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

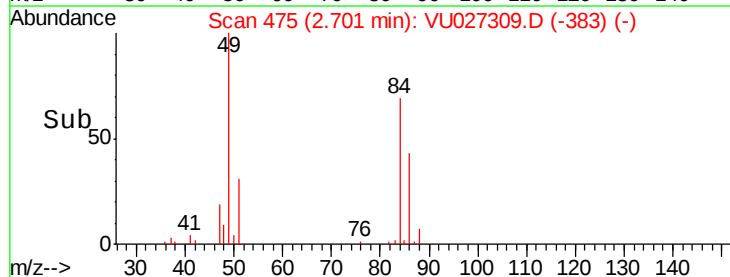
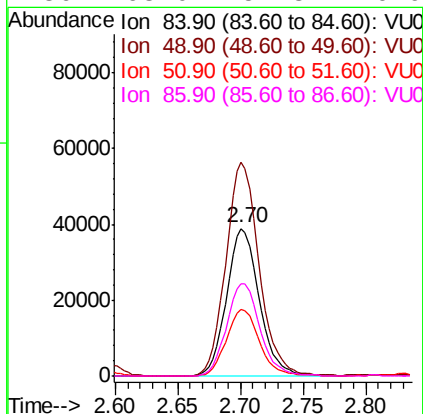
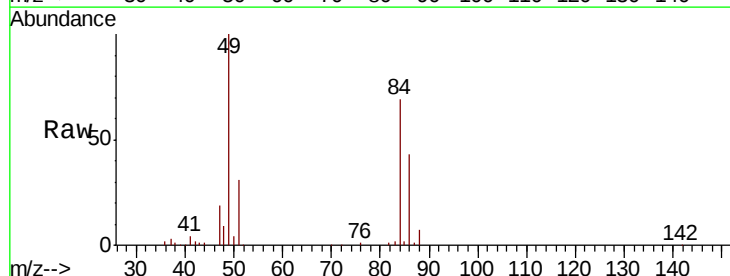
Tgt Ion: 73 Resp: 225914
 Ion Ratio Lower Upper
 73 100
 57 24.1 19.8 29.6

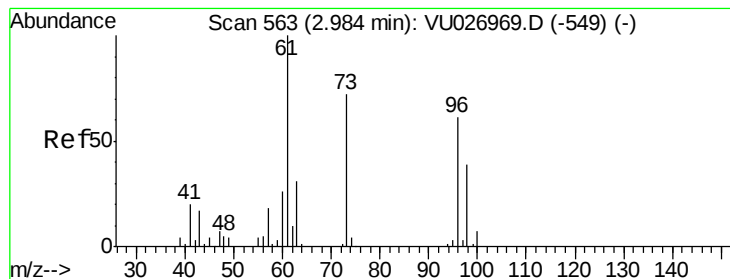


#20

Methylene Chloride
 Concen: 45.752 ug/l
 RT: 2.70 min Scan# 475
 Delta R.T. -0.00 min
 Lab File: VU027309.D
 Acq: 29 Sep 2018 06:34

Tgt Ion: 84 Resp: 70333
 Ion Ratio Lower Upper
 84 100
 49 145.1 114.9 172.3
 51 45.1 35.8 53.8
 86 63.0 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 48.838 ug/l

RT: 2.98 min Scan# 563

Delta R.T. 0.00 min

Lab File: VU027309.D

Acq: 29 Sep 2018 06:34

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

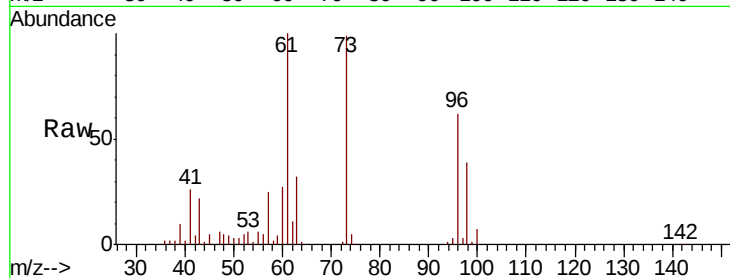
Tgt Ion: 96 Resp: 61420

Ion Ratio Lower Upper

96 100

61 161.2 131.8 197.6

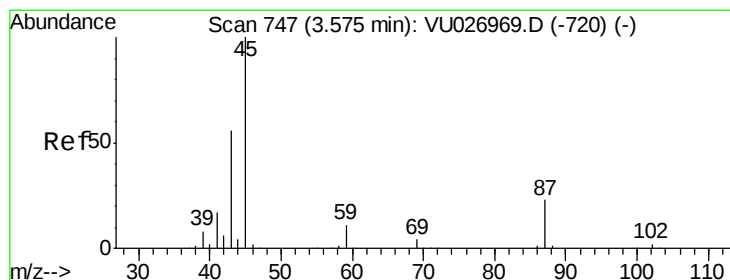
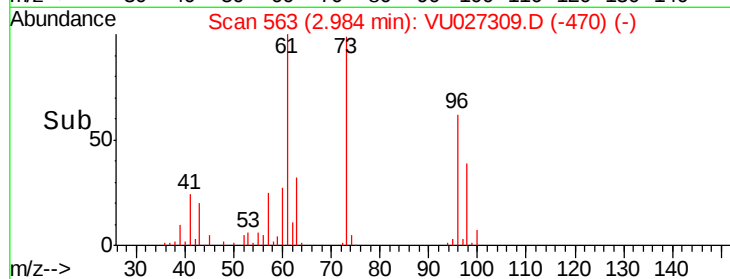
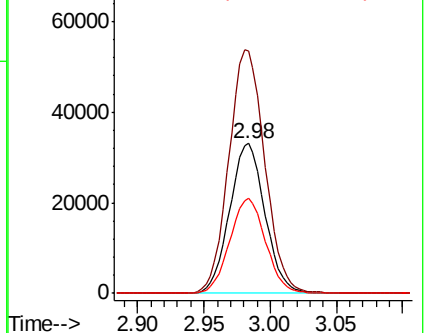
98 63.0 50.9 76.3



Abundance Ion 95.90 (95.60 to 96.60): VU0

Ion 60.90 (60.60 to 61.60): VU0

Ion 97.90 (97.60 to 98.60): VU0



#22

Diisopropyl ether

Concen: 54.255 ug/l

RT: 3.57 min Scan# 746

Delta R.T. -0.00 min

Lab File: VU027309.D

Acq: 29 Sep 2018 06:34

Tgt Ion: 45 Resp: 277245

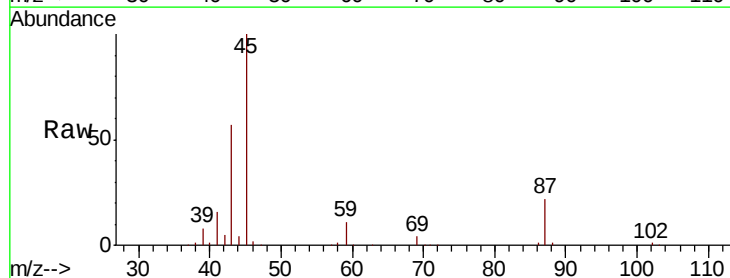
Ion Ratio Lower Upper

45 100

43 54.5 45.8 68.6

87 21.7 18.6 28.0

59 10.7 9.0 13.4

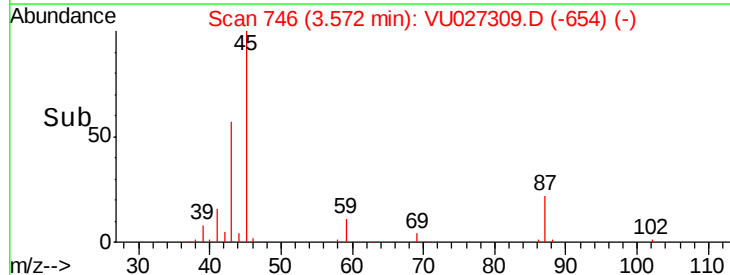
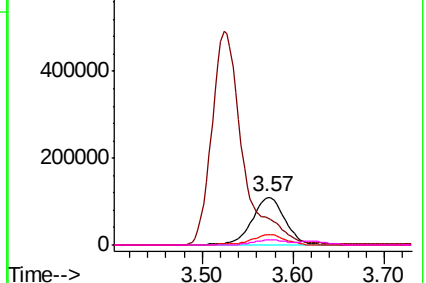


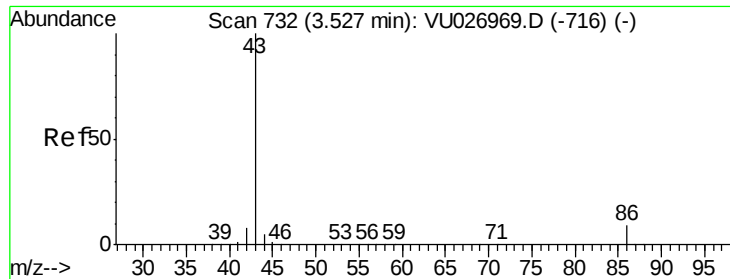
Abundance Ion 45.00 (44.70 to 45.70): VU0

Ion 43.00 (42.70 to 43.70): VU0

Ion 87.00 (86.70 to 87.70): VU0

Ion 59.00 (58.70 to 59.70): VU0





#23

Vinyl Acetate

Concen: 269.298 ug/l

RT: 3.52 min Scan# 731

Delta R.T. -0.00 min

Lab File: VU027309.D

Acq: 29 Sep 2018 06:34

Instrument :

MSVOA_U

ClientSampleId :

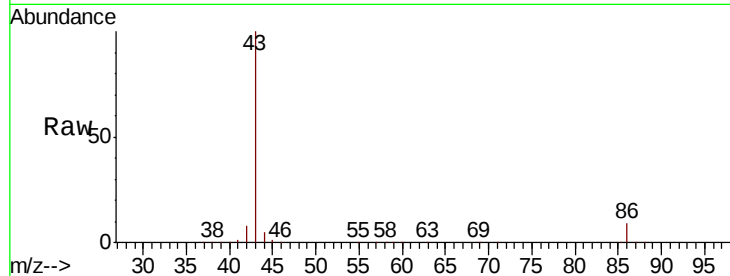
VSTDCCC050EC

Tgt Ion: 43 Resp: 1173037

Ion Ratio Lower Upper

43 100

86 8.6 7.2 10.8



Abundance Ion 43.00 (42.70 to 43.70): VU027309.D (-639) (-)

Ion 86.00 (85.70 to 86.70): VU027309.D (-639) (-)

3.52

500000

400000

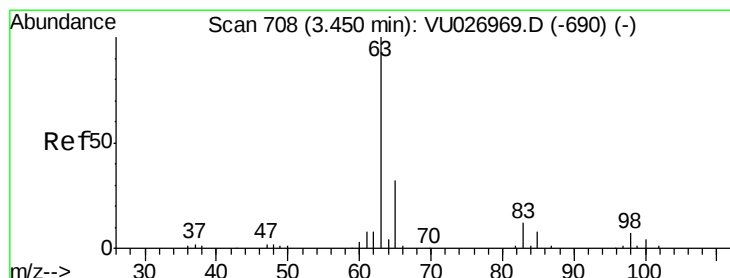
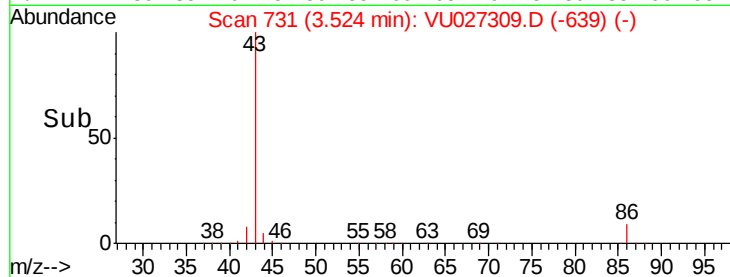
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 50.101 ug/l

RT: 3.45 min Scan# 707

Delta R.T. -0.00 min

Lab File: VU027309.D

Acq: 29 Sep 2018 06:34

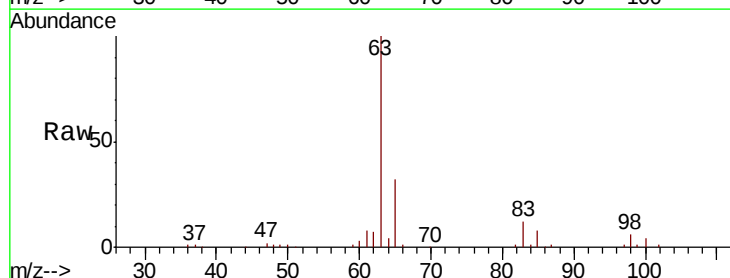
Tgt Ion: 63 Resp: 141005

Ion Ratio Lower Upper

63 100

98 6.0 3.3 9.8

100 3.6 2.0 5.8



Abundance Ion 62.90 (62.60 to 63.60): VU027309.D (-615) (-)

Ion 97.90 (97.60 to 98.60): VU027309.D (-615) (-)

Ion 99.90 (99.60 to 100.60): VU027309.D (-615) (-)

3.45

80000

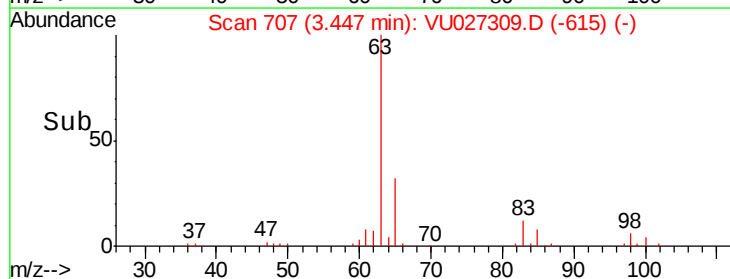
60000

40000

20000

0

Time-->





#25

2-Butanone

Concen: 240.416 ug/l

RT: 4.26 min Scan# 960

Delta R.T. -0.00 min

Lab File: VU027309.D

Acq: 29 Sep 2018 06:34

Instrument :

MSVOA_U

ClientSampleId :

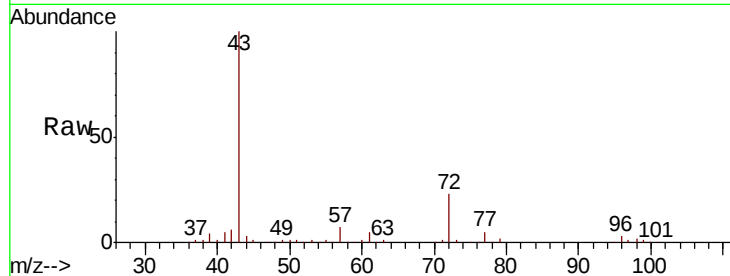
VSTDCCC050EC

Tgt Ion: 43 Resp: 346807

Ion Ratio Lower Upper

43 100

72 22.7 18.4 27.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0

150000

100000

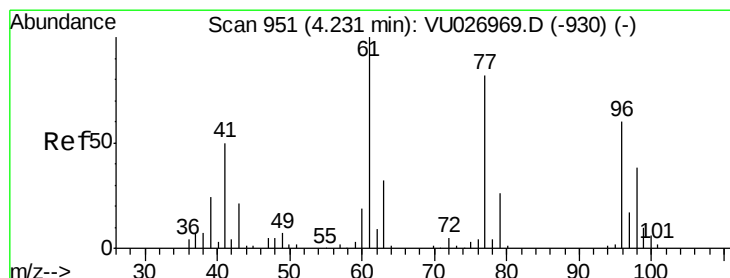
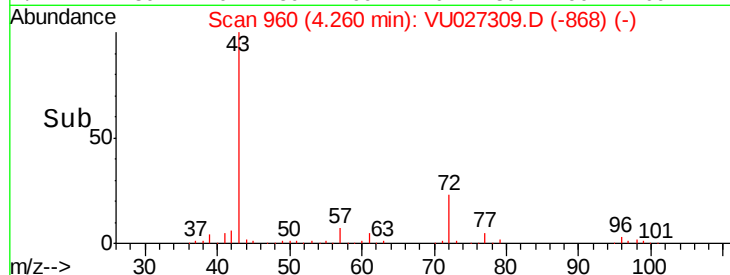
50000

0

4.26

4.20 4.30

Time-->



#26

2,2-Dichloropropane

Concen: 38.417 ug/l

RT: 4.23 min Scan# 950

Delta R.T. -0.00 min

Lab File: VU027309.D

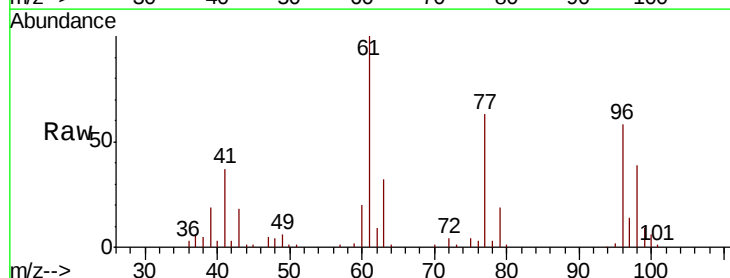
Acq: 29 Sep 2018 06:34

Tgt Ion: 77 Resp: 84322

Ion Ratio Lower Upper

77 100

97 21.8 10.5 31.5



Abundance Ion 76.90 (76.60 to 77.60): VU0

Ion 96.90 (96.60 to 97.60): VU0

30000

20000

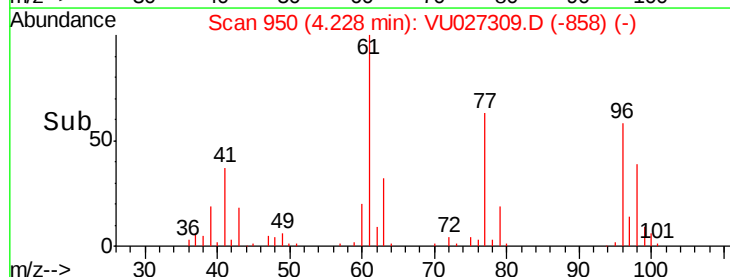
10000

0

4.23

4.20 4.30

Time-->



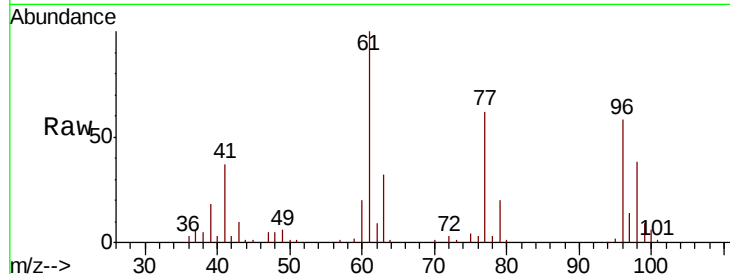


#27

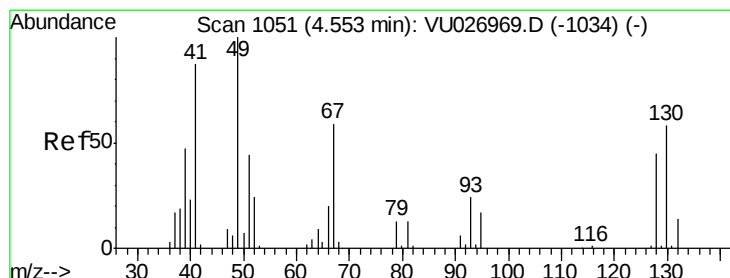
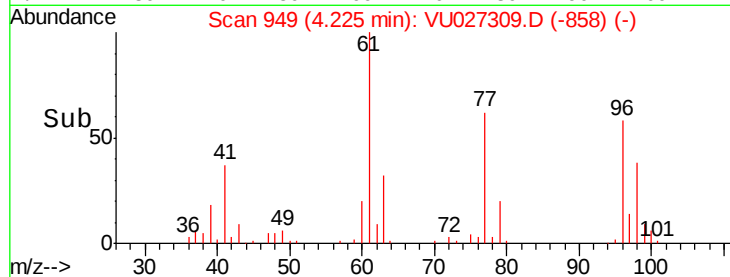
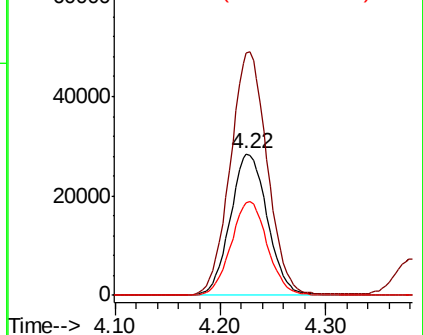
cis-1,2-Dichloroethene
Concen: 48.952 ug/l
RT: 4.22 min Scan# 949
Delta R.T. -0.01 min
Lab File: VU027309.D
Acq: 29 Sep 2018 06:34

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 69525
Ion Ratio Lower Upper
96 100
61 171.5 0.0 337.2
98 65.2 0.0 127.6



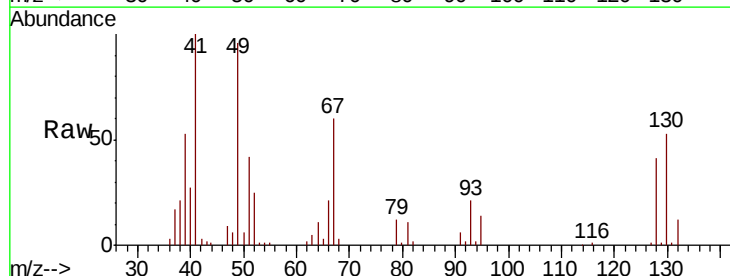
Abundance Ion 95.90 (95.60 to 96.60): VU0
Ion 60.90 (60.60 to 61.60): VU0
Ion 97.90 (97.60 to 98.60): VU0



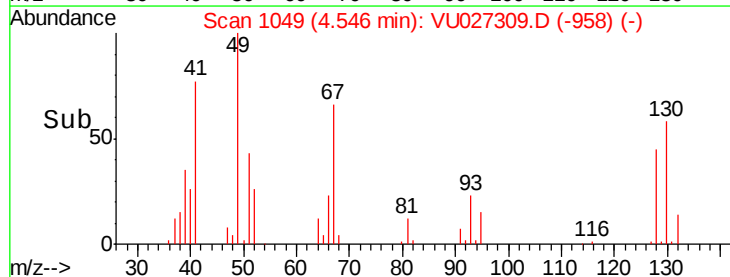
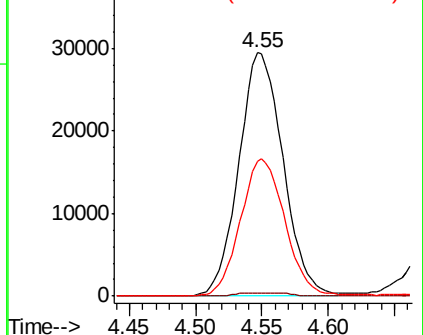
#28

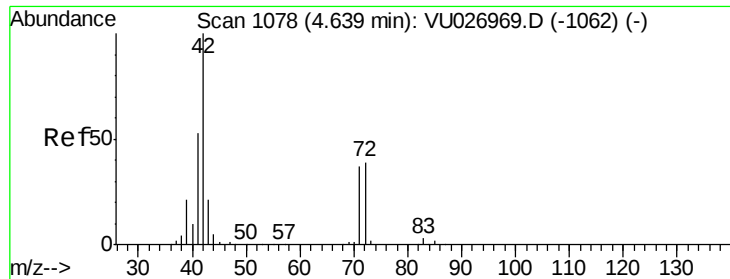
Bromochloromethane
Concen: 50.498 ug/l
RT: 4.55 min Scan# 1049
Delta R.T. -0.01 min
Lab File: VU027309.D
Acq: 29 Sep 2018 06:34

Tgt Ion: 49 Resp: 68510
Ion Ratio Lower Upper
49 100
129 0.8 0.0 3.0
130 56.6 47.8 71.8



Abundance Ion 48.90 (48.60 to 49.60): VU0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 264.530 ug/l

RT: 4.64 min Scan# 1077

Delta R.T. -0.00 min

Lab File: VU027309.D

Acq: 29 Sep 2018 06:34

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

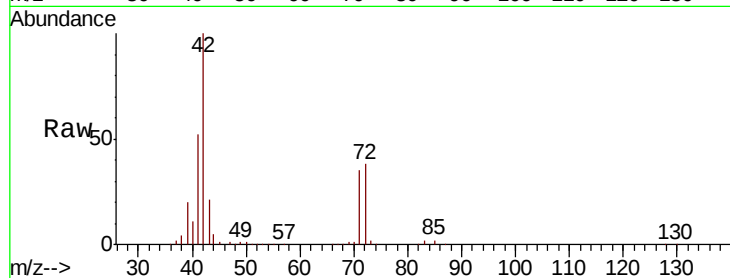
Tgt Ion: 42 Resp: 230837

Ion Ratio Lower Upper

42 100

72 38.1 31.7 47.5

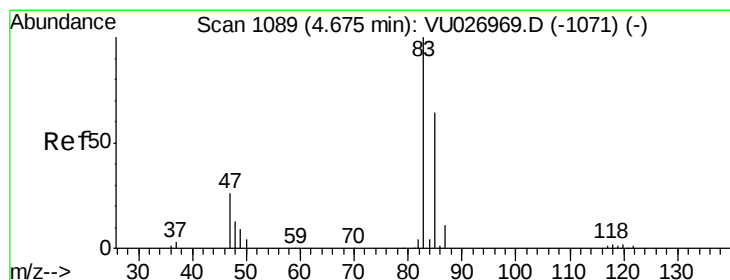
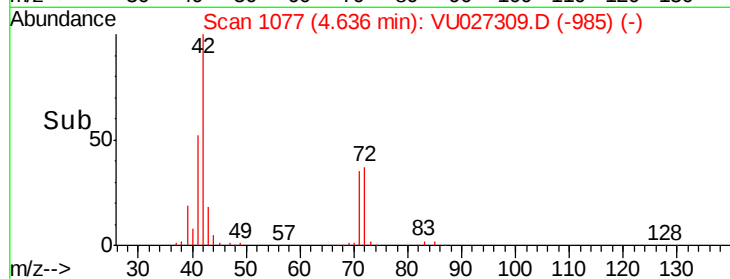
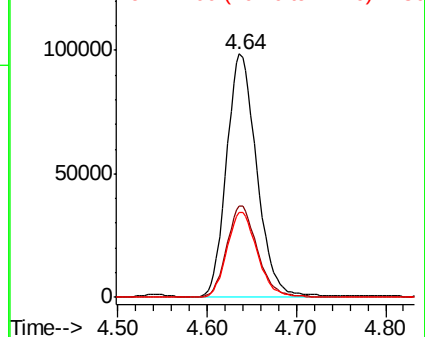
71 35.1 29.6 44.4



