

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092218\
 Data File : VU026991.D
 Acq On : 22 Sep 2018 00:49
 Operator : MD/SY
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 22 02:25:09 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	86336	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	144819	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	145149	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	80270	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.31	65	86103	49.55	ug/l	0.00
Spiked Amount 50.000			Recovery =	99.10%		
35) Dibromofluoromethane	4.88	113	61269	48.81	ug/l	0.00
Spiked Amount 50.000			Recovery =	97.62%		
50) Toluene-d8	7.57	98	242373	50.66	ug/l	0.00
Spiked Amount 50.000			Recovery =	101.32%		
62) 4-Bromofluorobenzene	10.31	95	87795	53.48	ug/l	0.00
Spiked Amount 50.000			Recovery =	106.96%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.21	85	53116	47.121	ug/l	97
3) Chloromethane	1.33	50	87659	45.104	ug/l	99
4) Vinyl Chloride	1.40	62	83949	46.275	ug/l	99
5) Bromomethane	1.62	94	45577	44.118	ug/l	98
6) Chloroethane	1.69	64	53584	46.228	ug/l	98
7) Trichlorofluoromethane	1.88	101	98386	47.750	ug/l	99
8) Diethyl Ether	2.10	74	48929	49.336	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.29	101	60276	47.578	ug/l	99
10) Methyl Iodide	2.41	142	58797	37.421	ug/l	99
11) Tert butyl alcohol	2.83	59	95072	238.705	ug/l	99
12) 1,1-Dichloroethene	2.28	96	56121	47.064	ug/l	97
13) Acrolein	2.19	56	55670	259.291	ug/l	98
14) Allyl chloride	2.59	41	120985	50.024	ug/l	98
15) Acrylonitrile	2.94	53	247123	246.181	ug/l	99
16) Acetone	2.32	43	215734	232.568	ug/l	98
17) Carbon Disulfide	2.48	76	180736	46.527	ug/l	100
18) Methyl Acetate	2.62	43	120712	48.807	ug/l	100
19) Methyl tert-butyl Ether	3.00	73	222151	50.697	ug/l	100
20) Methylene Chloride	2.70	84	72268	46.439	ug/l	99
21) trans-1,2-Dichloroethene	2.98	96	63889	50.183	ug/l	97
22) Diisopropyl ether	3.57	45	270463	52.283	ug/l	99
23) Vinyl Acetate	3.52	43	1159506	262.951	ug/l	100
24) 1,1-Dichloroethane	3.45	63	142325	49.954	ug/l	100
25) 2-Butanone	4.26	43	348565	238.694	ug/l	99
26) 2,2-Dichloropropane	4.23	77	92231	41.509	ug/l	99
27) cis-1,2-Dichloroethene	4.22	96	72095	50.144	ug/l	98
28) Bromochloromethane	4.55	49	72824	53.025	ug/l	96
29) Tetrahydrofuran	4.64	42	225642	255.429	ug/l	98
30) Chloroform	4.67	83	127495	48.209	ug/l	98
31) Cyclohexane	5.00	56	130462	50.378	ug/l	99
32) 1,1,1-Trichloroethane	4.92	97	103973	49.240	ug/l	100
36) 1,1-Dichloropropene	5.14	75	96114	49.728	ug/l	99
37) Ethyl Acetate	4.38	43	124466	47.570	ug/l	99
38) Carbon Tetrachloride	5.14	117	88514	48.124	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	112537	53.579	ug/l	100
40) Benzene	5.39	78	288767	49.147	ug/l	100
41) Methacrylonitrile	4.54	41	70989	52.242	ug/l	99
42) 1,2-Dichloroethane	5.40	62	108994	49.099	ug/l	100
43) Isopropyl Acetate	5.55	43	194530	50.980	ug/l	99
44) Trichloroethene	6.19	130	62418	49.900	ug/l	96
45) 1,2-Dichloropropane	6.43	63	84523	50.487	ug/l	99
46) Dibromomethane	6.56	93	49172	48.632	ug/l	100
47) Bromodichloromethane	6.76	83	98429	48.143	ug/l	98
48) Methyl methacrylate	6.62	41	100947	48.634	ug/l	99
49) 1,4-Dioxane	6.61	88	38858	942.011	ug/l	99
51) 4-Methyl-2-Pentanone	7.46	43	674386	262.780	ug/l	100
52) Toluene	7.64	92	175638	52.151	ug/l	98
53) t-1,3-Dichloropropene	7.88	75	113999	51.897	ug/l	98
54) cis-1,3-Dichloropropene	7.27	75	120345	49.827	ug/l	99
55) 1,1,2-Trichloroethane	8.07	97	71342	49.992	ug/l	98
56) Ethyl methacrylate	8.02	69	118941	48.122	ug/l	99
57) 1,3-Dichloropropane	8.24	76	135466	51.038	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.13	63	336150	239.423	ug/l	100
59) 2-Hexanone	8.36	43	511386	254.562	ug/l	100
60) Dibromochloromethane	8.48	129	70480	50.350	ug/l	100
61) 1,2-Dibromoethane	8.59	107	74066	49.882	ug/l	100
64) Tetrachloroethene	8.23	164	53960	48.244	ug/l	98
65) Chlorobenzene	9.12	112	182180	47.336	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	64565	48.706	ug/l	99
67) Ethyl Benzene	9.25	91	329752	52.105	ug/l	99
68) m/p-Xylenes	9.38	106	245550	95.868	ug/l	98
69) o-Xylene	9.78	106	116942	52.152	ug/l	98
70) Styrene	9.79	104	199464	47.727	ug/l	99
71) Bromoform	9.96	173	50124	48.897	ug/l #	99
73) Isopropylbenzene	10.17	105	321797	52.701	ug/l	100
74) N-amyl acetate	10.02	43	180959	51.199	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	124134	44.217	ug/l	99
76) 1,2,3-Trichloropropane	10.49	75	147266	60.390	ug/l	82
77) Bromobenzene	10.45	156	71816	48.130	ug/l	95
78) n-propylbenzene	10.59	91	391499	54.188	ug/l	100
79) 2-Chlorotoluene	10.66	91	227193	50.063	ug/l	99
80) 1,3,5-Trimethylbenzene	10.77	105	272212	54.006	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.49	75	147266	193.259	ug/l #	100
82) 4-Chlorotoluene	10.77	91	264090	51.899	ug/l	99
83) tert-Butylbenzene	11.10	119	254814	51.134	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	277935	54.183	ug/l	99
85) sec-Butylbenzene	11.32	105	327196	53.788	ug/l	100
86) p-Isopropyltoluene	11.48	119	282175	49.446	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	135585	48.830	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	137602	45.470	ug/l	100
89) n-Butylbenzene	11.89	91	267374	48.403	ug/l	99
90) Hexachloroethane	12.15	117	51548	46.600	ug/l	100
91) 1,2-Dichlorobenzene	11.88	146	135943	46.090	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.66	75	27201	47.494	ug/l	98

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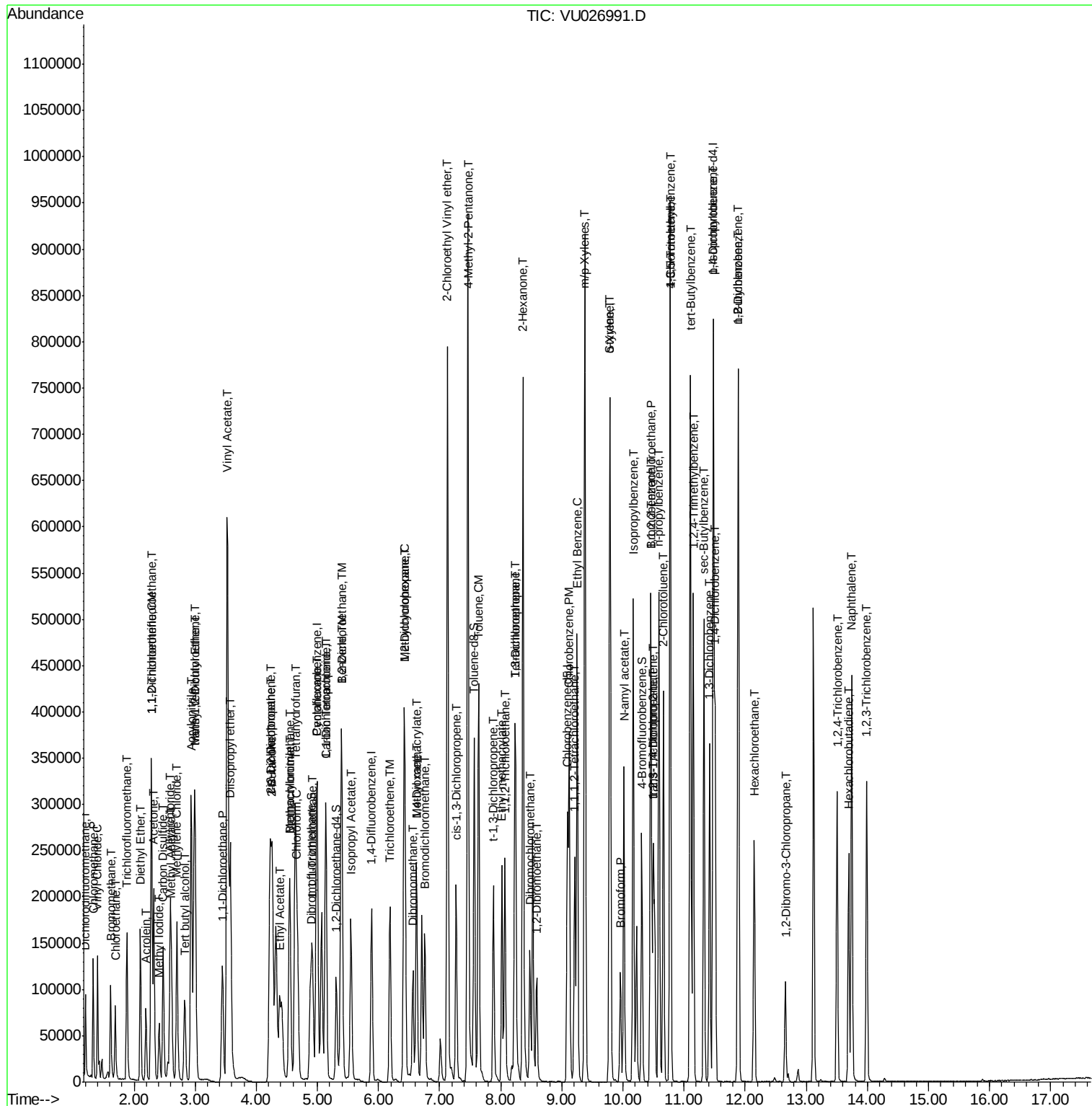
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	89234	52.500	ug/l	100
94) Hexachlorobutadiene	13.69	225	42649	47.423	ug/l	99
95) Naphthalene	13.74	128	317116	47.795	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	94123	51.638	ug/l	99

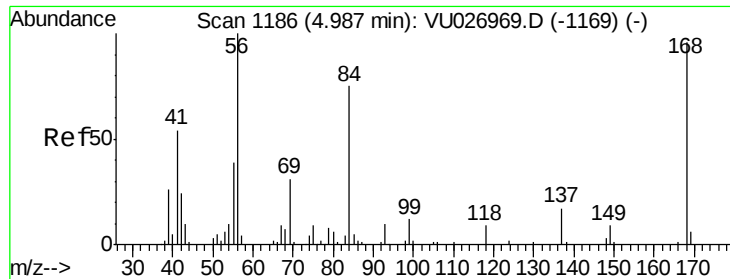
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.00 min

Lab File: VU026991.D

Acq: 22 Sep 2018 00:49

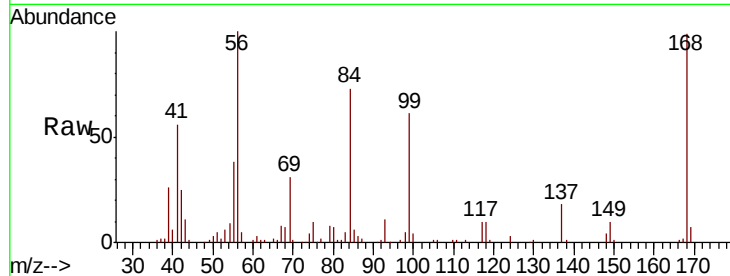
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion:168 Resp: 86336

Ion Ratio Lower Upper

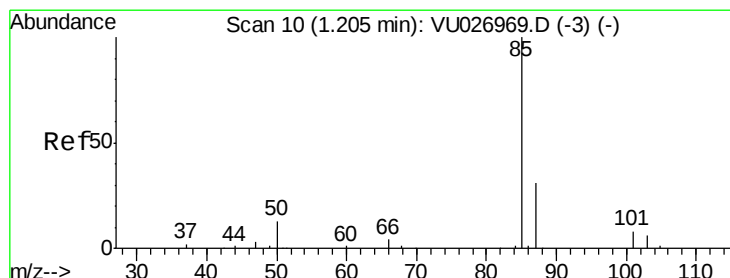
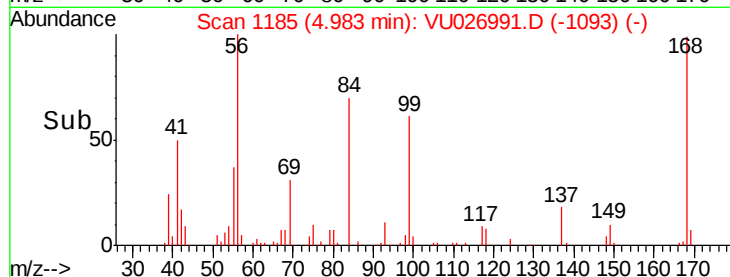
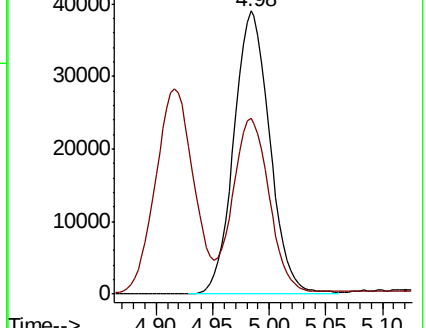
168 100

99 60.9 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: 47.121 ug/l

RT: 1.21 min Scan# 10

Delta R.T. 0.00 min

Lab File: VU026991.D

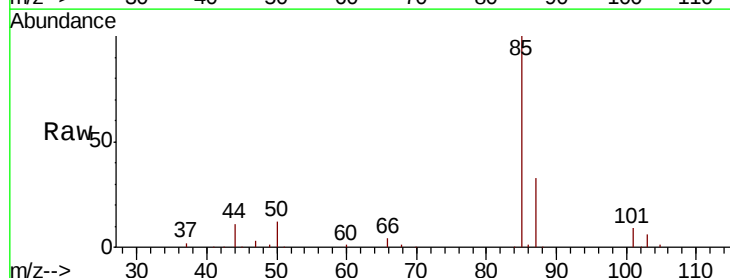
Acq: 22 Sep 2018 00:49

Tgt Ion: 85 Resp: 53116

Ion Ratio Lower Upper

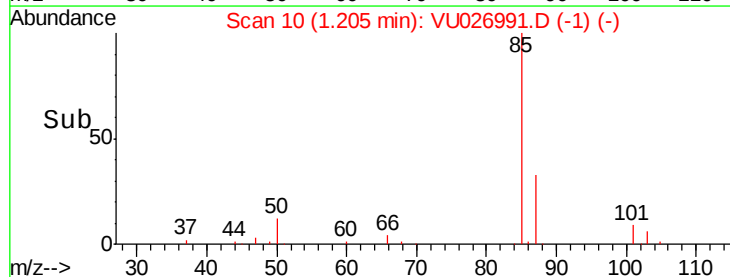
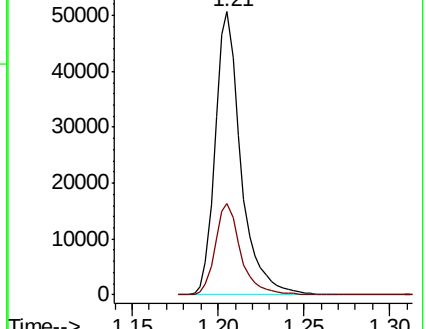
85 100

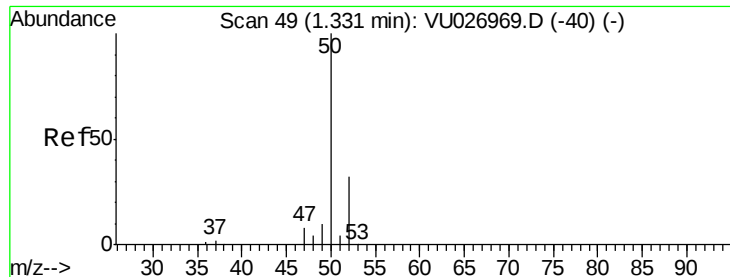
87 32.5 15.6 46.7



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: 45.104 ug/l

RT: 1.33 min Scan# 49

Delta R.T. 0.00 min

Lab File: VU026991.D

Acq: 22 Sep 2018 00:49

Instrument :

MSVOA_U

ClientSampleId :

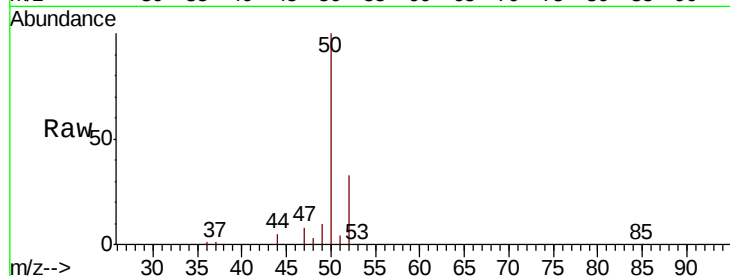
VSTDCCC050EC

Tgt Ion: 50 Resp: 87659

Ion Ratio Lower Upper

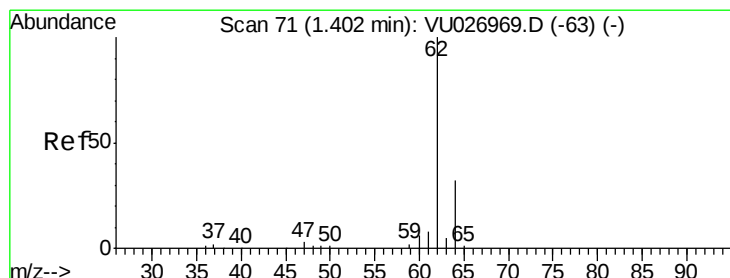
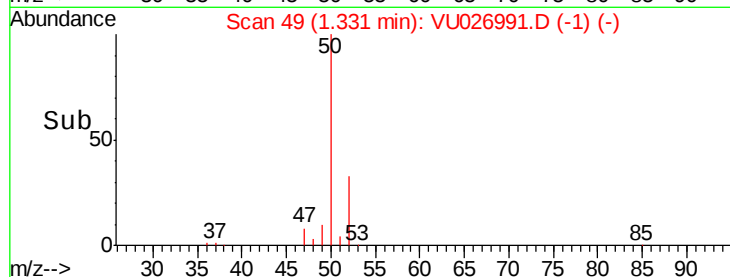
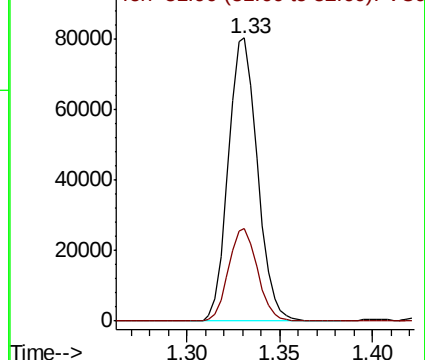
50 100

52 32.8 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: 46.275 ug/l

RT: 1.40 min Scan# 71

Delta R.T. 0.00 min

Lab File: VU026991.D

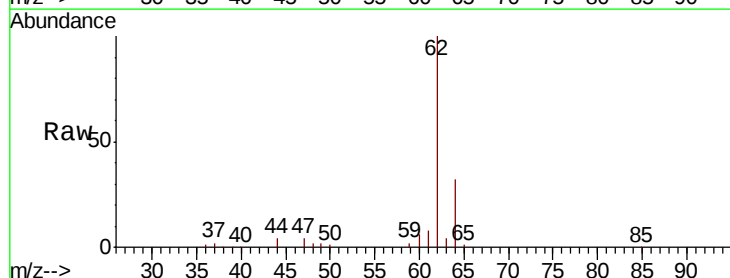
Acq: 22 Sep 2018 00:49

Tgt Ion: 62 Resp: 83949

Ion Ratio Lower Upper

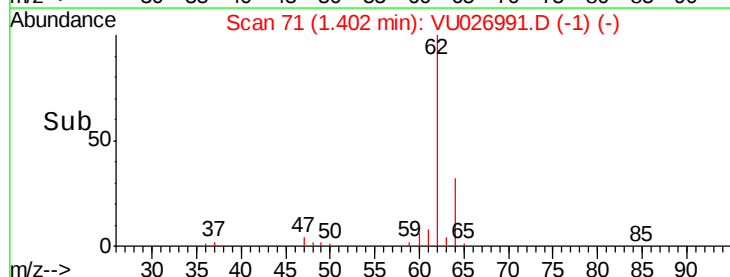
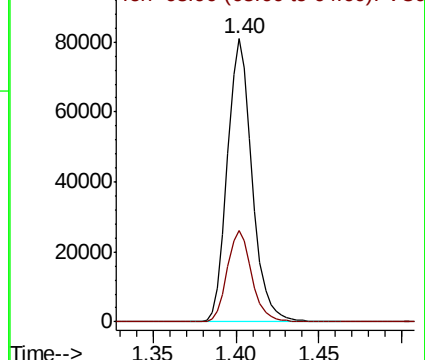
62 100

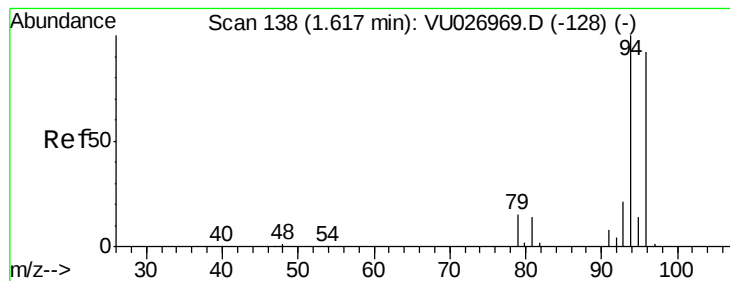
64 32.5 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 63.90 (63.60 to 64.60): VU0





#5

Bromomethane

Concen: 44.118 ug/l

RT: 1.62 min Scan# 138

Delta R.T. 0.00 min

Lab File: VU026991.D

Acq: 22 Sep 2018 00:49

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ClientSampleId :

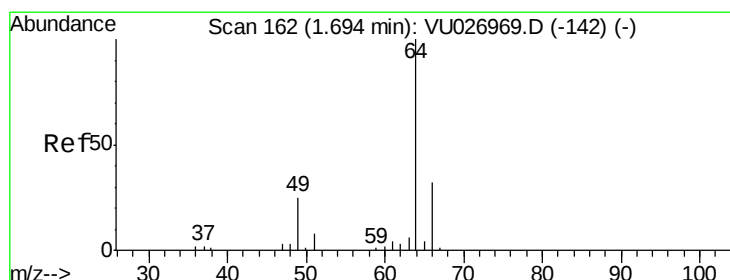
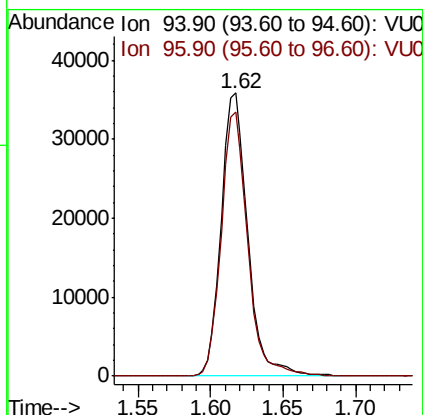
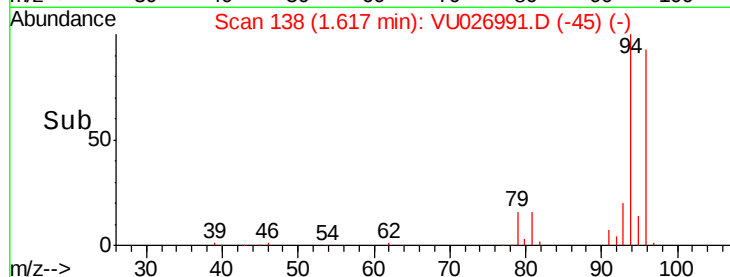
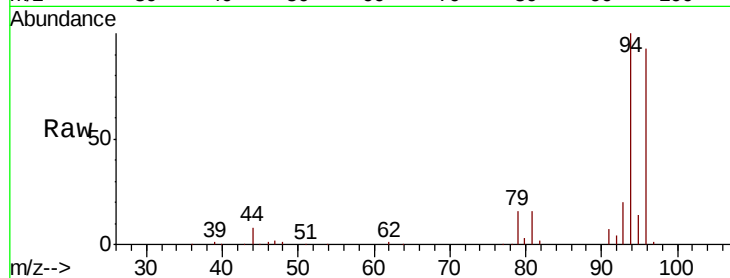
VSTDCCC050EC

Tgt Ion: 94 Resp: 45577

Ion Ratio Lower Upper

94 100

96 93.3 73.2 109.8



#6

Chloroethane

Concen: 46.228 ug/l

RT: 1.69 min Scan# 161

Delta R.T. -0.00 min

Lab File: VU026991.D

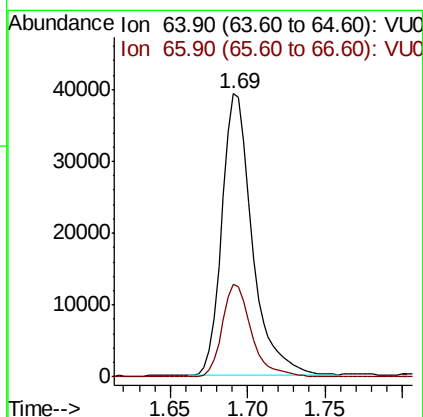
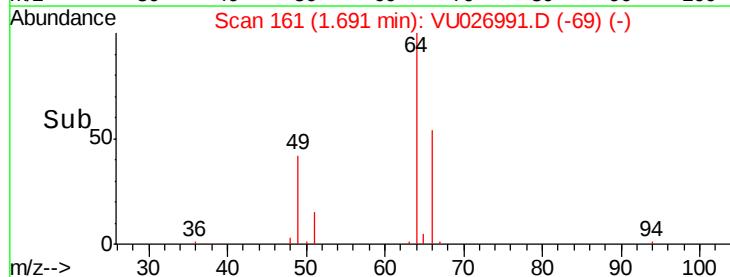
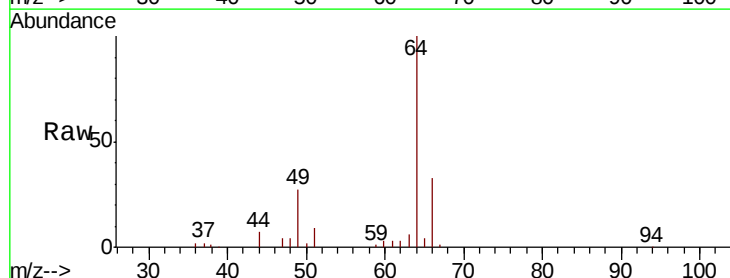
Acq: 22 Sep 2018 00:49

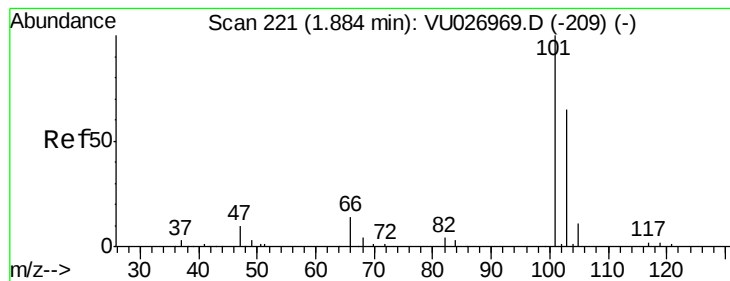
Tgt Ion: 64 Resp: 53584

Ion Ratio Lower Upper

64 100

66 32.7 25.3 37.9



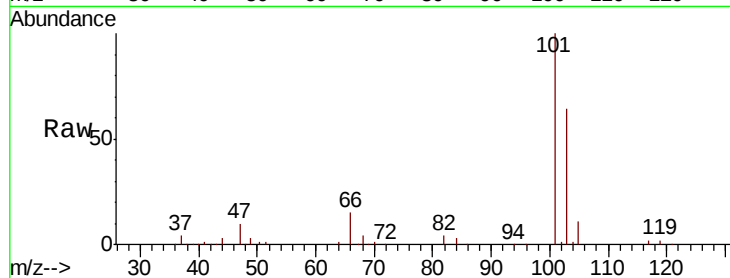


#7

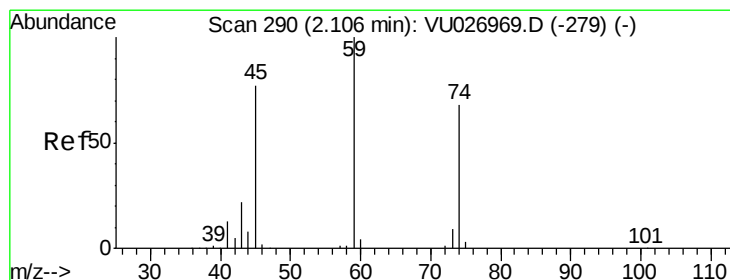
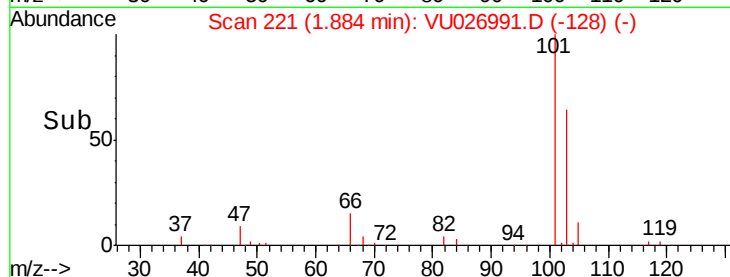
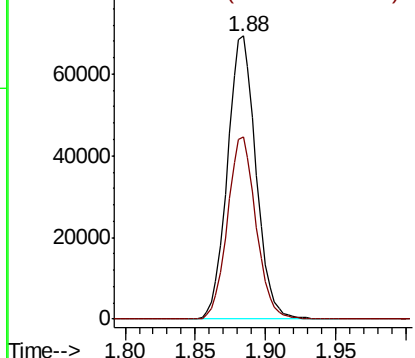
Trichlorofluoromethane
 Concen: 47.750 ug/l
 RT: 1.88 min Scan# 221
 Delta R.T. 0.00 min
 Lab File: VU026991.D
 Acq: 22 Sep 2018 00:49

Instrument :
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Tgt Ion:101 Resp: 98386
 Ion Ratio Lower Upper
 101 100
 103 64.3 52.2 78.2



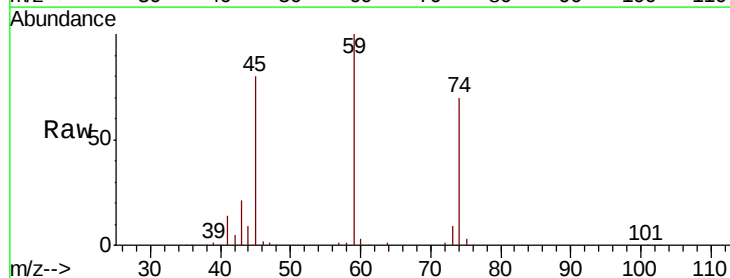
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



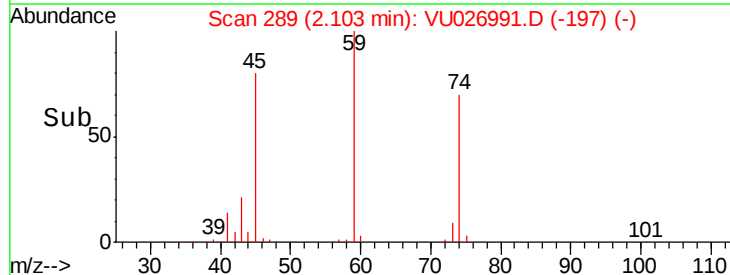
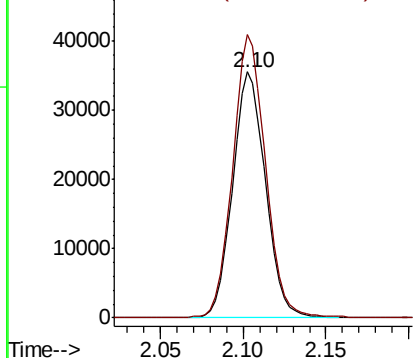
#8

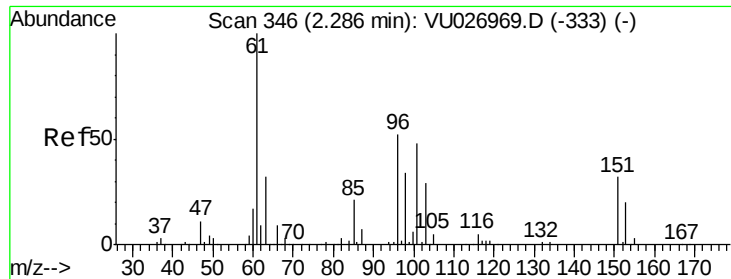
Diethyl Ether
 Concen: 49.336 ug/l
 RT: 2.10 min Scan# 289
 Delta R.T. -0.00 min
 Lab File: VU026991.D
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Tgt Ion: 74 Resp: 48929
 Ion Ratio Lower Upper
 74 100
 45 115.1 56.9 170.7



