

Data File : VU027091.D
Acq On : 23 Sep 2018 22:38
Operator : MD/SY
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 135 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Quant Time: Sep 24 07:20:15 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	83890	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	144158	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	141419	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	77077	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	86772	51.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.78%	
35) Dibromofluoromethane	4.88	113	61646	49.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.66%	
50) Toluene-d8	7.57	98	240919	50.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.18%	
62) 4-Bromofluorobenzene	10.31	95	87473	53.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	52506	47.938	ug/l	99
3) Chloromethane	1.33	50	88118	46.663	ug/l	100
4) Vinyl Chloride	1.40	62	85456	48.479	ug/l	99
5) Bromomethane	1.62	94	44659	44.489	ug/l	100
6) Chloroethane	1.69	64	55644	49.405	ug/l	98
7) Trichlorofluoromethane	1.88	101	97717	48.809	ug/l	98
8) Diethyl Ether	2.10	74	47939	49.747	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.29	101	59082	47.995	ug/l	99
10) Methyl Iodide	2.41	142	60119	39.378	ug/l	99
11) Tert butyl alcohol	2.83	59	92762	239.696	ug/l	99
12) 1,1-Dichloroethene	2.28	96	56040	48.367	ug/l	96
13) Acrolein	2.20	56	50626	242.673	ug/l	98
14) Allyl chloride	2.59	41	129242	54.996	ug/l	98
15) Acrylonitrile	2.94	53	257589	264.089	ug/l	100
16) Acetone	2.32	43	219201	244.007	ug/l	100
17) Carbon Disulfide	2.48	76	180824	47.907	ug/l	100
18) Methyl Acetate	2.61	43	131189	54.590	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	233349	54.806	ug/l	100
20) Methylene Chloride	2.70	84	72500	47.946	ug/l	98
21) trans-1,2-Dichloroethene	2.98	96	63536	51.361	ug/l	100
22) Diisopropyl ether	3.57	45	287770	57.251	ug/l	97
23) Vinyl Acetate	3.53	43	1234921	288.219	ug/l	98
24) 1,1-Dichloroethane	3.45	63	144291	52.121	ug/l	99
25) 2-Butanone	4.26	43	366189	258.074	ug/l	99
26) 2,2-Dichloropropane	4.23	77	97314	45.074	ug/l	100
27) cis-1,2-Dichloroethene	4.23	96	72564	51.942	ug/l	98
28) Bromochloromethane	4.55	49	80888	60.614	ug/l	95
29) Tetrahydrofuran	4.64	42	237877	277.130	ug/l	97
30) Chloroform	4.67	83	129995	50.587	ug/l	98
31) Cyclohexane	5.00	56	133547	53.104	ug/l	99
32) 1,1,1-Trichloroethane	4.92	97	106265	51.793	ug/l	99
36) 1,1-Dichloropropene	5.14	75	96918	50.374	ug/l	99
37) Ethyl Acetate	4.38	43	138264	53.086	ug/l	99
38) Carbon Tetrachloride	5.14	117	89592	48.933	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	114461	54.745	ug/l	97
40) Benzene	5.39	78	294330	50.323	ug/l	100
41) Methacrylonitrile	4.54	41	77637	57.396	ug/l	98
42) 1,2-Dichloroethane	5.40	62	113821	51.508	ug/l	99
43) Isopropyl Acetate	5.55	43	210874	55.517	ug/l	99
44) Trichloroethene	6.19	130	61100	49.070	ug/l	96
45) 1,2-Dichloropropane	6.43	63	87935	52.766	ug/l	99
46) Dibromomethane	6.56	93	49688	49.367	ug/l	99
47) Bromodichloromethane	6.76	83	103537	50.874	ug/l	97
48) Methyl methacrylate	6.62	41	106493	51.481	ug/l	99
49) 1,4-Dioxane	6.61	88	35111	854.918	ug/l	95
51) 4-Methyl-2-Pentanone	7.46	43	714987	279.878	ug/l	100
52) Toluene	7.64	92	178370	53.205	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	119156	54.493	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	127944	53.216	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	71926	50.633	ug/l	99
56) Ethyl methacrylate	8.02	69	123701	50.179	ug/l	96
57) 1,3-Dichloropropane	8.24	76	137400	52.004	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.13	63	354717	253.514	ug/l	99
59) 2-Hexanone	8.36	43	542399	271.238	ug/l	99
60) Dibromochloromethane	8.48	129	72899	52.317	ug/l	99
61) 1,2-Dibromoethane	8.59	107	74468	50.383	ug/l	100
64) Tetrachloroethene	8.23	164	52751	48.407	ug/l	98
65) Chlorobenzene	9.12	112	180654	48.178	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.21	131	65246	50.518	ug/l	99
67) Ethyl Benzene	9.25	91	336493	54.572	ug/l	100
68) m/p-Xylenes	9.38	106	246961	98.914	ug/l	97
69) o-Xylene	9.78	106	119567	54.729	ug/l	97
70) Styrene	9.79	104	202424	49.637	ug/l	99
71) Bromoform	9.96	173	52794	52.860	ug/l #	99
73) Isopropylbenzene	10.17	105	323834	55.232	ug/l	100
74) N-amyl acetate	10.01	43	194421	57.286	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	128727	47.752	ug/l	99
76) 1,2,3-Trichloropropane	10.49	75	155339	66.339	ug/l	82
77) Bromobenzene	10.45	156	72176	50.375	ug/l	93
78) n-propylbenzene	10.59	91	397950	57.362	ug/l	99
79) 2-Chlorotoluene	10.66	91	233303	53.539	ug/l	99
80) 1,3,5-Trimethylbenzene	10.77	105	272403	56.283	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.49	75	155339	212.298	ug/l #	100
82) 4-Chlorotoluene	10.77	91	268231	54.896	ug/l	99
83) tert-Butylbenzene	11.10	119	258840	54.094	ug/l	98
84) 1,2,4-Trimethylbenzene	11.15	105	279892	56.825	ug/l	99
85) sec-Butylbenzene	11.32	105	329217	56.363	ug/l	99
86) p-Isopropyltoluene	11.48	119	280596	51.173	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	136875	51.337	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	137580	47.346	ug/l	99
89) n-Butylbenzene	11.89	91	265688	50.006	ug/l	99
90) Hexachloroethane	12.15	117	52644	49.562	ug/l	99
91) 1,2-Dichlorobenzene	11.88	146	136870	48.327	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	29104	52.922	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092318\
Quantitation Report (Not Reviewed)

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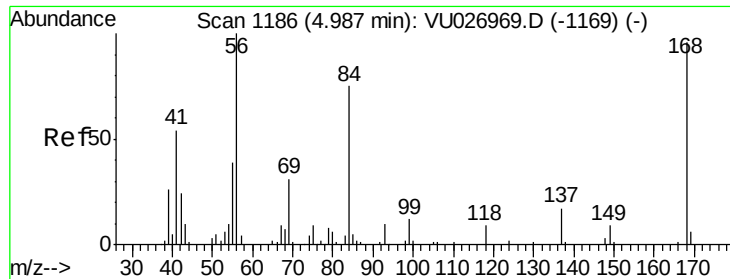
Quant Time: Sep 24 07:20:15 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U092218W.M
Quant Title : SW846 8260
QLast Update : Sat Sep 22 01:31:57 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	90163	55.244	ug/l	100
94) Hexachlorobutadiene	13.69	225	43348	50.197	ug/l	99
95) Naphthalene	13.74	128	325259	50.938	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	93551	53.450	ug/l	99

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

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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: VU027091.D

Acq: 23 Sep 2018 22:38

Instrument :

MSVOA_U

ClientSampleId :

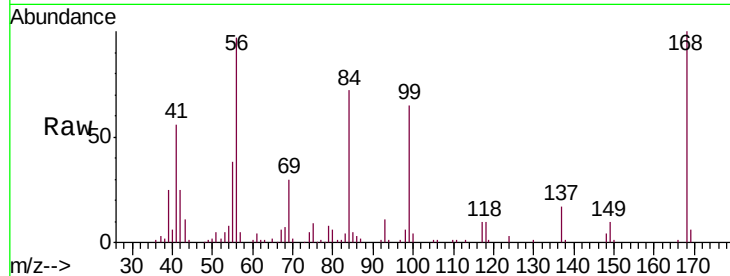
VSTDCCC050EC

Tgt Ion:168 Resp: 83890

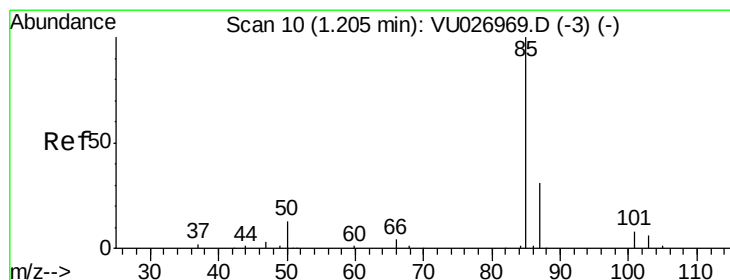
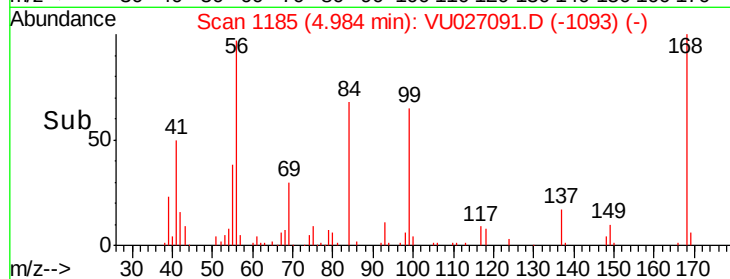
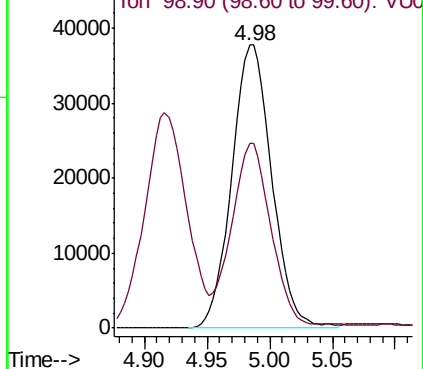
Ion Ratio Lower Upper

168 100

99 63.8 48.1 72.1



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



#2

Dichlorodifluoromethane

Concen: 47.938 ug/l

RT: 1.21 min Scan# 10

Delta R.T. 0.00 min

Lab File: VU027091.D

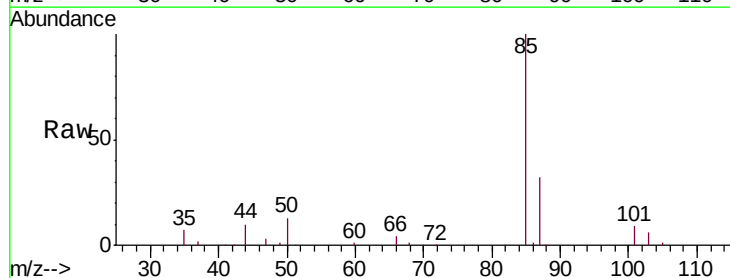
Acq: 23 Sep 2018 22:38

Tgt Ion: 85 Resp: 52506

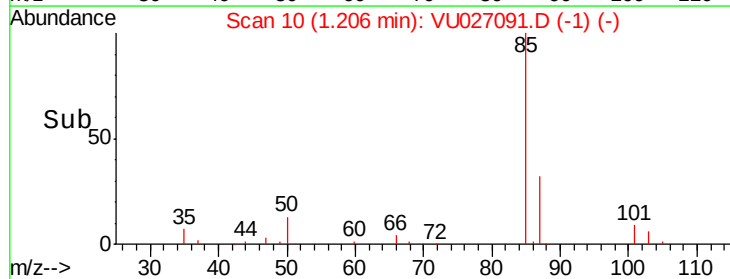
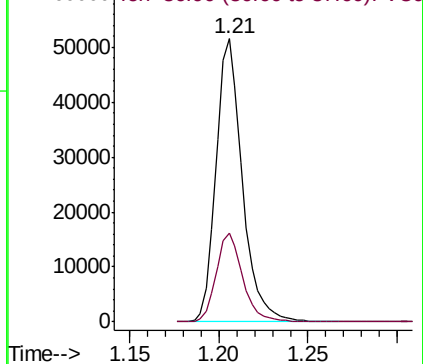
Ion Ratio Lower Upper

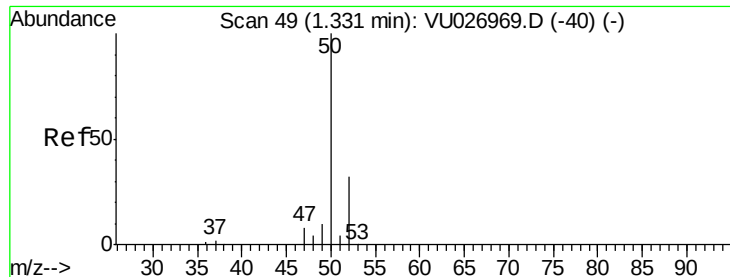
85 100

87 31.6 15.6 46.7



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





#3

Chloromethane

Concen: 46.663 ug/l

RT: 1.33 min Scan# 48

Delta R.T. -0.00 min

Lab File: VU027091.D

Acq: 23 Sep 2018 22:38

Instrument :

MSVOA_U

ClientSampleId :

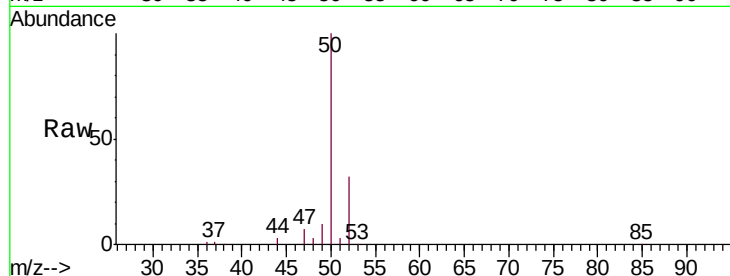
VSTDCCC050EC

Tgt Ion: 50 Resp: 88118

Ion Ratio Lower Upper

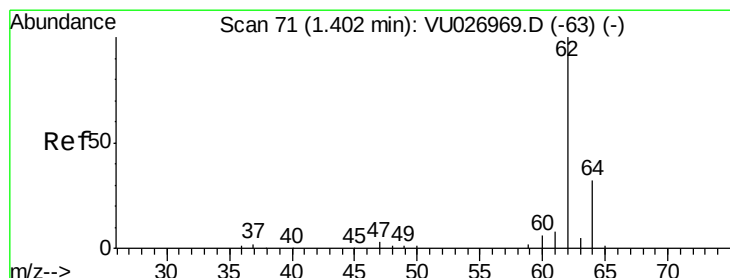
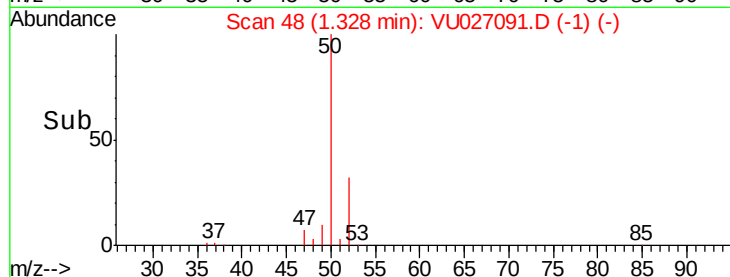
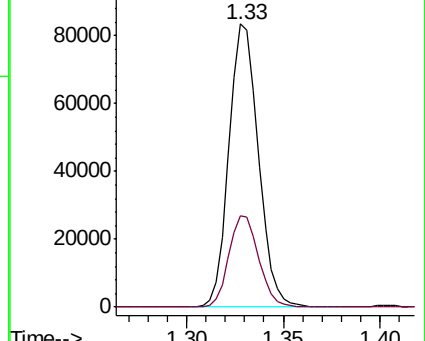
50 100

52 32.4 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VU026969.D (-40) (-)

Ion 51.90 (51.60 to 52.60): VU027091.D (-1) (-)



#4

Vinyl Chloride

Concen: 48.479 ug/l

RT: 1.40 min Scan# 71

Delta R.T. 0.00 min

Lab File: VU027091.D

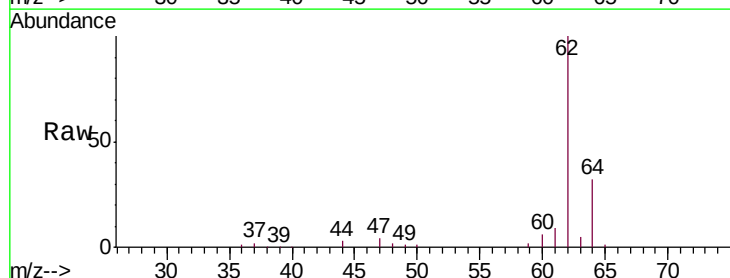
Acq: 23 Sep 2018 22:38

Tgt Ion: 62 Resp: 85456

Ion Ratio Lower Upper

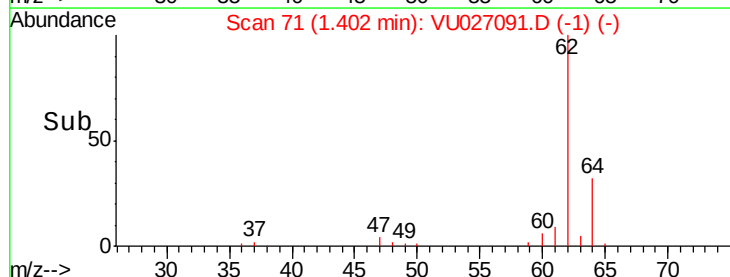
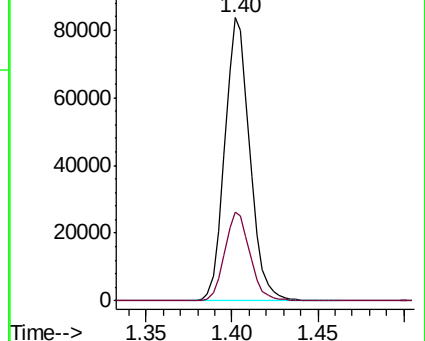
62 100

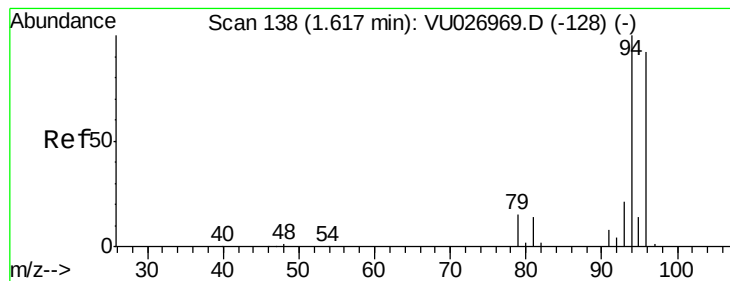
64 31.6 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VU026969.D (-63) (-)

Ion 63.90 (63.60 to 64.60): VU027091.D (-1) (-)





#5

Bromomethane

Concen: 44.489 ug/l

RT: 1.62 min Scan# 138

Delta R.T. 0.00 min

Lab File: VU027091.D

Acq: 23 Sep 2018 22:38

Instrument :

MSVOA_U

ClientSampleId :

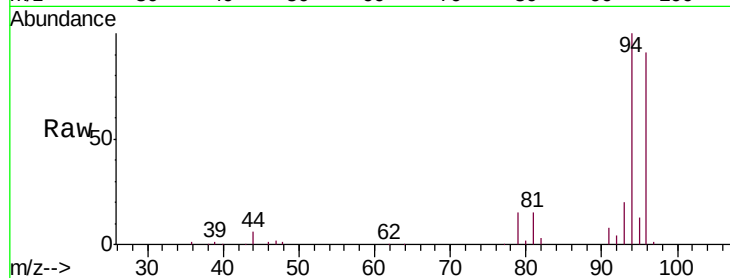
VSTDCCC050EC

Tgt Ion: 94 Resp: 44659

Ion Ratio Lower Upper

94 100

96 91.1 73.2 109.8



Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0

1.62

40000

30000

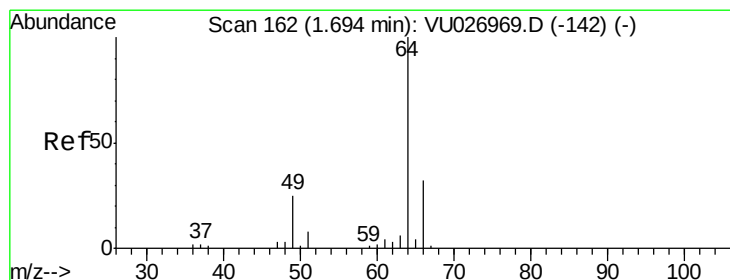
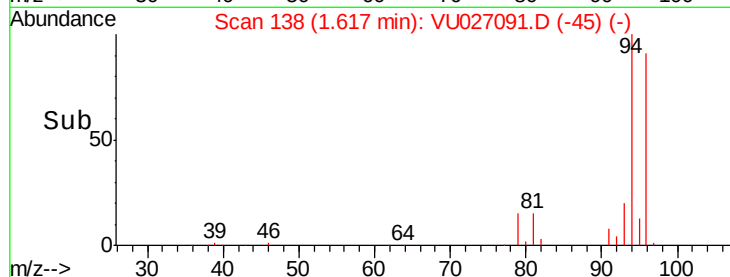
20000

10000

0

1.55 1.60 1.65 1.70

Time-->



#6

Chloroethane

Concen: 49.405 ug/l

RT: 1.69 min Scan# 162

Delta R.T. 0.00 min

Lab File: VU027091.D

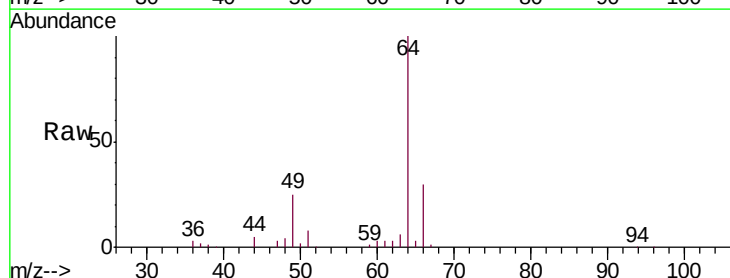
Acq: 23 Sep 2018 22:38

Tgt Ion: 64 Resp: 55644

Ion Ratio Lower Upper

64 100

66 30.5 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0

1.69

50000

40000

30000

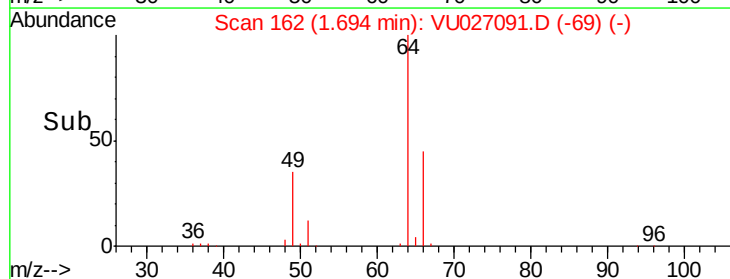
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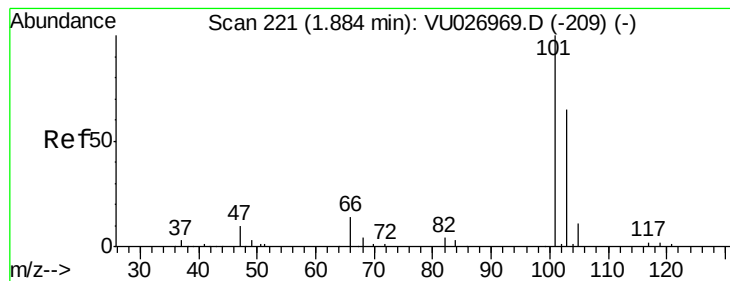
10000

0

1.65 1.70 1.75

Time-->



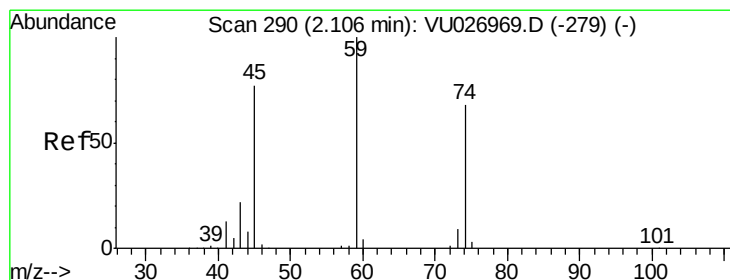
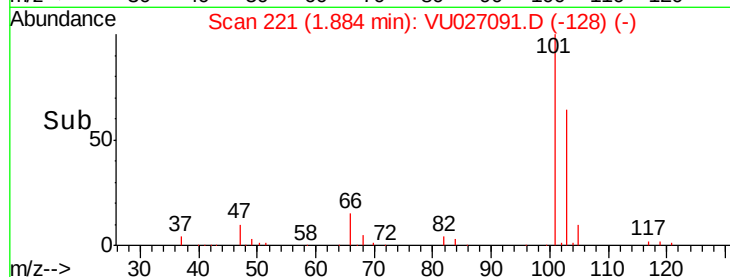
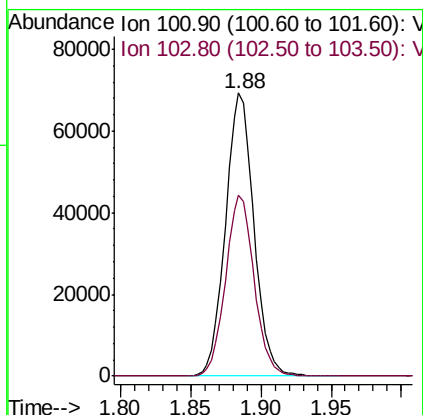
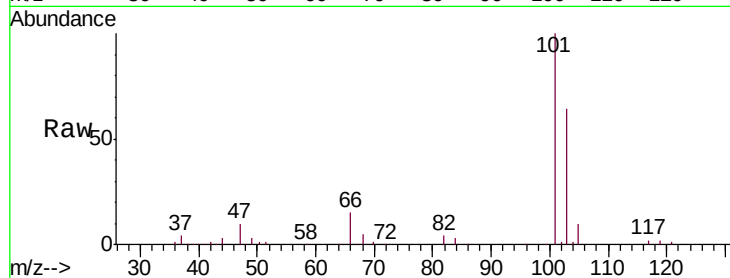


#7

Trichlorofluoromethane
 Concen: 48.809 ug/l
 RT: 1.88 min Scan# 221
 Delta R.T. 0.00 min
 Lab File: VU027091.D
 Acq: 23 Sep 2018 22:38

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 MSVOA_U
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 VSTDCCC050EC

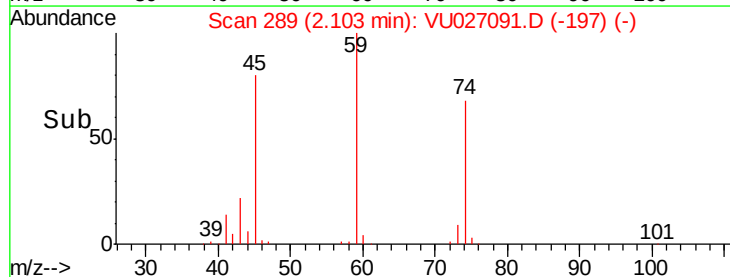
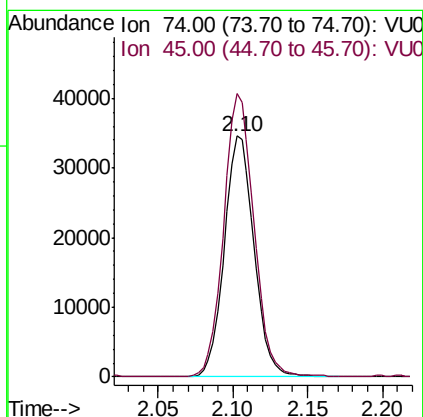
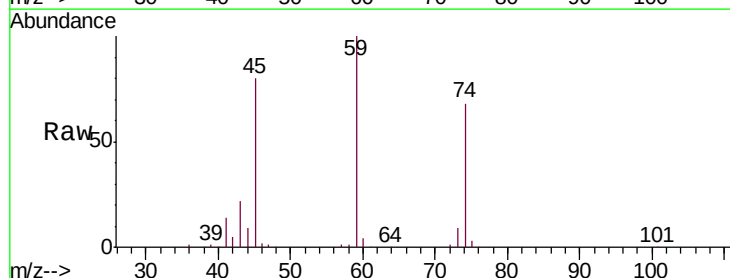
Tgt Ion:101 Resp: 97717
 Ion Ratio Lower Upper
 101 100
 103 63.7 52.2 78.2

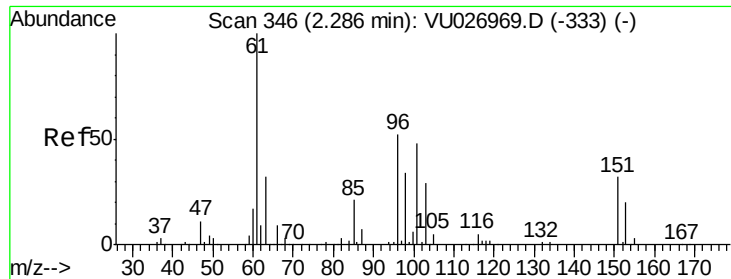


#8

Diethyl Ether
 Concen: 49.747 ug/l
 RT: 2.10 min Scan# 289
 Delta R.T. -0.00 min
 Lab File: VU027091.D
 Acq: 23 Sep 2018 22:38

Tgt Ion: 74 Resp: 47939
 Ion Ratio Lower Upper
 74 100
 45 119.7 56.9 170.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.995 ug/l

RT: 2.29 min Scan# 346

Delta R.T. 0.00 min

Lab File: VU027091.D

Acq: 23 Sep 2018 22:38

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

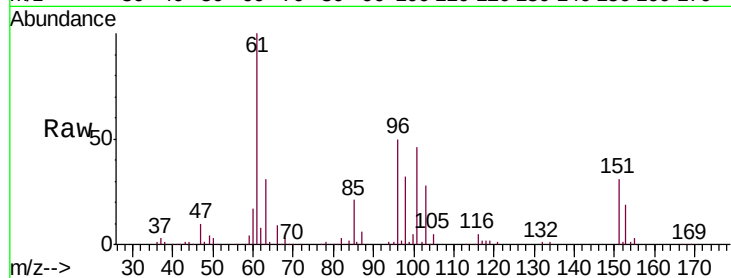
Tgt Ion:101 Resp: 59082

Ion Ratio Lower Upper

101 100

85 45.7 36.2 54.2

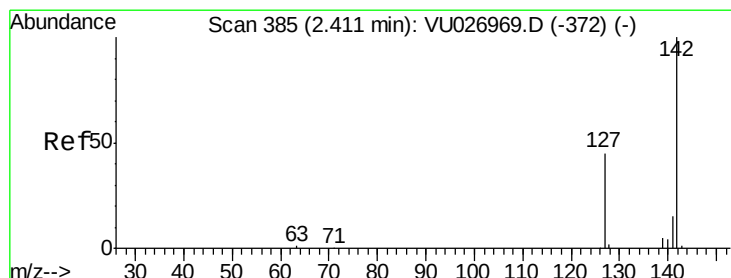
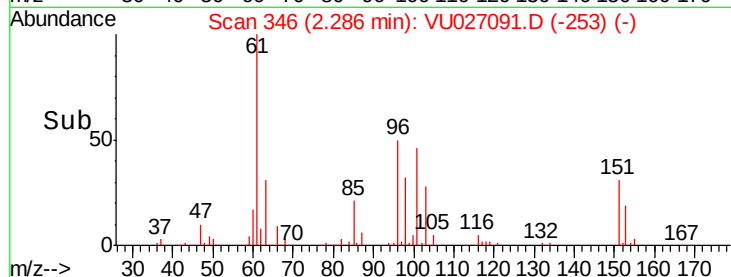
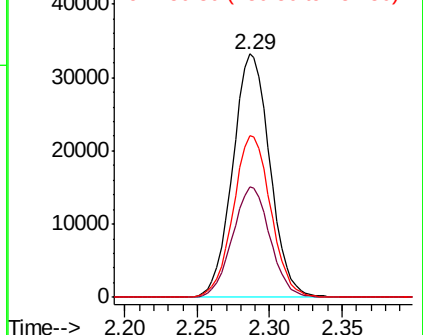
151 67.2 54.5 81.7



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: 39.378 ug/l

RT: 2.41 min Scan# 385

Delta R.T. 0.00 min

Lab File: VU027091.D

Acq: 23 Sep 2018 22:38

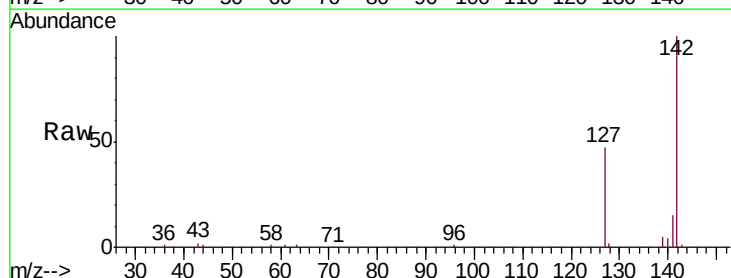
Tgt Ion:142 Resp: 60119

Ion Ratio Lower Upper

142 100

127 46.8 36.7 55.1

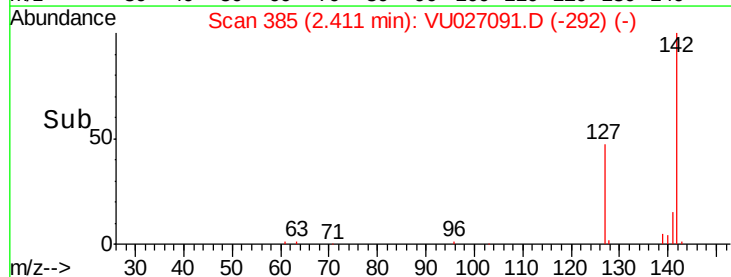
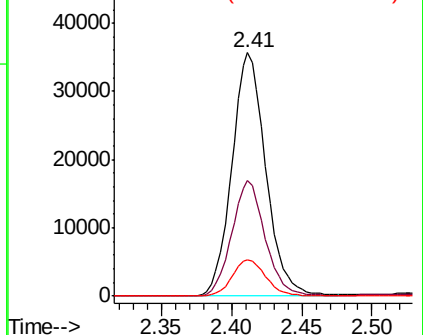
141 14.8 11.8 17.6