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



#30

Chloroform

Concen: 47.927 ug/l

RT: 4.67 min Scan# 1089

Delta R.T. 0.00 min

Lab File: VU027309.D

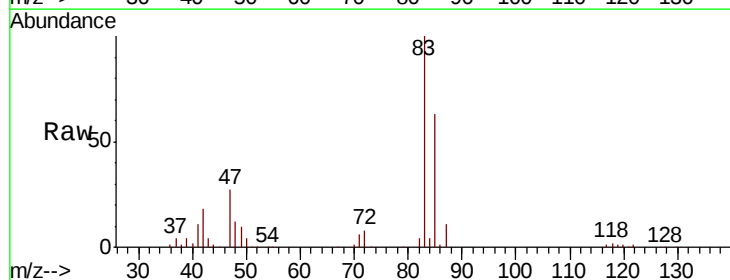
Acq: 29 Sep 2018 06:34

Tgt Ion: 83 Resp: 125208

Ion Ratio Lower Upper

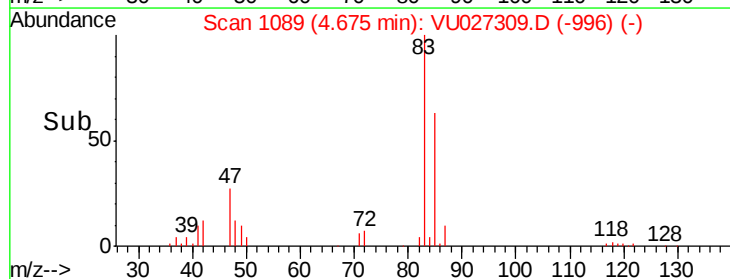
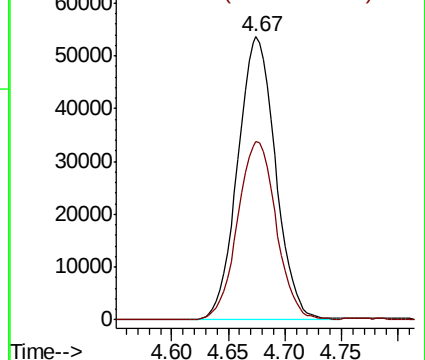
83 100

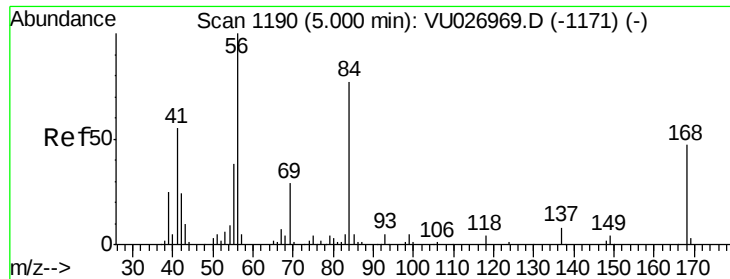
85 62.9 51.5 77.3



Abundance Ion 82.90 (82.60 to 83.60): VU0

Ion 84.90 (84.60 to 85.60): VU0

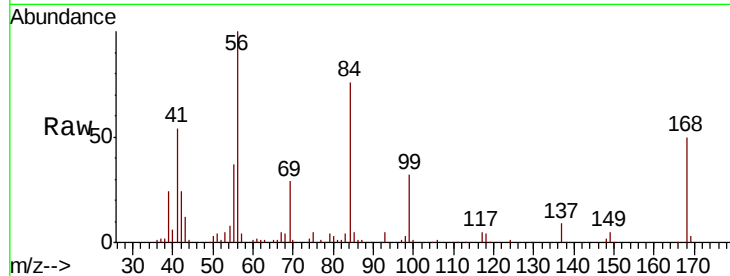




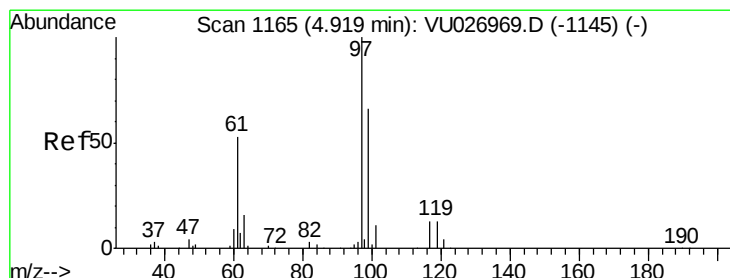
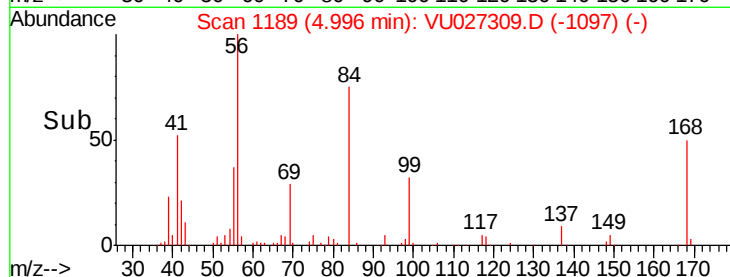
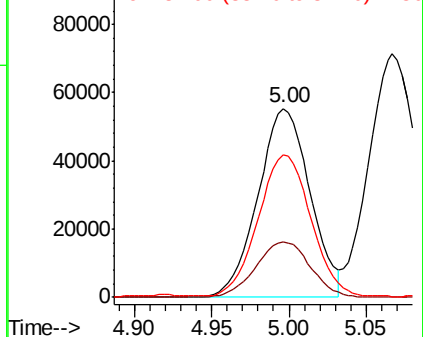
#31
Cyclohexane
Concen: 50.761 ug/l
RT: 5.00 min Scan# 1189
Delta R.T. -0.00 min
Lab File: VU027309.D
Acq: 29 Sep 2018 06:34

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 129841
Ion Ratio Lower Upper
56 100
69 29.3 23.0 34.4
84 75.1 61.4 92.2

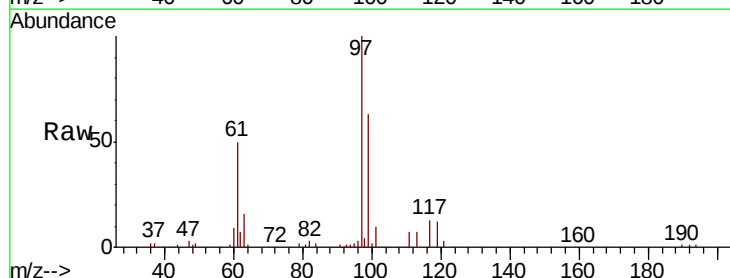


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

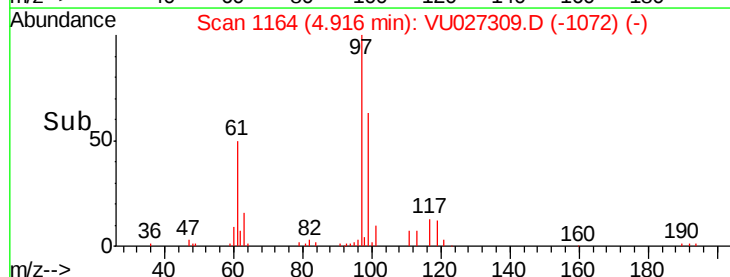
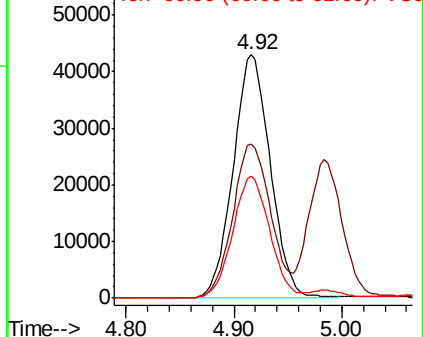


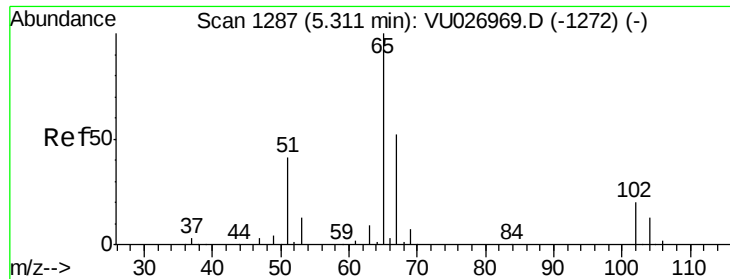
#32
1,1,1-Trichloroethane
Concen: 49.485 ug/l
RT: 4.92 min Scan# 1164
Delta R.T. -0.00 min
Lab File: VU027309.D
Acq: 29 Sep 2018 06:34

Tgt Ion: 97 Resp: 103217
Ion Ratio Lower Upper
97 100
99 65.1 51.8 77.6
61 49.9 41.1 61.7



Abundance Ion 96.90 (96.60 to 97.60): VU0
Ion 98.90 (98.60 to 99.60): VU0
Ion 60.90 (60.60 to 61.60): VU0

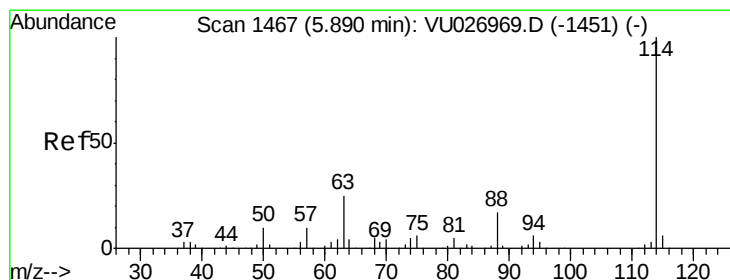
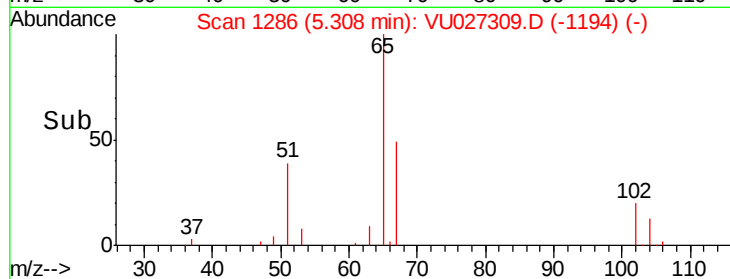
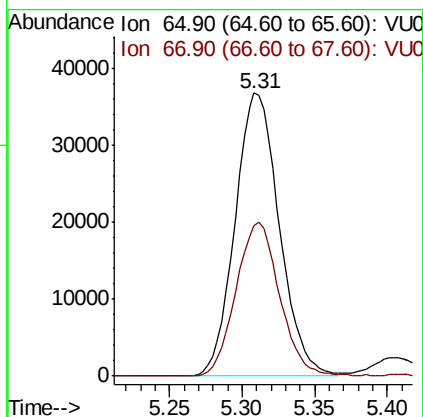
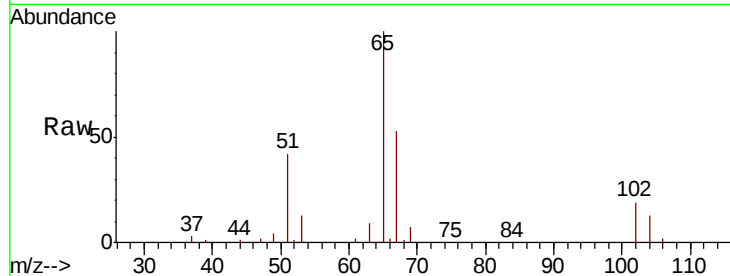




#33
 1,2-Dichloroethane-d4
 Concen: 45.405 ug/l
 RT: 5.31 min Scan# 1286
 Delta R.T. -0.00 min
 Lab File: VU027309.D
 Acq: 29 Sep 2018 06:34

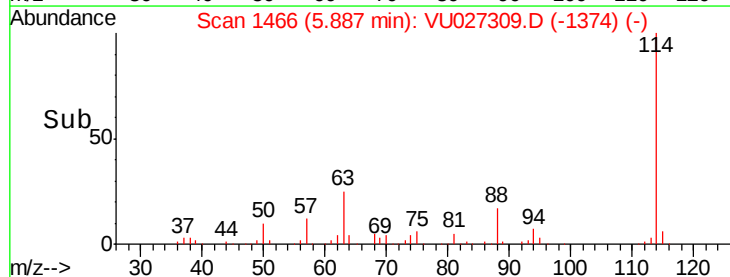
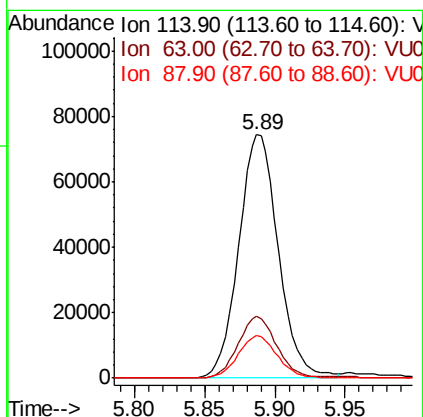
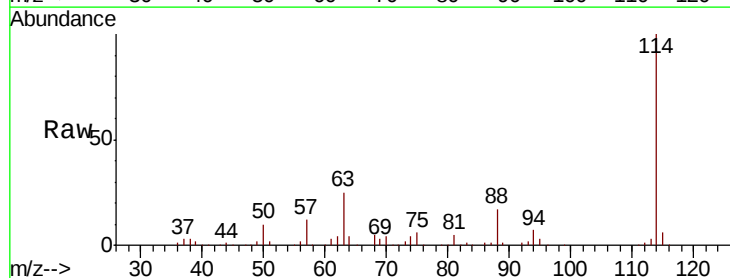
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 65 Resp: 77938
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: VU027309.D
 Acq: 29 Sep 2018 06:34

Tgt Ion: 114 Resp: 146219
 Ion Ratio Lower Upper
 114 100
 63 25.3 0.0 49.2
 88 17.3 0.0 33.8

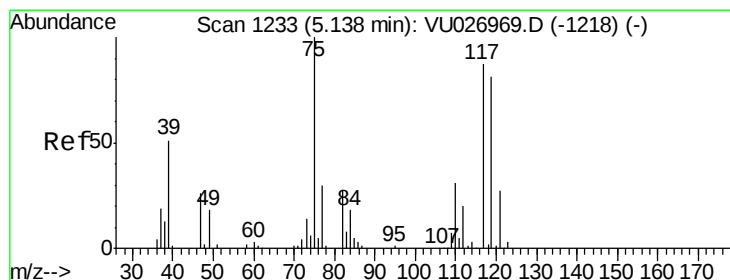
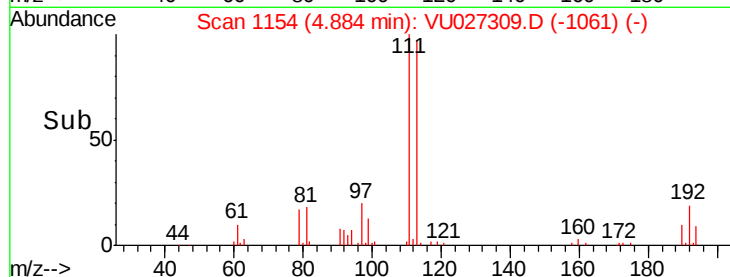
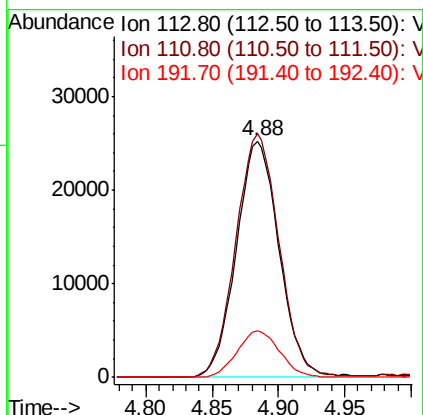
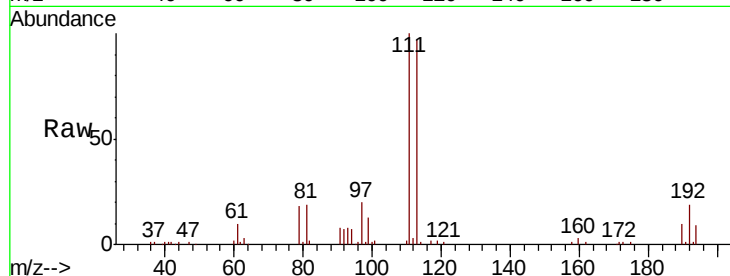




#35
 Dibromofluoromethane
 Concen: 44.609 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU027309.D
 Acq: 29 Sep 2018 06:34

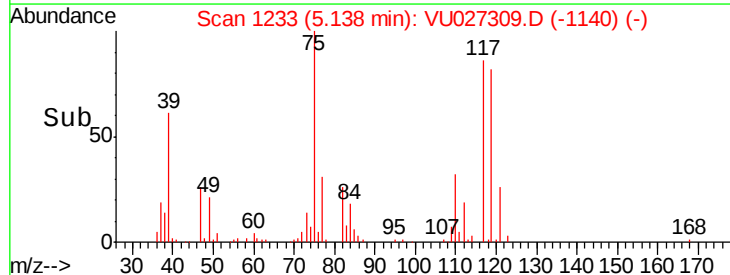
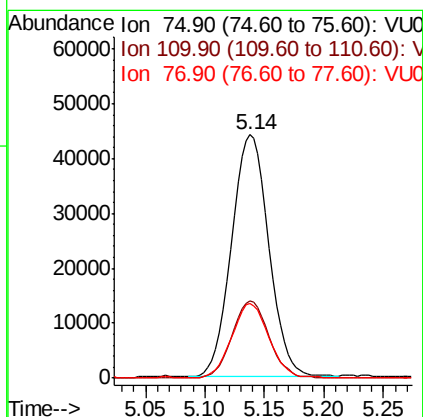
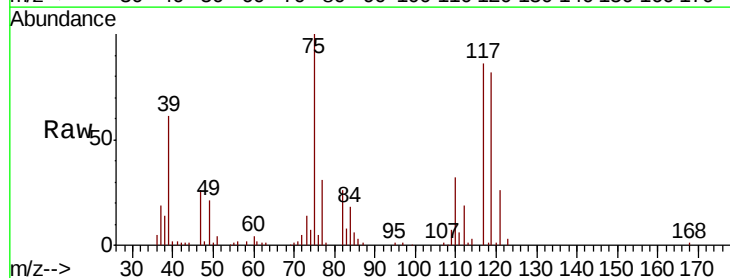
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

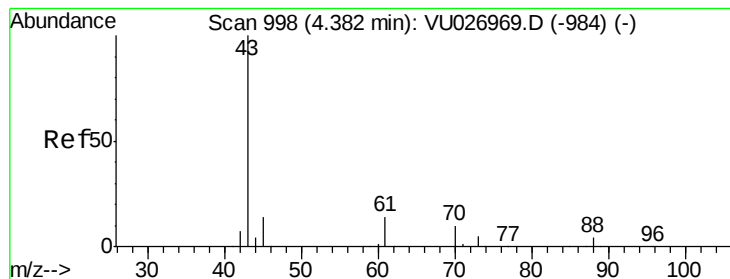
Tgt Ion: 113 Resp: 56539
 Ion Ratio Lower Upper
 113 100
 111 104.6 82.2 123.4
 192 19.6 15.2 22.8



#36
 1,1-Dichloropropene
 Concen: 48.908 ug/l
 RT: 5.14 min Scan# 1233
 Delta R.T. 0.00 min
 Lab File: VU027309.D
 Acq: 29 Sep 2018 06:34

Tgt Ion: 75 Resp: 95442
 Ion Ratio Lower Upper
 75 100
 110 31.7 16.1 48.2
 77 31.1 24.6 36.8





#37

Ethyl Acetate

Concen: 49.043 ug/l

RT: 4.38 min Scan# 998

Delta R.T. 0.00 min

Lab File: VU027309.D

Acq: 29 Sep 2018 06:34

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

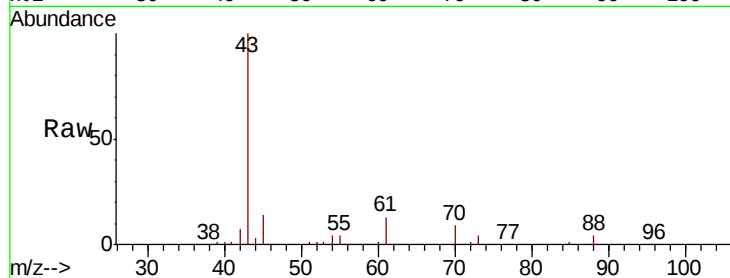
Tgt Ion: 43 Resp: 129560

Ion Ratio Lower Upper

43 100

61 12.8 10.5 15.7

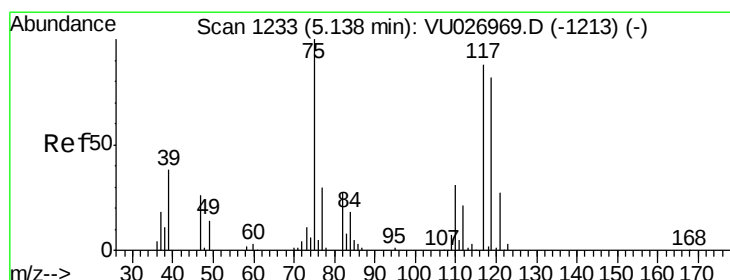
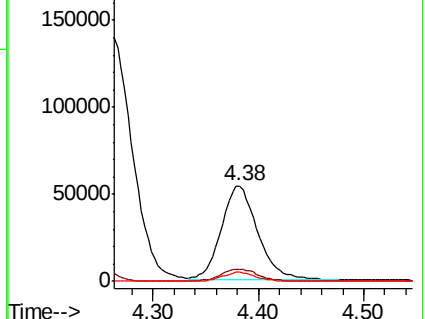
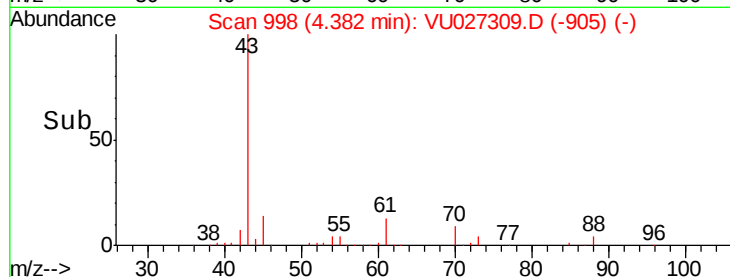
70 9.0 7.4 11.0



Abundance Ion 43.00 (42.70 to 43.70): VU027309.D (-905) (-)

Ion 60.90 (60.60 to 61.60): VU027309.D (-905) (-)

Ion 70.00 (69.70 to 70.70): VU027309.D (-905) (-)



#38

Carbon Tetrachloride

Concen: 47.498 ug/l

RT: 5.14 min Scan# 1233

Delta R.T. 0.00 min

Lab File: VU027309.D

Acq: 29 Sep 2018 06:34

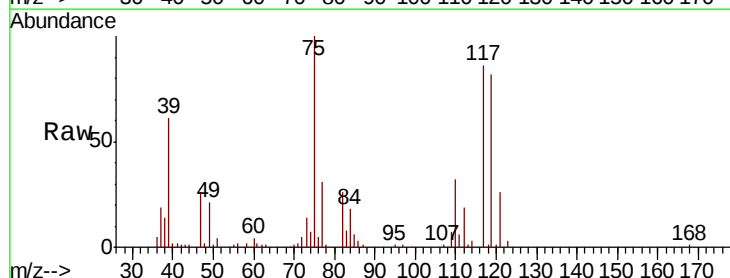
Tgt Ion: 117 Resp: 88207

Ion Ratio Lower Upper

117 100

119 94.7 74.4 111.6

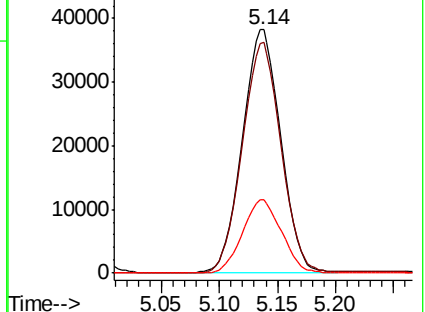
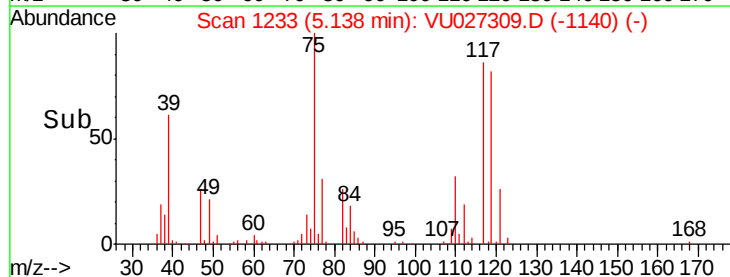
121 30.3 24.2 36.4



Abundance Ion 116.80 (116.50 to 117.50): VU027309.D (-1140) (-)

Ion 118.80 (118.50 to 119.50): VU027309.D (-1140) (-)

Ion 120.80 (120.50 to 121.50): VU027309.D (-1140) (-)