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.578 ug/l

RT: 2.29 min Scan# 346

Delta R.T. 0.00 min

Lab File: VU026991.D

Acq: 22 Sep 2018 00:49

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

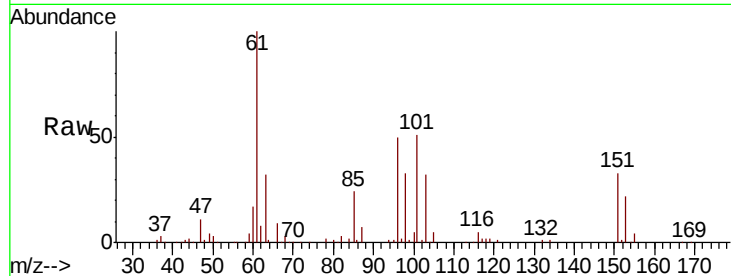
Tgt Ion:101 Resp: 60276

Ion Ratio Lower Upper

101 100

85 45.8 36.2 54.2

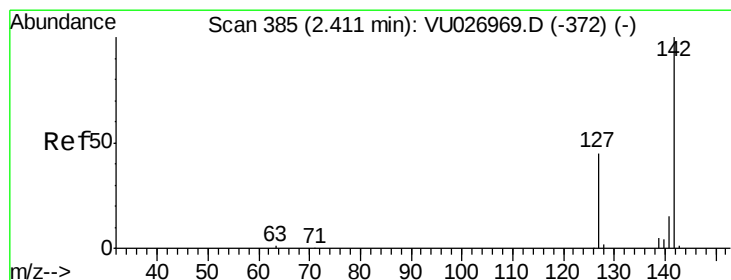
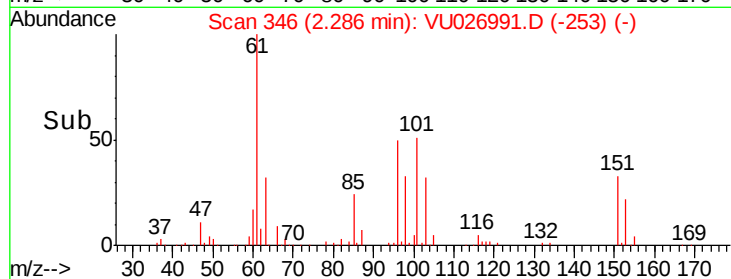
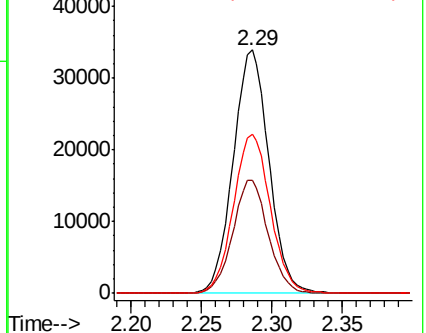
151 67.6 54.5 81.7



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: 37.421 ug/l

RT: 2.41 min Scan# 384

Delta R.T. -0.00 min

Lab File: VU026991.D

Acq: 22 Sep 2018 00:49

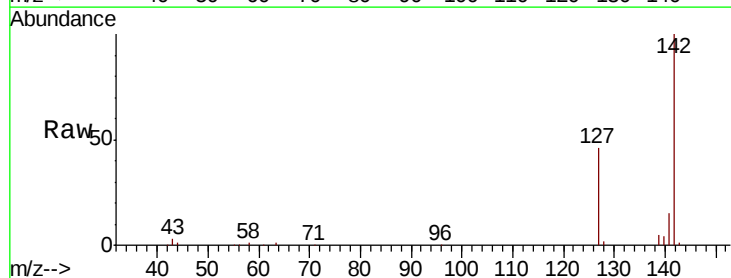
Tgt Ion:142 Resp: 58797

Ion Ratio Lower Upper

142 100

127 46.2 36.7 55.1

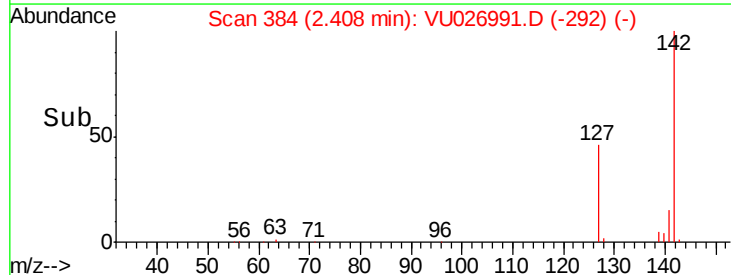
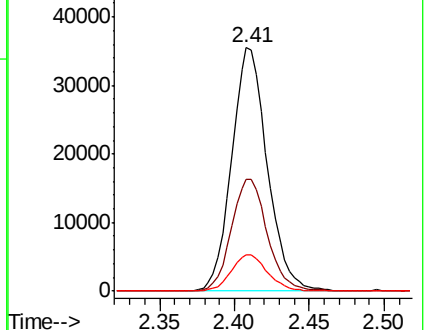
141 15.0 11.8 17.6

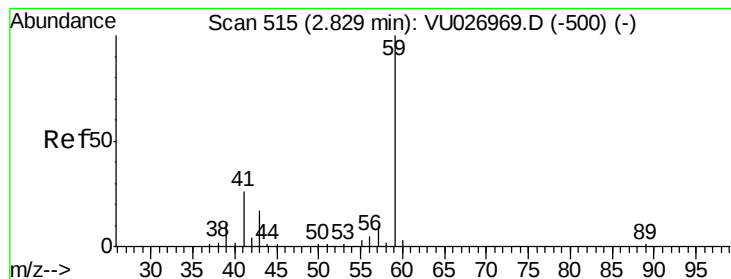


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



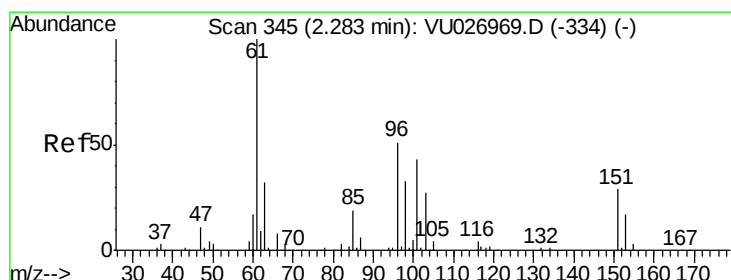
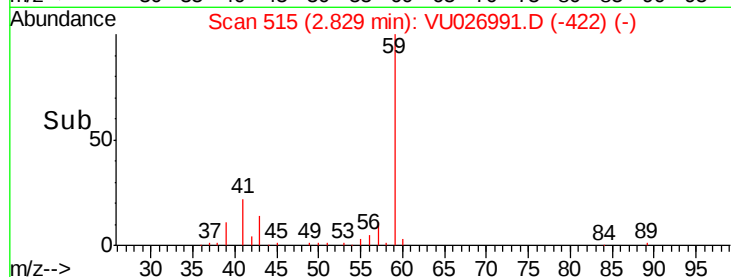
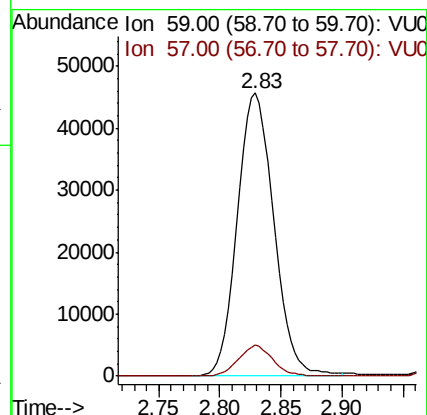
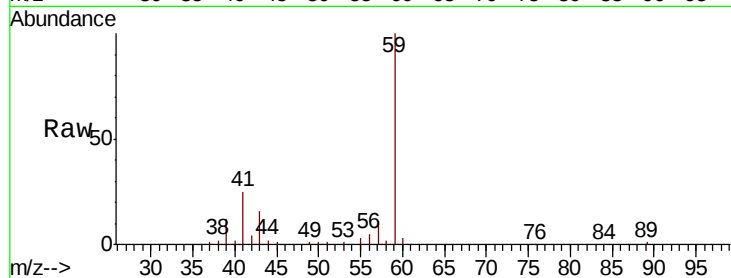


#11

Tert butyl alcohol
 Concen: 238.705 ug/l
 RT: 2.83 min Scan# 515
 Delta R.T. 0.00 min
 Lab File: VU026991.D
 Acq: 22 Sep 2018 00:49

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

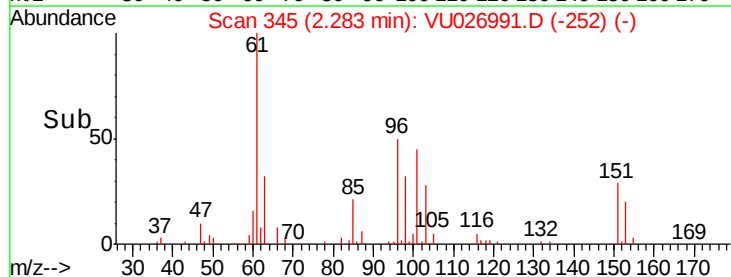
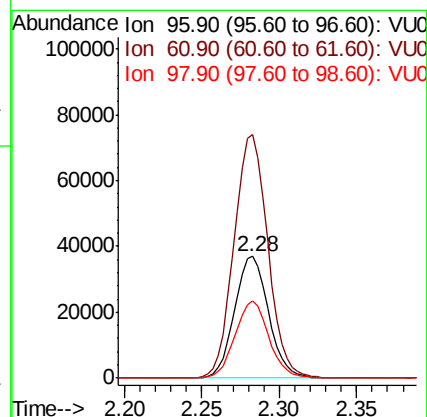
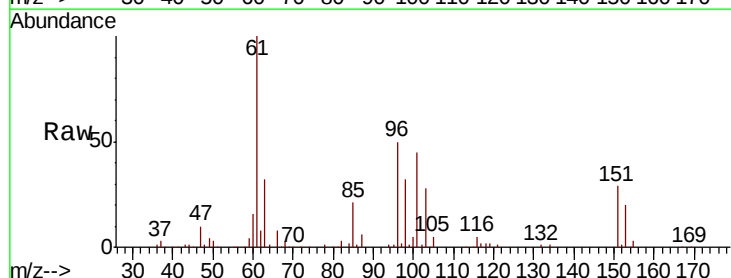
Tgt Ion: 59 Resp: 95072
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.5 12.7

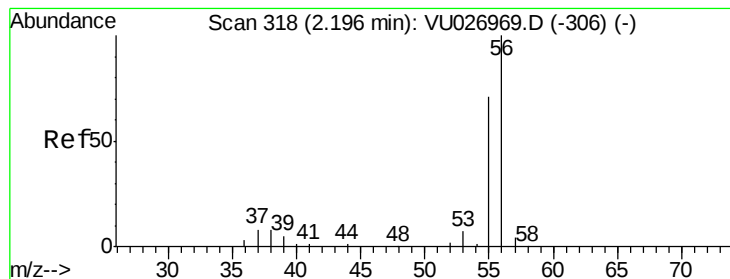


#12

1,1-Dichloroethene
 Concen: 47.064 ug/l
 RT: 2.28 min Scan# 345
 Delta R.T. 0.00 min
 Lab File: VU026991.D
 Acq: 22 Sep 2018 00:49

Tgt Ion: 96 Resp: 56121
 Ion Ratio Lower Upper
 96 100
 61 200.2 156.1 234.1
 98 63.2 51.4 77.0





#13

Acrolein

Concen: 259.291 ug/l

RT: 2.19 min Scan# 317

Delta R.T. -0.00 min

Lab File: VU026991.D

Acq: 22 Sep 2018 00:49

Instrument :

MSVOA_U

ClientSampleId :

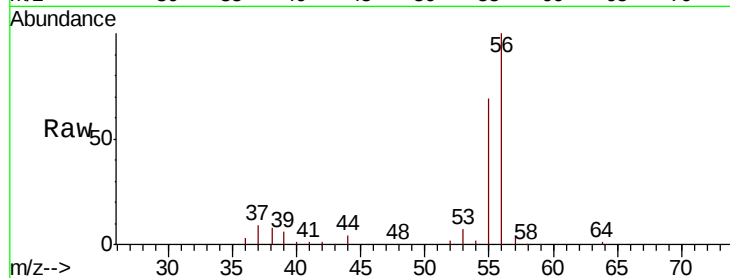
VSTDCCC050EC

Tgt Ion: 56 Resp: 55670

Ion Ratio Lower Upper

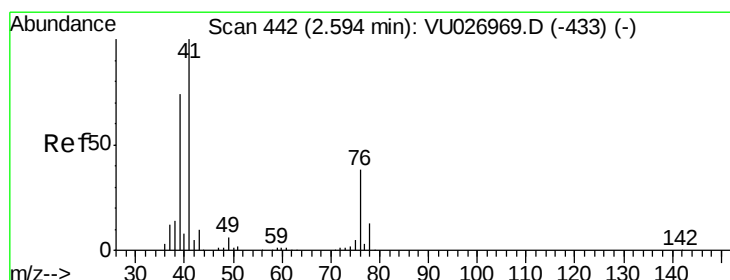
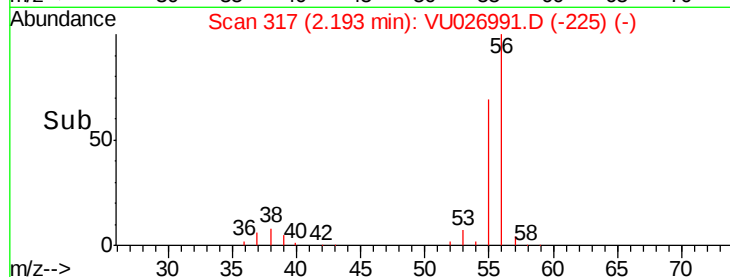
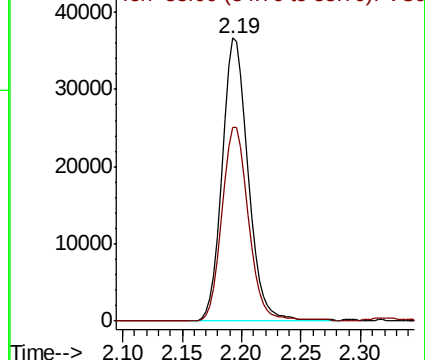
56 100

55 70.1 57.1 85.7



Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 55.00 (54.70 to 55.70): VU0



#14

Allyl chloride

Concen: 50.024 ug/l

RT: 2.59 min Scan# 441

Delta R.T. -0.00 min

Lab File: VU026991.D

Acq: 22 Sep 2018 00:49

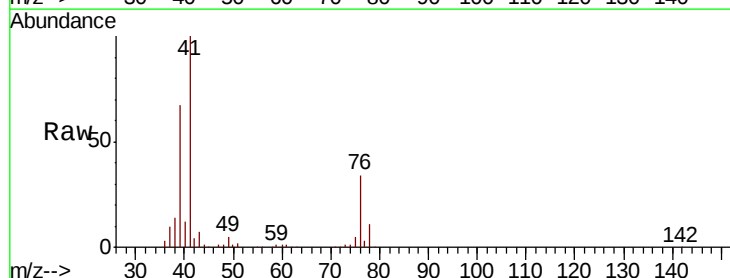
Tgt Ion: 41 Resp: 120985

Ion Ratio Lower Upper

41 100

39 68.0 55.7 83.5

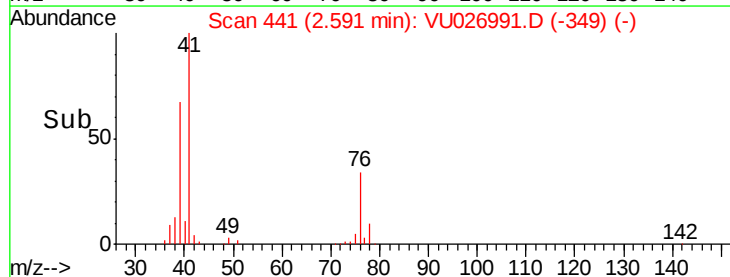
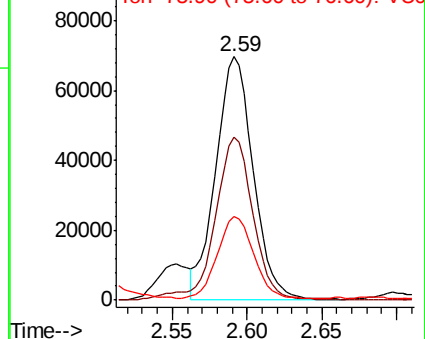
76 32.8 26.5 39.7

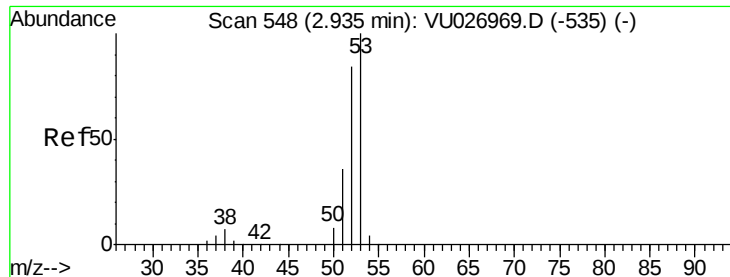


Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

Ion 75.90 (75.60 to 76.60): VU0





#15

Acrylonitrile

Concen: 246.181 ug/l

RT: 2.94 min Scan# 548

Delta R.T. 0.00 min

Lab File: VU026991.D

Acq: 22 Sep 2018 00:49

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

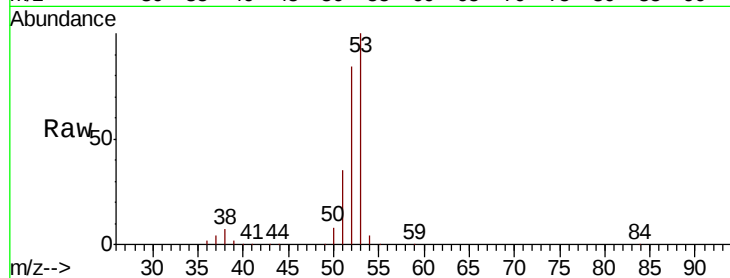
Tgt Ion: 53 Resp: 247123

Ion Ratio Lower Upper

53 100

52 82.1 65.7 98.5

51 36.0 27.4 41.2



Abundance Ion 53.00 (52.70 to 53.70): VU026991.D (-535) (-)

Ion 52.00 (51.70 to 52.70): VU026991.D (-535) (-)

Ion 51.00 (50.70 to 51.70): VU026991.D (-535) (-)

2.94

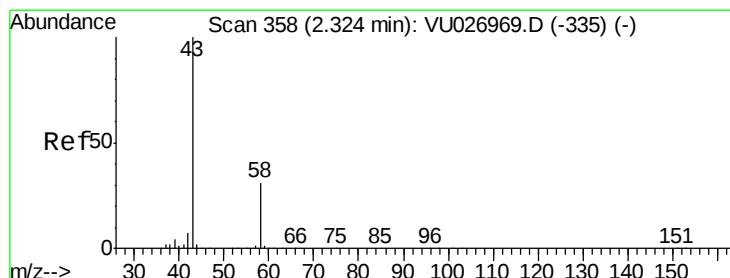
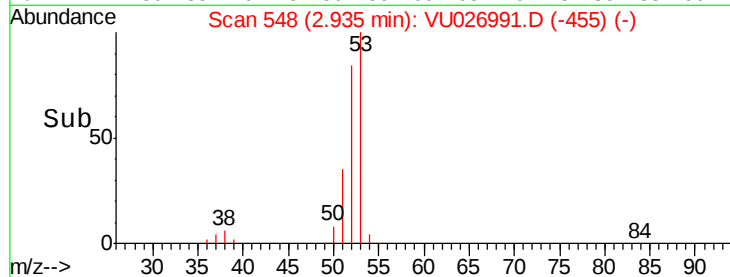
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 232.568 ug/l

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU026991.D

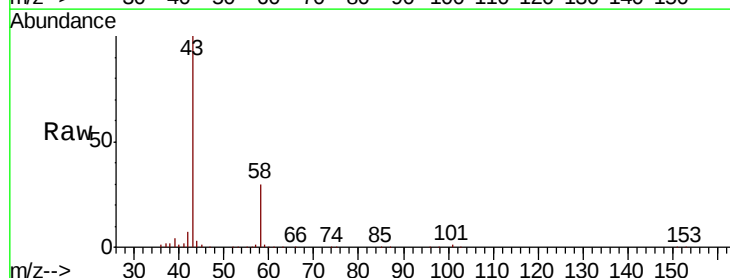
Acq: 22 Sep 2018 00:49

Tgt Ion: 43 Resp: 215734

Ion Ratio Lower Upper

43 100

58 29.8 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VU026991.D (-265) (-)

Ion 58.00 (57.70 to 58.70): VU026991.D (-265) (-)

2.32

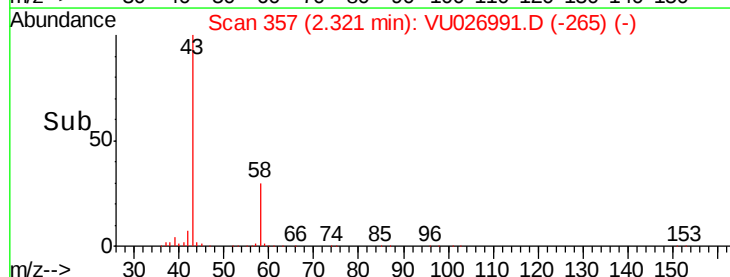
150000

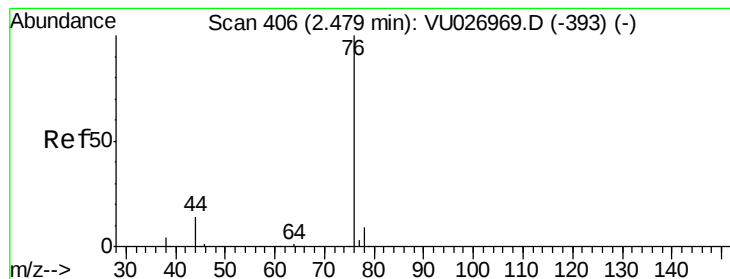
100000

50000

0

Time-->





#17

Carbon Disulfide

Concen: 46.527 ug/l

RT: 2.48 min Scan# 405

Delta R.T. -0.00 min

Lab File: VU026991.D

Acq: 22 Sep 2018 00:49

Instrument :

MSVOA_U

ClientSampleId :

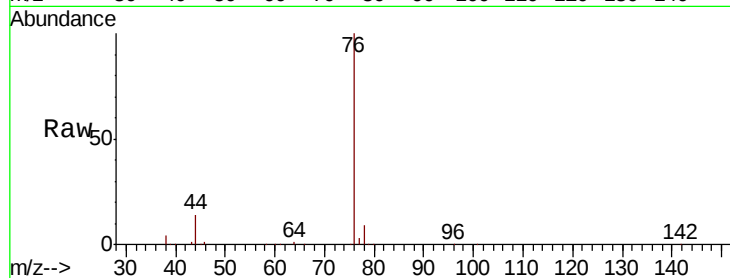
VSTDCCC050EC

Tgt Ion: 76 Resp: 180736

Ion Ratio Lower Upper

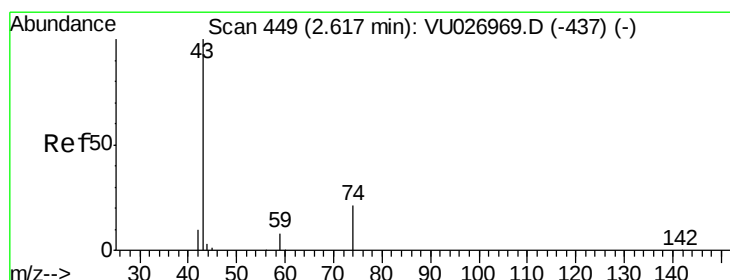
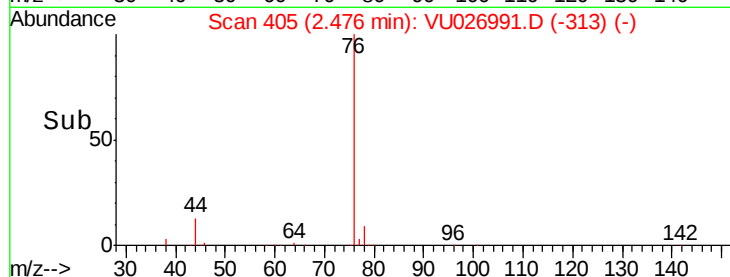
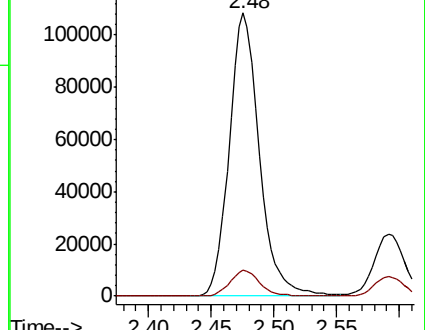
76 100

78 9.0 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VU026991.D (-313) (-)

Ion 77.90 (77.60 to 78.60): VU026991.D (-313) (-)



#18

Methyl Acetate

Concen: 48.807 ug/l

RT: 2.62 min Scan# 449

Delta R.T. 0.00 min

Lab File: VU026991.D

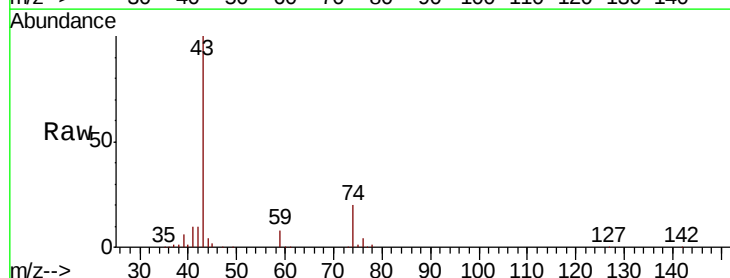
Acq: 22 Sep 2018 00:49

Tgt Ion: 43 Resp: 120712

Ion Ratio Lower Upper

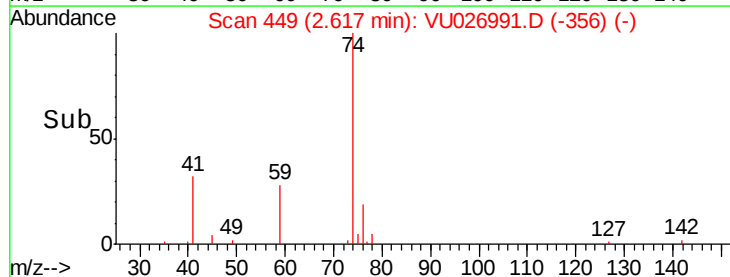
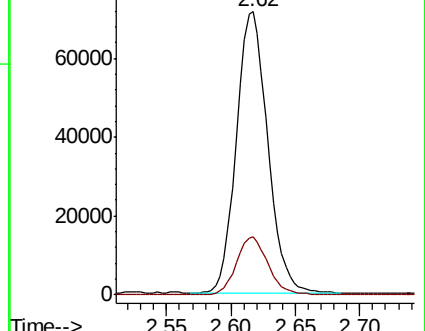
43 100

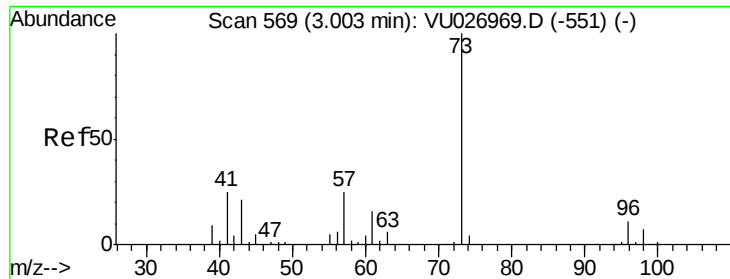
74 20.8 16.6 25.0



Abundance Ion 43.00 (42.70 to 43.70): VU026991.D (-356) (-)

Ion 74.00 (73.70 to 74.70): VU026991.D (-356) (-)



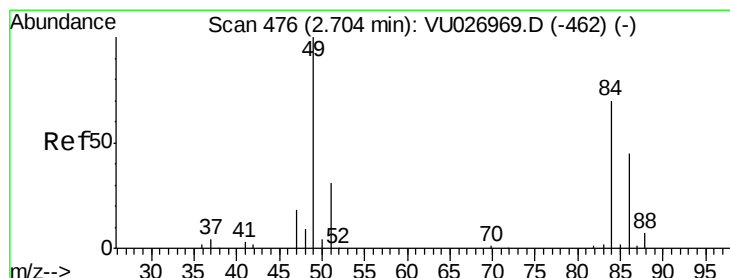
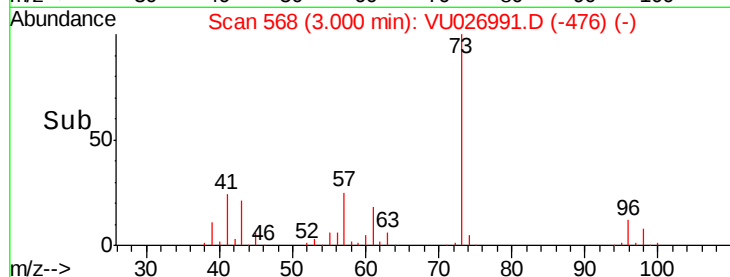
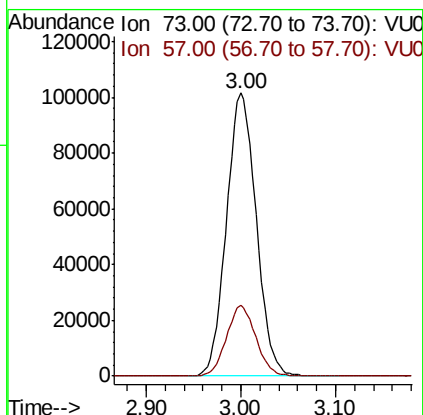
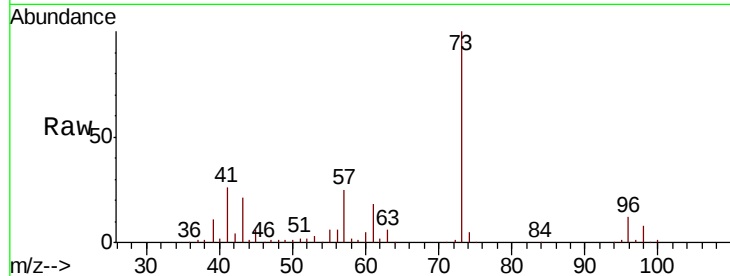


#19

Methyl tert-butyl Ether
 Concen: 50.697 ug/l
 RT: 3.00 min Scan# 568
 Delta R.T. -0.00 min
 Lab File: VU026991.D
 Acq: 22 Sep 2018 00:49

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

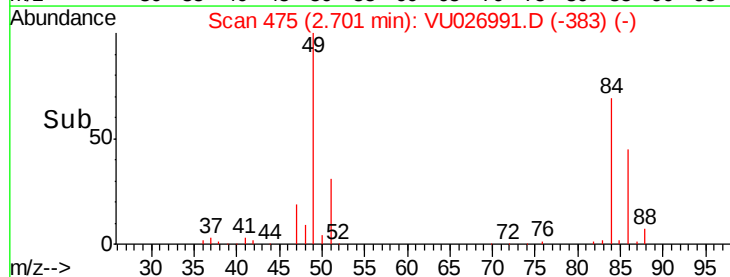
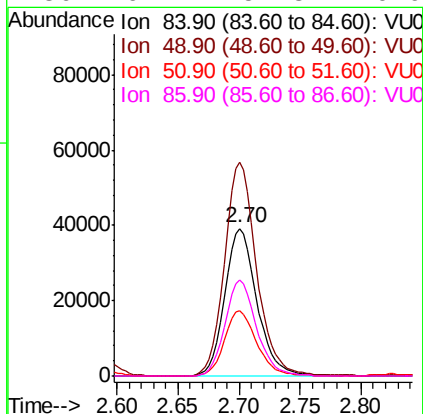
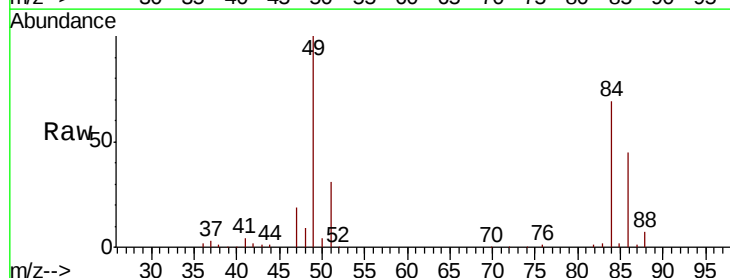
Tgt Ion: 73 Resp: 222151
 Ion Ratio Lower Upper
 73 100
 57 24.9 19.8 29.6