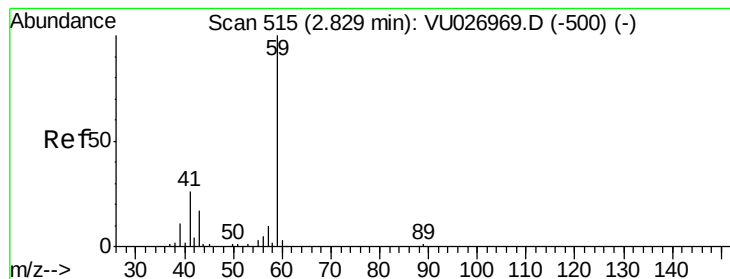


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



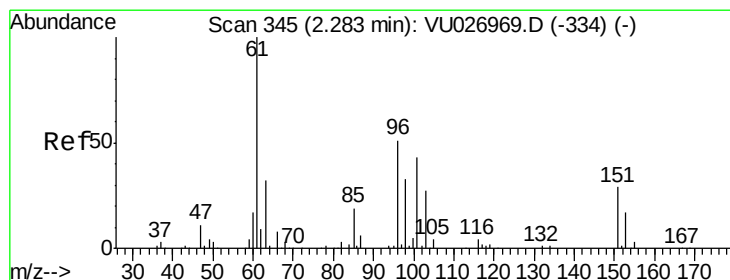
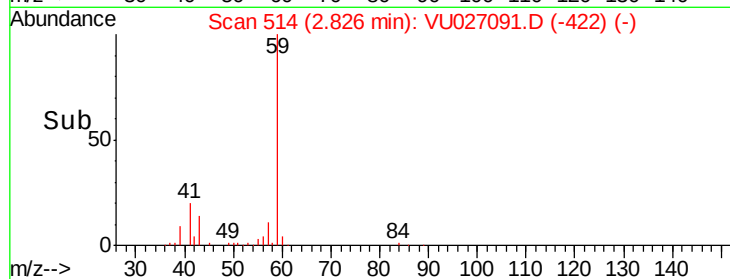
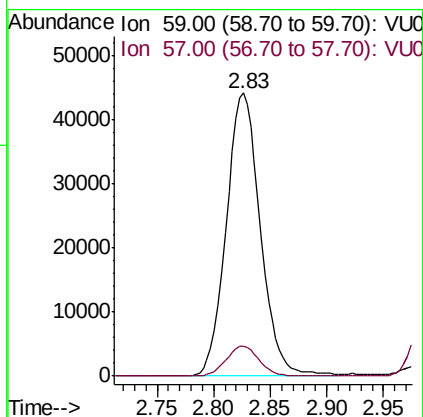
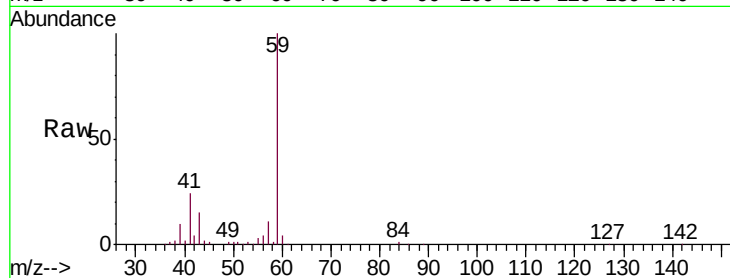


#11

Tert butyl alcohol
 Concen: 239.696 ug/l
 RT: 2.83 min Scan# 514
 Delta R.T. -0.00 min
 Lab File: VU027091.D
 Acq: 23 Sep 2018 22:38

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

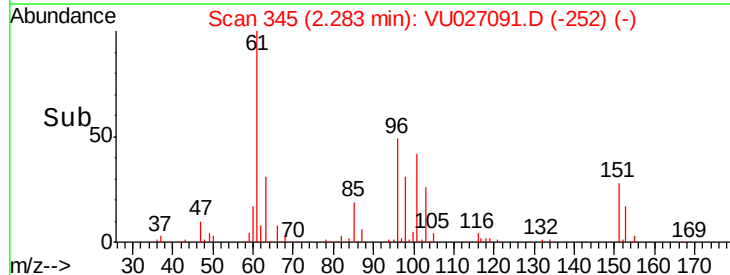
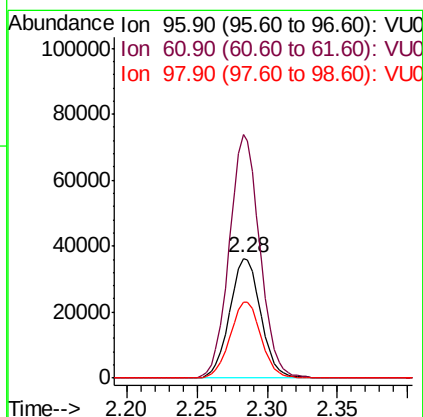
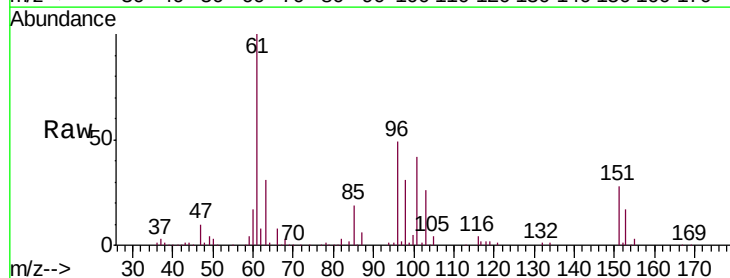
Tgt Ion: 59 Resp: 92762
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.5 12.7

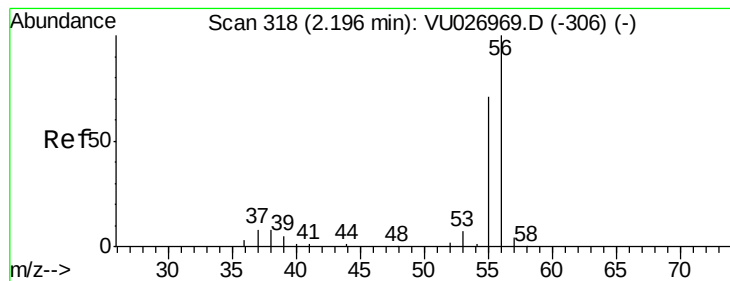


#12

1,1-Dichloroethene
 Concen: 48.367 ug/l
 RT: 2.28 min Scan# 345
 Delta R.T. 0.00 min
 Lab File: VU027091.D
 Acq: 23 Sep 2018 22:38

Tgt Ion: 96 Resp: 56040
 Ion Ratio Lower Upper
 96 100
 61 202.8 156.1 234.1
 98 63.6 51.4 77.0





#13

Acrolein

Concen: 242.673 ug/l

RT: 2.20 min Scan# 318

Delta R.T. 0.00 min

Lab File: VU027091.D

Acq: 23 Sep 2018 22:38

Instrument :

MSVOA_U

ClientSampleId :

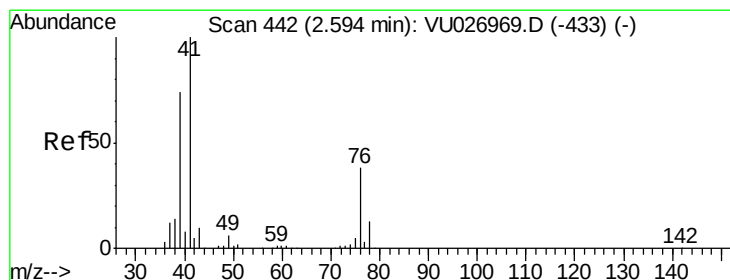
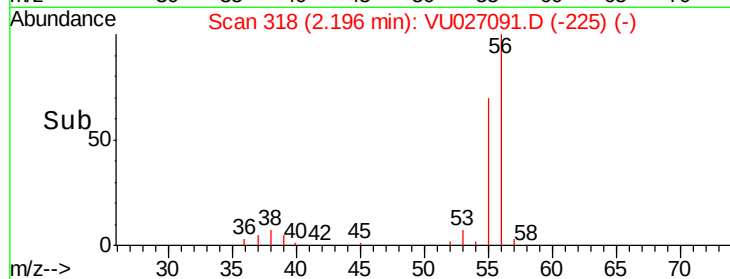
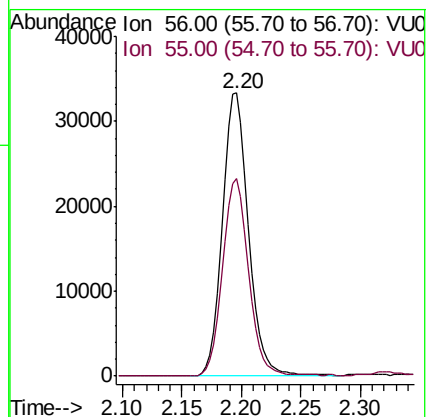
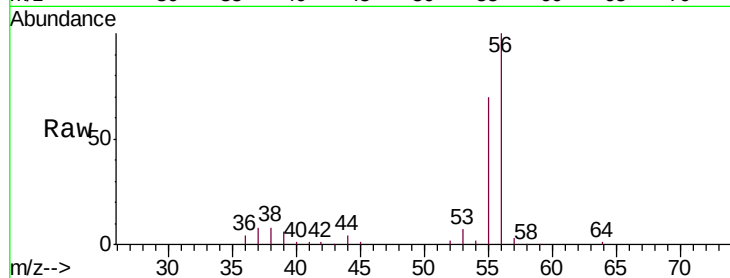
VSTDCCC050EC

Tgt Ion: 56 Resp: 50626

Ion Ratio Lower Upper

56 100

55 69.5 57.1 85.7



#14

Allyl chloride

Concen: 54.996 ug/l

RT: 2.59 min Scan# 442

Delta R.T. 0.00 min

Lab File: VU027091.D

Acq: 23 Sep 2018 22:38

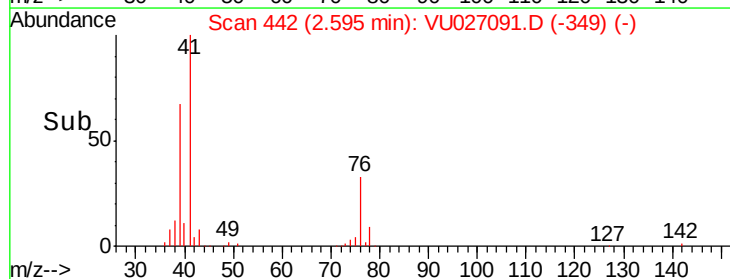
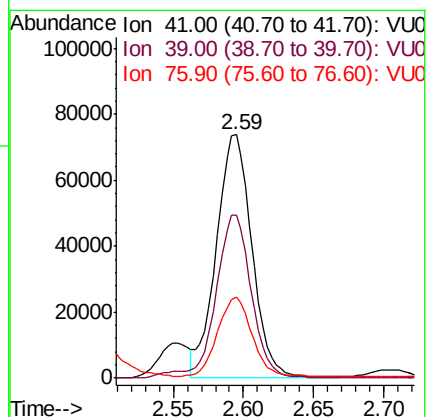
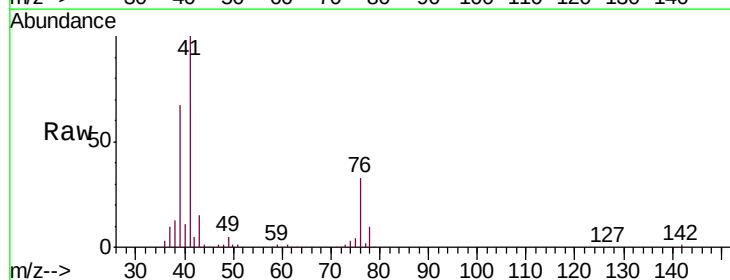
Tgt Ion: 41 Resp: 129242

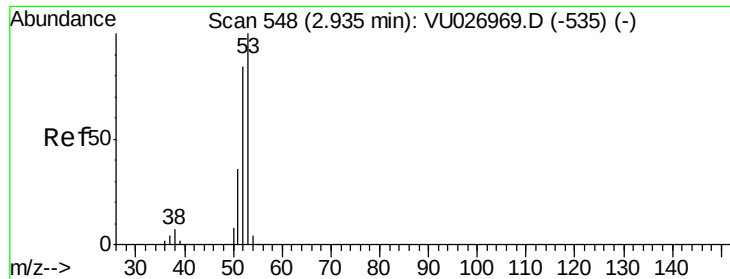
Ion Ratio Lower Upper

41 100

39 67.6 55.7 83.5

76 32.7 26.5 39.7





#15

Acrylonitrile

Concen: 264.089 ug/l

RT: 2.94 min Scan# 548

Delta R.T. 0.00 min

Lab File: VU027091.D

Acq: 23 Sep 2018 22:38

Instrument :

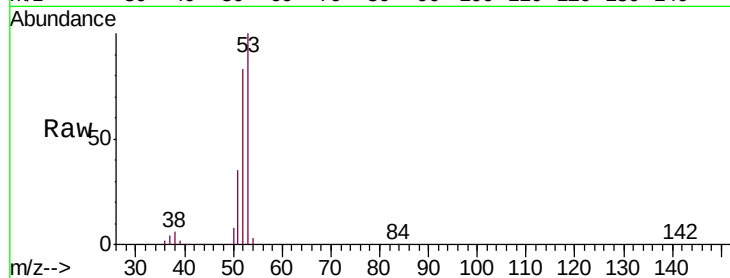
MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 53 Resp: 257589

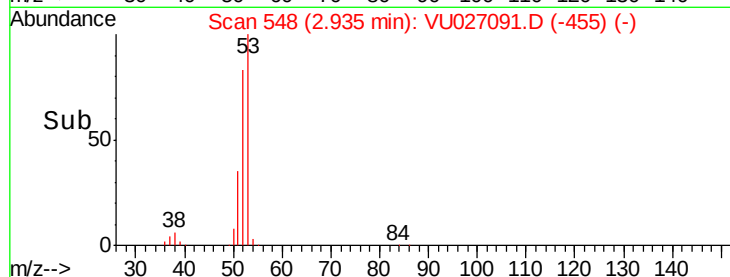
Ion	Ratio	Lower	Upper
53	100		
52	82.4	65.7	98.5
51	34.6	27.4	41.2



Abundance Ion 53.00 (52.70 to 53.70): VU0

Ion 52.00 (51.70 to 52.70): VU0

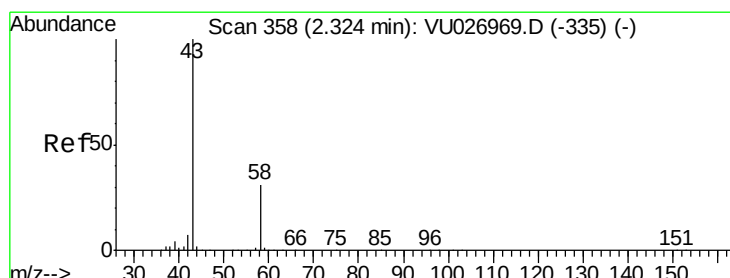
Ion 51.00 (50.70 to 51.70): VU0



Abundance Ion 53.00 (52.70 to 53.70): VU0

Ion 52.00 (51.70 to 52.70): VU0

Ion 51.00 (50.70 to 51.70): VU0



#16

Acetone

Concen: 244.007 ug/l

RT: 2.32 min Scan# 357

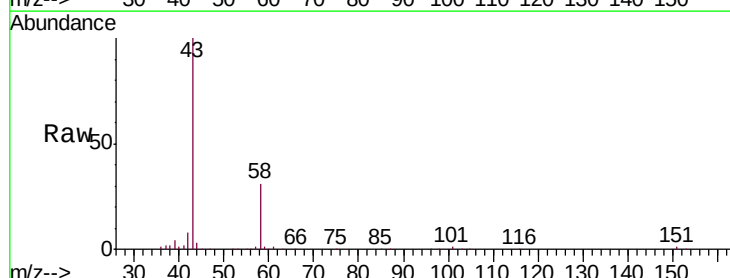
Delta R.T. -0.00 min

Lab File: VU027091.D

Acq: 23 Sep 2018 22:38

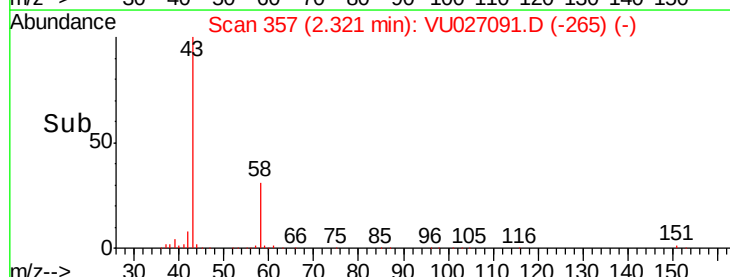
Tgt Ion: 43 Resp: 219201

Ion	Ratio	Lower	Upper
43	100		
58	30.9	24.6	36.8



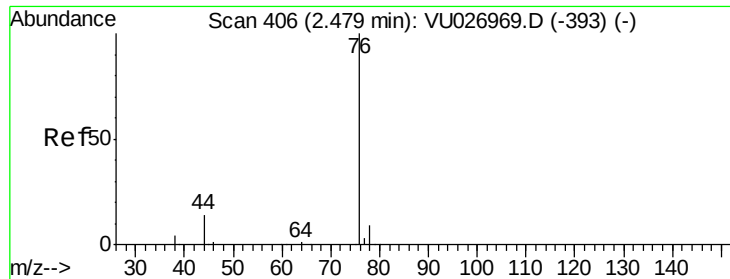
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



Abundance Ion 43.00 (42.70 to 43.70): VU0

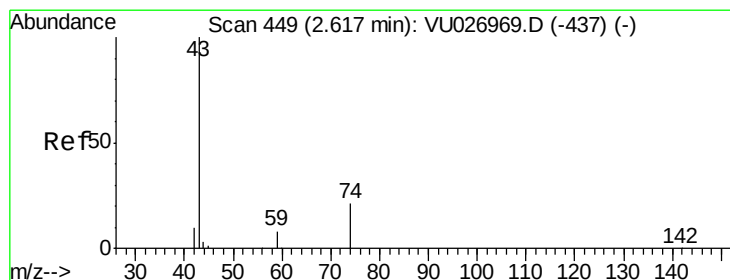
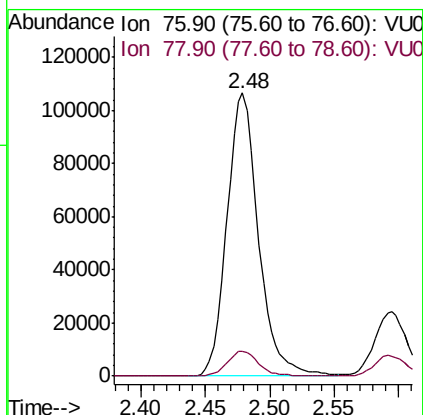
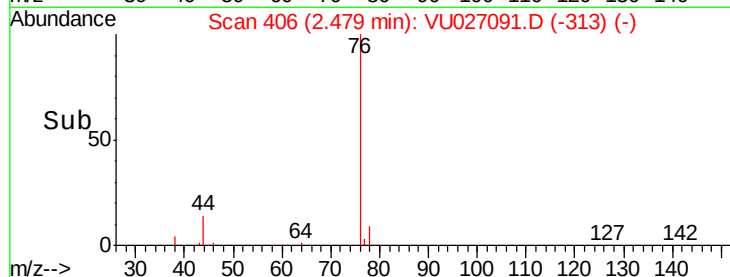
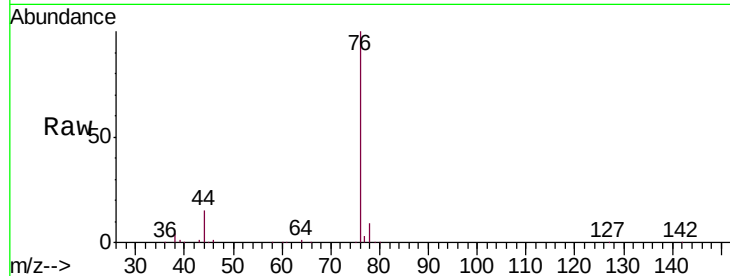
Ion 58.00 (57.70 to 58.70): VU0



#17
Carbon Disulfide
Concen: 47.907 ug/l
RT: 2.48 min Scan# 406
Delta R.T. 0.00 min
Lab File: VU027091.D
Acq: 23 Sep 2018 22:38

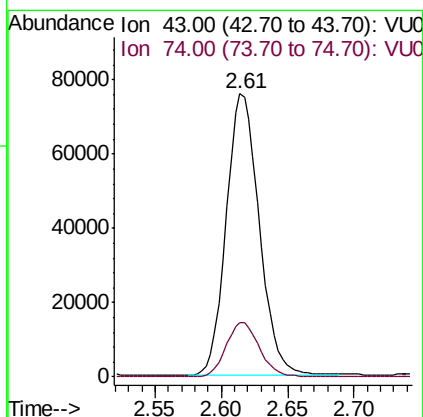
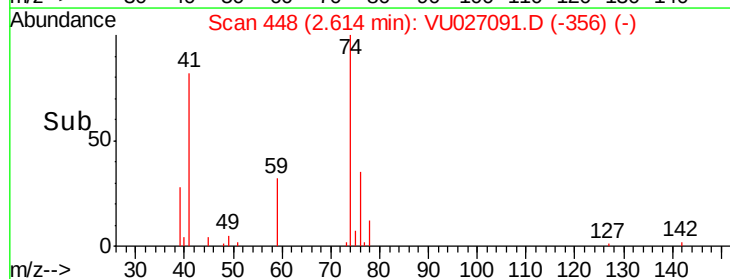
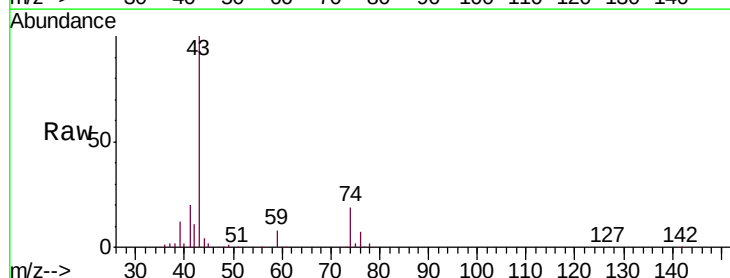
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

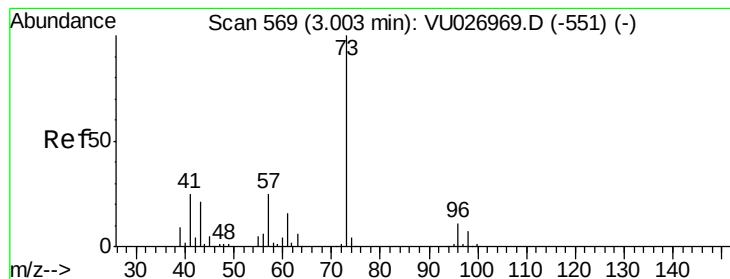
Tgt Ion: 76 Resp: 180824
Ion Ratio Lower Upper
76 100
78 9.0 7.1 10.7



#18
Methyl Acetate
Concen: 54.590 ug/l
RT: 2.61 min Scan# 448
Delta R.T. -0.00 min
Lab File: VU027091.D
Acq: 23 Sep 2018 22:38

Tgt Ion: 43 Resp: 131189
Ion Ratio Lower Upper
43 100
74 19.8 16.6 25.0



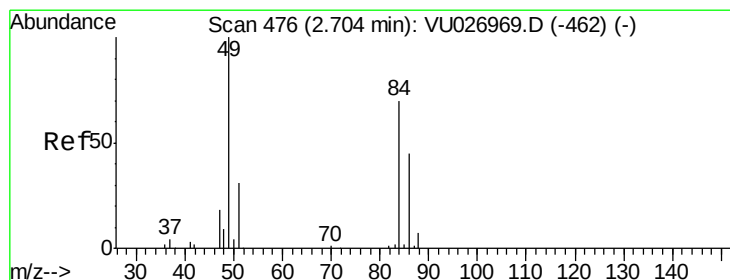
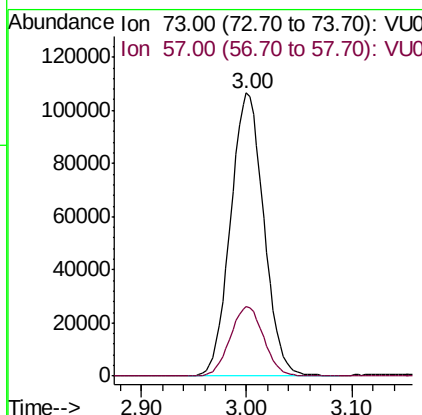
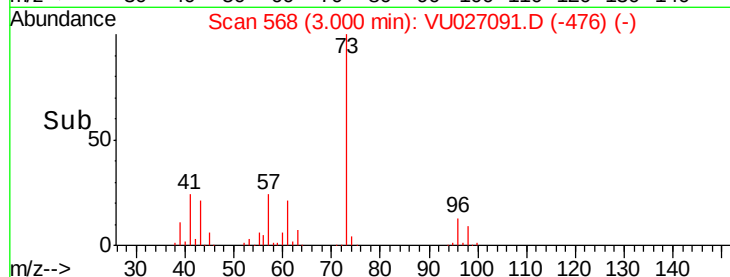
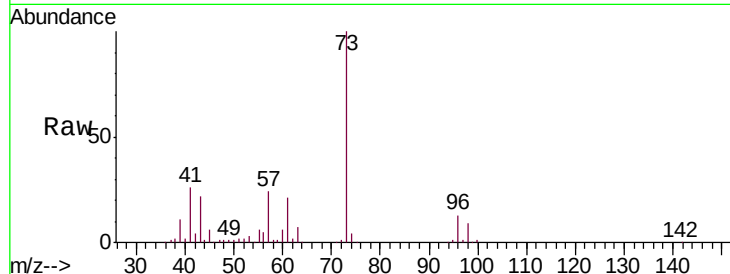


#19

Methyl tert-butyl Ether
 Concen: 54.806 ug/l
 RT: 3.00 min Scan# 568
 Delta R.T. -0.00 min
 Lab File: VU027091.D
 Acq: 23 Sep 2018 22:38

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

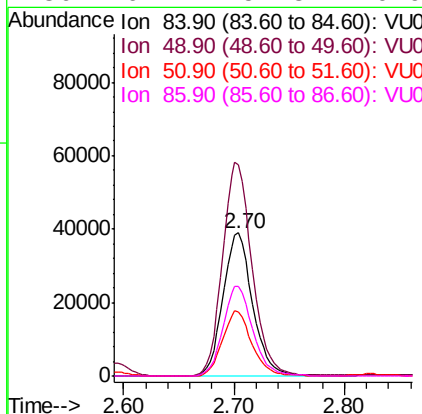
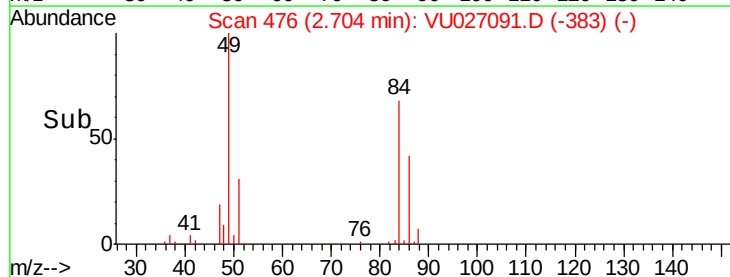
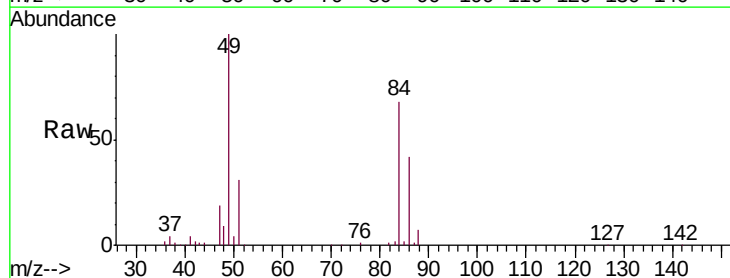
Tgt Ion: 73 Resp: 233349
 Ion Ratio Lower Upper
 73 100
 57 24.5 19.8 29.6

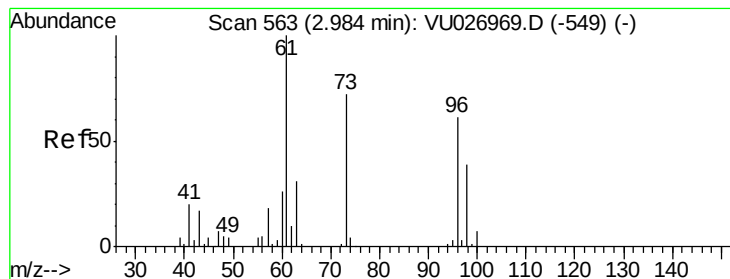


#20

Methylene Chloride
 Concen: 47.946 ug/l
 RT: 2.70 min Scan# 476
 Delta R.T. 0.00 min
 Lab File: VU027091.D
 Acq: 23 Sep 2018 22:38

Tgt Ion: 84 Resp: 72500
 Ion Ratio Lower Upper
 84 100
 49 147.7 114.9 172.3
 51 45.1 35.8 53.8
 86 62.7 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 51.361 ug/l

RT: 2.98 min Scan# 563

Delta R.T. 0.00 min

Lab File: VU027091.D

Acq: 23 Sep 2018 22:38

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

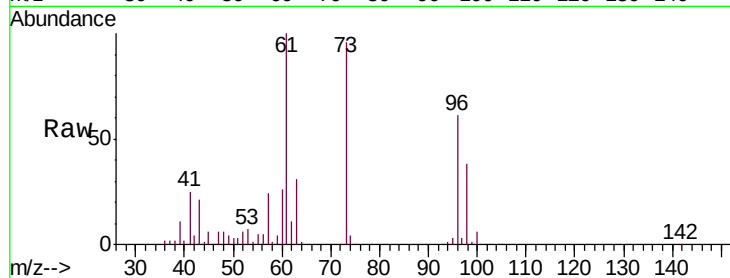
Tgt Ion: 96 Resp: 63536

Ion Ratio Lower Upper

96 100

61 164.9 131.8 197.6

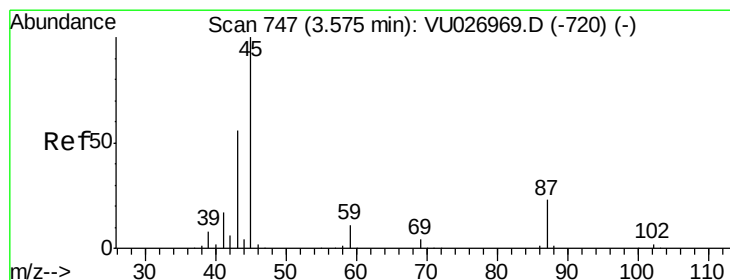
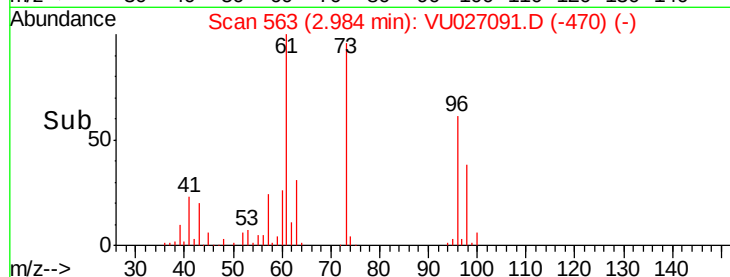
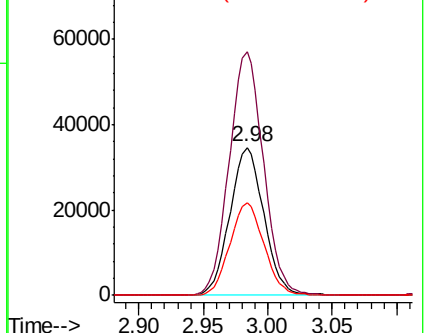
98 62.7 50.9 76.3



Abundance Ion 95.90 (95.60 to 96.60): VU026969.D (-549) (-)

Ion 60.90 (60.60 to 61.60): VU026969.D (-549) (-)

Ion 97.90 (97.60 to 98.60): VU026969.D (-549) (-)



#22

Diisopropyl ether

Concen: 57.251 ug/l

RT: 3.57 min Scan# 746

Delta R.T. -0.00 min

Lab File: VU027091.D

Acq: 23 Sep 2018 22:38

Tgt Ion: 45 Resp: 287770

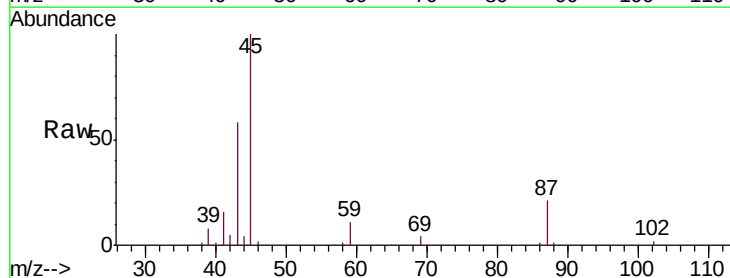
Ion Ratio Lower Upper

45 100

43 55.8 45.8 68.6

87 20.9 18.6 28.0

59 10.5 9.0 13.4

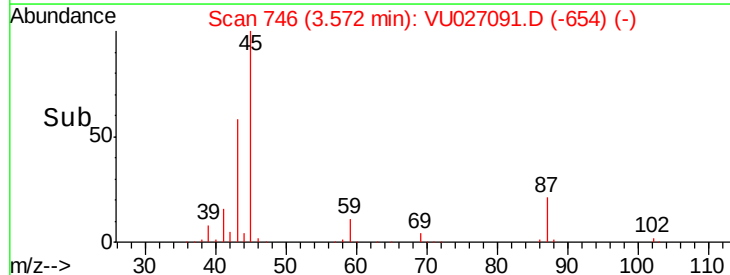
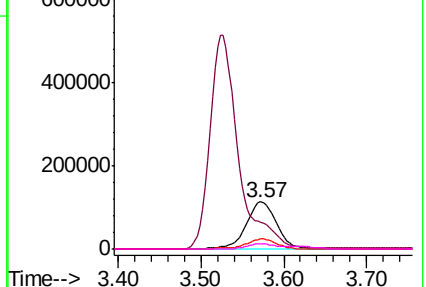