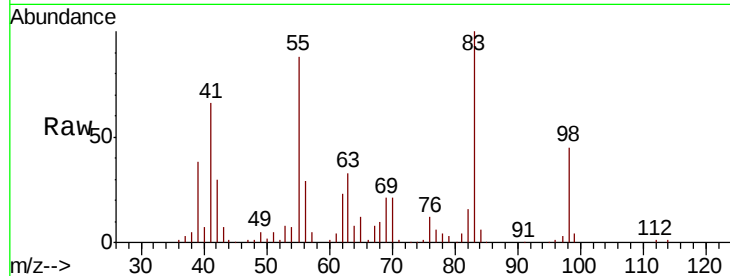




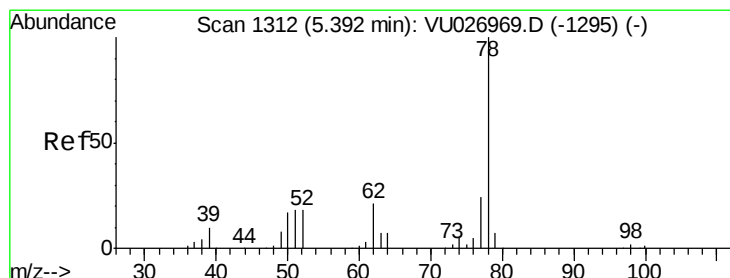
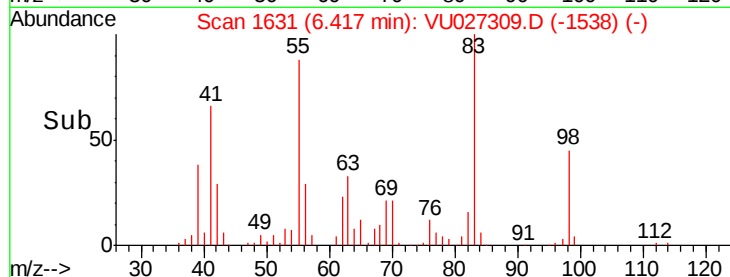
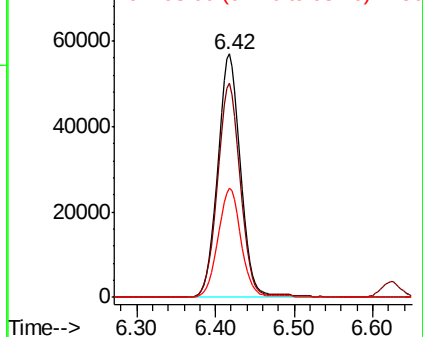
#39
Methylcyclohexane
Concen: 53.660 ug/l
RT: 6.42 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VU027309.D
Acq: 29 Sep 2018 06:34

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 113796
Ion Ratio Lower Upper
83 100
55 87.7 69.9 104.9
98 44.7 37.5 56.3

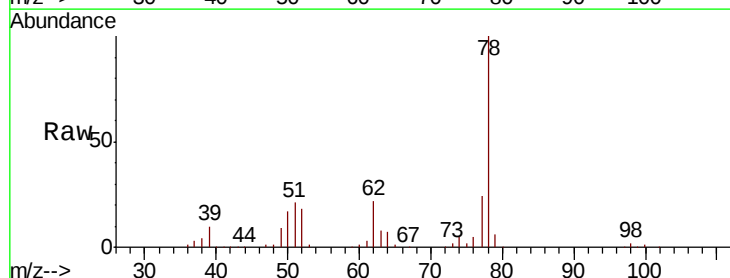


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

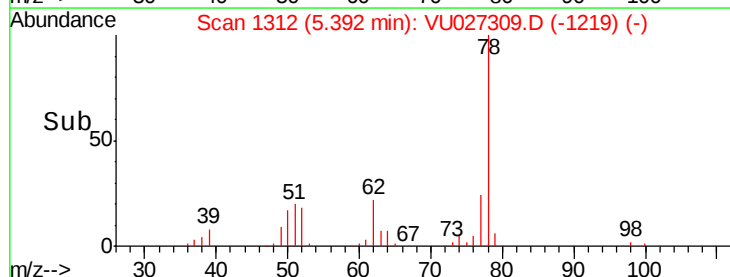
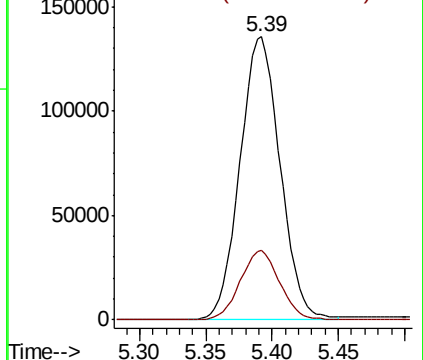


#40
Benzene
Concen: 48.149 ug/l
RT: 5.39 min Scan# 1312
Delta R.T. 0.00 min
Lab File: VU027309.D
Acq: 29 Sep 2018 06:34

Tgt Ion: 78 Resp: 285637
Ion Ratio Lower Upper
78 100
77 24.4 19.4 29.0



Abundance Ion 78.00 (77.70 to 78.70): VU0
Ion 77.00 (76.70 to 77.70): VU0

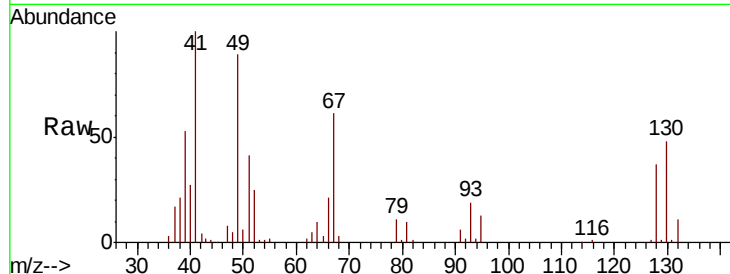




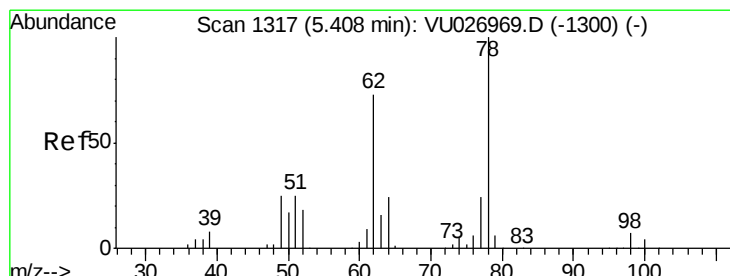
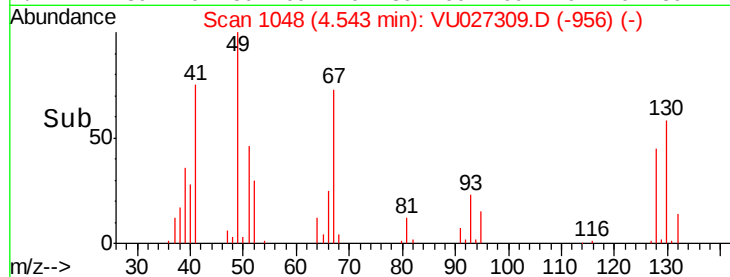
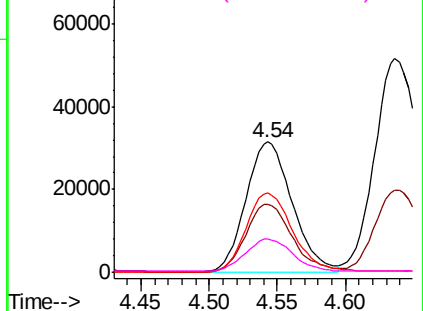
#41
Methacrylonitrile
Concen: 54.296 ug/l
RT: 4.54 min Scan# 1048
Delta R.T. -0.00 min
Lab File: VU027309.D
Acq: 29 Sep 2018 06:34

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	41	Resp:	74494
Ion	Ratio	Lower	Upper
41	100		
39	52.6	42.9	64.3
67	61.5	52.4	78.6
52	25.3	21.3	31.9

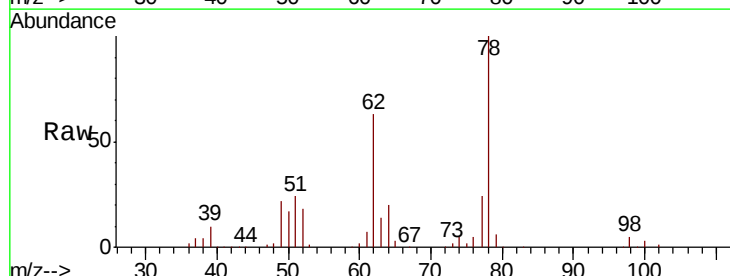


Abundance Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 67.00 (66.70 to 67.70): VU0
Ion 52.00 (51.70 to 52.70): VU0

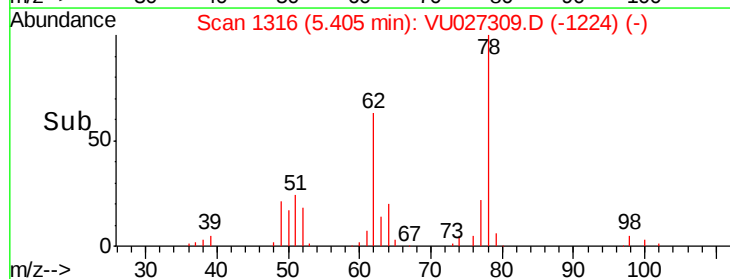
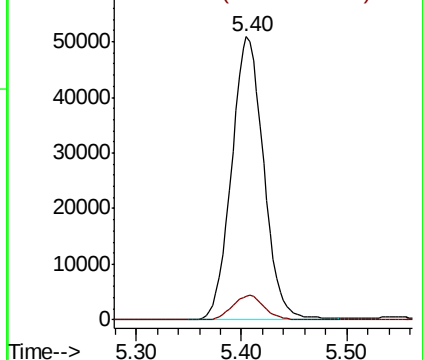


#42
1,2-Dichloroethane
Concen: 47.988 ug/l
RT: 5.40 min Scan# 1316
Delta R.T. -0.00 min
Lab File: VU027309.D
Acq: 29 Sep 2018 06:34

Tgt Ion:	62	Resp:	107558
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	17.0



Abundance Ion 61.90 (61.60 to 62.60): VU0
Ion 97.90 (97.60 to 98.60): VU0





#43

Isopropyl Acetate

Concen: 53.574 ug/l

RT: 5.55 min Scan# 1361

Delta R.T. -0.00 min

Lab File: VU027309.D

Acq: 29 Sep 2018 06:34

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

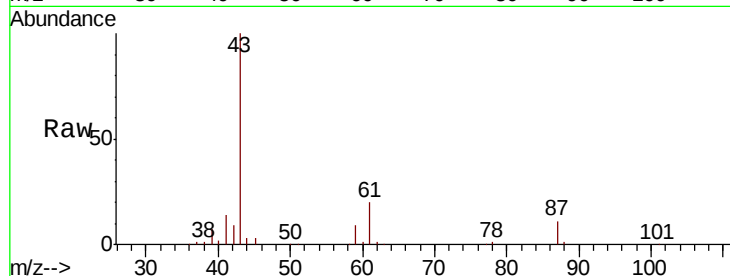
Tgt Ion: 43 Resp: 206402

Ion Ratio Lower Upper

43 100

61 19.0 15.7 23.5

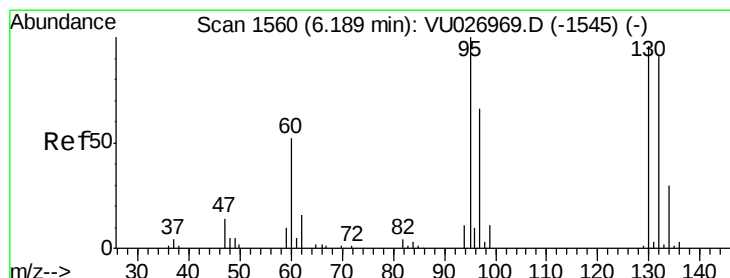
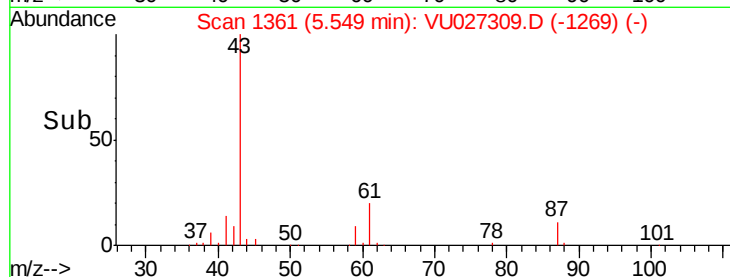
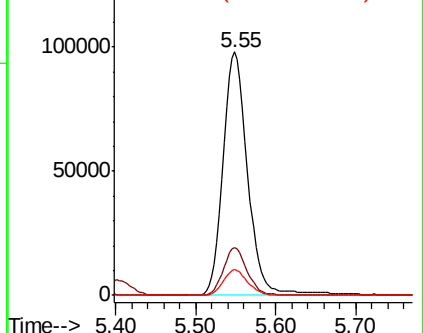
87 10.4 9.0 13.4



Abundance Ion 43.00 (42.70 to 43.70): VU026969.D (-1342) (-)

Ion 61.00 (60.70 to 61.70): VU026969.D (-1342) (-)

Ion 87.00 (86.70 to 87.70): VU026969.D (-1342) (-)



#44

Trichloroethene

Concen: 49.384 ug/l

RT: 6.19 min Scan# 1559

Delta R.T. -0.00 min

Lab File: VU027309.D

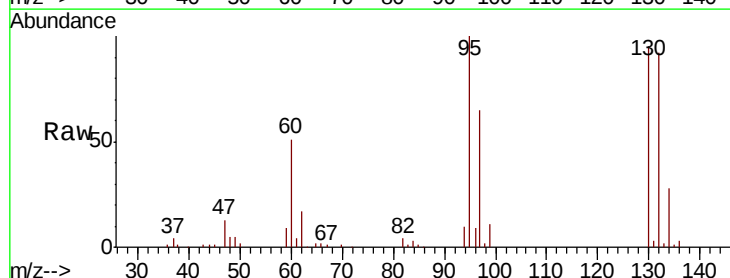
Acq: 29 Sep 2018 06:34

Tgt Ion: 130 Resp: 62369

Ion Ratio Lower Upper

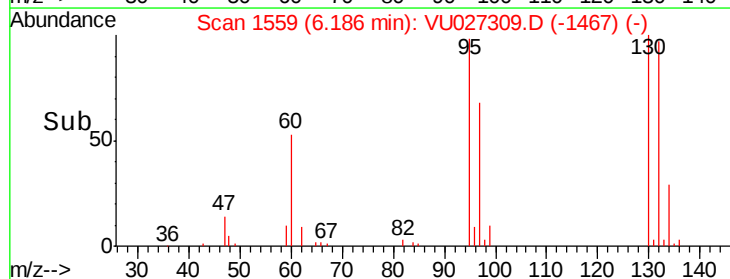
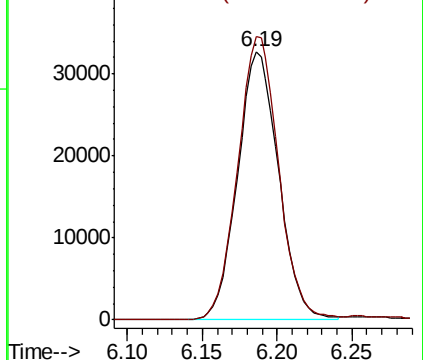
130 100

95 105.5 0.0 208.8



Abundance Ion 129.80 (129.50 to 130.50): VU026969.D (-1545) (-)

Ion 94.90 (94.60 to 95.60): VU026969.D (-1545) (-)

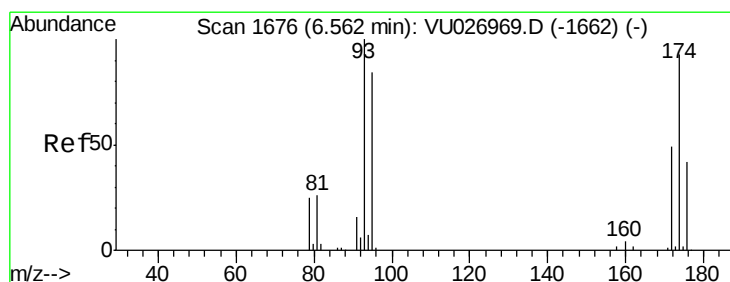
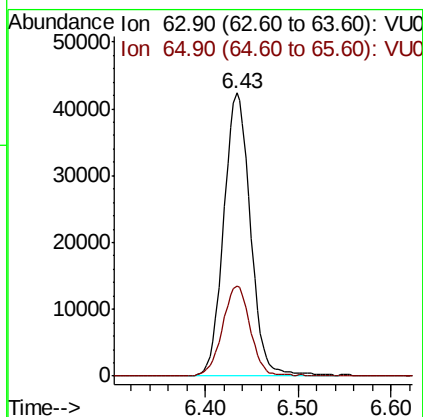
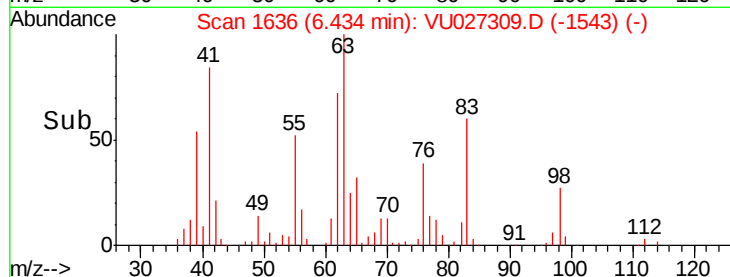
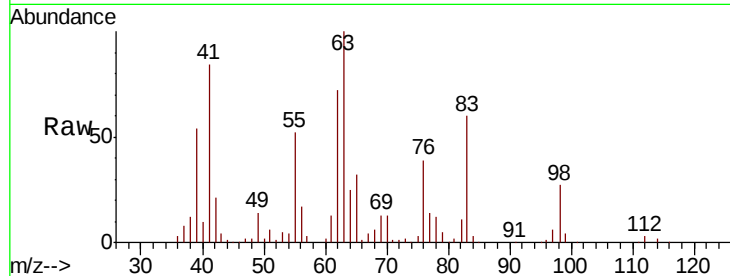




#45
 1,2-Dichloropropane
 Concen: 50.291 ug/l
 RT: 6.43 min Scan# 1636
 Delta R.T. 0.00 min
 Lab File: VU027309.D
 Acq: 29 Sep 2018 06:34

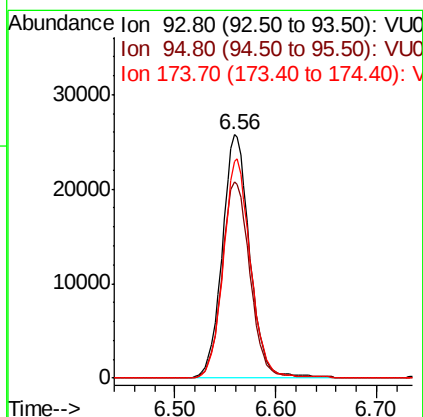
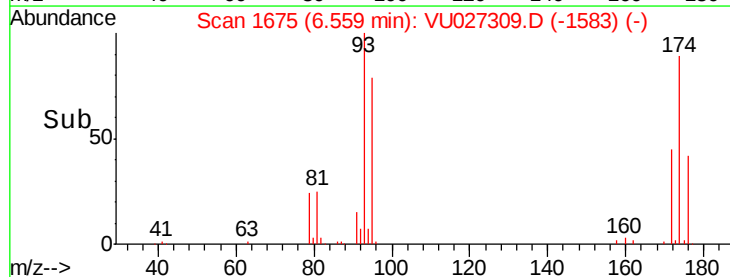
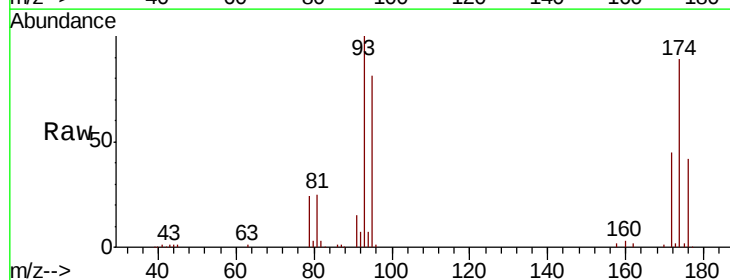
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 63 Resp: 85010
 Ion Ratio Lower Upper
 63 100
 65 31.9 24.3 36.5



#46
 Dibromomethane
 Concen: 48.020 ug/l
 RT: 6.56 min Scan# 1675
 Delta R.T. -0.00 min
 Lab File: VU027309.D
 Acq: 29 Sep 2018 06:34

Tgt Ion: 93 Resp: 49023
 Ion Ratio Lower Upper
 93 100
 95 81.8 66.2 99.4
 174 88.6 71.7 107.5

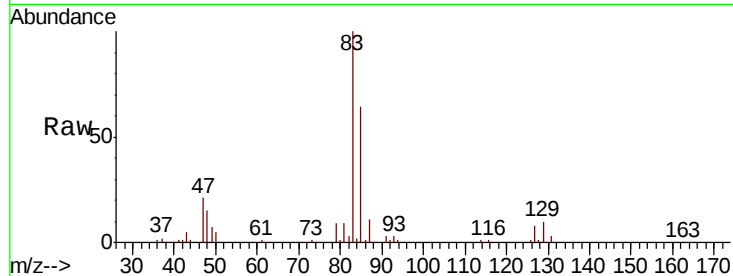




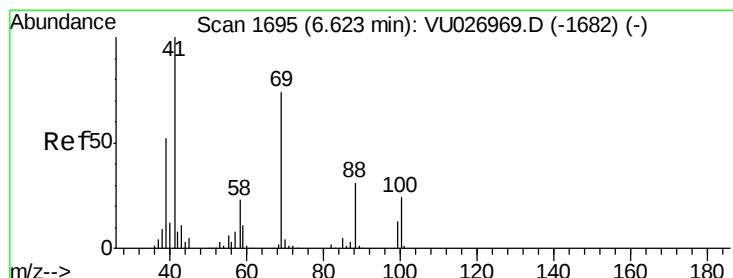
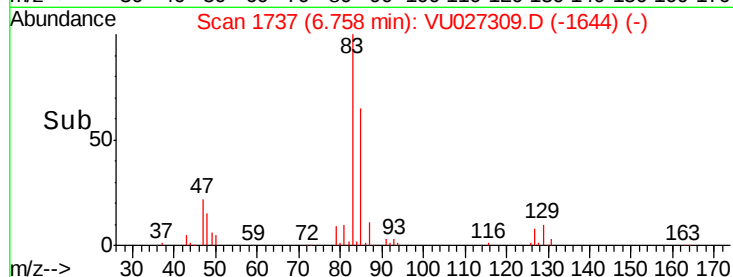
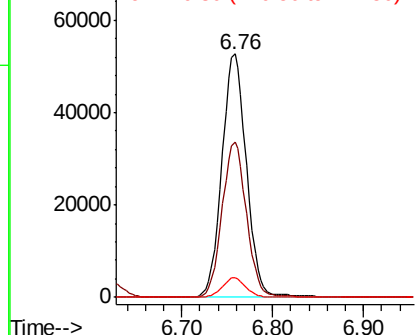
#47
Bromodichloromethane
Concen: 47.823 ug/l
RT: 6.76 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VU027309.D
Acq: 29 Sep 2018 06:34

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 98720
Ion Ratio Lower Upper
83 100
85 64.0 52.5 78.7
127 7.9 6.3 9.5

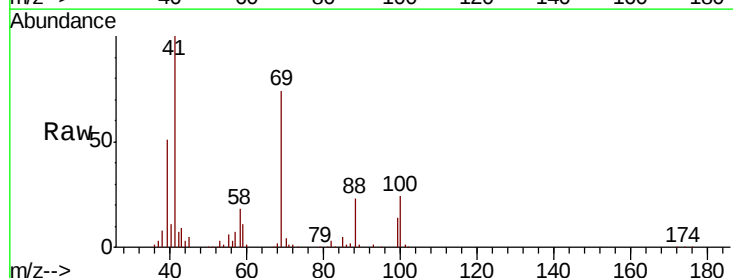


Abundance Ion 82.90 (82.60 to 83.60): VU0
Ion 84.90 (84.60 to 85.60): VU0
Ion 126.80 (126.50 to 127.50): V

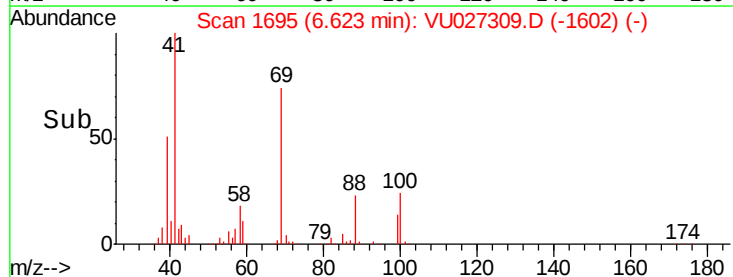
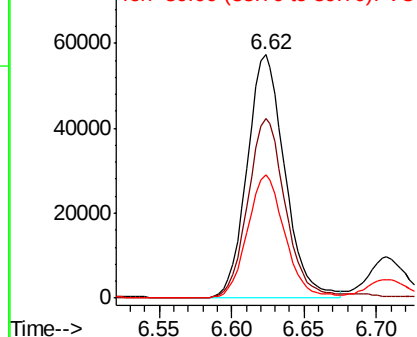


#48
Methyl methacrylate
Concen: 49.585 ug/l
RT: 6.62 min Scan# 1695
Delta R.T. 0.00 min
Lab File: VU027309.D
Acq: 29 Sep 2018 06:34

Tgt Ion: 41 Resp: 103958
Ion Ratio Lower Upper
41 100
69 75.7 60.6 90.8
39 50.4 42.8 64.2



