

Data File : VU027039.D
Acq On : 23 Sep 2018 00:19
Operator : MD/SY
Sample : VSTDCCC050EC
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 79 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Quant Time: Sep 24 02:56:11 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	4.99	168	82022	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	142686	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	138634	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	75903	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	86886	52.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.26%	
35) Dibromofluoromethane	4.88	113	60778	49.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.28%	
50) Toluene-d8	7.57	98	237051	50.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.58%	
62) 4-Bromofluorobenzene	10.31	95	86095	53.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	52226	48.768	ug/l	98
3) Chloromethane	1.33	50	87056	47.150	ug/l	99
4) Vinyl Chloride	1.40	62	84613	49.094	ug/l	99
5) Bromomethane	1.62	94	45481	46.340	ug/l	100
6) Chloroethane	1.69	64	54722	49.693	ug/l	99
7) Trichlorofluoromethane	1.88	101	96325	49.209	ug/l	99
8) Diethyl Ether	2.10	74	47246	50.145	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.29	101	57870	48.081	ug/l	98
10) Methyl Iodide	2.41	142	65864	44.123	ug/l	100
11) Tert butyl alcohol	2.83	59	100557	265.755	ug/l	99
12) 1,1-Dichloroethene	2.28	96	55516	49.006	ug/l	97
13) Acrolein	2.19	56	50561	247.881	ug/l	98
14) Allyl chloride	2.59	41	124954	54.383	ug/l	98
15) Acrylonitrile	2.94	53	250527	262.699	ug/l	99
16) Acetone	2.32	43	220938	252.091	ug/l	99
17) Carbon Disulfide	2.48	76	180106	48.804	ug/l	100
18) Methyl Acetate	2.61	43	125498	53.411	ug/l	100
19) Methyl tert-butyl Ether	3.00	73	226833	54.489	ug/l	99
20) Methylene Chloride	2.70	84	70756	47.858	ug/l	97
21) trans-1,2-Dichloroethene	2.98	96	62412	51.601	ug/l	98
22) Diisopropyl ether	3.57	45	278361	56.640	ug/l	99
23) Vinyl Acetate	3.53	43	1199209	286.258	ug/l	99
24) 1,1-Dichloroethane	3.45	63	143771	53.116	ug/l	99
25) 2-Butanone	4.26	43	356361	256.867	ug/l	99
26) 2,2-Dichloropropane	4.23	77	92630	43.881	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	71458	52.315	ug/l	98
28) Bromochloromethane	4.55	49	73360	56.224	ug/l	96
29) Tetrahydrofuran	4.64	42	232745	277.327	ug/l	98
30) Chloroform	4.68	83	127130	50.599	ug/l	98
31) Cyclohexane	5.00	56	128682	52.327	ug/l	99
32) 1,1,1-Trichloroethane	4.92	97	104786	52.235	ug/l	99
36) 1,1-Dichloropropene	5.14	75	97482	51.190	ug/l	99
37) Ethyl Acetate	4.38	43	132336	51.334	ug/l	100
38) Carbon Tetrachloride	5.14	117	89072	49.151	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	109693	53.006	ug/l	98
40) Benzene	5.39	78	287663	49.691	ug/l	100
41) Methacrylonitrile	4.54	41	74760	55.840	ug/l	98
42) 1,2-Dichloroethane	5.40	62	111283	50.879	ug/l	99
43) Isopropyl Acetate	5.55	43	204004	54.262	ug/l	99
44) Trichloroethene	6.19	130	61287	49.728	ug/l	96
45) 1,2-Dichloropropane	6.43	63	84553	51.260	ug/l	96
46) Dibromomethane	6.56	93	49266	49.453	ug/l	98
47) Bromodichloromethane	6.76	83	100292	49.788	ug/l	99
48) Methyl methacrylate	6.62	41	103194	50.422	ug/l	99
49) 1,4-Dioxane	6.61	88	39969	983.505	ug/l	98
51) 4-Methyl-2-Pentanone	7.46	43	692700	273.951	ug/l	100
52) Toluene	7.64	92	174729	52.656	ug/l	100
53) t-1,3-Dichloropropene	7.88	75	116332	53.751	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	125365	52.681	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	71348	50.744	ug/l	98
56) Ethyl methacrylate	8.02	69	121161	49.678	ug/l	97
57) 1,3-Dichloropropane	8.24	76	136646	52.252	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	341977	247.056	ug/l	99
59) 2-Hexanone	8.36	43	531391	268.474	ug/l	99
60) Dibromochloromethane	8.48	129	71282	51.684	ug/l	99
61) 1,2-Dibromoethane	8.59	107	74278	50.773	ug/l	100
64) Tetrachloroethene	8.23	164	52931	49.548	ug/l	98
65) Chlorobenzene	9.12	112	180458	49.092	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	64512	50.953	ug/l	99
67) Ethyl Benzene	9.25	91	328107	54.281	ug/l	99
68) m/p-Xylenes	9.38	106	245159	100.145	ug/l	99
69) o-Xylene	9.78	106	116935	54.600	ug/l	98
70) Styrene	9.79	104	196151	49.086	ug/l	98
71) Bromoform	9.96	173	51238	52.332	ug/l #	100
73) Isopropylbenzene	10.17	105	320286	55.472	ug/l	100
74) N-amyl acetate	10.01	43	186251	55.728	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	125013	47.092	ug/l	99
76) 1,2,3-Trichloropropane	10.49	75	149033	64.631	ug/l	83
77) Bromobenzene	10.45	156	71833	50.911	ug/l	96
78) n-propylbenzene	10.59	91	385603	56.442	ug/l	99
79) 2-Chlorotoluene	10.66	91	228375	53.219	ug/l	99
80) 1,3,5-Trimethylbenzene	10.77	105	267145	56.050	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.49	75	149033	206.830	ug/l #	100
82) 4-Chlorotoluene	10.77	91	263934	54.852	ug/l	99
83) tert-Butylbenzene	11.10	119	254581	54.027	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	275194	56.735	ug/l	99
85) sec-Butylbenzene	11.32	105	323794	56.292	ug/l	99
86) p-Isopropyltoluene	11.48	119	275640	51.049	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	132549	50.483	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	135900	47.491	ug/l	99
89) n-Butylbenzene	11.89	91	256811	49.127	ug/l	99
90) Hexachloroethane	12.15	117	51432	49.170	ug/l	99
91) 1,2-Dichlorobenzene	11.88	146	134694	48.294	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	27950	51.610	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092218\
Quantitation Report (Not Reviewed)

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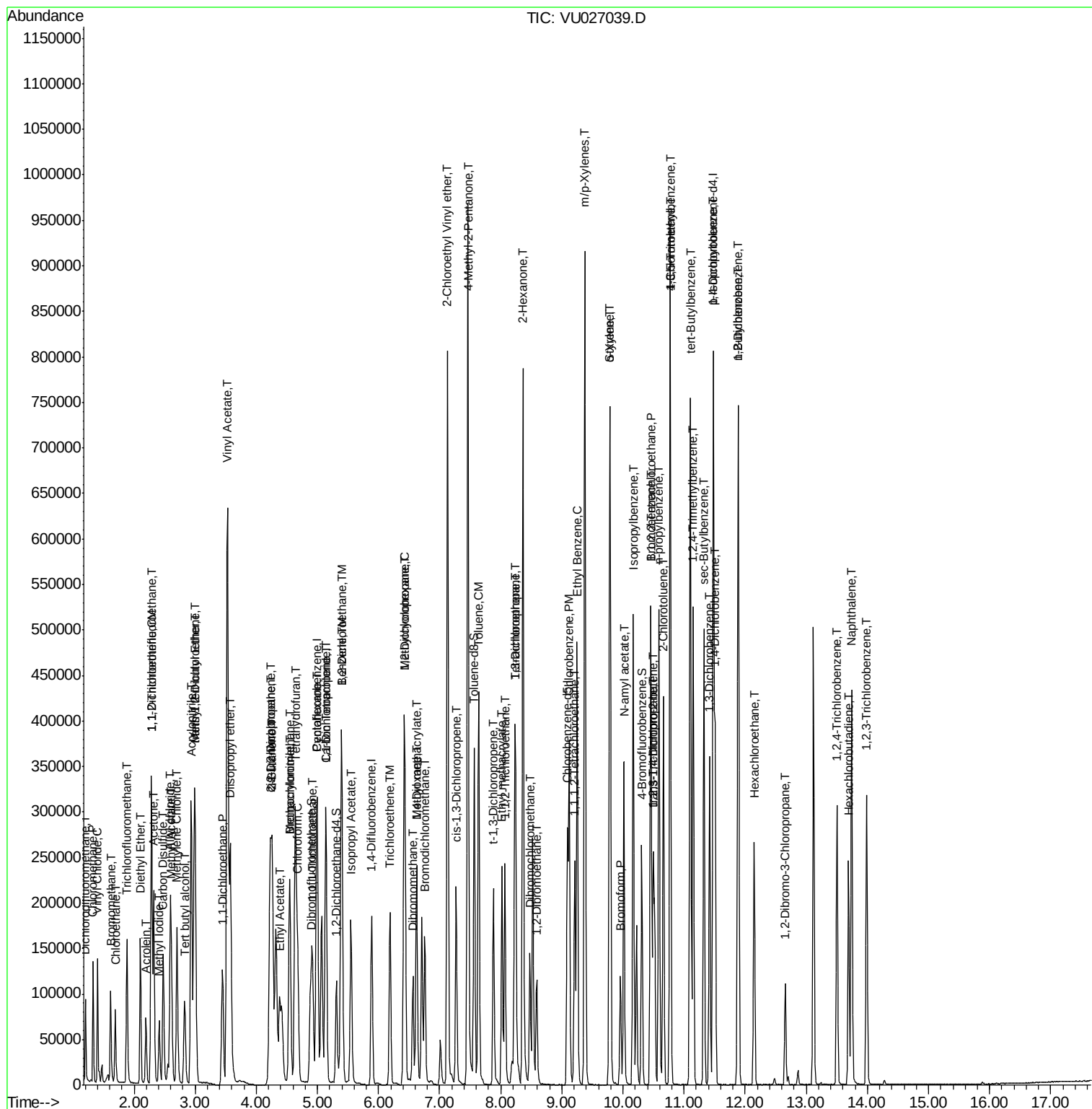
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	87655	54.538	ug/l	100
94) Hexachlorobutadiene	13.69	225	42139	49.551	ug/l	99
95) Naphthalene	13.74	128	318248	50.622	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	91838	53.283	ug/l	98

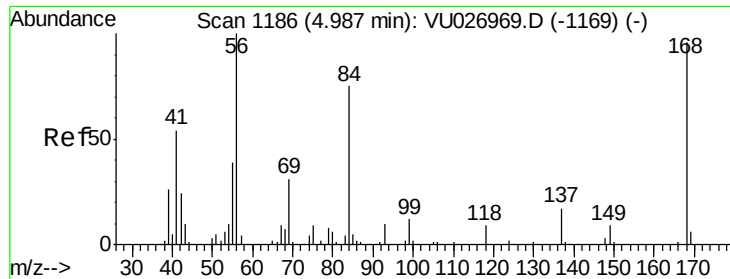
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. 0.00 min

Lab File: VU027039.D

Acq: 23 Sep 2018 00:19

Instrument :

MSVOA_U

ClientSampleId :

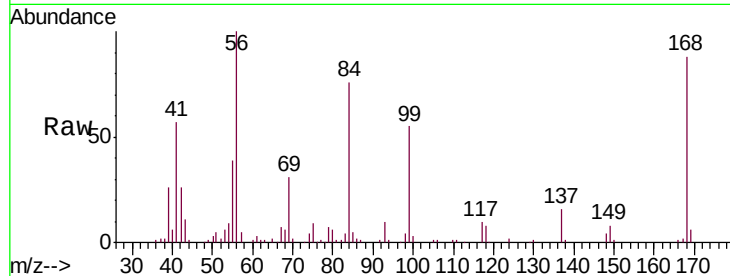
VSTDCCC050EC

Tgt Ion:168 Resp: 82022

Ion Ratio Lower Upper

168 100

99 61.9 48.1 72.1



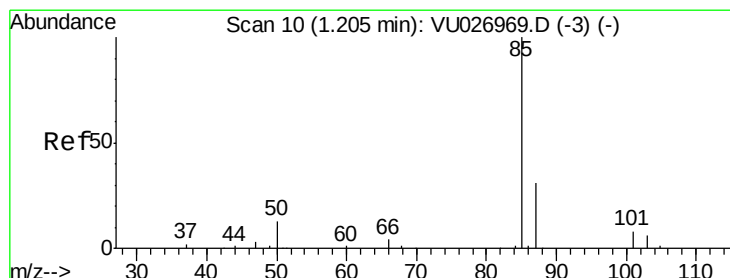
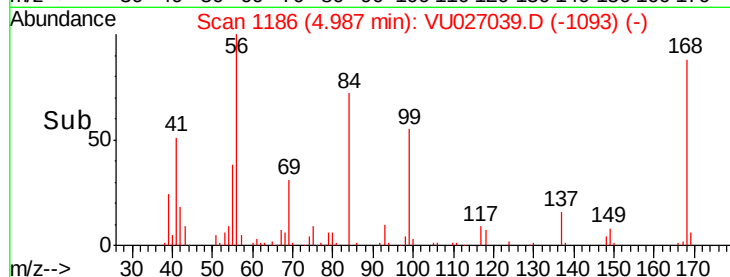
Abundance Ion 167.90 (167.60 to 168.60): VU026969.D (-1169) (-)

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

4.99

4.95 5.00 5.05

Time-->



#2

Dichlorodifluoromethane

Concen: 48.768 ug/l

RT: 1.21 min Scan# 10

Delta R.T. 0.00 min

Lab File: VU027039.D

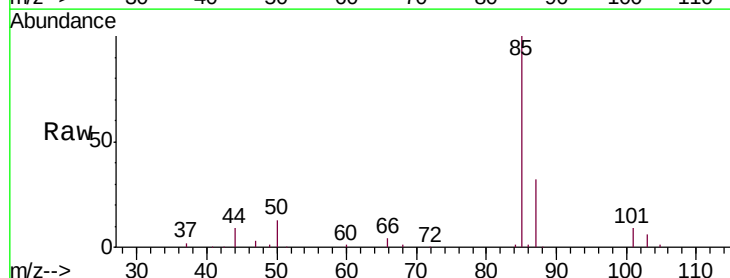
Acq: 23 Sep 2018 00:19

Tgt Ion: 85 Resp: 52226

Ion Ratio Lower Upper

85 100

87 32.3 15.6 46.7



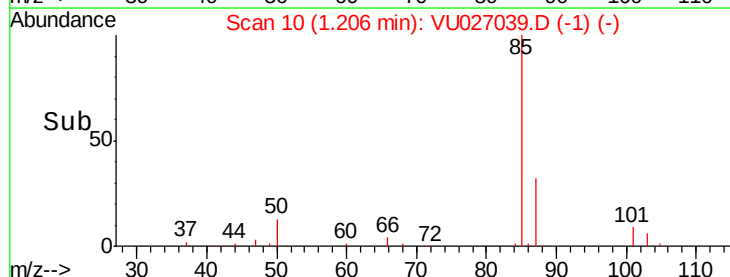
Abundance Ion 84.90 (84.60 to 85.60): VU026969.D (-3) (-)

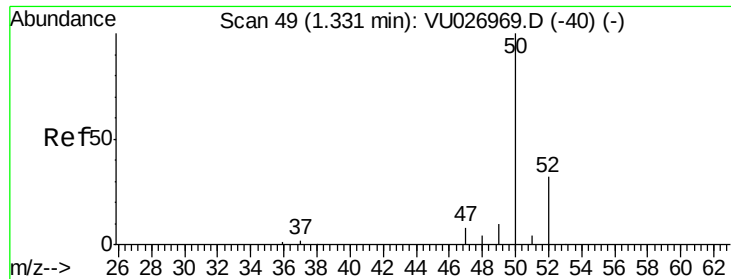
Ion 86.90 (86.60 to 87.60): VU026969.D (-3) (-)