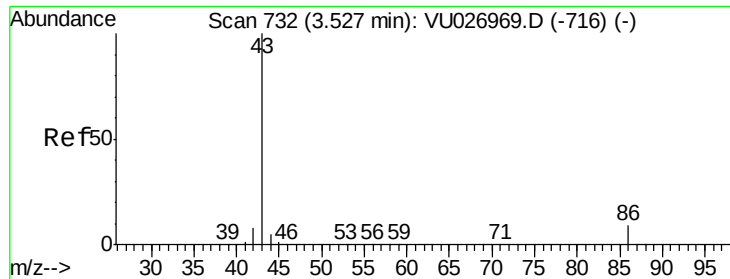
Abundance Ion 45.00 (44.70 to 45.70): VU026969.D (-720) (-)

Ion 43.00 (42.70 to 43.70): VU026969.D (-720) (-)

Ion 87.00 (86.70 to 87.70): VU026969.D (-720) (-)

Ion 59.00 (58.70 to 59.70): VU026969.D (-720) (-)





#23

Vinyl Acetate

Concen: 288.219 ug/l

RT: 3.53 min Scan# 732

Delta R.T. 0.00 min

Lab File: VU027091.D

Acq: 23 Sep 2018 22:38

Instrument :

MSVOA_U

ClientSampleId :

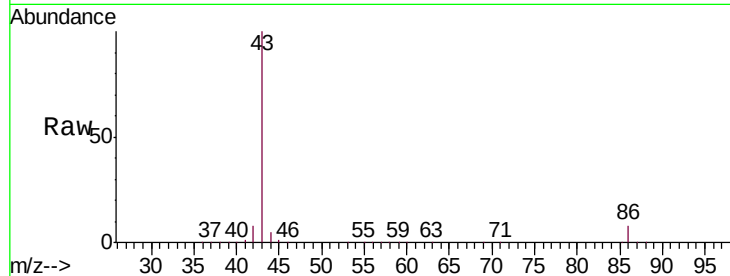
VSTDCCC050EC

Tgt Ion: 43 Resp: 1234921

Ion Ratio Lower Upper

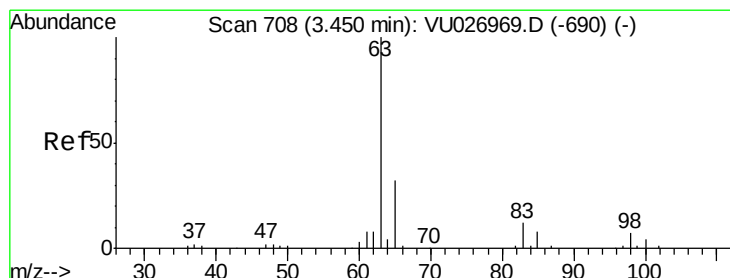
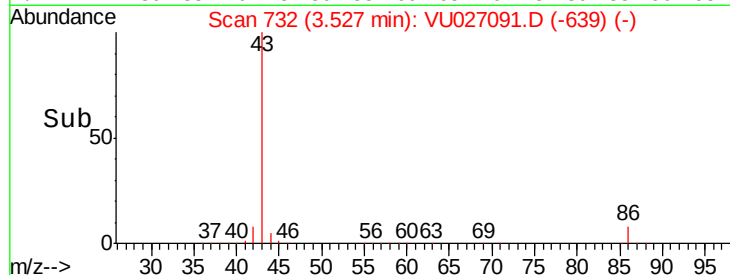
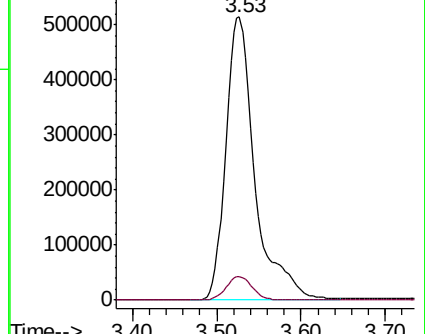
43 100

86 8.4 7.2 10.8



Abundance Ion 43.00 (42.70 to 43.70): VU027091.D (-639) (-)

Ion 86.00 (85.70 to 86.70): VU027091.D (-639) (-)



#24

1,1-Dichloroethane

Concen: 52.121 ug/l

RT: 3.45 min Scan# 707

Delta R.T. -0.00 min

Lab File: VU027091.D

Acq: 23 Sep 2018 22:38

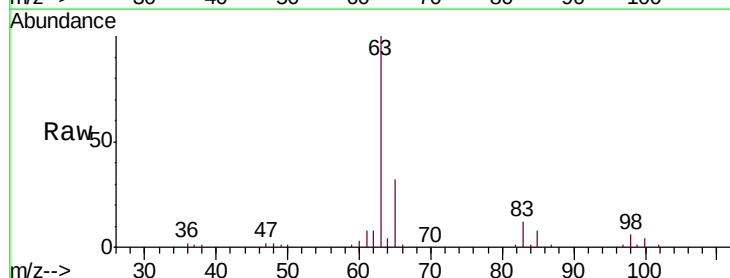
Tgt Ion: 63 Resp: 144291

Ion Ratio Lower Upper

63 100

98 6.2 3.3 9.8

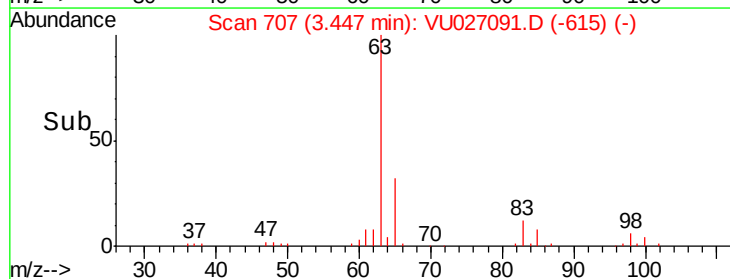
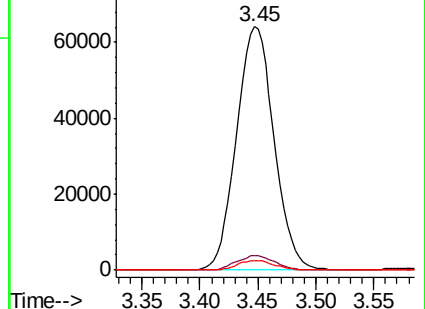
100 4.1 2.0 5.8

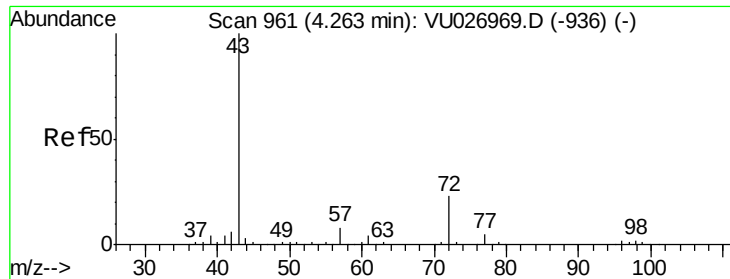


Abundance Ion 62.90 (62.60 to 63.60): VU027091.D (-615) (-)

Ion 97.90 (97.60 to 98.60): VU027091.D (-615) (-)

Ion 99.90 (99.60 to 100.60): VU027091.D (-615) (-)





#25

2-Butanone

Concen: 258.074 ug/l

RT: 4.26 min Scan# 960

Delta R.T. -0.00 min

Lab File: VU027091.D

Acq: 23 Sep 2018 22:38

Instrument :

MSVOA_U

ClientSampleId :

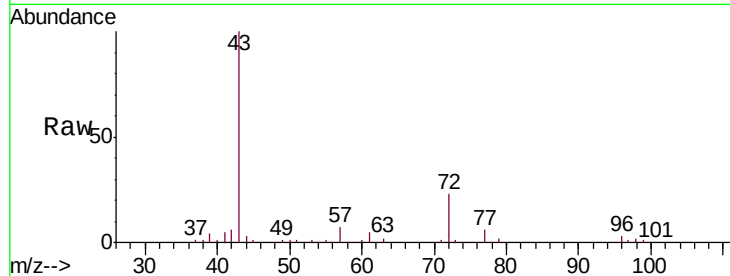
VSTDCCC050EC

Tgt Ion: 43 Resp: 366189

Ion Ratio Lower Upper

43 100

72 22.5 18.4 27.6



Abundance Ion 43.00 (42.70 to 43.70): VU026969.D (-936) (-)

Ion 72.00 (71.70 to 72.70): VU026969.D (-936) (-)

4.26

150000

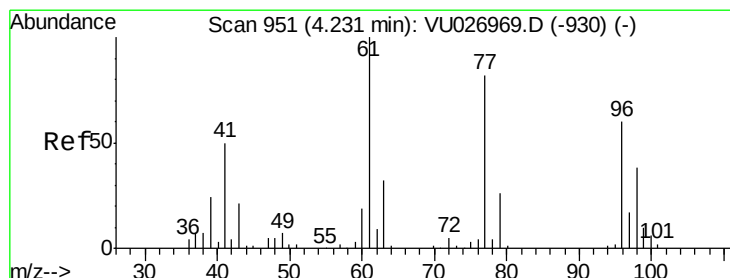
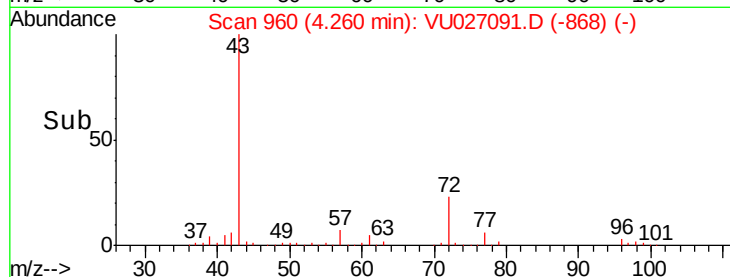
100000

50000

0

4.20 4.30

Time-->



#26

2,2-Dichloropropane

Concen: 45.074 ug/l

RT: 4.23 min Scan# 951

Delta R.T. 0.00 min

Lab File: VU027091.D

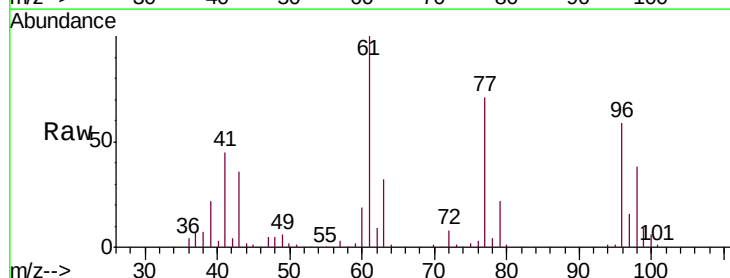
Acq: 23 Sep 2018 22:38

Tgt Ion: 77 Resp: 97314

Ion Ratio Lower Upper

77 100

97 21.1 10.5 31.5



Abundance Ion 76.90 (76.60 to 77.60): VU026969.D (-930) (-)

Ion 96.90 (96.60 to 97.60): VU026969.D (-930) (-)

4.23

40000

30000

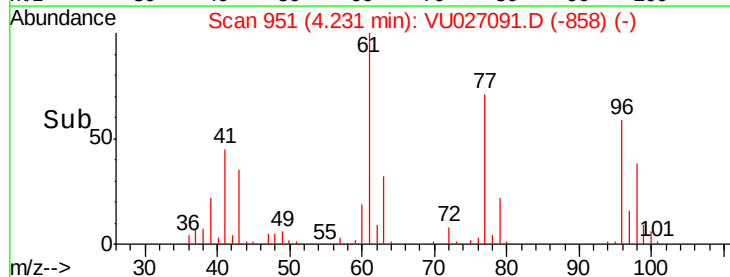
20000

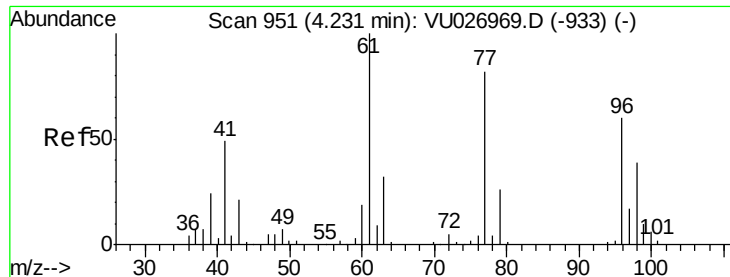
10000

0

4.10 4.20 4.30

Time-->



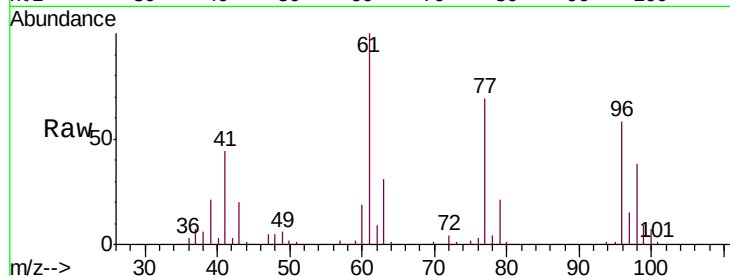


#27

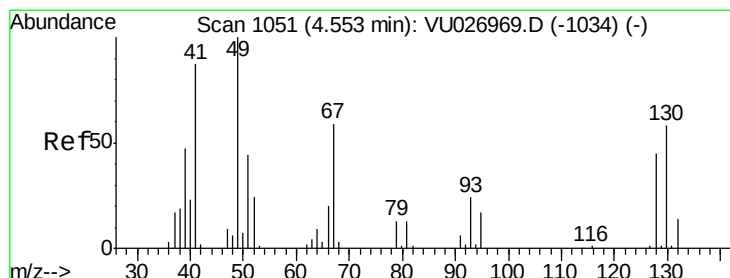
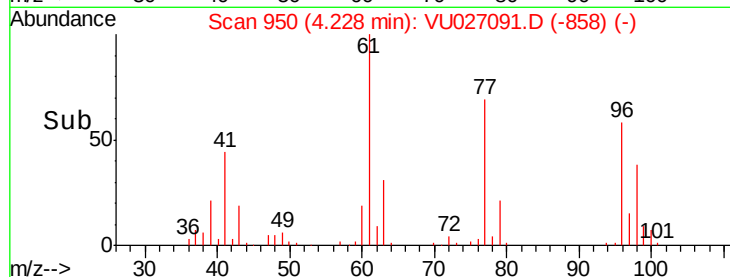
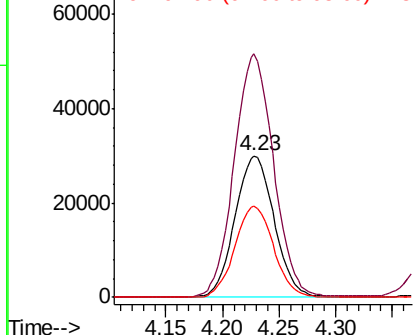
cis-1,2-Dichloroethene
Concen: 51.942 ug/l
RT: 4.23 min Scan# 950
Delta R.T. -0.00 min
Lab File: VU027091.D
Acq: 23 Sep 2018 22:38

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 72564
Ion Ratio Lower Upper
96 100
61 172.7 0.0 337.2
98 63.7 0.0 127.6



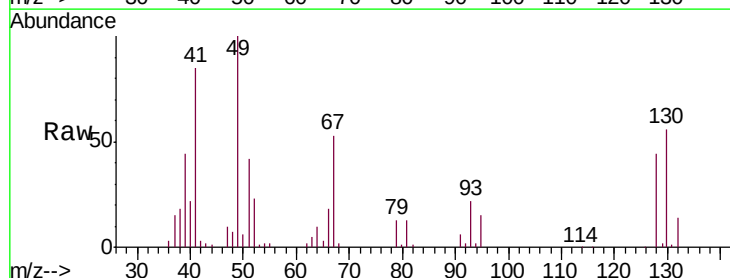
Abundance Ion 95.90 (95.60 to 96.60): VU0
Ion 60.90 (60.60 to 61.60): VU0
Ion 97.90 (97.60 to 98.60): VU0



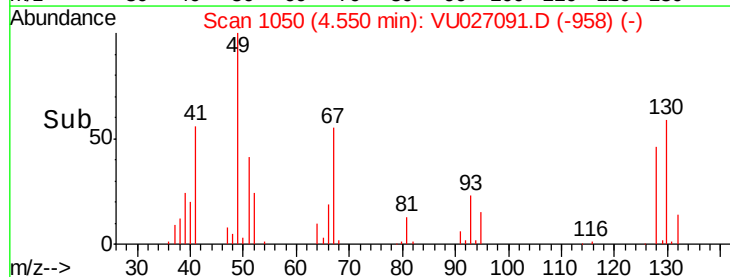
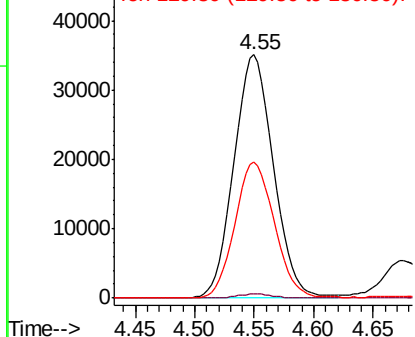
#28

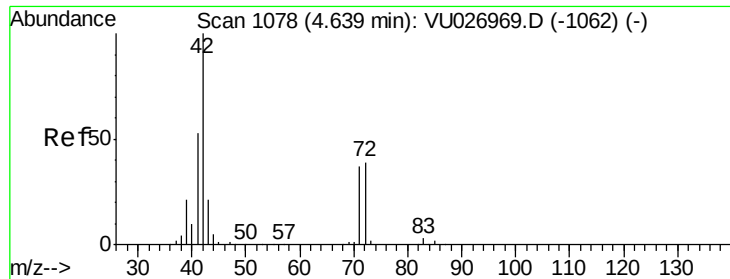
Bromochloromethane
Concen: 60.614 ug/l
RT: 4.55 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VU027091.D
Acq: 23 Sep 2018 22:38

Tgt Ion: 49 Resp: 80888
Ion Ratio Lower Upper
49 100
129 1.4 0.0 3.0
130 55.9 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: 277.130 ug/l

RT: 4.64 min Scan# 1077

Delta R.T. -0.00 min

Lab File: VU027091.D

Acq: 23 Sep 2018 22:38

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

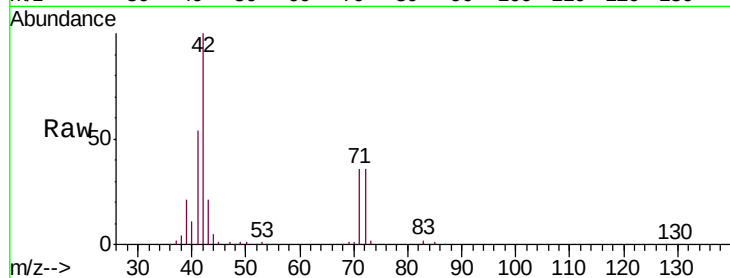
Tgt Ion: 42 Resp: 237877

Ion Ratio Lower Upper

42 100

72 37.5 31.7 47.5

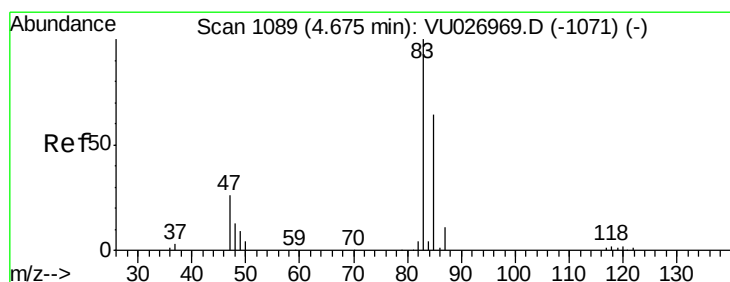
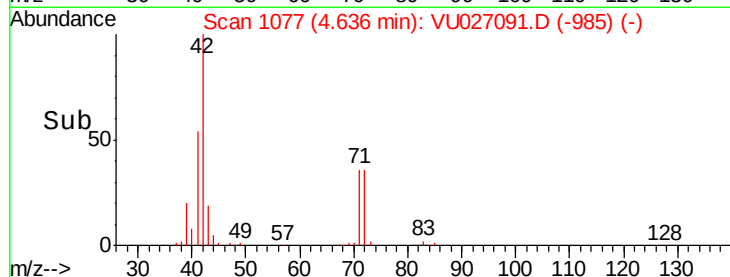
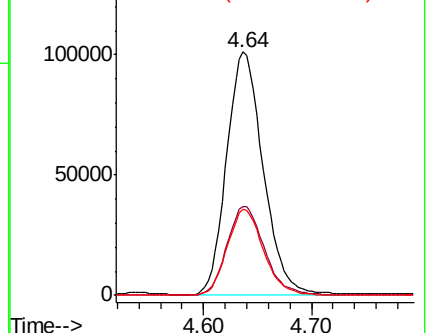
71 35.4 29.6 44.4



Abundance Ion 42.00 (41.70 to 42.70): VU026969.D (-1062) (-)

Ion 72.00 (71.70 to 72.70): VU026969.D (-1062) (-)

Ion 71.00 (70.70 to 71.70): VU026969.D (-1062) (-)



#30

Chloroform

Concen: 50.587 ug/l

RT: 4.67 min Scan# 1089

Delta R.T. 0.00 min

Lab File: VU027091.D

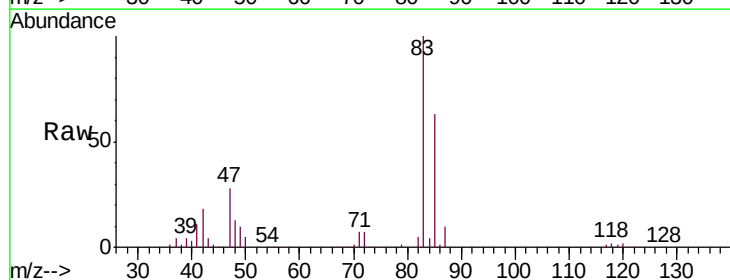
Acq: 23 Sep 2018 22:38

Tgt Ion: 83 Resp: 129995

Ion Ratio Lower Upper

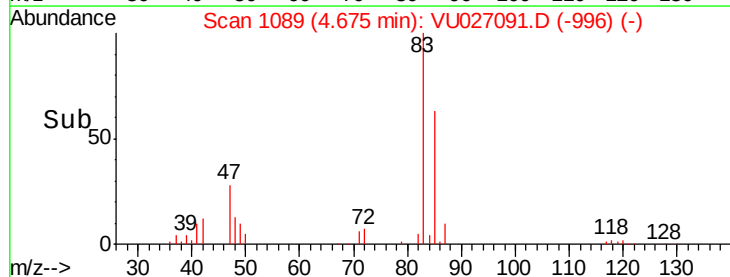
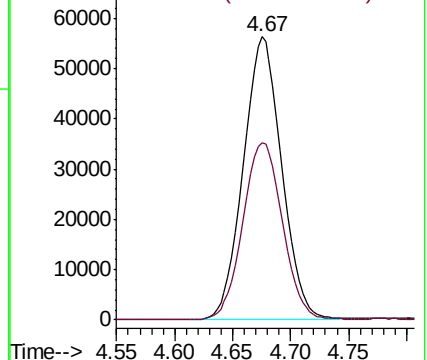
83 100

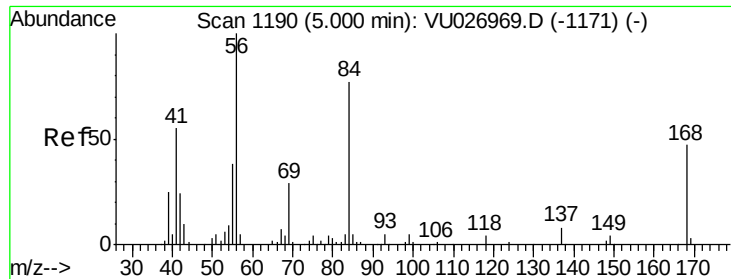
85 62.8 51.5 77.3



Abundance Ion 82.90 (82.60 to 83.60): VU026969.D (-1071) (-)

Ion 84.90 (84.60 to 85.60): VU026969.D (-1071) (-)

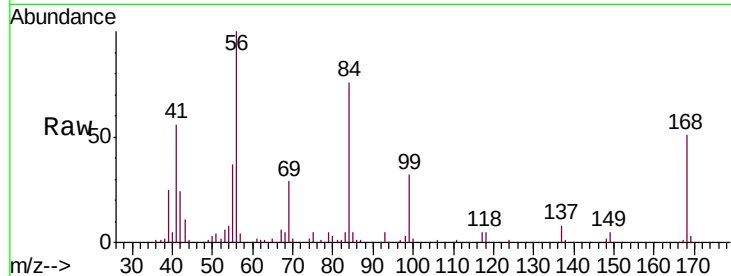




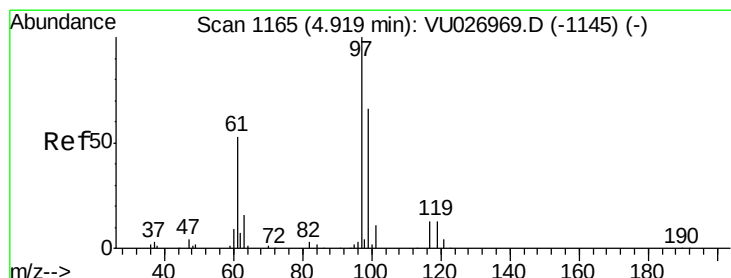
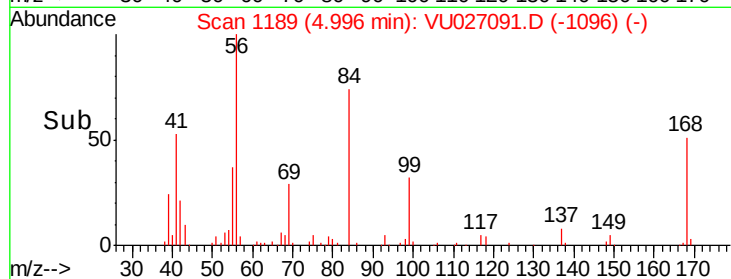
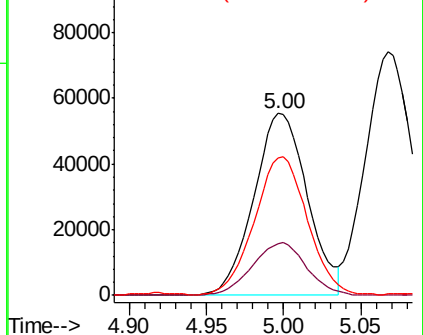
#31
Cyclohexane
Concen: 53.104 ug/l
RT: 5.00 min Scan# 1189
Delta R.T. -0.00 min
Lab File: VU027091.D
Acq: 23 Sep 2018 22:38

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 133547
Ion Ratio Lower Upper
56 100
69 28.6 23.0 34.4
84 75.1 61.4 92.2

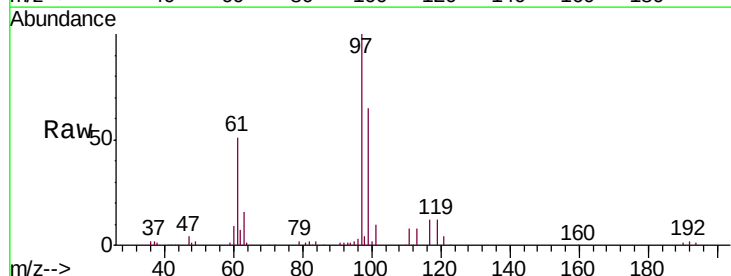


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

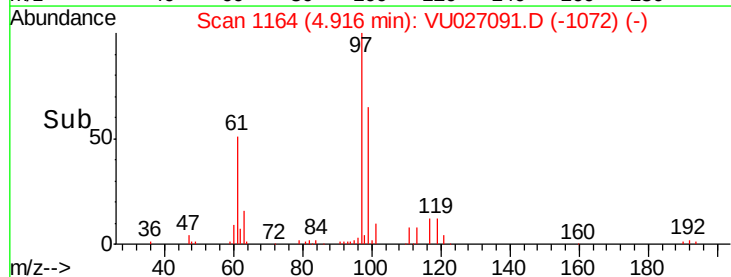
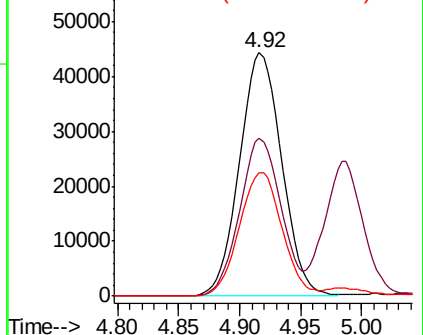


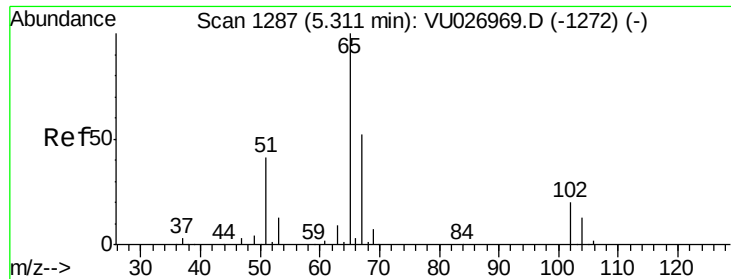
#32
1,1,1-Trichloroethane
Concen: 51.793 ug/l
RT: 4.92 min Scan# 1164
Delta R.T. -0.00 min
Lab File: VU027091.D
Acq: 23 Sep 2018 22:38

Tgt Ion: 97 Resp: 106265
Ion Ratio Lower Upper
97 100
99 63.6 51.8 77.6
61 51.4 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

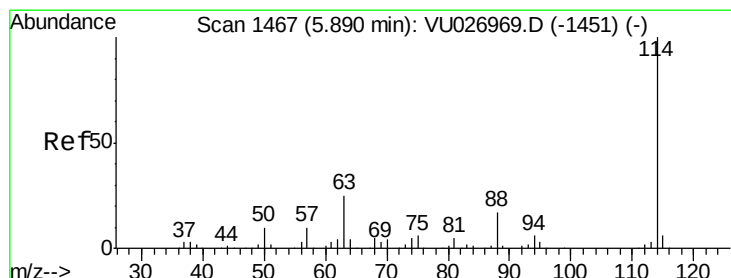
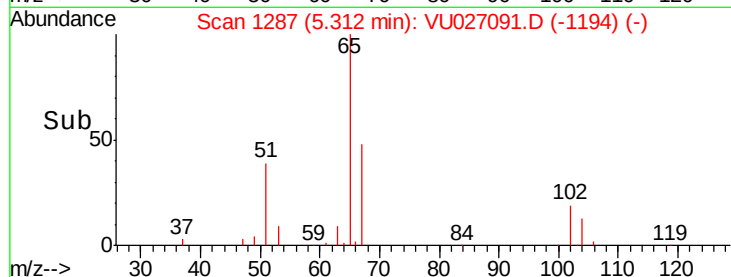
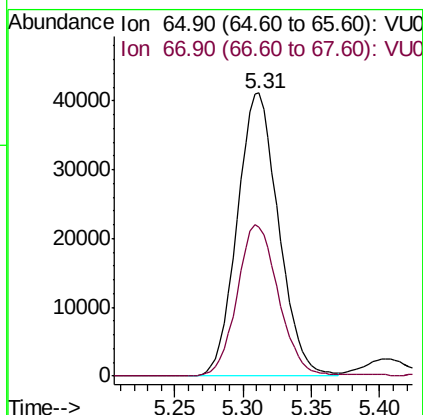
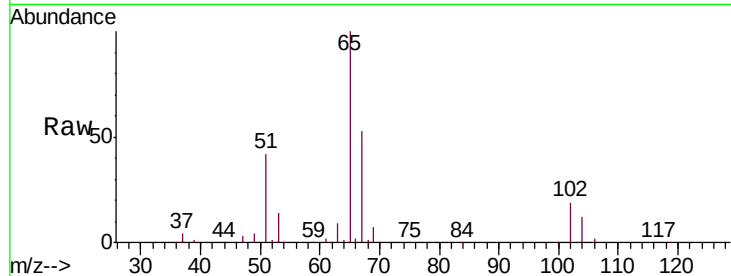




#33
 1,2-Dichloroethane-d4
 Concen: 51.392 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: VU027091.D
 Acq: 23 Sep 2018 22:38

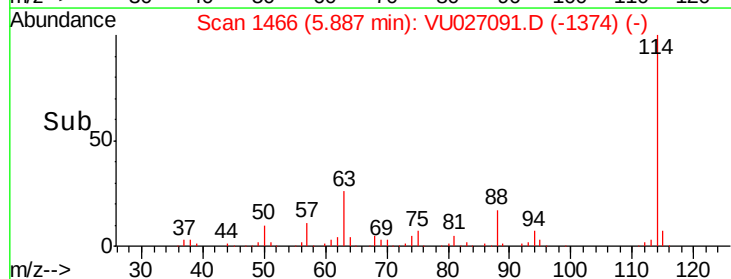
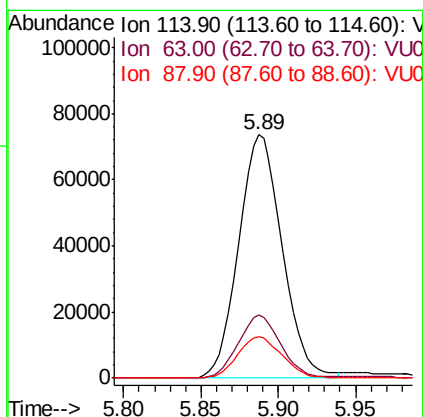
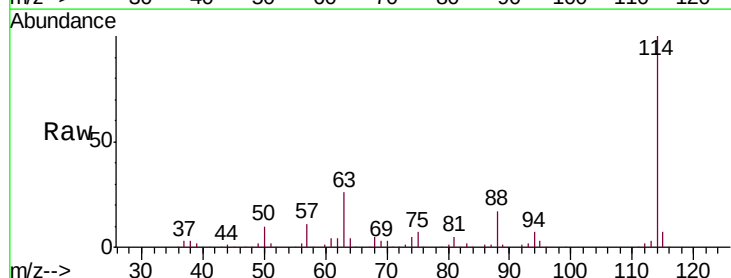
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

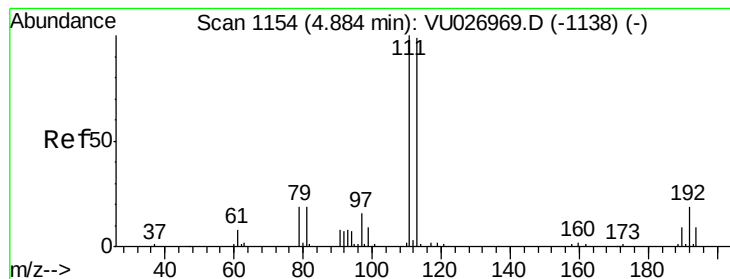
Tgt Ion: 65 Resp: 86772
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: VU027091.D
 Acq: 23 Sep 2018 22:38