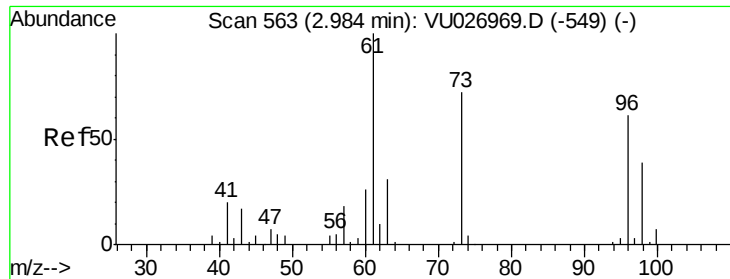


#20

Methylene Chloride
 Concen: 46.439 ug/l
 RT: 2.70 min Scan# 475
 Delta R.T. -0.00 min
 Lab File: VU026991.D
 Acq: 22 Sep 2018 00:49

Tgt Ion: 84 Resp: 72268
 Ion Ratio Lower Upper
 84 100
 49 144.7 114.9 172.3
 51 44.2 35.8 53.8
 86 64.7 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 50.183 ug/l

RT: 2.98 min Scan# 562

Delta R.T. -0.00 min

Lab File: VU026991.D

Acq: 22 Sep 2018 00:49

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

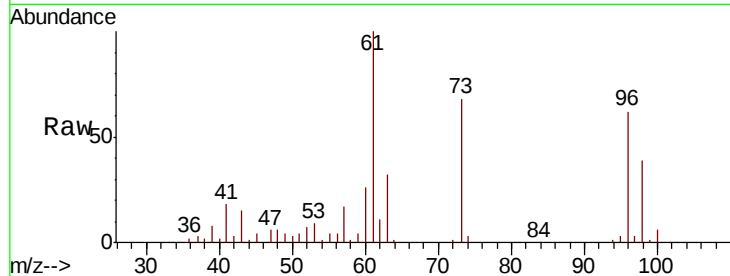
Tgt Ion: 96 Resp: 63889

Ion Ratio Lower Upper

96 100

61 160.2 131.8 197.6

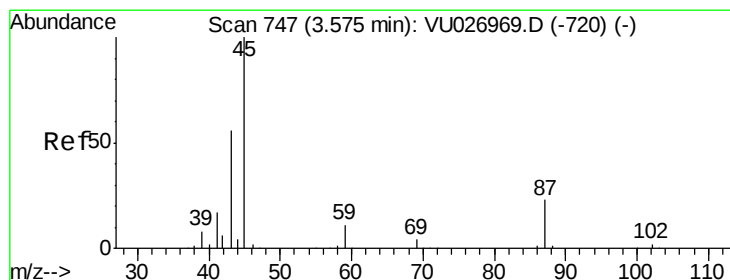
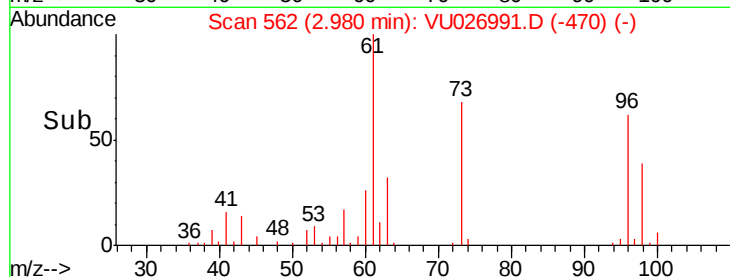
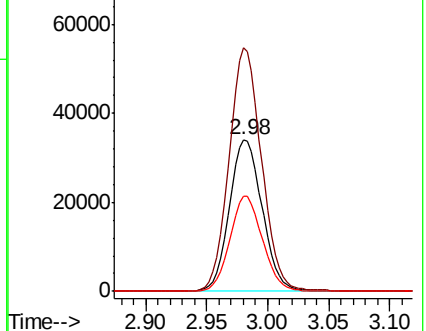
98 62.6 50.9 76.3



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: 52.283 ug/l

RT: 3.57 min Scan# 746

Delta R.T. -0.00 min

Lab File: VU026991.D

Acq: 22 Sep 2018 00:49

Tgt Ion: 45 Resp: 270463

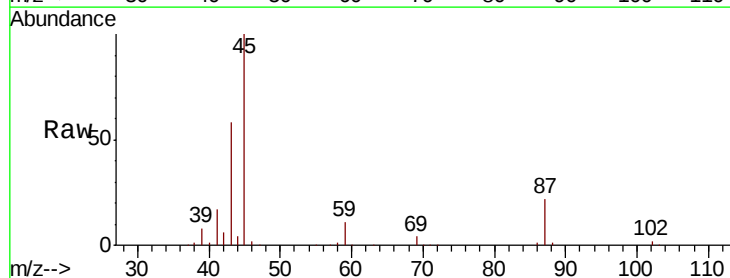
Ion Ratio Lower Upper

45 100

43 56.2 45.8 68.6

87 22.4 18.6 28.0

59 11.0 9.0 13.4

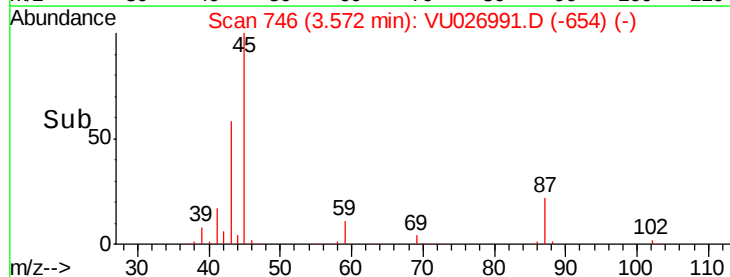
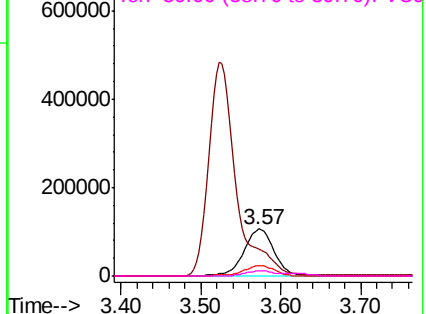


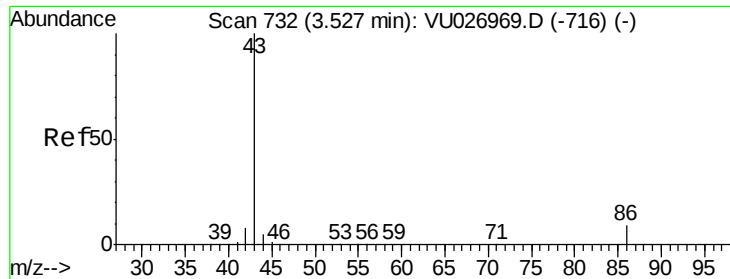
Abundance Ion 45.00 (44.70 to 45.70): VU0

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: 262.951 ug/l

RT: 3.52 min Scan# 731

Delta R.T. -0.00 min

Lab File: VU026991.D

Acq: 22 Sep 2018 00:49

Instrument :

MSVOA_U

ClientSampleId :

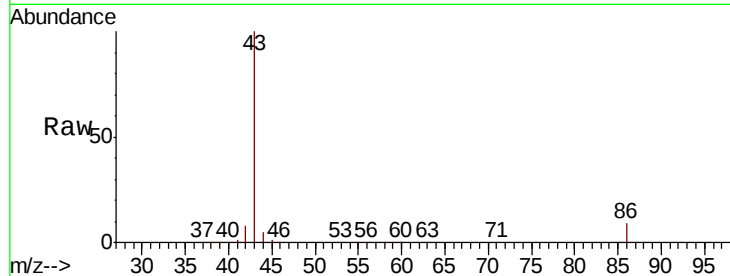
VSTDCCC050EC

Tgt Ion: 43 Resp: 1159506

Ion Ratio Lower Upper

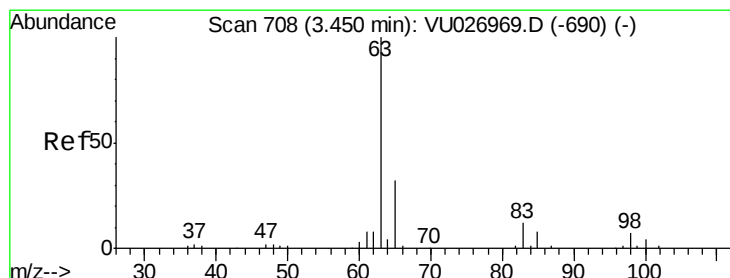
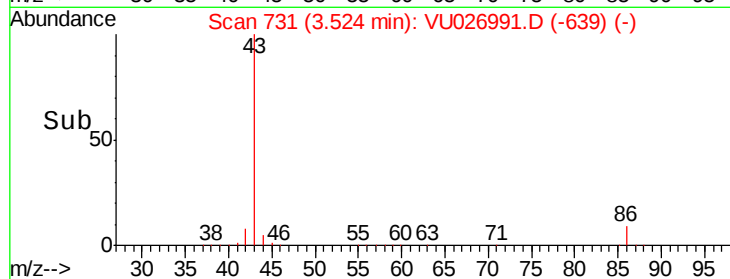
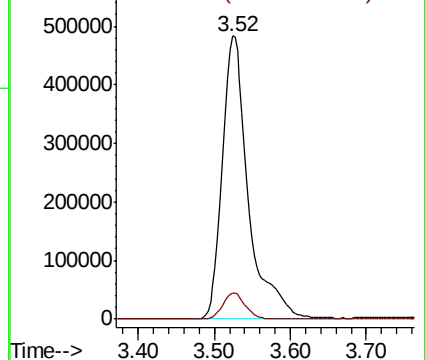
43 100

86 9.2 7.2 10.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 86.00 (85.70 to 86.70): VU0



#24

1,1-Dichloroethane

Concen: 49.954 ug/l

RT: 3.45 min Scan# 707

Delta R.T. -0.00 min

Lab File: VU026991.D

Acq: 22 Sep 2018 00:49

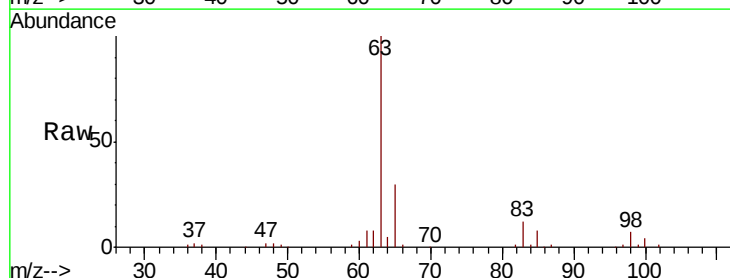
Tgt Ion: 63 Resp: 142325

Ion Ratio Lower Upper

63 100

98 6.6 3.3 9.8

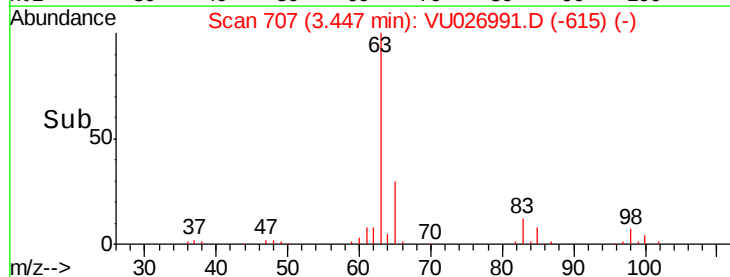
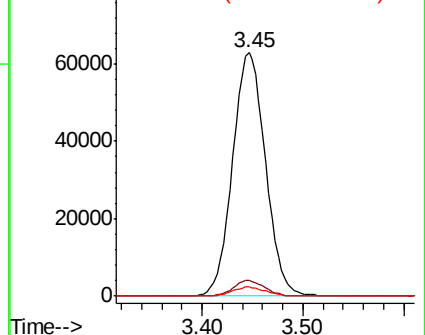
100 3.7 2.0 5.8



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 97.90 (97.60 to 98.60): VU0

Ion 99.90 (99.60 to 100.60): VU0





#25

2-Butanone

Concen: 238.694 ug/l

RT: 4.26 min Scan# 960

Delta R.T. -0.00 min

Lab File: VU026991.D

Acq: 22 Sep 2018 00:49

Instrument :

MSVOA_U

ClientSampleId :

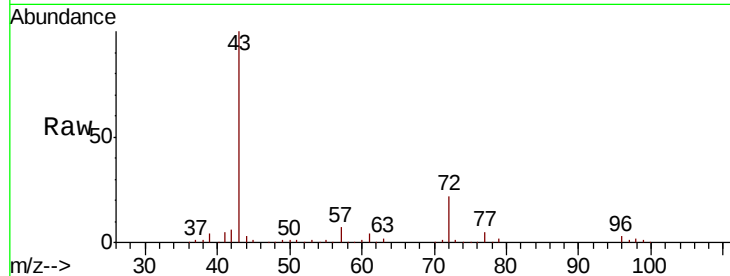
VSTDCCC050EC

Tgt Ion: 43 Resp: 348565

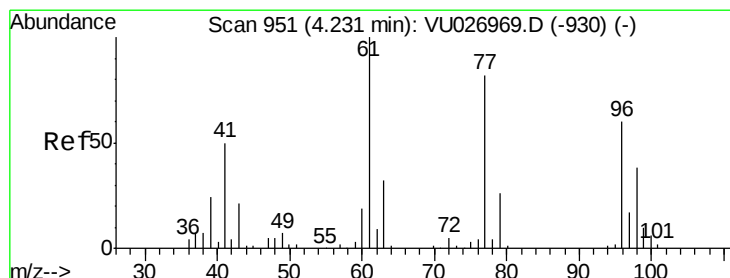
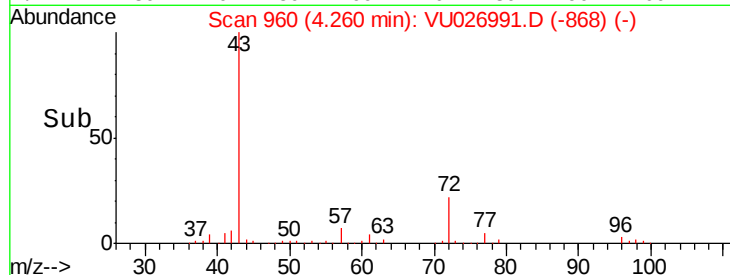
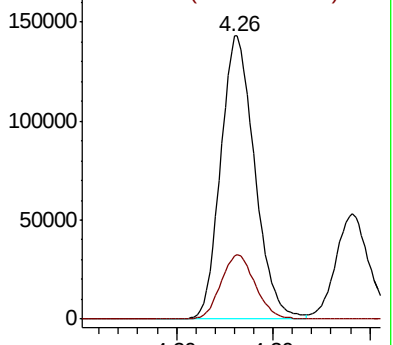
Ion Ratio Lower Upper

43 100

72 22.3 18.4 27.6



Abundance Ion 43.00 (42.70 to 43.70): VU026991.D (-868) (-)



#26

2,2-Dichloropropane

Concen: 41.509 ug/l

RT: 4.23 min Scan# 950

Delta R.T. -0.00 min

Lab File: VU026991.D

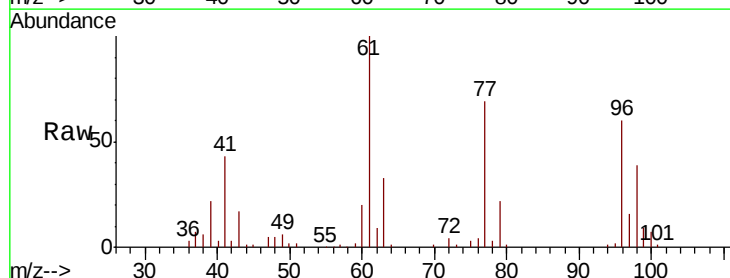
Acq: 22 Sep 2018 00:49

Tgt Ion: 77 Resp: 92231

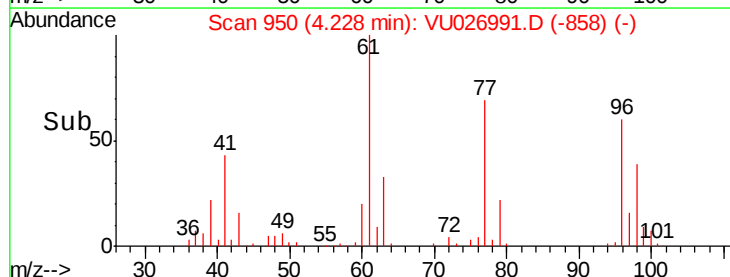
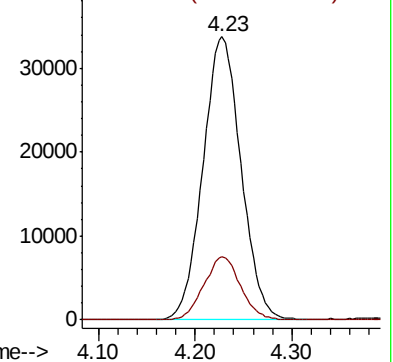
Ion Ratio Lower Upper

77 100

97 21.5 10.5 31.5



Abundance Ion 76.90 (76.60 to 77.60): VU026991.D (-858) (-)



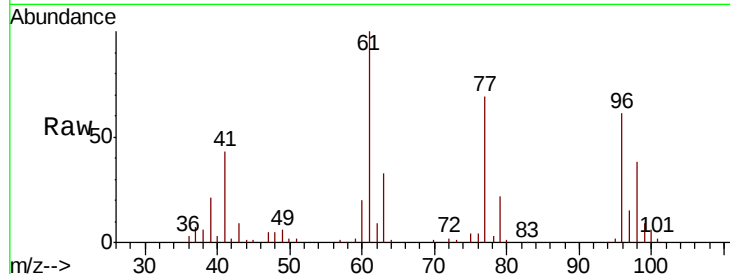


#27

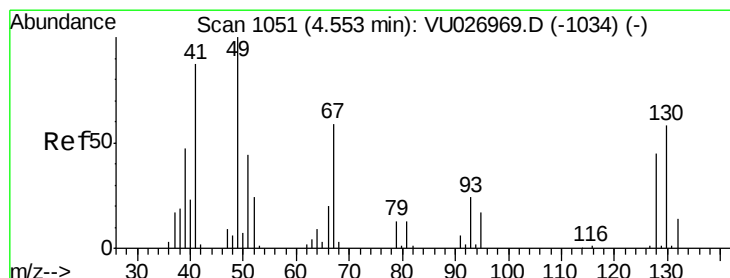
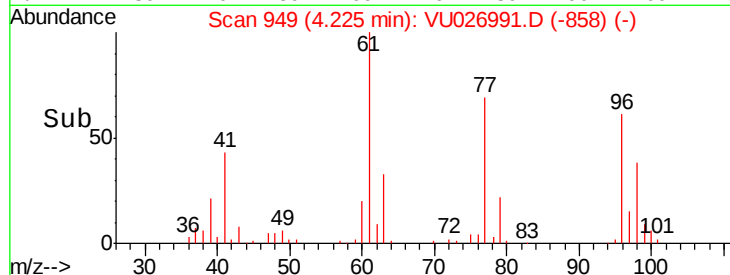
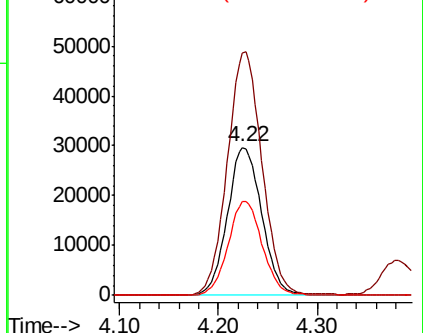
cis-1,2-Dichloroethene
 Concen: 50.144 ug/l
 RT: 4.22 min Scan# 949
 Delta R.T. -0.01 min
 Lab File: VU026991.D
 Acq: 22 Sep 2018 00:49

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96 Resp: 72095
 Ion Ratio Lower Upper
 96 100
 61 165.9 0.0 337.2
 98 63.2 0.0 127.6



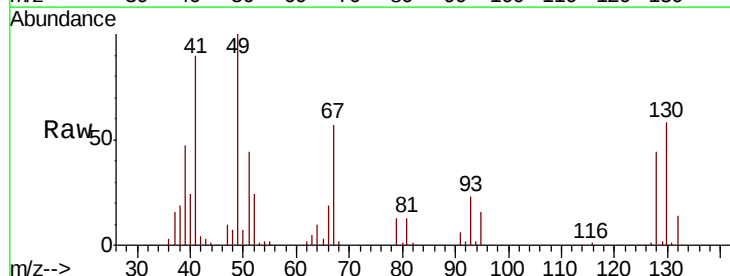
Abundance Ion 95.90 (95.60 to 96.60): VU0
 Ion 60.90 (60.60 to 61.60): VU0
 Ion 97.90 (97.60 to 98.60): VU0



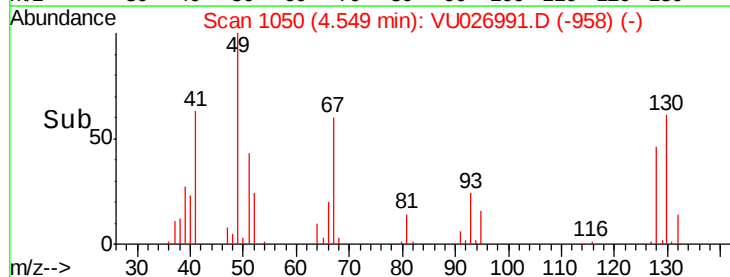
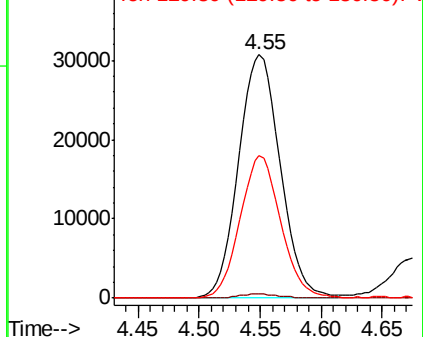
#28

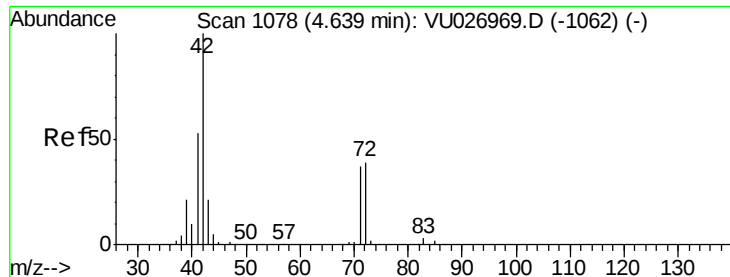
Bromochloromethane
 Concen: 53.025 ug/l
 RT: 4.55 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VU026991.D
 Acq: 22 Sep 2018 00:49

Tgt Ion: 49 Resp: 72824
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 3.0
 130 56.8 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: 255.429 ug/l

RT: 4.64 min Scan# 1078

Delta R.T. 0.00 min

Lab File: VU026991.D

Acq: 22 Sep 2018 00:49

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

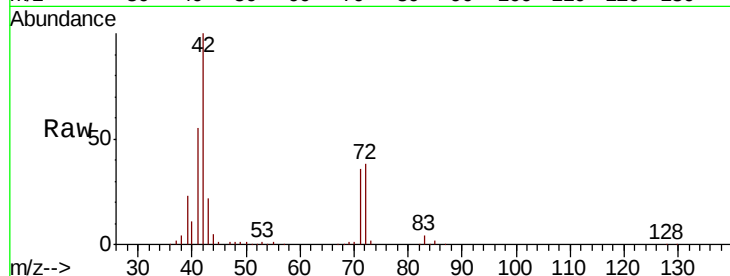
Tgt Ion: 42 Resp: 225642

Ion Ratio Lower Upper

42 100

72 38.7 31.7 47.5

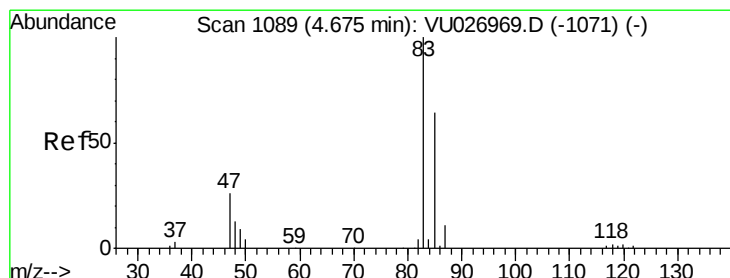
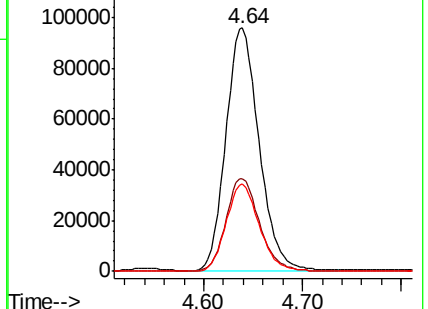
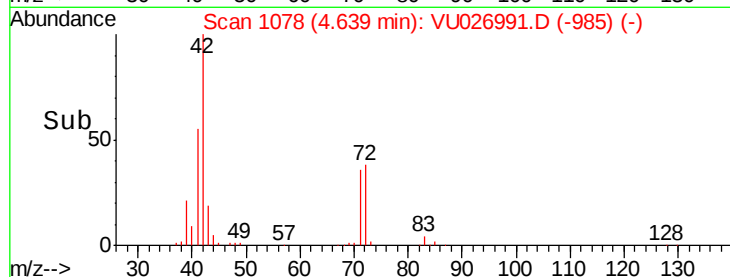
71 36.0 29.6 44.4



Abundance Ion 42.00 (41.70 to 42.70): VU026991.D (-985) (-)

Ion 72.00 (71.70 to 72.70): VU026991.D (-985) (-)

Ion 71.00 (70.70 to 71.70): VU026991.D (-985) (-)



#30

Chloroform

Concen: 48.209 ug/l

RT: 4.67 min Scan# 1089

Delta R.T. 0.00 min

Lab File: VU026991.D

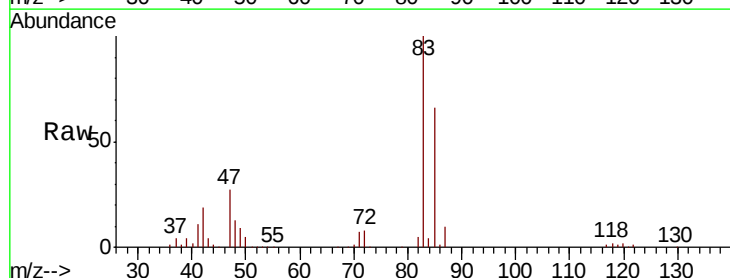
Acq: 22 Sep 2018 00:49

Tgt Ion: 83 Resp: 127495

Ion Ratio Lower Upper

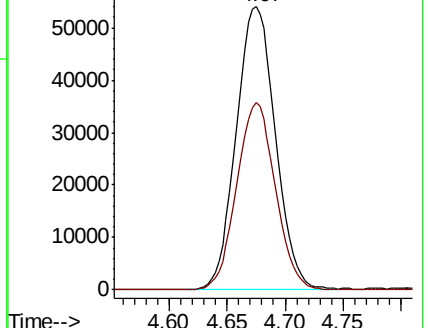
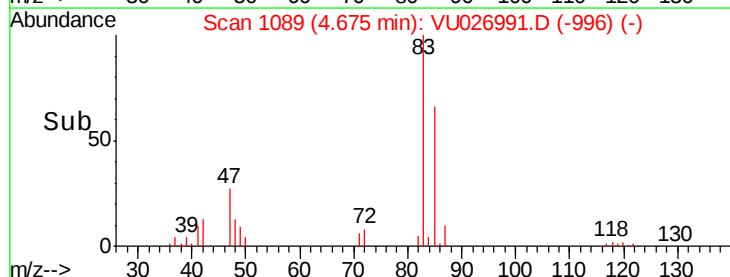
83 100

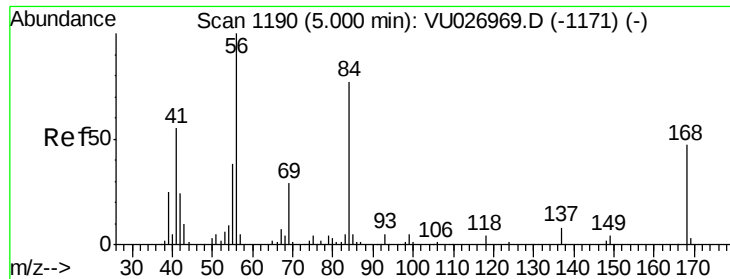
85 66.3 51.5 77.3



Abundance Ion 82.90 (82.60 to 83.60): VU026991.D (-996) (-)

Ion 84.90 (84.60 to 85.60): VU026991.D (-996) (-)

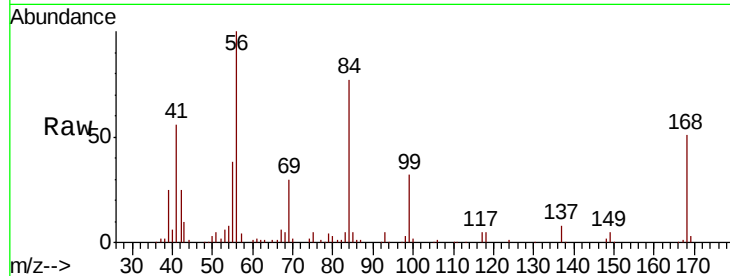




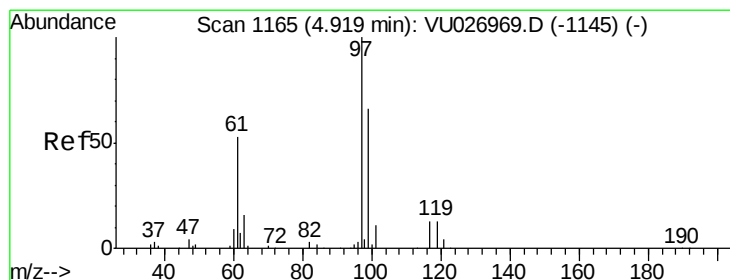
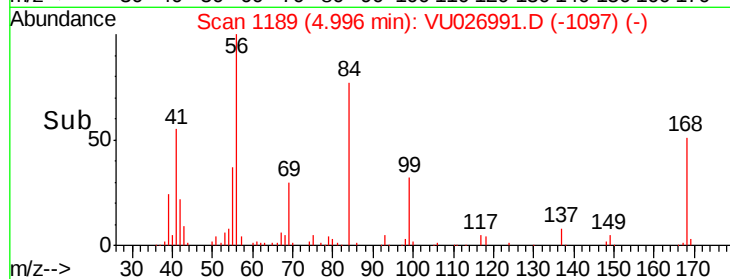
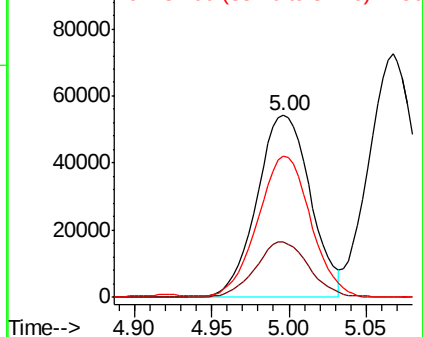
#31
Cyclohexane
Concen: 50.378 ug/l
RT: 5.00 min Scan# 1189
Delta R.T. -0.00 min
Lab File: VU026991.D
Acq: 22 Sep 2018 00:49

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 130462
Ion Ratio Lower Upper
56 100
69 30.2 23.0 34.4
84 76.5 61.4 92.2

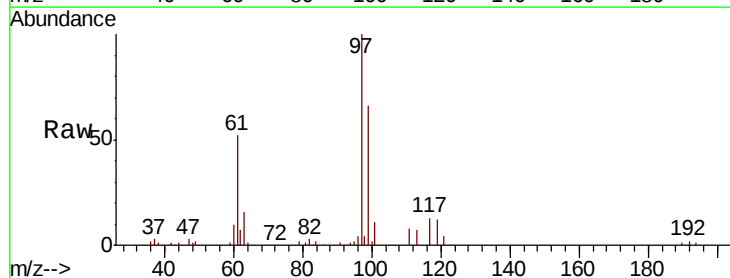


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

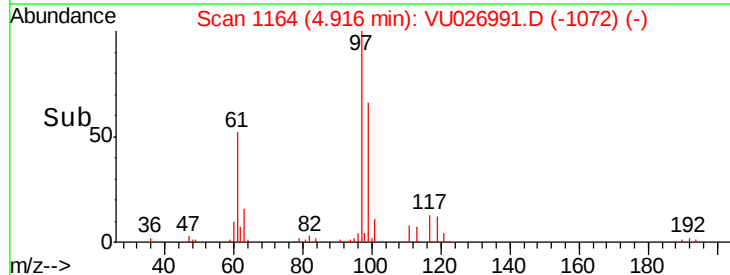
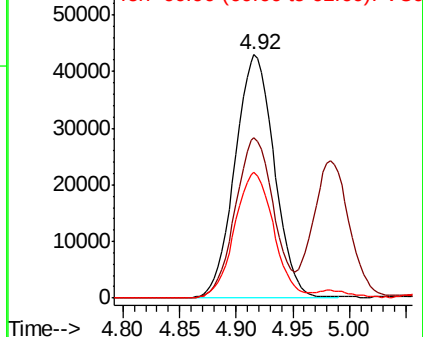


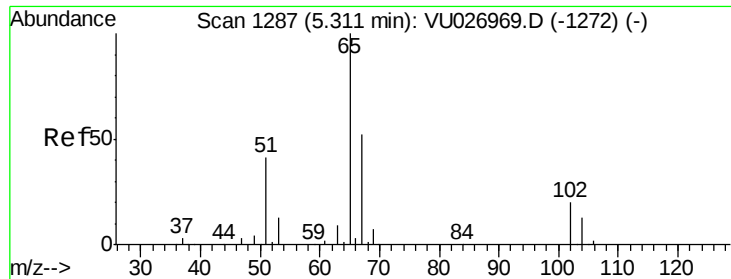
#32
1,1,1-Trichloroethane
Concen: 49.240 ug/l
RT: 4.92 min Scan# 1164
Delta R.T. -0.00 min
Lab File: VU026991.D
Acq: 22 Sep 2018 00:49