1.21

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 47.150 ug/l

RT: 1.33 min Scan# 48

Delta R.T. -0.00 min

Lab File: VU027039.D

Acq: 23 Sep 2018 00:19

Instrument :

MSVOA_U

ClientSampleId :

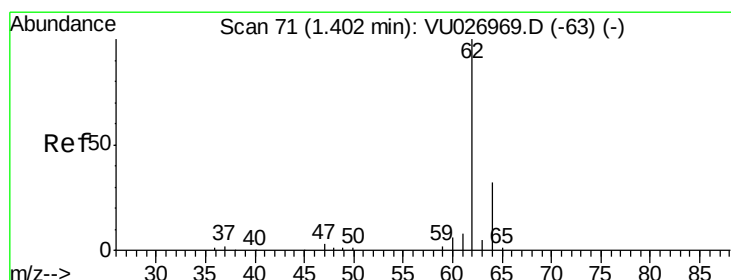
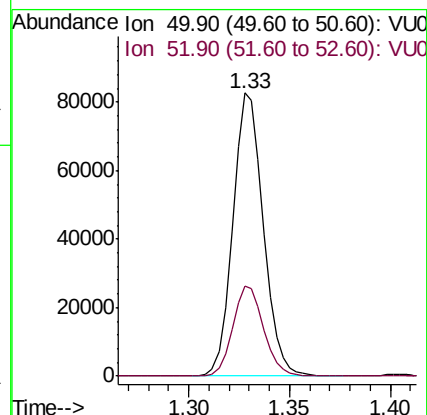
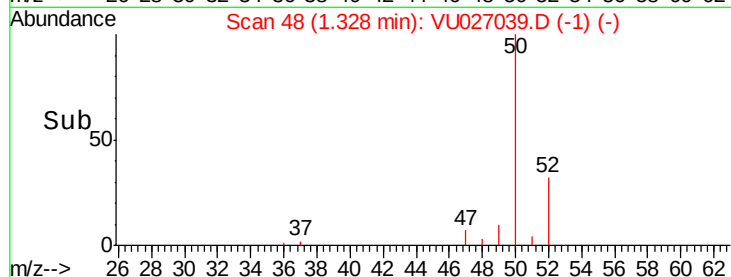
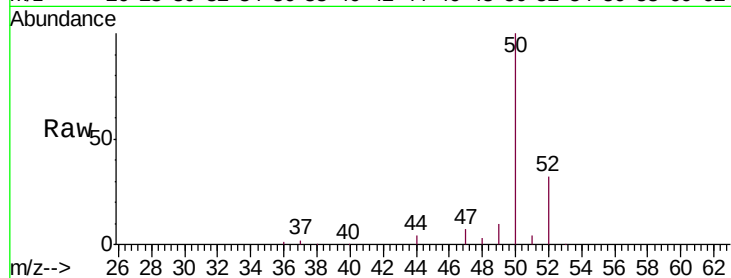
VSTDCCC050EC

Tgt Ion: 50 Resp: 87056

Ion Ratio Lower Upper

50 100

52 32.0 25.9 38.9



#4

Vinyl Chloride

Concen: 49.094 ug/l

RT: 1.40 min Scan# 71

Delta R.T. 0.00 min

Lab File: VU027039.D

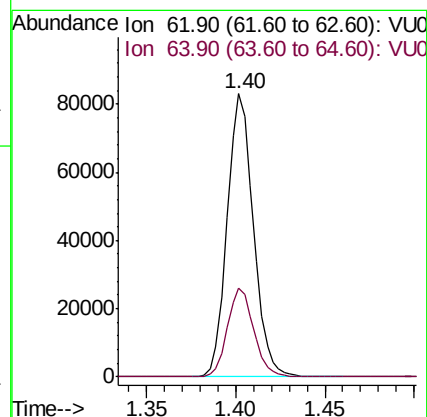
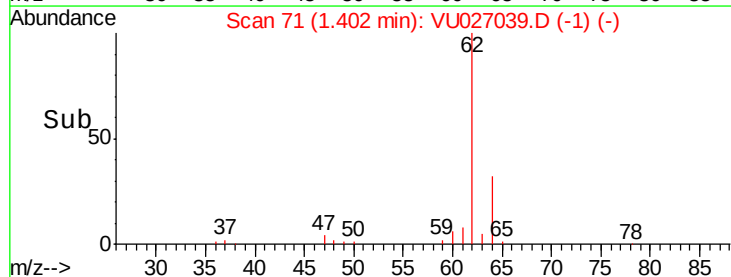
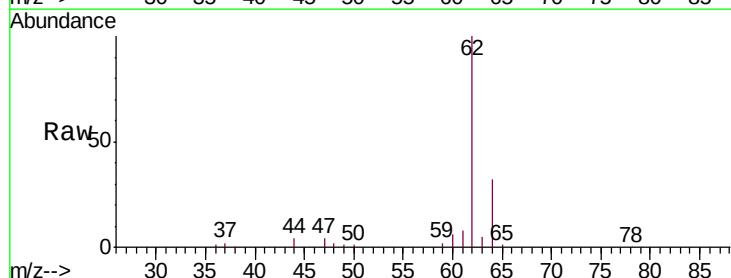
Acq: 23 Sep 2018 00:19

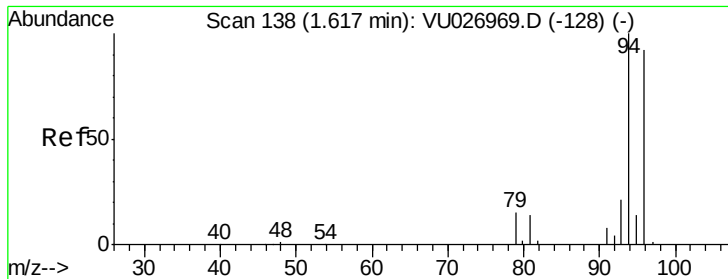
Tgt Ion: 62 Resp: 84613

Ion Ratio Lower Upper

62 100

64 31.5 25.5 38.3

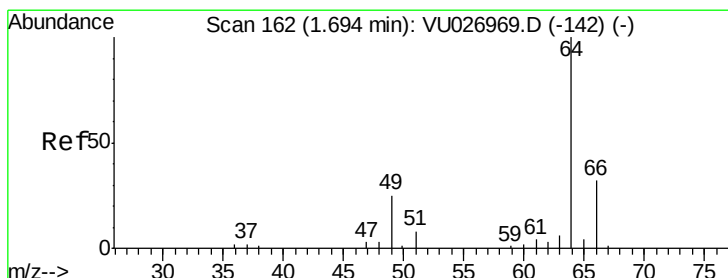
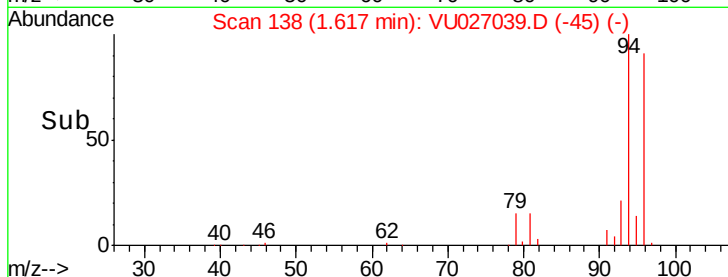
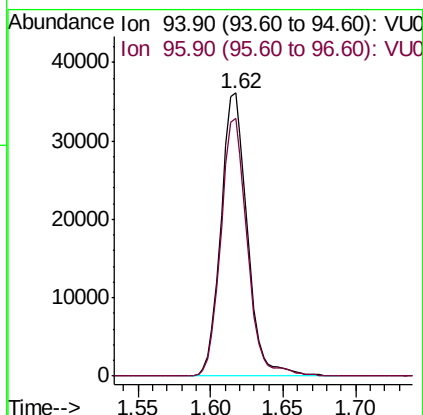
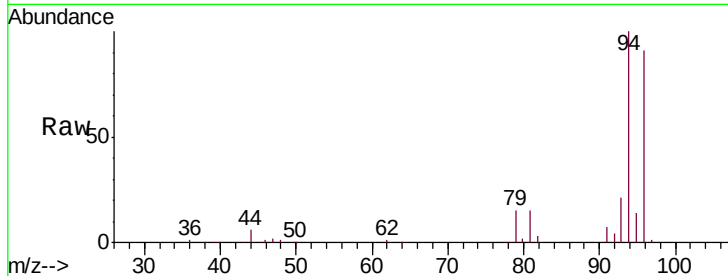




#5
Bromomethane
Concen: 46.340 ug/l
RT: 1.62 min Scan# 138
Delta R.T. 0.00 min
Lab File: VU027039.D
Acq: 23 Sep 2018 00:19

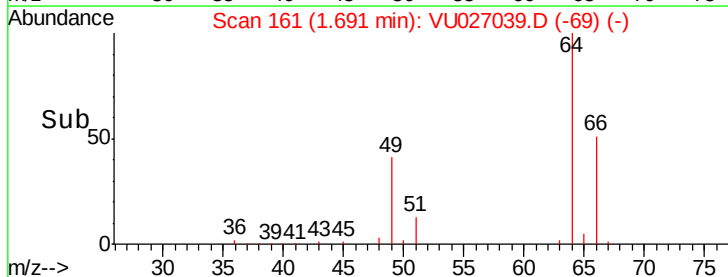
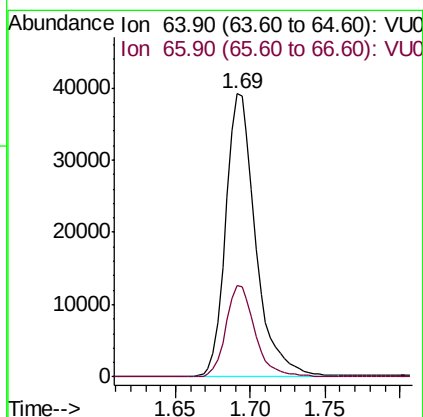
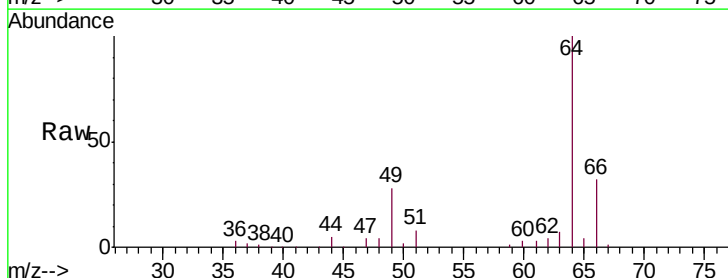
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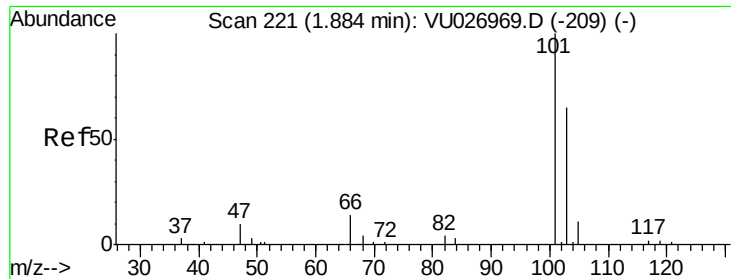
Tgt Ion: 94 Resp: 45481
Ion Ratio Lower Upper
94 100
96 91.3 73.2 109.8



#6
Chloroethane
Concen: 49.693 ug/l
RT: 1.69 min Scan# 161
Delta R.T. -0.00 min
Lab File: VU027039.D
Acq: 23 Sep 2018 00:19

Tgt Ion: 64 Resp: 54722
Ion Ratio Lower Upper
64 100
66 32.3 25.3 37.9



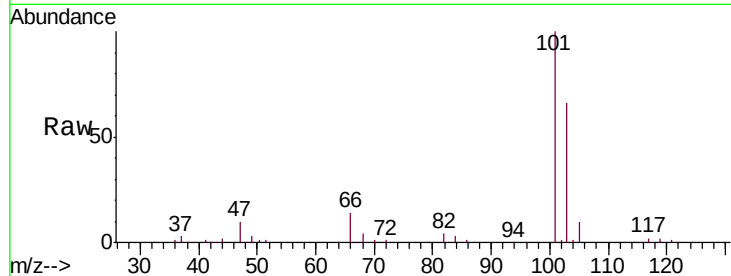


#7

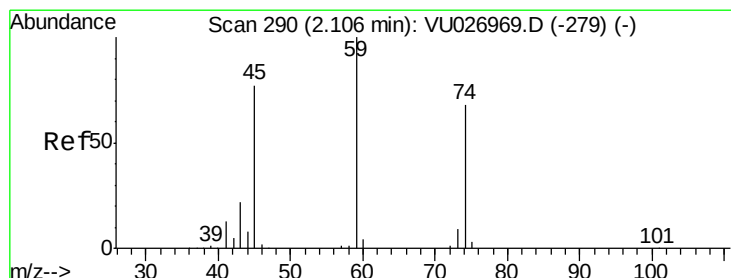
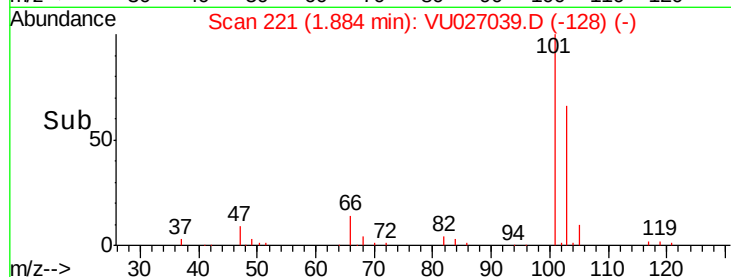
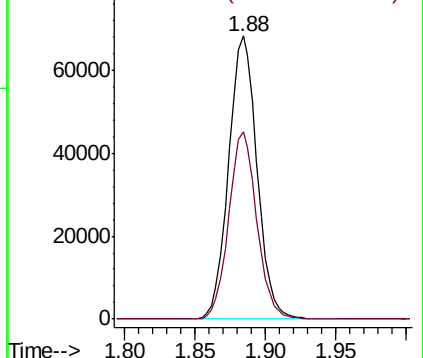
Trichlorofluoromethane
 Concen: 49.209 ug/l
 RT: 1.88 min Scan# 221
 Delta R.T. 0.00 min
 Lab File: VU027039.D
 Acq: 23 Sep 2018 00:19

Instrument :
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 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 101 Resp: 96325
 Ion Ratio Lower Upper
 101 100
 103 66.1 52.2 78.2



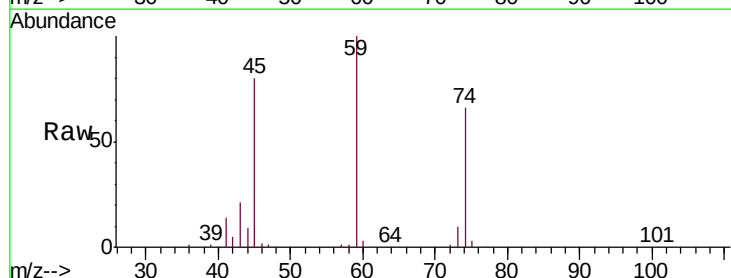
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



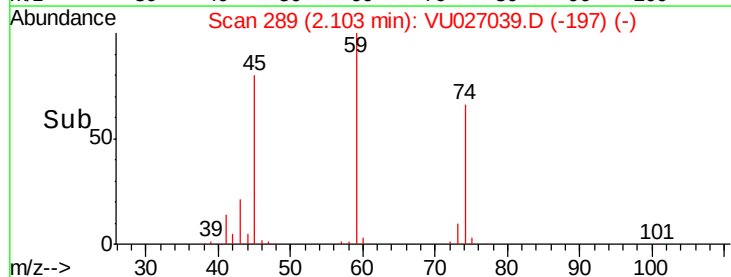
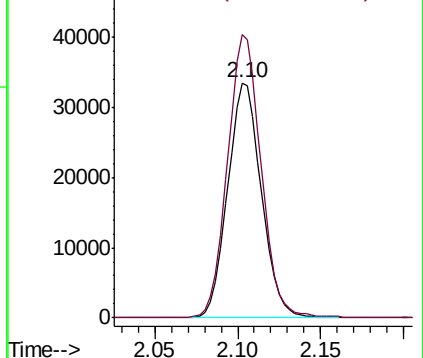
#8