Tgt Ion: 114 Resp: 144158
 Ion Ratio Lower Upper
 114 100
 63 26.0 0.0 49.2
 88 16.9 0.0 33.8





#35

Dibromofluoromethane

Concen: 49.334 ug/l

RT: 4.88 min Scan# 1154

Delta R.T. 0.00 min

Lab File: VU027091.D

Acq: 23 Sep 2018 22:38

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

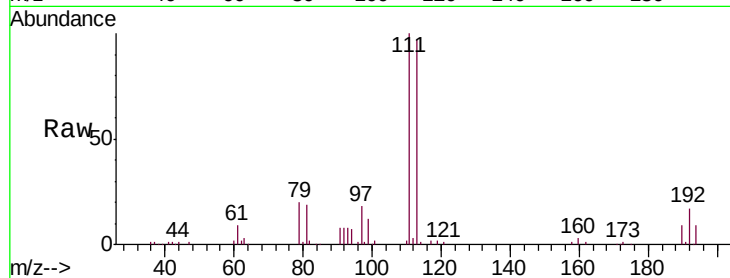
Tgt Ion:113 Resp: 61646

Ion Ratio Lower Upper

113 100

111 102.7 82.2 123.4

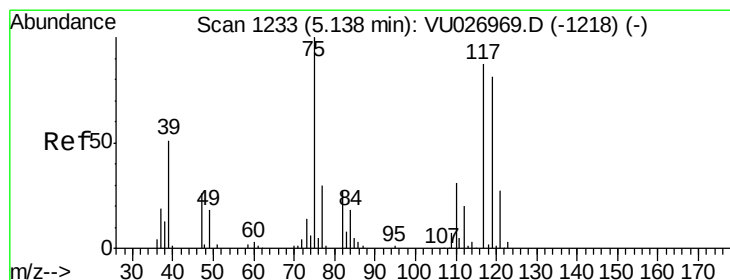
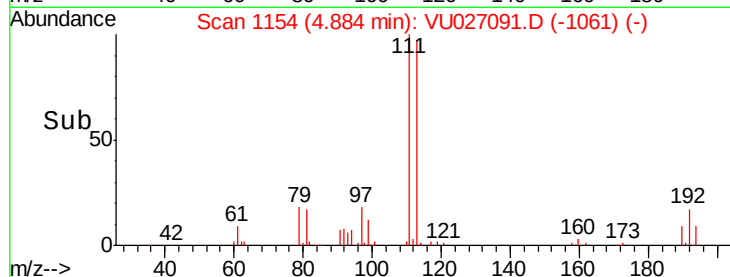
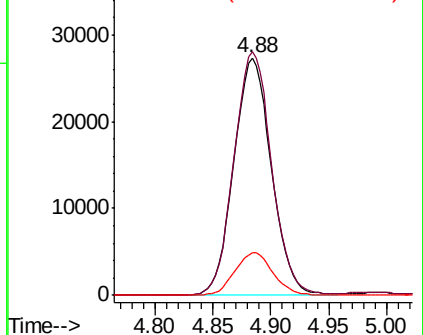
192 18.3 15.2 22.8



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: 50.374 ug/l

RT: 5.14 min Scan# 1233

Delta R.T. 0.00 min

Lab File: VU027091.D

Acq: 23 Sep 2018 22:38

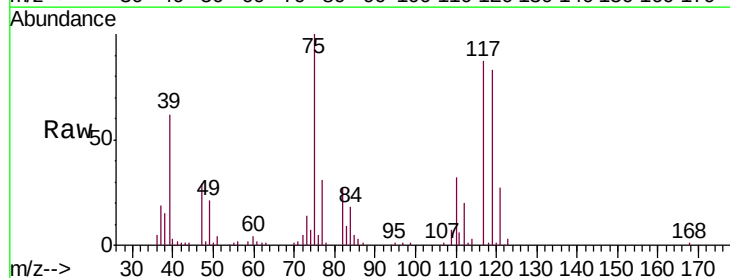
Tgt Ion: 75 Resp: 96918

Ion Ratio Lower Upper

75 100

110 31.3 16.1 48.2

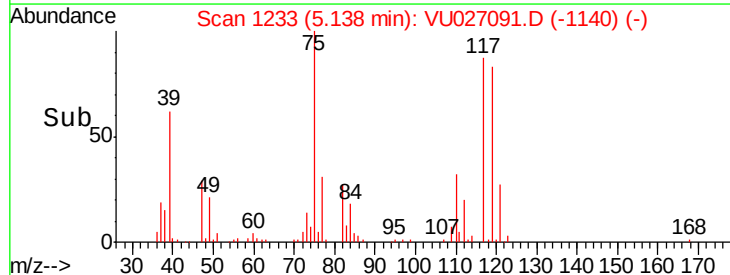
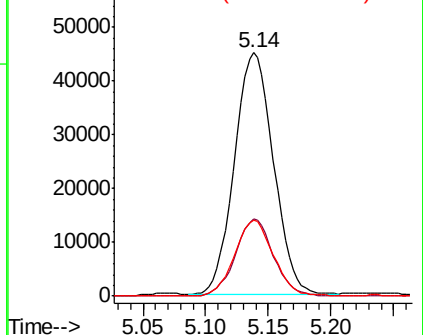
77 31.3 24.6 36.8

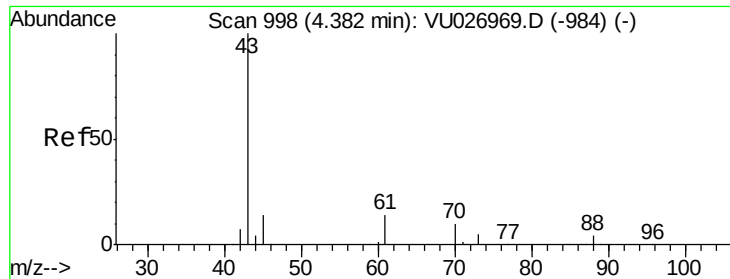


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VU0

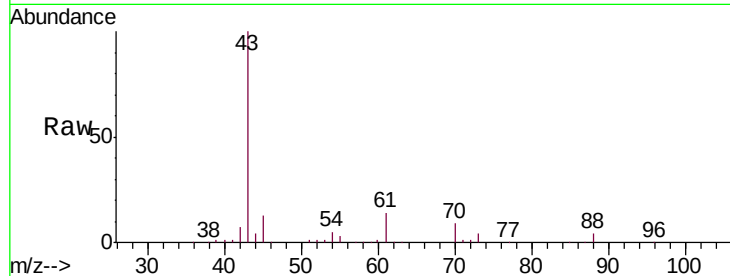




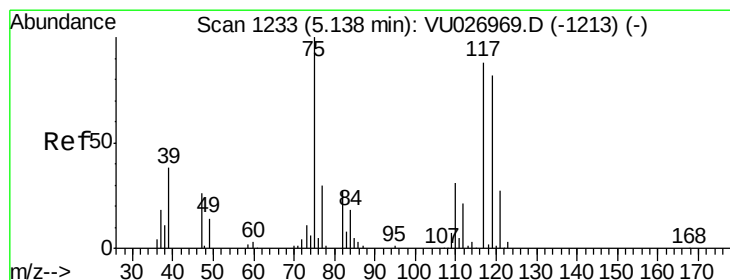
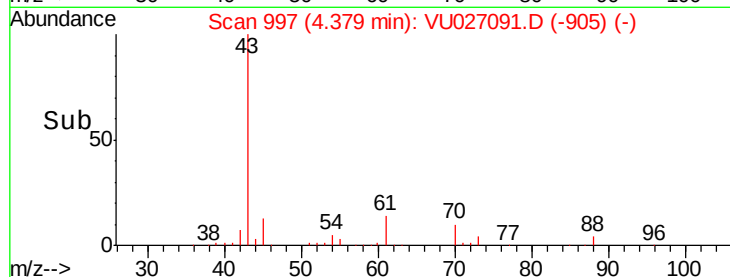
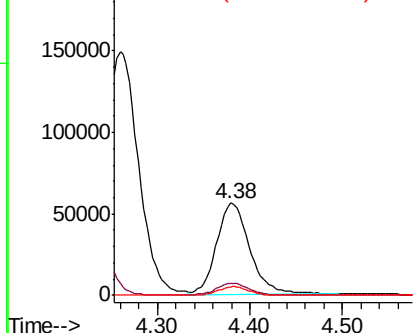
#37
Ethyl Acetate
Concen: 53.086 ug/l
RT: 4.38 min Scan# 997
Delta R.T. -0.00 min
Lab File: VU027091.D
Acq: 23 Sep 2018 22:38

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 138264
Ion Ratio Lower Upper
43 100
61 13.5 10.5 15.7
70 8.8 7.4 11.0

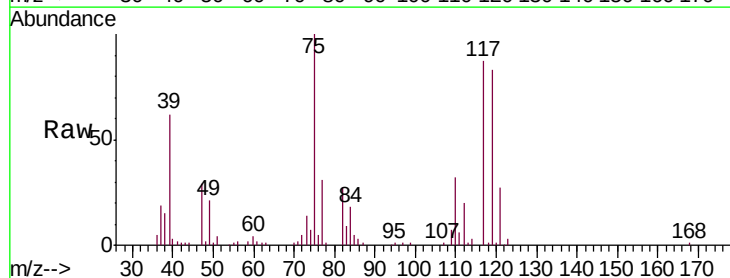


Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 60.90 (60.60 to 61.60): VU0
Ion 70.00 (69.70 to 70.70): VU0

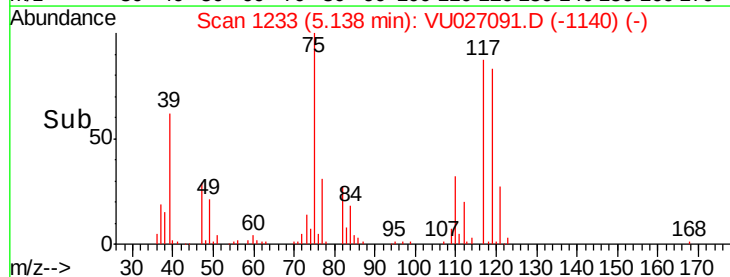
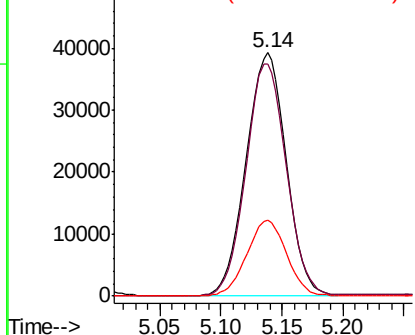


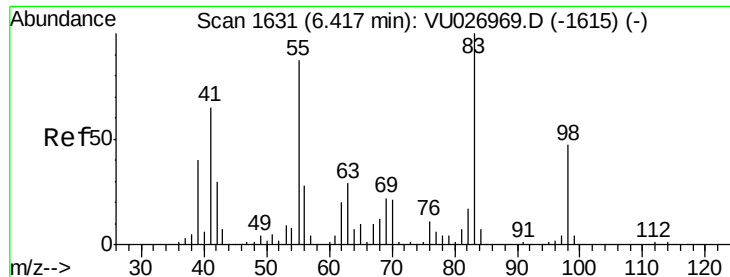
#38
Carbon Tetrachloride
Concen: 48.933 ug/l
RT: 5.14 min Scan# 1233
Delta R.T. 0.00 min
Lab File: VU027091.D
Acq: 23 Sep 2018 22:38

Tgt Ion: 117 Resp: 89592
Ion Ratio Lower Upper
117 100
119 95.5 74.4 111.6
121 31.0 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

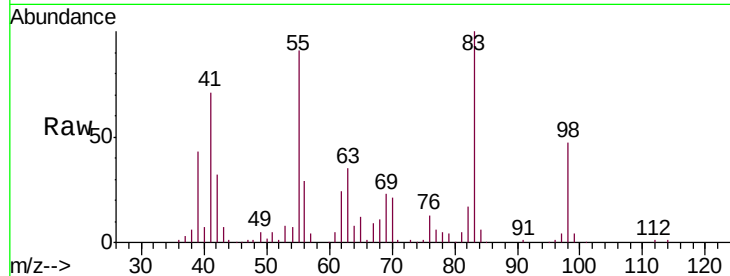




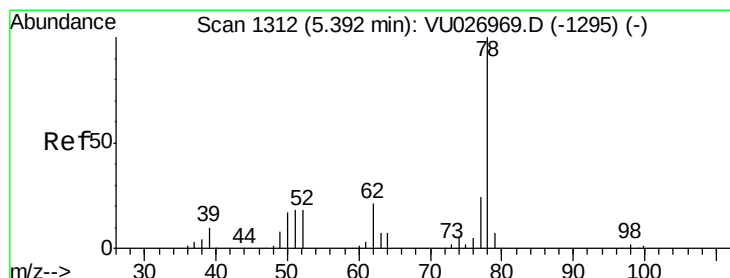
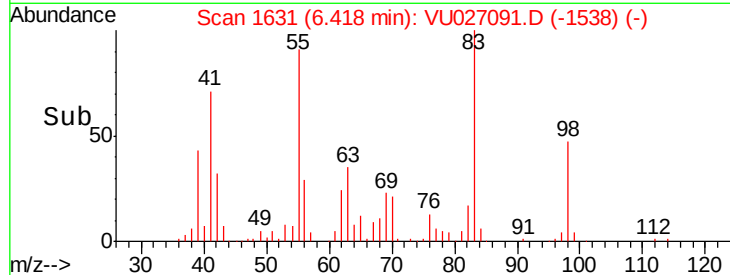
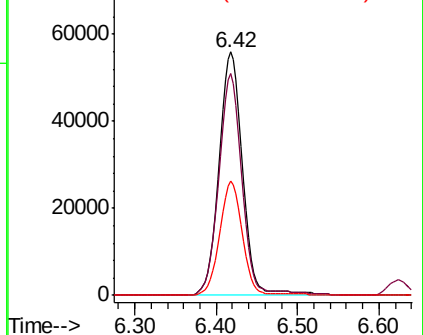
#39
Methylcyclohexane
Concen: 54.745 ug/l
RT: 6.42 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VU027091.D
Acq: 23 Sep 2018 22:38

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 114461
Ion Ratio Lower Upper
83 100
55 91.1 69.9 104.9
98 46.8 37.5 56.3

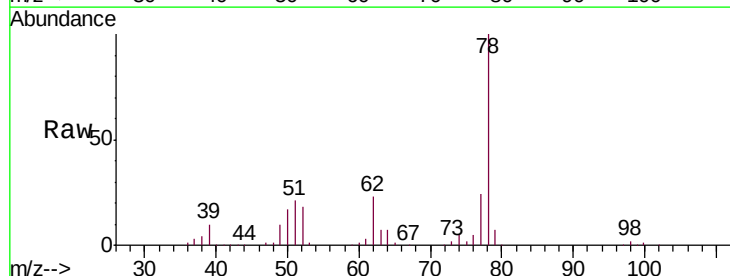


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

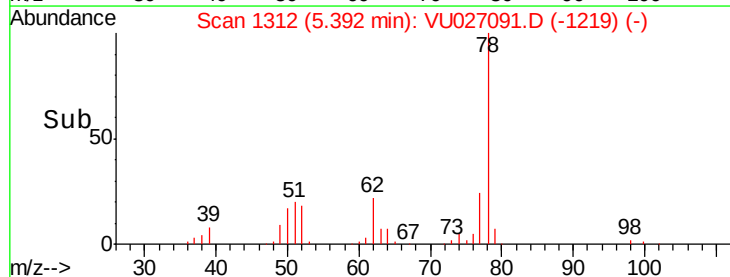
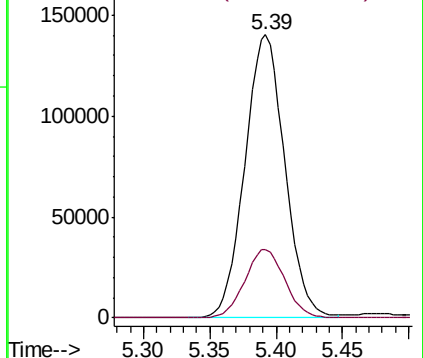


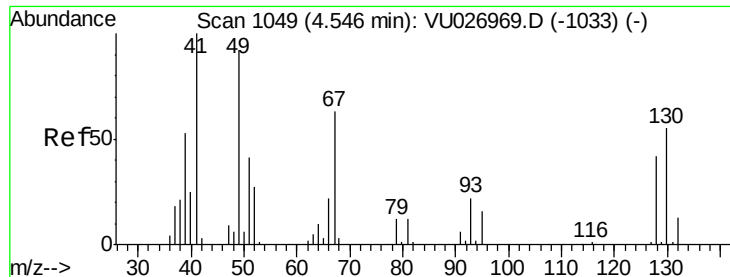
#40
Benzene
Concen: 50.323 ug/l
RT: 5.39 min Scan# 1312
Delta R.T. 0.00 min
Lab File: VU027091.D
Acq: 23 Sep 2018 22:38

Tgt Ion: 78 Resp: 294330
Ion Ratio Lower Upper
78 100
77 24.3 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: 57.396 ug/l

RT: 4.54 min Scan# 1048

Delta R.T. -0.00 min

Lab File: VU027091.D

Acq: 23 Sep 2018 22:38

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 41 Resp: 77637

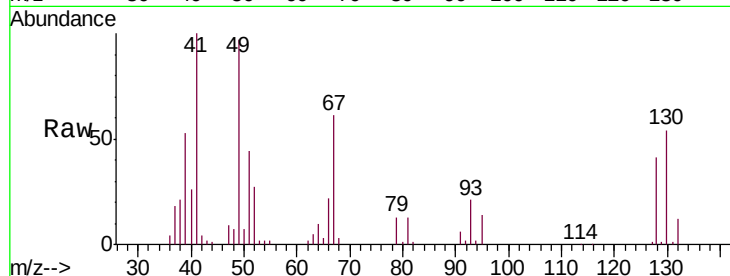
Ion Ratio Lower Upper

41 100

39 53.4 42.9 64.3

67 61.4 52.4 78.6

52 26.7 21.3 31.9

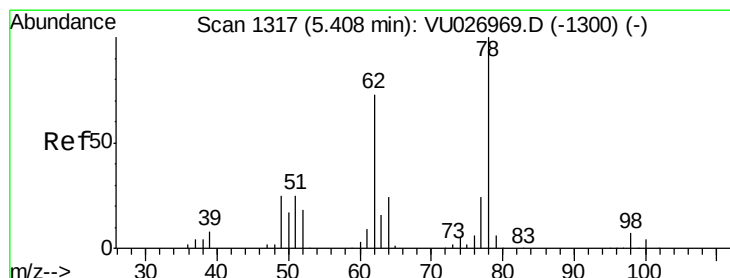
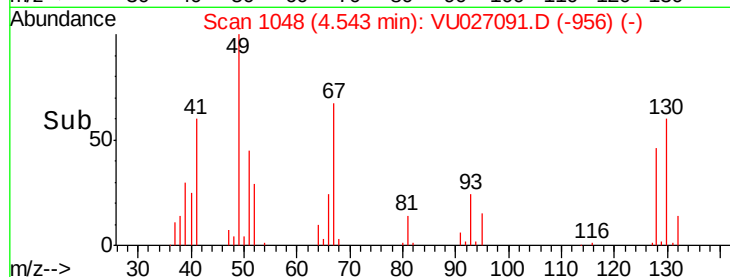
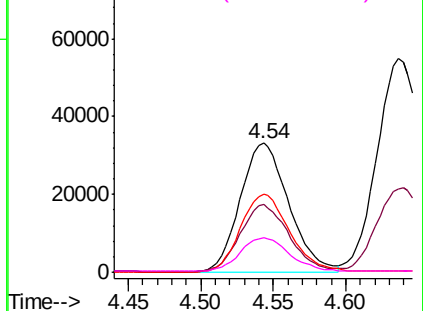


Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

Ion 67.00 (66.70 to 67.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



#42

1,2-Dichloroethane

Concen: 51.508 ug/l

RT: 5.40 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VU027091.D

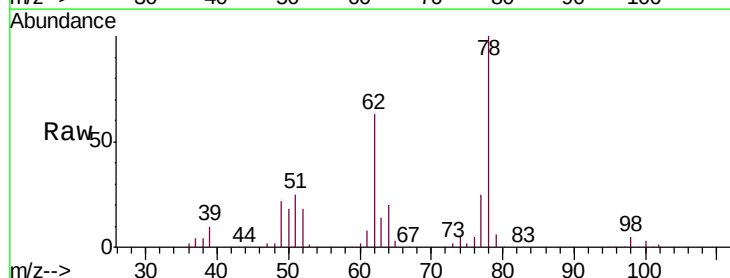
Acq: 23 Sep 2018 22:38

Tgt Ion: 62 Resp: 113821

Ion Ratio Lower Upper

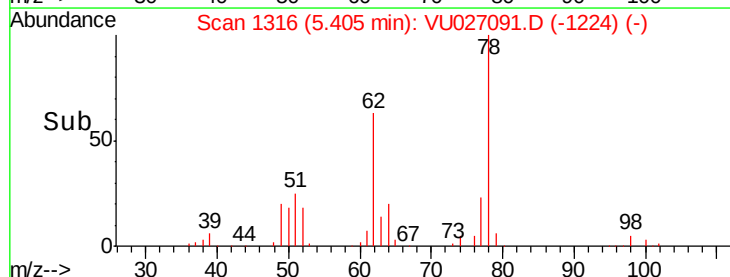
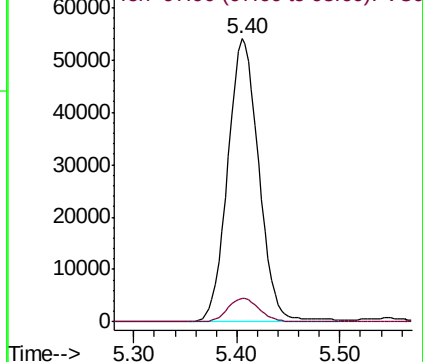
62 100

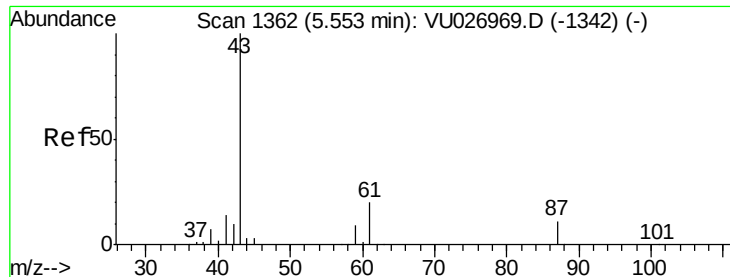
98 8.3 0.0 17.0



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 97.90 (97.60 to 98.60): VU0





#43

Isopropyl Acetate

Concen: 55.517 ug/l

RT: 5.55 min Scan# 1361

Delta R.T. -0.00 min

Lab File: VU027091.D

Acq: 23 Sep 2018 22:38

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

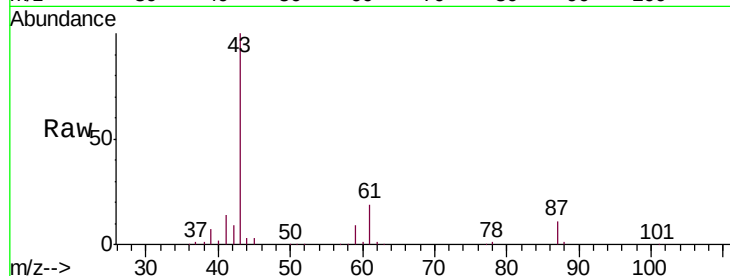
Tgt Ion: 43 Resp: 210874

Ion Ratio Lower Upper

43 100

61 19.1 15.7 23.5

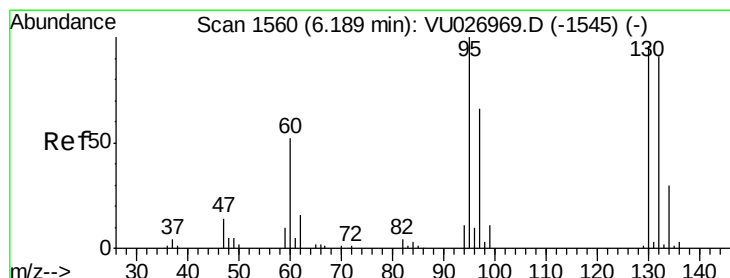
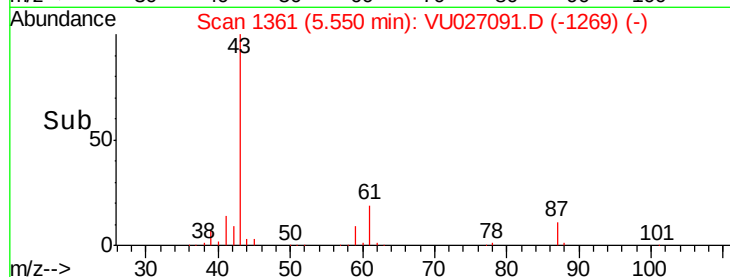
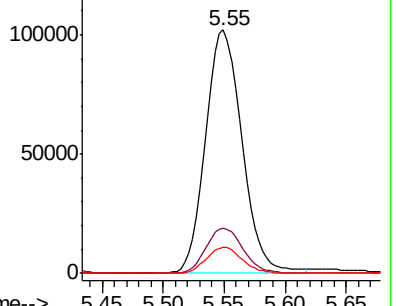
87 10.6 9.0 13.4



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

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

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



#44

Trichloroethene

Concen: 49.070 ug/l

RT: 6.19 min Scan# 1559

Delta R.T. -0.00 min

Lab File: VU027091.D

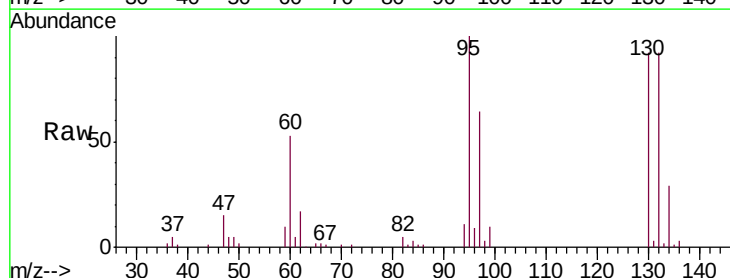
Acq: 23 Sep 2018 22:38

Tgt Ion: 130 Resp: 61100

Ion Ratio Lower Upper

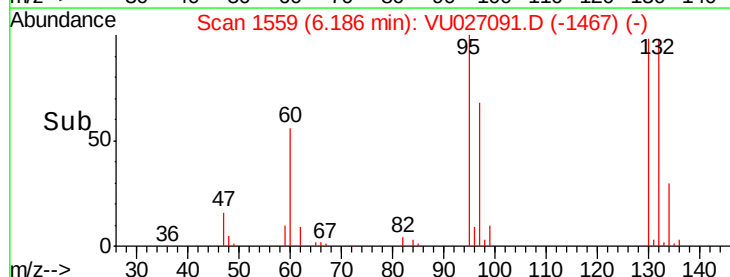
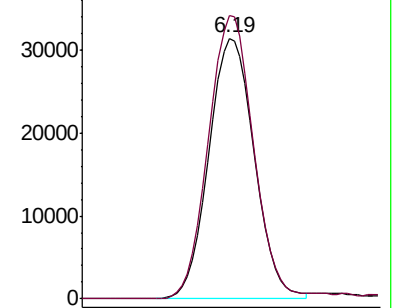
130 100

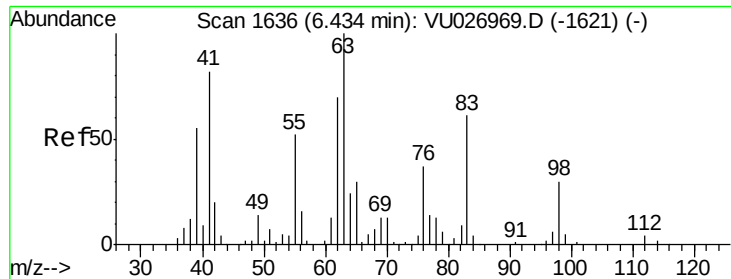
95 108.6 0.0 208.8



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

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

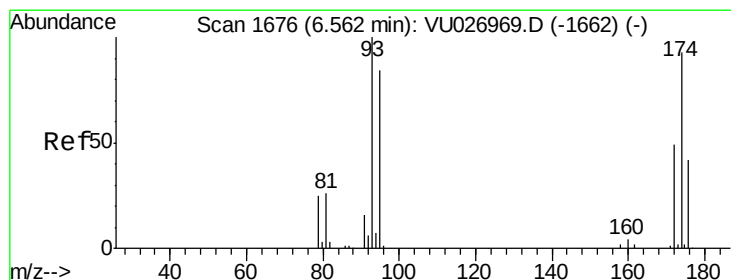
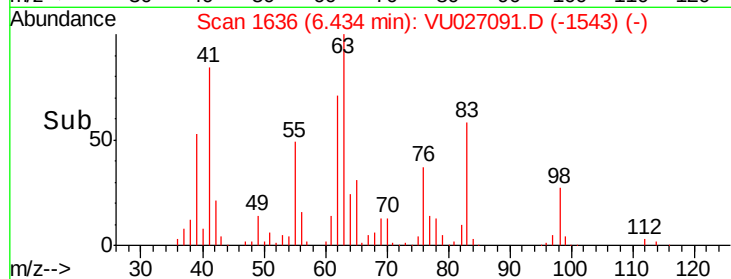
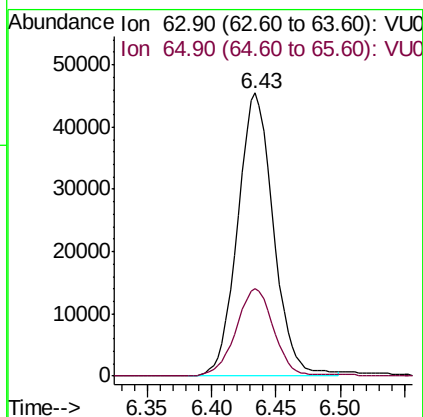
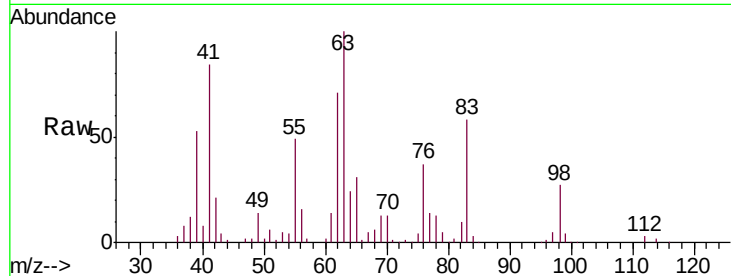




#45
 1,2-Dichloropropane
 Concen: 52.766 ug/l
 RT: 6.43 min Scan# 1636
 Delta R.T. 0.00 min
 Lab File: VU027091.D
 Acq: 23 Sep 2018 22:38

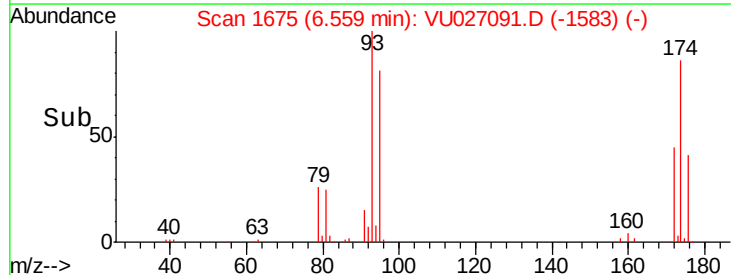
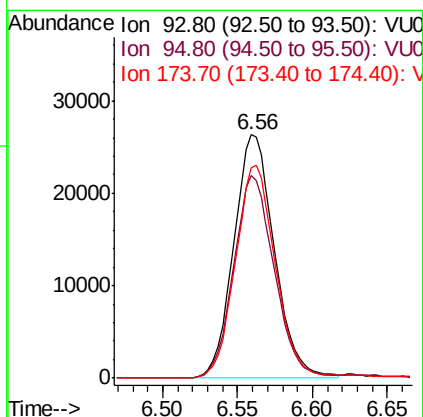
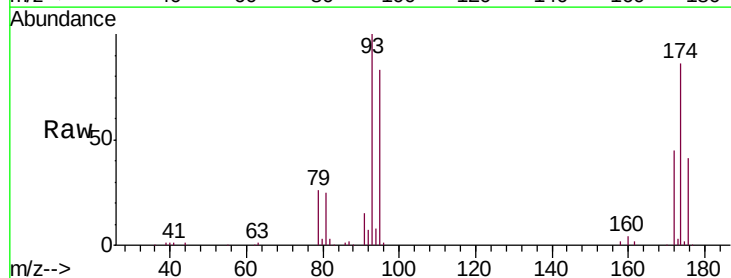
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

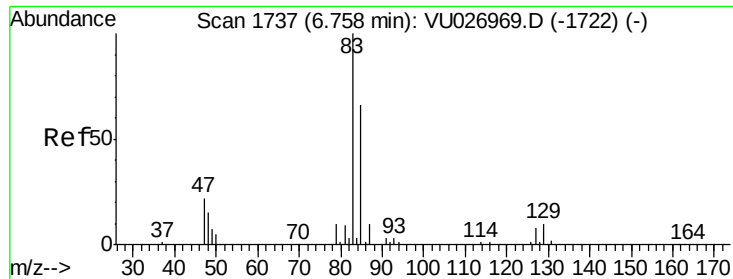
Tgt Ion: 63 Resp: 87935
 Ion Ratio Lower Upper
 63 100
 65 31.1 24.3 36.5



#46
 Dibromomethane
 Concen: 49.367 ug/l
 RT: 6.56 min Scan# 1675
 Delta R.T. -0.00 min
 Lab File: VU027091.D
 Acq: 23 Sep 2018 22:38

Tgt Ion: 93 Resp: 49688
 Ion Ratio Lower Upper
 93 100
 95 83.4 66.2 99.4
 174 87.6 71.7 107.5