Tgt Ion: 97 Resp: 103973
Ion Ratio Lower Upper
97 100
99 64.7 51.8 77.6
61 51.6 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

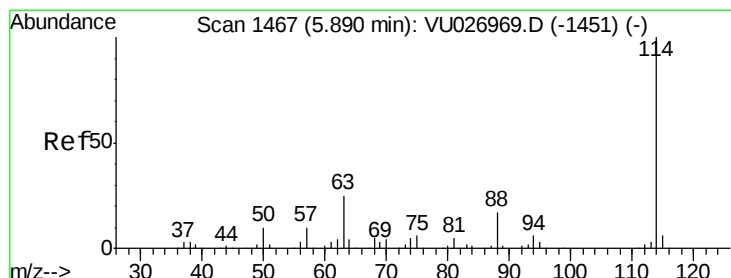
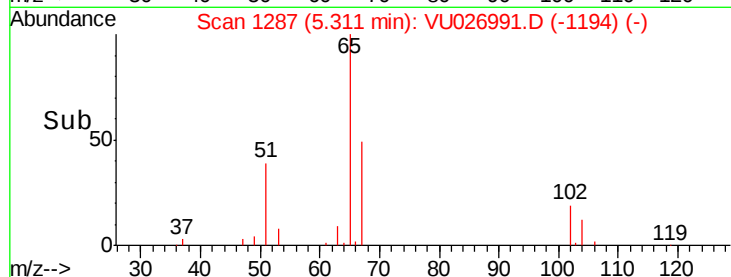
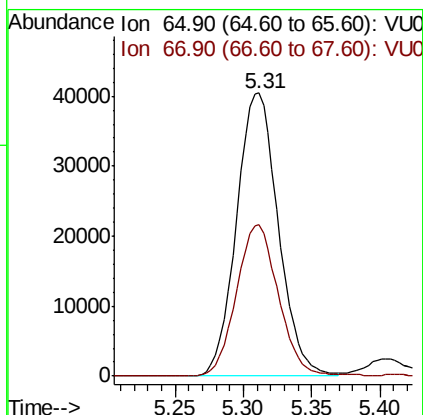
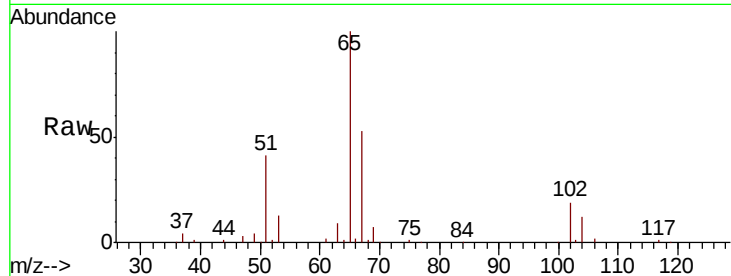




#33
 1,2-Dichloroethane-d4
 Concen: 49.551 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: VU026991.D
 Acq: 22 Sep 2018 00:49

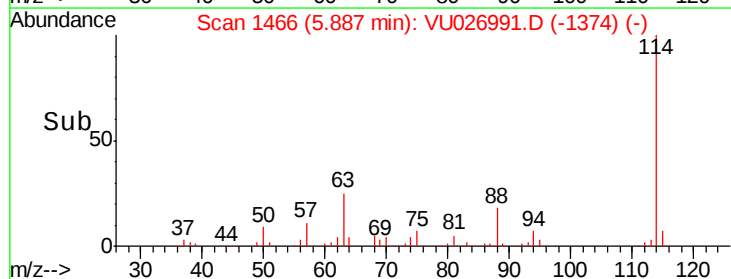
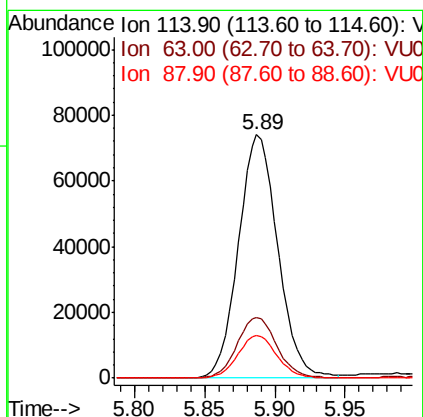
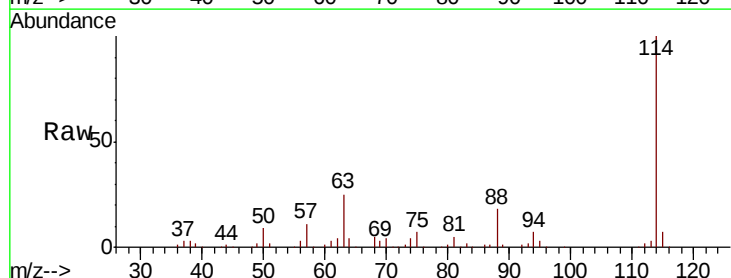
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

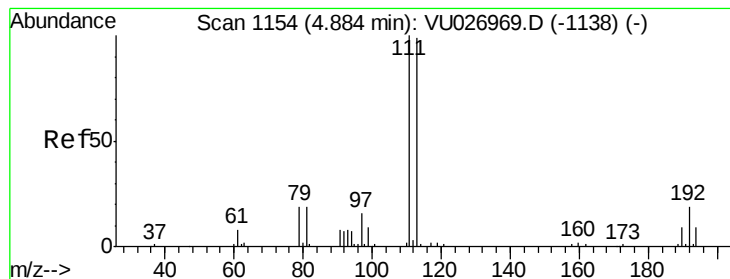
Tgt Ion: 65 Resp: 86103
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: VU026991.D
 Acq: 22 Sep 2018 00:49

Tgt Ion: 114 Resp: 144819
 Ion Ratio Lower Upper
 114 100
 63 25.0 0.0 49.2
 88 17.7 0.0 33.8





#35

Dibromofluoromethane

Concen: 48.808 ug/l

RT: 4.88 min Scan# 1154

Delta R.T. 0.00 min

Lab File: VU026991.D

Acq: 22 Sep 2018 00:49

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

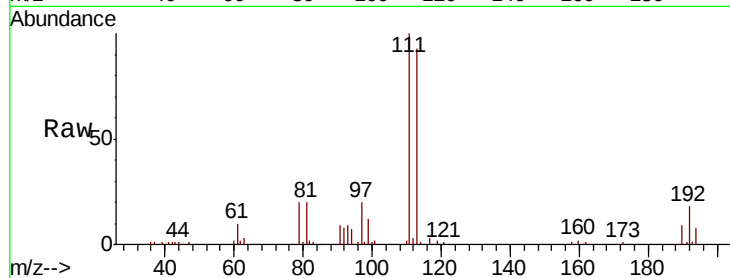
Tgt Ion:113 Resp: 61269

Ion Ratio Lower Upper

113 100

111 103.4 82.2 123.4

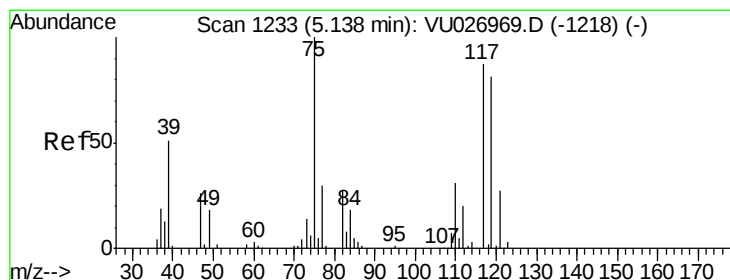
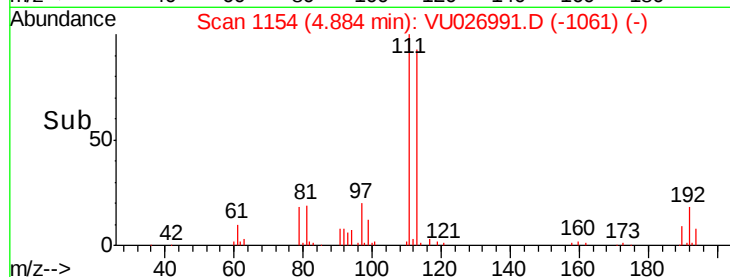
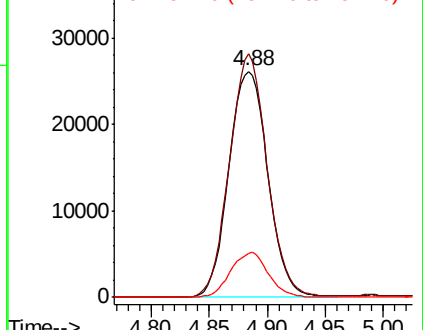
192 19.1 15.2 22.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 49.728 ug/l

RT: 5.14 min Scan# 1233

Delta R.T. 0.00 min

Lab File: VU026991.D

Acq: 22 Sep 2018 00:49

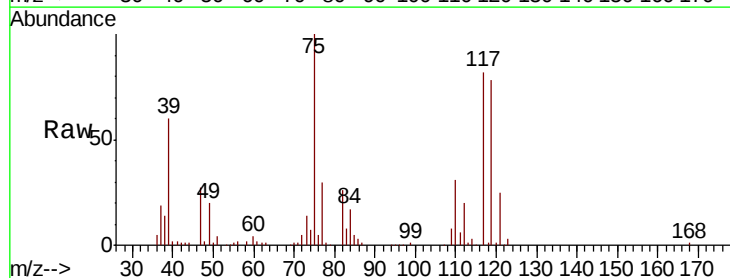
Tgt Ion: 75 Resp: 96114

Ion Ratio Lower Upper

75 100

110 31.2 16.1 48.2

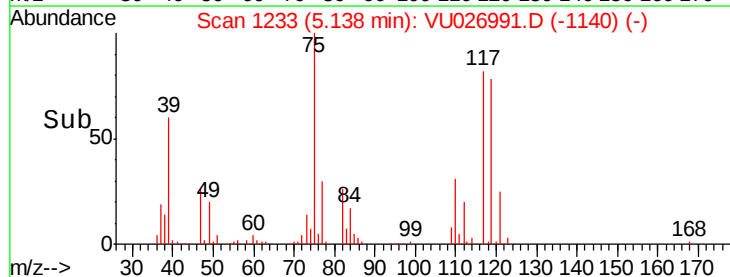
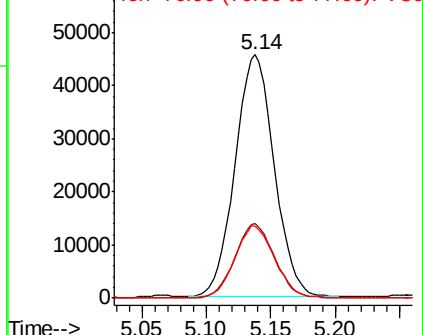
77 30.6 24.6 36.8

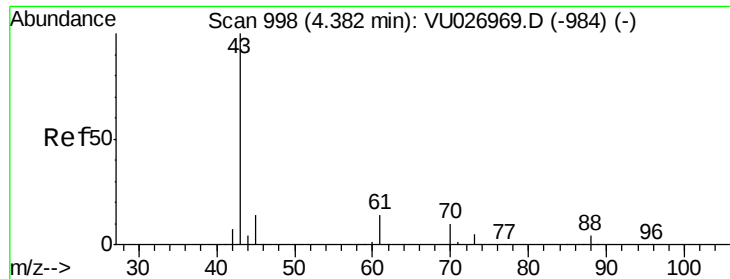


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VU0

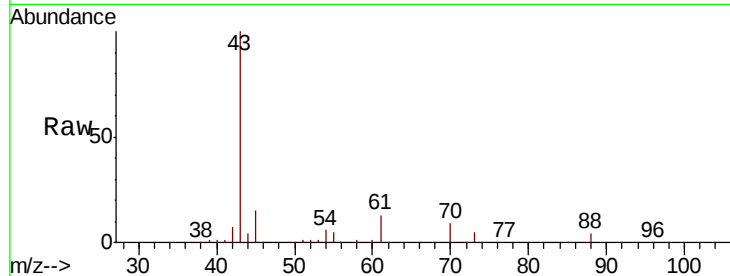




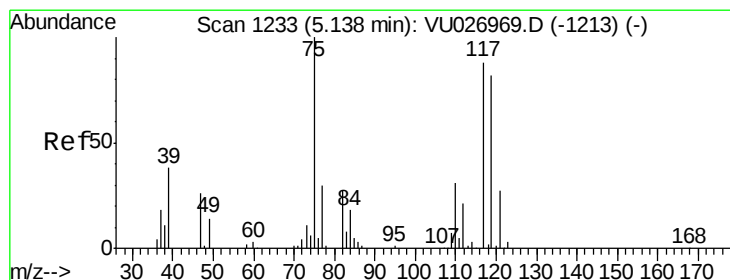
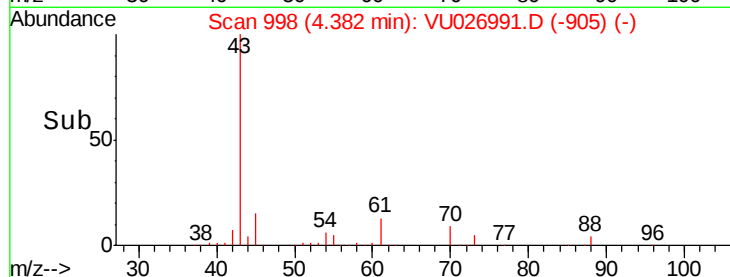
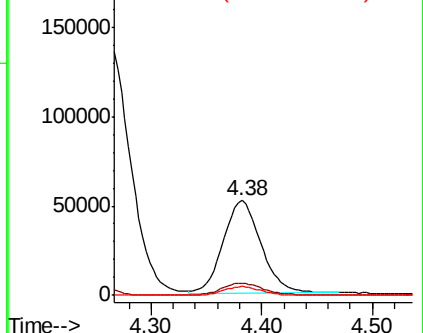
#37
Ethyl Acetate
Concen: 47.570 ug/l
RT: 4.38 min Scan# 998
Delta R.T. 0.00 min
Lab File: VU026991.D
Acq: 22 Sep 2018 00:49

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 124466
Ion Ratio Lower Upper
43 100
61 13.9 10.5 15.7
70 9.3 7.4 11.0

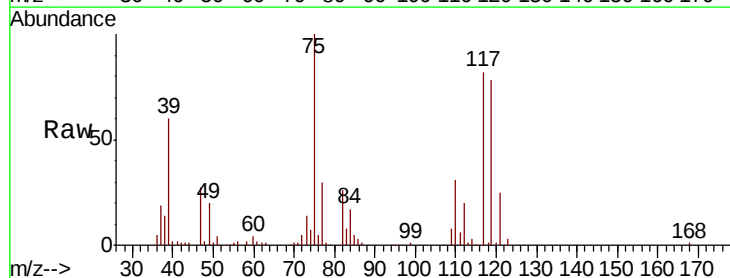


Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 60.90 (60.60 to 61.60): VU0
Ion 70.00 (69.70 to 70.70): VU0

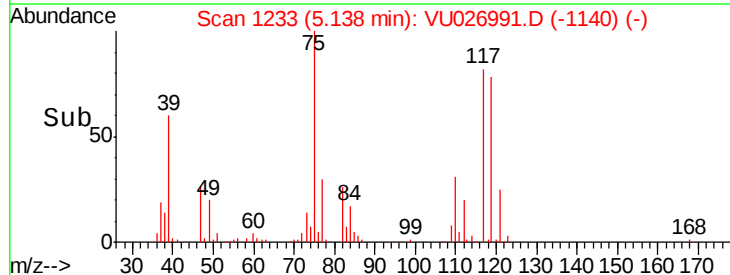
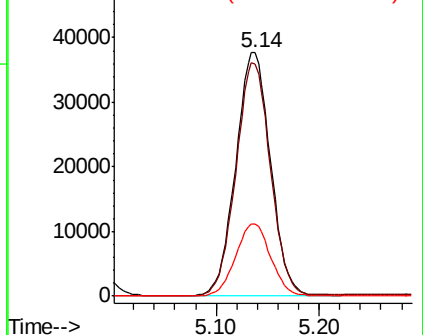


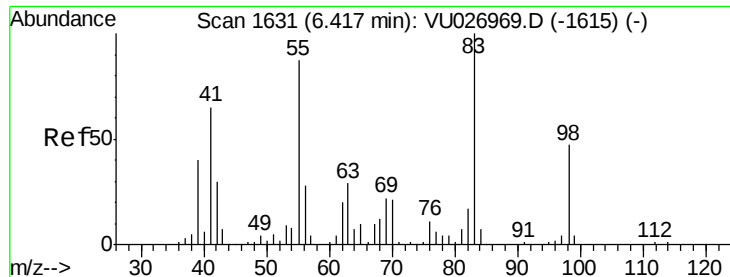
#38
Carbon Tetrachloride
Concen: 48.124 ug/l
RT: 5.14 min Scan# 1233
Delta R.T. 0.00 min
Lab File: VU026991.D
Acq: 22 Sep 2018 00:49

Tgt Ion: 117 Resp: 88514
Ion Ratio Lower Upper
117 100
119 95.3 74.4 111.6
121 29.8 24.2 36.4



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

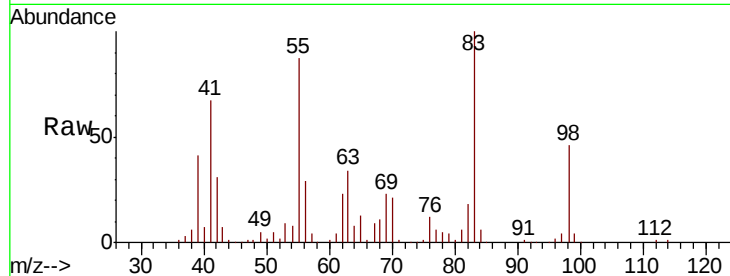




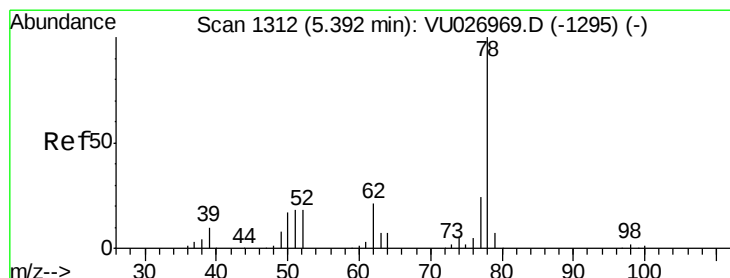
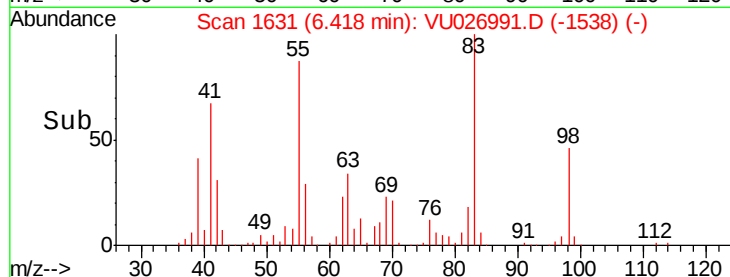
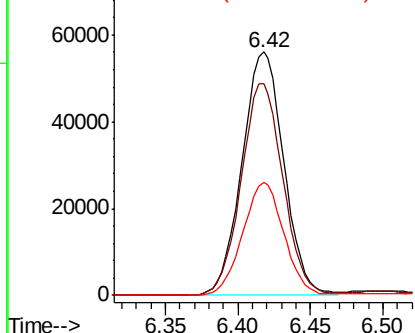
#39
Methylcyclohexane
Concen: 53.579 ug/l
RT: 6.42 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VU026991.D
Acq: 22 Sep 2018 00:49

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 112537
Ion Ratio Lower Upper
83 100
55 87.2 69.9 104.9
98 46.5 37.5 56.3

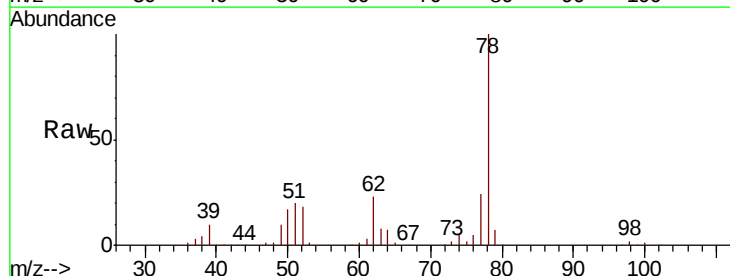


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

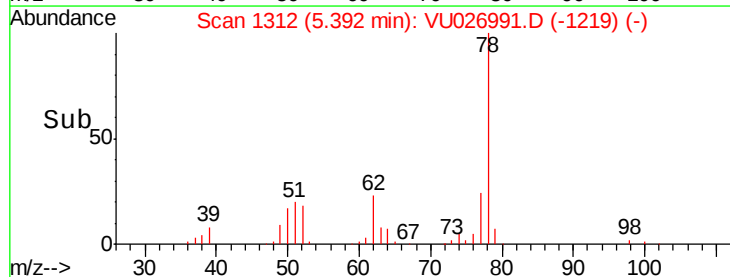
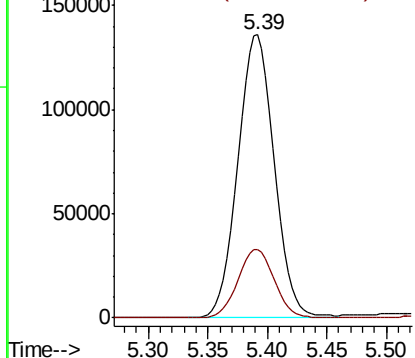


#40
Benzene
Concen: 49.147 ug/l
RT: 5.39 min Scan# 1312
Delta R.T. 0.00 min
Lab File: VU026991.D
Acq: 22 Sep 2018 00:49

Tgt Ion: 78 Resp: 288767
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

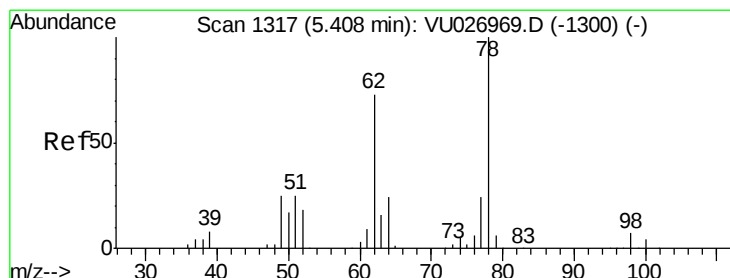
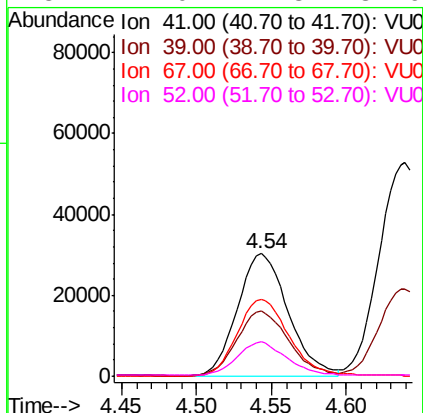
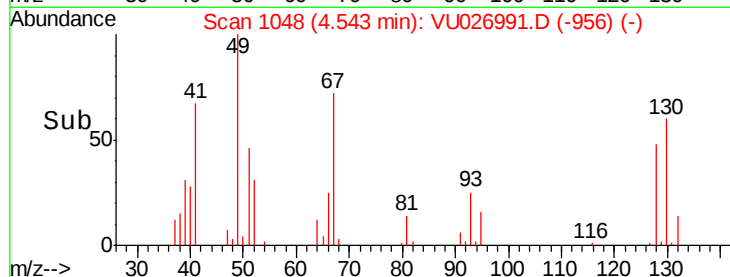
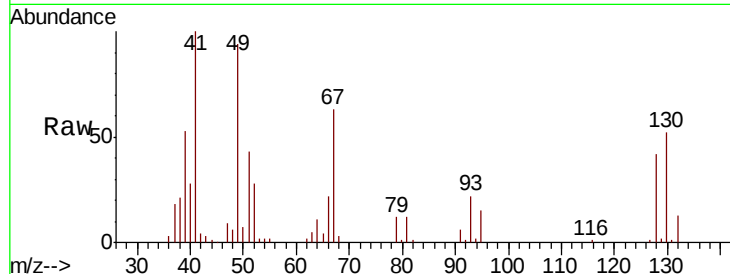




#41
Methacrylonitrile
Concen: 52.242 ug/l
RT: 4.54 min Scan# 1048
Delta R.T. -0.00 min
Lab File: VU026991.D
Acq: 22 Sep 2018 00:49

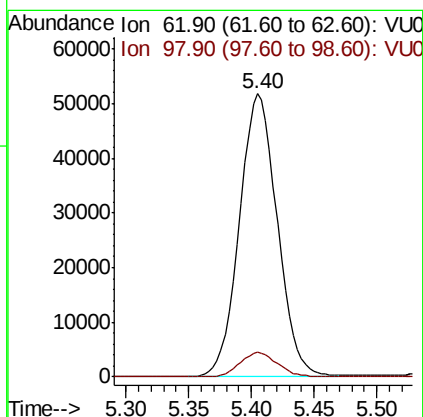
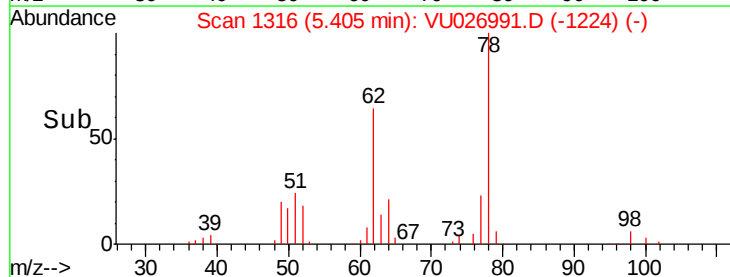
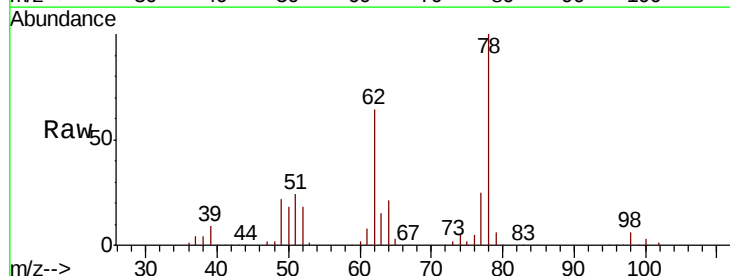
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	41	Resp:	70989
Ion	Ratio	Lower	Upper
41	100		
39	53.8	42.9	64.3
67	65.0	52.4	78.6
52	27.0	21.3	31.9



#42
1,2-Dichloroethane
Concen: 49.099 ug/l
RT: 5.40 min Scan# 1316
Delta R.T. -0.00 min
Lab File: VU026991.D
Acq: 22 Sep 2018 00:49

Tgt Ion:	62	Resp:	108994
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	17.0

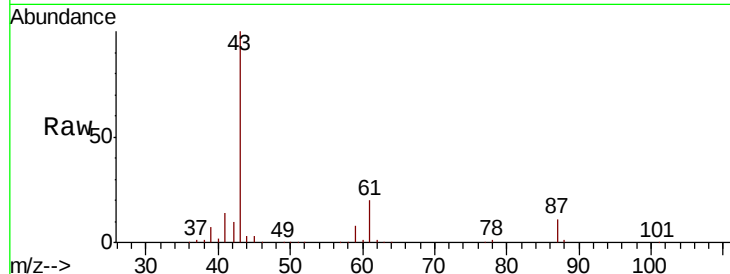




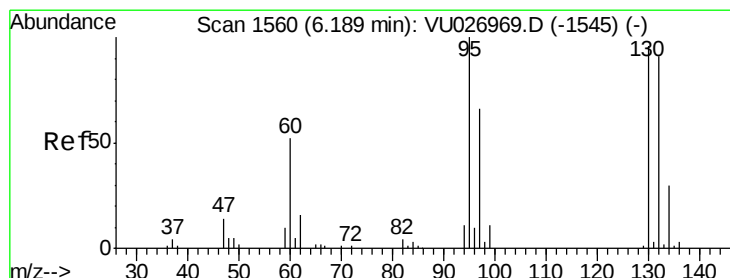
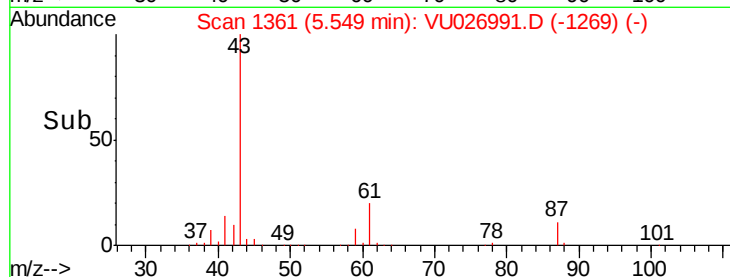
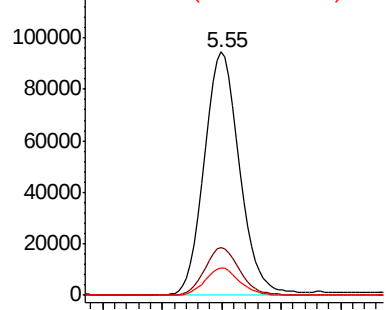
#43
Isopropyl Acetate
Concen: 50.980 ug/l
RT: 5.55 min Scan# 1361
Delta R.T. -0.00 min
Lab File: VU026991.D
Acq: 22 Sep 2018 00:49

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 194530
Ion Ratio Lower Upper
43 100
61 19.3 15.7 23.5
87 11.0 9.0 13.4

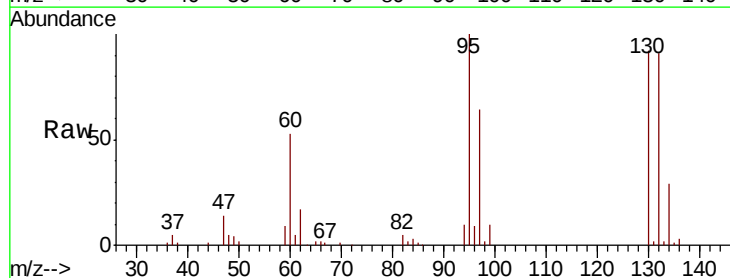


Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 87.00 (86.70 to 87.70): VU0

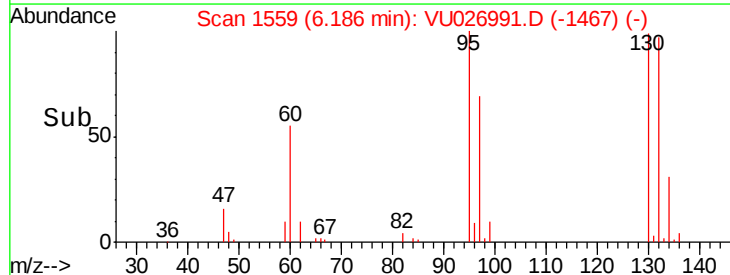
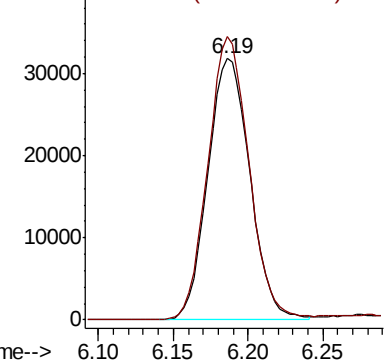


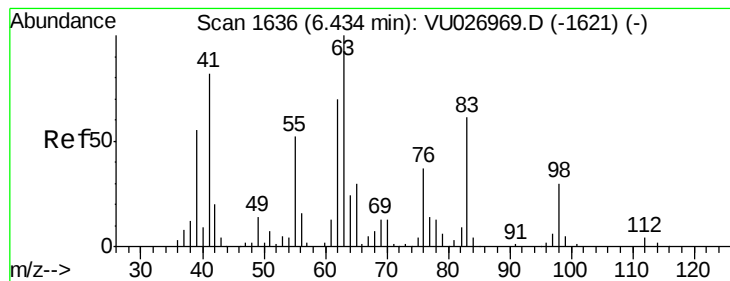
#44
Trichloroethene
Concen: 49.900 ug/l
RT: 6.19 min Scan# 1559
Delta R.T. -0.00 min
Lab File: VU026991.D
Acq: 22 Sep 2018 00:49

Tgt Ion: 130 Resp: 62418
Ion Ratio Lower Upper
130 100
95 108.4 0.0 208.8



Abundance Ion 129.80 (129.50 to 130.50): V
40000 Ion 94.90 (94.60 to 95.60): VU0





#45

1,2-Dichloropropane

Concen: 50.487 ug/l

RT: 6.43 min Scan# 1636

Delta R.T. 0.00 min

Lab File: VU026991.D

Acq: 22 Sep 2018 00:49

Instrument :

MSVOA_U

ClientSampleId :