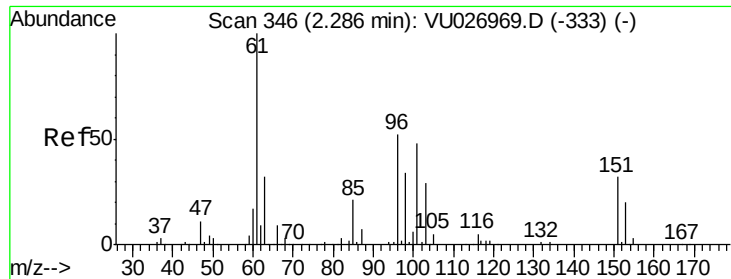
Diethyl Ether
 Concen: 50.145 ug/l
 RT: 2.10 min Scan# 289
 Delta R.T. -0.00 min
 Lab File: VU027039.D
 Acq: 23 Sep 2018 00:19

Tgt Ion: 74 Resp: 47246
 Ion Ratio Lower Upper
 74 100
 45 120.2 56.9 170.7



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

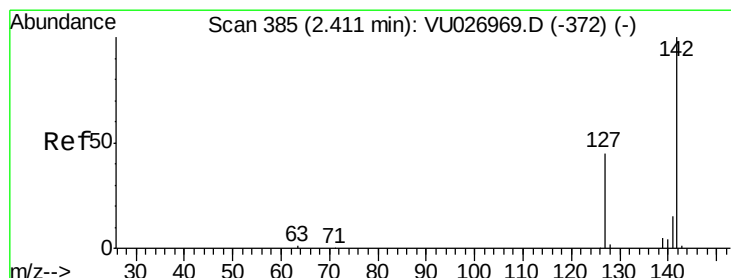
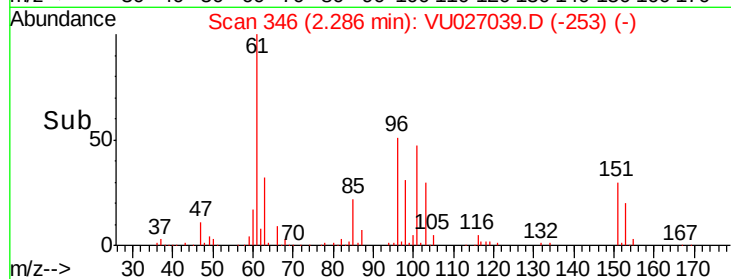
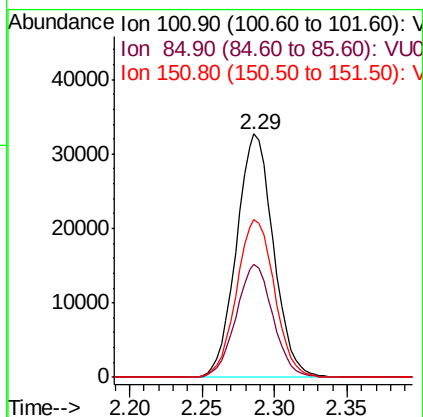
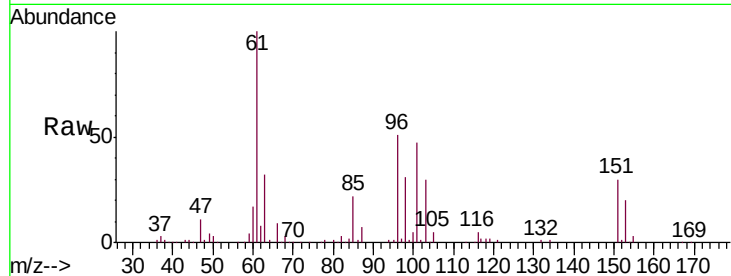




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 48.081 ug/l
 RT: 2.29 min Scan# 346
 Delta R.T. 0.00 min
 Lab File: VU027039.D
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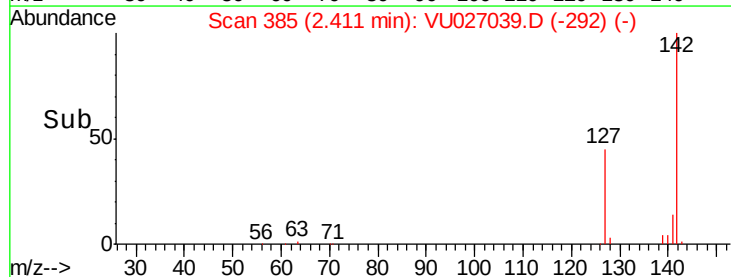
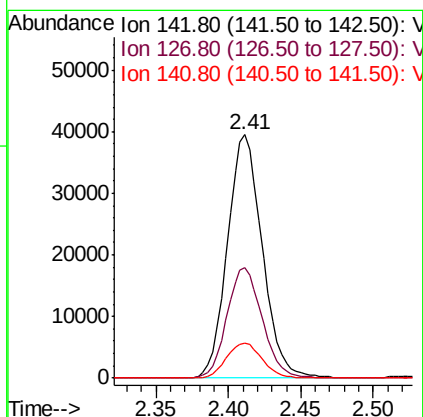
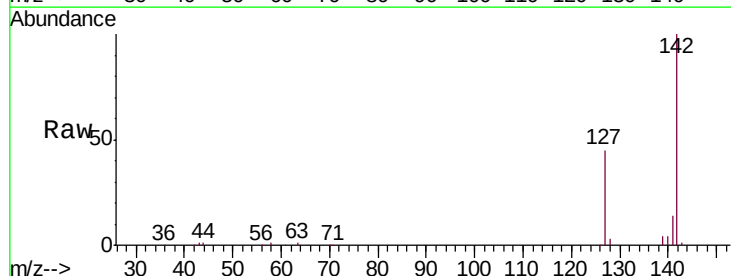
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

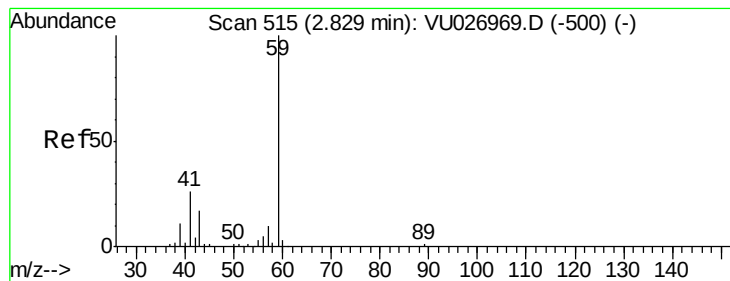
Tgt Ion:101 Resp: 57870
 Ion Ratio Lower Upper
 101 100
 85 46.0 36.2 54.2
 151 66.6 54.5 81.7



#10
 Methyl Iodide
 Concen: 44.123 ug/l
 RT: 2.41 min Scan# 385
 Delta R.T. 0.00 min
 Lab File: VU027039.D
 Acq: 23 Sep 2018 00:19

Tgt Ion:142 Resp: 65864
 Ion Ratio Lower Upper
 142 100
 127 45.9 36.7 55.1
 141 14.7 11.8 17.6



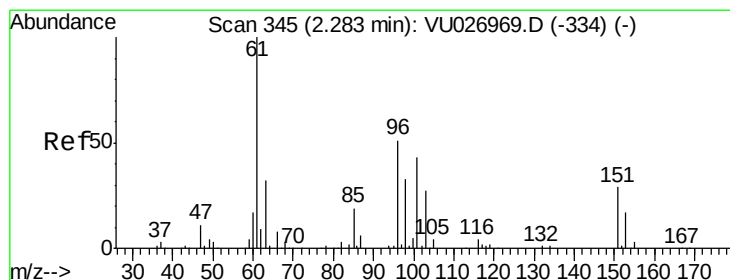
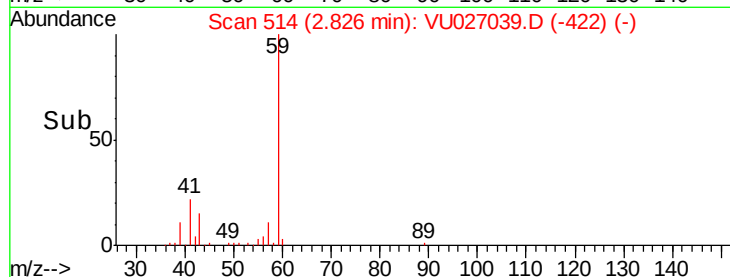
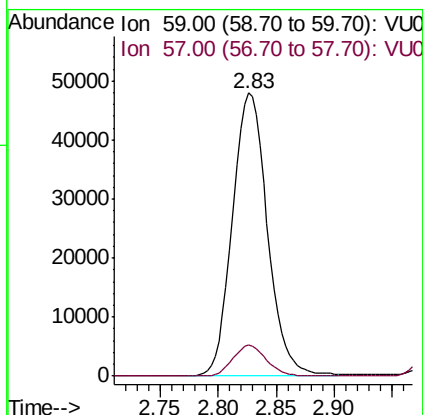
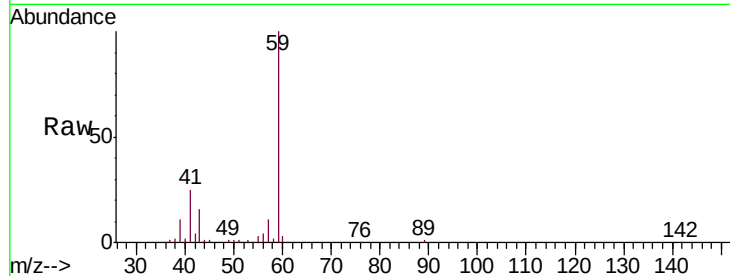


#11

Tert butyl alcohol
 Concen: 265.755 ug/l
 RT: 2.83 min Scan# 514
 Delta R.T. -0.00 min
 Lab File: VU027039.D
 Acq: 23 Sep 2018 00:19

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

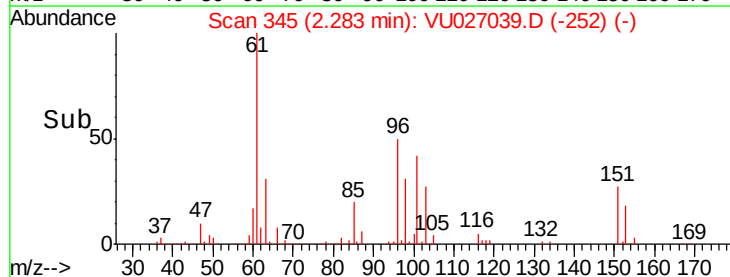
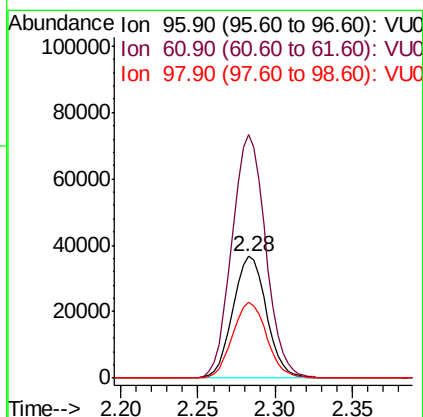
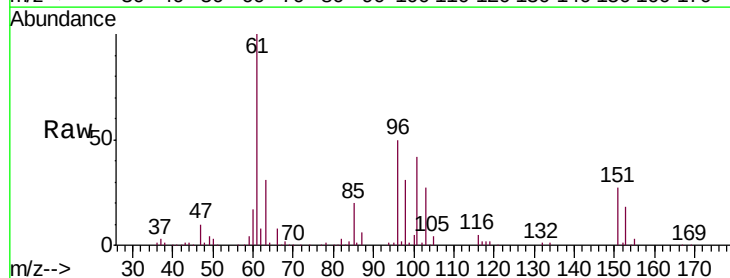
Tgt Ion: 59 Resp: 100557
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.5 12.7

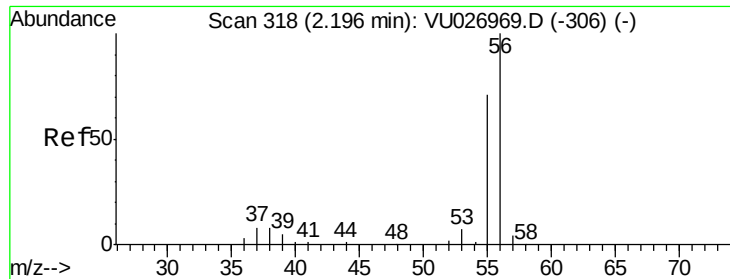


#12

1,1-Dichloroethene
 Concen: 49.006 ug/l
 RT: 2.28 min Scan# 345
 Delta R.T. 0.00 min
 Lab File: VU027039.D
 Acq: 23 Sep 2018 00:19

Tgt Ion: 96 Resp: 55516
 Ion Ratio Lower Upper
 96 100
 61 200.0 156.1 234.1
 98 62.0 51.4 77.0





#13

Acrolein

Concen: 247.881 ug/l

RT: 2.19 min Scan# 317

Delta R.T. -0.00 min

Lab File: VU027039.D

Acq: 23 Sep 2018 00:19

Instrument :

MSVOA_U

ClientSampleId :

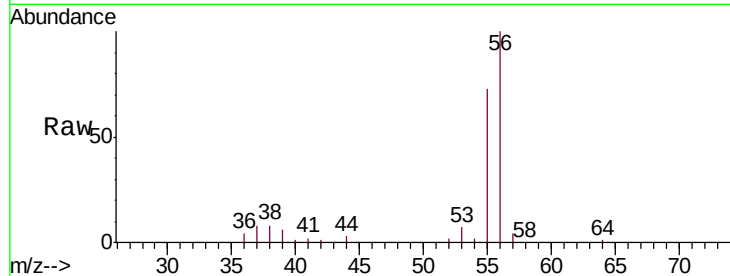
VSTDCCC050EC

Tgt Ion: 56 Resp: 50561

Ion Ratio Lower Upper

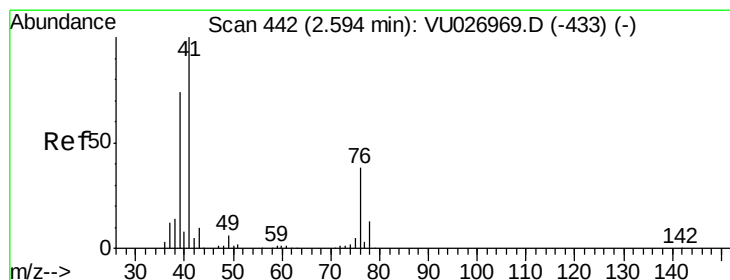
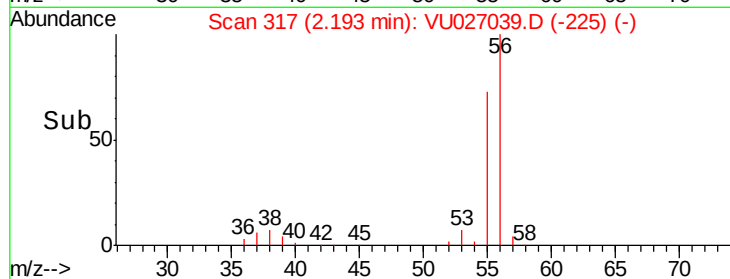
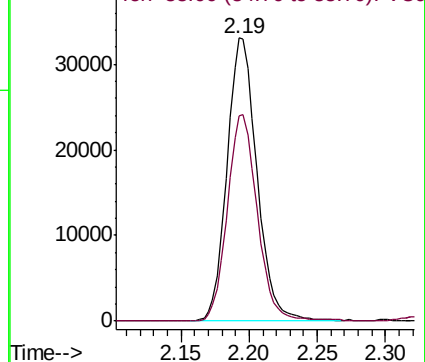
56 100

55 73.2 57.1 85.7



Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 55.00 (54.70 to 55.70): VU0