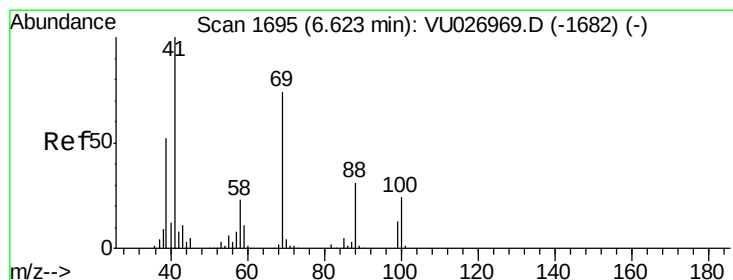
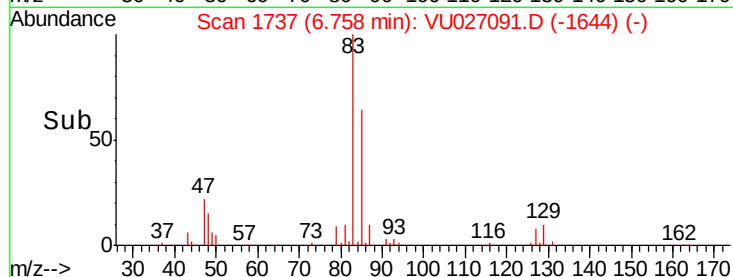
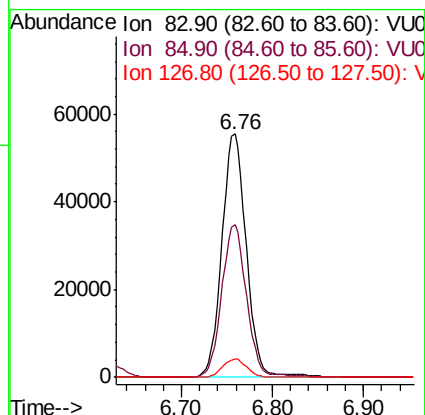
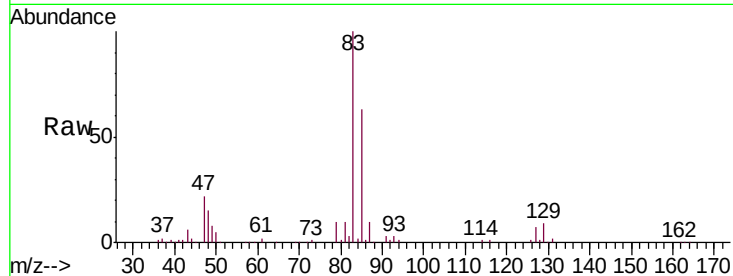




#47
 Bromodichloromethane
 Concen: 50.874 ug/l
 RT: 6.76 min Scan# 1737
 Delta R.T. 0.00 min
 Lab File: VU027091.D
 Acq: 23 Sep 2018 22:38

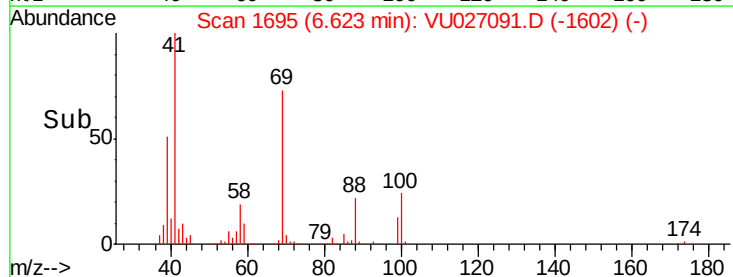
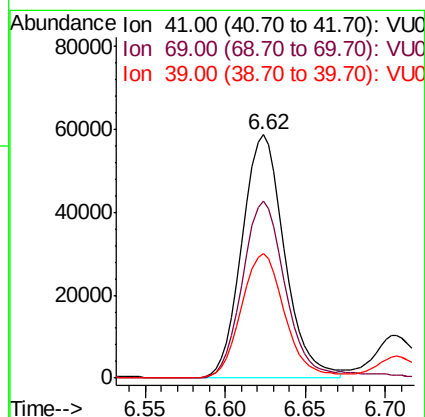
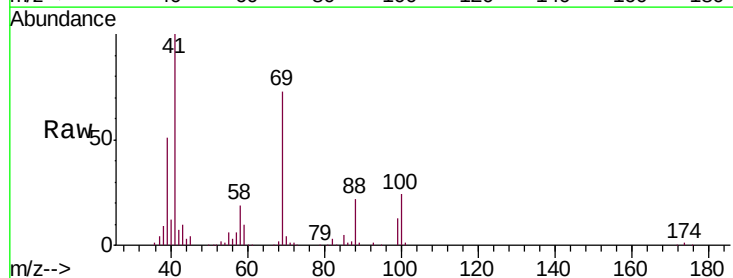
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

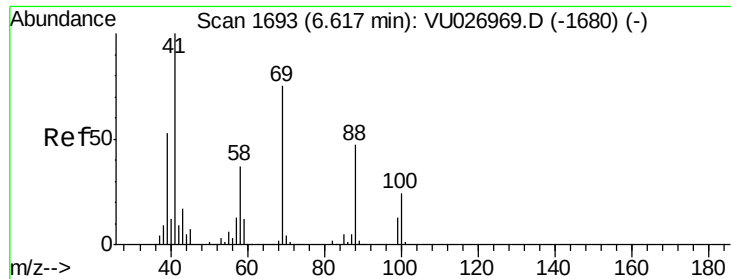
Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.8	52.5	78.7
127	7.4	6.3	9.5



#48
 Methyl methacrylate
 Concen: 51.481 ug/l
 RT: 6.62 min Scan# 1695
 Delta R.T. 0.00 min
 Lab File: VU027091.D
 Acq: 23 Sep 2018 22:38

Tgt Ion	Ratio	Lower	Upper
41	100		
69	75.9	60.6	90.8
39	52.9	42.8	64.2

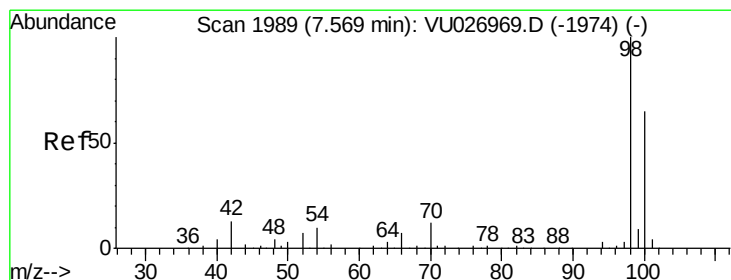
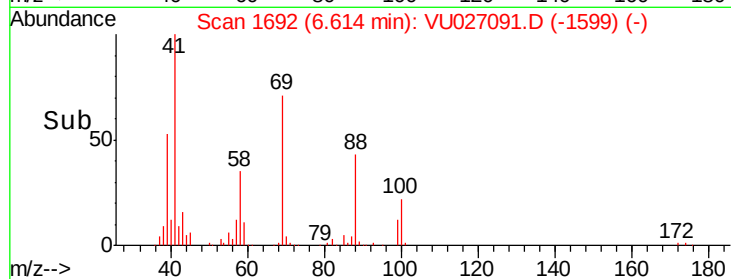
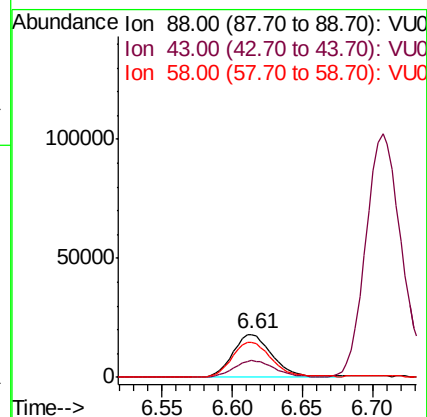
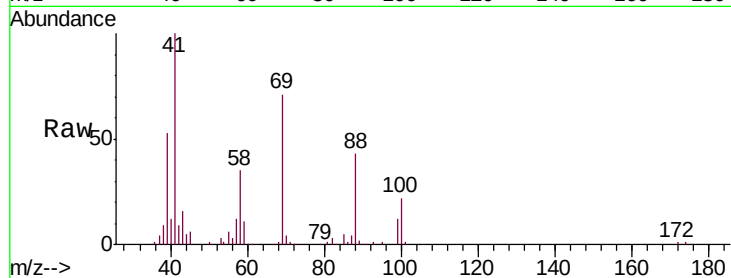




#49
1,4-Dioxane
Concen: 854.918 ug/l
RT: 6.61 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VU027091.D
Acq: 23 Sep 2018 22:38

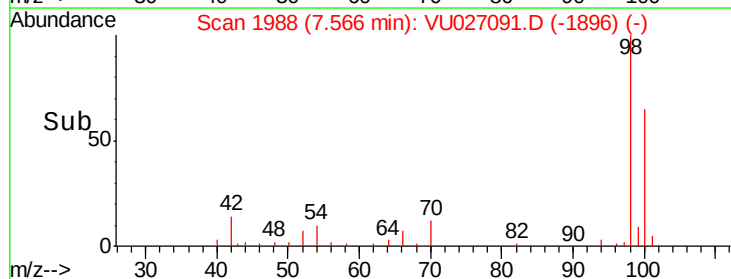
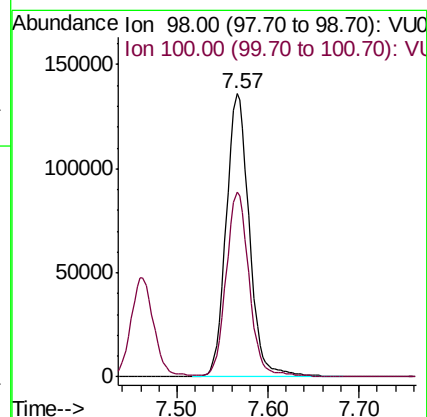
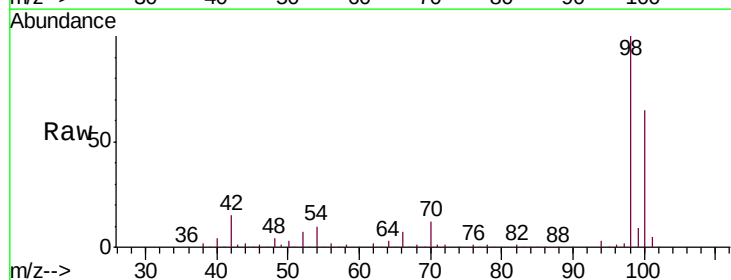
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

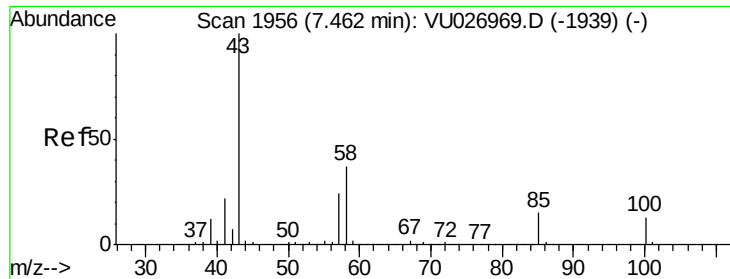
Tgt Ion: 88 Resp: 35111
Ion Ratio Lower Upper
88 100
43 41.0 29.8 44.8
58 84.3 63.9 95.9



#50
Toluene-d8
Concen: 50.590 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VU027091.D
Acq: 23 Sep 2018 22:38

Tgt Ion: 98 Resp: 240919
Ion Ratio Lower Upper
98 100
100 64.9 52.1 78.1





#51

4-Methyl-2-Pentanone

Concen: 279.878 ug/l

RT: 7.46 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VU027091.D

Acq: 23 Sep 2018 22:38

Instrument :

MSVOA_U

ClientSampleId :

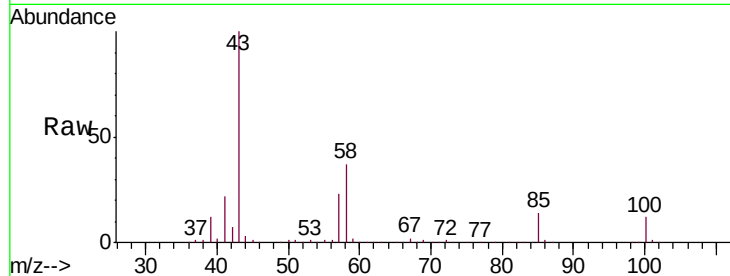
VSTDCCC050EC

Tgt Ion: 43 Resp: 714987

Ion Ratio Lower Upper

43 100

58 36.9 29.8 44.6



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

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

7.46

400000

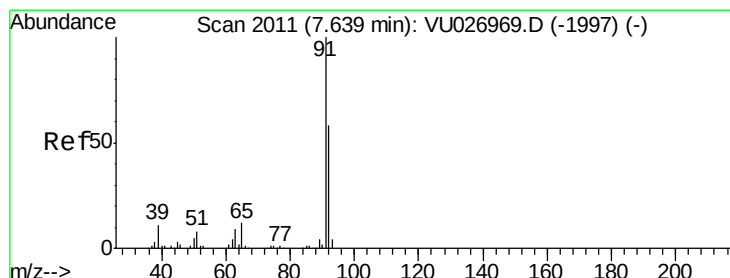
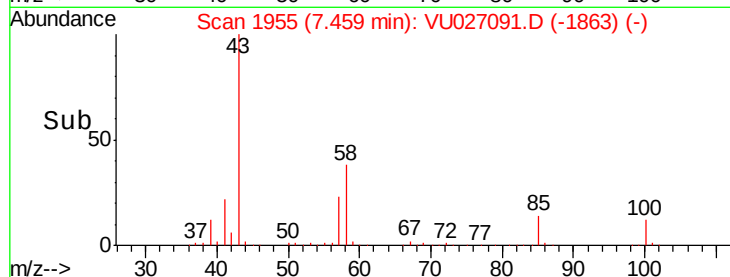
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 53.205 ug/l

RT: 7.64 min Scan# 2010

Delta R.T. -0.00 min

Lab File: VU027091.D

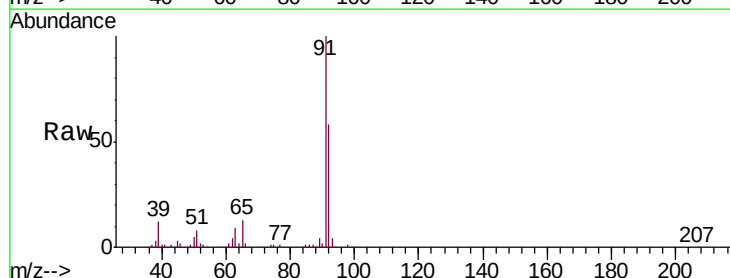
Acq: 23 Sep 2018 22:38

Tgt Ion: 92 Resp: 178370

Ion Ratio Lower Upper

92 100

91 172.4 136.4 204.6



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

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

200000

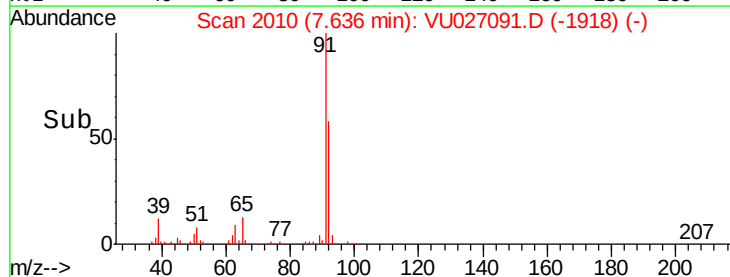
150000

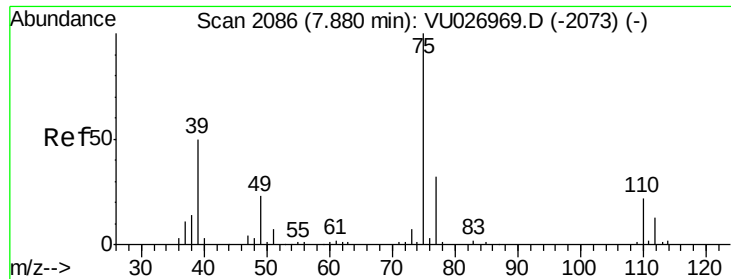
100000

50000

0

Time-->

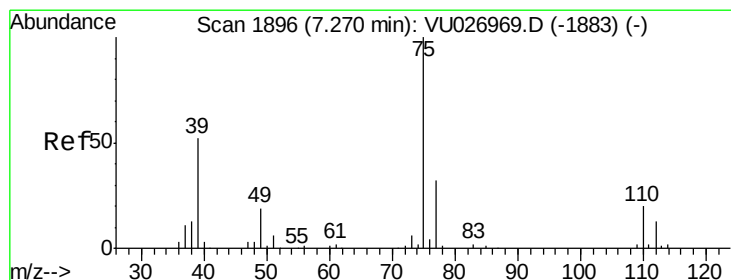
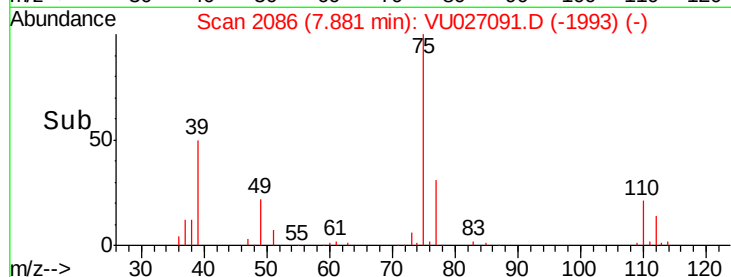
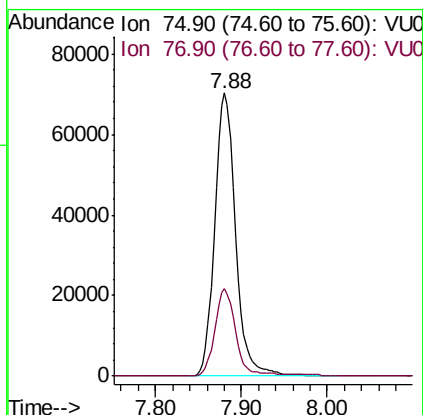
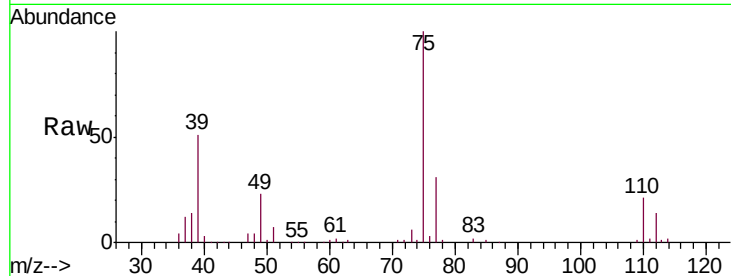




#53
 t-1,3-Dichloropropene
 Concen: 54.493 ug/l
 RT: 7.88 min Scan# 2086
 Delta R.T. 0.00 min
 Lab File: VU027091.D
 Acq: 23 Sep 2018 22:38

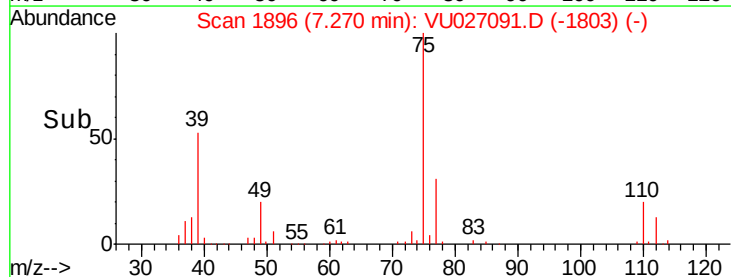
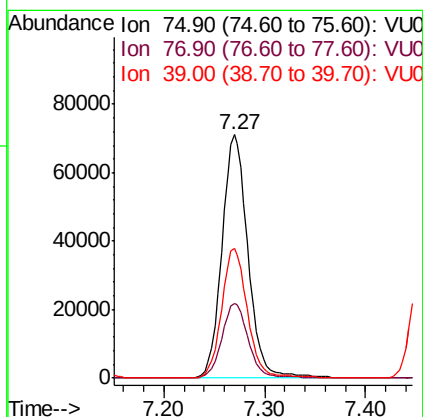
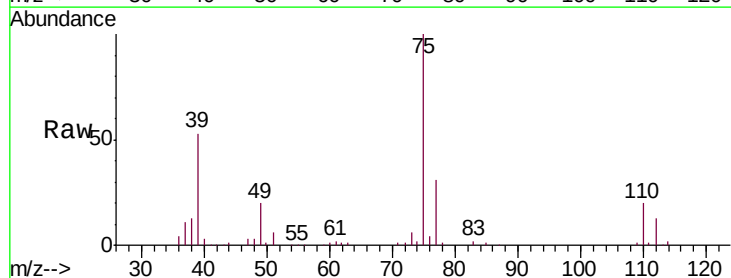
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

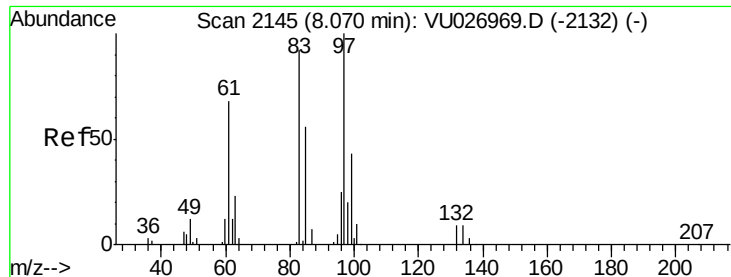
Tgt Ion: 75 Resp: 119156
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 53.216 ug/l
 RT: 7.27 min Scan# 1896
 Delta R.T. 0.00 min
 Lab File: VU027091.D
 Acq: 23 Sep 2018 22:38

Tgt Ion: 75 Resp: 127944
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.4 38.0
 39 53.5 41.6 62.4

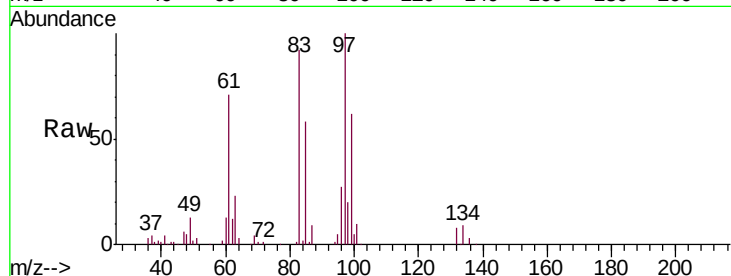




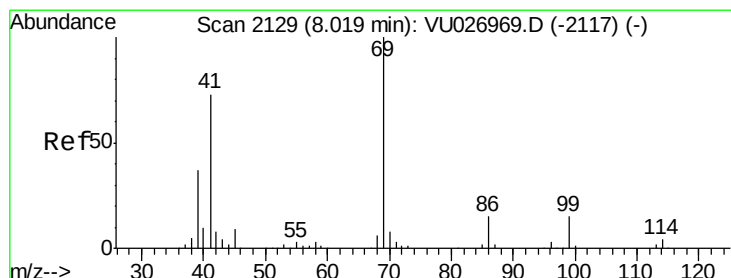
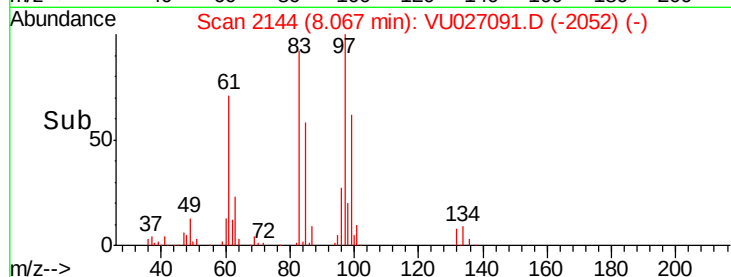
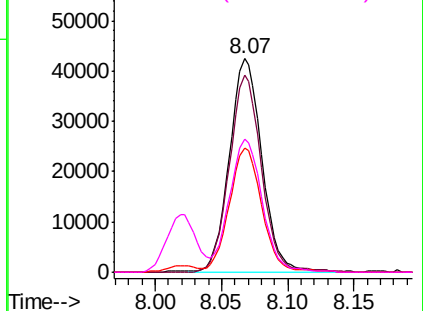
#55
 1,1,2-Trichloroethane
 Concen: 50.633 ug/l
 RT: 8.07 min Scan# 2144
 Delta R.T. -0.00 min
 Lab File: VU027091.D
 Acq: 23 Sep 2018 22:38

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:	97	Resp:	71926
Ion	Ratio	Lower	Upper
97	100		
83	92.6	73.1	109.7
85	58.3	46.7	70.1
99	61.9	50.0	75.0

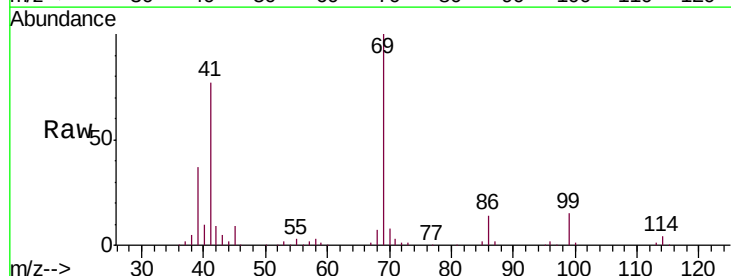


Abundance Ion 96.90 (96.60 to 97.60): VU0
 Ion 82.90 (82.60 to 83.60): VU0
 Ion 84.90 (84.60 to 85.60): VU0
 Ion 98.90 (98.60 to 99.60): VU0

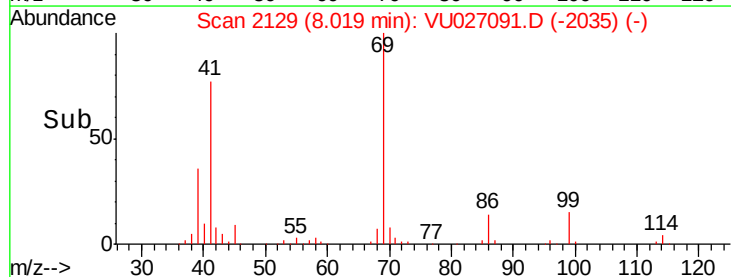
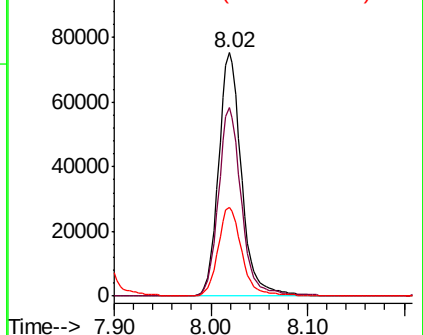


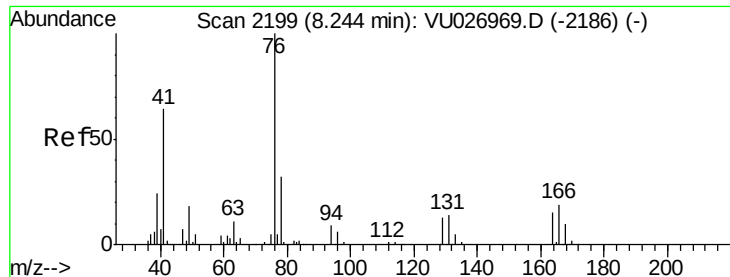
#56
 Ethyl methacrylate
 Concen: 50.179 ug/l
 RT: 8.02 min Scan# 2129
 Delta R.T. 0.00 min
 Lab File: VU027091.D
 Acq: 23 Sep 2018 22:38

Tgt Ion:	69	Resp:	123701
Ion	Ratio	Lower	Upper
69	100		
41	78.2	59.0	88.4
39	38.2	30.2	45.4



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

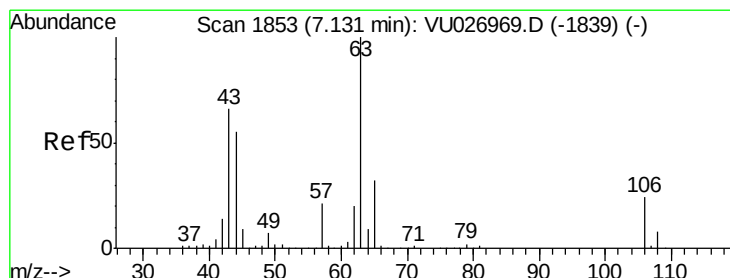
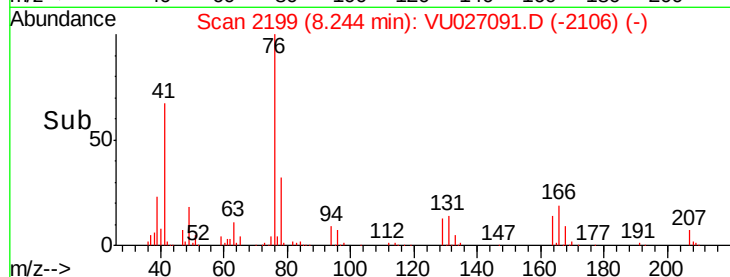
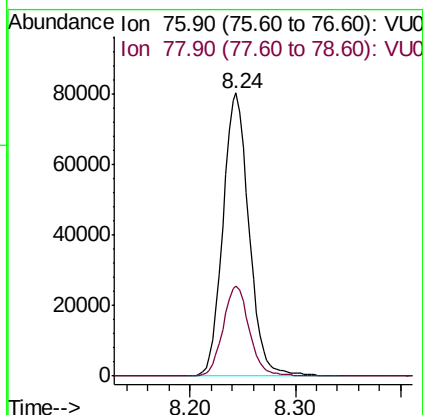
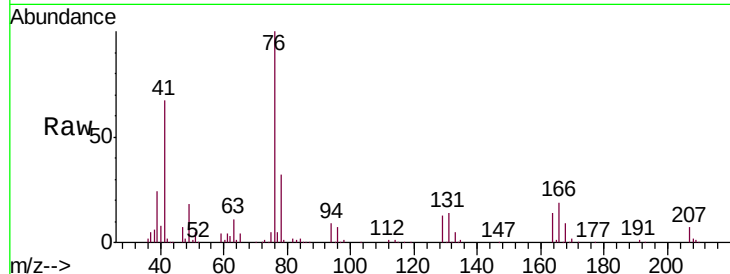




#57
 1,3-Dichloropropane
 Concen: 52.004 ug/l
 RT: 8.24 min Scan# 2199
 Delta R.T. 0.00 min
 Lab File: VU027091.D
 Acq: 23 Sep 2018 22:38

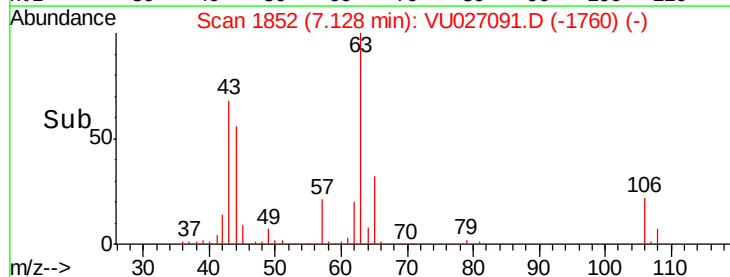
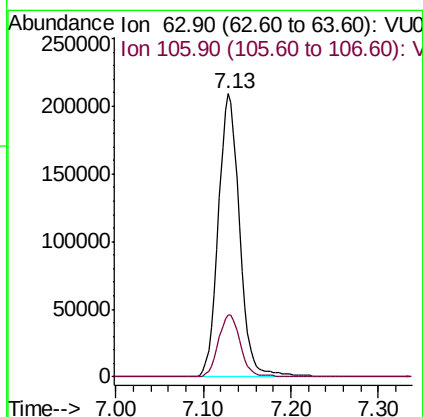
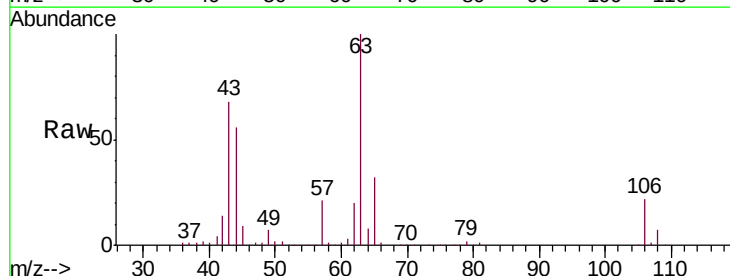
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

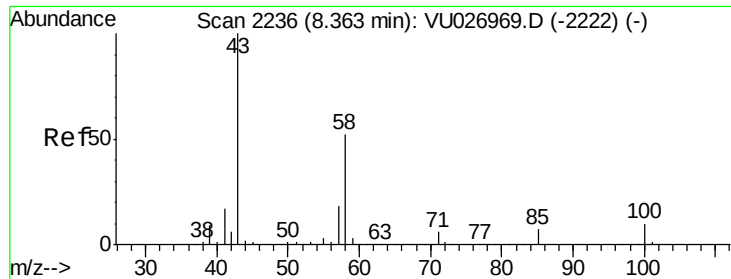
Tgt Ion: 76 Resp: 137400
 Ion Ratio Lower Upper
 76 100
 78 31.8 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 253.514 ug/l
 RT: 7.13 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VU027091.D
 Acq: 23 Sep 2018 22:38

Tgt Ion: 63 Resp: 354717
 Ion Ratio Lower Upper
 63 100
 106 22.8 18.7 28.1

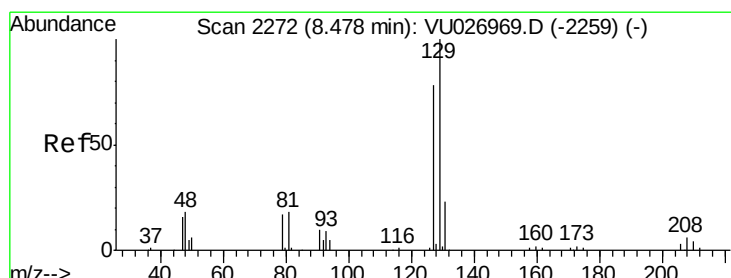
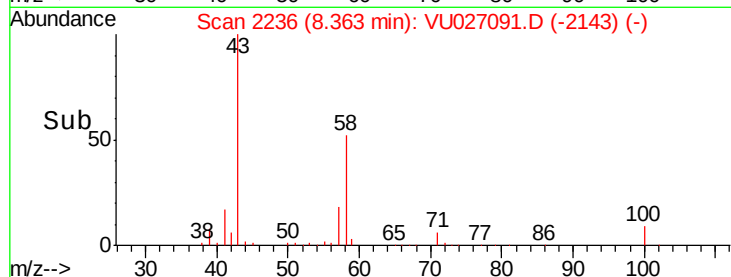
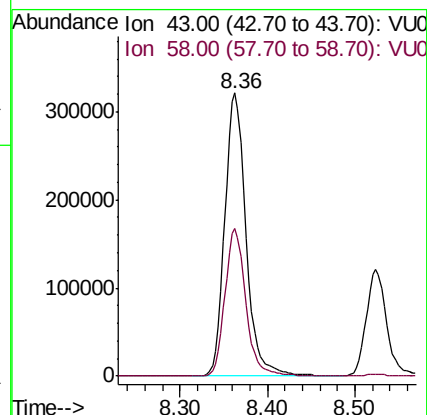
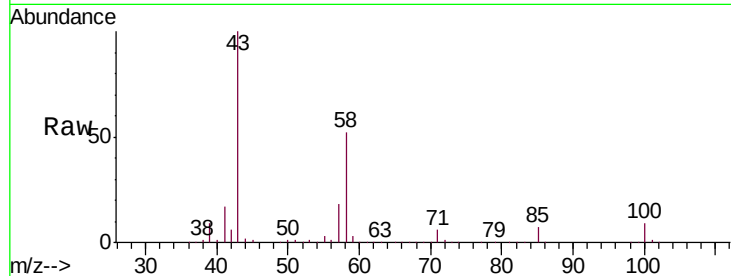