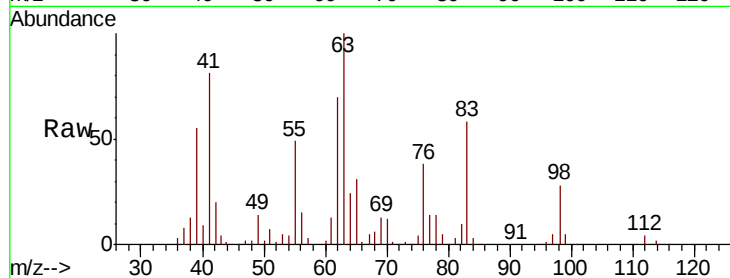
VSTDCCC050EC

Tgt Ion: 63 Resp: 84523

Ion Ratio Lower Upper

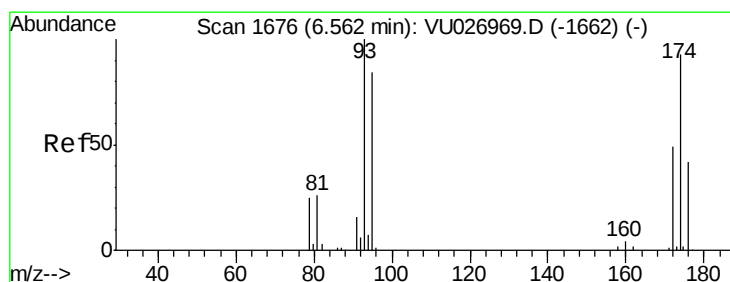
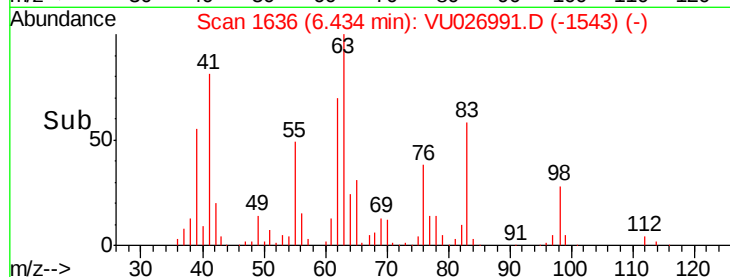
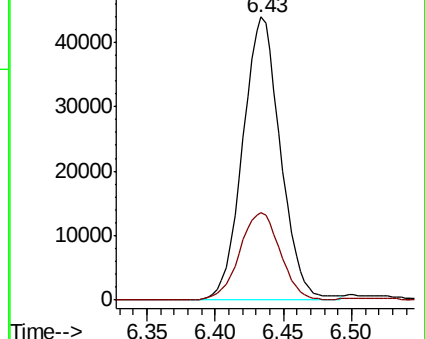
63 100

65 30.9 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 64.90 (64.60 to 65.60): VU0



#46

Dibromomethane

Concen: 48.632 ug/l

RT: 6.56 min Scan# 1676

Delta R.T. 0.00 min

Lab File: VU026991.D

Acq: 22 Sep 2018 00:49

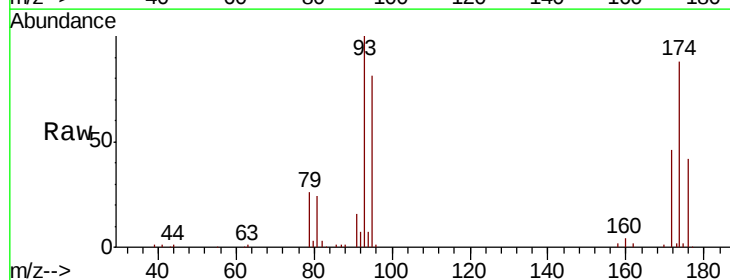
Tgt Ion: 93 Resp: 49172

Ion Ratio Lower Upper

93 100

95 82.3 66.2 99.4

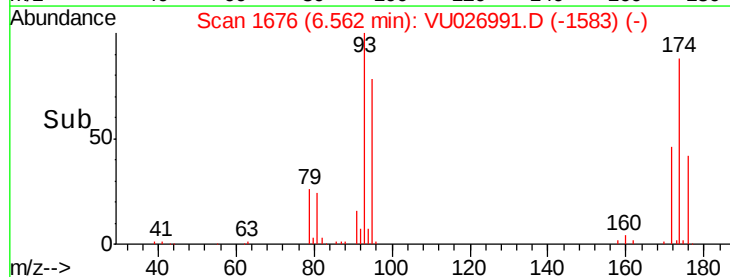
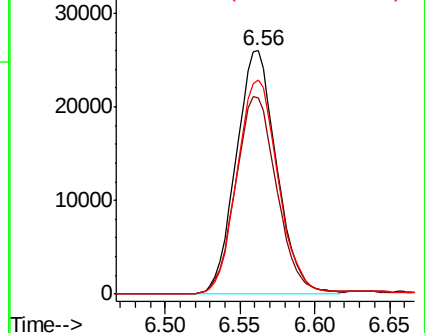
174 89.4 71.7 107.5



Abundance Ion 92.80 (92.50 to 93.50): VU0

Ion 94.80 (94.50 to 95.50): VU0

Ion 173.70 (173.40 to 174.40): V

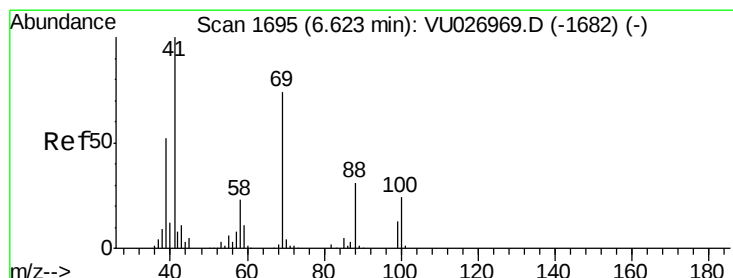
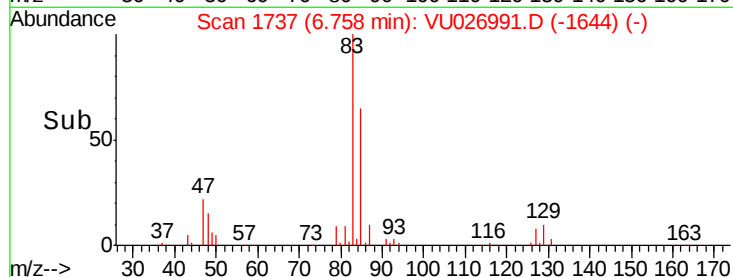
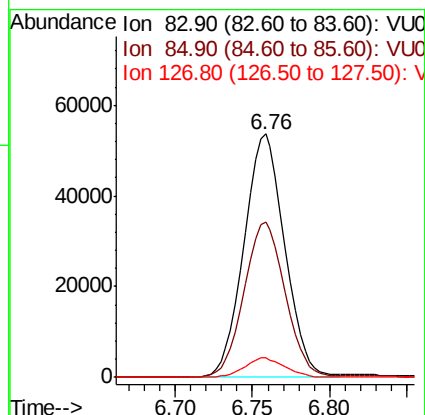
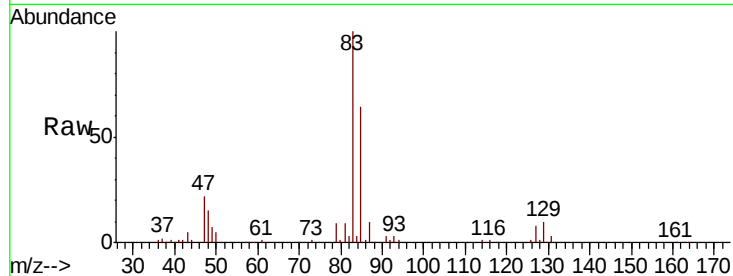




#47
Bromodichloromethane
Concen: 48.143 ug/l
RT: 6.76 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VU026991.D
Acq: 22 Sep 2018 00:49

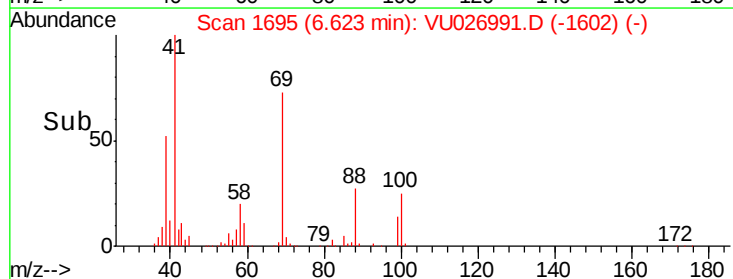
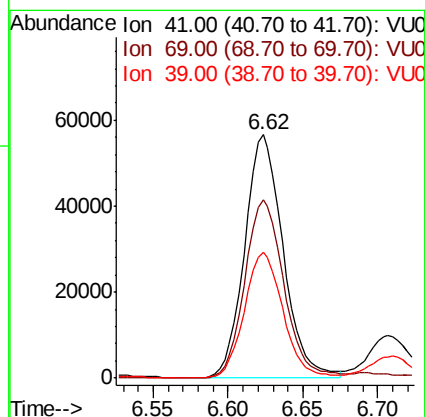
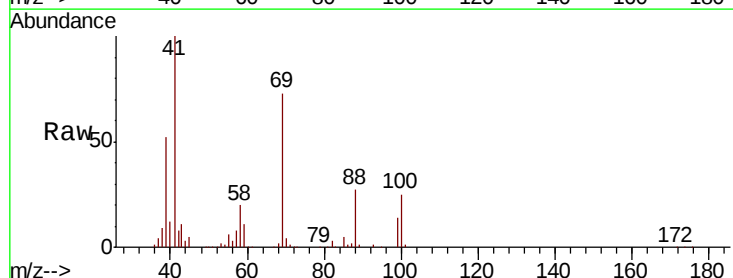
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 98429
Ion Ratio Lower Upper
83 100
85 63.8 52.5 78.7
127 7.9 6.3 9.5



#48
Methyl methacrylate
Concen: 48.634 ug/l
RT: 6.62 min Scan# 1695
Delta R.T. 0.00 min
Lab File: VU026991.D
Acq: 22 Sep 2018 00:49

Tgt Ion: 41 Resp: 100947
Ion Ratio Lower Upper
41 100
69 75.1 60.6 90.8
39 52.3 42.8 64.2

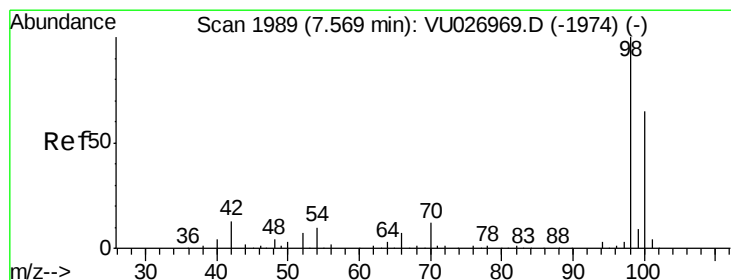
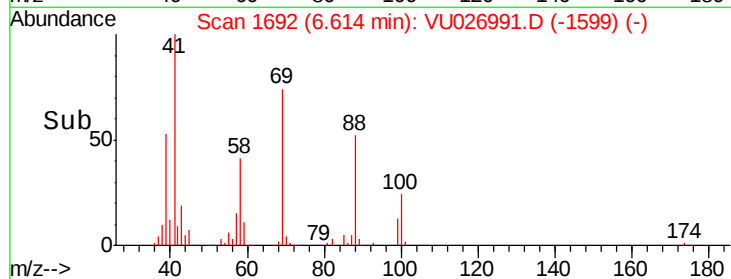
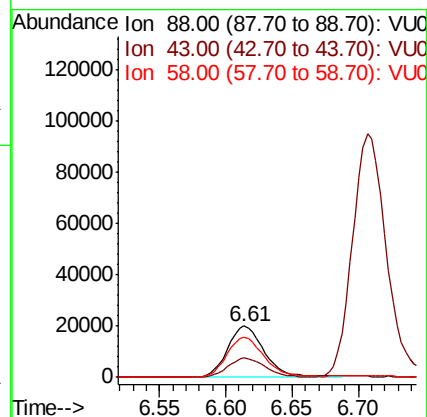
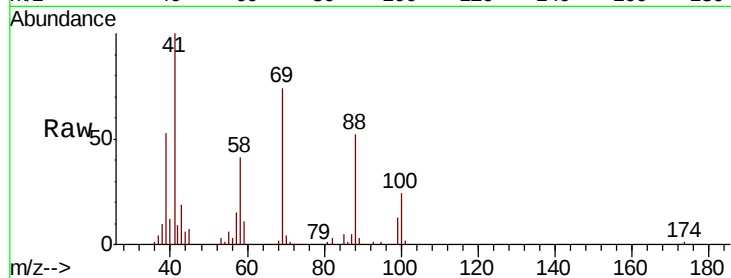




#49
1,4-Dioxane
Concen: 942.011 ug/l
RT: 6.61 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VU026991.D
Acq: 22 Sep 2018 00:49

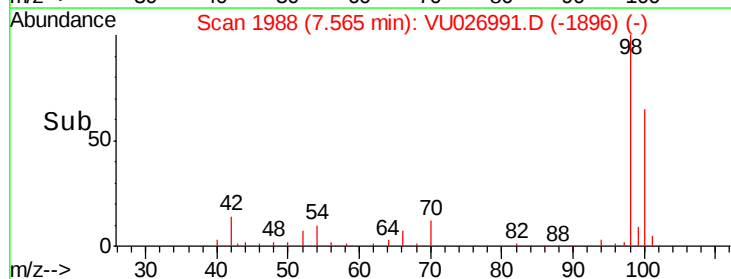
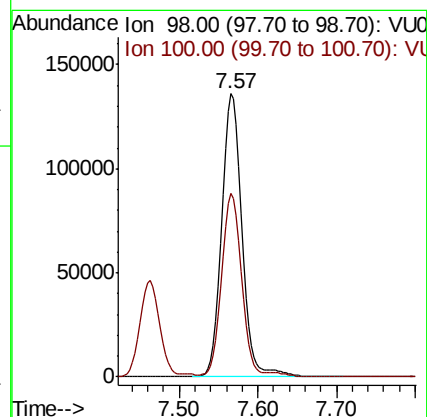
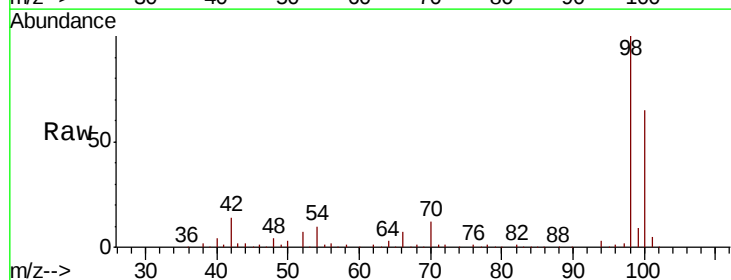
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 88 Resp: 38858
Ion Ratio Lower Upper
88 100
43 38.0 29.8 44.8
58 79.6 63.9 95.9



#50
Toluene-d8
Concen: 50.664 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VU026991.D
Acq: 22 Sep 2018 00:49

Tgt Ion: 98 Resp: 242373
Ion Ratio Lower Upper
98 100
100 65.2 52.1 78.1





#51

4-Methyl-2-Pentanone

Concen: 262.780 ug/l

RT: 7.46 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VU026991.D

Acq: 22 Sep 2018 00:49

Instrument :

MSVOA_U

ClientSampleId :

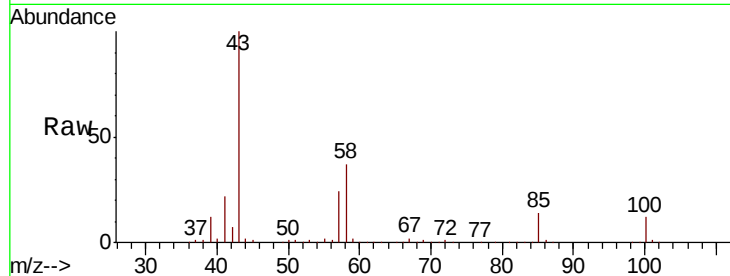
VSTDCCC050EC

Tgt Ion: 43 Resp: 674386

Ion Ratio Lower Upper

43 100

58 37.0 29.8 44.6



Abundance Ion 43.00 (42.70 to 43.70): VU026991.D (-1863) (-)

Ion 58.00 (57.70 to 58.70): VU026991.D (-1863) (-)

7.46

400000

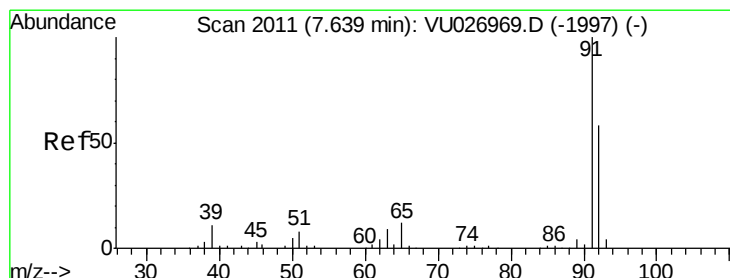
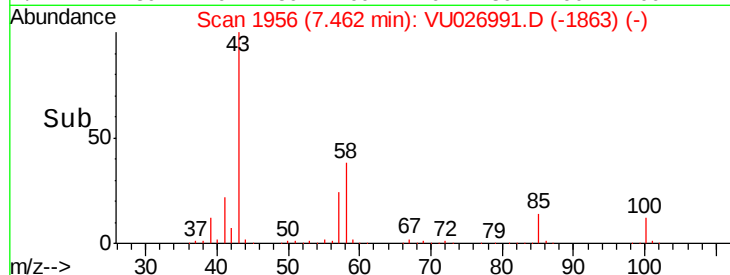
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 52.151 ug/l

RT: 7.64 min Scan# 2011

Delta R.T. 0.00 min

Lab File: VU026991.D

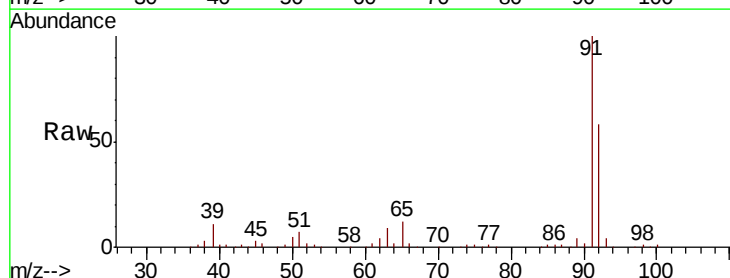
Acq: 22 Sep 2018 00:49

Tgt Ion: 92 Resp: 175638

Ion Ratio Lower Upper

92 100

91 168.1 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VU026991.D (-1918) (-)

Ion 91.00 (90.70 to 91.70): VU026991.D (-1918) (-)

200000

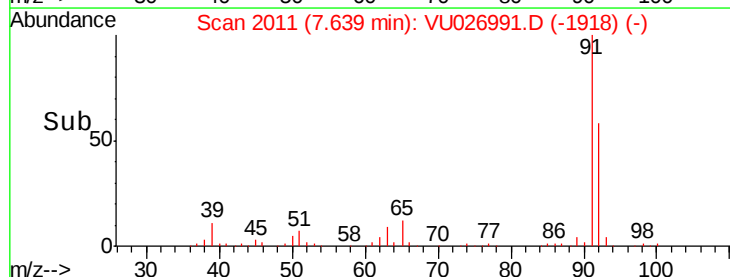
150000

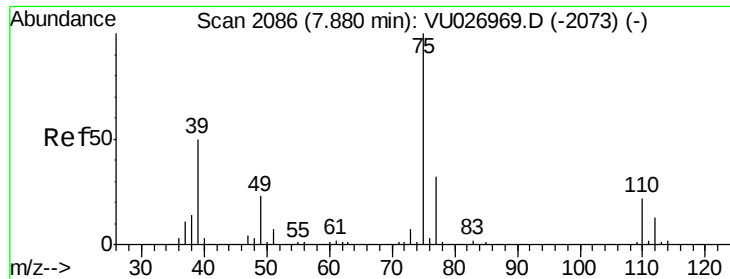
100000

50000

0

Time-->

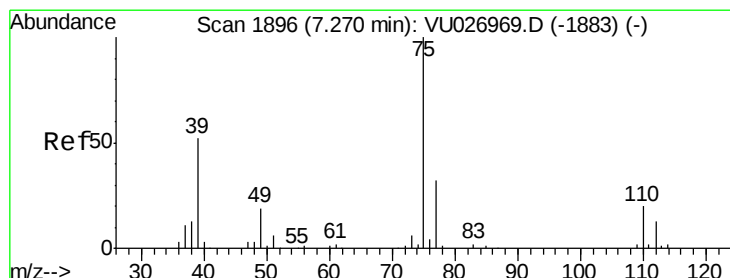
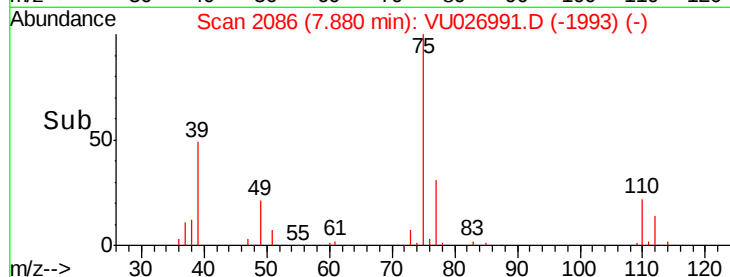
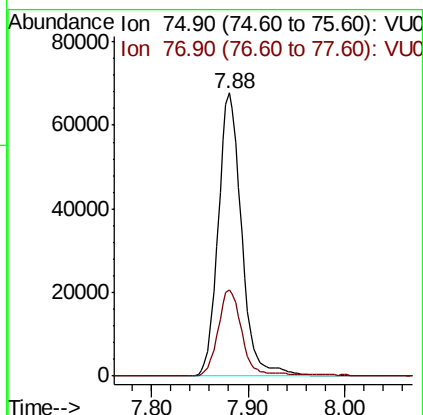
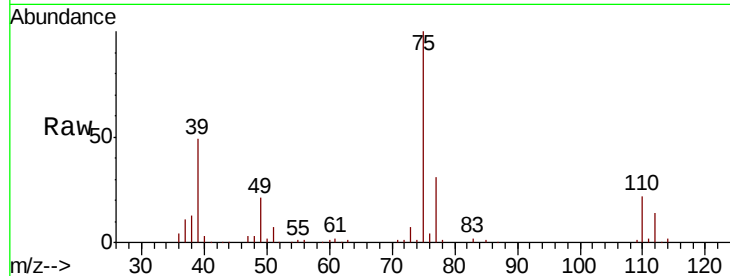




#53
t-1,3-Dichloropropene
Concen: 51.897 ug/l
RT: 7.88 min Scan# 2086
Delta R.T. 0.00 min
Lab File: VU026991.D
Acq: 22 Sep 2018 00:49

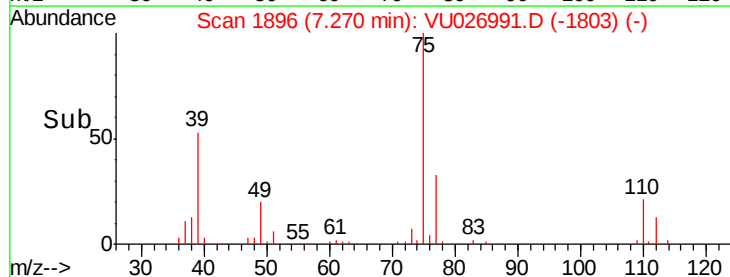
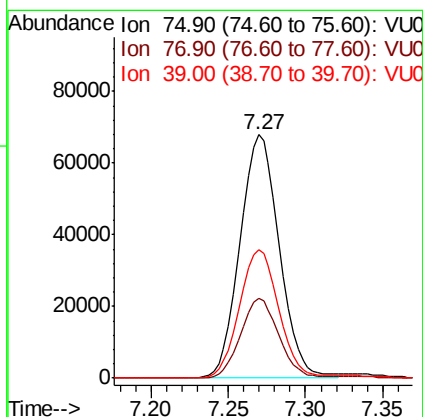
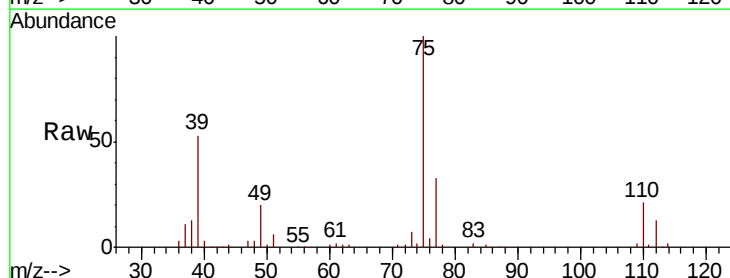
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 113999
Ion Ratio Lower Upper
75 100
77 30.6 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 49.827 ug/l
RT: 7.27 min Scan# 1896
Delta R.T. 0.00 min
Lab File: VU026991.D
Acq: 22 Sep 2018 00:49

Tgt Ion: 75 Resp: 120345
Ion Ratio Lower Upper
75 100
77 32.6 25.4 38.0
39 52.6 41.6 62.4

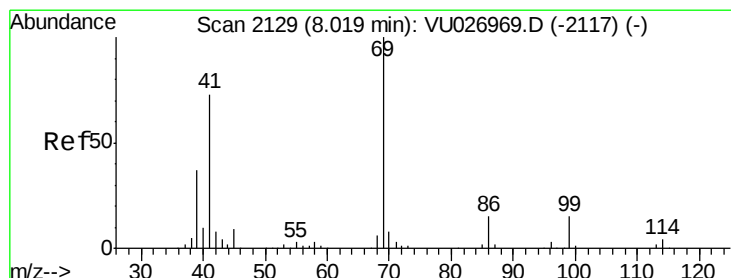
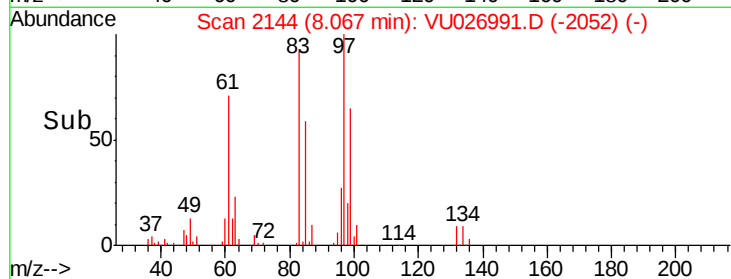
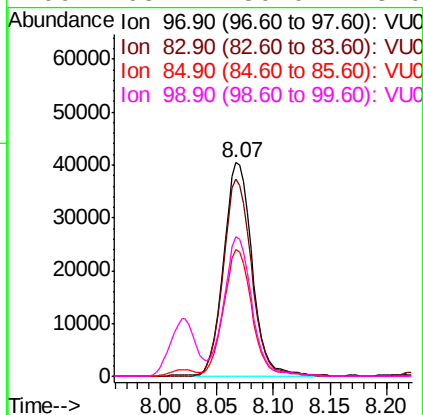
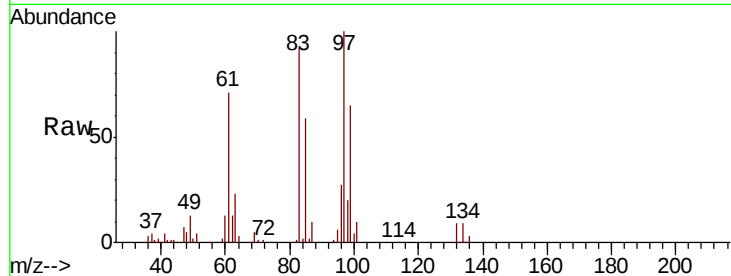




#55
 1,1,2-Trichloroethane
 Concen: 49.992 ug/l
 RT: 8.07 min Scan# 2144
 Delta R.T. -0.00 min
 Lab File: VU026991.D
 Acq: 22 Sep 2018 00:49

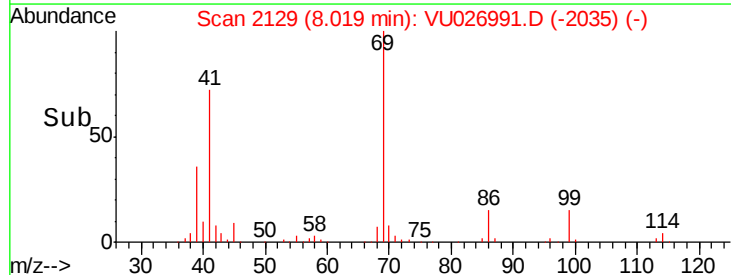
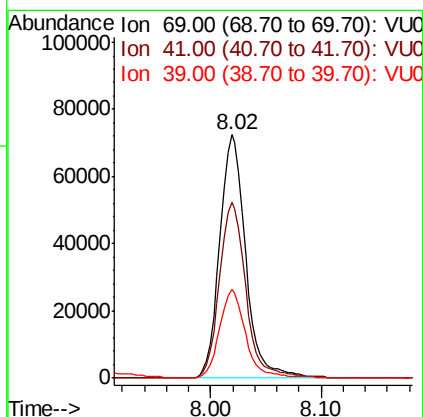
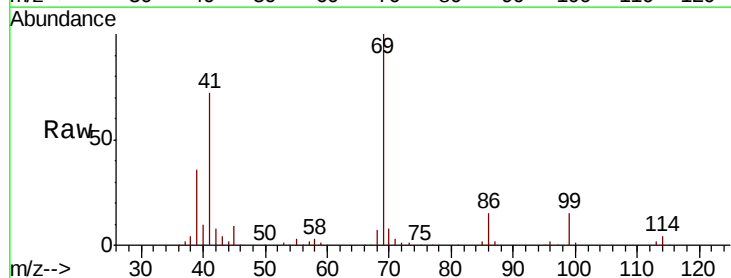
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

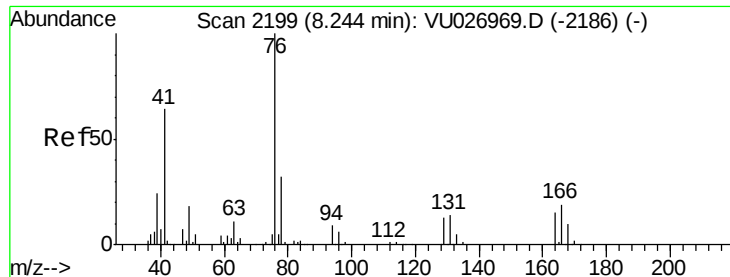
Tgt Ion:	97	Resp:	71342
Ion	Ratio	Lower	Upper
97	100		
83	92.2	73.1	109.7
85	59.2	46.7	70.1
99	65.1	50.0	75.0



#56
 Ethyl methacrylate
 Concen: 48.122 ug/l
 RT: 8.02 min Scan# 2129
 Delta R.T. 0.00 min
 Lab File: VU026991.D
 Acq: 22 Sep 2018 00:49

Tgt Ion:	69	Resp:	118941
Ion	Ratio	Lower	Upper
69	100		
41	73.8	59.0	88.4
39	36.6	30.2	45.4

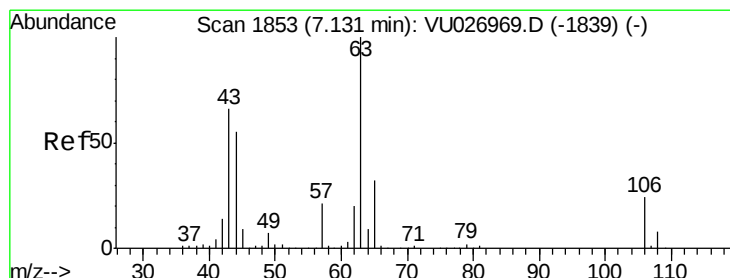
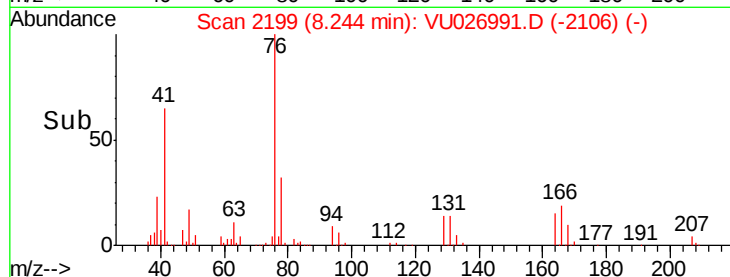
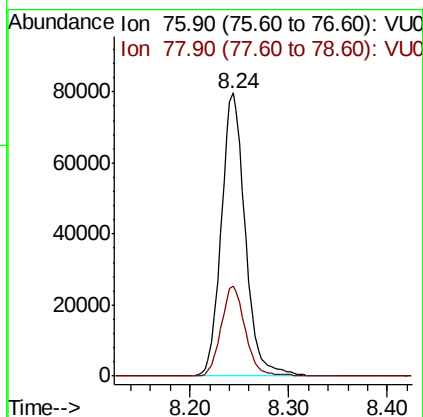
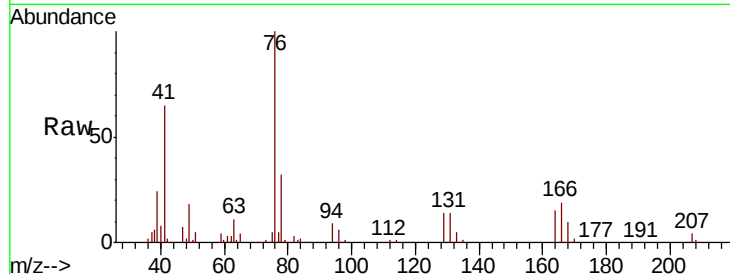




#57
 1,3-Dichloropropane
 Concen: 51.038 ug/l
 RT: 8.24 min Scan# 2199
 Delta R.T. 0.00 min
 Lab File: VU026991.D
 Acq: 22 Sep 2018 00:49