#14

Allyl chloride

Concen: 54.383 ug/l

RT: 2.59 min Scan# 441

Delta R.T. -0.00 min

Lab File: VU027039.D

Acq: 23 Sep 2018 00:19

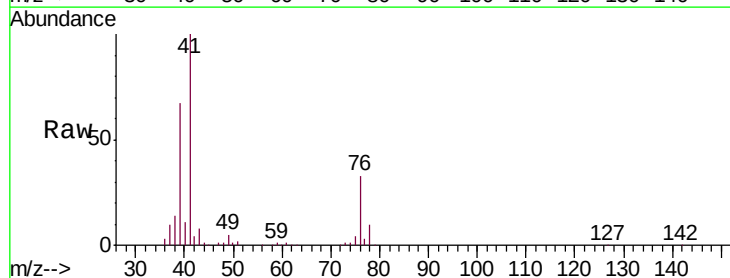
Tgt Ion: 41 Resp: 124954

Ion Ratio Lower Upper

41 100

39 68.0 55.7 83.5

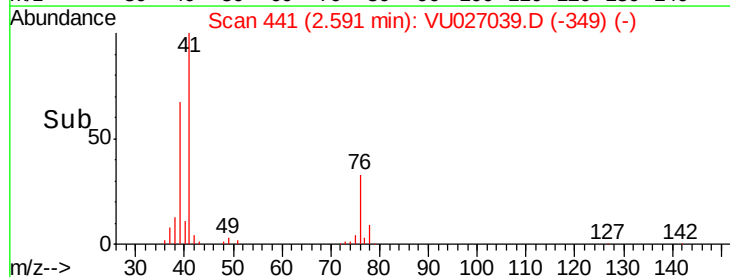
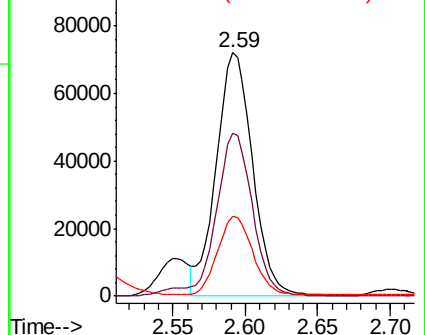
76 31.2 26.5 39.7

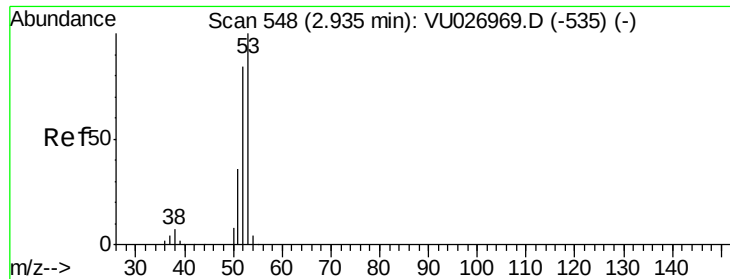


Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

Ion 75.90 (75.60 to 76.60): VU0





#15

Acrylonitrile

Concen: 262.699 ug/l

RT: 2.94 min Scan# 548

Delta R.T. 0.00 min

Lab File: VU027039.D

Acq: 23 Sep 2018 00:19

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

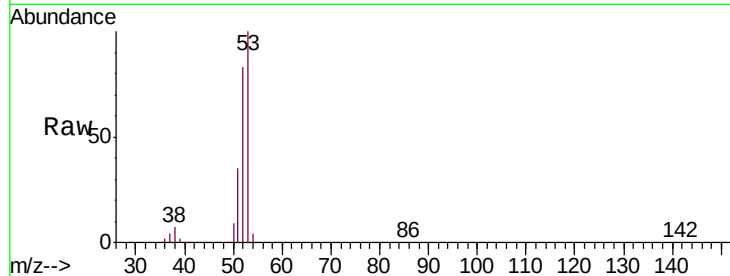
Tgt Ion: 53 Resp: 250527

Ion Ratio Lower Upper

53 100

52 83.4 65.7 98.5

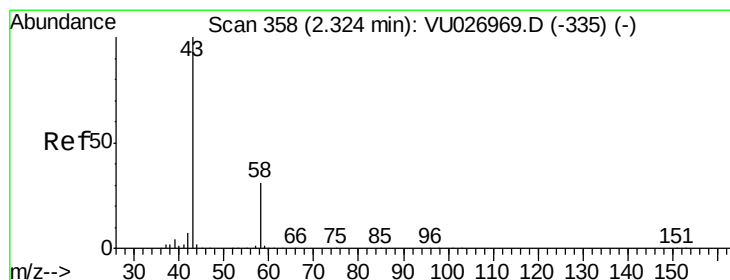
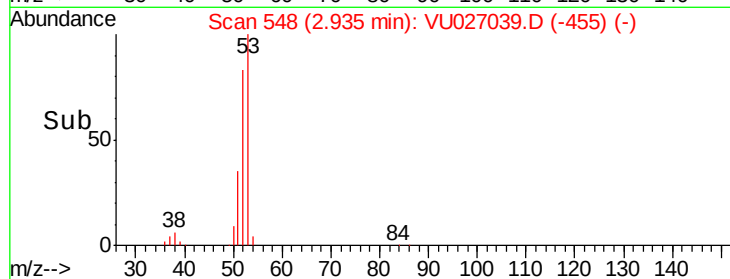
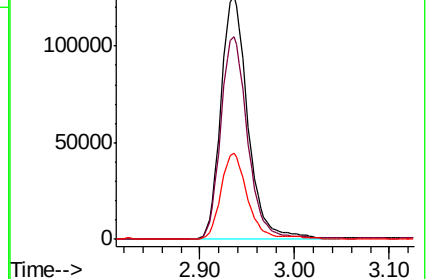
51 34.3 27.4 41.2



Abundance Ion 53.00 (52.70 to 53.70): VU027039.D (-535) (-)

Ion 52.00 (51.70 to 52.70): VU027039.D (-535) (-)

Ion 51.00 (50.70 to 51.70): VU027039.D (-535) (-)



#16

Acetone

Concen: 252.091 ug/l

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU027039.D

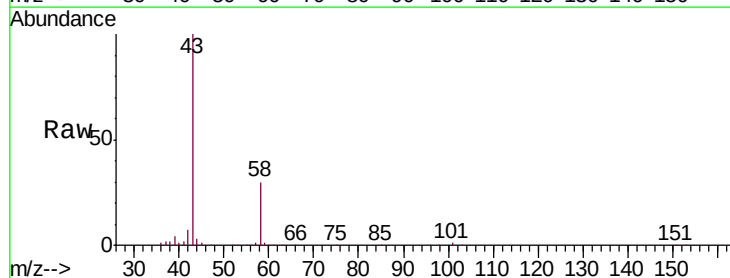
Acq: 23 Sep 2018 00:19

Tgt Ion: 43 Resp: 220938

Ion Ratio Lower Upper

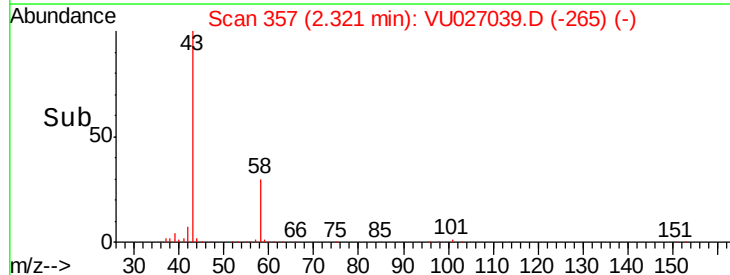
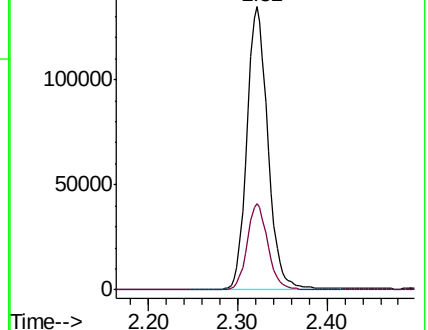
43 100

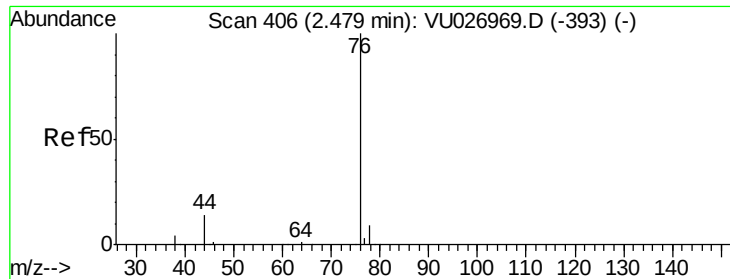
58 30.3 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VU027039.D (-265) (-)

Ion 58.00 (57.70 to 58.70): VU027039.D (-265) (-)





#17

Carbon Disulfide

Concen: 48.804 ug/l

RT: 2.48 min Scan# 406

Delta R.T. 0.00 min

Lab File: VU027039.D

Acq: 23 Sep 2018 00:19

Instrument :

MSVOA_U

ClientSampleId :

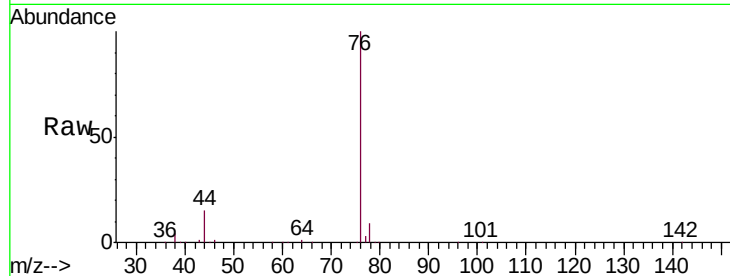
VSTDCCC050EC

Tgt Ion: 76 Resp: 180106

Ion Ratio Lower Upper

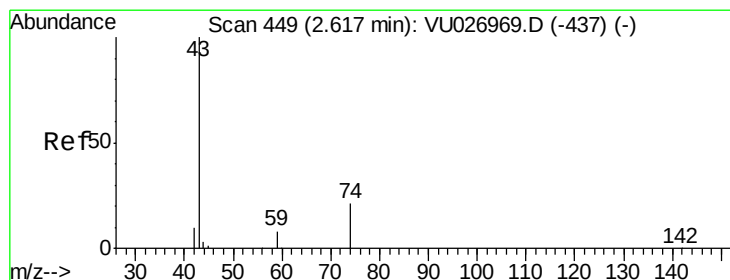
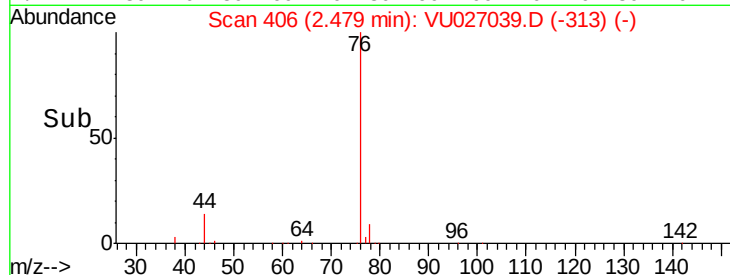
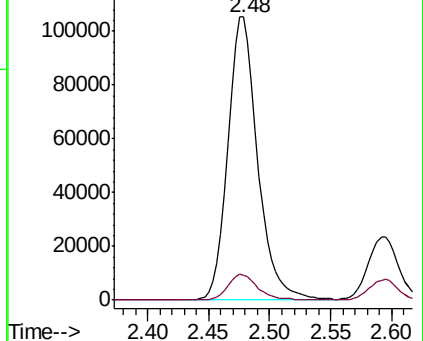
76 100

78 9.0 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VU026969.D (-393) (-)

Ion 77.90 (77.60 to 78.60): VU027039.D (-313) (-)



#18

Methyl Acetate

Concen: 53.411 ug/l

RT: 2.61 min Scan# 448

Delta R.T. -0.00 min

Lab File: VU027039.D

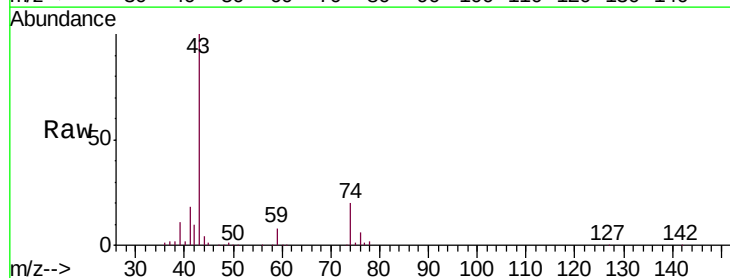
Acq: 23 Sep 2018 00:19

Tgt Ion: 43 Resp: 125498

Ion Ratio Lower Upper

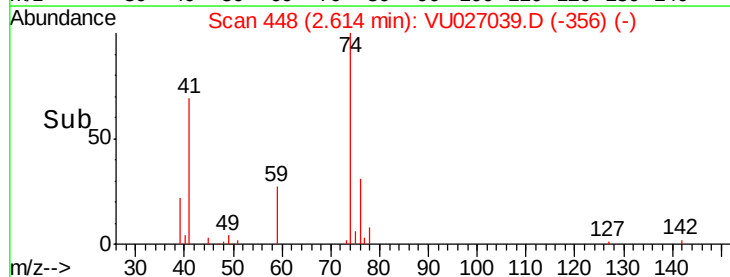
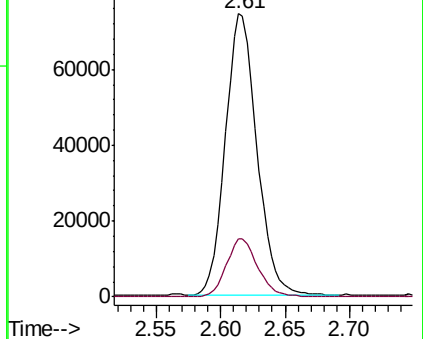
43 100

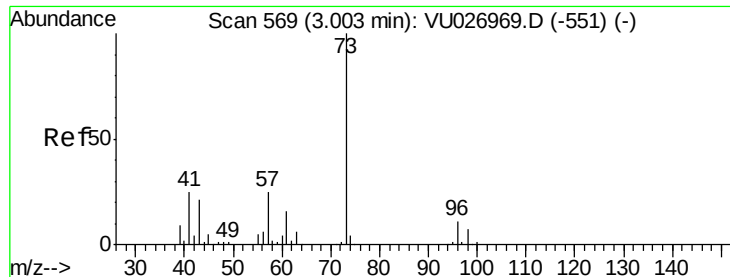
74 20.7 16.6 25.0



Abundance Ion 43.00 (42.70 to 43.70): VU026969.D (-437) (-)

Ion 74.00 (73.70 to 74.70): VU027039.D (-356) (-)





#19

Methyl tert-butyl Ether

Concen: 54.489 ug/l

RT: 3.00 min Scan# 568

Delta R.T. -0.00 min

Lab File: VU027039.D

Acq: 23 Sep 2018 00:19

Instrument :

MSVOA_U

ClientSampleId :

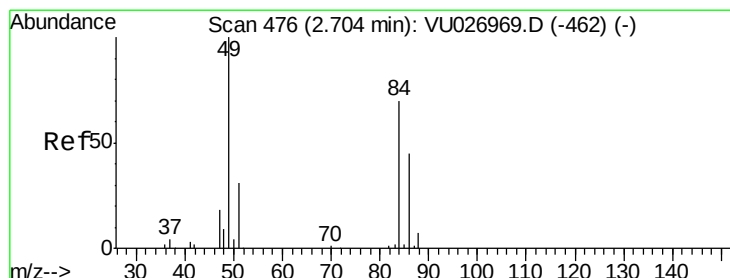
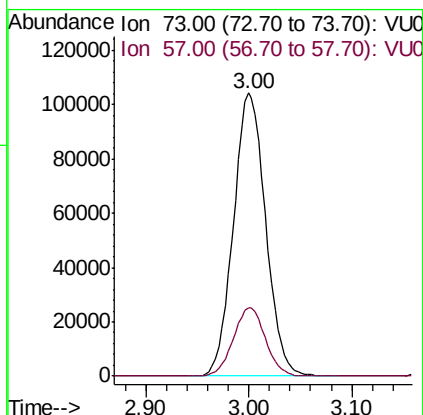
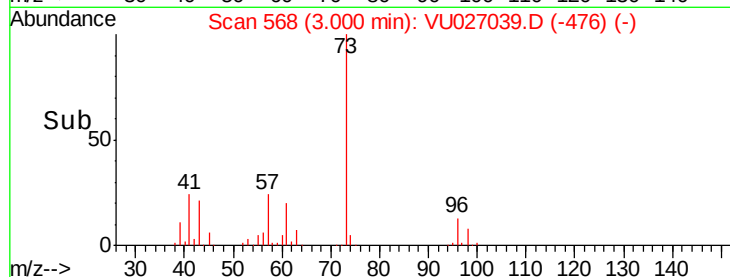
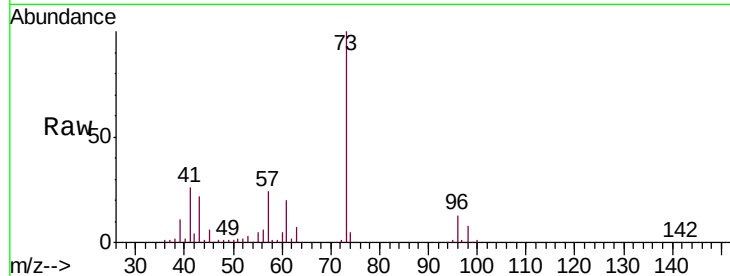
VSTDCCC050EC