#59
2-Hexanone
Concen: 271.238 ug/l
RT: 8.36 min Scan# 2236
Delta R.T. 0.00 min
Lab File: VU027091.D
Acq: 23 Sep 2018 22:38

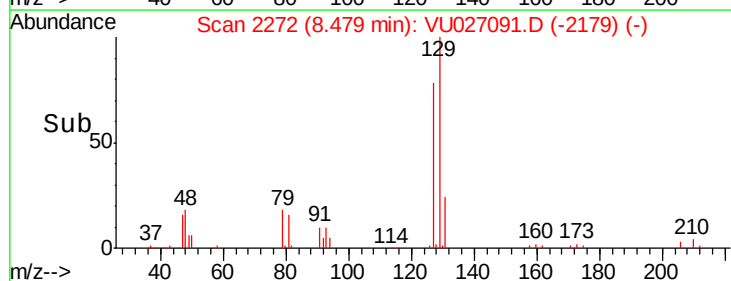
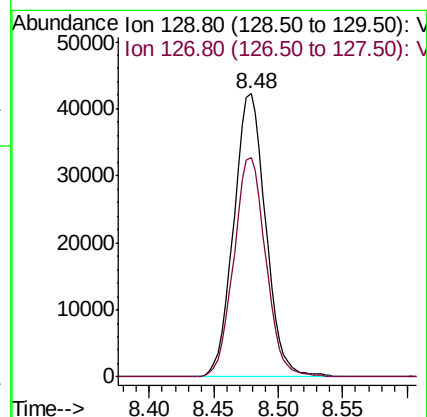
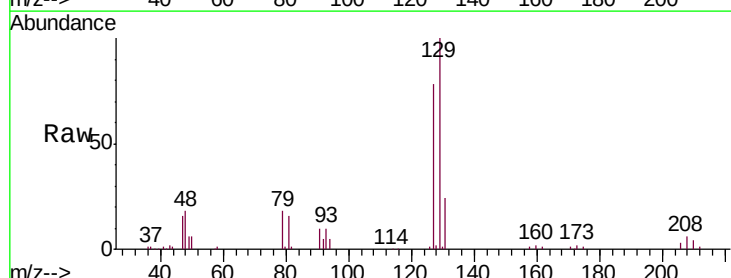
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

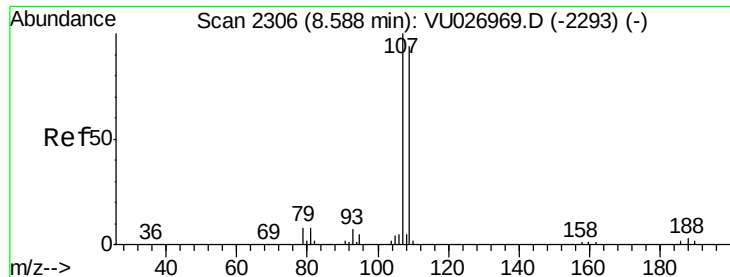
Tgt Ion: 43 Resp: 542399
Ion Ratio Lower Upper
43 100
58 51.2 26.1 78.2



#60
Dibromochloromethane
Concen: 52.317 ug/l
RT: 8.48 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VU027091.D
Acq: 23 Sep 2018 22:38

Tgt Ion: 129 Resp: 72899
Ion Ratio Lower Upper
129 100
127 77.4 38.1 114.5

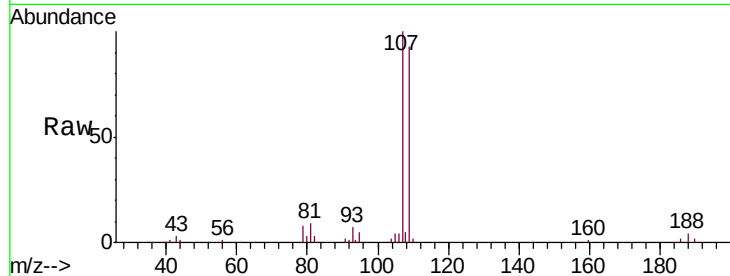




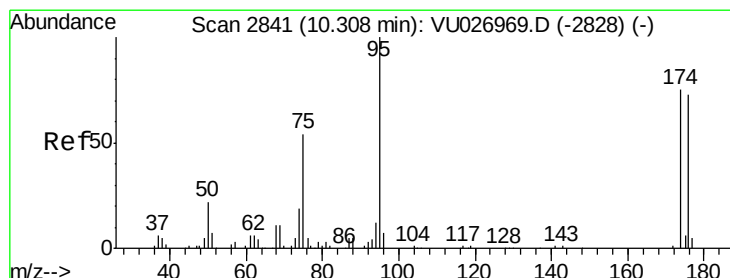
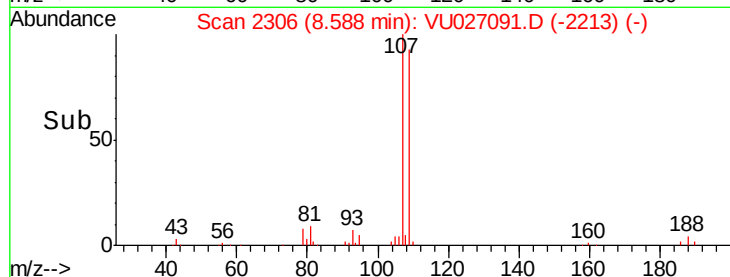
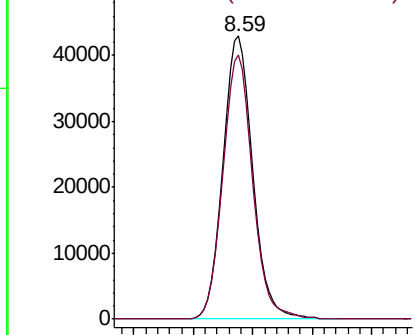
#61
 1,2-Dibromoethane
 Concen: 50.383 ug/l
 RT: 8.59 min Scan# 2306
 Delta R.T. 0.00 min
 Lab File: VU027091.D
 Acq: 23 Sep 2018 22:38

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 107 Resp: 74468
 Ion Ratio Lower Upper
 107 100
 109 93.6 75.0 112.6

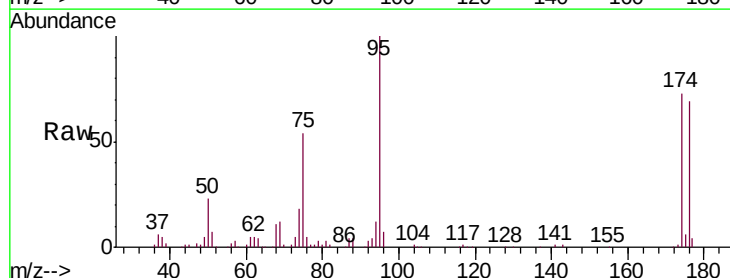


Abundance Ion 106.90 (106.60 to 107.60): V
 Ion 108.80 (108.50 to 109.50): V

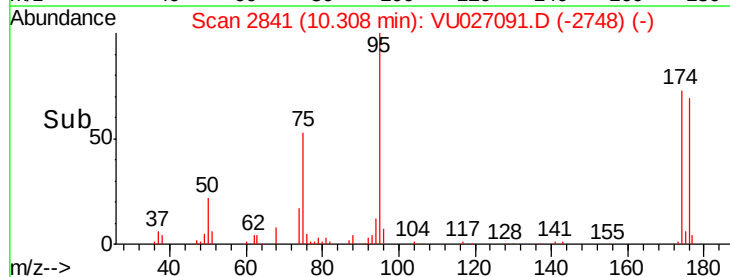
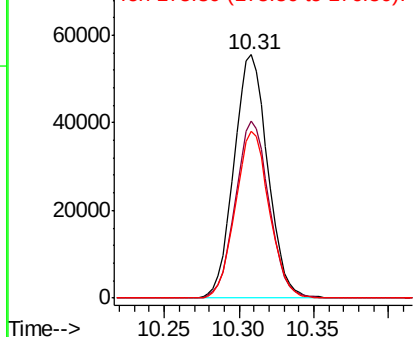


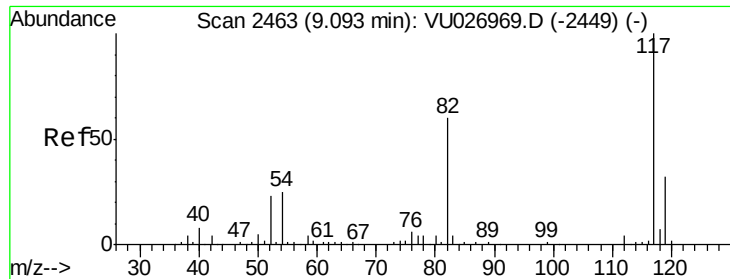
#62
 4-Bromofluorobenzene
 Concen: 53.532 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. 0.00 min
 Lab File: VU027091.D
 Acq: 23 Sep 2018 22:38

Tgt Ion: 95 Resp: 87473
 Ion Ratio Lower Upper
 95 100
 174 72.2 0.0 150.2
 176 68.7 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

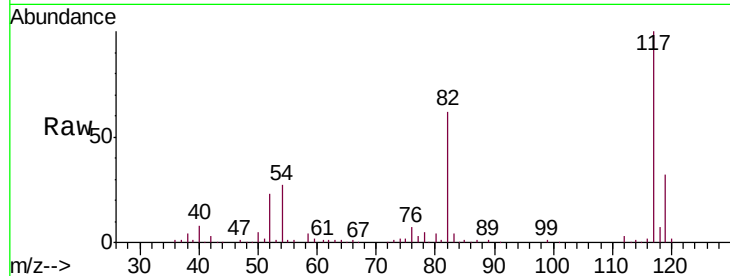




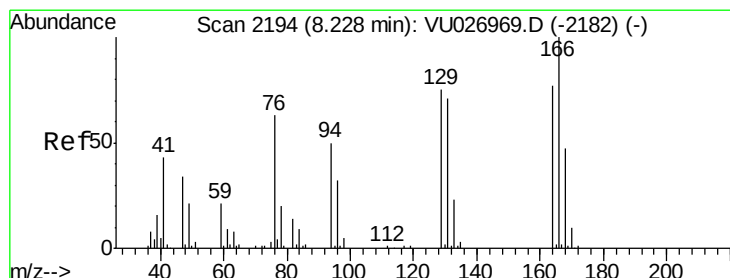
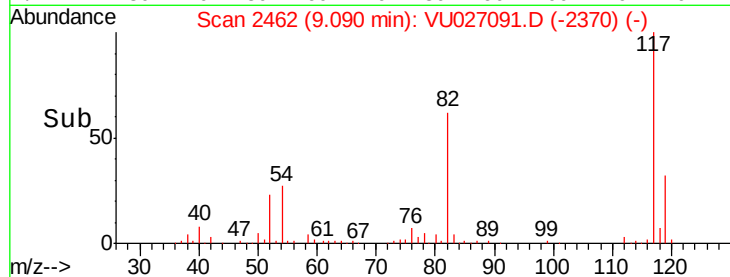
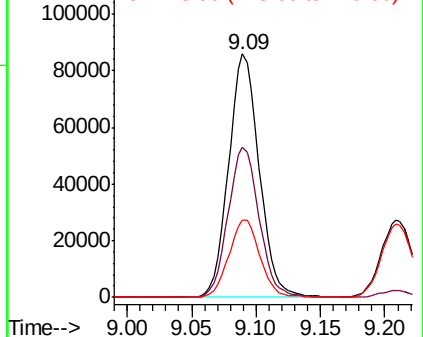
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU027091.D
Acq: 23 Sep 2018 22:38

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion:117 Resp: 141419
Ion Ratio Lower Upper
117 100
82 61.9 48.0 72.0
119 31.5 25.8 38.8

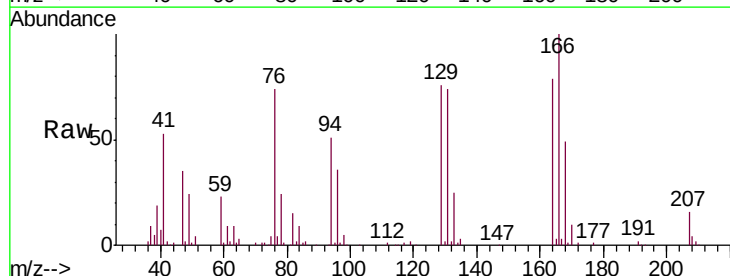


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

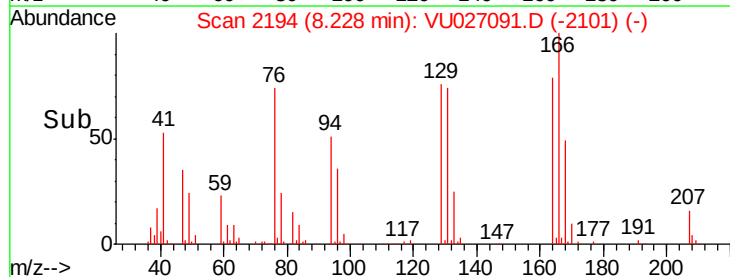
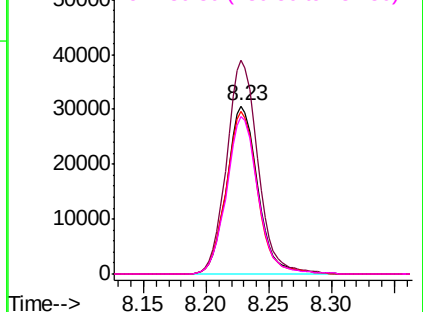


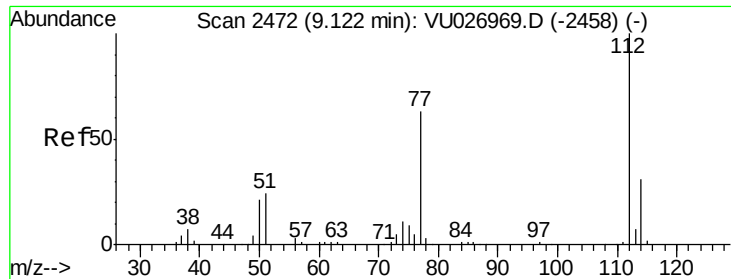
#64
Tetrachloroethene
Concen: 48.407 ug/l
RT: 8.23 min Scan# 2194
Delta R.T. 0.00 min
Lab File: VU027091.D
Acq: 23 Sep 2018 22:38

Tgt Ion:164 Resp: 52751
Ion Ratio Lower Upper
164 100
166 127.0 104.4 156.6
129 96.5 78.7 118.1
131 94.0 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

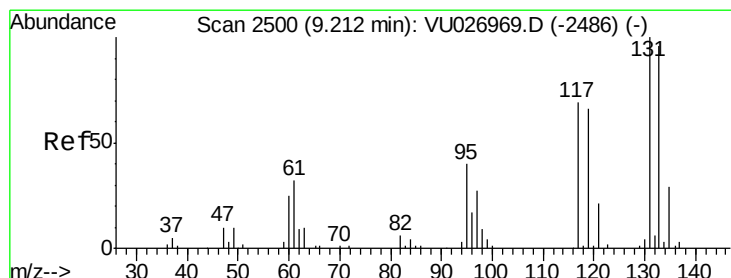
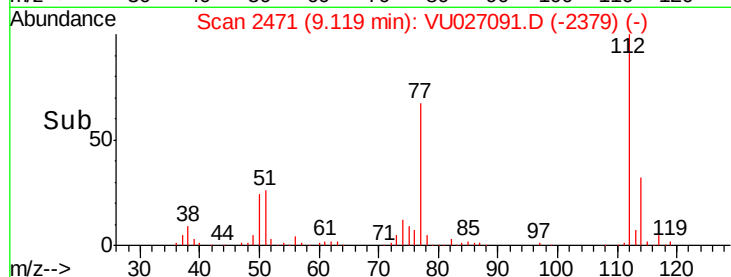
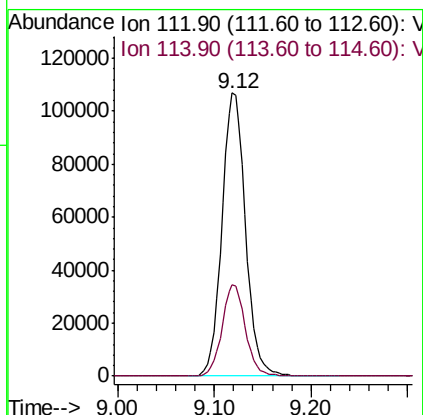
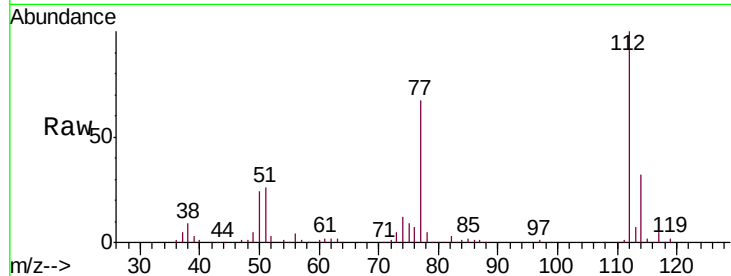




#65
Chlorobenzene
Concen: 48.178 ug/l
RT: 9.12 min Scan# 2471
Delta R.T. -0.00 min
Lab File: VU027091.D
Acq: 23 Sep 2018 22:38

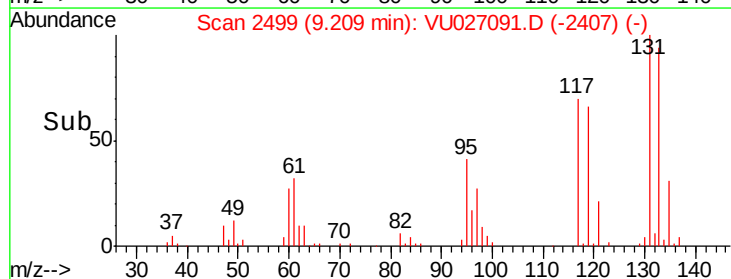
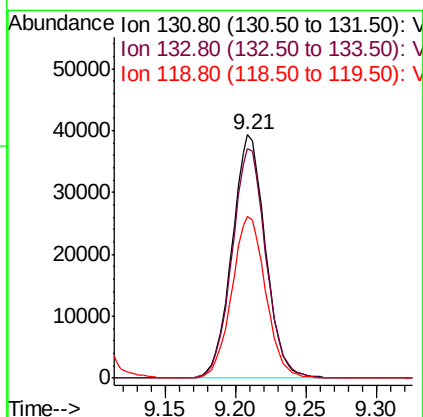
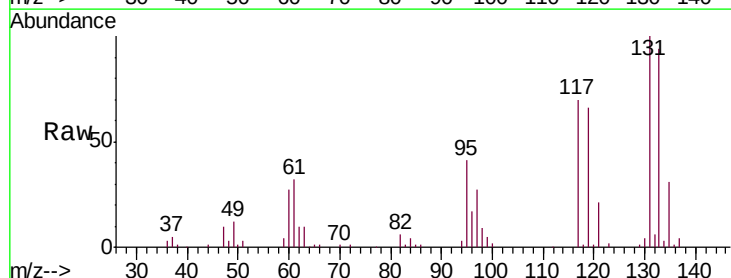
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

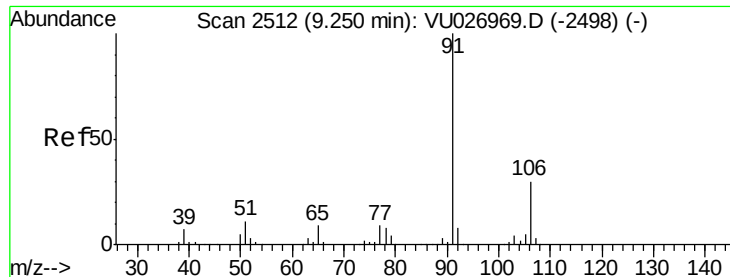
Tgt Ion:112 Resp: 180654
Ion Ratio Lower Upper
112 100
114 32.4 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 50.518 ug/l
RT: 9.21 min Scan# 2499
Delta R.T. -0.00 min
Lab File: VU027091.D
Acq: 23 Sep 2018 22:38

Tgt Ion:131 Resp: 65246
Ion Ratio Lower Upper
131 100
133 95.4 48.0 144.2
119 67.2 33.4 100.1

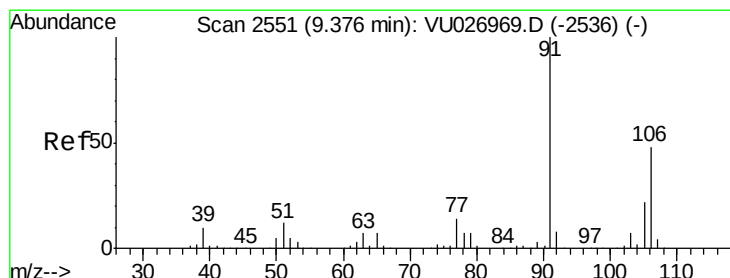
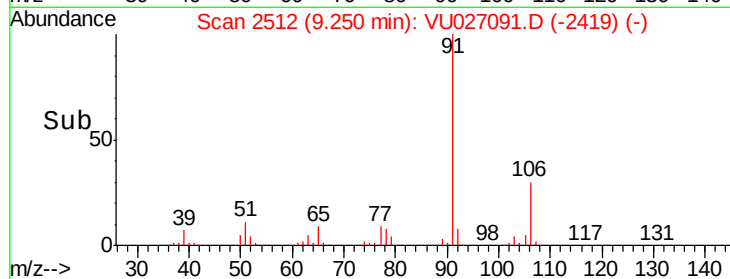
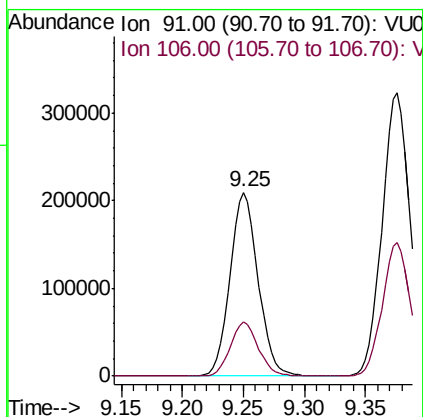
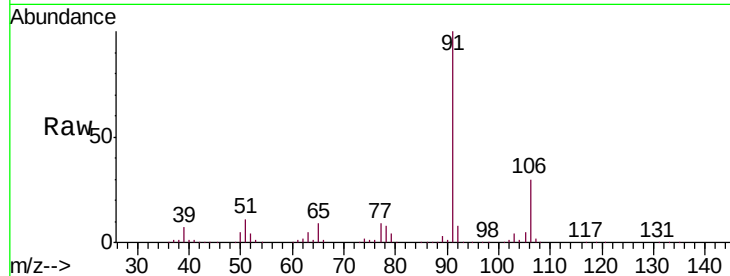




#67
Ethyl Benzene
Concen: 54.572 ug/l
RT: 9.25 min Scan# 2512
Delta R.T. 0.00 min
Lab File: VU027091.D
Acq: 23 Sep 2018 22:38

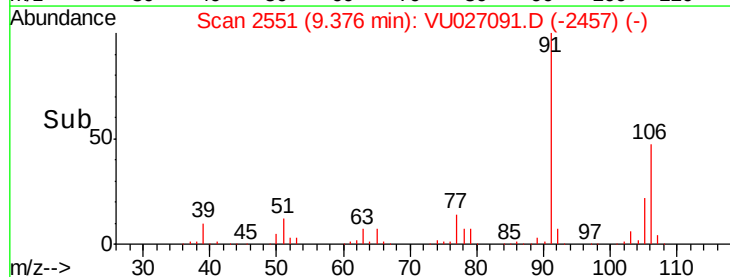
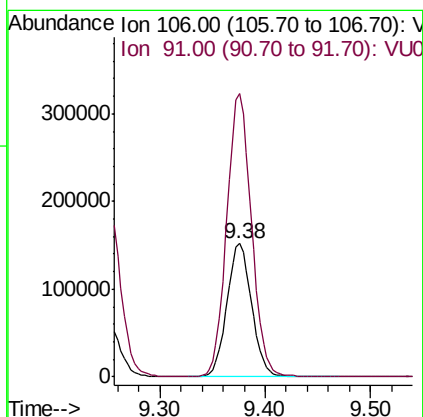
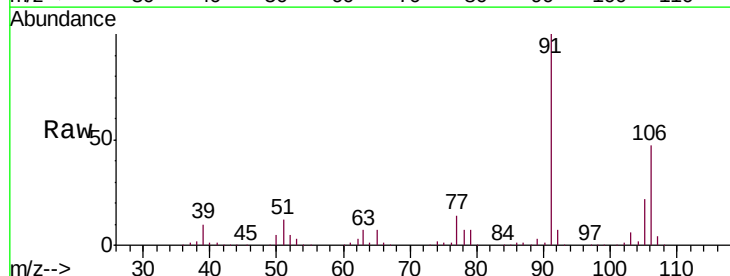
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

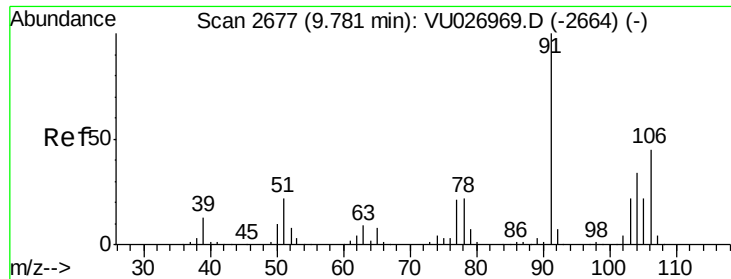
Tgt Ion: 91 Resp: 336493
Ion Ratio Lower Upper
91 100
106 29.6 23.8 35.8



#68
m/p-Xylenes
Concen: 98.914 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. 0.00 min
Lab File: VU027091.D
Acq: 23 Sep 2018 22:38

Tgt Ion: 106 Resp: 246961
Ion Ratio Lower Upper
106 100
91 212.1 166.5 249.7

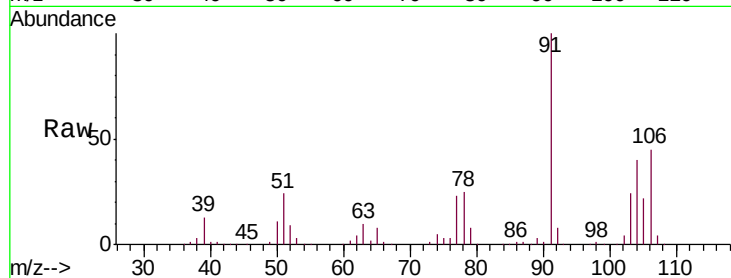




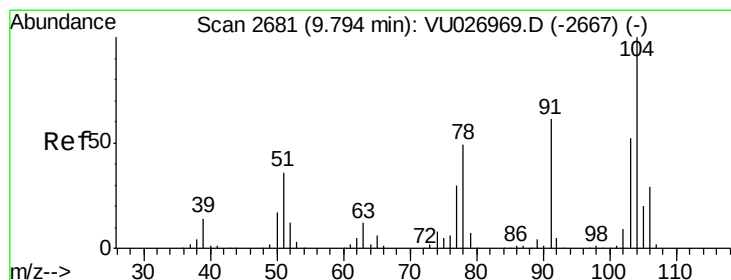
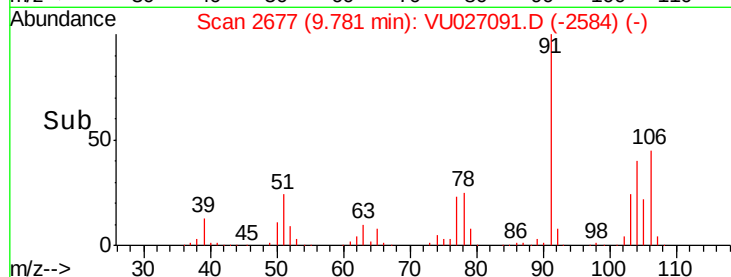
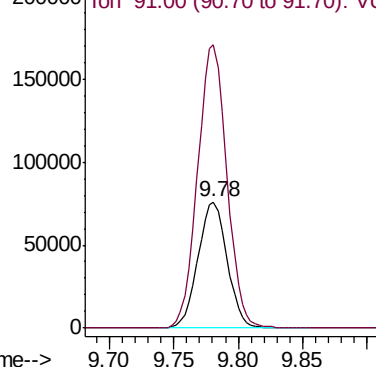
#69
o-Xylene
Concen: 54.729 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VU027091.D
Acq: 23 Sep 2018 22:38

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 119567
Ion Ratio Lower Upper
106 100
91 224.7 110.2 330.6

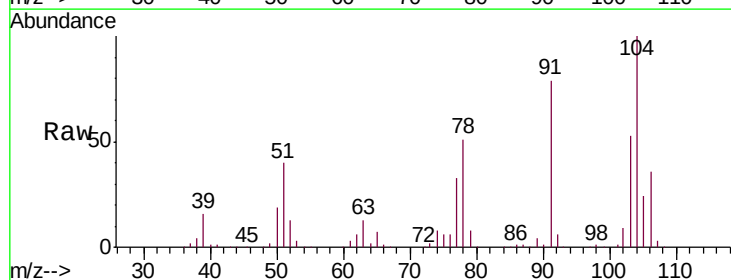


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

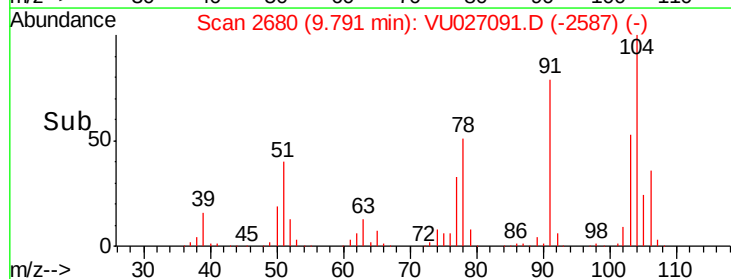
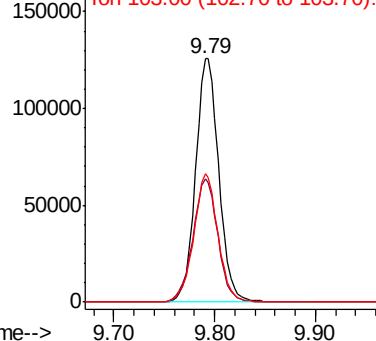


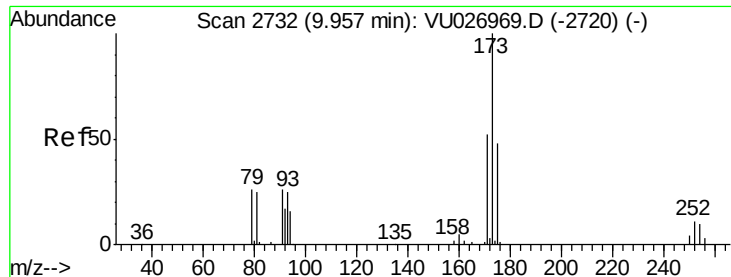
#70
Styrene
Concen: 49.637 ug/l
RT: 9.79 min Scan# 2680
Delta R.T. -0.00 min
Lab File: VU027091.D
Acq: 23 Sep 2018 22:38

Tgt Ion:104 Resp: 202424
Ion Ratio Lower Upper
104 100
78 54.4 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: 52.860 ug/l

RT: 9.96 min Scan# 2732

Delta R.T. 0.00 min

Lab File: VU027091.D

Acq: 23 Sep 2018 22:38

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

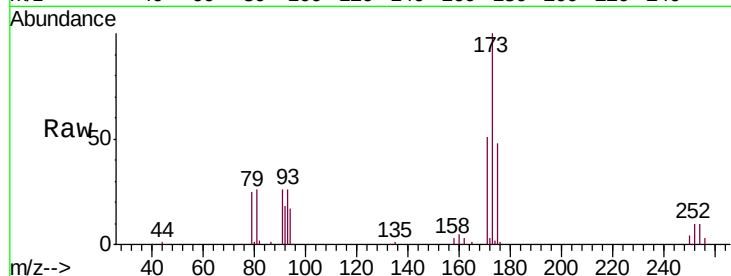
Tgt Ion:173 Resp: 52794

Ion Ratio Lower Upper

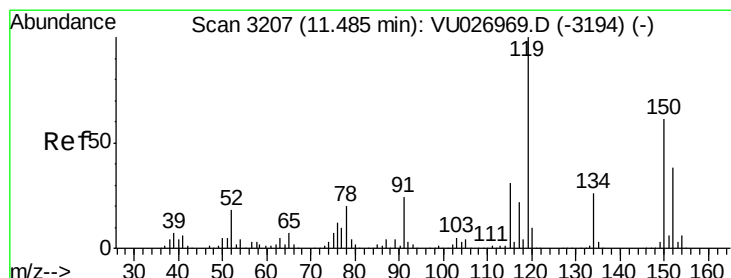
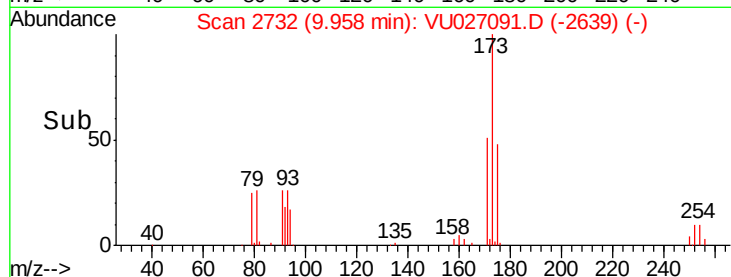
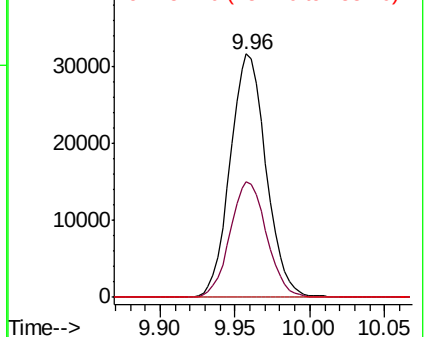
173 100