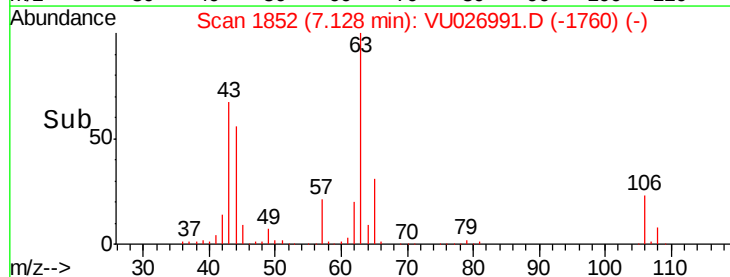
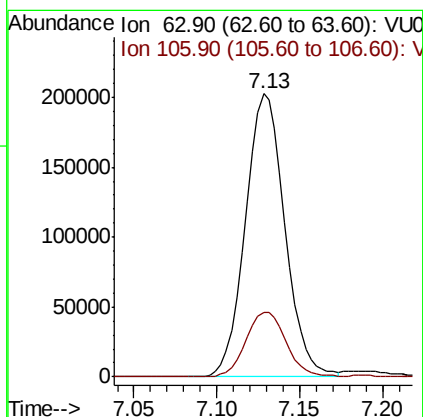
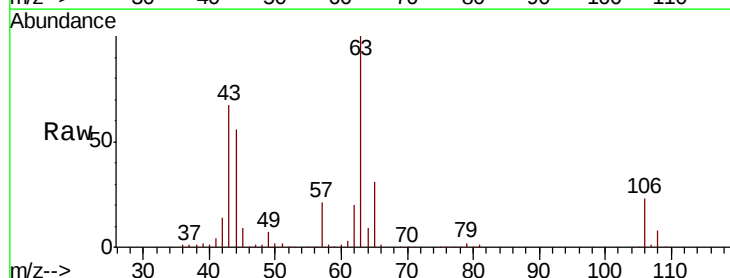
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 76 Resp: 135466
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 239.423 ug/l
 RT: 7.13 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VU026991.D
 Acq: 22 Sep 2018 00:49

Tgt Ion: 63 Resp: 336150
 Ion Ratio Lower Upper
 63 100
 106 23.3 18.7 28.1

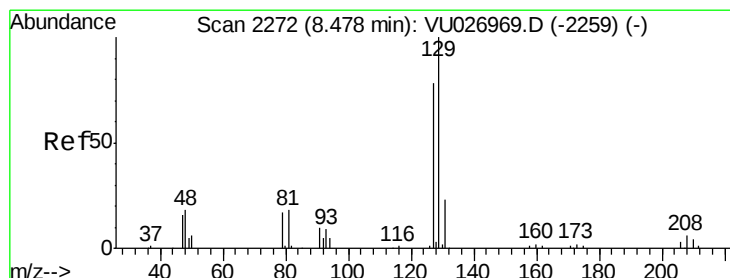
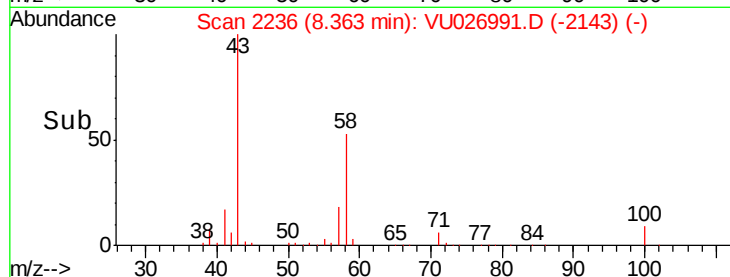
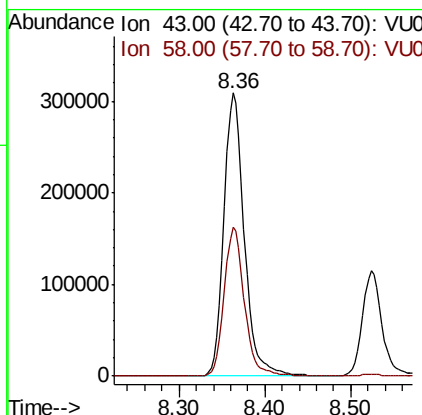
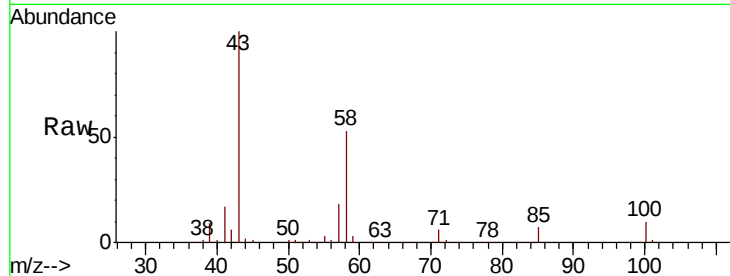




#59
 2-Hexanone
 Concen: 254.562 ug/l
 RT: 8.36 min Scan# 2236
 Delta R.T. 0.00 min
 Lab File: VU026991.D
 Acq: 22 Sep 2018 00:49

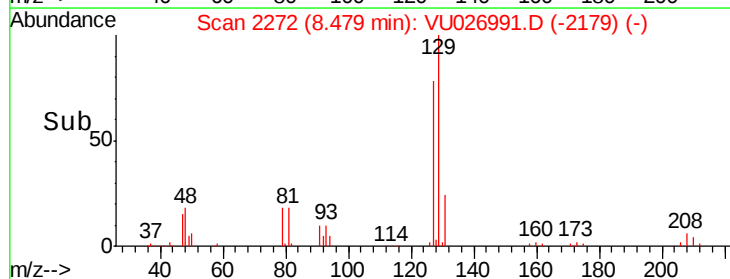
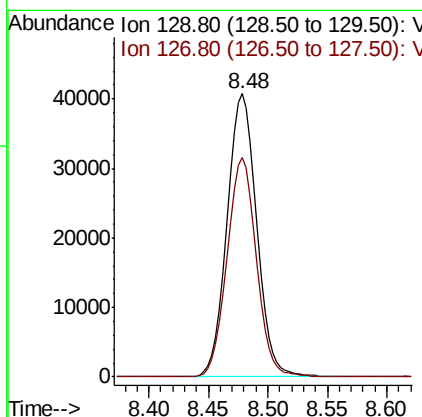
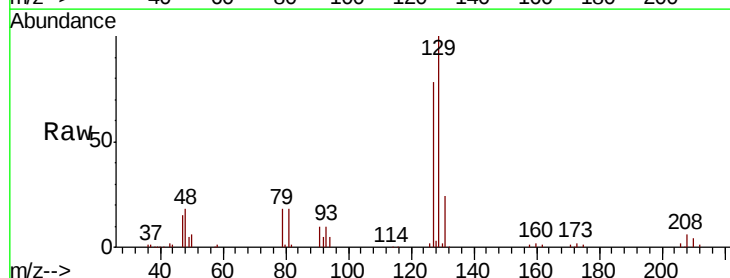
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

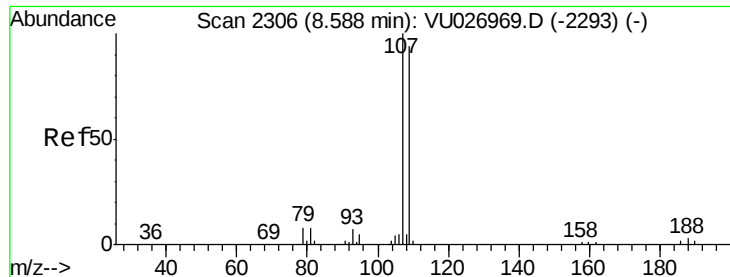
Tgt Ion: 43 Resp: 511386
 Ion Ratio Lower Upper
 43 100
 58 52.3 26.1 78.2



#60
 Dibromochloromethane
 Concen: 50.350 ug/l
 RT: 8.48 min Scan# 2272
 Delta R.T. 0.00 min
 Lab File: VU026991.D
 Acq: 22 Sep 2018 00:49

Tgt Ion: 129 Resp: 70480
 Ion Ratio Lower Upper
 129 100
 127 76.4 38.1 114.5





#61

1,2-Dibromoethane

Concen: 49.882 ug/l

RT: 8.59 min Scan# 2306

Delta R.T. 0.00 min

Lab File: VU026991.D

Acq: 22 Sep 2018 00:49

Instrument :

MSVOA_U

ClientSampleId :

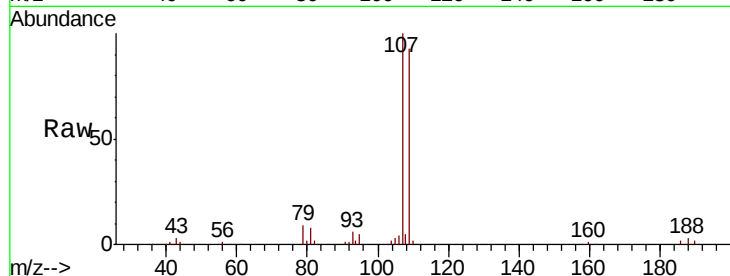
VSTDCCC050EC

Tgt Ion: 107 Resp: 74066

Ion Ratio Lower Upper

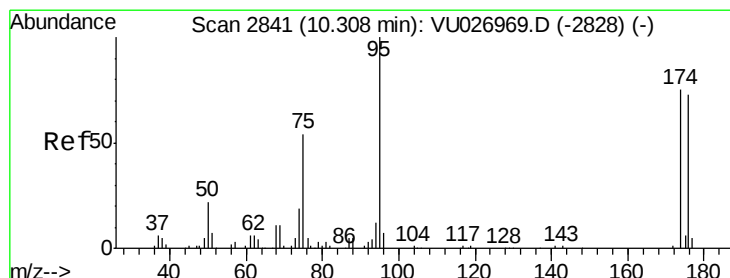
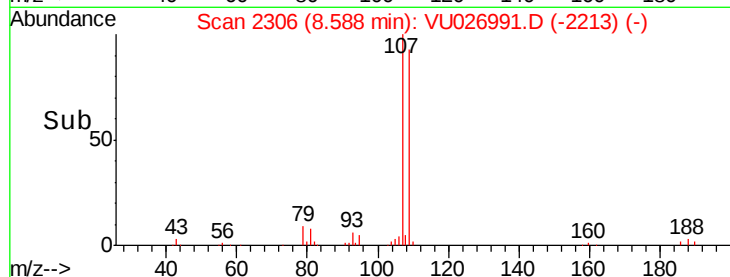
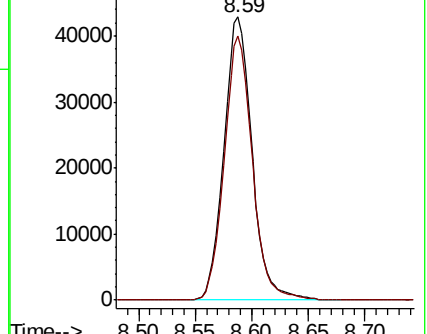
107 100

109 93.4 75.0 112.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 53.484 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU026991.D

Acq: 22 Sep 2018 00:49

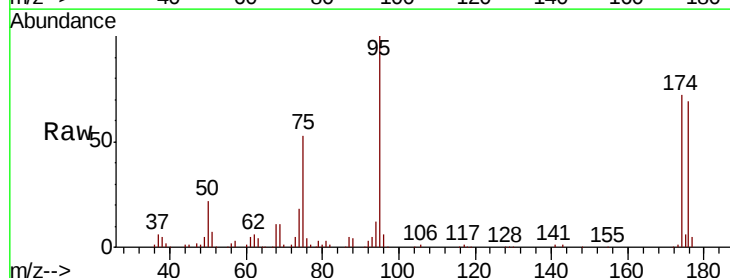
Tgt Ion: 95 Resp: 87795

Ion Ratio Lower Upper

95 100

174 73.1 0.0 150.2

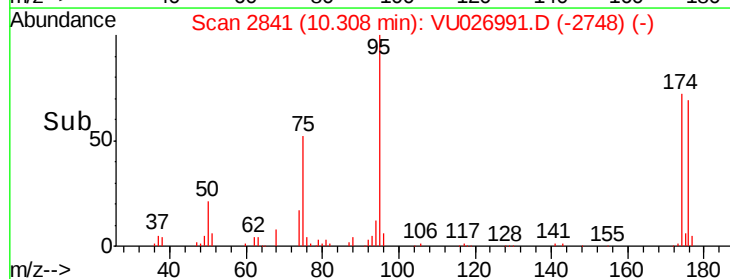
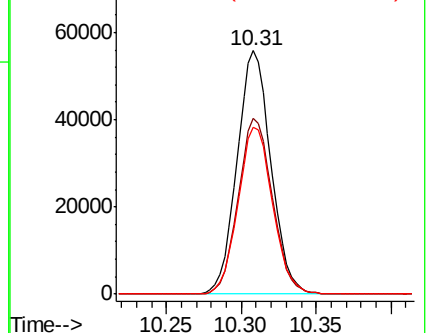
176 70.1 0.0 145.2



Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

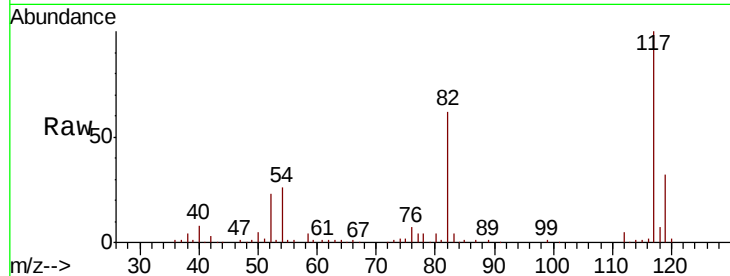




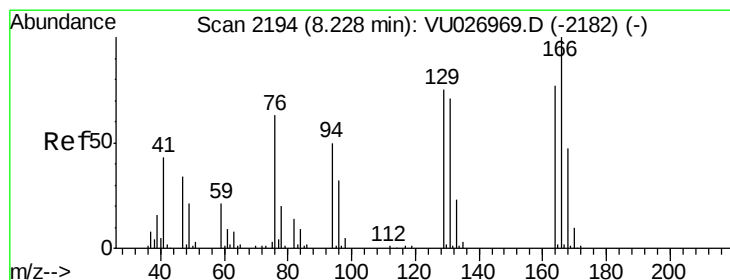
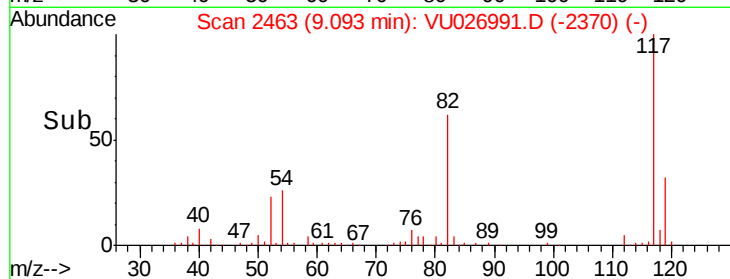
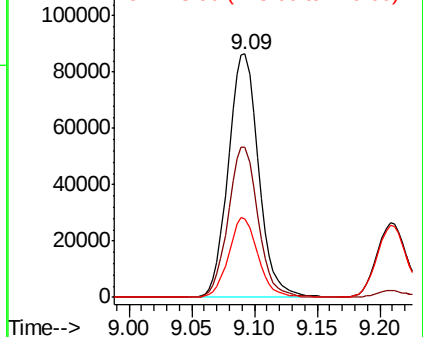
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2463
Delta R.T. 0.00 min
Lab File: VU026991.D
Acq: 22 Sep 2018 00:49

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion:117 Resp: 145149
Ion Ratio Lower Upper
117 100
82 61.5 48.0 72.0
119 32.4 25.8 38.8



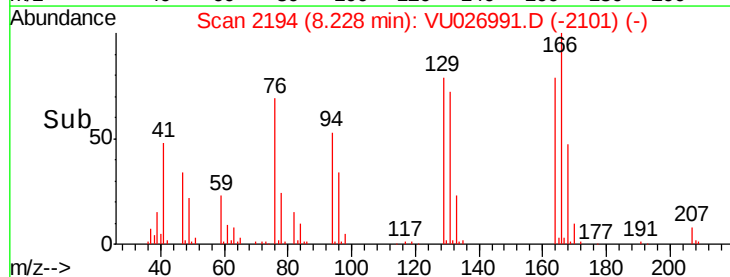
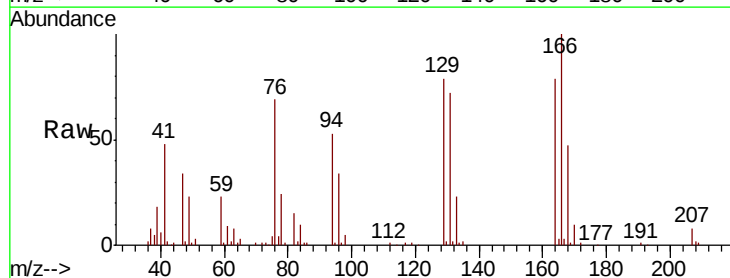
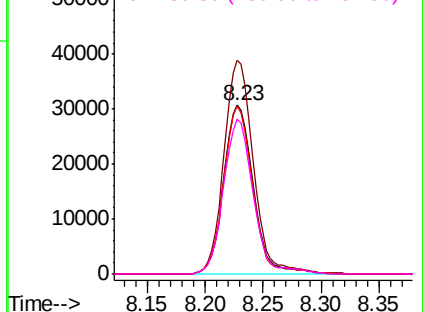
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

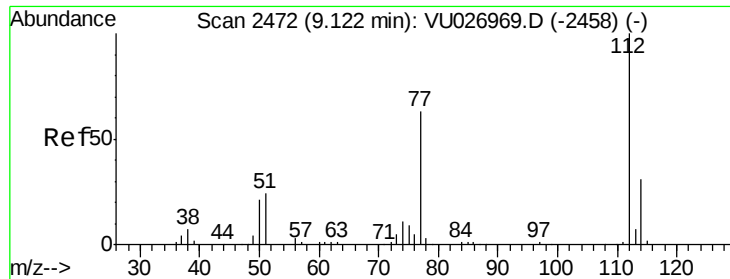


#64
Tetrachloroethene
Concen: 48.244 ug/l
RT: 8.23 min Scan# 2194
Delta R.T. 0.00 min
Lab File: VU026991.D
Acq: 22 Sep 2018 00:49

Tgt Ion:164 Resp: 53960
Ion Ratio Lower Upper
164 100
166 126.5 104.4 156.6
129 99.5 78.7 118.1
131 91.5 73.9 110.9

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

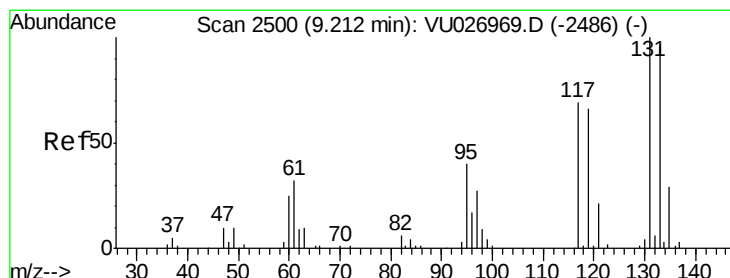
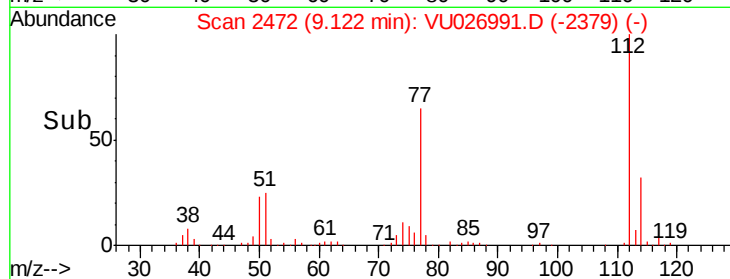
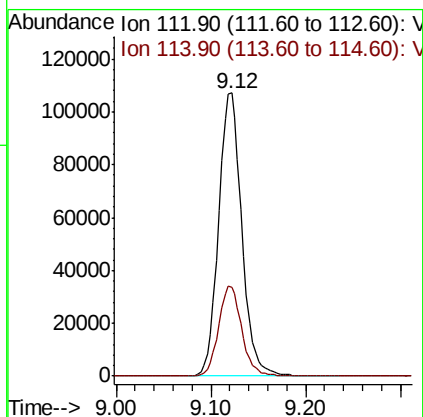
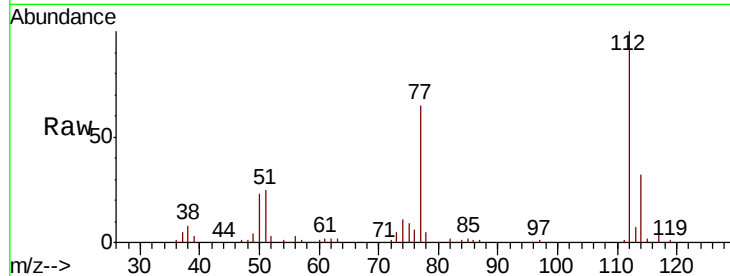




#65
Chlorobenzene
Concen: 47.336 ug/l
RT: 9.12 min Scan# 2472
Delta R.T. 0.00 min
Lab File: VU026991.D
Acq: 22 Sep 2018 00:49

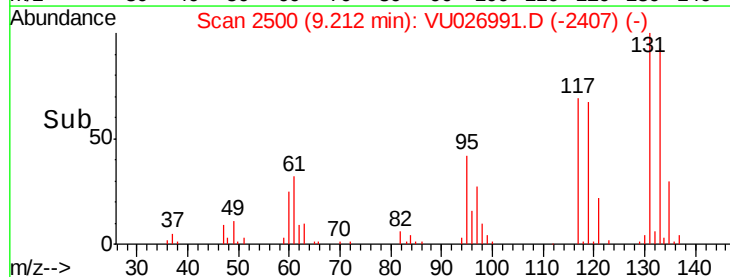
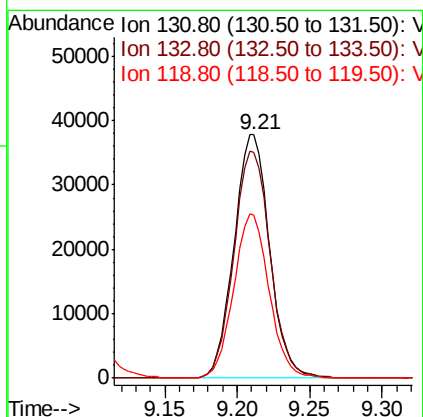
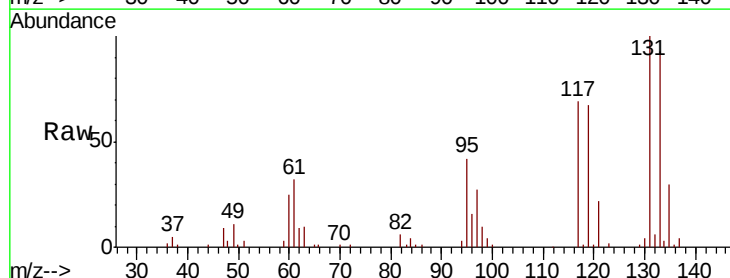
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

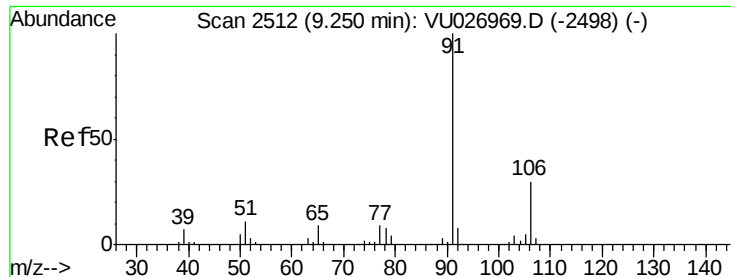
Tgt Ion:112 Resp: 182180
Ion Ratio Lower Upper
112 100
114 31.6 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 48.706 ug/l
RT: 9.21 min Scan# 2500
Delta R.T. 0.00 min
Lab File: VU026991.D
Acq: 22 Sep 2018 00:49

Tgt Ion:131 Resp: 64565
Ion Ratio Lower Upper
131 100
133 95.3 48.0 144.2
119 67.1 33.4 100.1

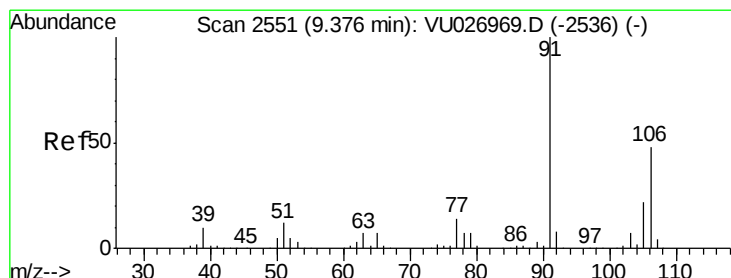
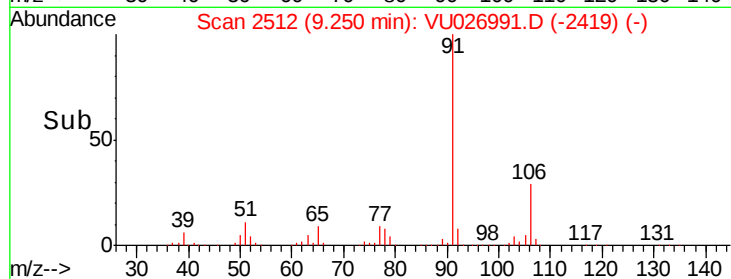
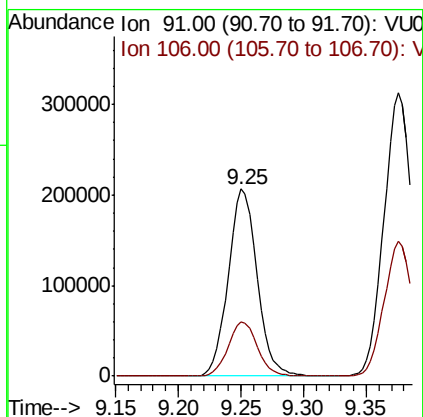
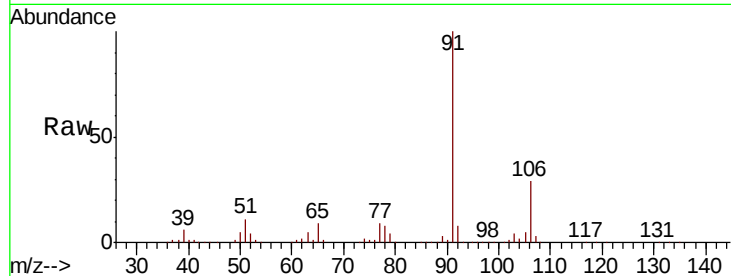




#67
Ethyl Benzene
Concen: 52.105 ug/l
RT: 9.25 min Scan# 2512
Delta R.T. 0.00 min
Lab File: VU026991.D
Acq: 22 Sep 2018 00:49

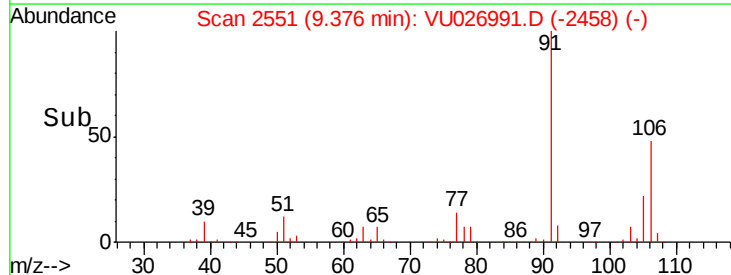
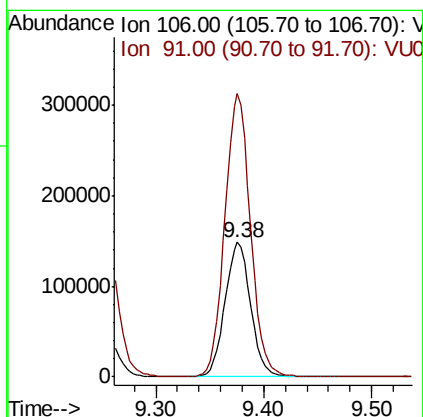
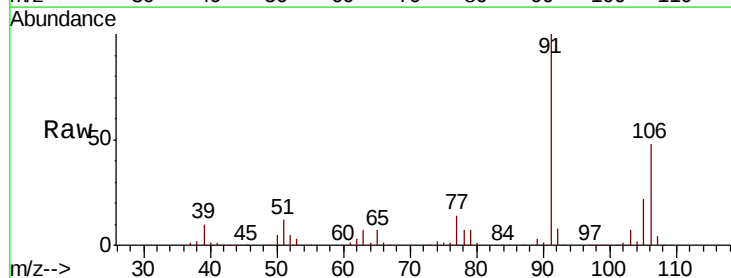
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 329752
Ion Ratio Lower Upper
91 100
106 29.1 23.8 35.8



#68
m/p-Xylenes
Concen: 95.868 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. 0.00 min
Lab File: VU026991.D
Acq: 22 Sep 2018 00:49

Tgt Ion: 106 Resp: 245550
Ion Ratio Lower Upper
106 100
91 210.5 166.5 249.7

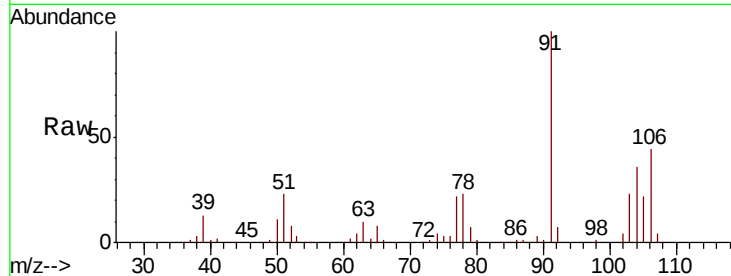




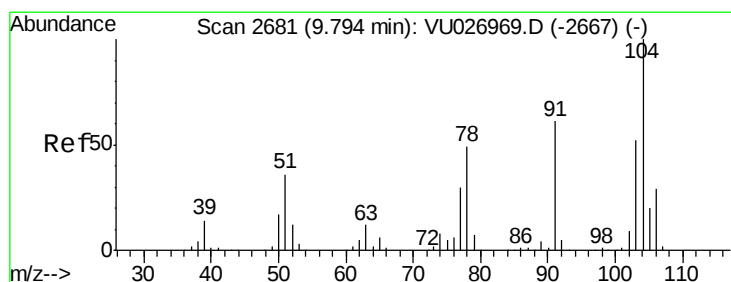
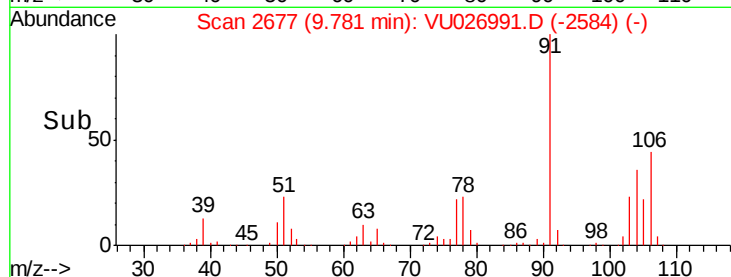
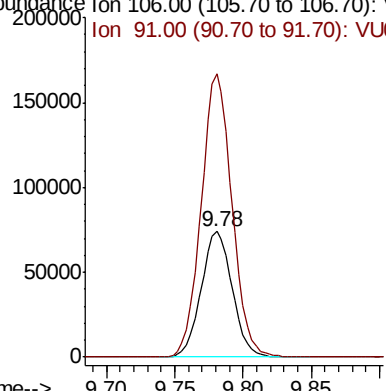
#69
o-Xylene
Concen: 52.152 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VU026991.D
Acq: 22 Sep 2018 00:49

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 116942
Ion Ratio Lower Upper
106 100
91 223.6 110.2 330.6

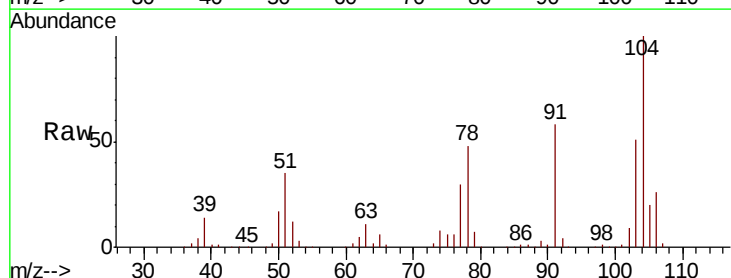


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

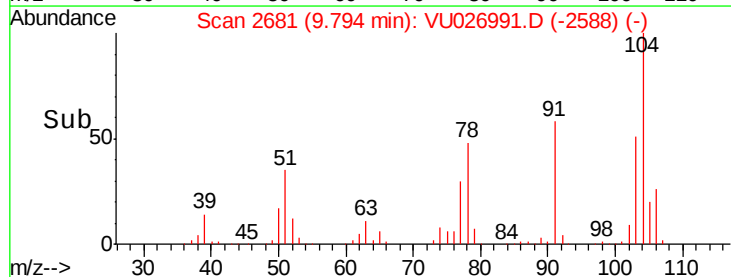
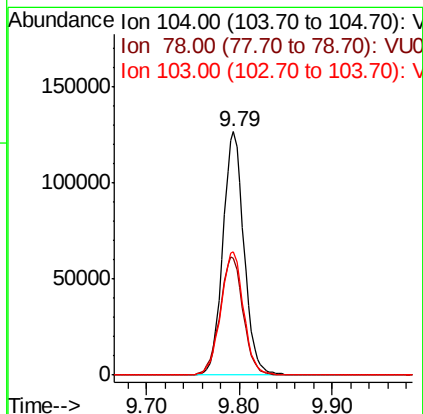