Tgt Ion: 73 Resp: 226833

Ion Ratio Lower Upper

73 100

57 24.3 19.8 29.6



#20

Methylene Chloride

Concen: 47.858 ug/l

RT: 2.70 min Scan# 475

Delta R.T. -0.00 min

Lab File: VU027039.D

Acq: 23 Sep 2018 00:19

Tgt Ion: 84 Resp: 70756

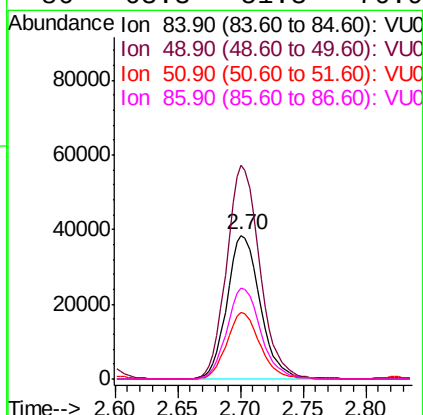
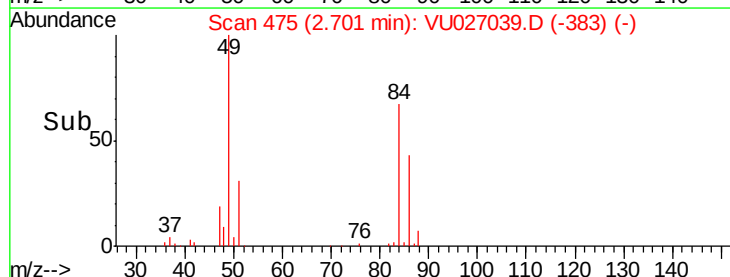
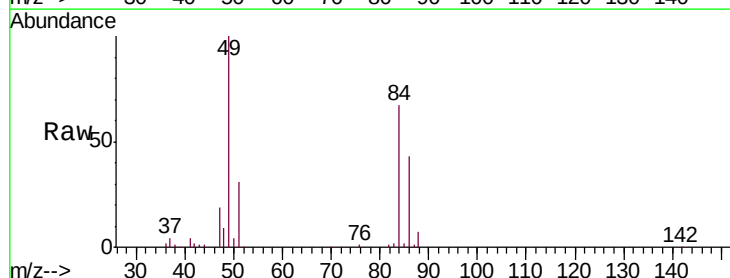
Ion Ratio Lower Upper

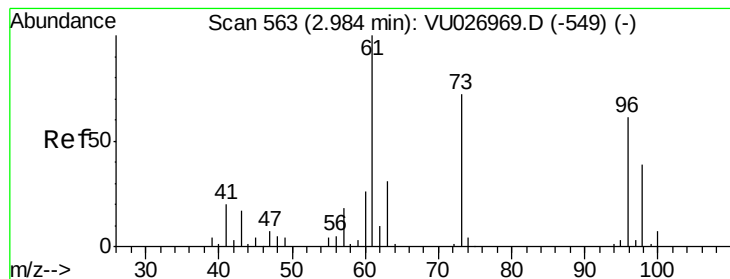
84 100

49 148.5 114.9 172.3

51 46.3 35.8 53.8

86 63.3 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 51.601 ug/l

RT: 2.98 min Scan# 563

Delta R.T. 0.00 min

Lab File: VU027039.D

Acq: 23 Sep 2018 00:19

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

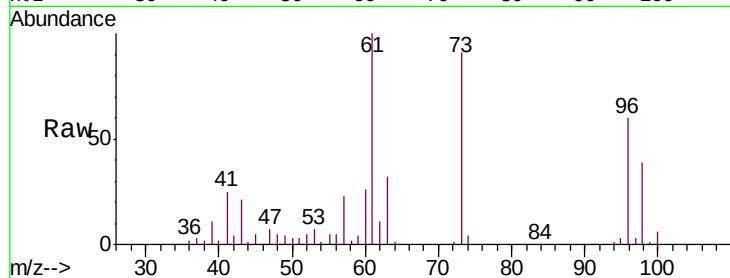
Tgt Ion: 96 Resp: 62412

Ion Ratio Lower Upper

96 100

61 168.0 131.8 197.6

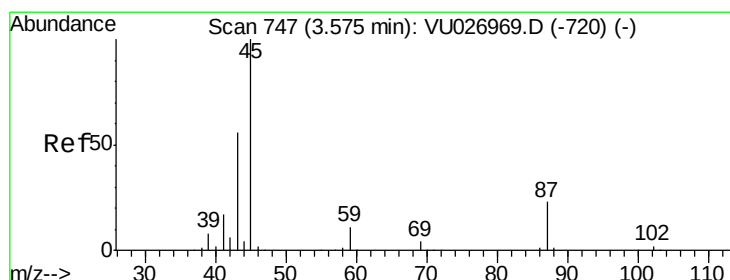
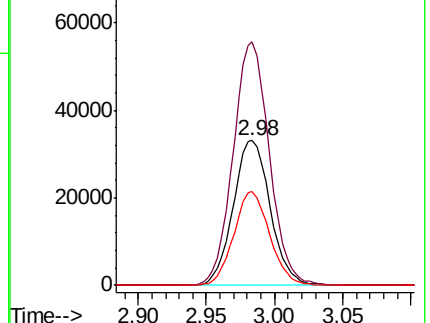
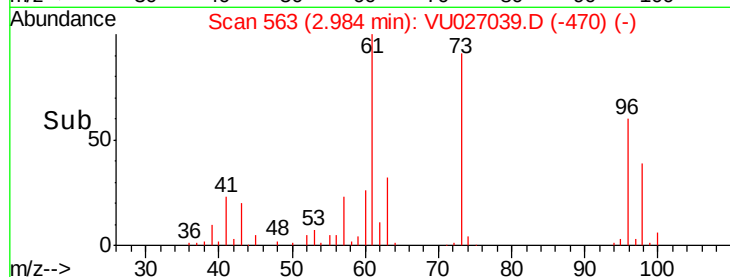
98 65.0 50.9 76.3



Abundance Ion 95.90 (95.60 to 96.60): VU027039.D (-470) (-)

Ion 60.90 (60.60 to 61.60): VU027039.D (-470) (-)

Ion 97.90 (97.60 to 98.60): VU027039.D (-470) (-)



#22

Diisopropyl ether

Concen: 56.640 ug/l

RT: 3.57 min Scan# 746

Delta R.T. -0.00 min

Lab File: VU027039.D

Acq: 23 Sep 2018 00:19

Tgt Ion: 45 Resp: 278361

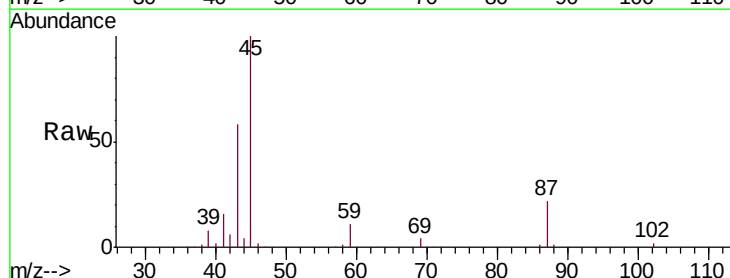
Ion Ratio Lower Upper

45 100

43 56.4 45.8 68.6

87 22.0 18.6 28.0

59 11.1 9.0 13.4

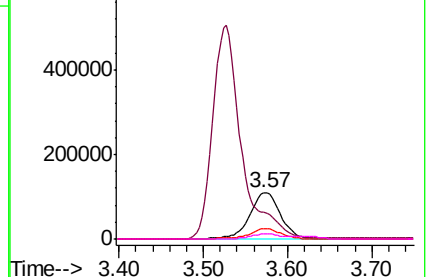
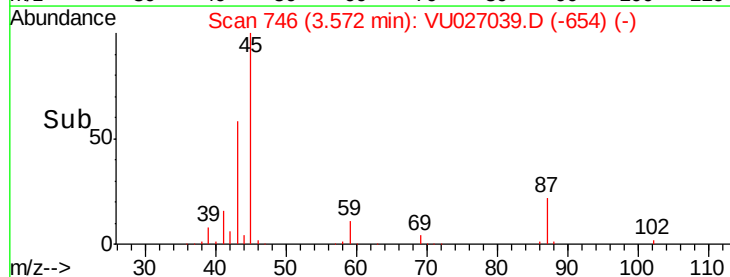


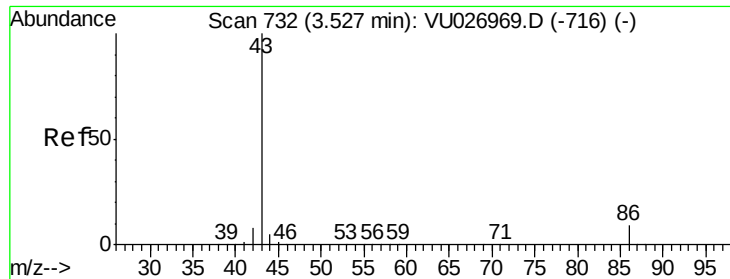
Abundance Ion 45.00 (44.70 to 45.70): VU027039.D (-654) (-)

Ion 43.00 (42.70 to 43.70): VU027039.D (-654) (-)

Ion 87.00 (86.70 to 87.70): VU027039.D (-654) (-)

Ion 59.00 (58.70 to 59.70): VU027039.D (-654) (-)





#23

Vinyl Acetate

Concen: 286.258 ug/l

RT: 3.53 min Scan# 732

Delta R.T. 0.00 min

Lab File: VU027039.D

Acq: 23 Sep 2018 00:19

Instrument :

MSVOA_U

ClientSampleId :

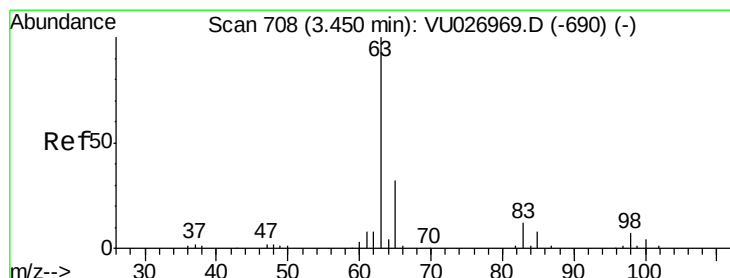
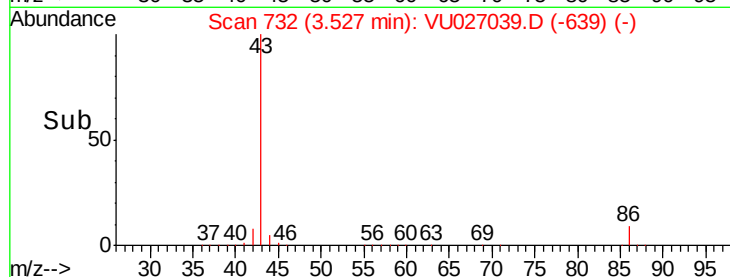
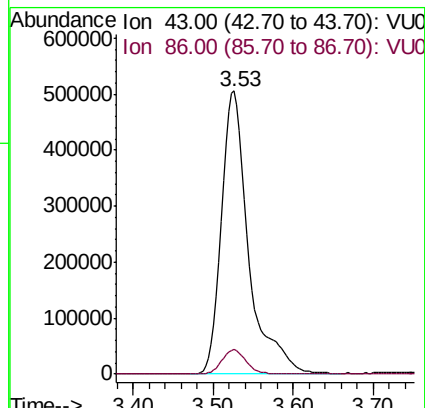
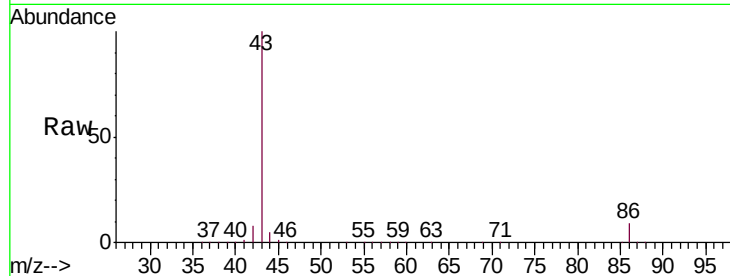
VSTDCCC050EC

Tgt Ion: 43 Resp: 1199209

Ion Ratio Lower Upper

43 100

86 8.6 7.2 10.8



#24

1,1-Dichloroethane

Concen: 53.116 ug/l

RT: 3.45 min Scan# 707

Delta R.T. -0.00 min

Lab File: VU027039.D

Acq: 23 Sep 2018 00:19

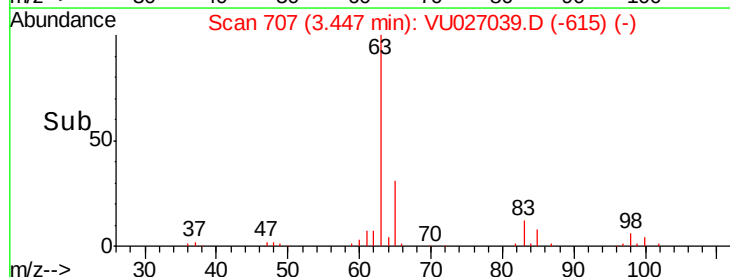
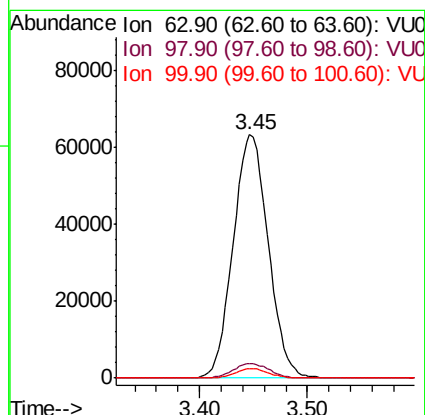
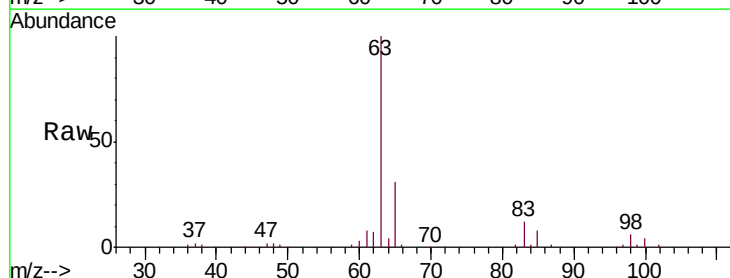
Tgt Ion: 63 Resp: 143771