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

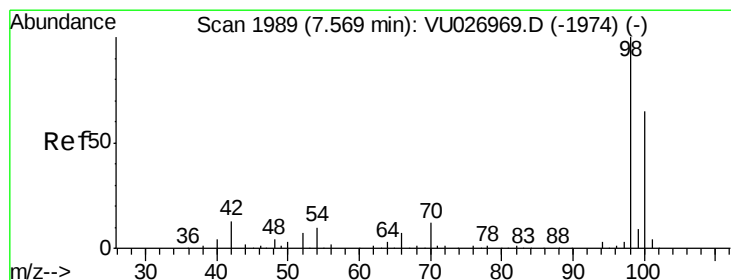
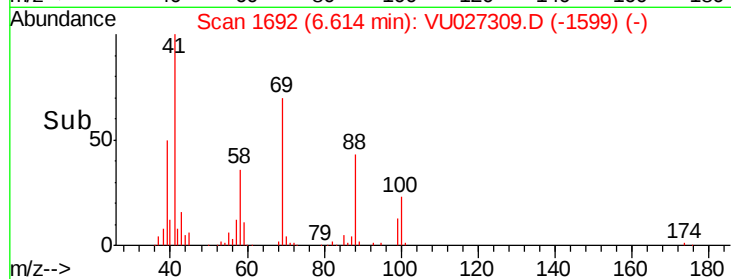
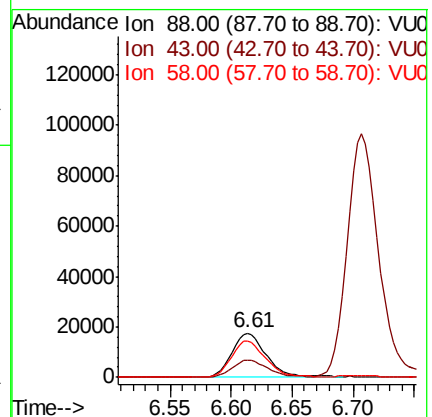
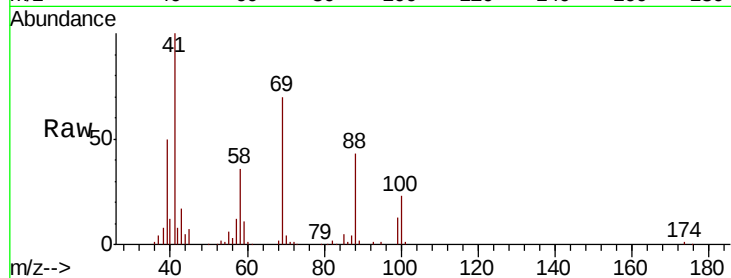




#49
1,4-Dioxane
Concen: 835.122 ug/l
RT: 6.61 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VU027309.D
Acq: 29 Sep 2018 06:34

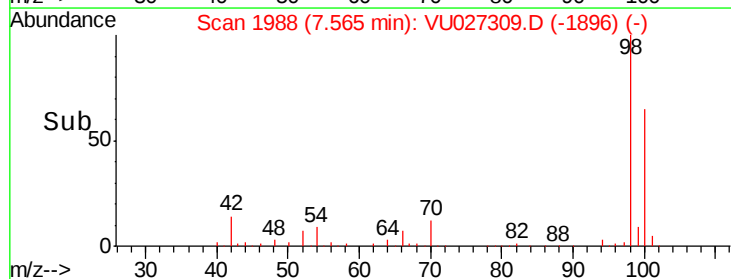
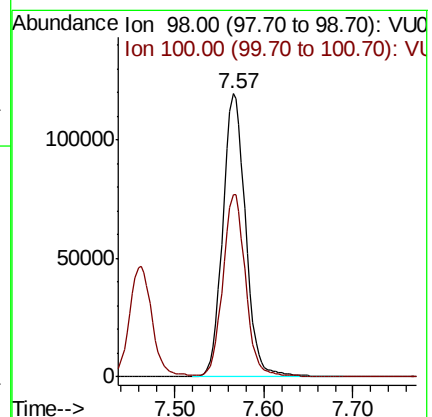
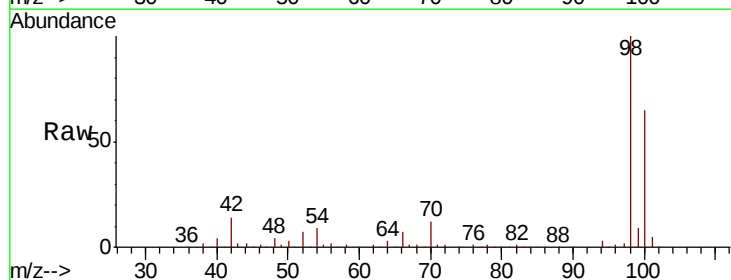
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

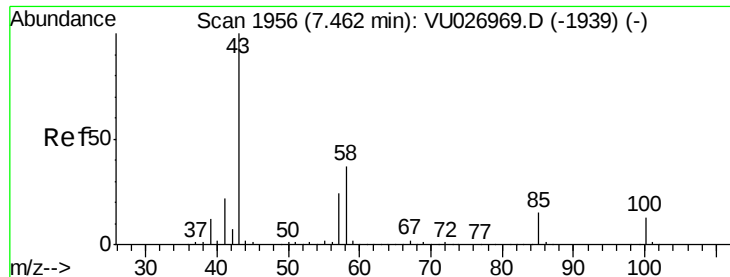
Tgt Ion: 88 Resp: 34790
Ion Ratio Lower Upper
88 100
43 38.6 29.8 44.8
58 81.7 63.9 95.9



#50
Toluene-d8
Concen: 43.864 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VU027309.D
Acq: 29 Sep 2018 06:34

Tgt Ion: 98 Resp: 211875
Ion Ratio Lower Upper
98 100
100 64.5 52.1 78.1





#51

4-Methyl-2-Pentanone

Concen: 260.713 ug/l

RT: 7.46 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VU027309.D

Acq: 29 Sep 2018 06:34

Instrument :

MSVOA_U

ClientSampleId :

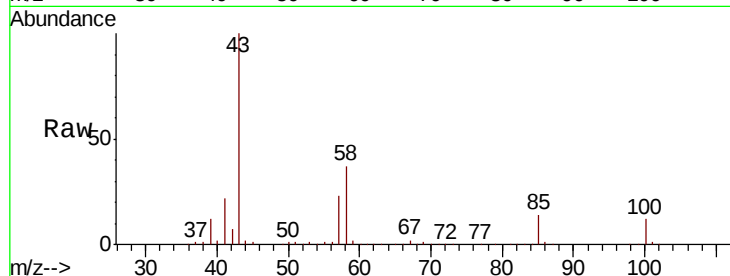
VSTDCCC050EC

Tgt Ion: 43 Resp: 675550

Ion Ratio Lower Upper

43 100

58 37.2 29.8 44.6



Abundance Ion 43.00 (42.70 to 43.70): VU026969.D (-1939) (-)

Ion 58.00 (57.70 to 58.70): VU026969.D (-1939) (-)

7.46

400000

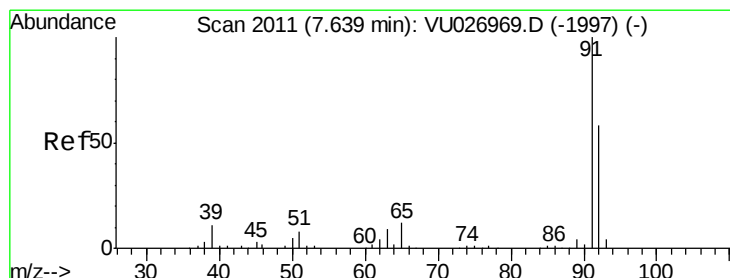
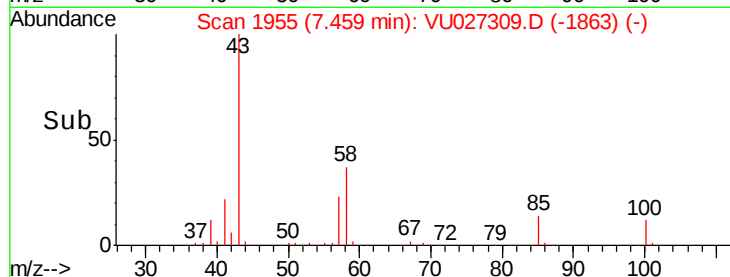
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 50.496 ug/l

RT: 7.64 min Scan# 2011

Delta R.T. 0.00 min

Lab File: VU027309.D

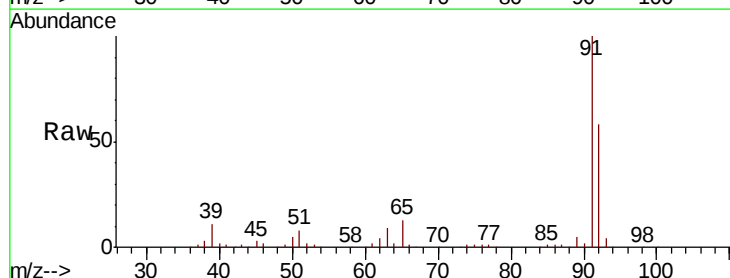
Acq: 29 Sep 2018 06:34

Tgt Ion: 92 Resp: 171710

Ion Ratio Lower Upper

92 100

91 171.9 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VU026969.D (-1997) (-)

Ion 91.00 (90.70 to 91.70): VU026969.D (-1997) (-)

7.64

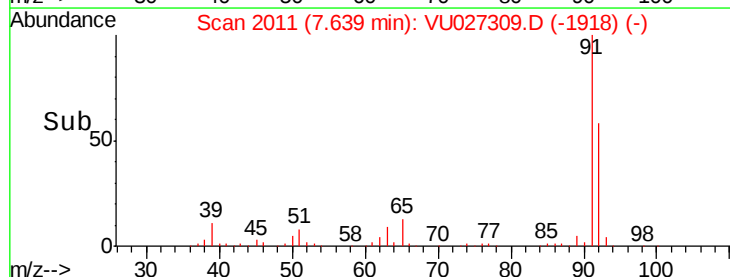
150000

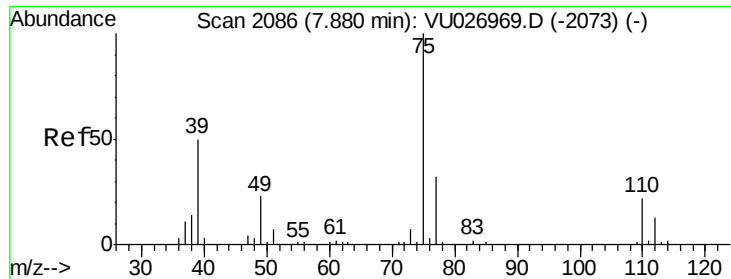
100000

50000

0

Time-->

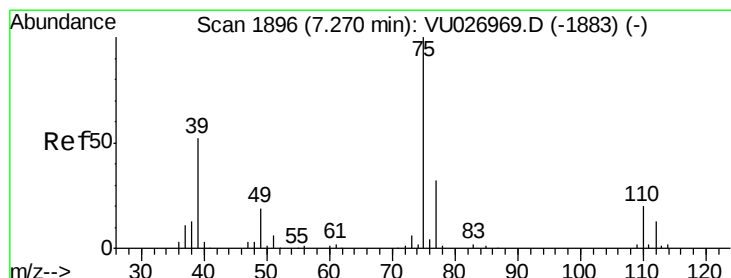
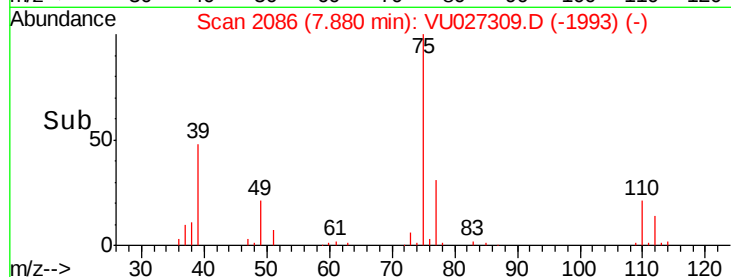
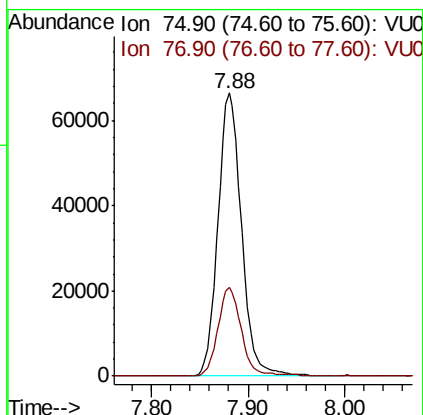
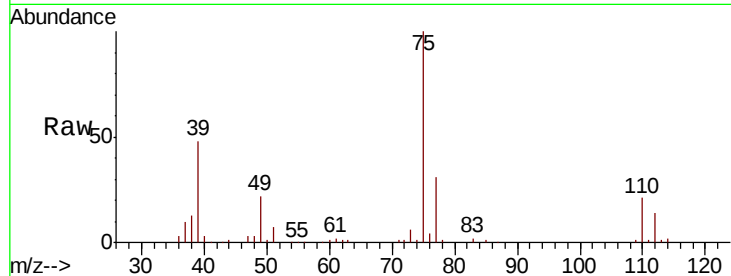




#53
 t-1,3-Dichloropropene
 Concen: 50.730 ug/l
 RT: 7.88 min Scan# 2086
 Delta R.T. 0.00 min
 Lab File: VU027309.D
 Acq: 29 Sep 2018 06:34

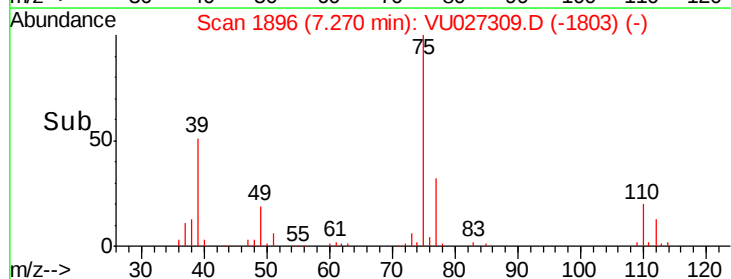
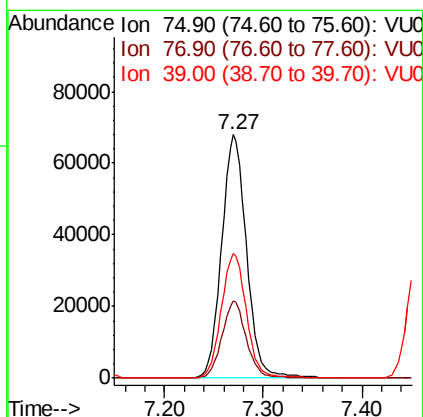
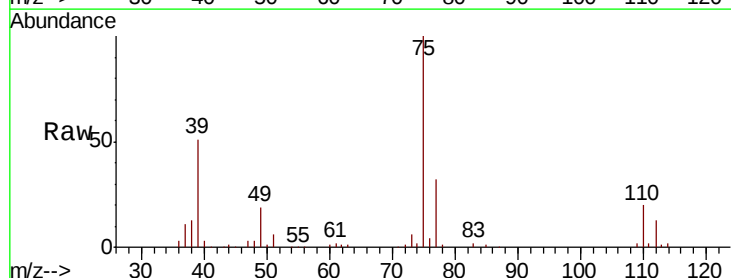
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 75 Resp: 112514
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 49.351 ug/l
 RT: 7.27 min Scan# 1896
 Delta R.T. 0.00 min
 Lab File: VU027309.D
 Acq: 29 Sep 2018 06:34

Tgt Ion: 75 Resp: 120348
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.4 38.0
 39 51.0 41.6 62.4

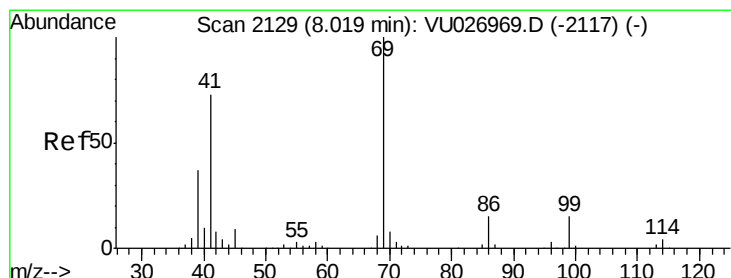
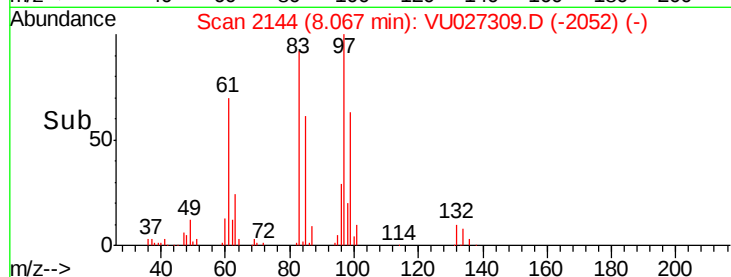
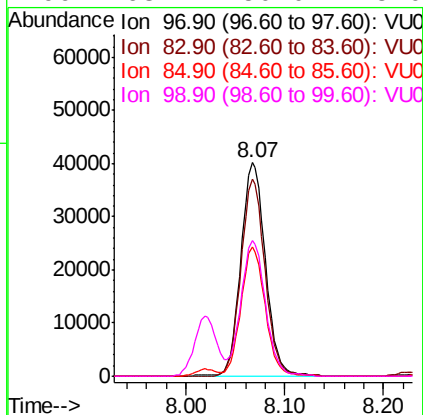
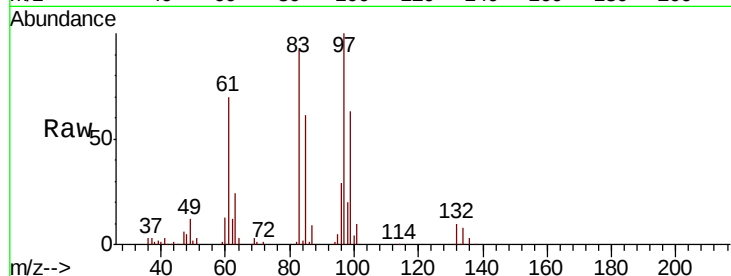




#55
 1,1,2-Trichloroethane
 Concen: 48.140 ug/l
 RT: 8.07 min Scan# 2144
 Delta R.T. -0.00 min
 Lab File: VU027309.D
 Acq: 29 Sep 2018 06:34

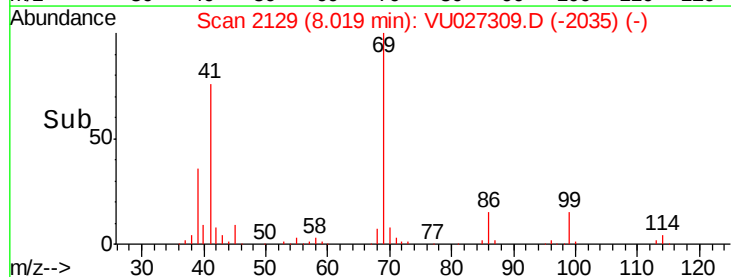
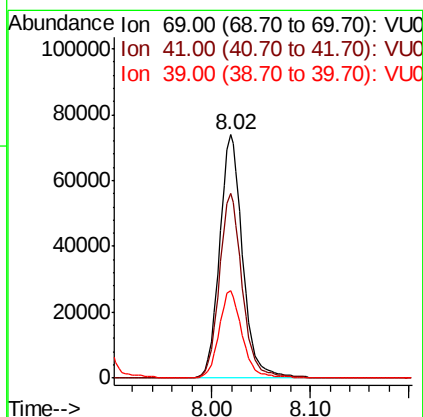
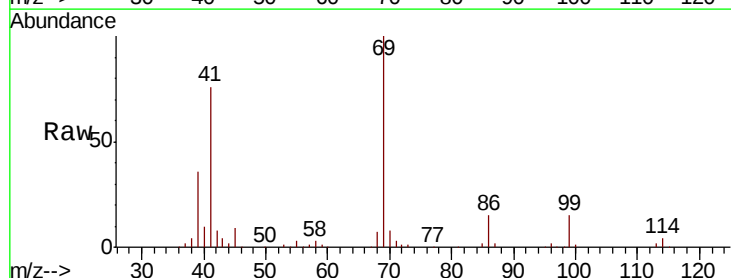
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

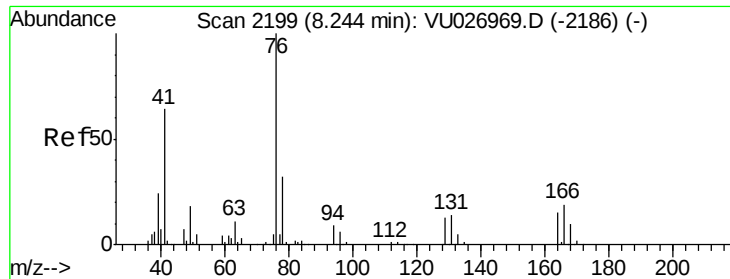
Tgt Ion: 97 Resp: 69363
 Ion Ratio Lower Upper
 97 100
 83 92.3 73.1 109.7
 85 60.6 46.7 70.1
 99 63.4 50.0 75.0



#56
 Ethyl methacrylate
 Concen: 48.523 ug/l
 RT: 8.02 min Scan# 2129
 Delta R.T. 0.00 min
 Lab File: VU027309.D
 Acq: 29 Sep 2018 06:34

Tgt Ion: 69 Resp: 121139
 Ion Ratio Lower Upper
 69 100
 41 75.9 59.0 88.4
 39 35.8 30.2 45.4

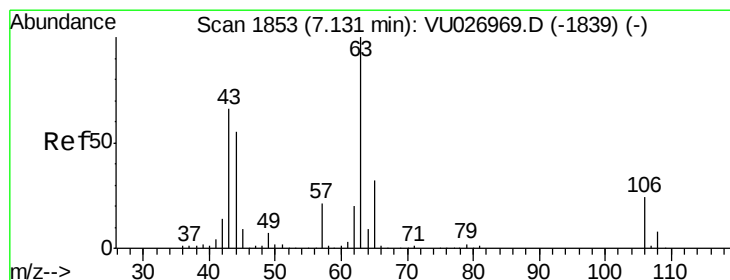
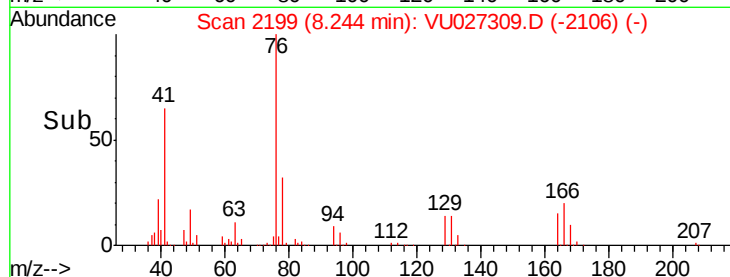
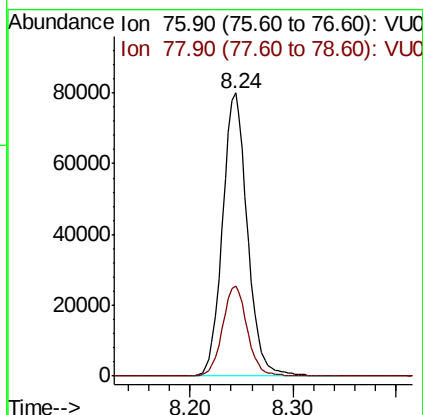
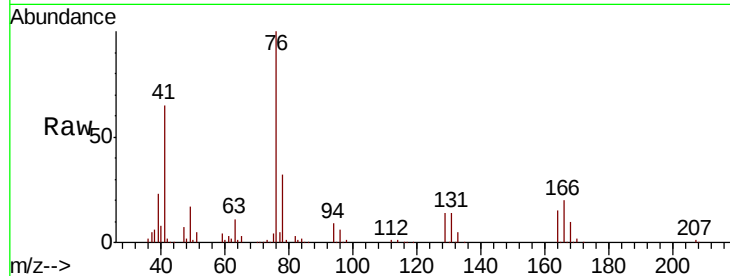




#57
 1,3-Dichloropropane
 Concen: 50.086 ug/l
 RT: 8.24 min Scan# 2199
 Delta R.T. 0.00 min
 Lab File: VU027309.D
 Acq: 29 Sep 2018 06:34

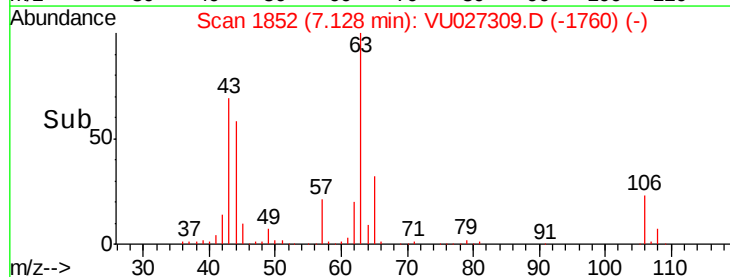
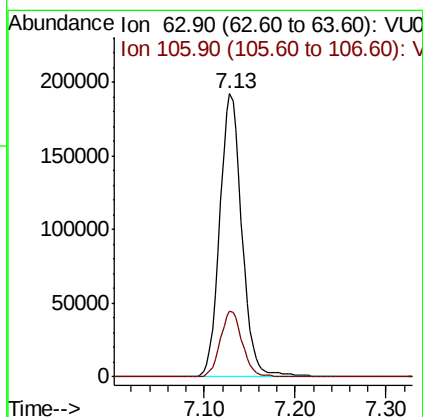
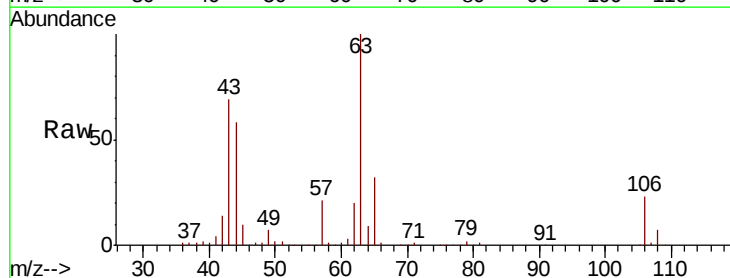
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