#70
Styrene
Concen: 47.727 ug/l
RT: 9.79 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU026991.D
Acq: 22 Sep 2018 00:49

Tgt Ion:104 Resp: 199464
Ion Ratio Lower Upper
104 100
78 53.4 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





#71

Bromoform

Concen: 48.897 ug/l

RT: 9.96 min Scan# 2732

Delta R.T. 0.00 min

Lab File: VU026991.D

Acq: 22 Sep 2018 00:49

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

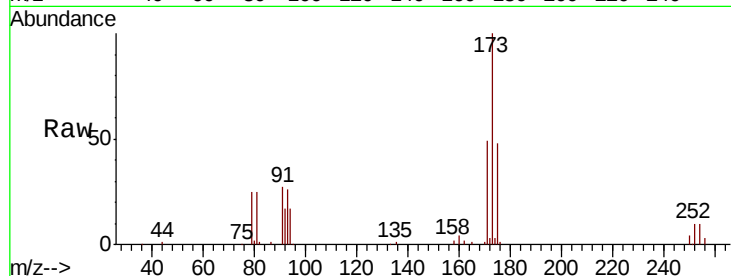
Tgt Ion:173 Resp: 50124

Ion Ratio Lower Upper

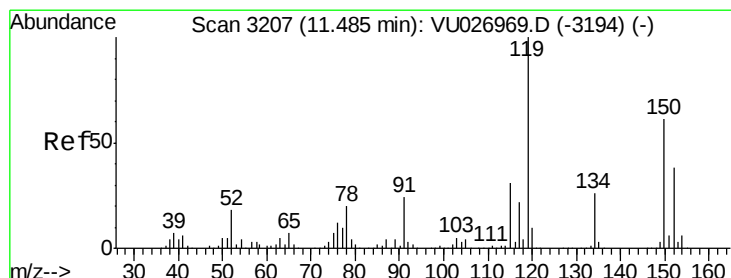
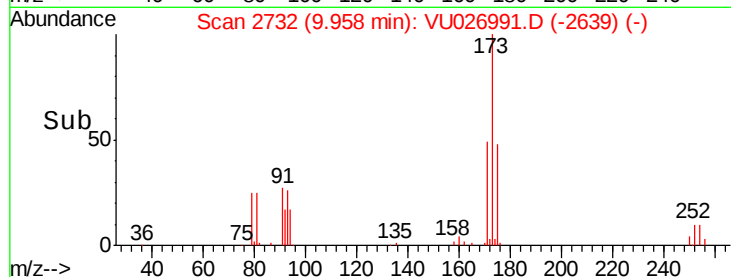
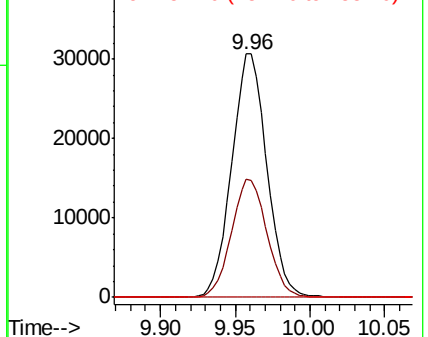
173 100

175 48.8 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: VU026991.D

Acq: 22 Sep 2018 00:49

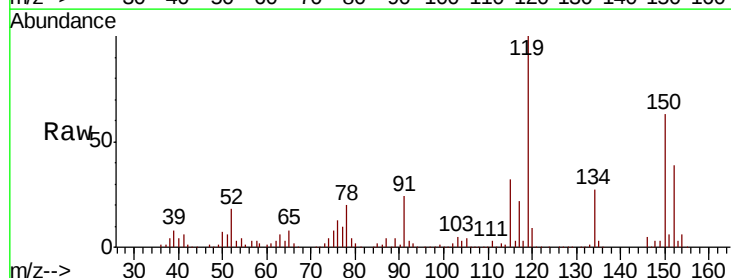
Tgt Ion:152 Resp: 80270

Ion Ratio Lower Upper

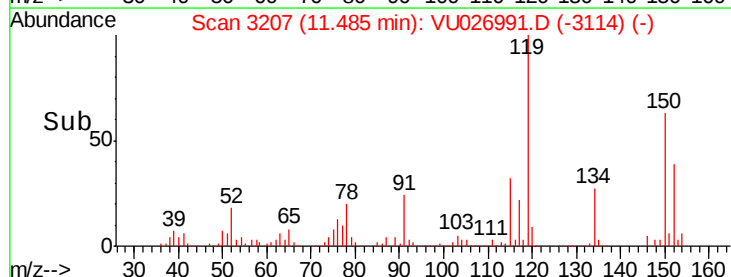
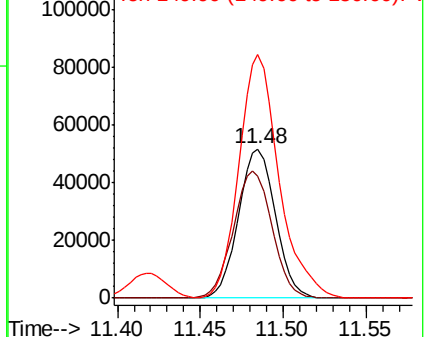
152 100

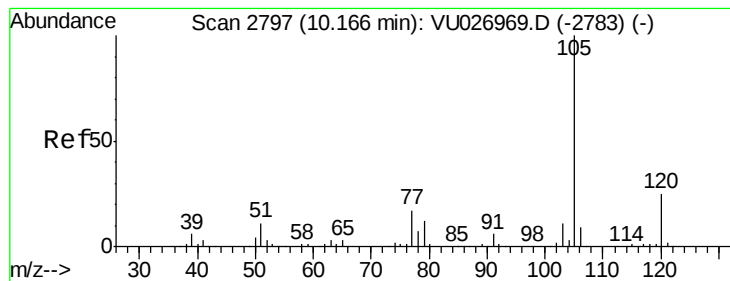
115 89.1 44.9 134.5

150 177.2 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: 52.701 ug/l

RT: 10.17 min Scan# 2797

Delta R.T. 0.00 min

Lab File: VU026991.D

Acq: 22 Sep 2018 00:49

Instrument :

MSVOA_U

ClientSampleId :

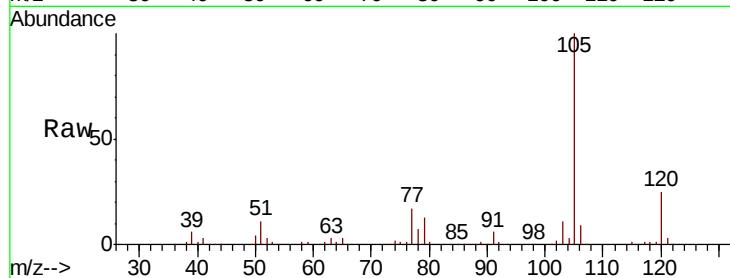
VSTDCCC050EC

Tgt Ion:105 Resp: 321797

Ion Ratio Lower Upper

105 100

120 25.5 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

250000

200000

150000

100000

50000

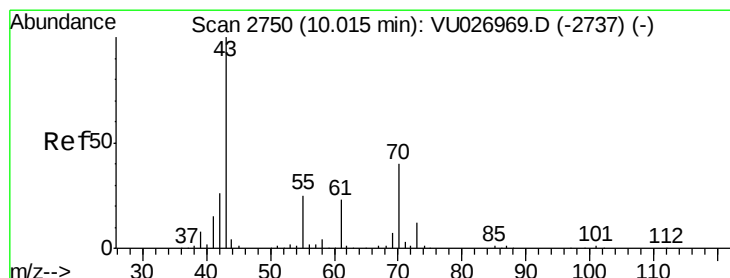
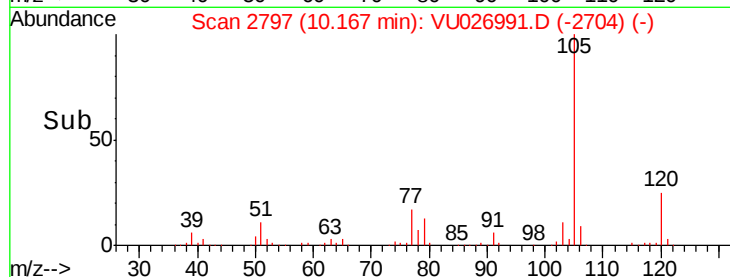
0

10.10

10.17

10.20

Time-->



#74

N-ethyl acetate

Concen: 51.199 ug/l

RT: 10.02 min Scan# 2750

Delta R.T. 0.00 min

Lab File: VU026991.D

Acq: 22 Sep 2018 00:49

Tgt Ion: 43 Resp: 180959

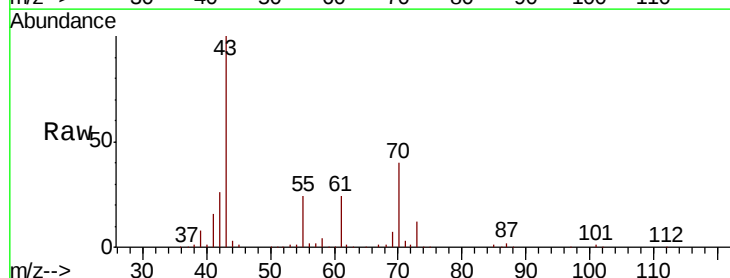
Ion Ratio Lower Upper

43 100

70 39.2 31.8 47.8

55 24.2 19.9 29.9

61 23.3 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

150000

100000

50000

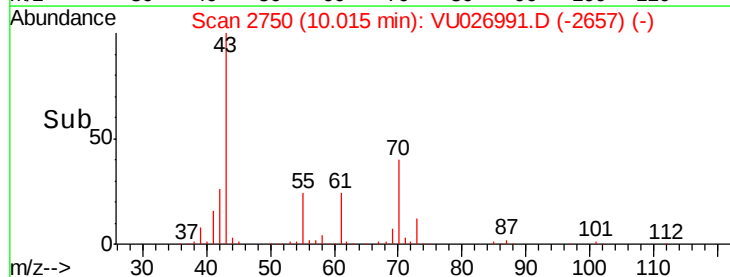
0

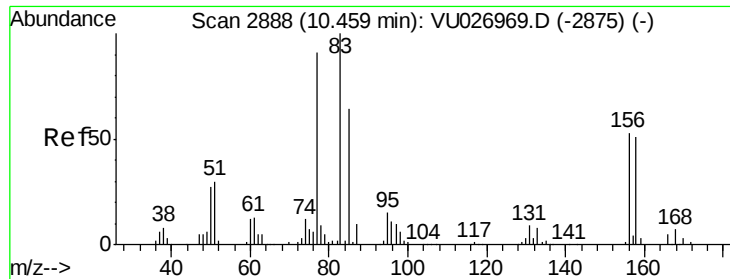
9.90

10.02

10.10

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 44.217 ug/l

RT: 10.46 min Scan# 2888

Delta R.T. 0.00 min

Lab File: VU026991.D

Acq: 22 Sep 2018 00:49

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

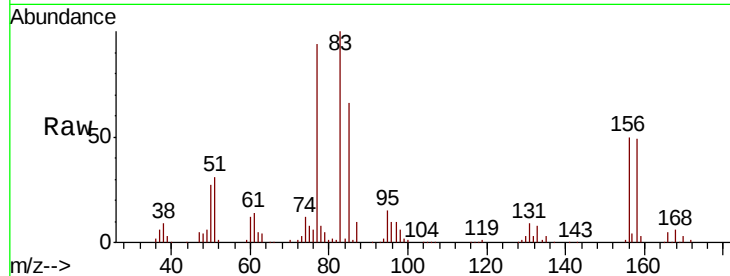
Tgt Ion: 83 Resp: 124134

Ion Ratio Lower Upper

83 100

131 8.8 4.3 12.8

85 64.9 31.9 95.7



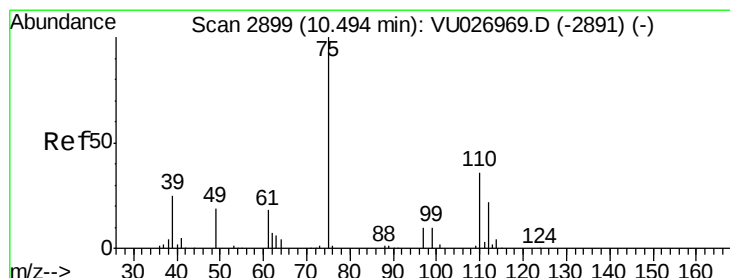
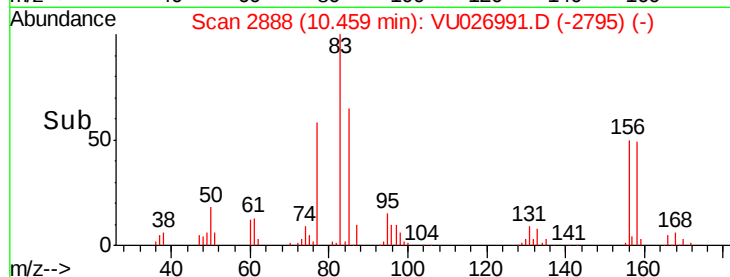
Abundance Ion 82.90 (82.60 to 83.60): VU026991.D (-2875) (-)

Ion 130.80 (130.50 to 131.50): VU026991.D (-2875) (-)

Ion 84.90 (84.60 to 85.60): VU026991.D (-2875) (-)

10.46

Time-->



#76

1,2,3-Trichloropropane

Concen: 60.390 ug/l

RT: 10.49 min Scan# 2899

Delta R.T. 0.00 min

Lab File: VU026991.D

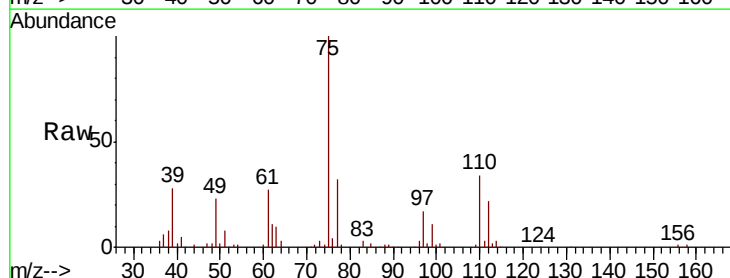
Acq: 22 Sep 2018 00:49

Tgt Ion: 75 Resp: 147266

Ion Ratio Lower Upper

75 100

77 30.3 20.9 62.8

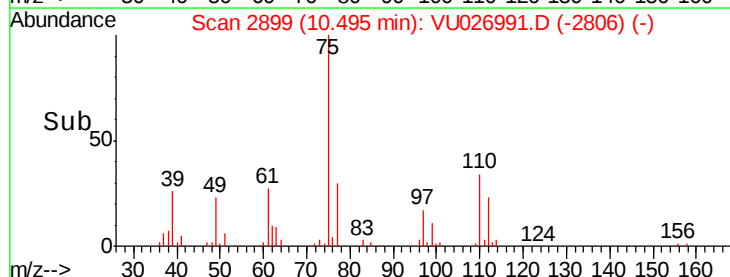


Abundance Ion 74.90 (74.60 to 75.60): VU026991.D (-2891) (-)

Ion 77.00 (76.70 to 77.70): VU026991.D (-2891) (-)

10.49

Time-->





#77

Bromobenzene

Concen: 48.130 ug/l

RT: 10.45 min Scan# 2886

Delta R.T. 0.00 min

Lab File: VU026991.D

Acq: 22 Sep 2018 00:49

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

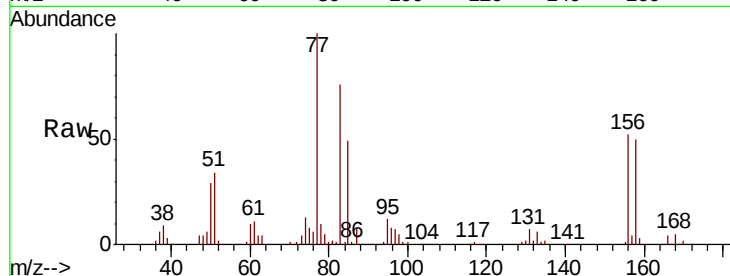
Tgt Ion:156 Resp: 71816

Ion Ratio Lower Upper

156 100

77 193.6 92.3 276.9

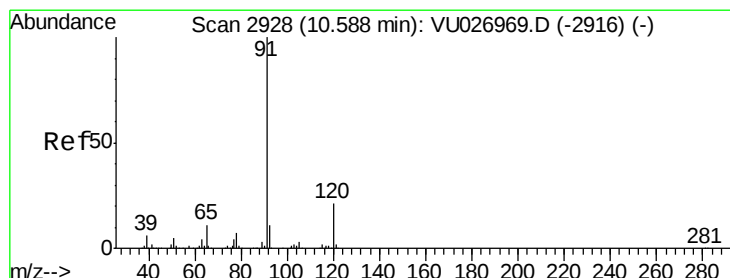
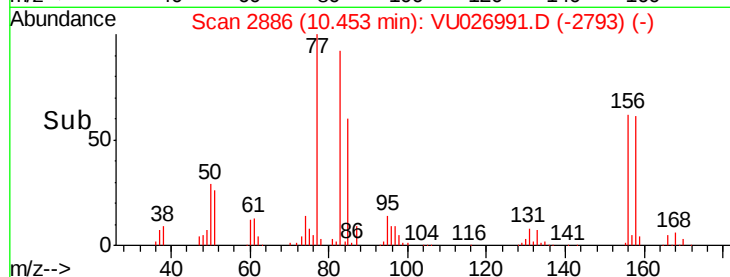
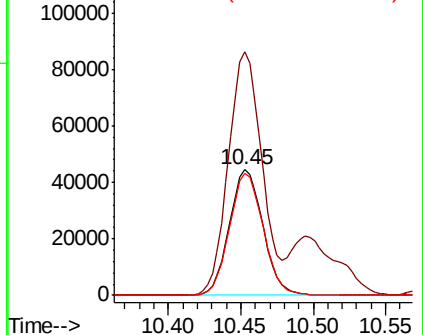
158 97.4 48.1 144.3



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: 54.188 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. 0.00 min

Lab File: VU026991.D

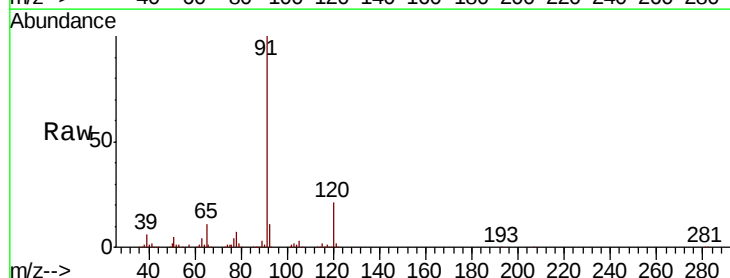
Acq: 22 Sep 2018 00:49

Tgt Ion: 91 Resp: 391499

Ion Ratio Lower Upper

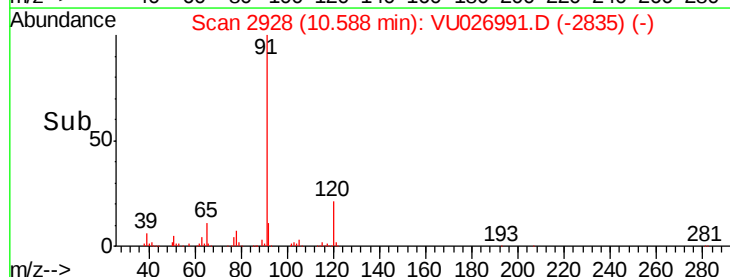
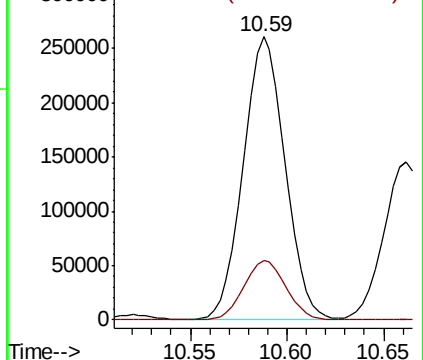
91 100

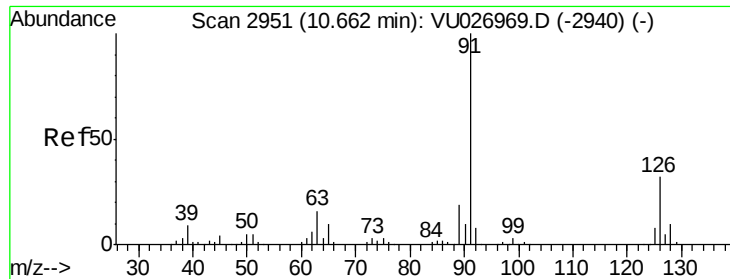
120 21.3 10.6 31.8



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.063 ug/l

RT: 10.66 min Scan# 2951

Delta R.T. 0.00 min

Lab File: VU026991.D

Acq: 22 Sep 2018 00:49

Instrument :

MSVOA_U

ClientSampleId :

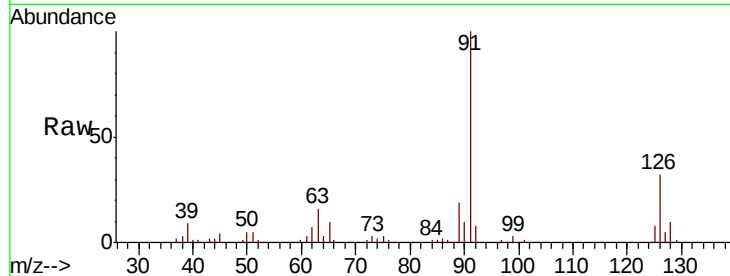
VSTDCCC050EC

Tgt Ion: 91 Resp: 227193

Ion Ratio Lower Upper

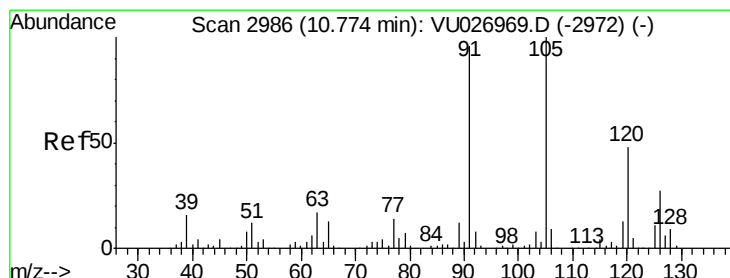
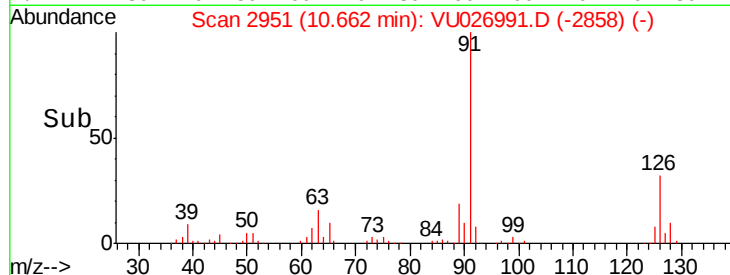
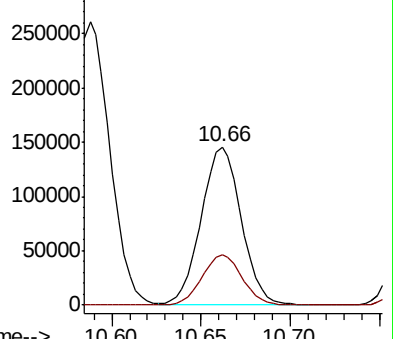
91 100

126 32.1 15.8 47.3



Abundance Ion 91.00 (90.70 to 91.70): VU026991.D (-2940) (-)

Ion 125.90 (125.60 to 126.60): VU026991.D (-2940) (-)



#80

1,3,5-Trimethylbenzene

Concen: 54.006 ug/l

RT: 10.77 min Scan# 2986

Delta R.T. 0.00 min

Lab File: VU026991.D

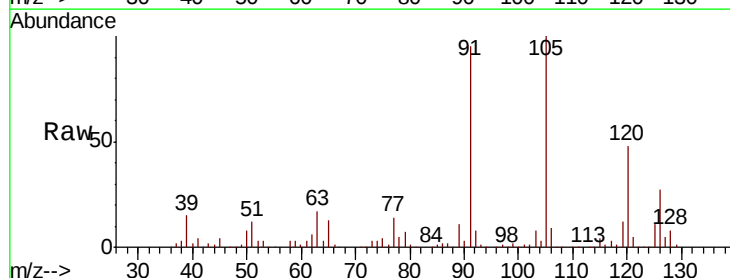
Acq: 22 Sep 2018 00:49

Tgt Ion: 105 Resp: 272212

Ion Ratio Lower Upper

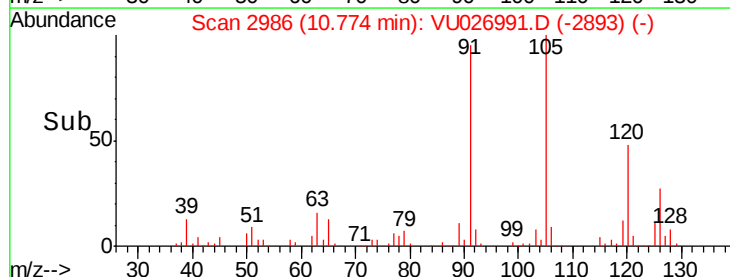
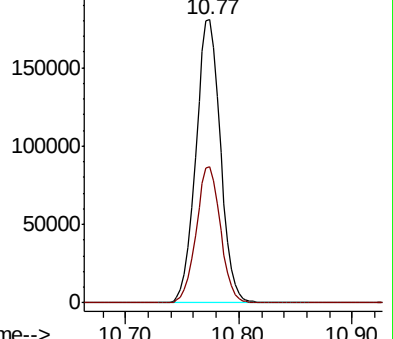
105 100

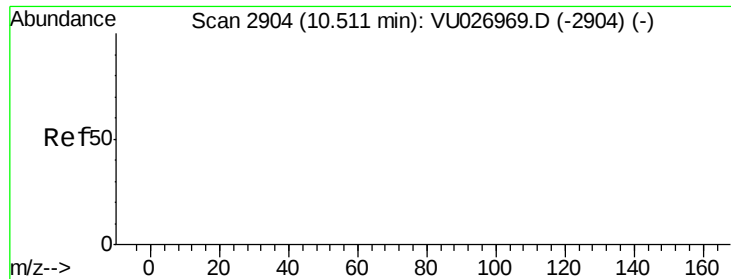
120 47.5 23.9 71.7



Abundance Ion 105.00 (104.70 to 105.70): VU026991.D (-2972) (-)

Ion 120.00 (119.70 to 120.70): VU026991.D (-2972) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 193.259 ug/l

RT: 10.49 min Scan# 2899

Delta R.T. -0.02 min

Lab File: VU026991.D

Acq: 22 Sep 2018 00:49

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

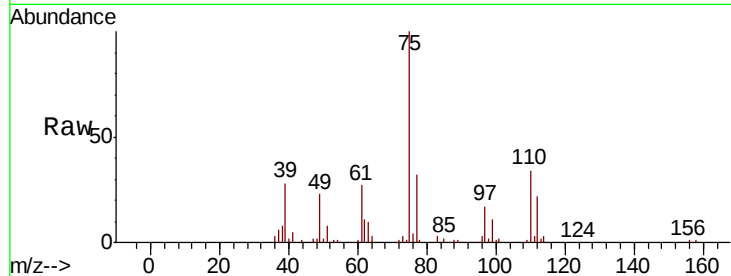
Tgt Ion: 75 Resp: 147266

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

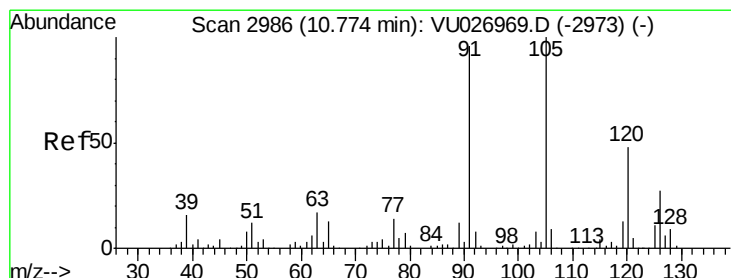
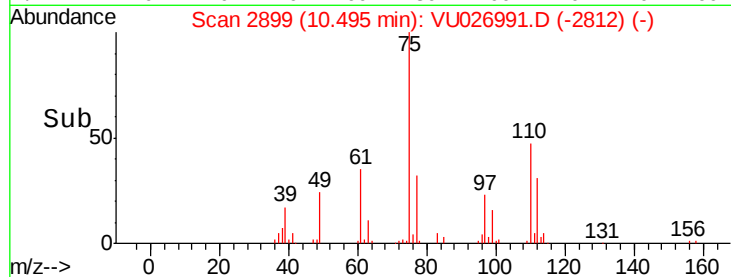
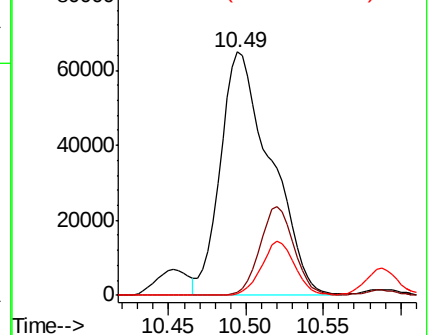
89 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 53.00 (52.70 to 53.70): VU0

Ion 88.90 (88.60 to 89.60): VU0



#82

4-Chlorotoluene

Concen: 51.899 ug/l

RT: 10.77 min Scan# 2985

Delta R.T. -0.00 min

Lab File: VU026991.D

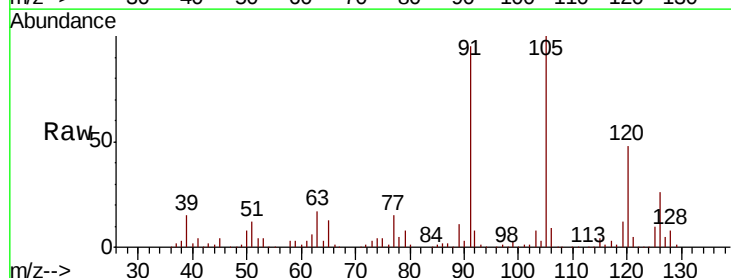
Acq: 22 Sep 2018 00:49

Tgt Ion: 91 Resp: 264090

Ion Ratio Lower Upper

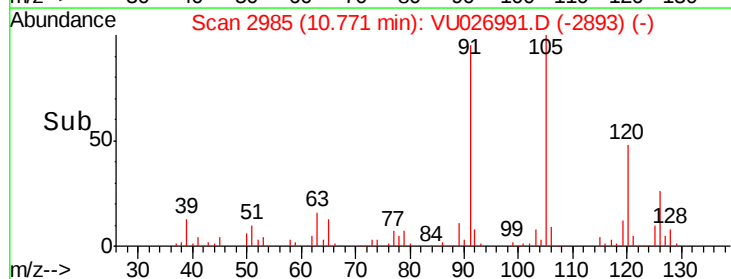
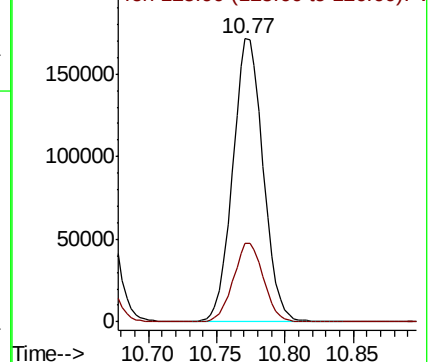
91 100

126 27.8 14.1 42.2



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 125.90 (125.60 to 126.60): V

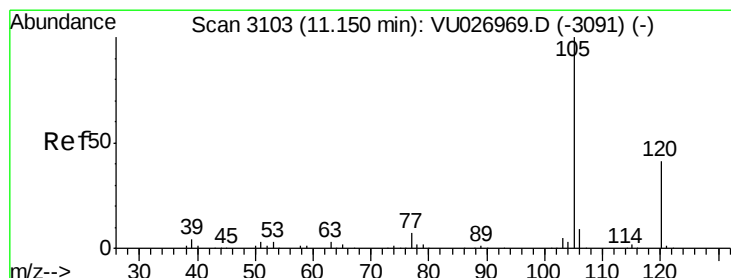
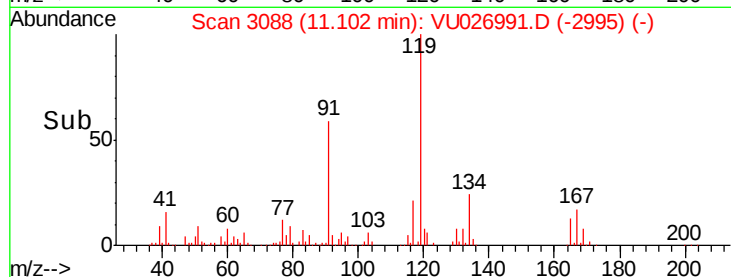
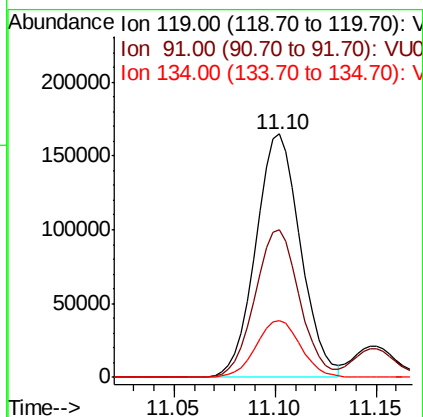
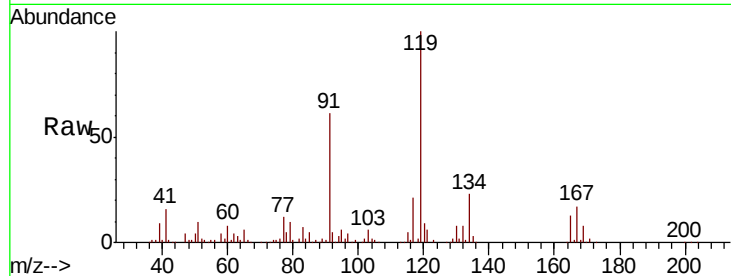