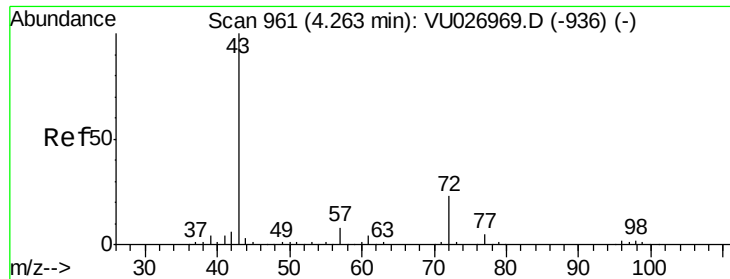
Ion Ratio Lower Upper

63 100

98 6.1 3.3 9.8

100 4.1 2.0 5.8





#25

2-Butanone

Concen: 256.867 ug/l

RT: 4.26 min Scan# 961

Delta R.T. 0.00 min

Lab File: VU027039.D

Acq: 23 Sep 2018 00:19

Instrument :

MSVOA_U

ClientSampleId :

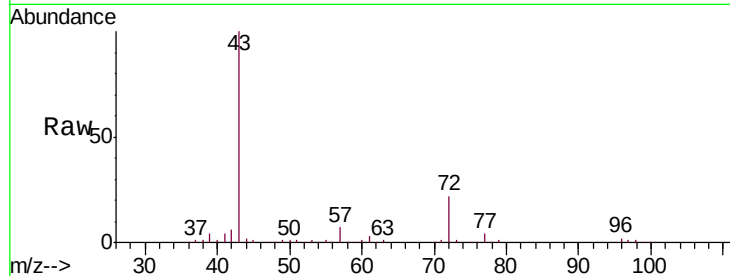
VSTDCCC050EC

Tgt Ion: 43 Resp: 356361

Ion Ratio Lower Upper

43 100

72 22.4 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) (-)

150000

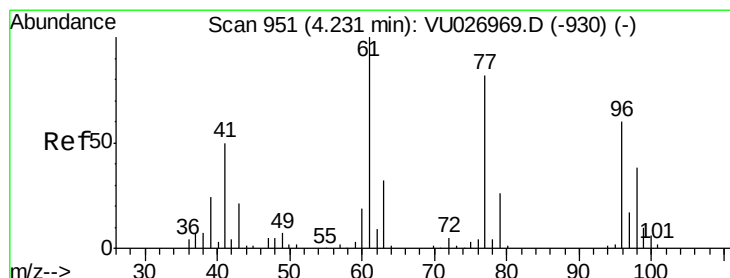
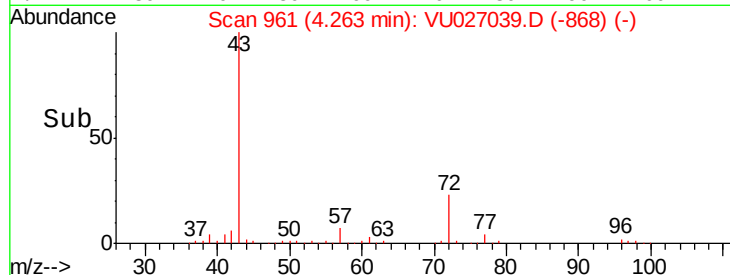
100000

50000

0

4.15 4.20 4.25 4.30 4.35

Time-->



#26

2,2-Dichloropropane

Concen: 43.881 ug/l

RT: 4.23 min Scan# 950

Delta R.T. -0.00 min

Lab File: VU027039.D

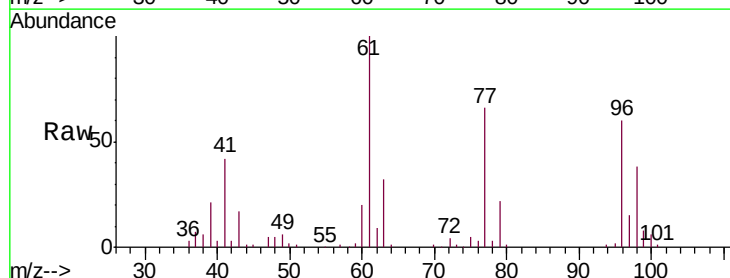
Acq: 23 Sep 2018 00:19

Tgt Ion: 77 Resp: 92630

Ion Ratio Lower Upper

77 100

97 21.6 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) (-)

40000

30000

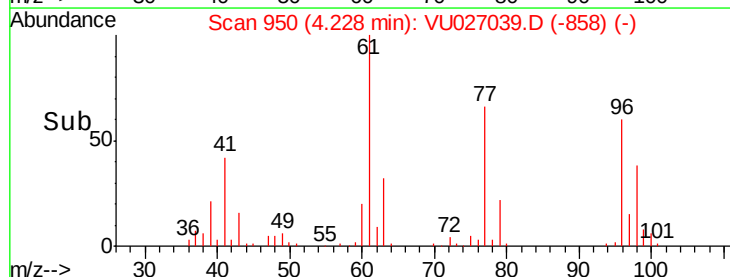
20000

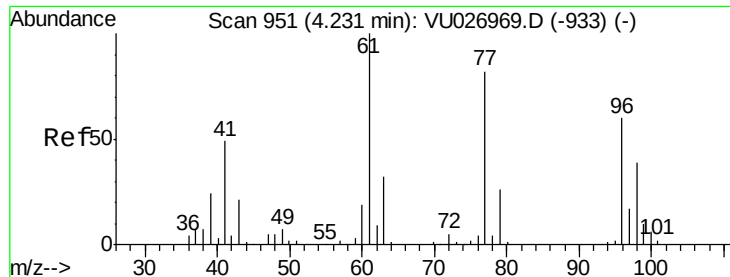
10000

0

4.10 4.20 4.30

Time-->

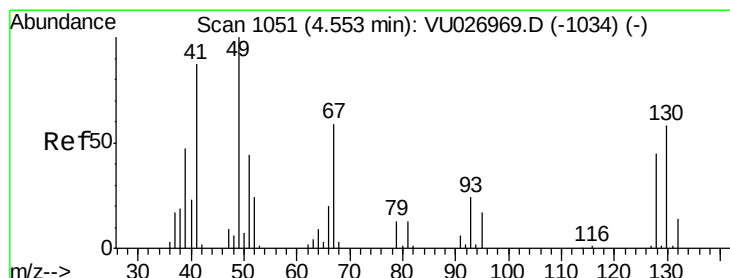
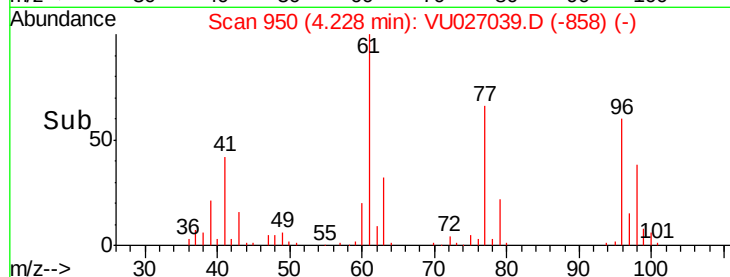
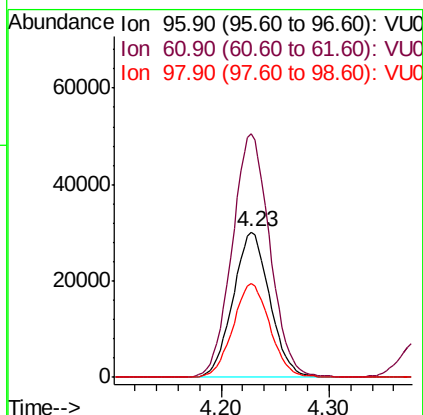
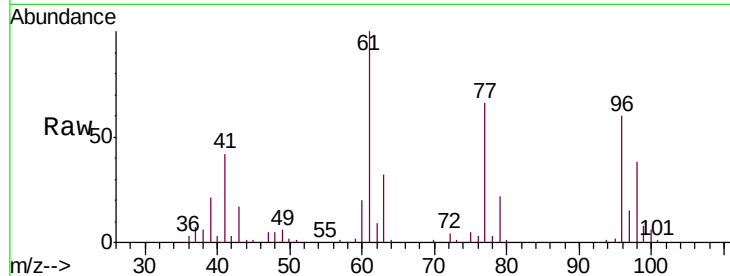




#27
 cis-1,2-Dichloroethene
 Concen: 52.315 ug/l
 RT: 4.23 min Scan# 950
 Delta R.T. -0.00 min
 Lab File: VU027039.D
 Acq: 23 Sep 2018 00:19

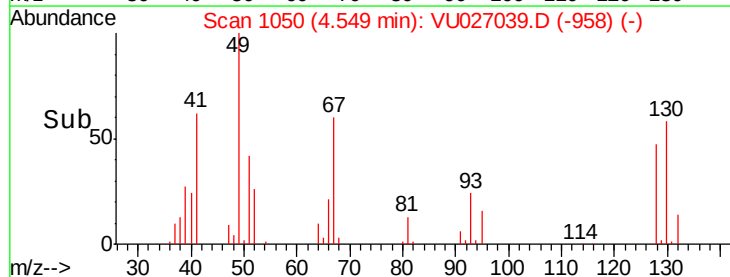
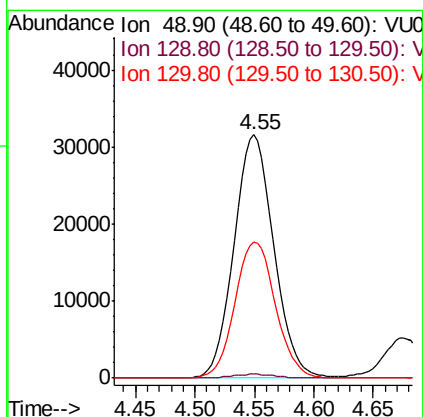
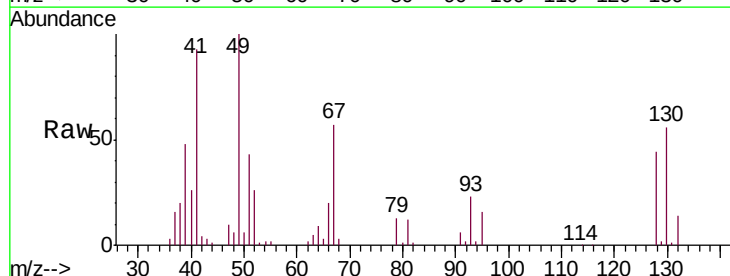
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

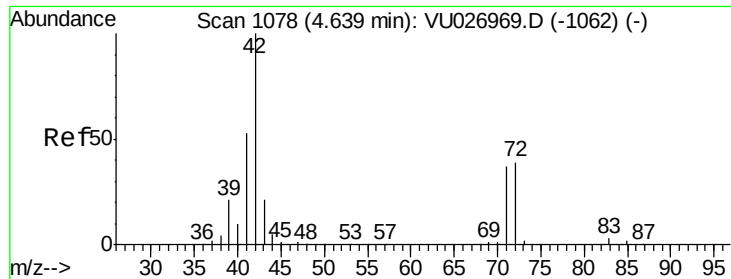
Tgt Ion: 96 Resp: 71458
 Ion Ratio Lower Upper
 96 100
 61 172.4 0.0 337.2
 98 64.8 0.0 127.6



#28
 Bromochloromethane
 Concen: 56.224 ug/l
 RT: 4.55 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VU027039.D
 Acq: 23 Sep 2018 00:19

Tgt Ion: 49 Resp: 73360
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 3.0
 130 56.9 47.8 71.8

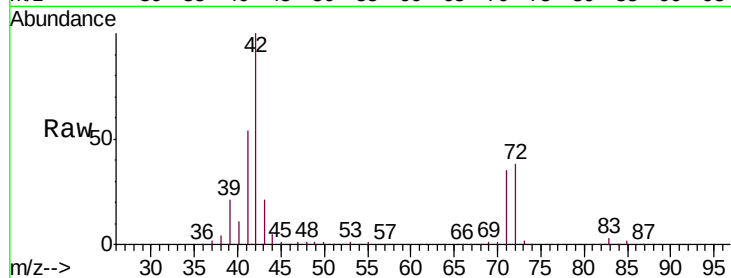




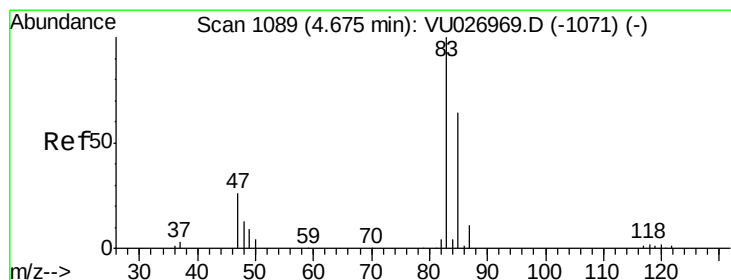
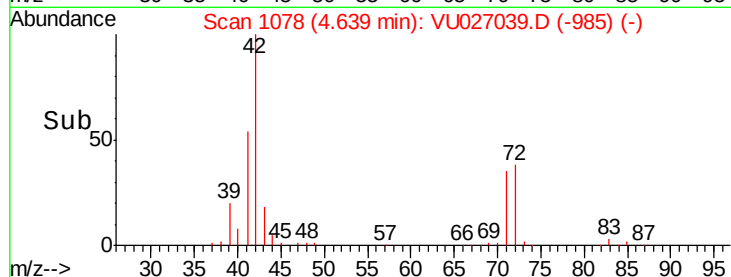
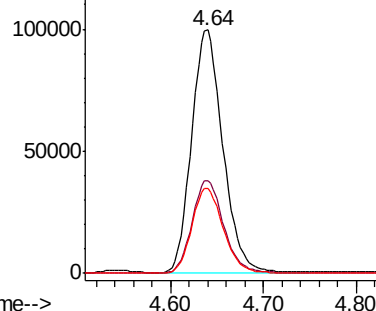
#29
Tetrahydrofuran
Concen: 277.327 ug/l
RT: 4.64 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VU027039.D
Acq: 23 Sep 2018 00:19

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 42 Resp: 232745
Ion Ratio Lower Upper
42 100
72 38.7 31.7 47.5
71 35.3 29.6 44.4

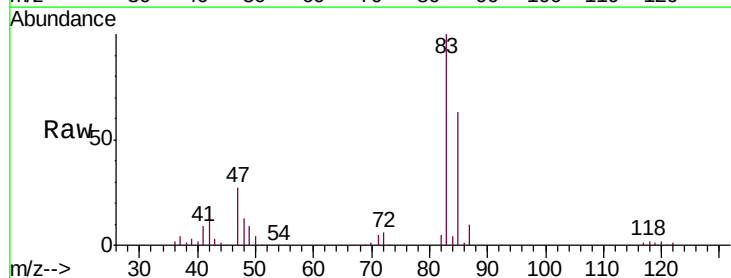


Abundance Ion 42.00 (41.70 to 42.70): VU0
Ion 72.00 (71.70 to 72.70): VU0
Ion 71.00 (70.70 to 71.70): VU0

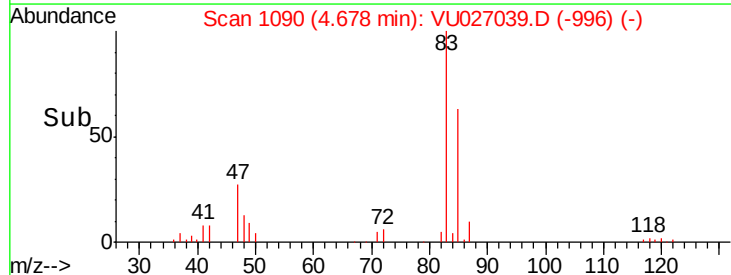
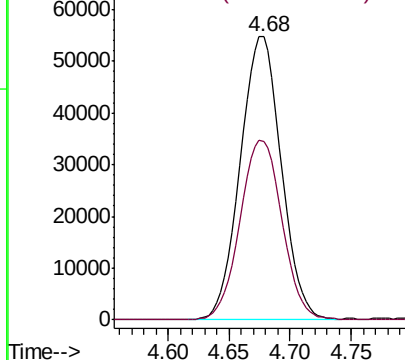