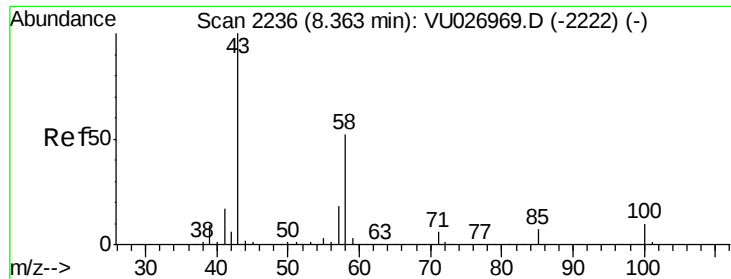
Tgt Ion: 76 Resp: 134224
 Ion Ratio Lower Upper
 76 100
 78 31.6 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 229.804 ug/l
 RT: 7.13 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VU027309.D
 Acq: 29 Sep 2018 06:34

Tgt Ion: 63 Resp: 325482
 Ion Ratio Lower Upper
 63 100
 106 23.2 18.7 28.1

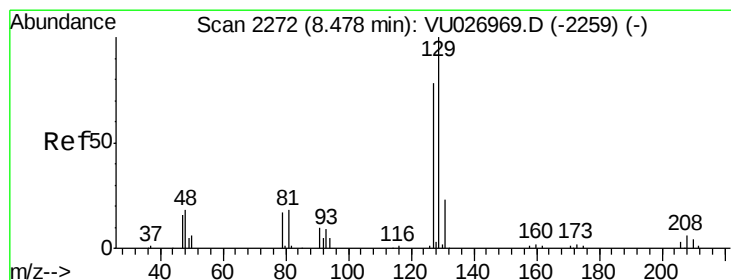
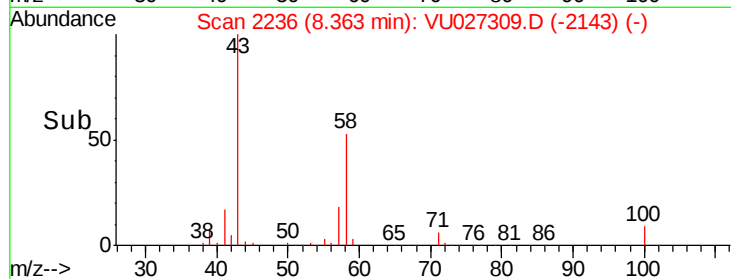
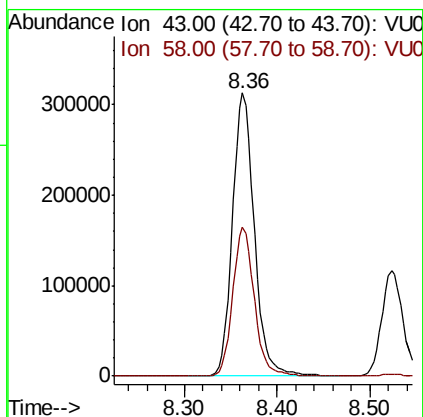
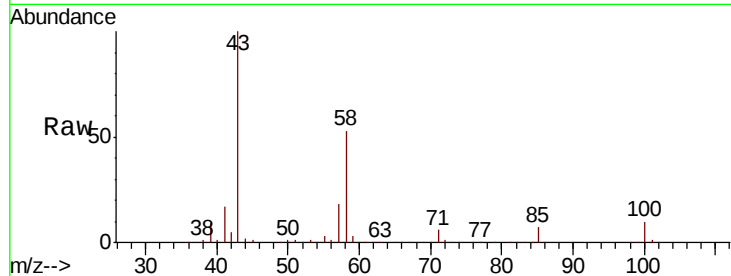




#59
 2-Hexanone
 Concen: 252.991 ug/l
 RT: 8.36 min Scan# 2236
 Delta R.T. 0.00 min
 Lab File: VU027309.D
 Acq: 29 Sep 2018 06:34

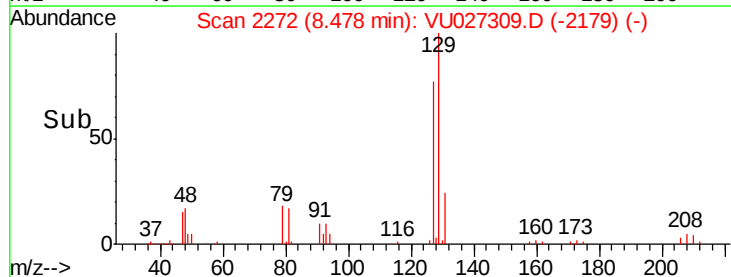
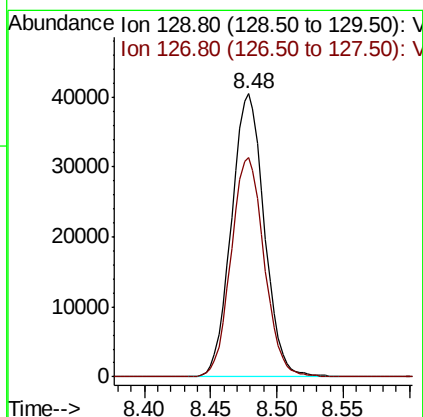
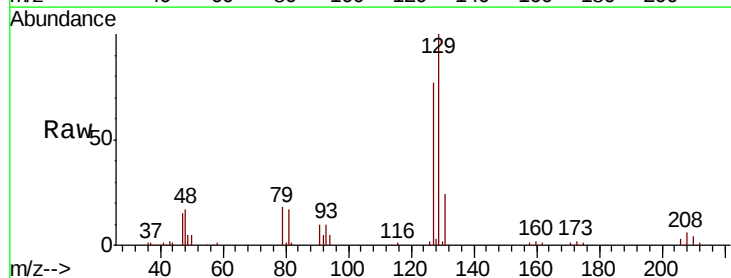
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

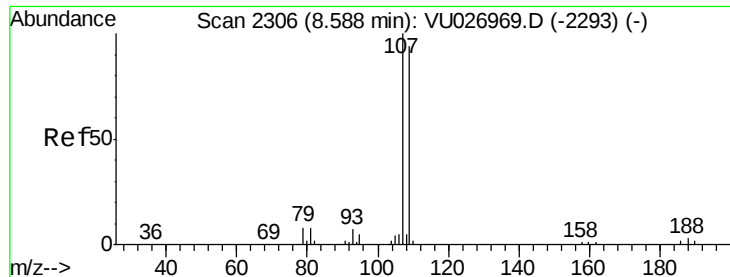
Tgt Ion: 43 Resp: 513143
 Ion Ratio Lower Upper
 43 100
 58 52.0 26.1 78.2



#60
 Dibromochloromethane
 Concen: 49.401 ug/l
 RT: 8.48 min Scan# 2272
 Delta R.T. 0.00 min
 Lab File: VU027309.D
 Acq: 29 Sep 2018 06:34

Tgt Ion: 129 Resp: 69820
 Ion Ratio Lower Upper
 129 100
 127 77.9 38.1 114.5

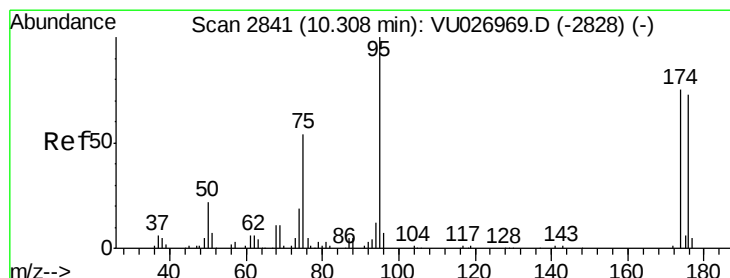
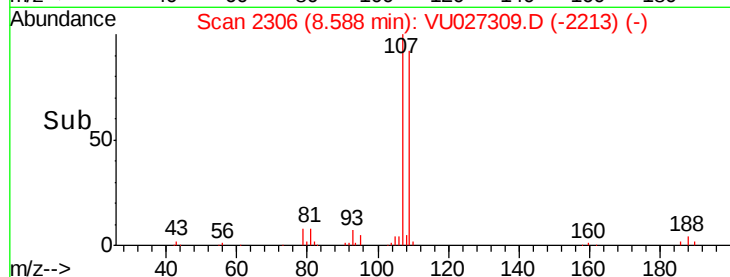
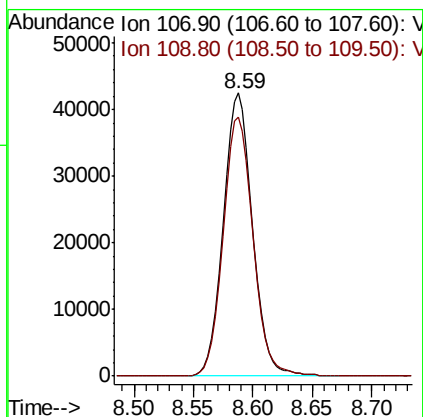
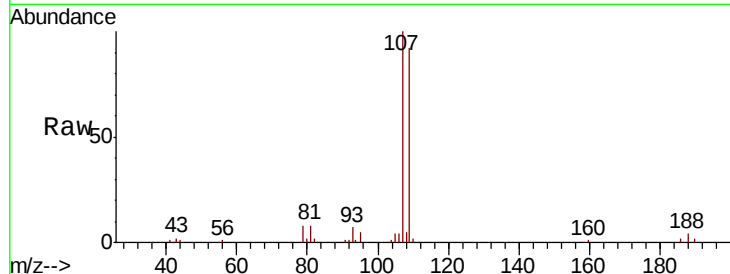




#61
 1,2-Dibromoethane
 Concen: 48.030 ug/l
 RT: 8.59 min Scan# 2306
 Delta R.T. 0.00 min
 Lab File: VU027309.D
 Acq: 29 Sep 2018 06:34

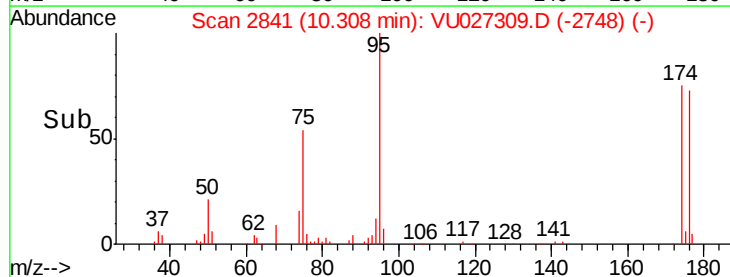
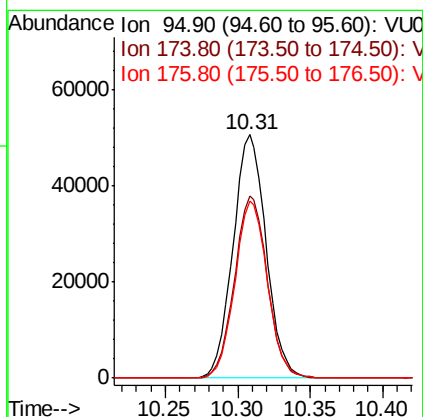
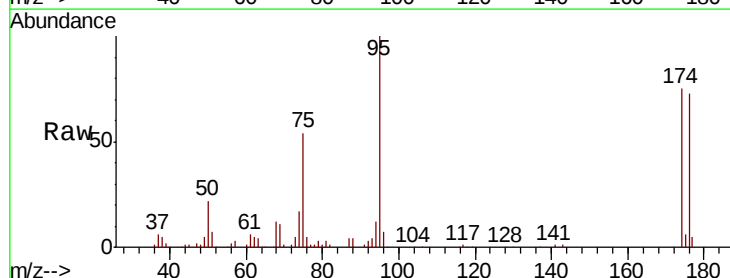
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

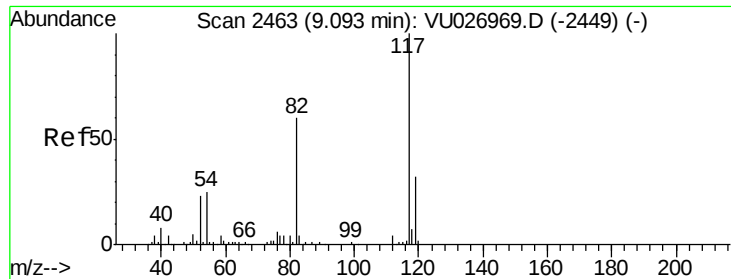
Tgt Ion: 107 Resp: 72005
 Ion Ratio Lower Upper
 107 100
 109 94.0 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 48.204 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. 0.00 min
 Lab File: VU027309.D
 Acq: 29 Sep 2018 06:34

Tgt Ion: 95 Resp: 79893
 Ion Ratio Lower Upper
 95 100
 174 74.2 0.0 150.2
 176 71.8 0.0 145.2

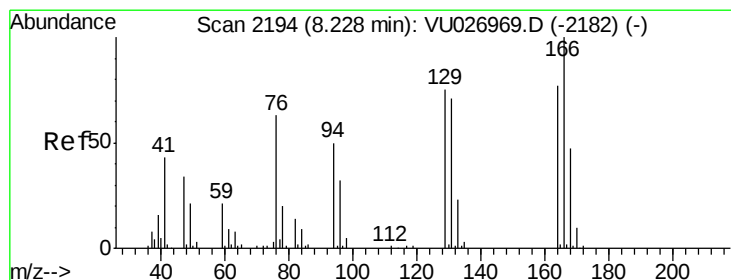
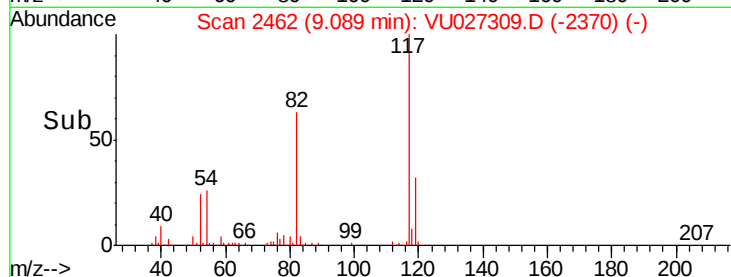
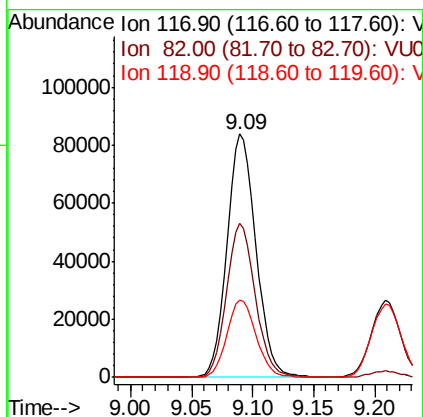
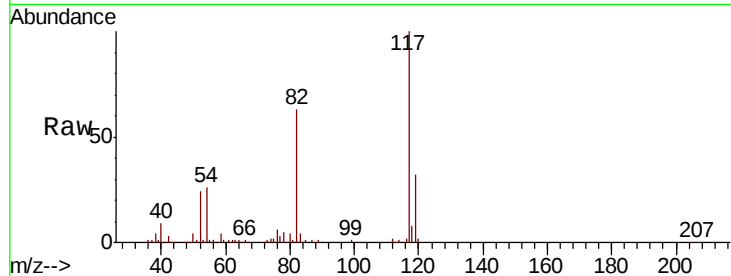




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU027309.D
Acq: 29 Sep 2018 06:34

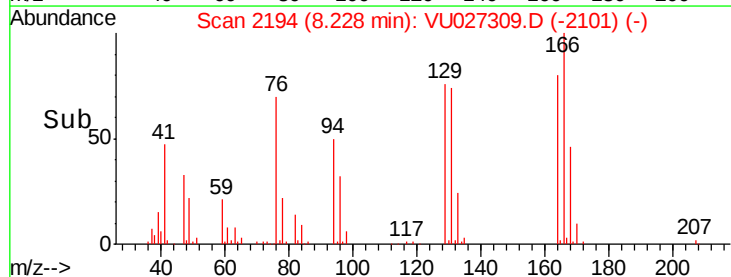
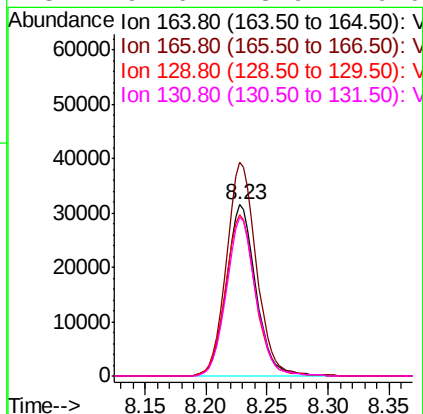
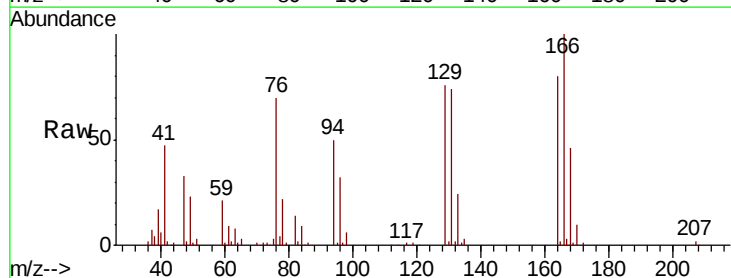
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion:117 Resp: 139459
Ion Ratio Lower Upper
117 100
82 63.2 48.0 72.0
119 31.8 25.8 38.8



#64
Tetrachloroethene
Concen: 49.773 ug/l
RT: 8.23 min Scan# 2194
Delta R.T. 0.00 min
Lab File: VU027309.D
Acq: 29 Sep 2018 06:34

Tgt Ion:164 Resp: 53487
Ion Ratio Lower Upper
164 100
166 124.8 104.4 156.6
129 94.3 78.7 118.1
131 92.6 73.9 110.9

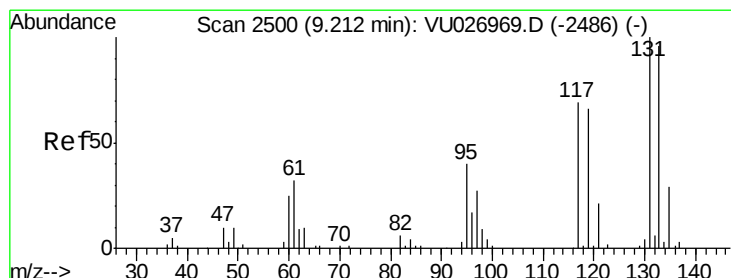
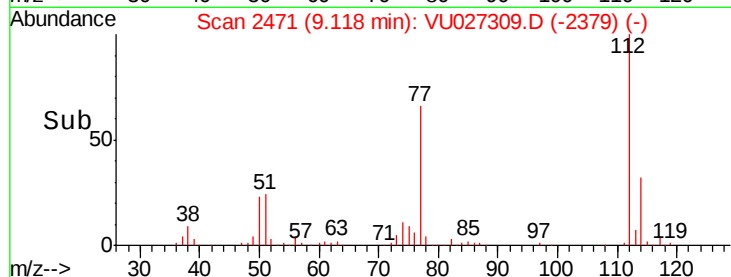
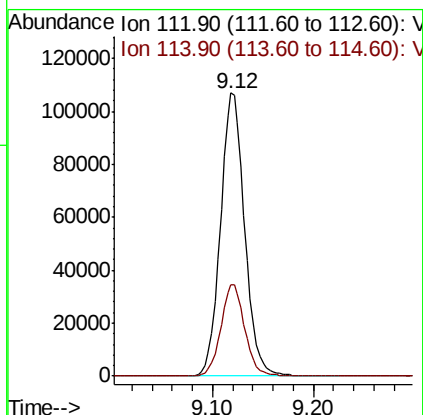
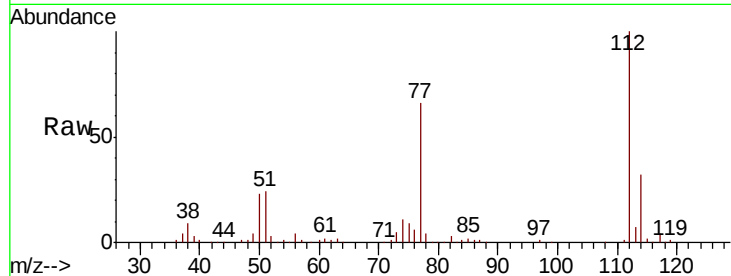




#65
Chlorobenzene
Concen: 48.279 ug/l
RT: 9.12 min Scan# 2471
Delta R.T. -0.00 min
Lab File: VU027309.D
Acq: 29 Sep 2018 06:34

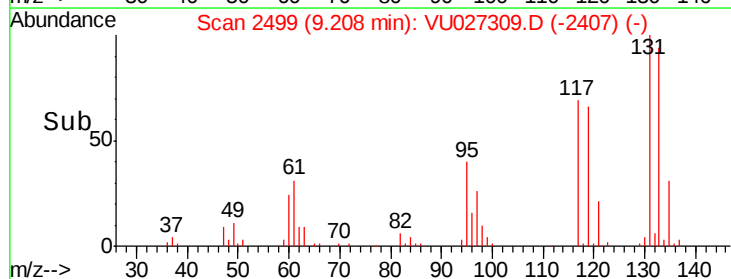
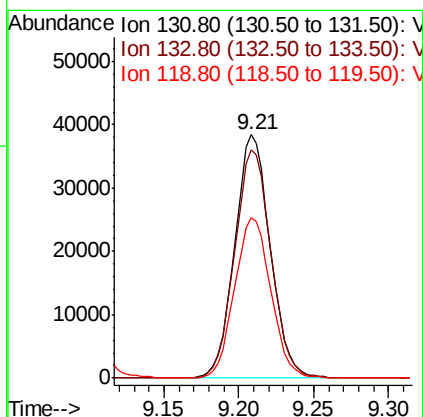
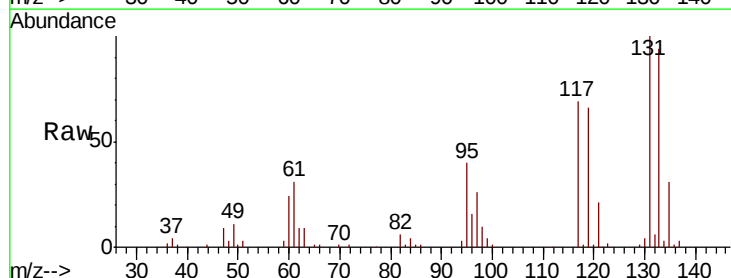
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

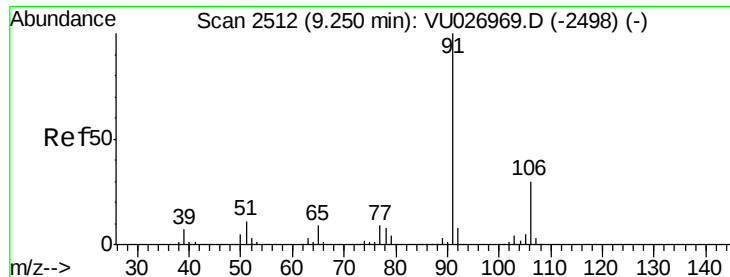
Tgt Ion:112 Resp: 178524
Ion Ratio Lower Upper
112 100
114 32.4 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 49.765 ug/l
RT: 9.21 min Scan# 2499
Delta R.T. -0.00 min
Lab File: VU027309.D
Acq: 29 Sep 2018 06:34

Tgt Ion:131 Resp: 63383
Ion Ratio Lower Upper
131 100
133 96.3 48.0 144.2
119 67.3 33.4 100.1

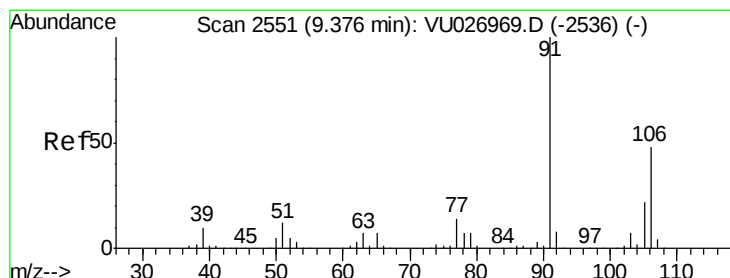
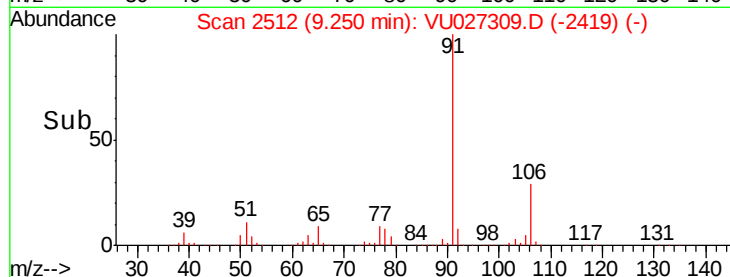
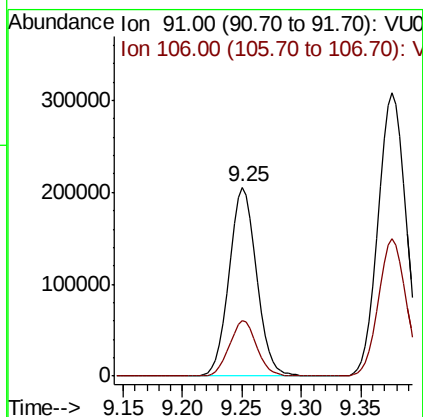
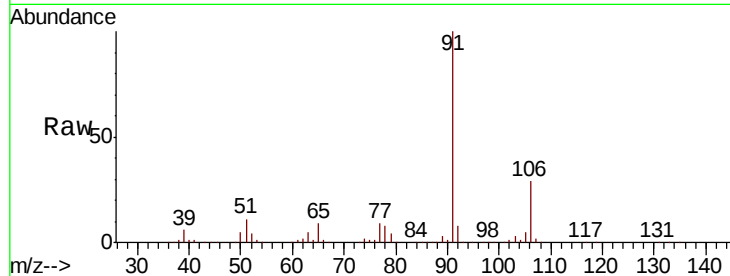