175 48.2 23.9 71.8

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3207

Delta R.T. 0.00 min

Lab File: VU027091.D

Acq: 23 Sep 2018 22:38

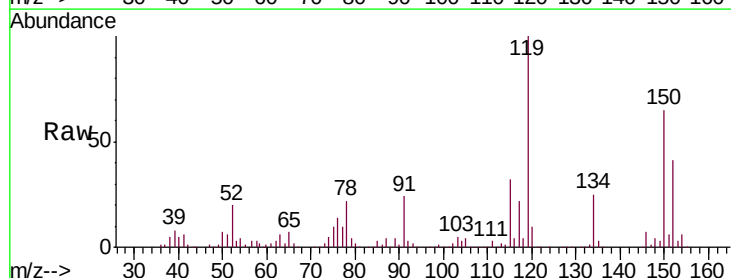
Tgt Ion:152 Resp: 77077

Ion Ratio Lower Upper

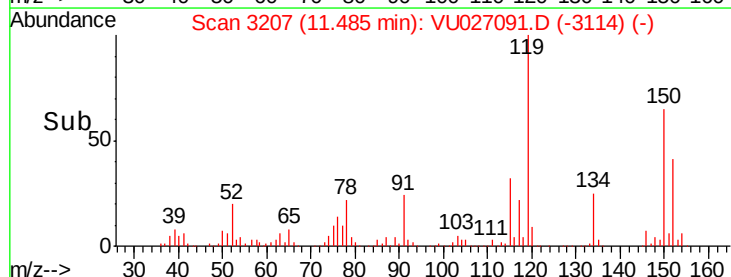
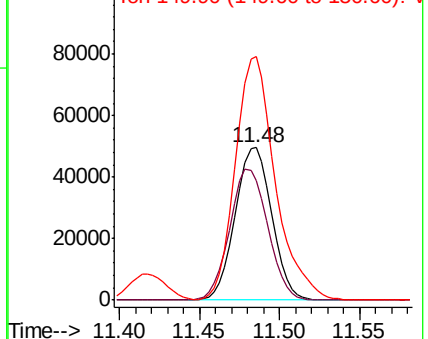
152 100

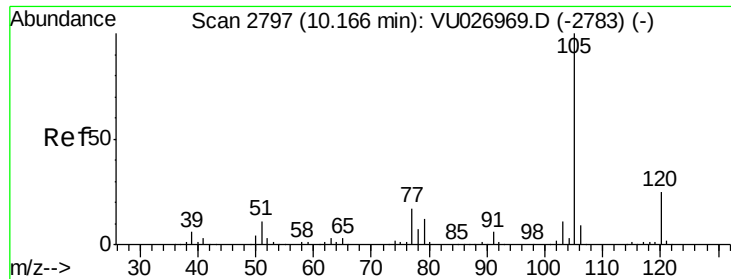
115 89.6 44.9 134.5

150 175.1 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: 55.232 ug/l

RT: 10.17 min Scan# 2797

Delta R.T. 0.00 min

Lab File: VU027091.D

Acq: 23 Sep 2018 22:38

Instrument :

MSVOA_U

ClientSampleId :

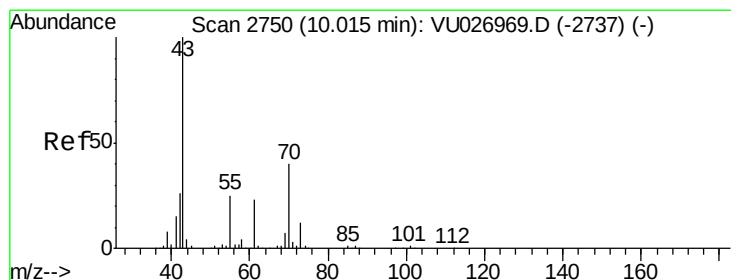
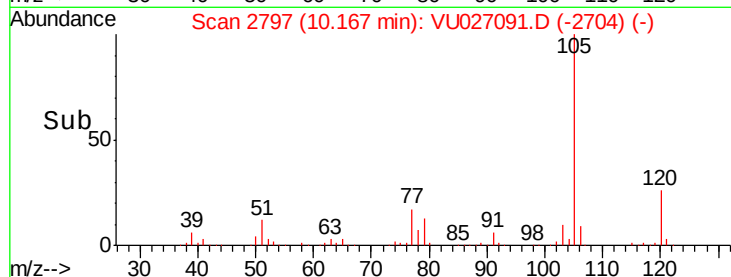
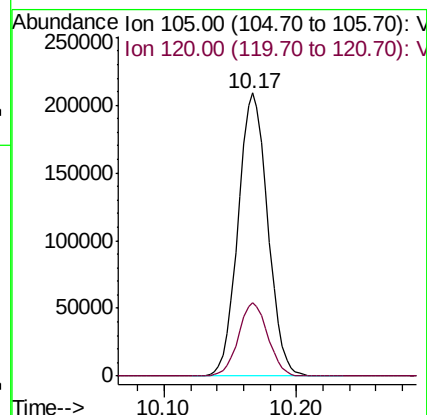
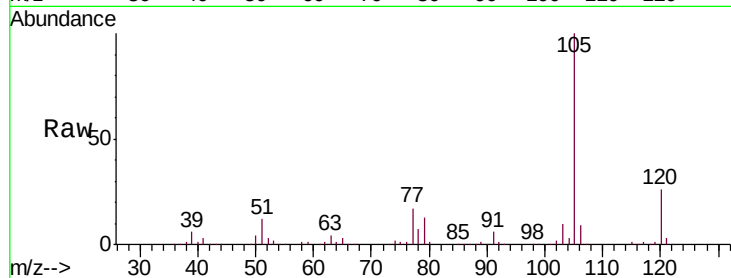
VSTDCCC050EC

Tgt Ion: 105 Resp: 323834

Ion Ratio Lower Upper

105 100

120 25.5 12.8 38.4



#74

N-ethyl acetate

Concen: 57.286 ug/l

RT: 10.01 min Scan# 2749

Delta R.T. -0.00 min

Lab File: VU027091.D

Acq: 23 Sep 2018 22:38

Tgt Ion: 43 Resp: 194421

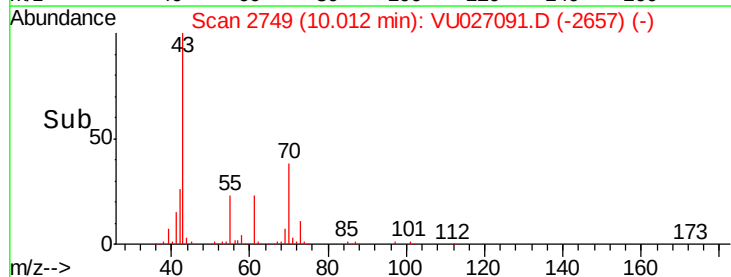
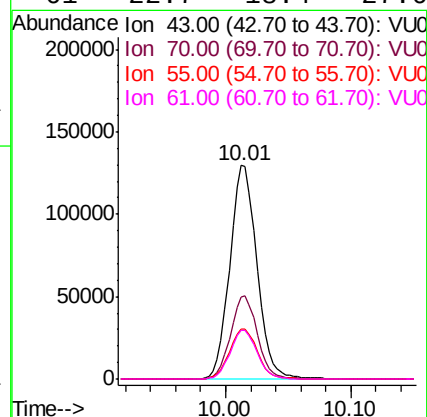
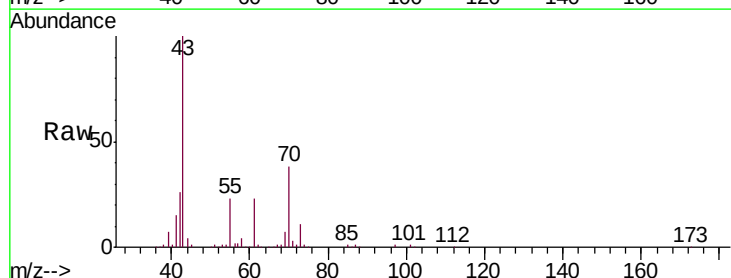
Ion Ratio Lower Upper

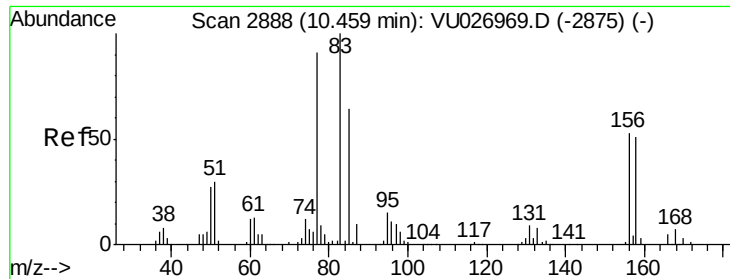
43 100

70 38.6 31.8 47.8

55 24.0 19.9 29.9

61 22.7 18.4 27.6





#75

1,1,2,2-Tetrachloroethane

Concen: 47.752 ug/l

RT: 10.46 min Scan# 2888

Delta R.T. 0.00 min

Lab File: VU027091.D

Acq: 23 Sep 2018 22:38

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

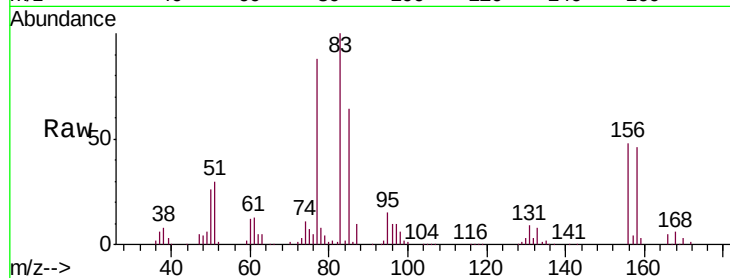
Tgt Ion: 83 Resp: 128727

Ion Ratio Lower Upper

83 100

131 8.4 4.3 12.8

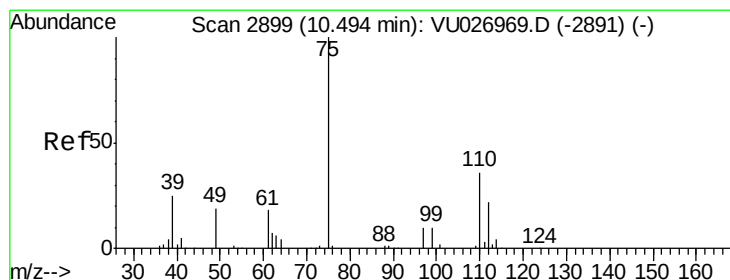
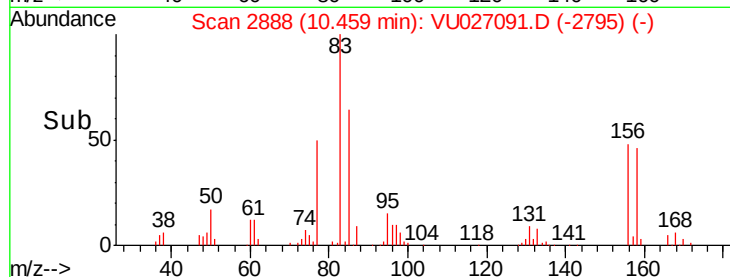
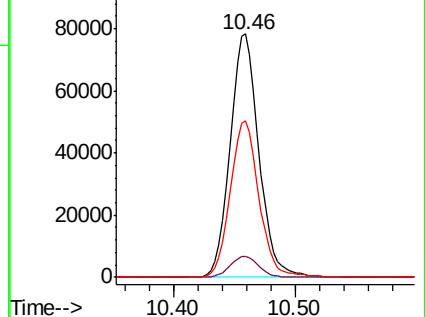
85 64.4 31.9 95.7



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

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

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



#76

1,2,3-Trichloropropane

Concen: 66.339 ug/l

RT: 10.49 min Scan# 2899

Delta R.T. 0.00 min

Lab File: VU027091.D

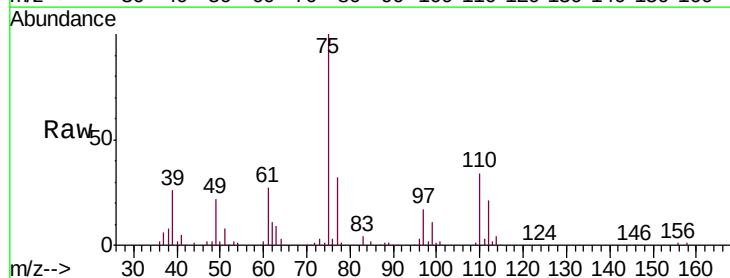
Acq: 23 Sep 2018 22:38

Tgt Ion: 75 Resp: 155339

Ion Ratio Lower Upper

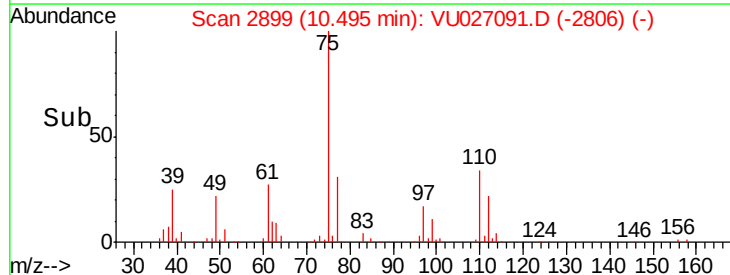
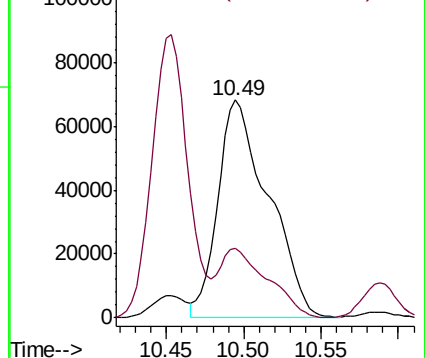
75 100

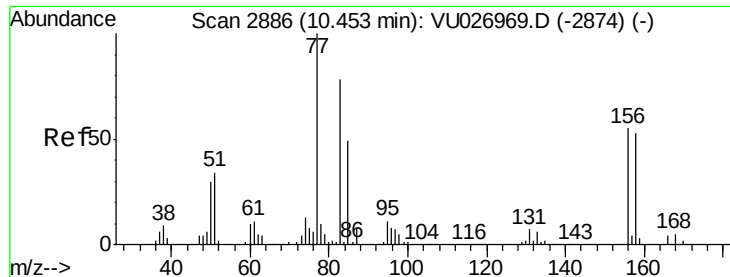
77 30.5 20.9 62.8



Abundance Ion 74.90 (74.60 to 75.60): VU026969.D (-2891) (-)

Ion 77.00 (76.70 to 77.70): VU026969.D (-2891) (-)





#77

Bromobenzene

Concen: 50.375 ug/l

RT: 10.45 min Scan# 2886

Delta R.T. 0.00 min

Lab File: VU027091.D

Acq: 23 Sep 2018 22:38

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

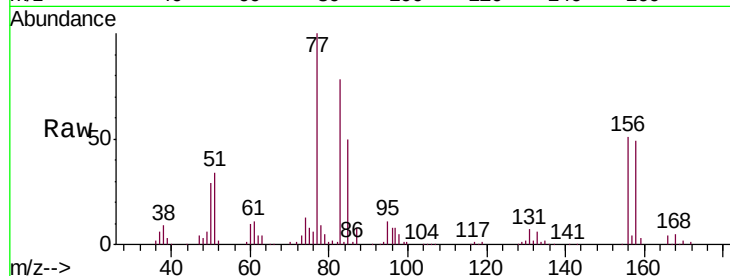
Tgt Ion:156 Resp: 72176

Ion Ratio Lower Upper

156 100

77 198.6 92.3 276.9

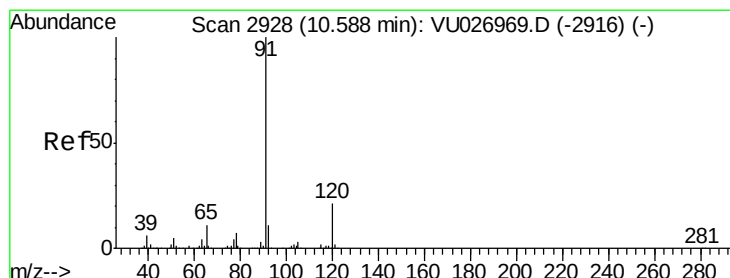
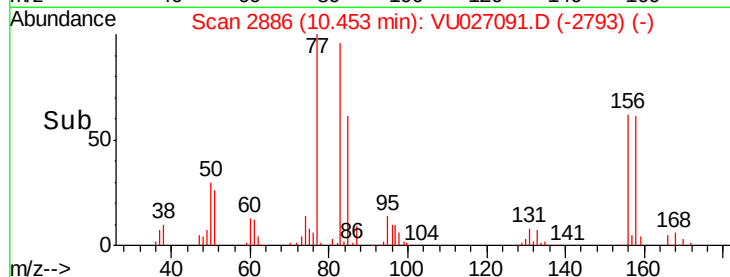
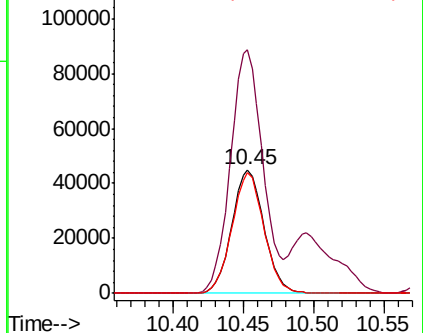
158 96.7 48.1 144.3



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: 57.362 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. 0.00 min

Lab File: VU027091.D

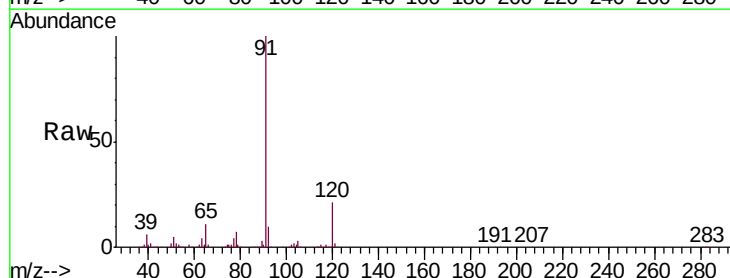
Acq: 23 Sep 2018 22:38

Tgt Ion: 91 Resp: 397950

Ion Ratio Lower Upper

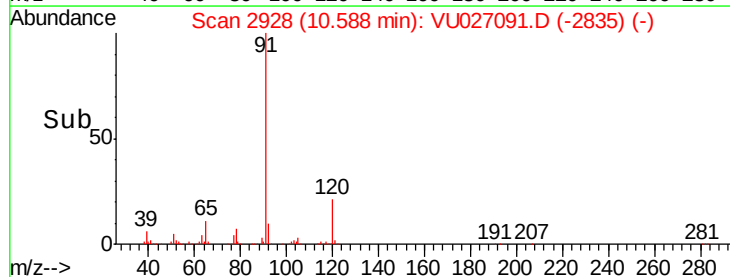
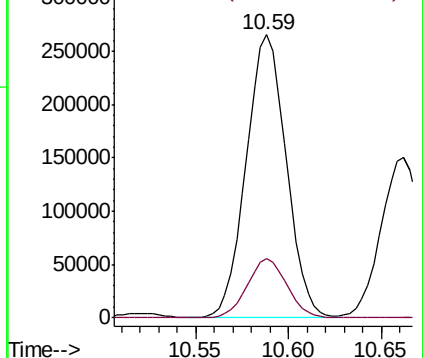
91 100

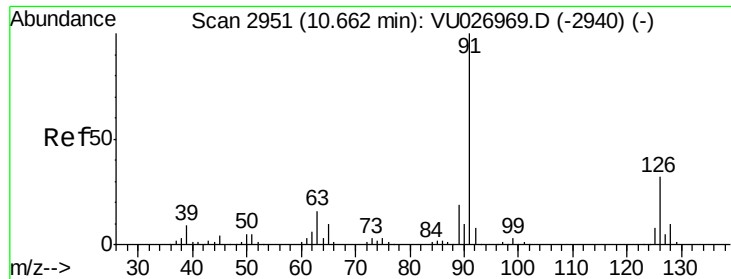
120 20.8 10.6 31.8



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V

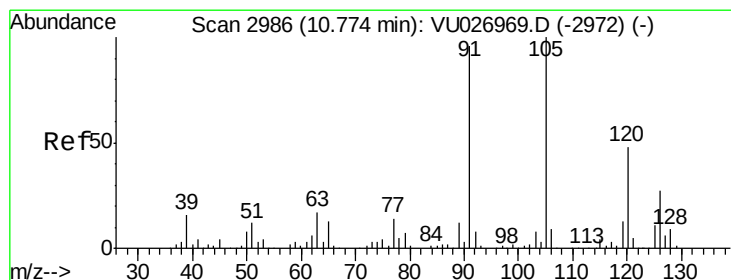
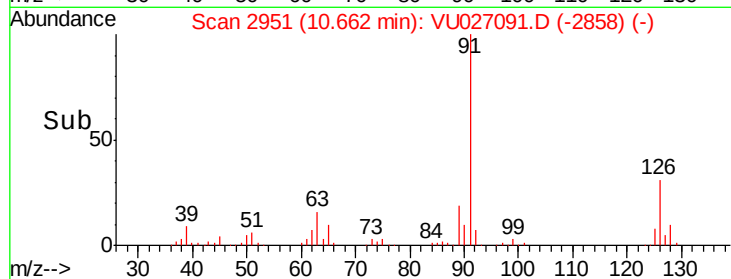
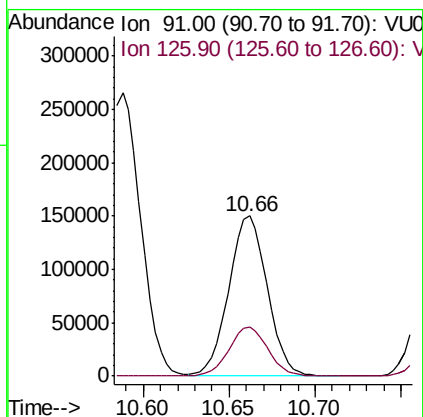
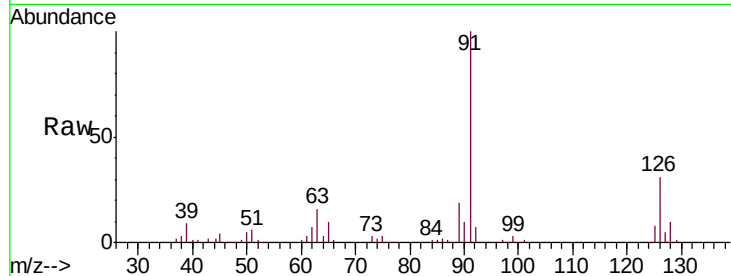




#79
 2-Chlorotoluene
 Concen: 53.539 ug/l
 RT: 10.66 min Scan# 2951
 Delta R.T. 0.00 min
 Lab File: VU027091.D
 Acq: 23 Sep 2018 22:38

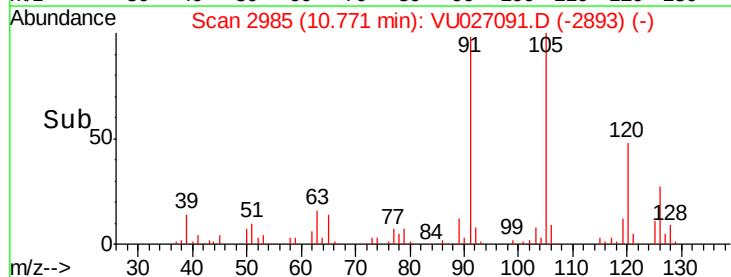
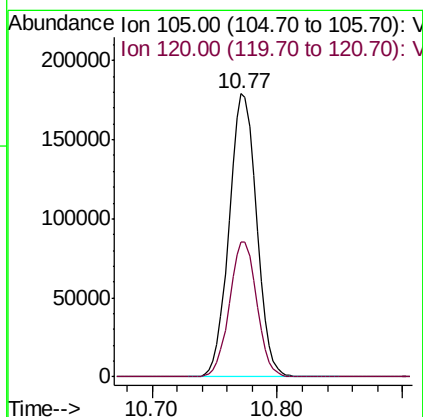
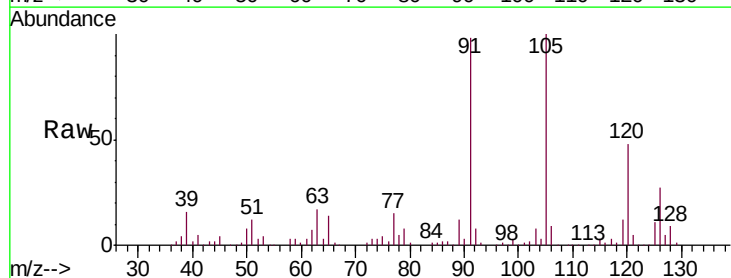
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

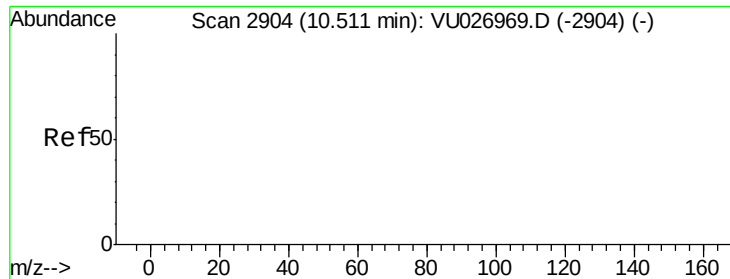
Tgt Ion: 91 Resp: 233303
 Ion Ratio Lower Upper
 91 100
 126 30.9 15.8 47.3



#80
 1,3,5-Trimethylbenzene
 Concen: 56.283 ug/l
 RT: 10.77 min Scan# 2985
 Delta R.T. -0.00 min
 Lab File: VU027091.D
 Acq: 23 Sep 2018 22:38

Tgt Ion: 105 Resp: 272403
 Ion Ratio Lower Upper
 105 100
 120 47.5 23.9 71.7

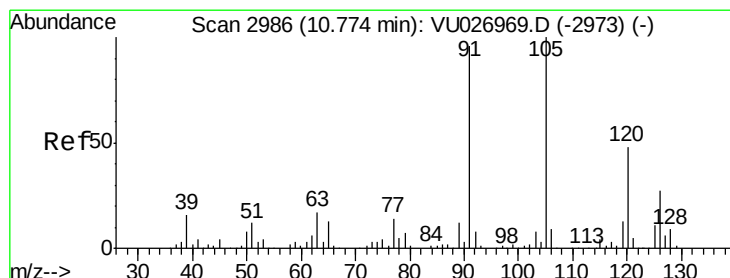
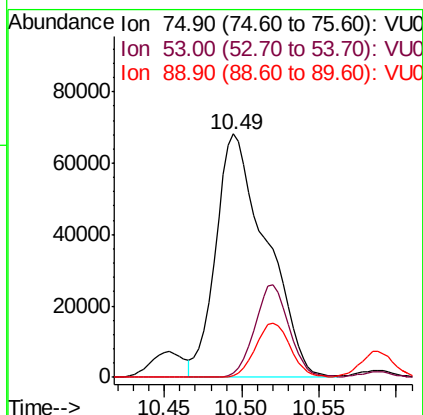
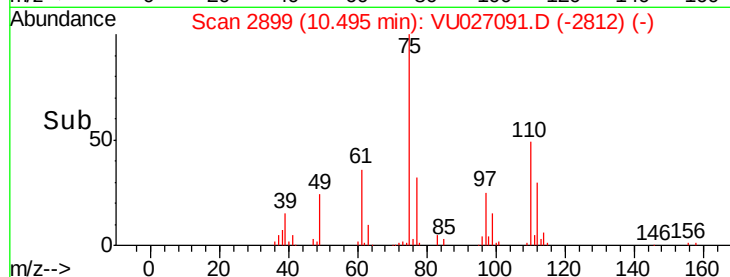
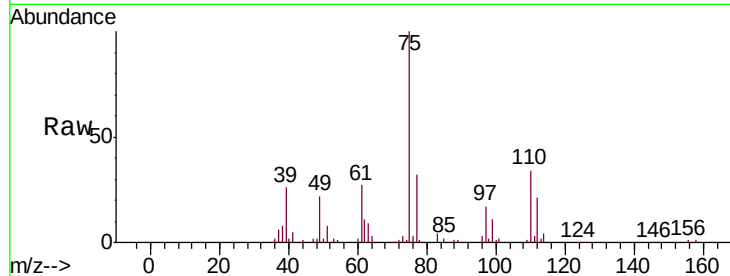




#81
trans-1,4-Dichloro-2-butene
Concen: 212.298 ug/l
RT: 10.49 min Scan# 2899
Delta R.T. -0.02 min
Lab File: VU027091.D
Acq: 23 Sep 2018 22:38

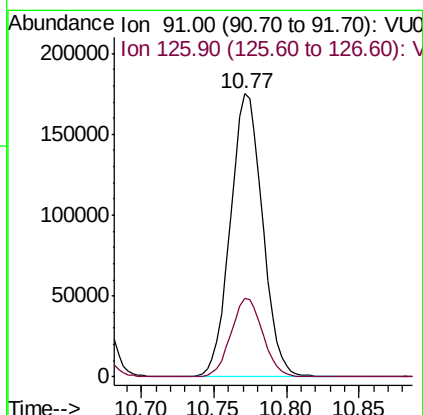
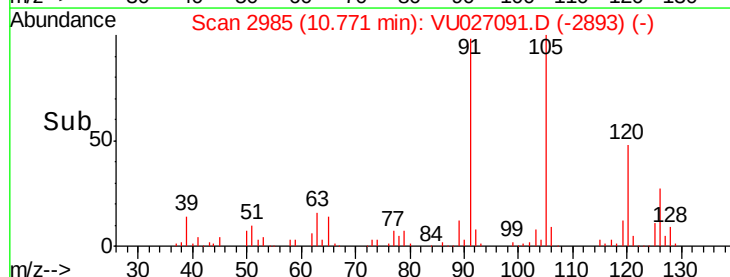
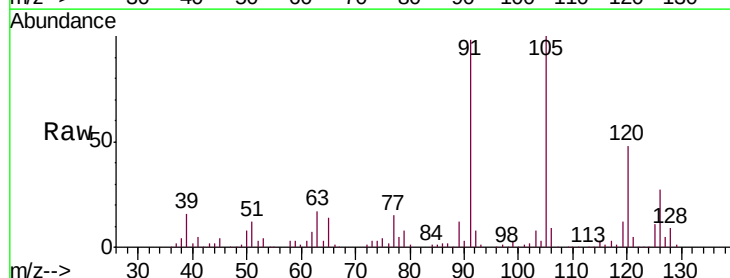
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

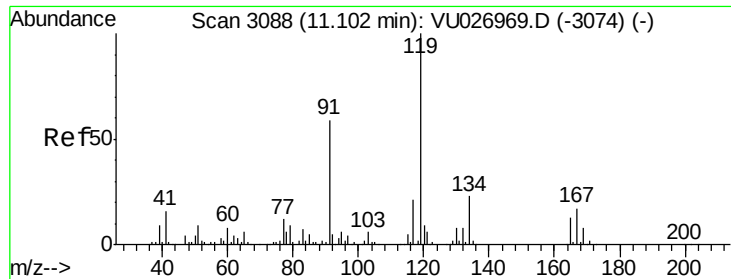
Tgt Ion: 75 Resp: 155339
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0



#82
4-Chlorotoluene
Concen: 54.896 ug/l
RT: 10.77 min Scan# 2985
Delta R.T. -0.00 min
Lab File: VU027091.D
Acq: 23 Sep 2018 22:38

Tgt Ion: 91 Resp: 268231
Ion Ratio Lower Upper
91 100
126 27.7 14.1 42.2

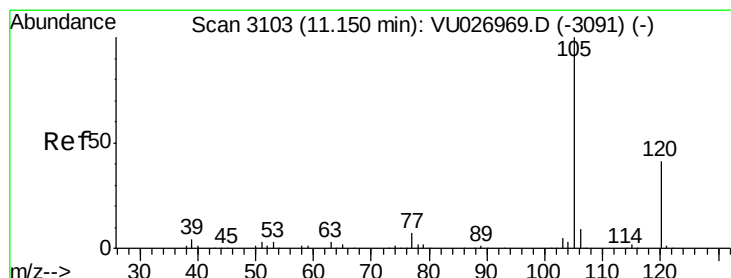
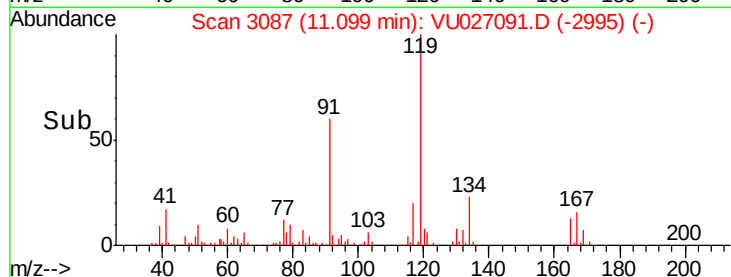
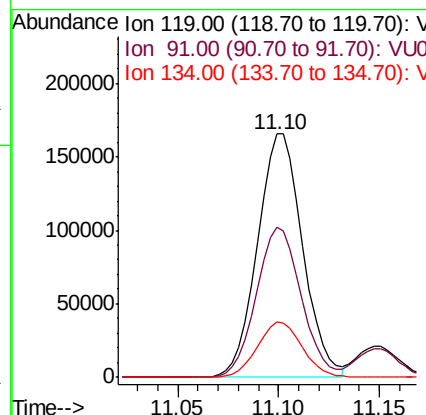
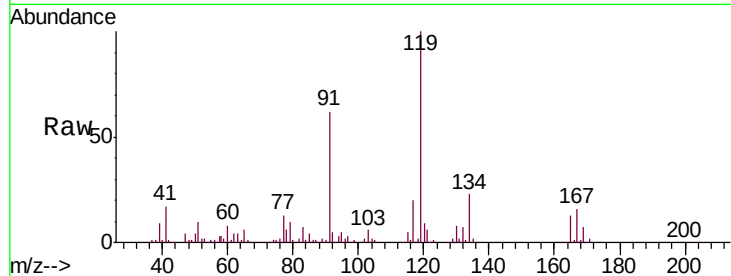




#83
 tert-Butylbenzene
 Concen: 54.094 ug/l
 RT: 11.10 min Scan# 3087
 Delta R.T. -0.00 min
 Lab File: VU027091.D
 Acq: 23 Sep 2018 22:38