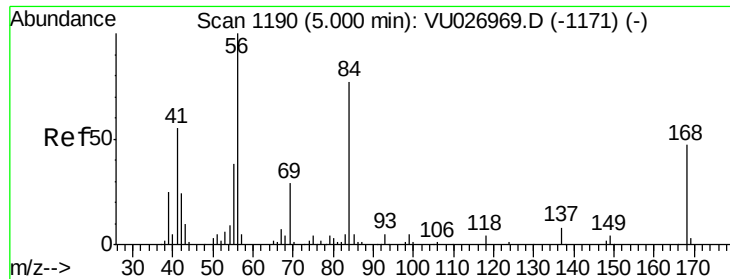
#30
Chloroform
Concen: 50.599 ug/l
RT: 4.68 min Scan# 1090
Delta R.T. 0.00 min
Lab File: VU027039.D
Acq: 23 Sep 2018 00:19

Tgt Ion: 83 Resp: 127130
Ion Ratio Lower Upper
83 100
85 62.9 51.5 77.3



Abundance Ion 82.90 (82.60 to 83.60): VU0
Ion 84.90 (84.60 to 85.60): VU0

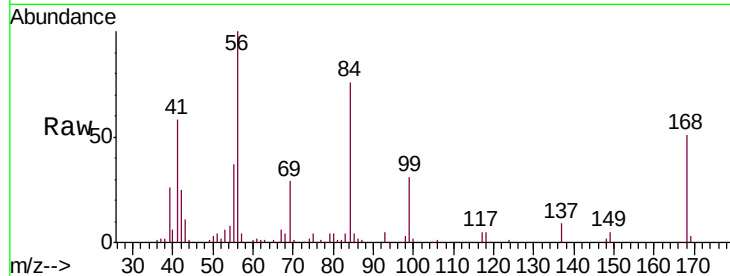




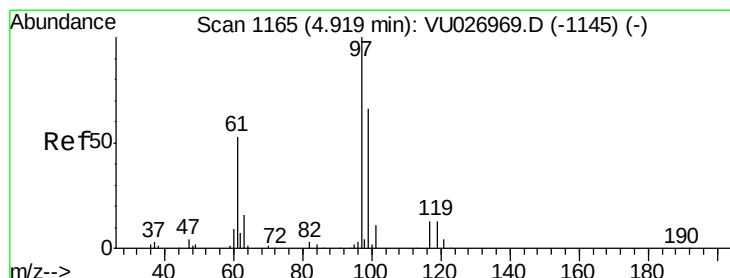
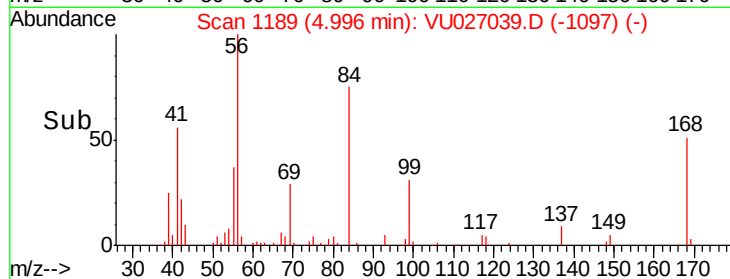
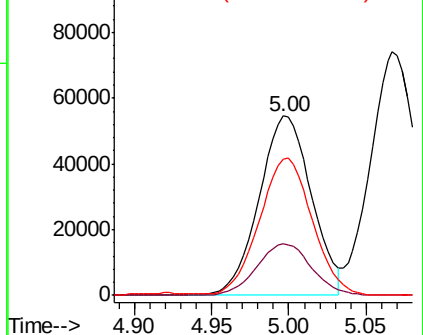
#31
Cyclohexane
Concen: 52.327 ug/l
RT: 5.00 min Scan# 1189
Delta R.T. -0.00 min
Lab File: VU027039.D
Acq: 23 Sep 2018 00:19

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 128682
Ion Ratio Lower Upper
56 100
69 28.7 23.0 34.4
84 75.5 61.4 92.2

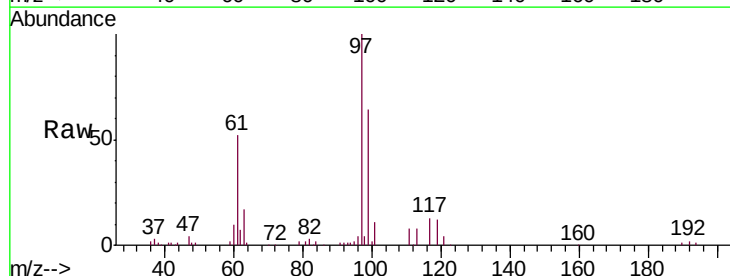


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

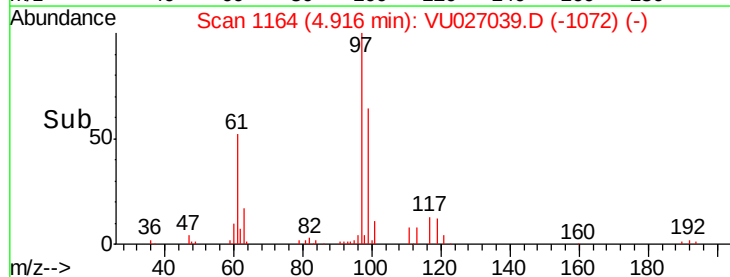
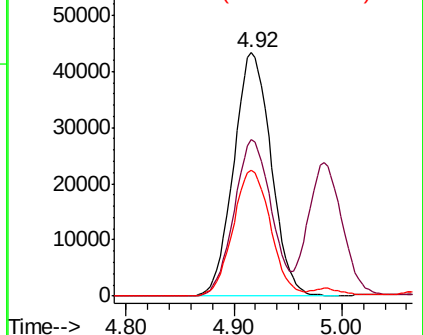


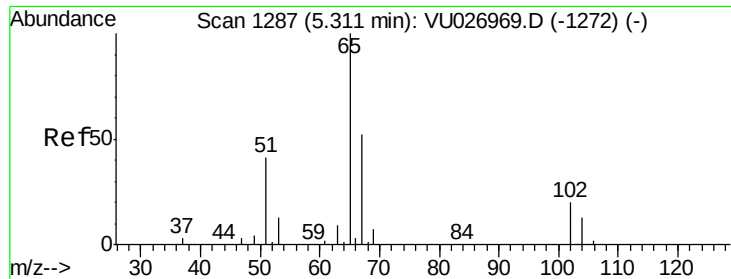
#32
1,1,1-Trichloroethane
Concen: 52.235 ug/l
RT: 4.92 min Scan# 1164
Delta R.T. -0.00 min
Lab File: VU027039.D
Acq: 23 Sep 2018 00:19

Tgt Ion: 97 Resp: 104786
Ion Ratio Lower Upper
97 100
99 64.3 51.8 77.6
61 52.0 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

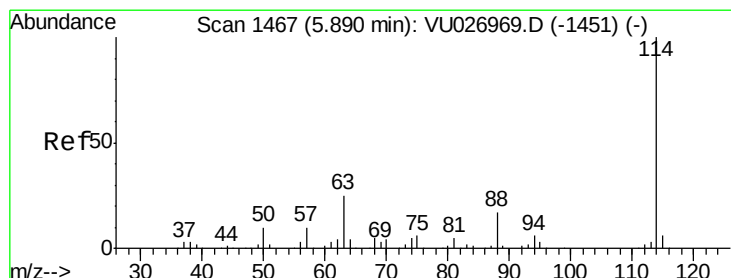
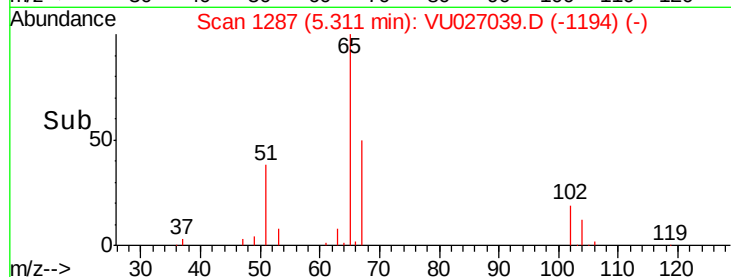
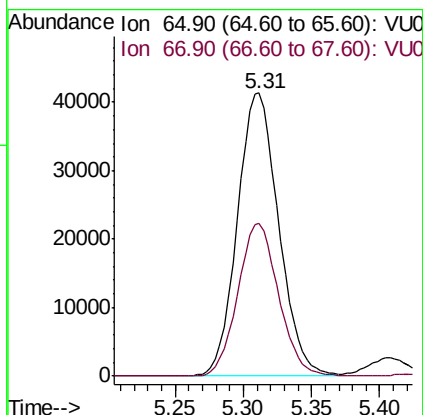
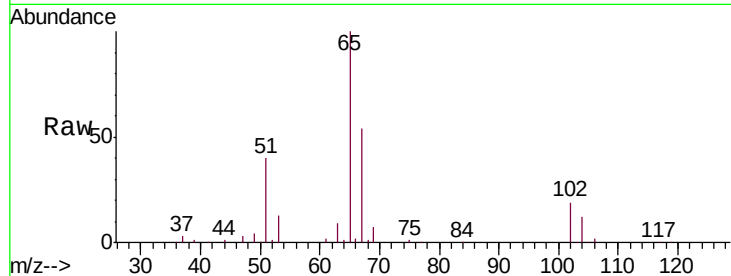




#33
 1,2-Dichloroethane-d4
 Concen: 52.632 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: VU027039.D
 Acq: 23 Sep 2018 00:19

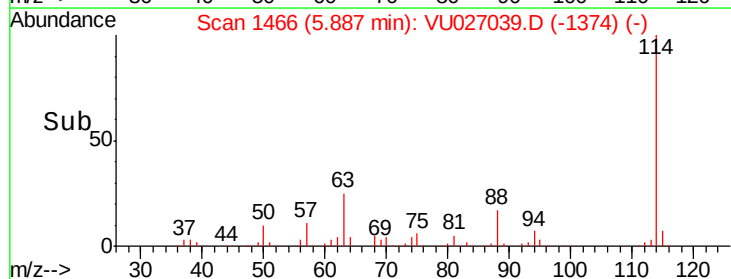
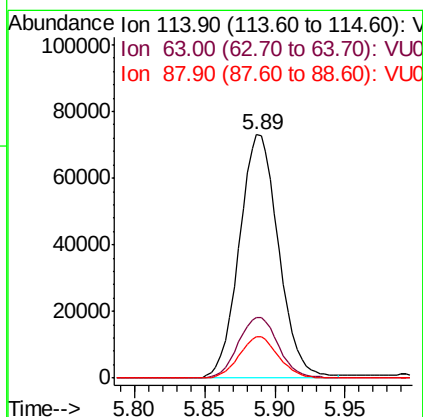
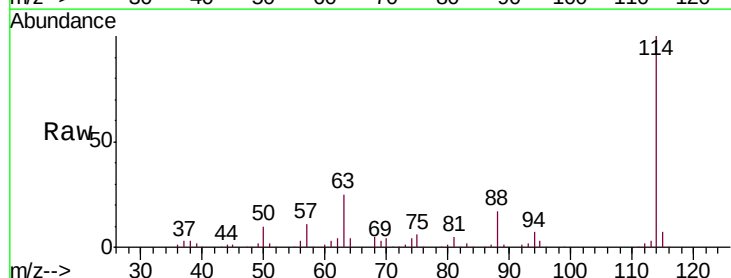
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

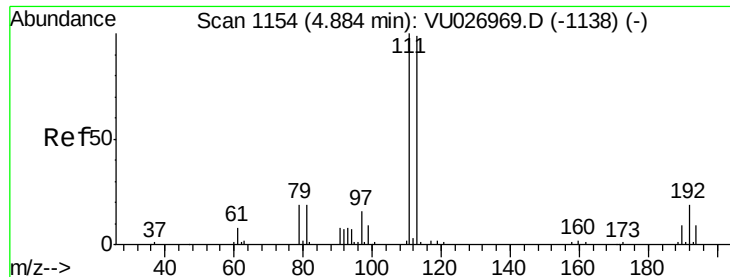
Tgt Ion: 65 Resp: 86886
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: VU027039.D
 Acq: 23 Sep 2018 00:19

Tgt Ion: 114 Resp: 142686
 Ion Ratio Lower Upper
 114 100
 63 24.9 0.0 49.2
 88 16.8 0.0 33.8

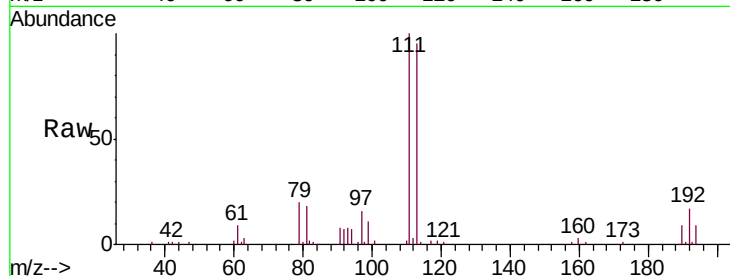




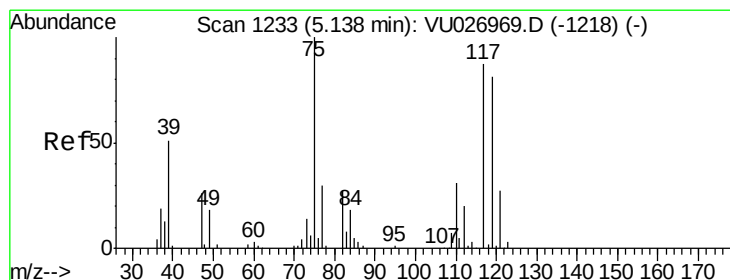
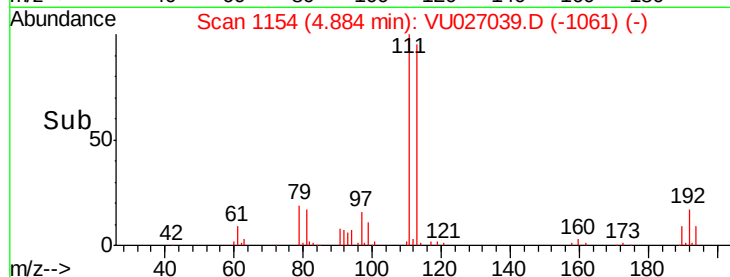
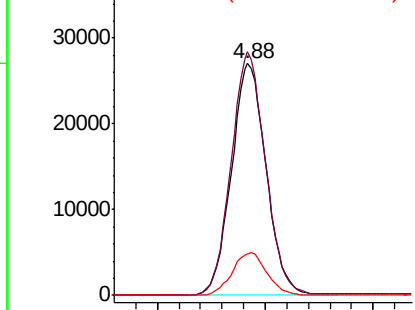
#35
 Dibromofluoromethane
 Concen: 49.141 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU027039.D
 Acq: 23 Sep 2018 00:19

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 113 Resp: 60778
 Ion Ratio Lower Upper
 113 100
 111 103.5 82.2 123.4
 192 18.3 15.2 22.8

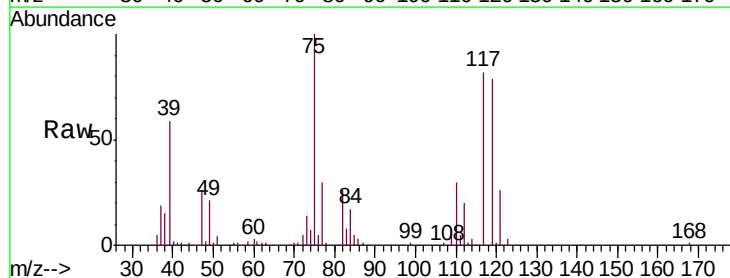


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

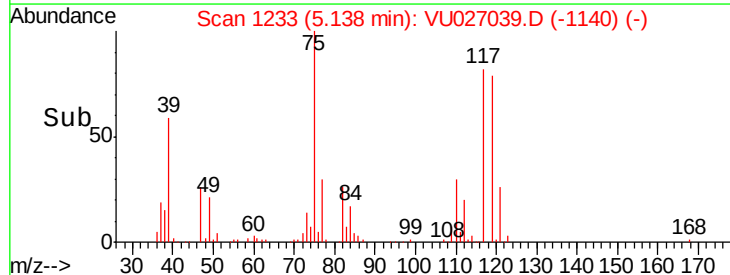
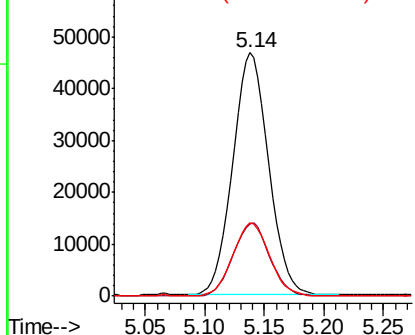