#67
Ethyl Benzene
Concen: 54.077 ug/l
RT: 9.25 min Scan# 2512
Delta R.T. 0.00 min
Lab File: VU027309.D
Acq: 29 Sep 2018 06:34

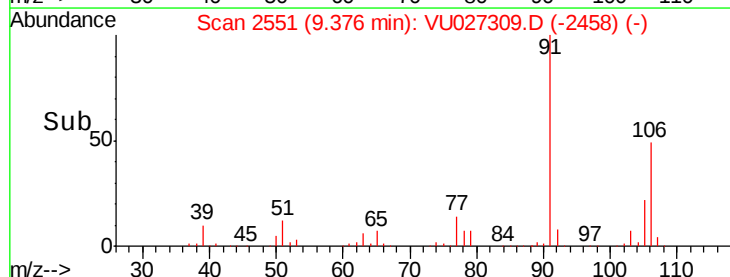
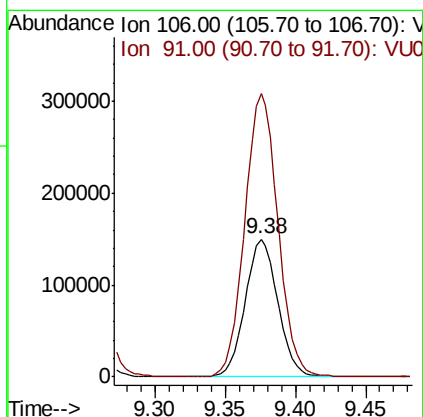
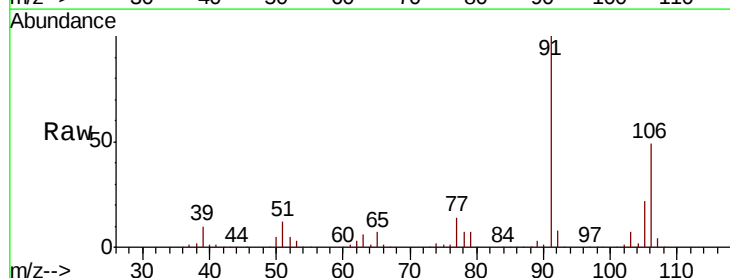
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 328821
Ion Ratio Lower Upper
91 100
106 29.2 23.8 35.8



#68
m/p-Xylenes
Concen: 98.818 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. 0.00 min
Lab File: VU027309.D
Acq: 29 Sep 2018 06:34

Tgt Ion: 106 Resp: 243300
Ion Ratio Lower Upper
106 100
91 209.0 166.5 249.7

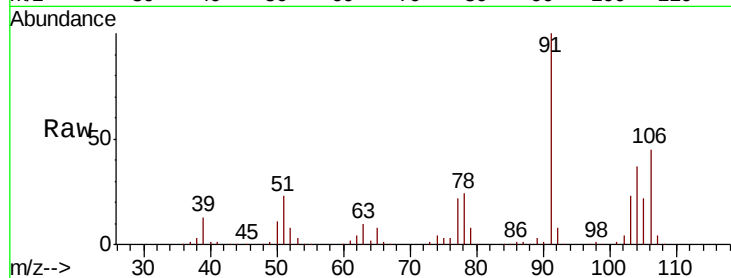




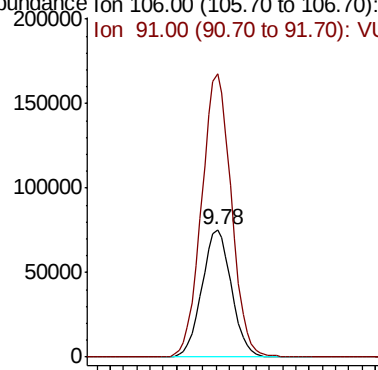
#69
o-Xylene
Concen: 54.107 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VU027309.D
Acq: 29 Sep 2018 06:34

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

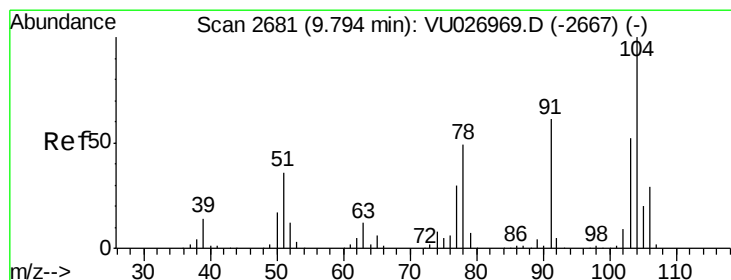
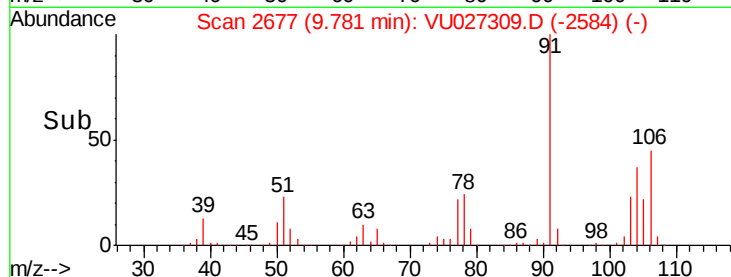
Tgt Ion:106 Resp: 116569
Ion Ratio Lower Upper
106 100
91 224.1 110.2 330.6



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

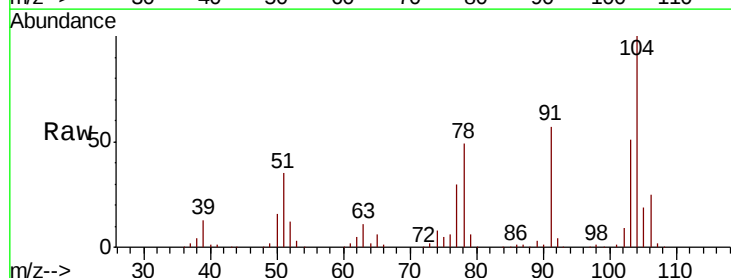


Time-->

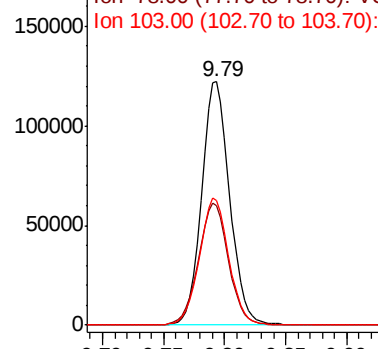


#70
Styrene
Concen: 48.811 ug/l
RT: 9.79 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU027309.D
Acq: 29 Sep 2018 06:34

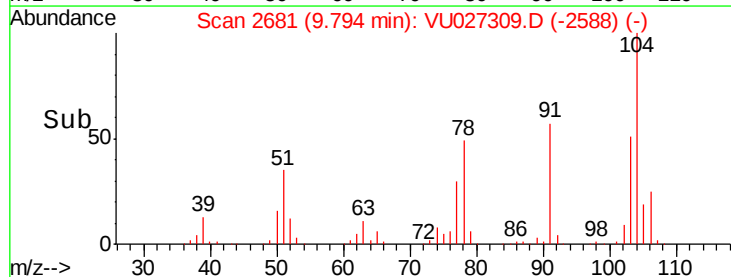
Tgt Ion:104 Resp: 196172
Ion Ratio Lower Upper
104 100
78 53.8 43.0 64.4
103 54.6 44.1 66.1

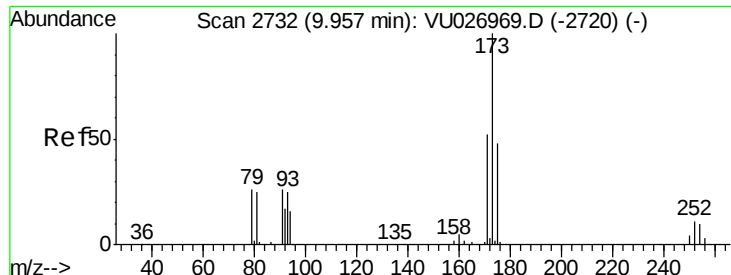


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VU0
Ion 103.00 (102.70 to 103.70): V



Time-->

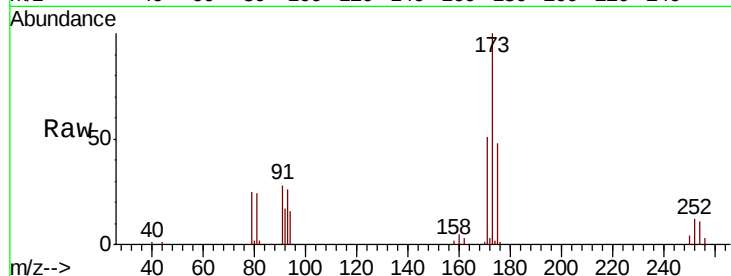




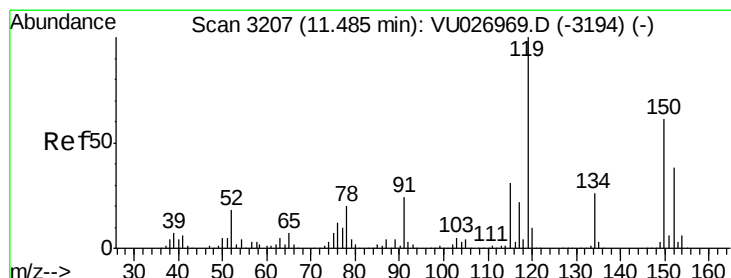
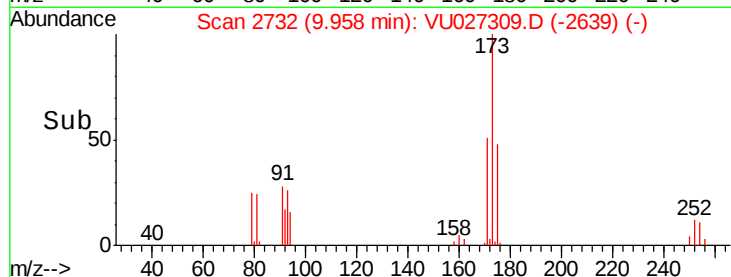
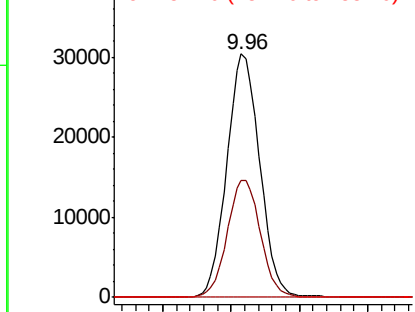
#71
Bromoform
Concen: 51.820 ug/l
RT: 9.96 min Scan# 2732
Delta R.T. 0.00 min
Lab File: VU027309.D
Acq: 29 Sep 2018 06:34

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion:173 Resp: 51038
Ion Ratio Lower Upper
173 100
175 48.2 23.9 71.8
254 0.0 0.0 0.0

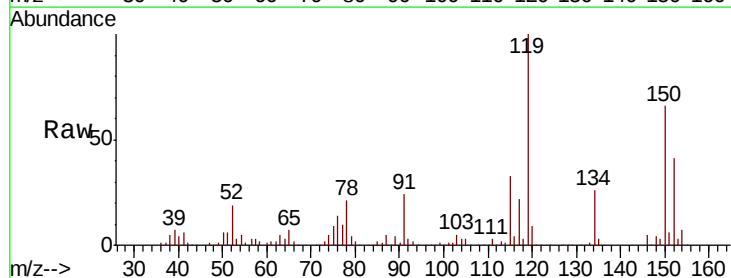


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

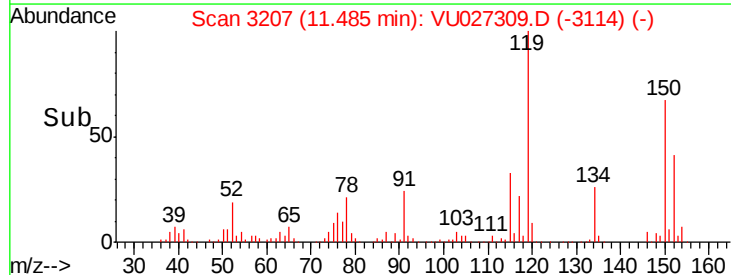
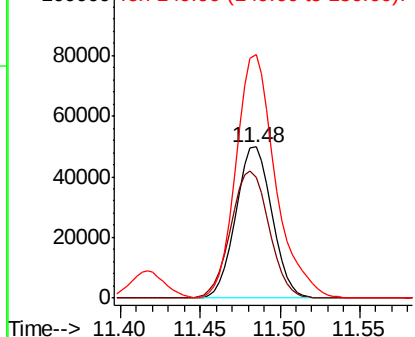


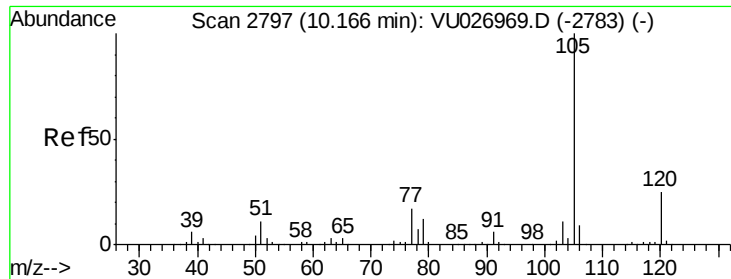
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. 0.00 min
Lab File: VU027309.D
Acq: 29 Sep 2018 06:34

Tgt Ion:152 Resp: 76666
Ion Ratio Lower Upper
152 100
115 89.0 44.9 134.5
150 176.0 0.0 355.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 54.281 ug/l

RT: 10.17 min Scan# 2797

Delta R.T. 0.00 min

Lab File: VU027309.D

Acq: 29 Sep 2018 06:34

Instrument :

MSVOA_U

ClientSampleId :

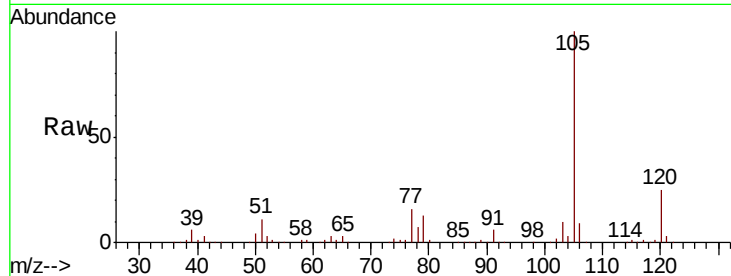
VSTDCCC050EC

Tgt Ion: 105 Resp: 316559

Ion Ratio Lower Upper

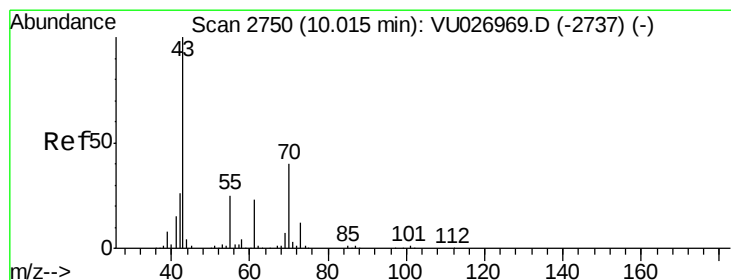
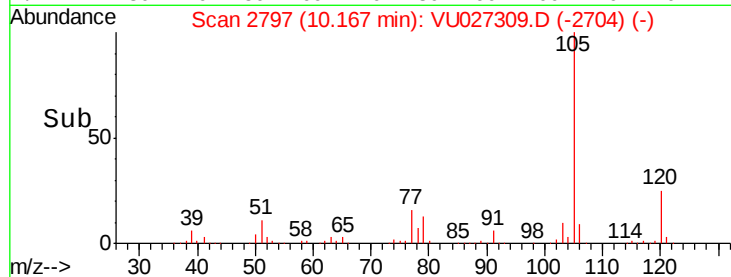
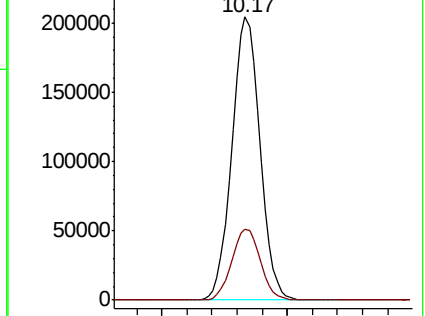
105 100

120 25.6 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 54.537 ug/l

RT: 10.01 min Scan# 2749

Delta R.T. -0.00 min

Lab File: VU027309.D

Acq: 29 Sep 2018 06:34

Tgt Ion: 43 Resp: 184102

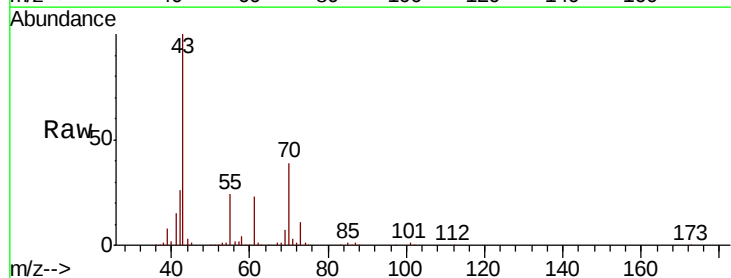
Ion Ratio Lower Upper

43 100

70 39.2 31.8 47.8

55 24.2 19.9 29.9

61 23.2 18.4 27.6

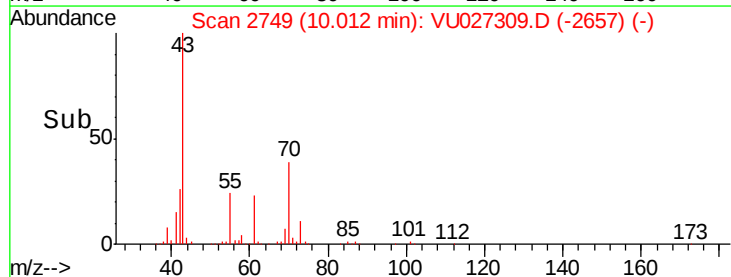
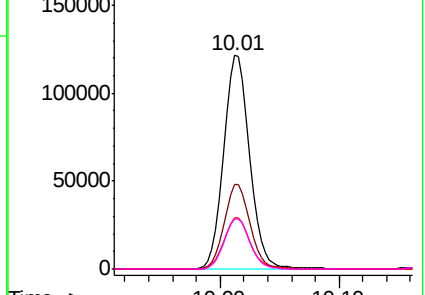


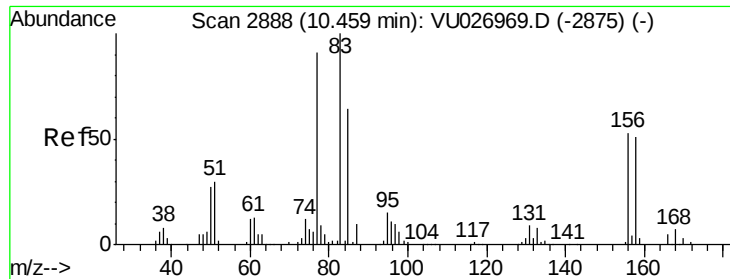
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 61.00 (60.70 to 61.70): VU0





#75

1,1,2,2-Tetrachloroethane

Concen: 45.310 ug/l

RT: 10.46 min Scan# 2888

Delta R.T. 0.00 min

Lab File: VU027309.D

Acq: 29 Sep 2018 06:34

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

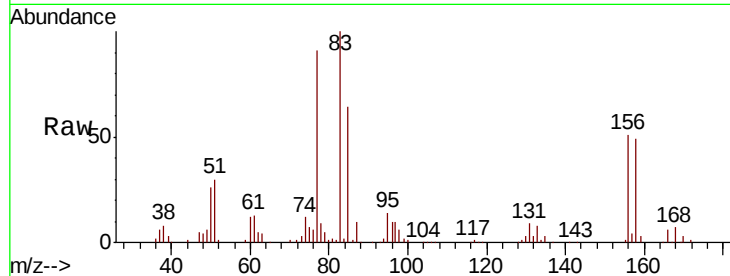
Tgt Ion: 83 Resp: 121493

Ion Ratio Lower Upper

83 100

131 8.7 4.3 12.8

85 63.7 31.9 95.7

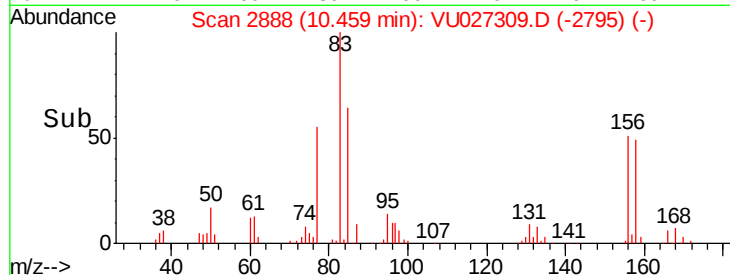


Abundance Ion 82.90 (82.60 to 83.60): VU026969.D (-2875) (-)

Ion 130.80 (130.50 to 131.50): VU026969.D (-2875) (-)

Ion 84.90 (84.60 to 85.60): VU026969.D (-2875) (-)

Time-->

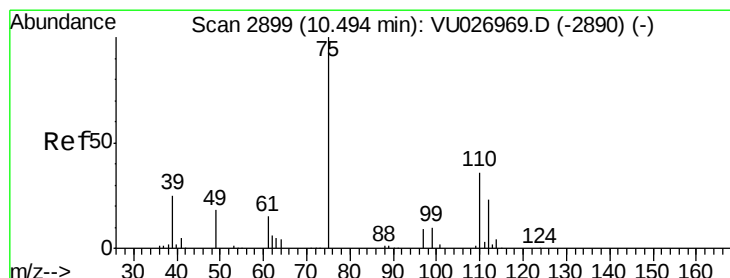


Abundance Ion 82.90 (82.60 to 83.60): VU027309.D (-2795) (-)

Ion 130.80 (130.50 to 131.50): VU027309.D (-2795) (-)

Ion 84.90 (84.60 to 85.60): VU027309.D (-2795) (-)

Time-->



#76

1,2,3-Trichloropropane

Concen: 60.259 ug/l

RT: 10.49 min Scan# 2899

Delta R.T. 0.00 min

Lab File: VU027309.D

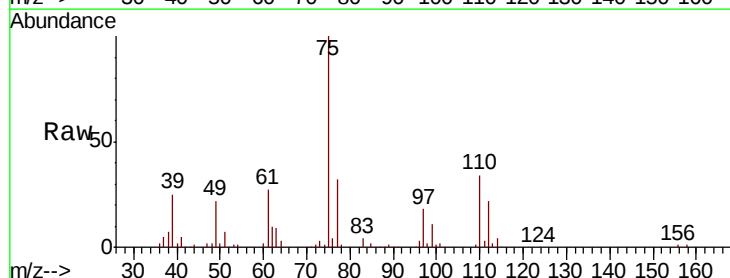
Acq: 29 Sep 2018 06:34

Tgt Ion: 75 Resp: 140349

Ion Ratio Lower Upper

75 100

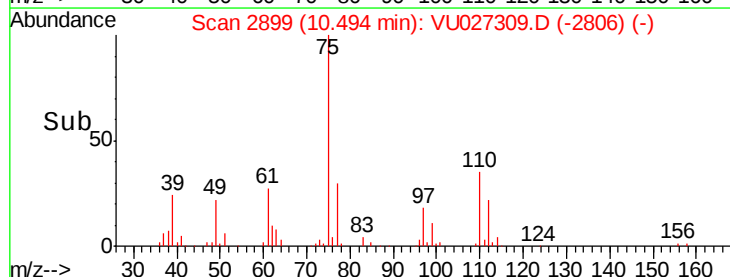
77 30.9 20.9 62.8



Abundance Ion 74.90 (74.60 to 75.60): VU026969.D (-2890) (-)

Ion 77.00 (76.70 to 77.70): VU026969.D (-2890) (-)

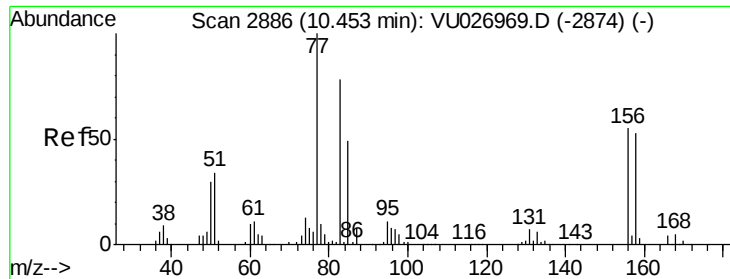
Time-->



Abundance Ion 74.90 (74.60 to 75.60): VU027309.D (-2806) (-)

Ion 77.00 (76.70 to 77.70): VU027309.D (-2806) (-)