#83
 tert-Butylbenzene
 Concen: 51.134 ug/l
 RT: 11.10 min Scan# 3088
 Delta R.T. 0.00 min
 Lab File: VU026991.D
 Acq: 22 Sep 2018 00:49

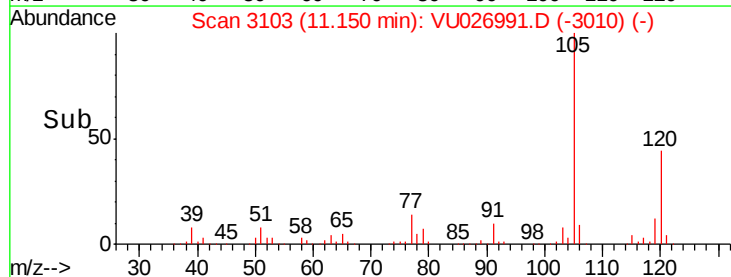
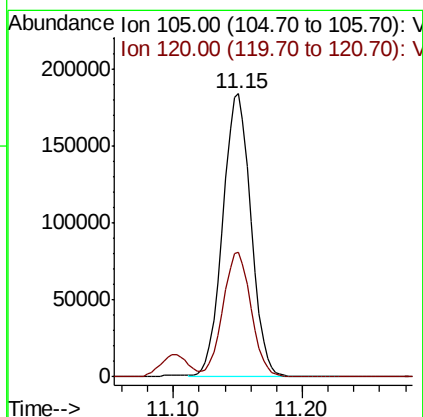
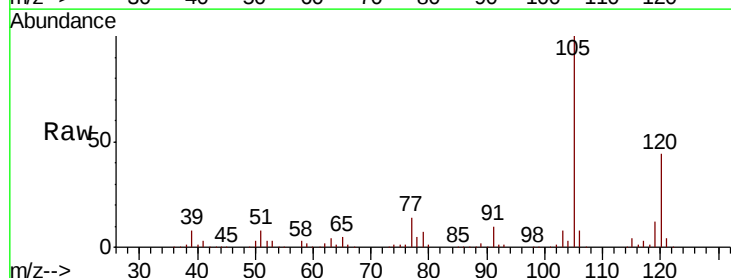
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:119 Resp: 254814
 Ion Ratio Lower Upper
 119 100
 91 60.7 29.8 89.4
 134 23.1 11.5 34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 54.183 ug/l
 RT: 11.15 min Scan# 3103
 Delta R.T. 0.00 min
 Lab File: VU026991.D
 Acq: 22 Sep 2018 00:49

Tgt Ion:105 Resp: 277935
 Ion Ratio Lower Upper
 105 100
 120 44.0 22.4 67.2

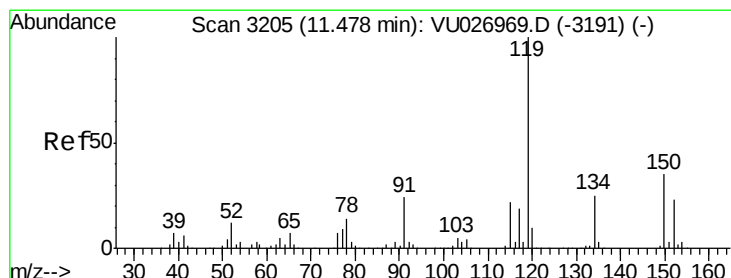
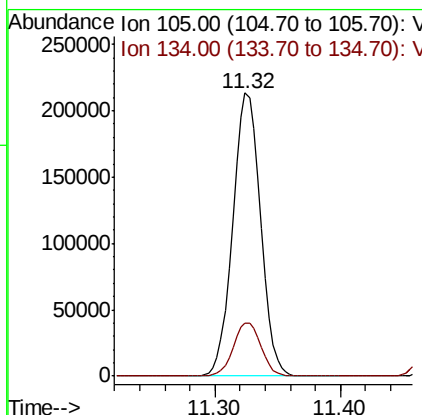
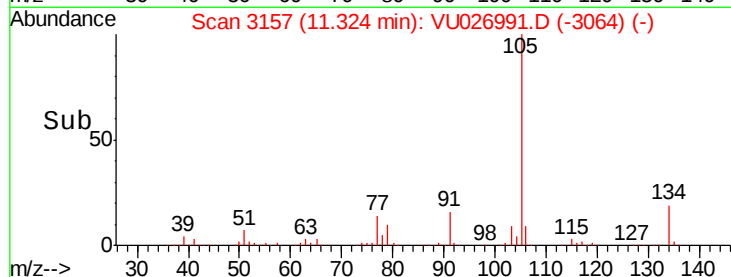
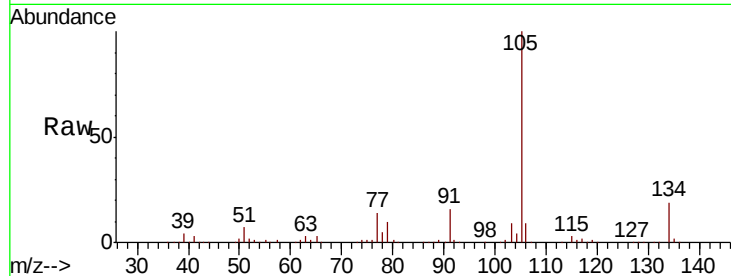




#85
 sec-Butylbenzene
 Concen: 53.788 ug/l
 RT: 11.32 min Scan# 3157
 Delta R.T. 0.00 min
 Lab File: VU026991.D
 Acq: 22 Sep 2018 00:49

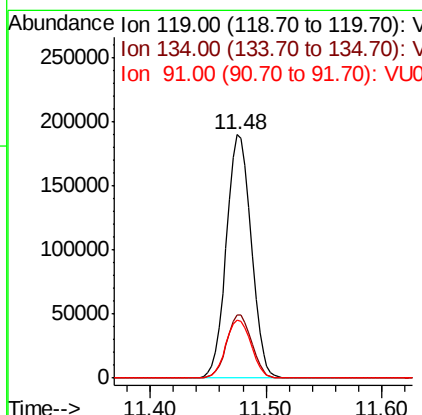
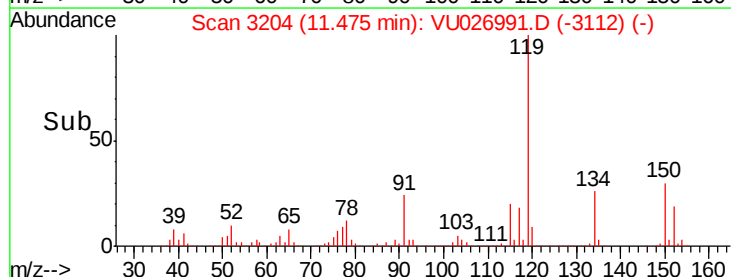
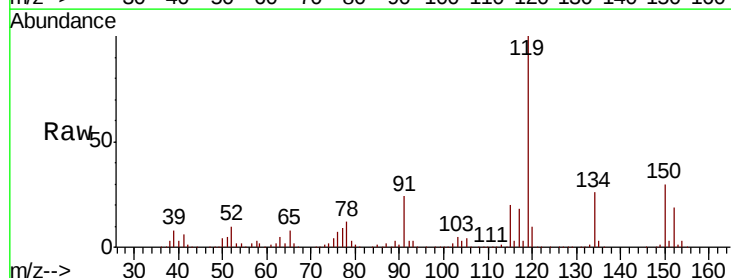
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 327196
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.4 28.2



#86
 p-Isopropyltoluene
 Concen: 49.446 ug/l
 RT: 11.48 min Scan# 3204
 Delta R.T. -0.00 min
 Lab File: VU026991.D
 Acq: 22 Sep 2018 00:49

Tgt Ion:119 Resp: 282175
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.8 38.3
 91 24.3 12.3 36.8

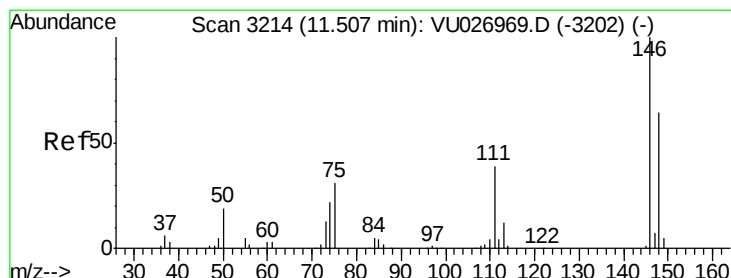
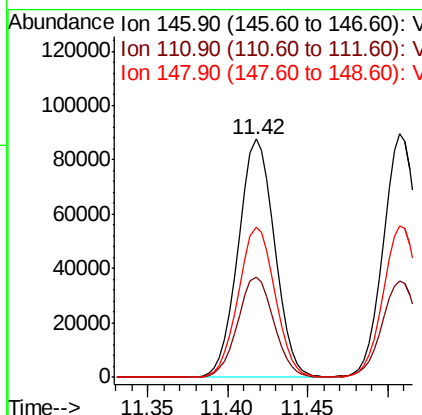
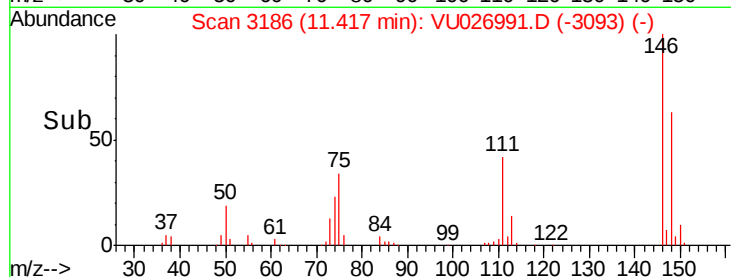
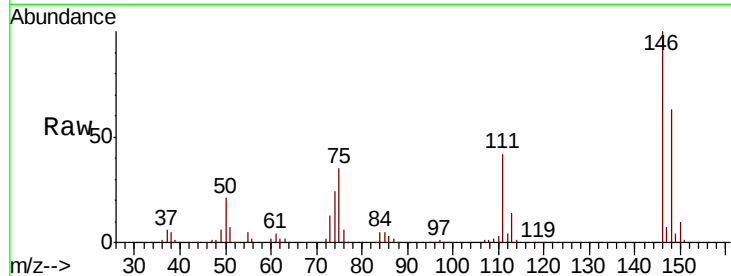




#87
 1,3-Dichlorobenzene
 Concen: 48.830 ug/l
 RT: 11.42 min Scan# 3186
 Delta R.T. 0.00 min
 Lab File: VU026991.D
 Acq: 22 Sep 2018 00:49

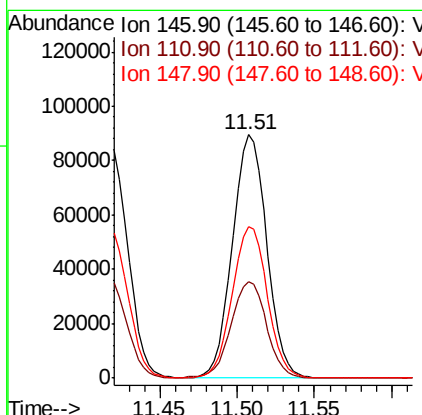
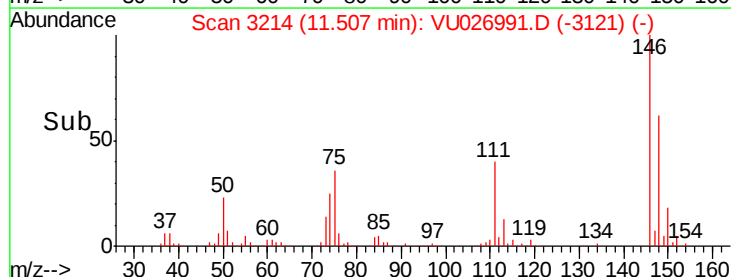
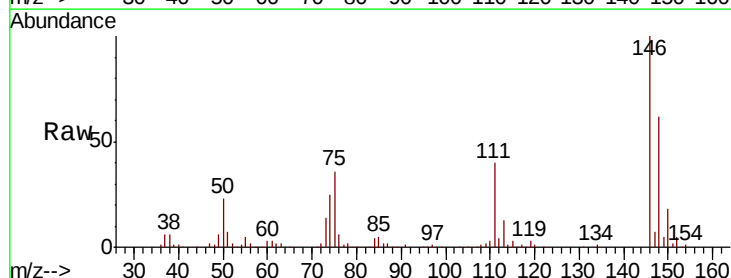
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

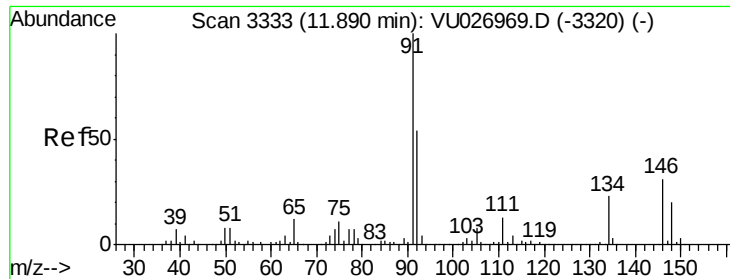
Tgt Ion:146 Resp: 135585
 Ion Ratio Lower Upper
 146 100
 111 42.0 20.8 62.2
 148 63.7 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 45.470 ug/l
 RT: 11.51 min Scan# 3214
 Delta R.T. 0.00 min
 Lab File: VU026991.D
 Acq: 22 Sep 2018 00:49

Tgt Ion:146 Resp: 137602
 Ion Ratio Lower Upper
 146 100
 111 41.2 20.3 60.9
 148 63.8 31.9 95.9

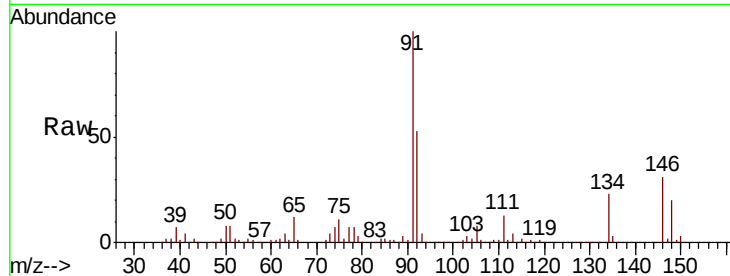




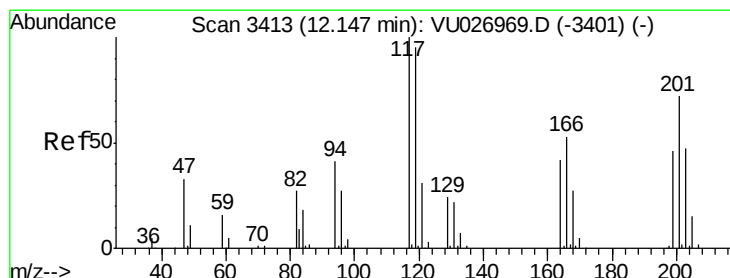
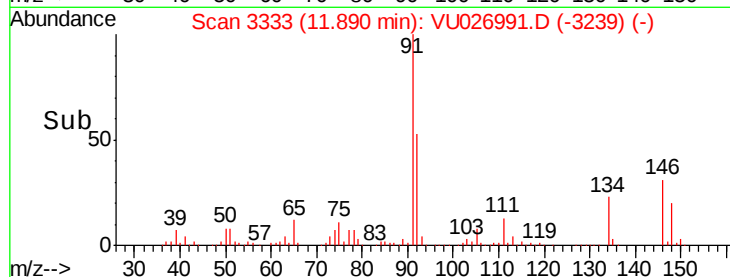
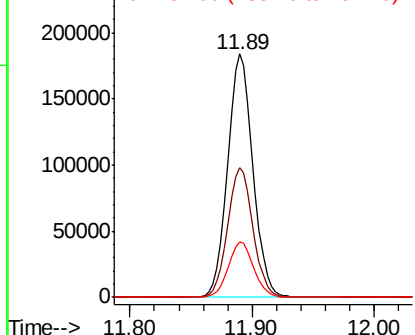
#89
n-Butylbenzene
Concen: 48.403 ug/l
RT: 11.89 min Scan# 3333
Delta R.T. 0.00 min
Lab File: VU026991.D
Acq: 22 Sep 2018 00:49

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 267374
Ion Ratio Lower Upper
91 100
92 53.4 27.1 81.2
134 22.9 11.7 35.0

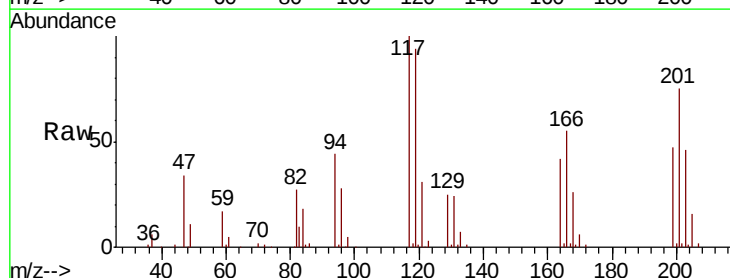


Abundance Ion 91.00 (90.70 to 91.70): VU026991.D (-3320) (-)
Ion 92.00 (91.70 to 92.70): VU026991.D (-3320) (-)
Ion 134.00 (133.70 to 134.70): VU026991.D (-3320) (-)

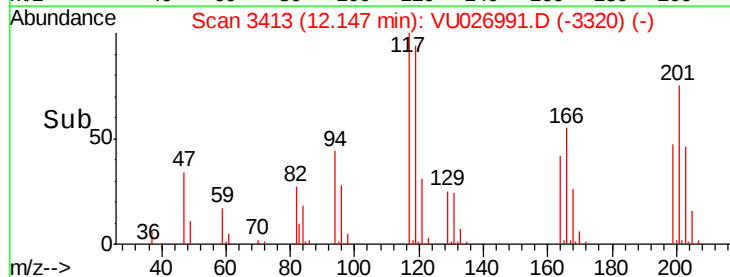
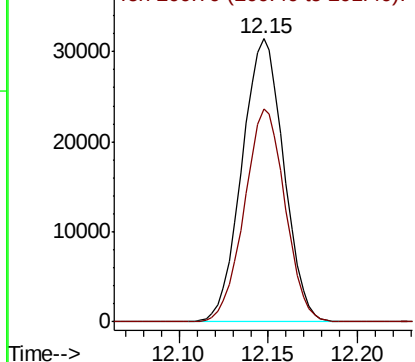


#90
Hexachloroethane
Concen: 46.600 ug/l
RT: 12.15 min Scan# 3413
Delta R.T. 0.00 min
Lab File: VU026991.D
Acq: 22 Sep 2018 00:49

Tgt Ion: 117 Resp: 51548
Ion Ratio Lower Upper
117 100
201 73.3 36.8 110.3



Abundance Ion 116.80 (116.50 to 117.50): VU026991.D (-3401) (-)
Ion 200.70 (200.40 to 201.40): VU026991.D (-3401) (-)

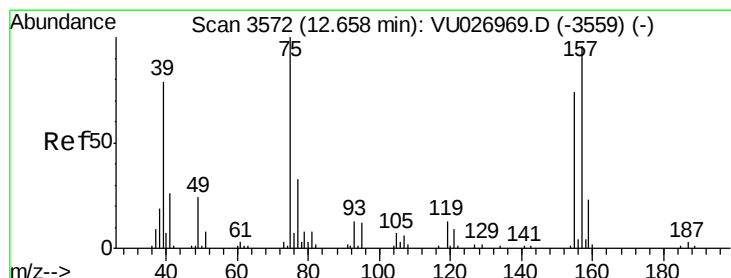
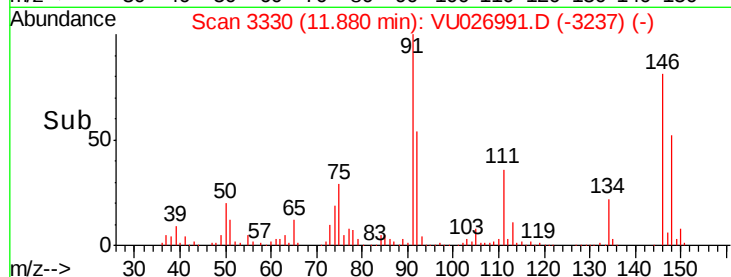
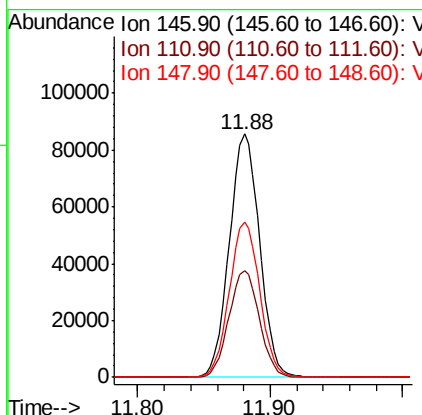
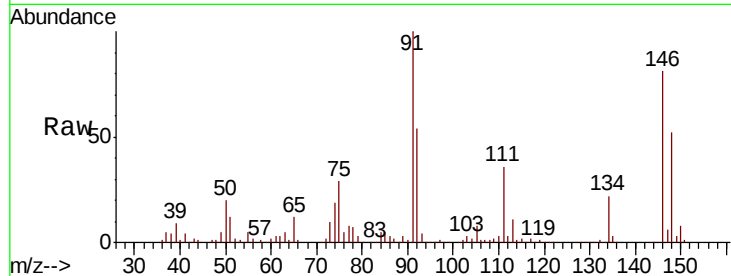




#91
 1,2-Dichlorobenzene
 Concen: 46.090 ug/l
 RT: 11.88 min Scan# 3330
 Delta R.T. 0.00 min
 Lab File: VU026991.D
 Acq: 22 Sep 2018 00:49

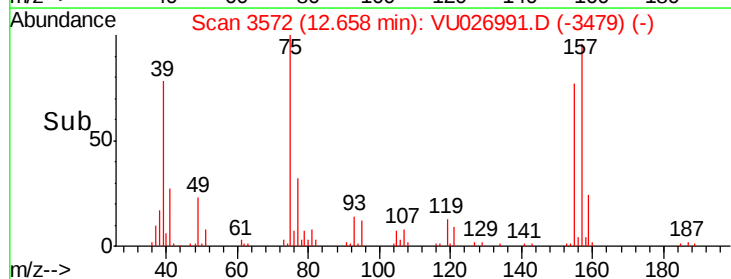
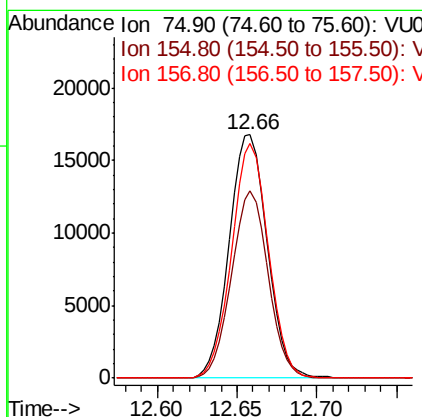
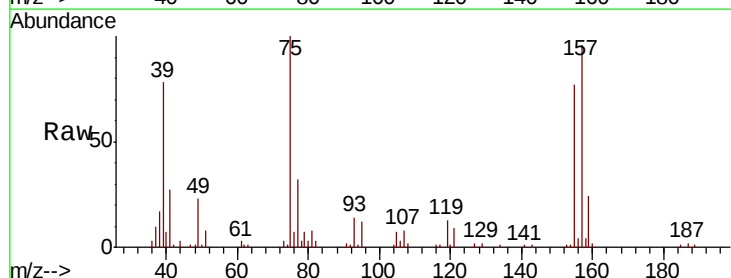
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 146 Resp: 135943
 Ion Ratio Lower Upper
 146 100
 111 44.1 21.8 65.3
 148 64.0 31.9 95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.494 ug/l
 RT: 12.66 min Scan# 3572
 Delta R.T. 0.00 min
 Lab File: VU026991.D
 Acq: 22 Sep 2018 00:49

Tgt Ion: 75 Resp: 27201
 Ion Ratio Lower Upper
 75 100
 155 73.9 36.6 109.8
 157 92.8 47.4 142.2

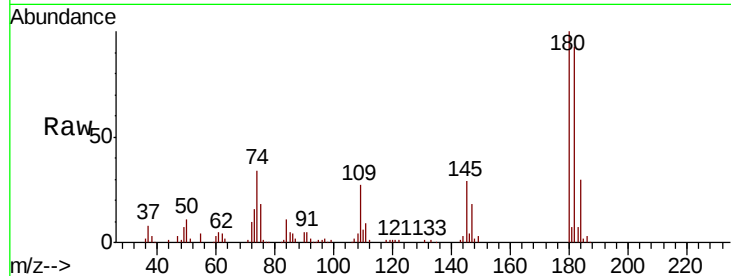




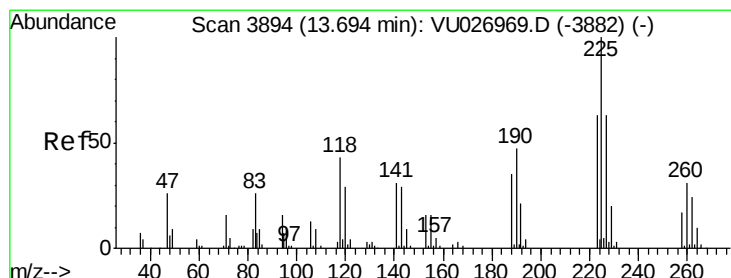
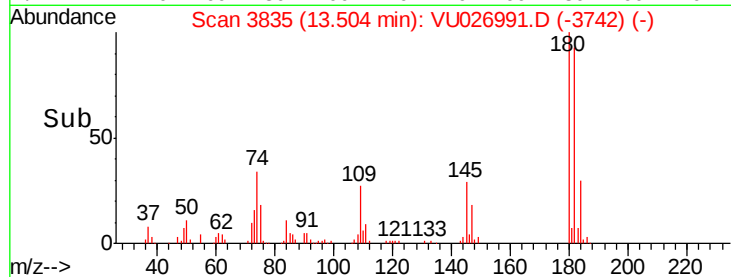
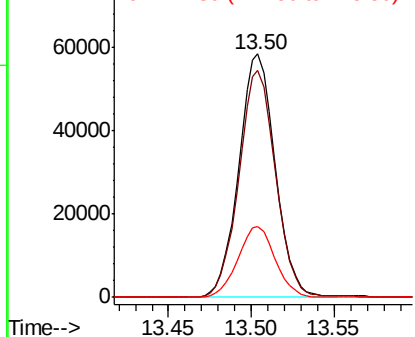
#93
 1,2,4-Trichlorobenzene
 Concen: 52.500 ug/l
 RT: 13.50 min Scan# 3835
 Delta R.T. 0.00 min
 Lab File: VU026991.D
 Acq: 22 Sep 2018 00:49

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:180 Resp: 89234
 Ion Ratio Lower Upper
 180 100
 182 94.4 47.4 142.2
 145 29.7 14.9 44.5

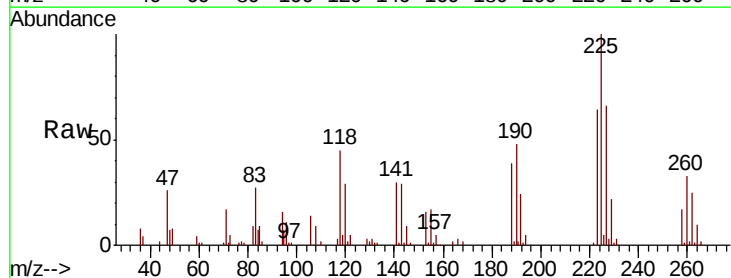


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

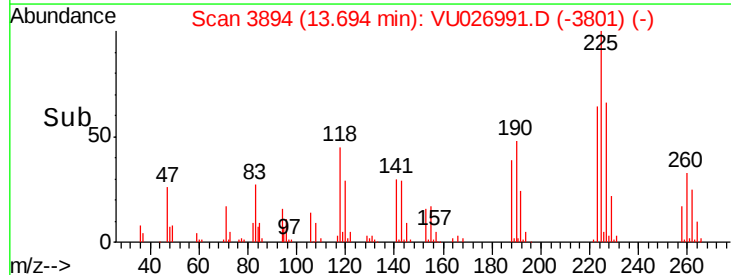
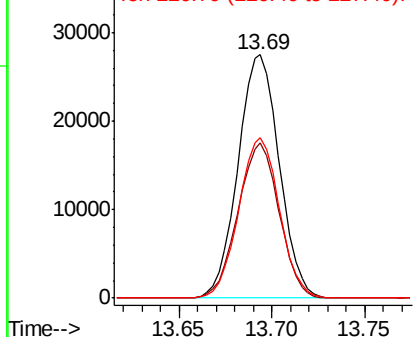


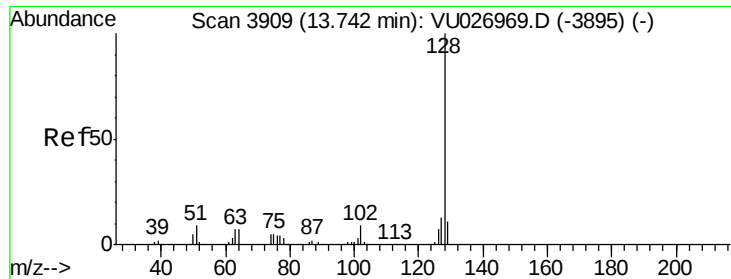
#94
 Hexachlorobutadiene
 Concen: 47.423 ug/l
 RT: 13.69 min Scan# 3894
 Delta R.T. 0.00 min
 Lab File: VU026991.D
 Acq: 22 Sep 2018 00:49

Tgt Ion:225 Resp: 42649
 Ion Ratio Lower Upper
 225 100
 223 63.4 31.9 95.7
 227 64.9 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

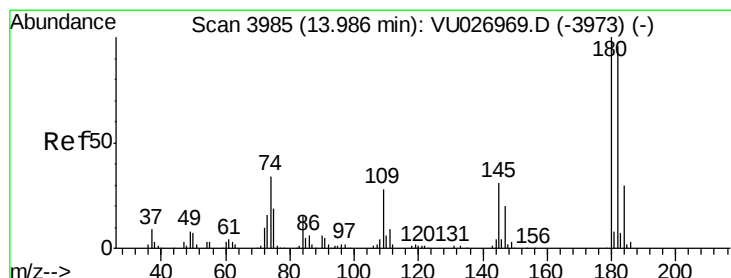
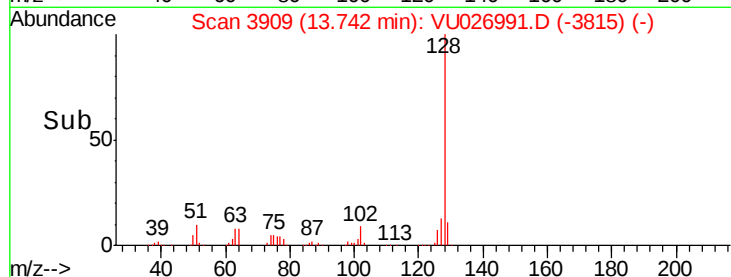
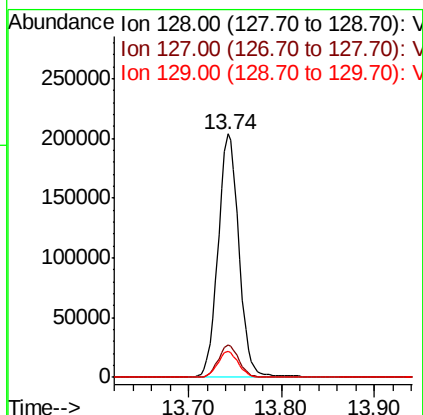
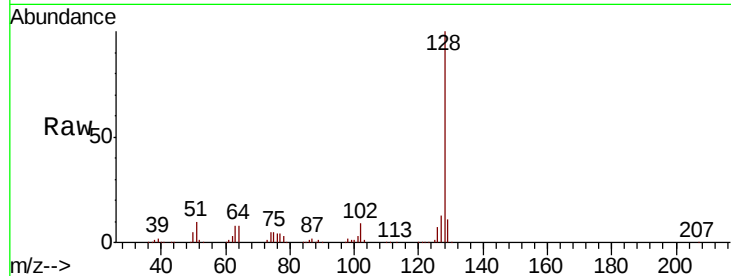




#95
Naphthalene
Concen: 47.795 ug/l
RT: 13.74 min Scan# 3909
Delta R.T. 0.00 min
Lab File: VU026991.D
Acq: 22 Sep 2018 00:49

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 317116
Ion Ratio Lower Upper
128 100
127 13.3 10.6 15.8
129 10.6 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 51.638 ug/l
RT: 13.99 min Scan# 3985
Delta R.T. 0.00 min
Lab File: VU026991.D
Acq: 22 Sep 2018 00:49

Tgt Ion:180 Resp: 94123
Ion Ratio Lower Upper
180 100
182 95.3 47.5 142.5
145 31.6 15.4 46.4