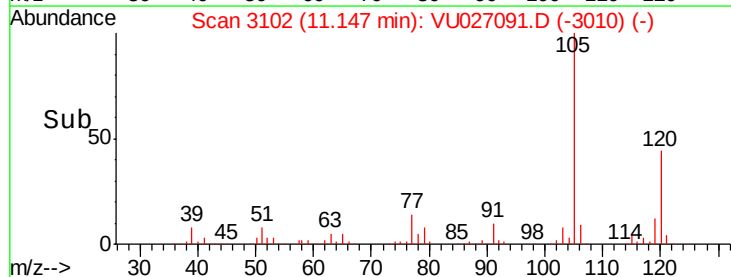
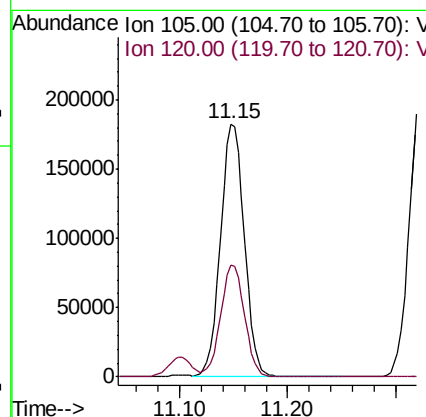
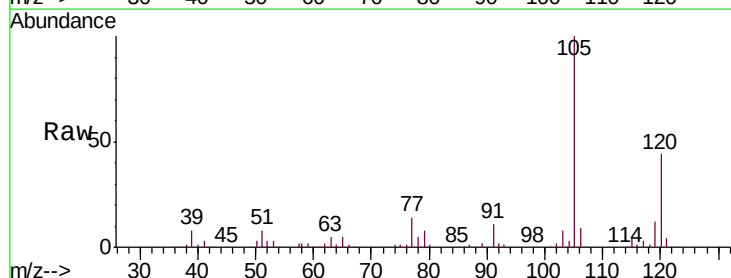
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

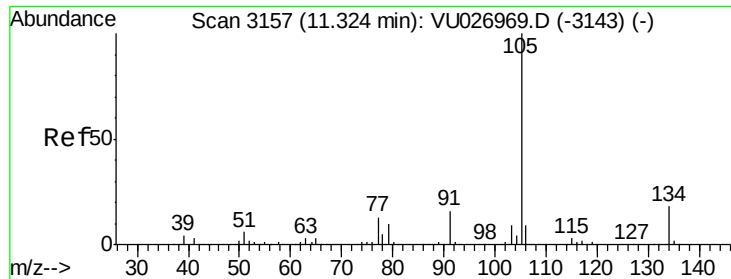
Tgt Ion:119 Resp: 258840
 Ion Ratio Lower Upper
 119 100
 91 61.3 29.8 89.4
 134 22.5 11.5 34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 56.825 ug/l
 RT: 11.15 min Scan# 3102
 Delta R.T. -0.00 min
 Lab File: VU027091.D
 Acq: 23 Sep 2018 22:38

Tgt Ion:105 Resp: 279892
 Ion Ratio Lower Upper
 105 100
 120 44.5 22.4 67.2

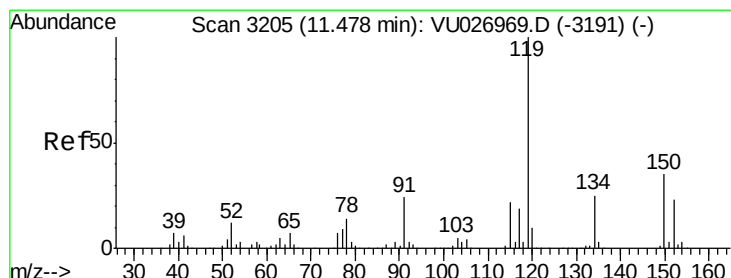
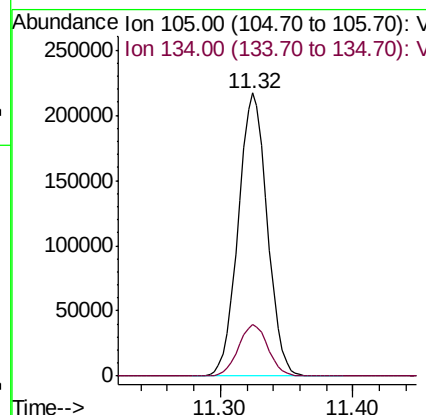
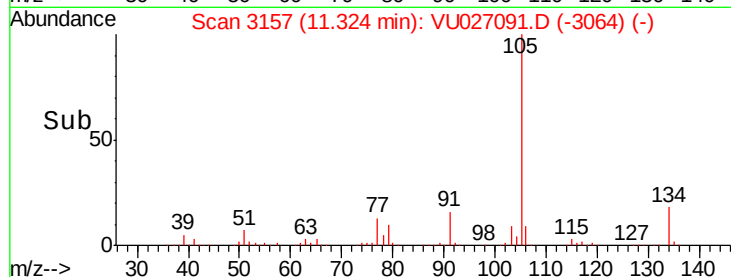
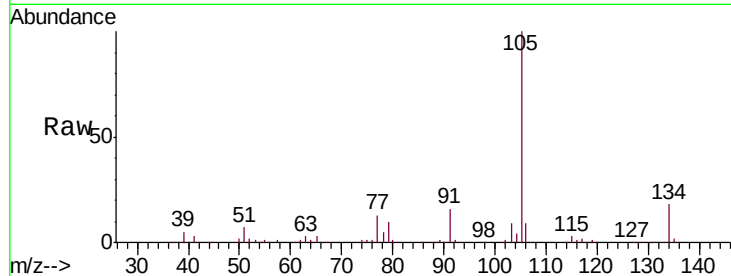




#85
 sec-Butylbenzene
 Concen: 56.363 ug/l
 RT: 11.32 min Scan# 3157
 Delta R.T. 0.00 min
 Lab File: VU027091.D
 Acq: 23 Sep 2018 22:38

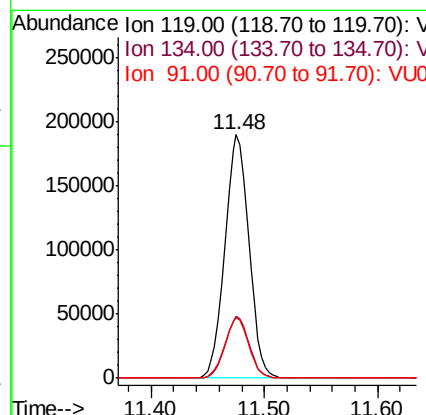
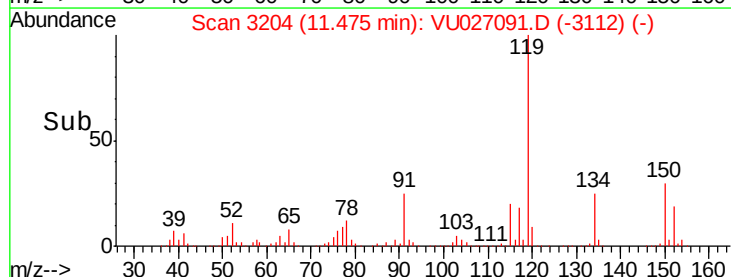
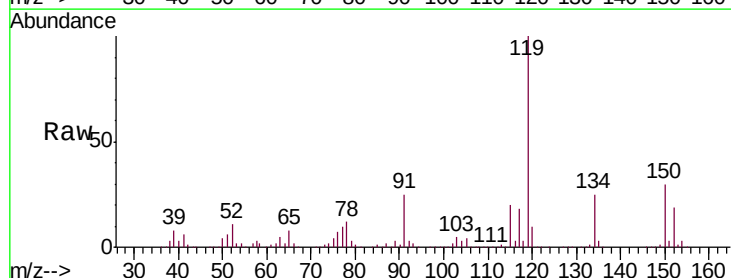
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

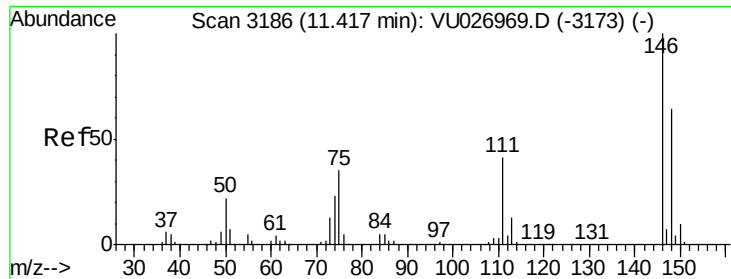
Tgt Ion:105 Resp: 329217
 Ion Ratio Lower Upper
 105 100
 134 18.6 9.4 28.2



#86
 p-Isopropyltoluene
 Concen: 51.173 ug/l
 RT: 11.48 min Scan# 3204
 Delta R.T. -0.00 min
 Lab File: VU027091.D
 Acq: 23 Sep 2018 22:38

Tgt Ion:119 Resp: 280596
 Ion Ratio Lower Upper
 119 100
 134 25.0 12.8 38.3
 91 24.9 12.3 36.8





#87

1,3-Dichlorobenzene

Concen: 51.337 ug/l

RT: 11.42 min Scan# 3186

Delta R.T. 0.00 min

Lab File: VU027091.D

Acq: 23 Sep 2018 22:38

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

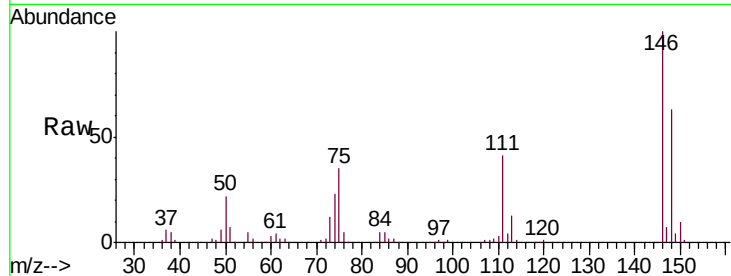
Tgt Ion:146 Resp: 136875

Ion Ratio Lower Upper

146 100

111 41.5 20.8 62.2

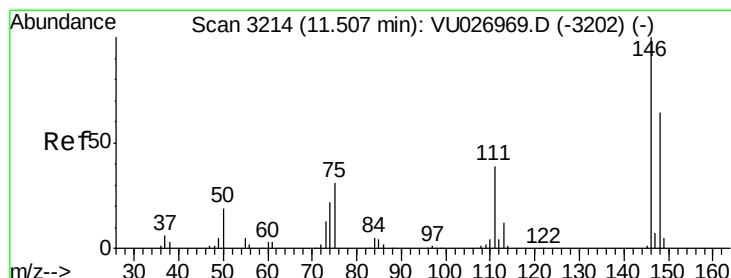
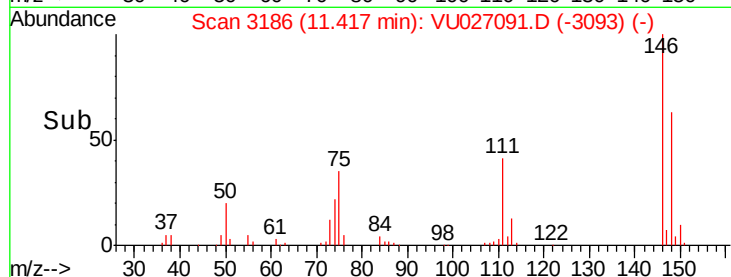
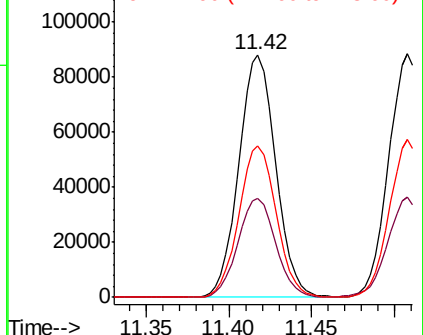
148 63.1 32.0 96.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 47.346 ug/l

RT: 11.51 min Scan# 3214

Delta R.T. 0.00 min

Lab File: VU027091.D

Acq: 23 Sep 2018 22:38

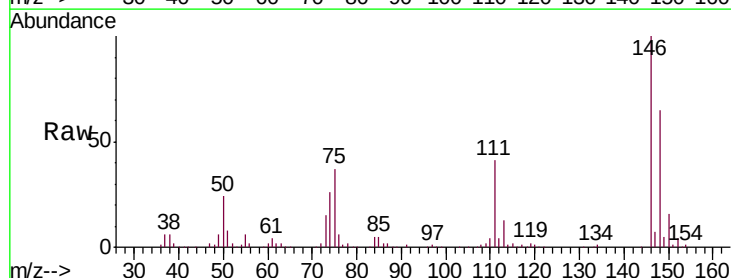
Tgt Ion:146 Resp: 137580

Ion Ratio Lower Upper

146 100

111 41.8 20.3 60.9

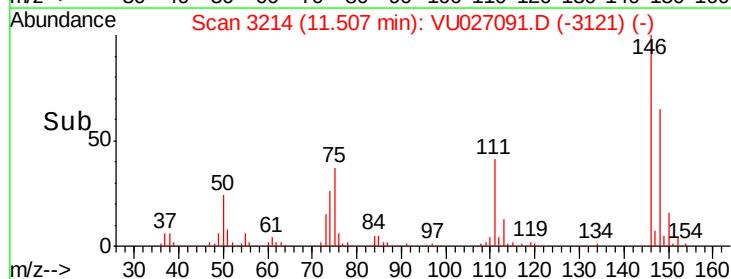
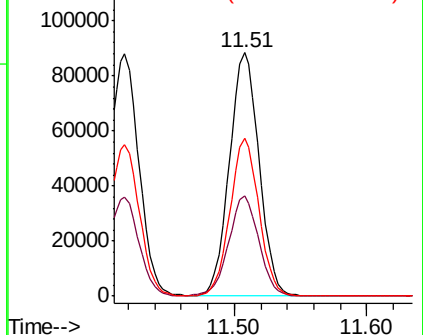
148 63.3 31.9 95.9

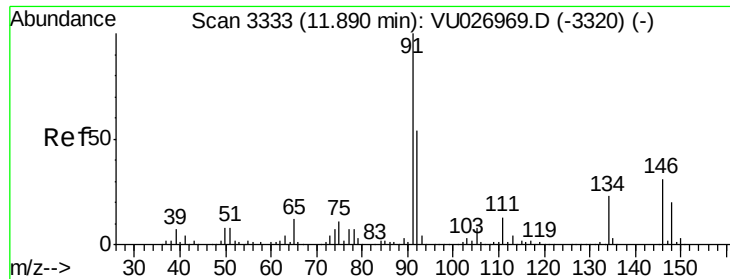


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

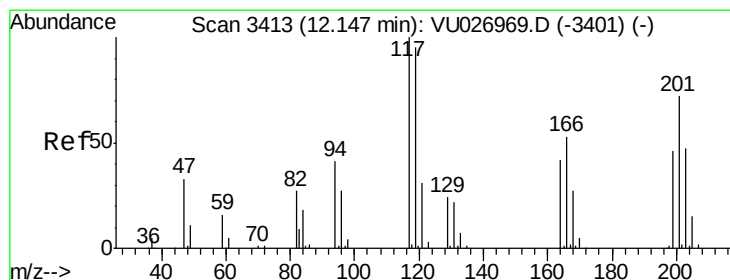
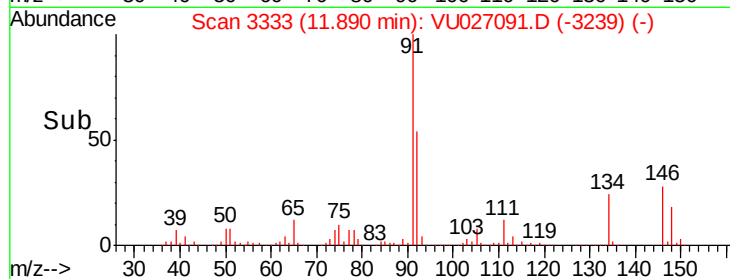
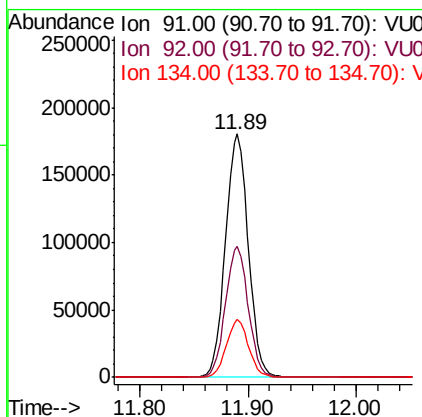
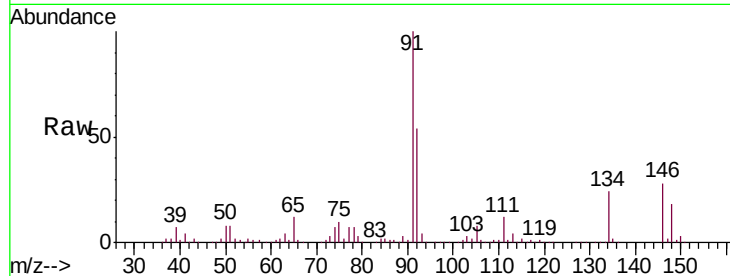




#89
n-Butylbenzene
Concen: 50.006 ug/l
RT: 11.89 min Scan# 3333
Delta R.T. 0.00 min
Lab File: VU027091.D
Acq: 23 Sep 2018 22:38

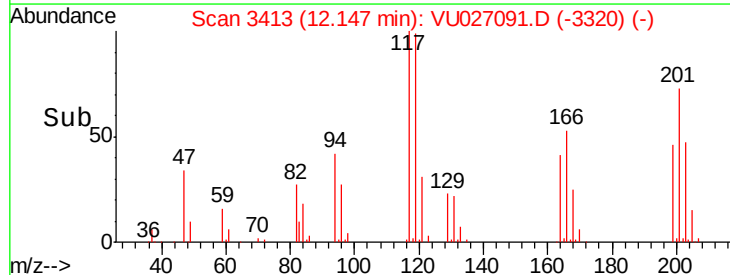
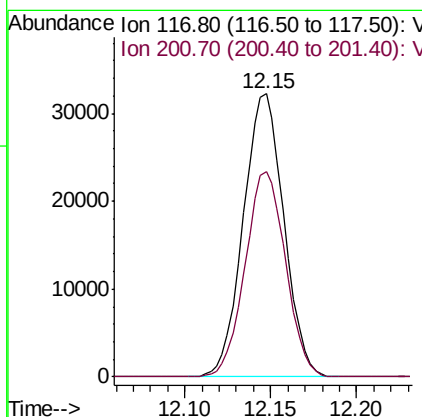
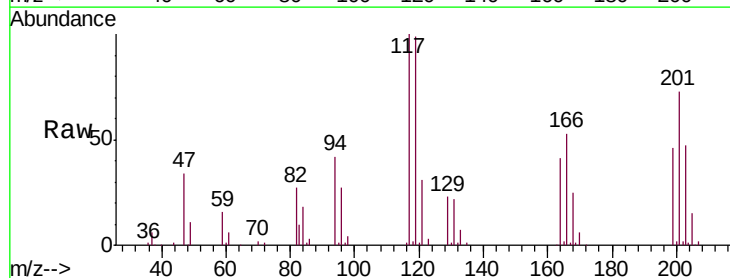
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

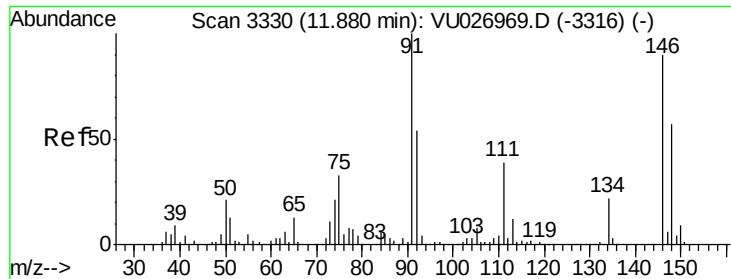
Tgt Ion: 91 Resp: 265688
Ion Ratio Lower Upper
91 100
92 53.6 27.1 81.2
134 23.0 11.7 35.0



#90
Hexachloroethane
Concen: 49.562 ug/l
RT: 12.15 min Scan# 3413
Delta R.T. 0.00 min
Lab File: VU027091.D
Acq: 23 Sep 2018 22:38

Tgt Ion: 117 Resp: 52644
Ion Ratio Lower Upper
117 100
201 72.3 36.8 110.3

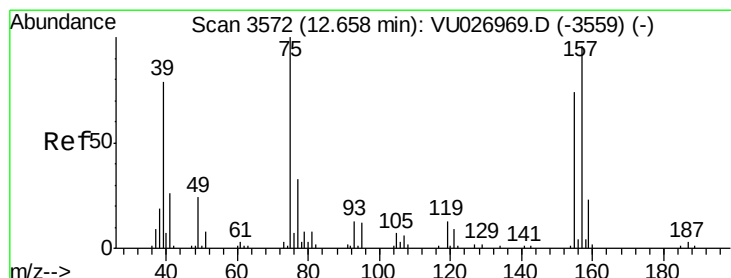
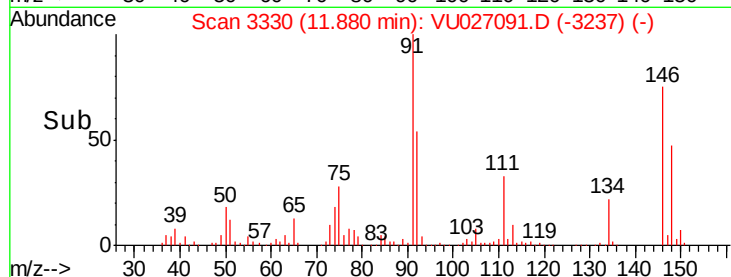
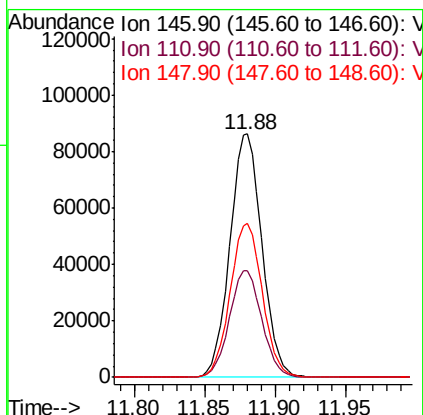
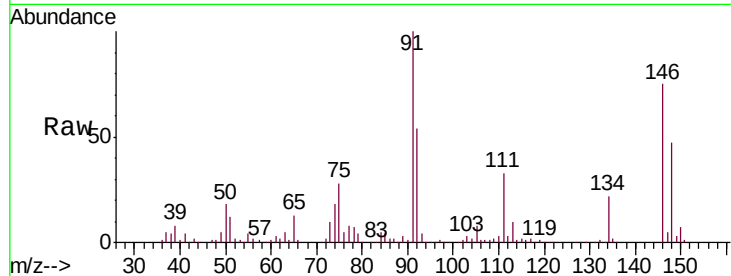




#91
 1,2-Dichlorobenzene
 Concen: 48.327 ug/l
 RT: 11.88 min Scan# 3330
 Delta R.T. 0.00 min
 Lab File: VU027091.D
 Acq: 23 Sep 2018 22:38

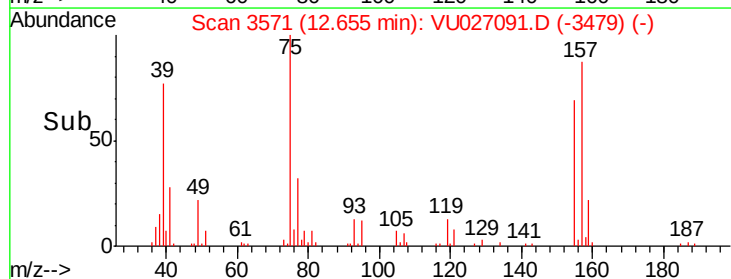
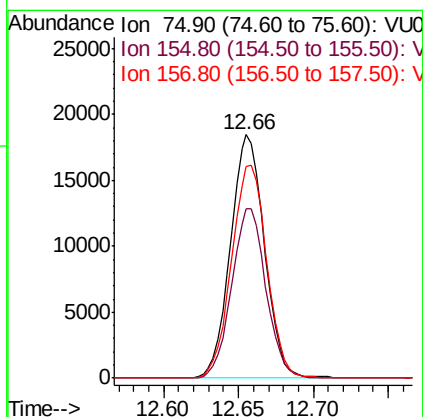
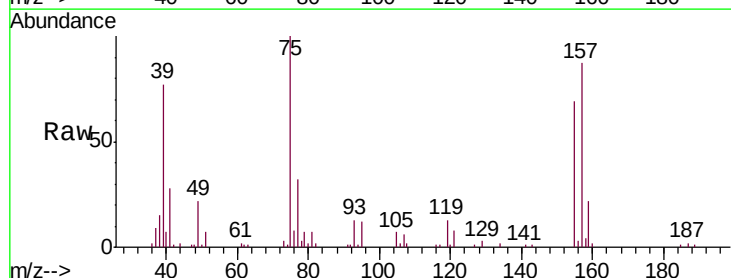
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

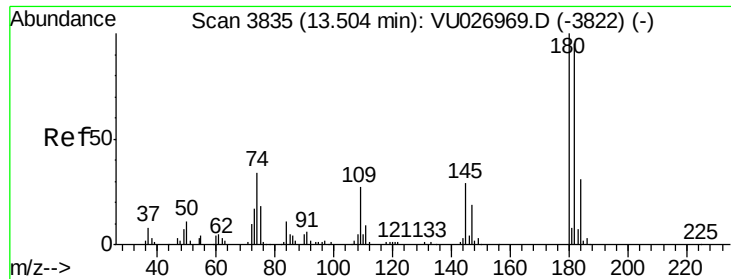
Tgt Ion: 146 Resp: 136870
 Ion Ratio Lower Upper
 146 100
 111 44.4 21.8 65.3
 148 63.7 31.9 95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.922 ug/l
 RT: 12.66 min Scan# 3571
 Delta R.T. -0.00 min
 Lab File: VU027091.D
 Acq: 23 Sep 2018 22:38

Tgt Ion: 75 Resp: 29104
 Ion Ratio Lower Upper
 75 100
 155 70.1 36.6 109.8
 157 90.5 47.4 142.2

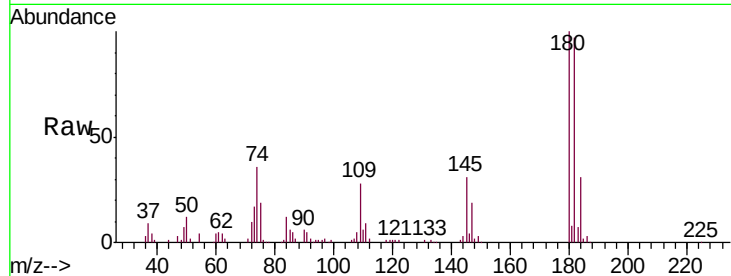




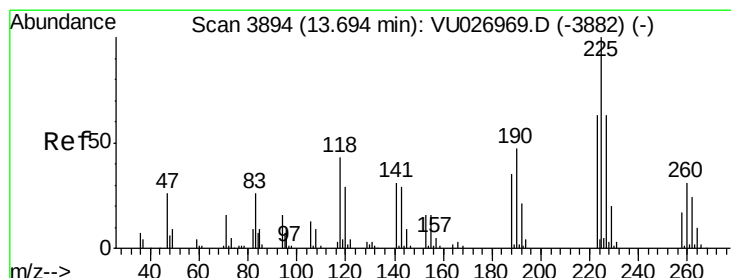
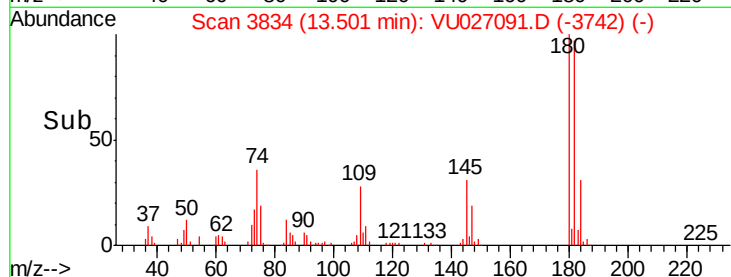
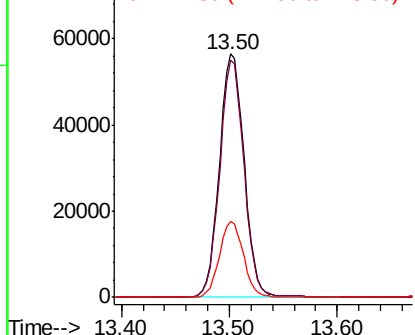
#93
 1,2,4-Trichlorobenzene
 Concen: 55.244 ug/l
 RT: 13.50 min Scan# 3834
 Delta R.T. -0.00 min
 Lab File: VU027091.D
 Acq: 23 Sep 2018 22:38

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:180 Resp: 90163
 Ion Ratio Lower Upper
 180 100
 182 94.9 47.4 142.2
 145 30.3 14.9 44.5

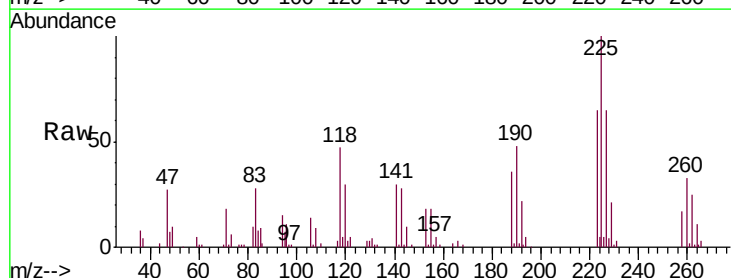


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

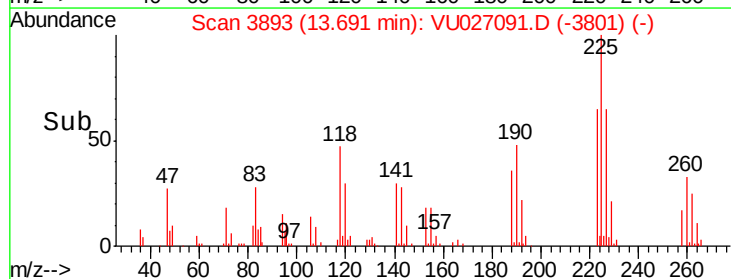
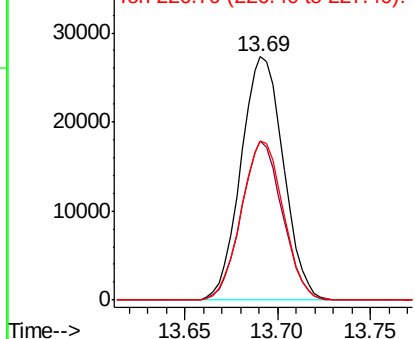


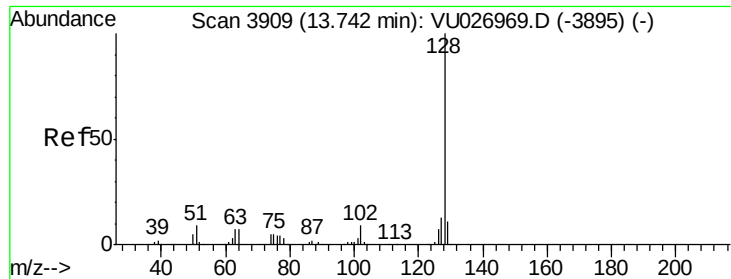
#94
 Hexachlorobutadiene
 Concen: 50.197 ug/l
 RT: 13.69 min Scan# 3893
 Delta R.T. -0.00 min
 Lab File: VU027091.D
 Acq: 23 Sep 2018 22:38

Tgt Ion:225 Resp: 43348
 Ion Ratio Lower Upper
 225 100
 223 63.1 31.9 95.7
 227 64.7 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

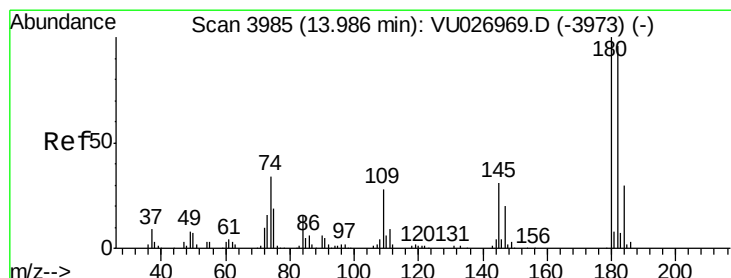
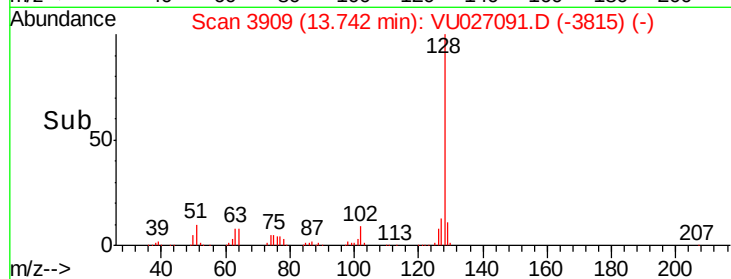
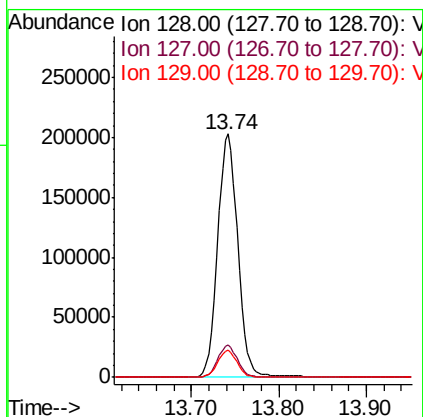
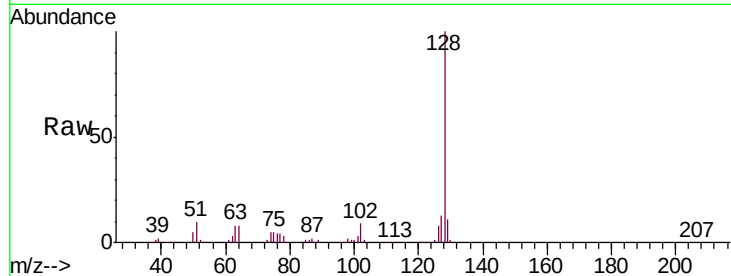




#95
Naphthalene
Concen: 50.938 ug/l
RT: 13.74 min Scan# 3909
Delta R.T. 0.00 min
Lab File: VU027091.D
Acq: 23 Sep 2018 22:38

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 325259
Ion Ratio Lower Upper
128 100
127 13.0 10.6 15.8
129 10.7 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 53.450 ug/l
RT: 13.99 min Scan# 3985
Delta R.T. 0.00 min
Lab File: VU027091.D
Acq: 23 Sep 2018 22:38

Tgt Ion:180 Resp: 93551
Ion Ratio Lower Upper
180 100
182 95.4 47.5 142.5
145 32.3 15.4 46.4