Time-->



#77

Bromobenzene

Concen: 50.313 ug/l

RT: 10.45 min Scan# 2886

Delta R.T. 0.00 min

Lab File: VU027309.D

Acq: 29 Sep 2018 06:34

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

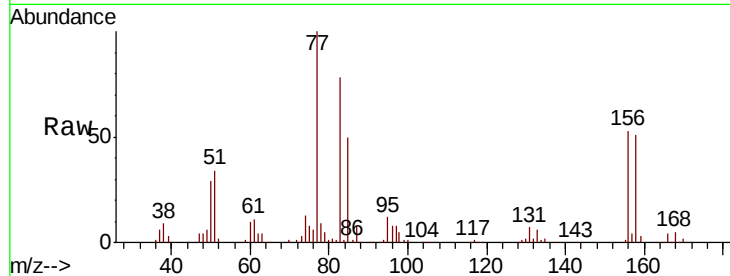
Tgt Ion:156 Resp: 71703

Ion Ratio Lower Upper

156 100

77 189.9 92.3 276.9

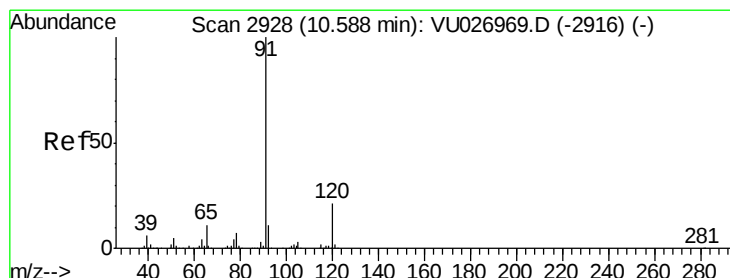
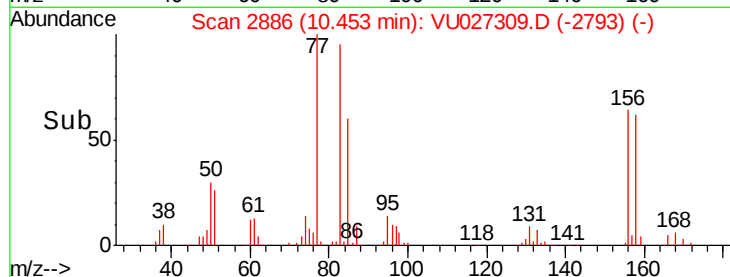
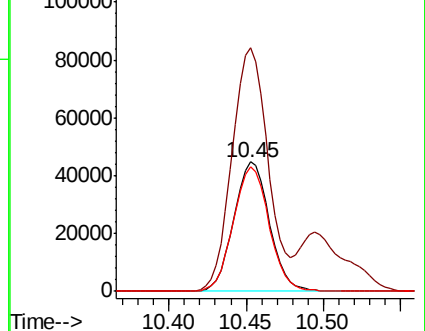
158 96.3 48.1 144.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 55.534 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. 0.00 min

Lab File: VU027309.D

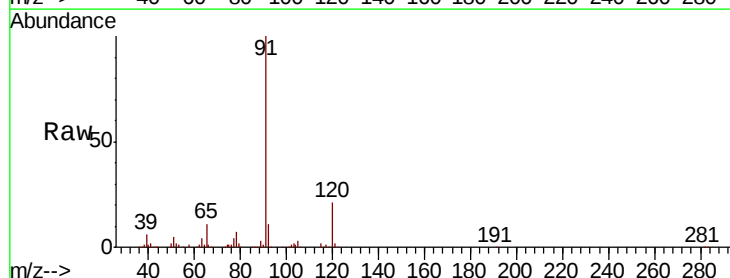
Acq: 29 Sep 2018 06:34

Tgt Ion: 91 Resp: 383212

Ion Ratio Lower Upper

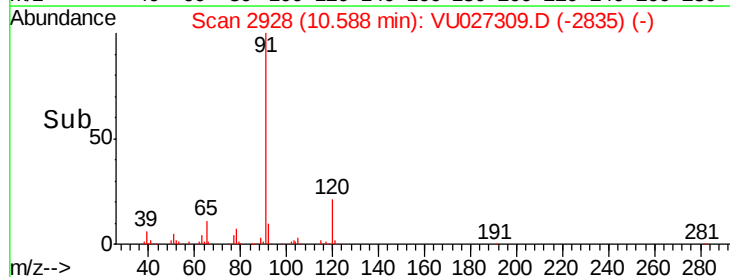
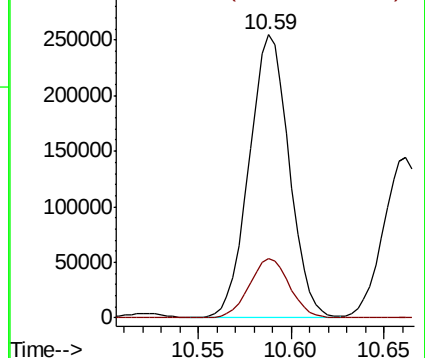
91 100

120 21.0 10.6 31.8



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V

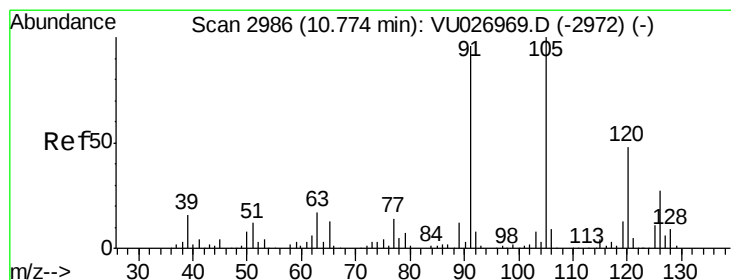
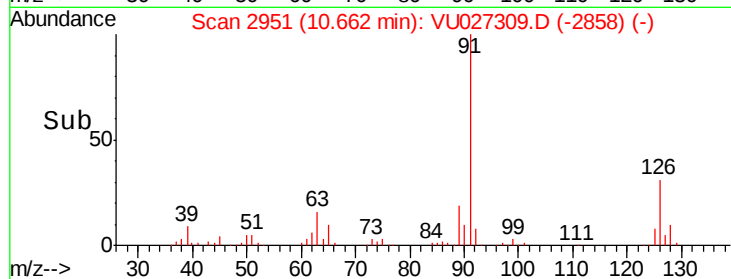
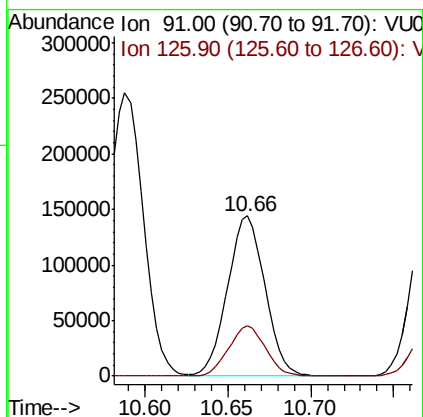
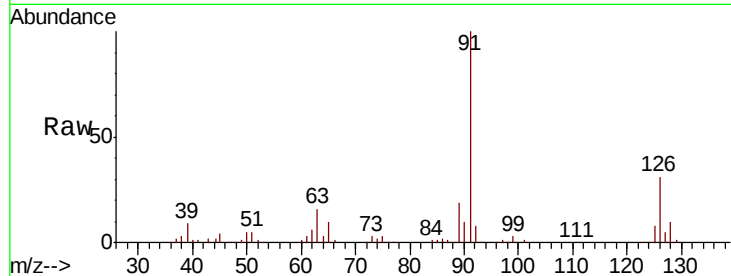




#79
 2-Chlorotoluene
 Concen: 51.903 ug/l
 RT: 10.66 min Scan# 2951
 Delta R.T. 0.00 min
 Lab File: VU027309.D
 Acq: 29 Sep 2018 06:34

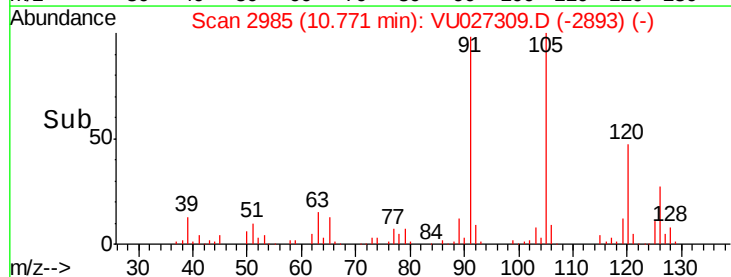
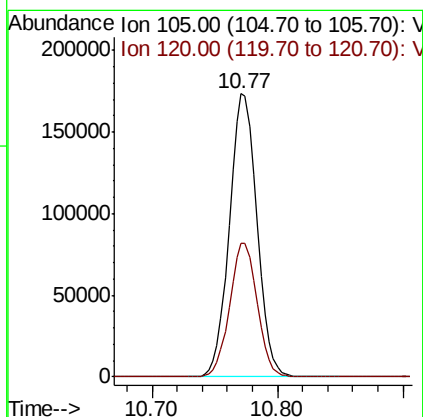
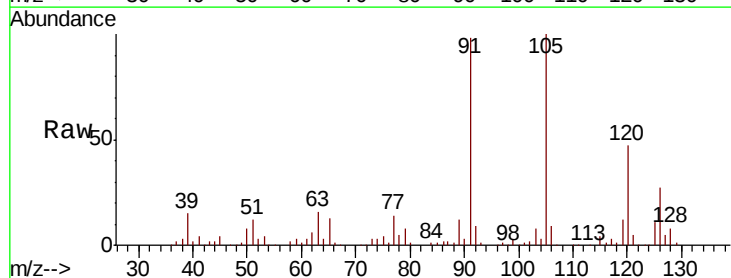
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

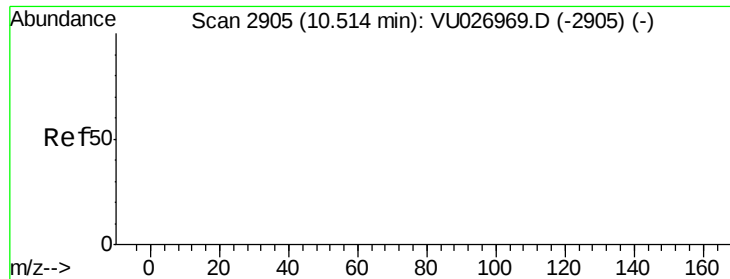
Tgt Ion: 91 Resp: 224966
 Ion Ratio Lower Upper
 91 100
 126 31.1 15.8 47.3



#80
 1,3,5-Trimethylbenzene
 Concen: 54.894 ug/l
 RT: 10.77 min Scan# 2985
 Delta R.T. -0.00 min
 Lab File: VU027309.D
 Acq: 29 Sep 2018 06:34

Tgt Ion: 105 Resp: 264264
 Ion Ratio Lower Upper
 105 100
 120 47.2 23.9 71.7

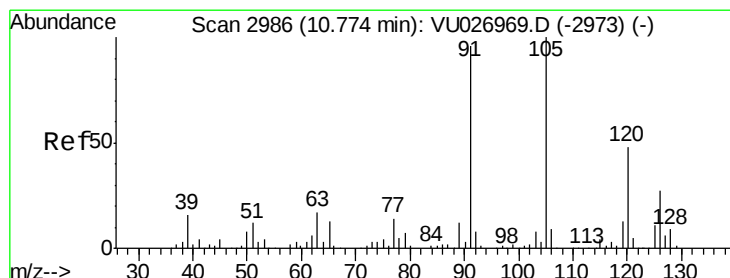
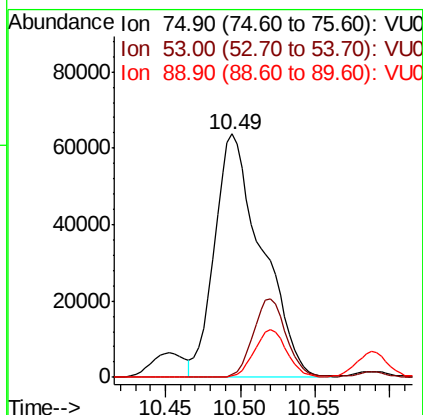
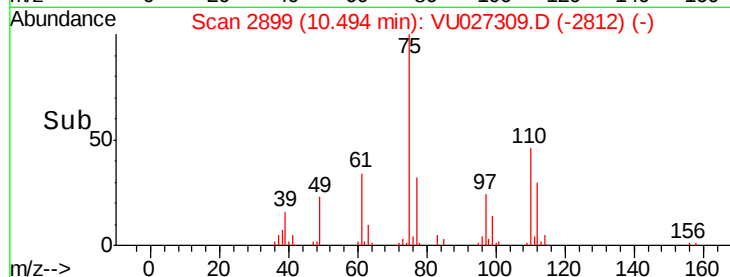
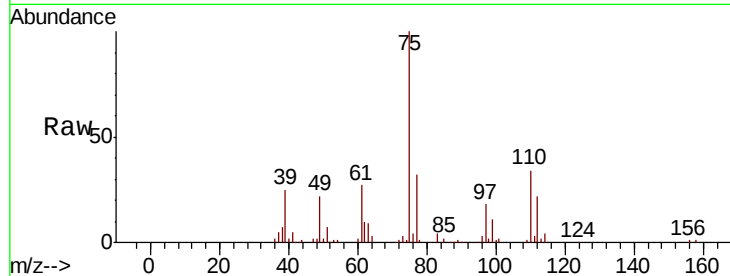




#81
trans-1,4-Dichloro-2-butene
Concen: 192.840 ug/l
RT: 10.49 min Scan# 2899
Delta R.T. -0.02 min
Lab File: VU027309.D
Acq: 29 Sep 2018 06:34

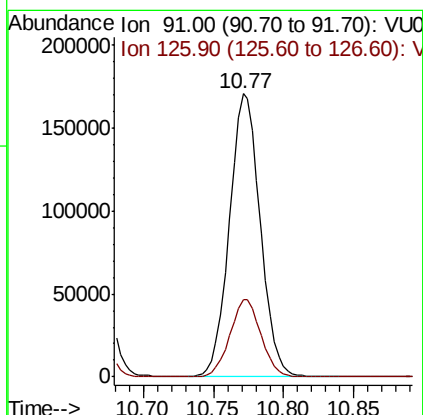
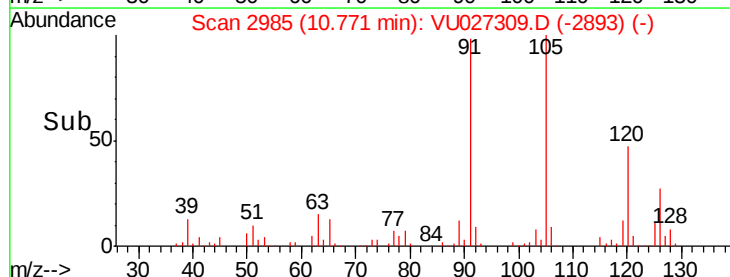
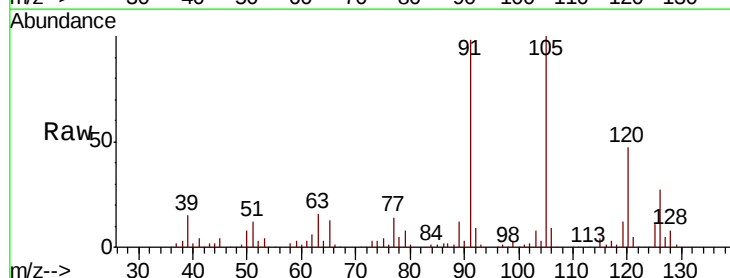
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

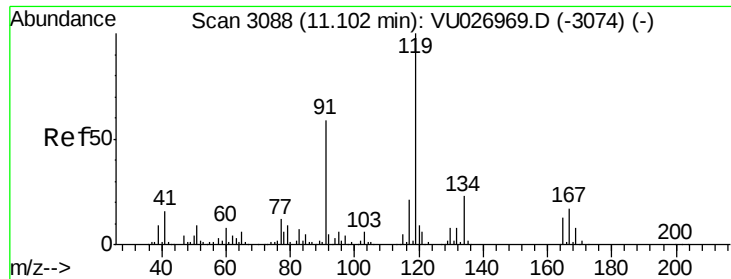
Tgt Ion: 75 Resp: 140349
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0



#82
4-Chlorotoluene
Concen: 53.507 ug/l
RT: 10.77 min Scan# 2985
Delta R.T. -0.00 min
Lab File: VU027309.D
Acq: 29 Sep 2018 06:34

Tgt Ion: 91 Resp: 260046
Ion Ratio Lower Upper
91 100
126 27.7 14.1 42.2

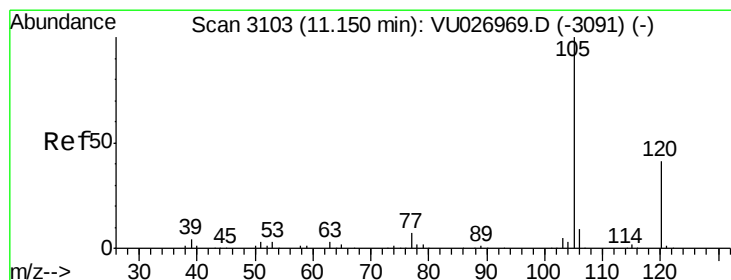
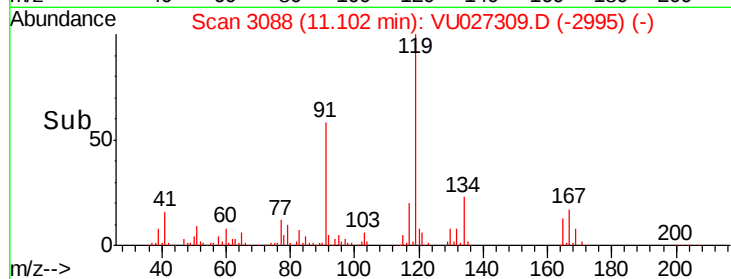
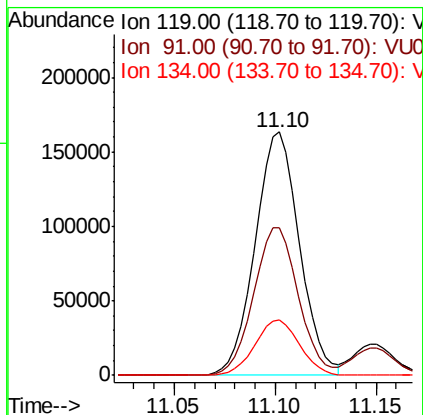
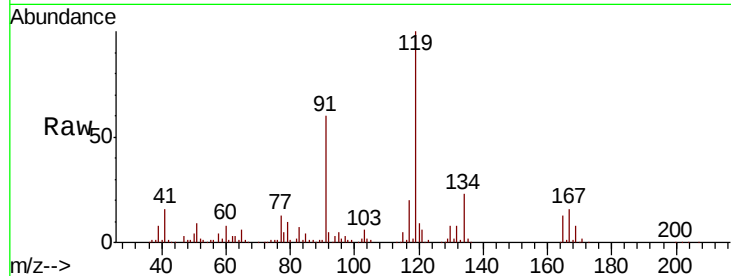




#83
 tert-Butylbenzene
 Concen: 52.734 ug/l
 RT: 11.10 min Scan# 3088
 Delta R.T. 0.00 min
 Lab File: VU027309.D
 Acq: 29 Sep 2018 06:34

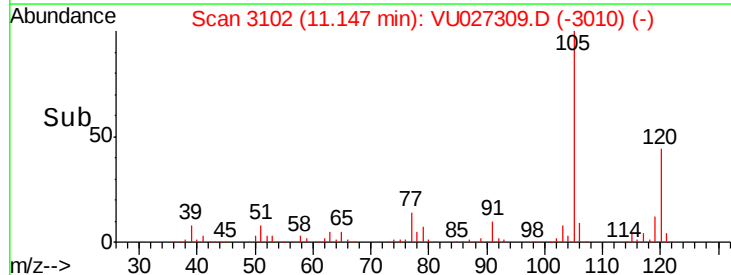
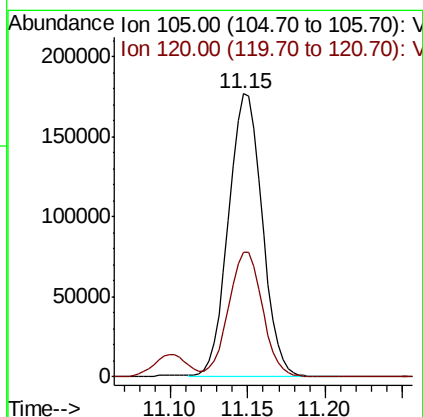
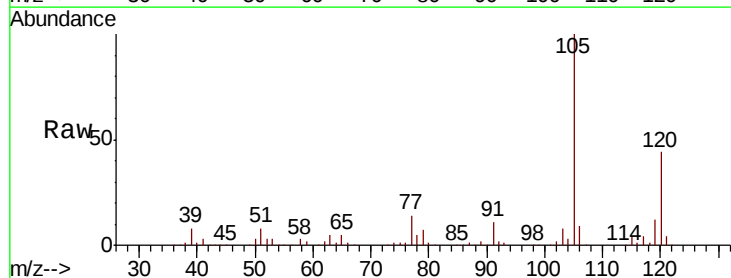
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:119 Resp: 250987
 Ion Ratio Lower Upper
 119 100
 91 60.9 29.8 89.4
 134 22.9 11.5 34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 54.514 ug/l
 RT: 11.15 min Scan# 3102
 Delta R.T. -0.00 min
 Lab File: VU027309.D
 Acq: 29 Sep 2018 06:34

Tgt Ion:105 Resp: 267076
 Ion Ratio Lower Upper
 105 100
 120 44.2 22.4 67.2

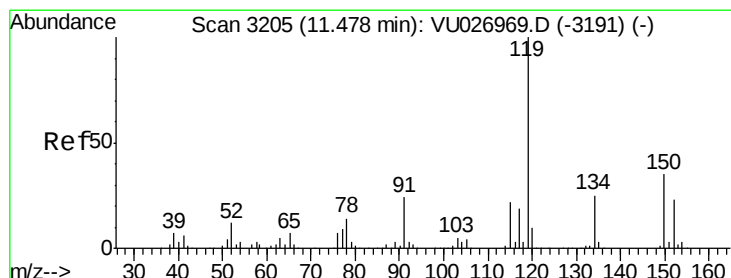
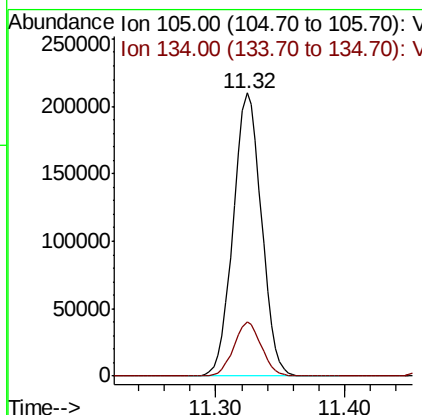
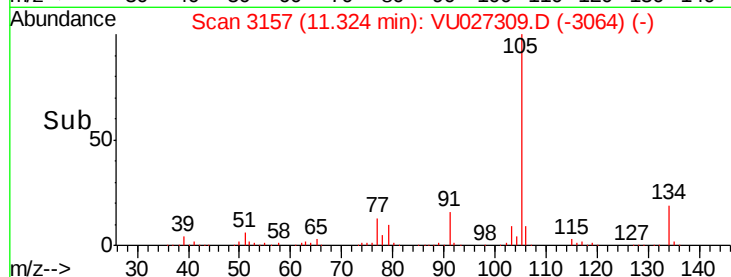
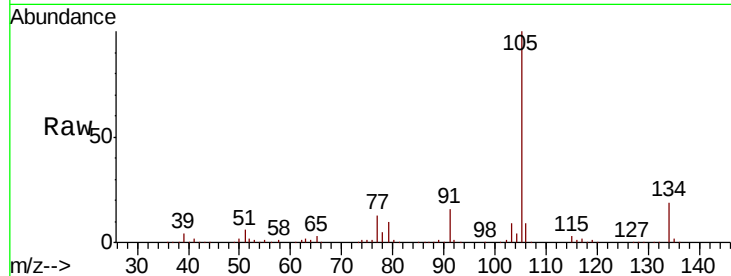




#85
 sec-Butylbenzene
 Concen: 54.899 ug/l
 RT: 11.32 min Scan# 3157
 Delta R.T. 0.00 min
 Lab File: VU027309.D
 Acq: 29 Sep 2018 06:34

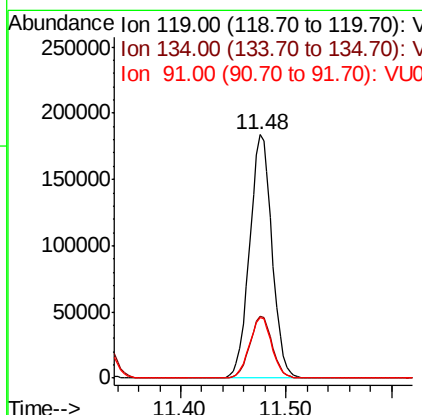
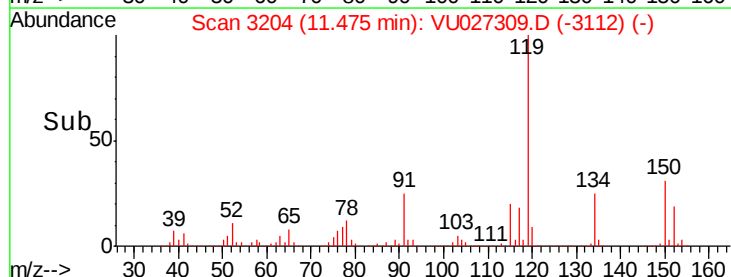
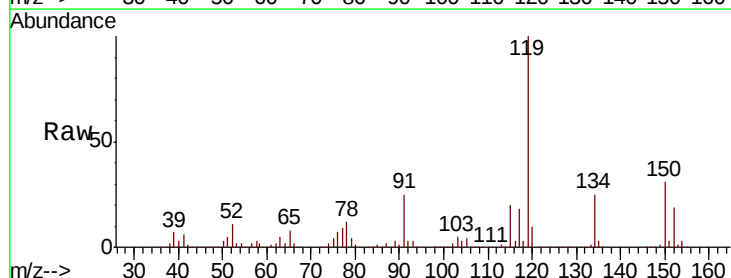
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 318957
 Ion Ratio Lower Upper
 105 100
 134 18.6 9.4 28.2



#86
 p-Isopropyltoluene
 Concen: 49.692 ug/l
 RT: 11.48 min Scan# 3204
 Delta R.T. -0.00 min
 Lab File: VU027309.D
 Acq: 29 Sep 2018 06:34

Tgt Ion:119 Resp: 270872
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.8 38.3
 91 24.8 12.3 36.8

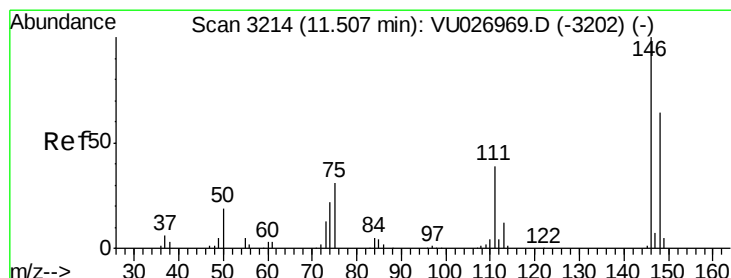
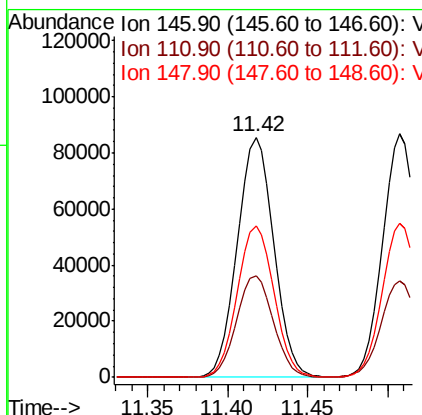
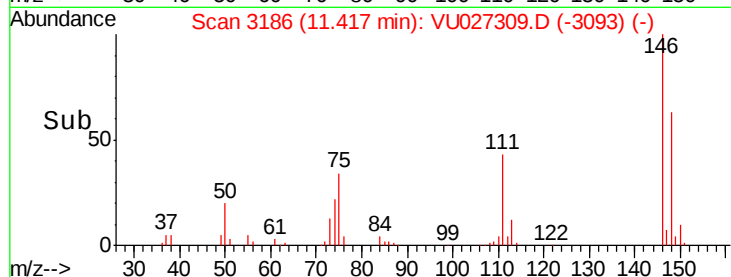
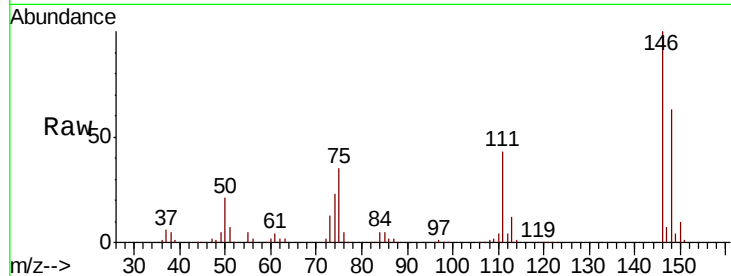




#87
 1,3-Dichlorobenzene
 Concen: 50.106 ug/l
 RT: 11.42 min Scan# 3186
 Delta R.T. 0.00 min
 Lab File: VU027309.D
 Acq: 29 Sep 2018 06:34

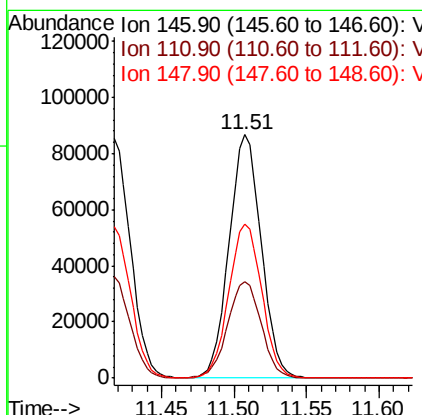
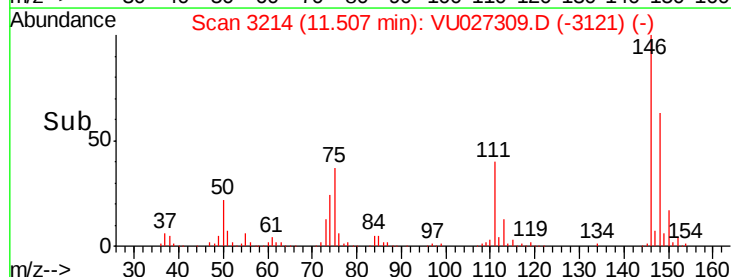
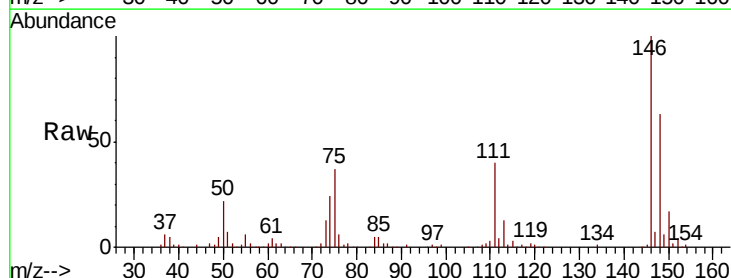
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

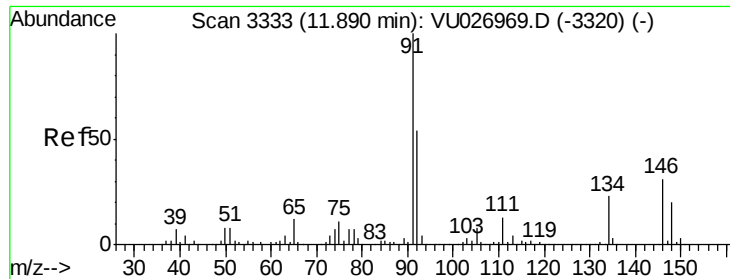
Tgt Ion:146 Resp: 132881
 Ion Ratio Lower Upper
 146 100
 111 42.6 20.8 62.2
 148 63.4 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 45.971 ug/l
 RT: 11.51 min Scan# 3214
 Delta R.T. 0.00 min
 Lab File: VU027309.D
 Acq: 29 Sep 2018 06:34

Tgt Ion:146 Resp: 132874
 Ion Ratio Lower Upper
 146 100
 111 41.5 20.3 60.9
 148 65.1 31.9 95.9

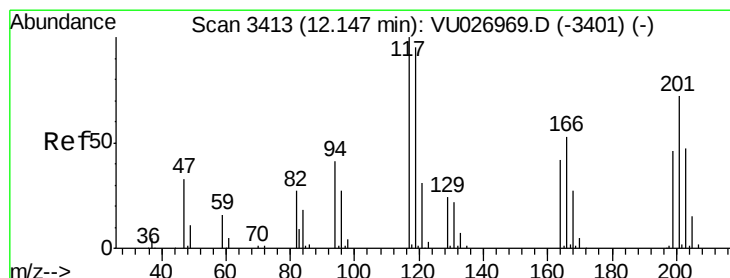
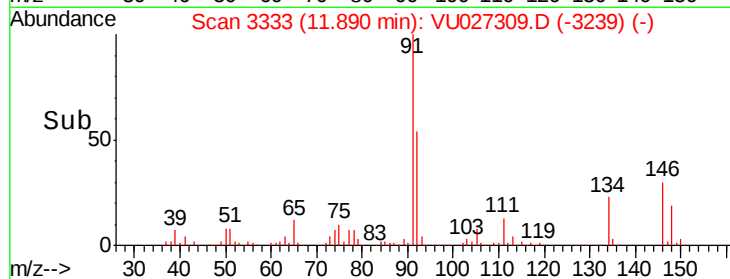
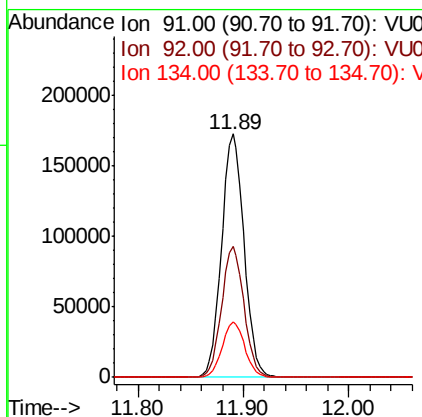
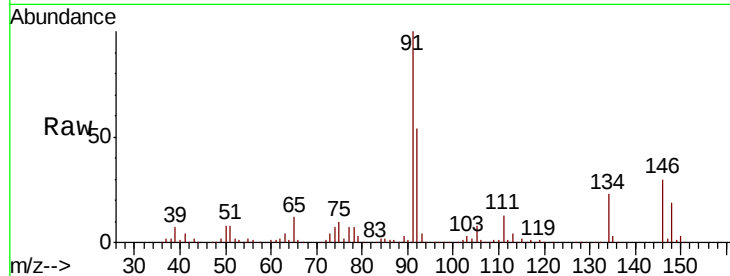




#89
n-Butylbenzene
Concen: 48.216 ug/l
RT: 11.89 min Scan# 3333
Delta R.T. 0.00 min
Lab File: VU027309.D
Acq: 29 Sep 2018 06:34

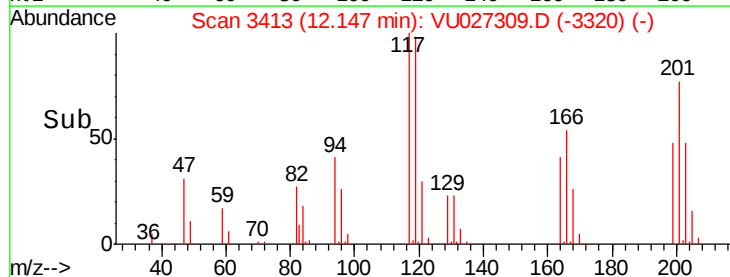
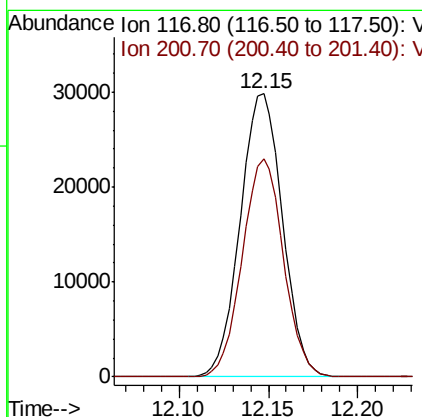
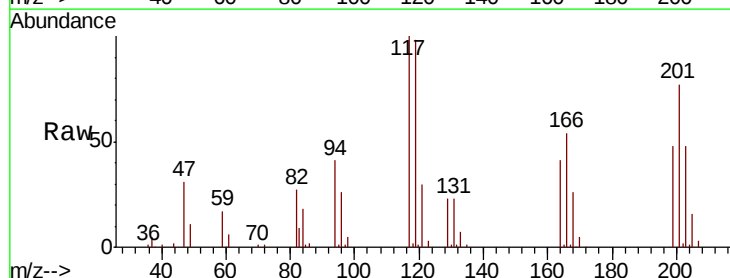
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

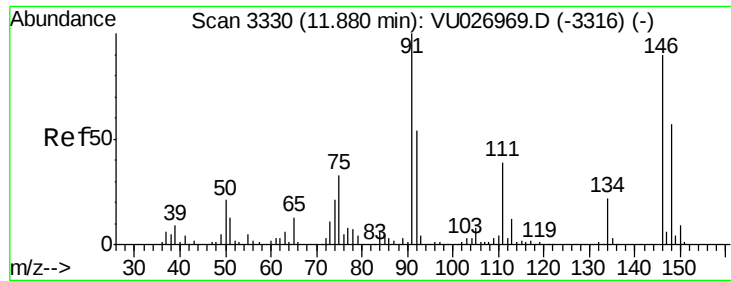
Tgt Ion: 91 Resp: 254332
Ion Ratio Lower Upper
91 100
92 53.5 27.1 81.2
134 22.7 11.7 35.0



#90
Hexachloroethane
Concen: 46.723 ug/l
RT: 12.15 min Scan# 3413
Delta R.T. 0.00 min
Lab File: VU027309.D
Acq: 29 Sep 2018 06:34

Tgt Ion: 117 Resp: 49364
Ion Ratio Lower Upper
117 100
201 74.8 36.8 110.3

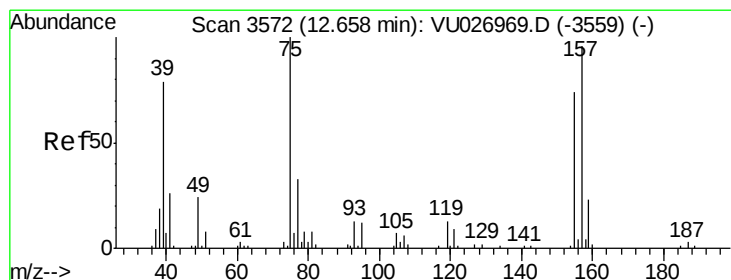
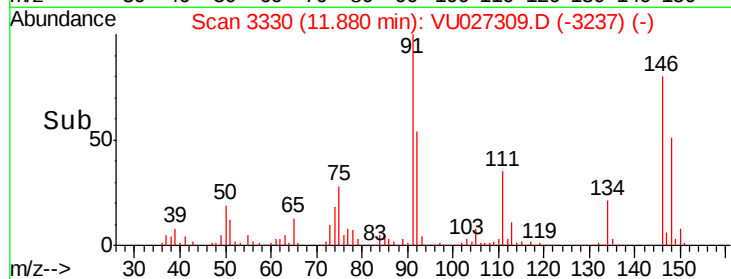
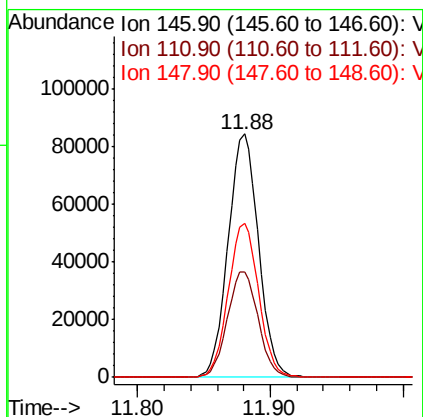
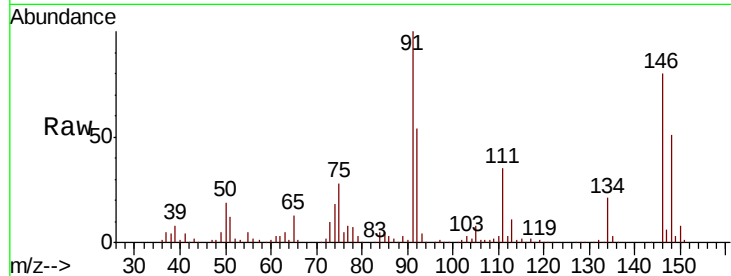




#91
 1,2-Dichlorobenzene
 Concen: 47.589 ug/l
 RT: 11.88 min Scan# 3330
 Delta R.T. 0.00 min
 Lab File: VU027309.D
 Acq: 29 Sep 2018 06:34

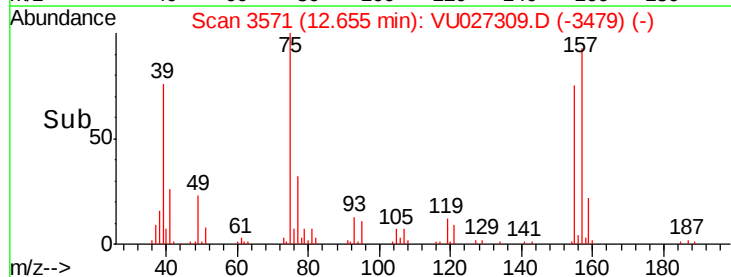
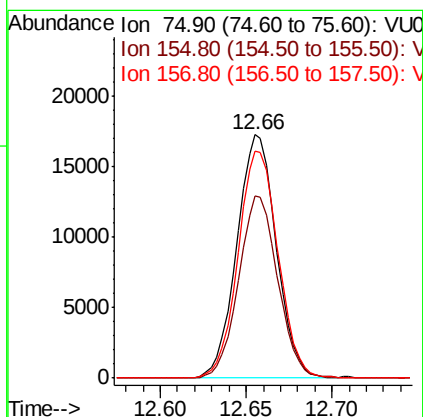
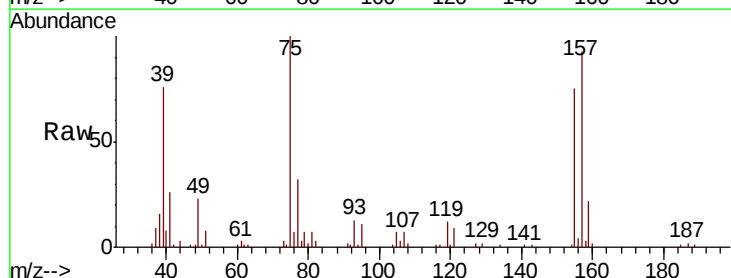
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 146 Resp: 134063
 Ion Ratio Lower Upper
 146 100
 111 43.9 21.8 65.3
 148 63.1 31.9 95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.405 ug/l
 RT: 12.66 min Scan# 3571
 Delta R.T. -0.00 min
 Lab File: VU027309.D
 Acq: 29 Sep 2018 06:34

Tgt Ion: 75 Resp: 27572
 Ion Ratio Lower Upper
 75 100
 155 73.9 36.6 109.8
 157 94.4 47.4 142.2

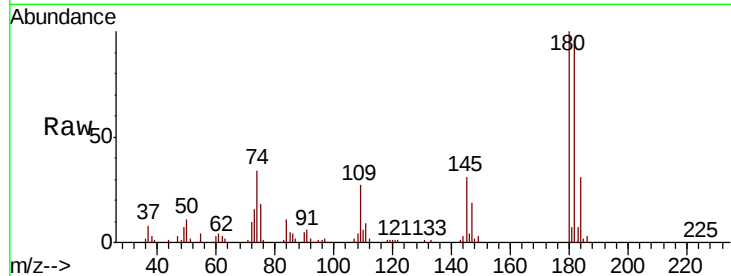




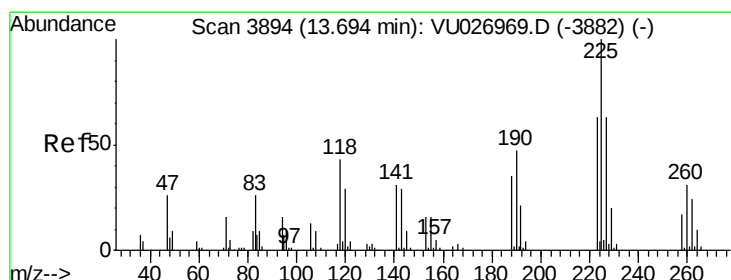
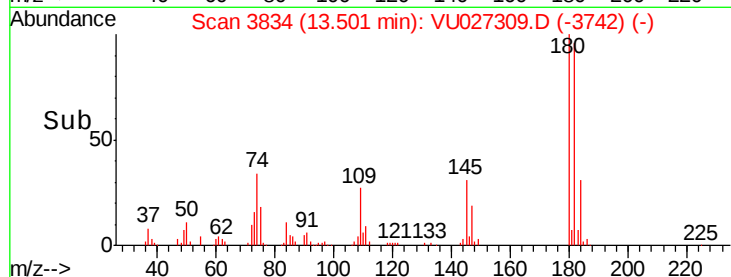
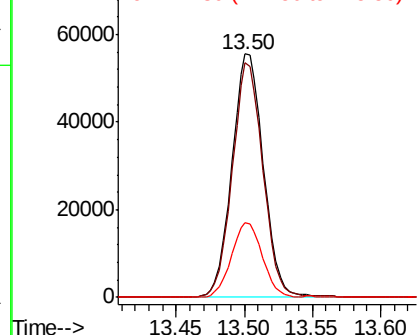
#93
 1,2,4-Trichlorobenzene
 Concen: 54.658 ug/l
 RT: 13.50 min Scan# 3834
 Delta R.T. -0.00 min
 Lab File: VU027309.D
 Acq: 29 Sep 2018 06:34

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:180 Resp: 88731
 Ion Ratio Lower Upper
 180 100
 182 94.3 47.4 142.2
 145 30.3 14.9 44.5

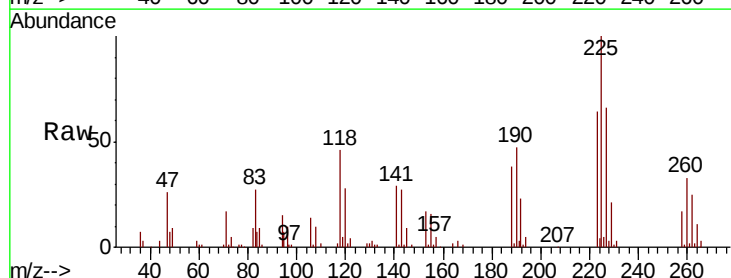


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

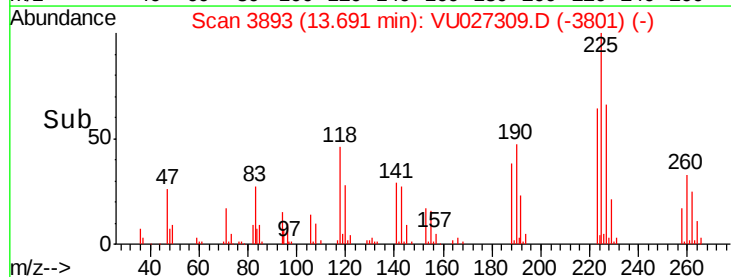
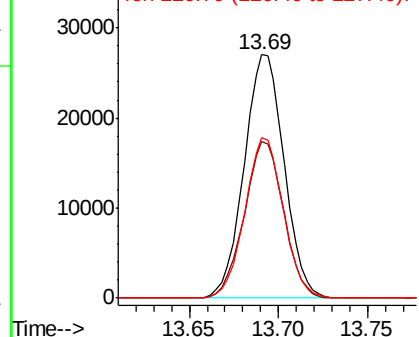


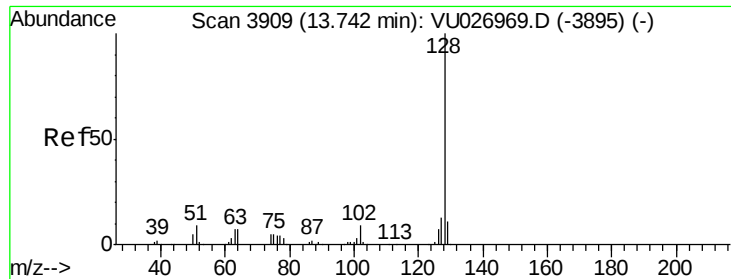
#94
 Hexachlorobutadiene
 Concen: 49.305 ug/l
 RT: 13.69 min Scan# 3893
 Delta R.T. -0.00 min
 Lab File: VU027309.D
 Acq: 29 Sep 2018 06:34

Tgt Ion:225 Resp: 42351
 Ion Ratio Lower Upper
 225 100
 223 63.1 31.9 95.7
 227 63.3 32.1 96.5



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

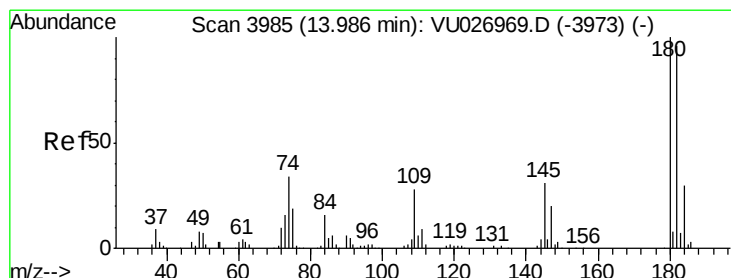
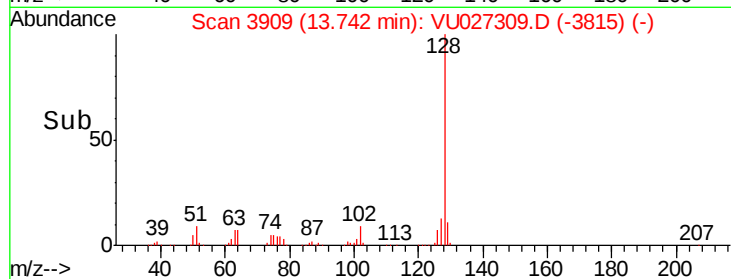
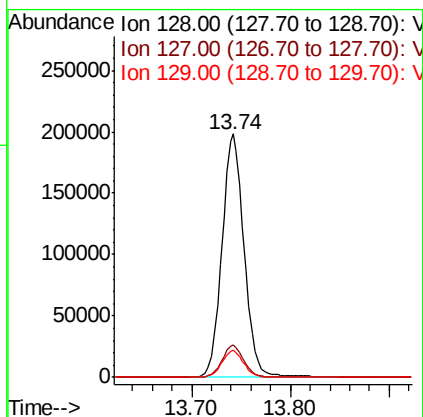
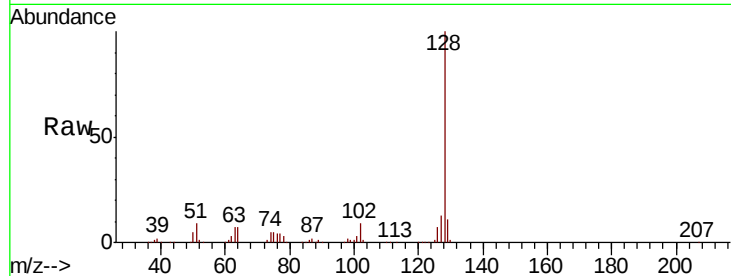




#95
Naphthalene
Concen: 49.307 ug/l
RT: 13.74 min Scan# 3909
Delta R.T. 0.00 min
Lab File: VU027309.D
Acq: 29 Sep 2018 06:34

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 312810
Ion Ratio Lower Upper
128 100
127 12.9 10.6 15.8
129 10.9 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 53.344 ug/l
RT: 13.99 min Scan# 3985
Delta R.T. 0.00 min
Lab File: VU027309.D
Acq: 29 Sep 2018 06:34

Tgt Ion:180 Resp: 92867
Ion Ratio Lower Upper
180 100
182 93.8 47.5 142.5
145 31.9 15.4 46.4