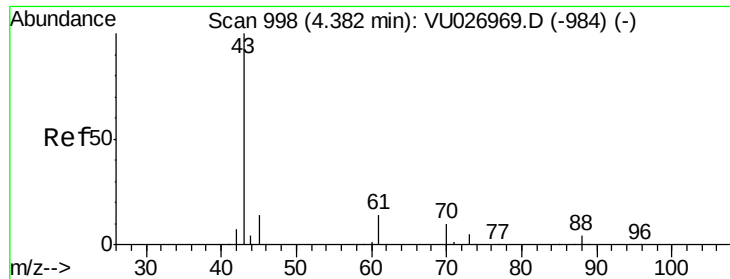
#36
 1,1-Dichloropropene
 Concen: 51.190 ug/l
 RT: 5.14 min Scan# 1233
 Delta R.T. 0.00 min
 Lab File: VU027039.D
 Acq: 23 Sep 2018 00:19

Tgt Ion: 75 Resp: 97482
 Ion Ratio Lower Upper
 75 100
 110 30.9 16.1 48.2
 77 31.0 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

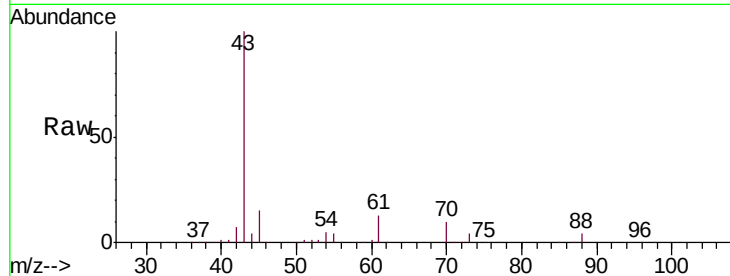




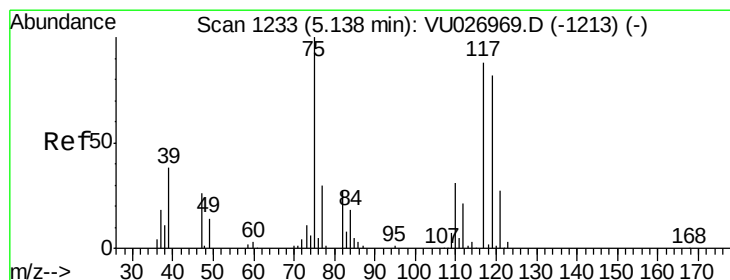
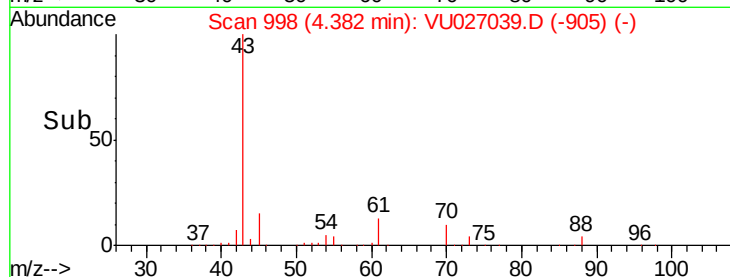
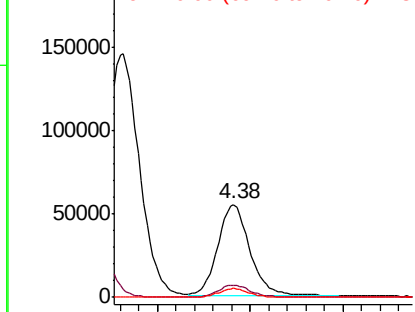
#37
Ethyl Acetate
Concen: 51.334 ug/l
RT: 4.38 min Scan# 998
Delta R.T. 0.00 min
Lab File: VU027039.D
Acq: 23 Sep 2018 00:19

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 132336
Ion Ratio Lower Upper
43 100
61 13.3 10.5 15.7
70 9.1 7.4 11.0

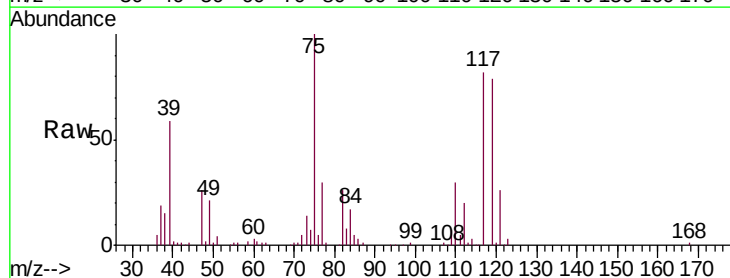


Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 60.90 (60.60 to 61.60): VU0
Ion 70.00 (69.70 to 70.70): VU0

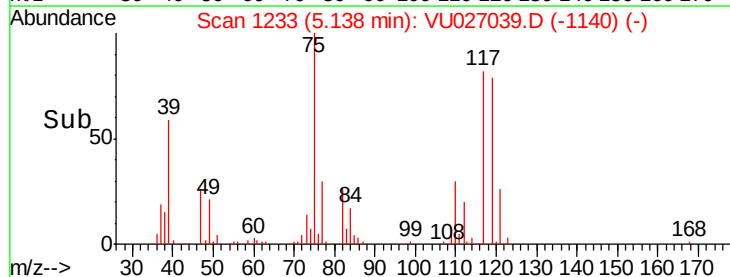
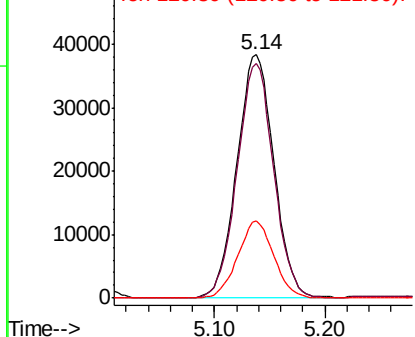


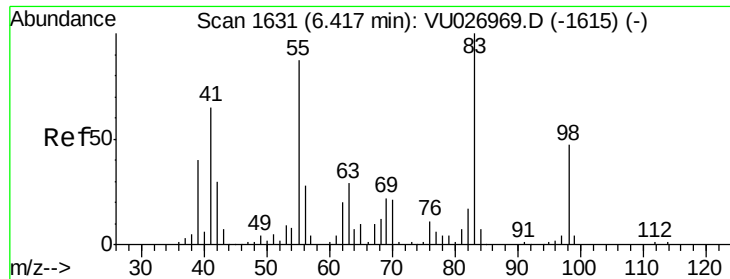
#38
Carbon Tetrachloride
Concen: 49.151 ug/l
RT: 5.14 min Scan# 1233
Delta R.T. 0.00 min
Lab File: VU027039.D
Acq: 23 Sep 2018 00:19

Tgt Ion: 117 Resp: 89072
Ion Ratio Lower Upper
117 100
119 96.2 74.4 111.6
121 31.6 24.2 36.4



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

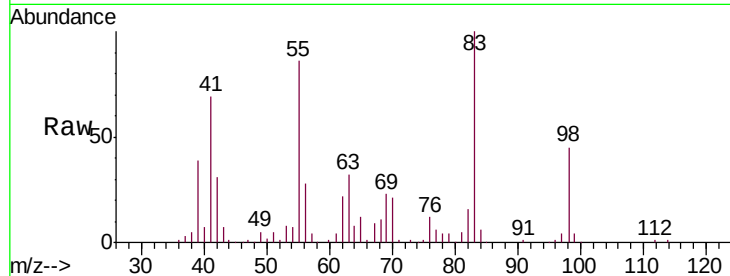




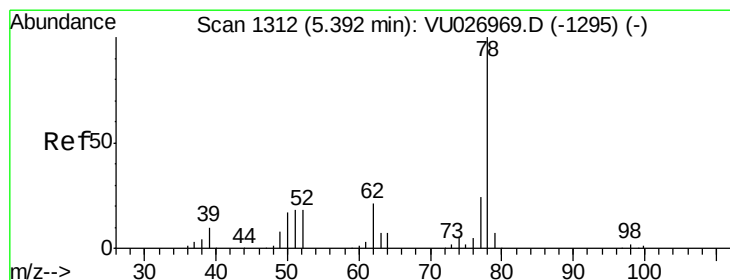
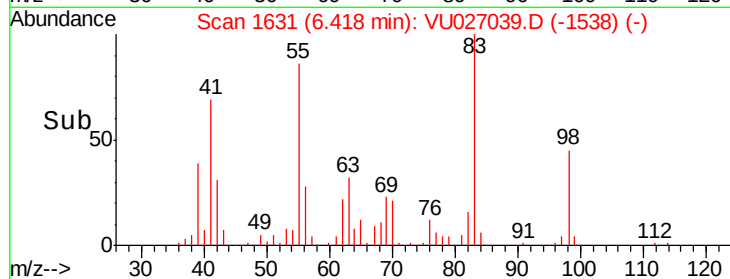
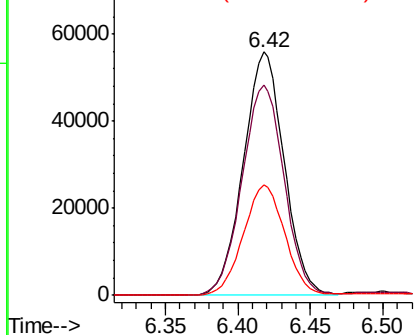
#39
Methylcyclohexane
Concen: 53.006 ug/l
RT: 6.42 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VU027039.D
Acq: 23 Sep 2018 00:19

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 109693
Ion Ratio Lower Upper
83 100
55 86.4 69.9 104.9
98 45.3 37.5 56.3

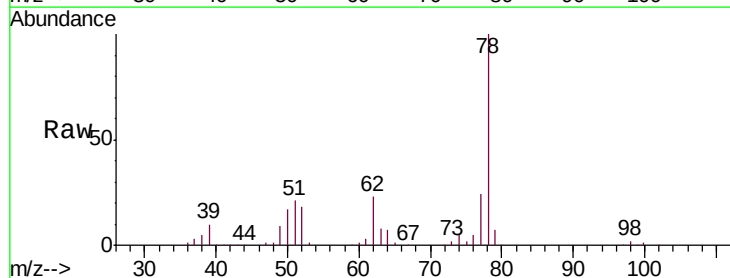


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

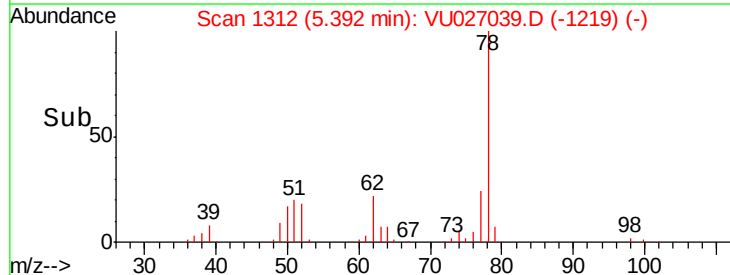
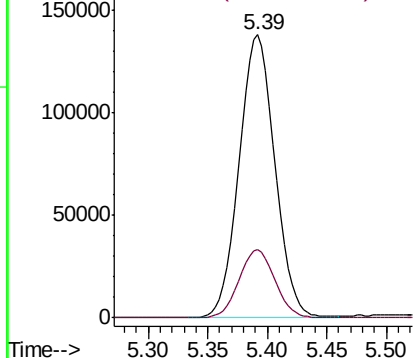


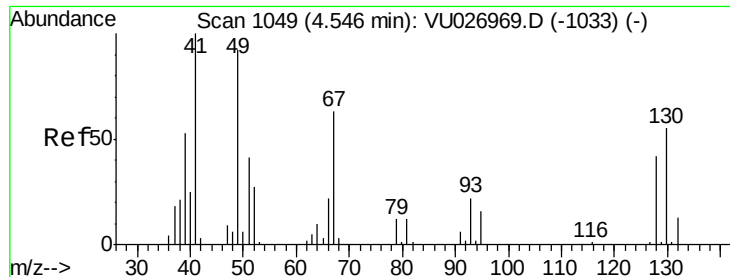
#40
Benzene
Concen: 49.691 ug/l
RT: 5.39 min Scan# 1312
Delta R.T. 0.00 min
Lab File: VU027039.D
Acq: 23 Sep 2018 00:19

Tgt Ion: 78 Resp: 287663
Ion Ratio Lower Upper
78 100
77 24.0 19.4 29.0



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

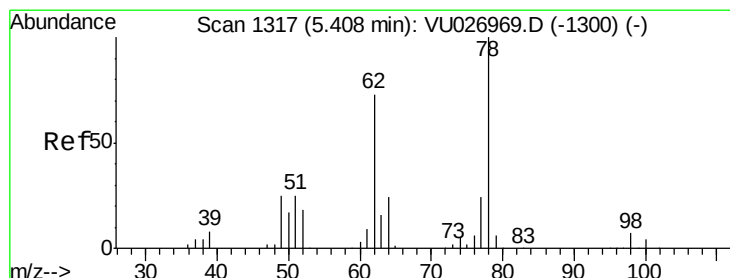
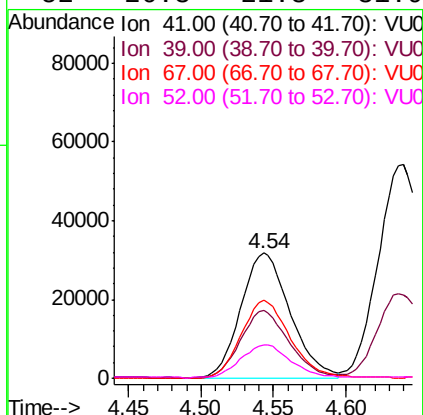
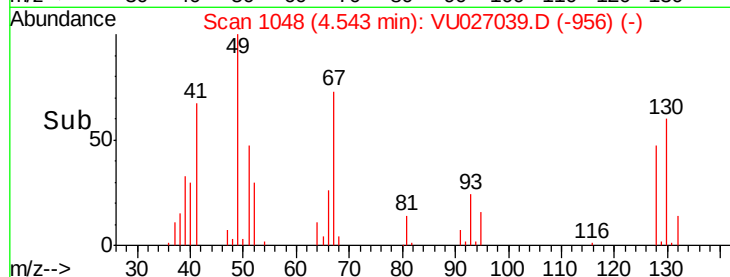
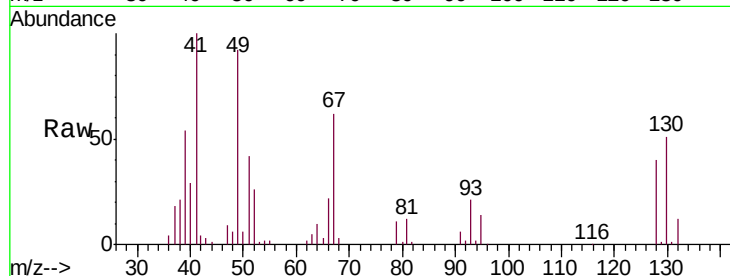




#41
Methacrylonitrile
Concen: 55.840 ug/l
RT: 4.54 min Scan# 1048
Delta R.T. -0.00 min
Lab File: VU027039.D
Acq: 23 Sep 2018 00:19

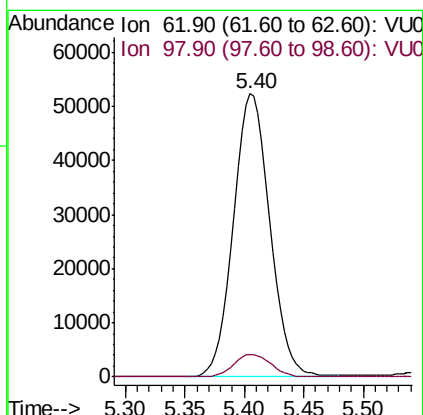
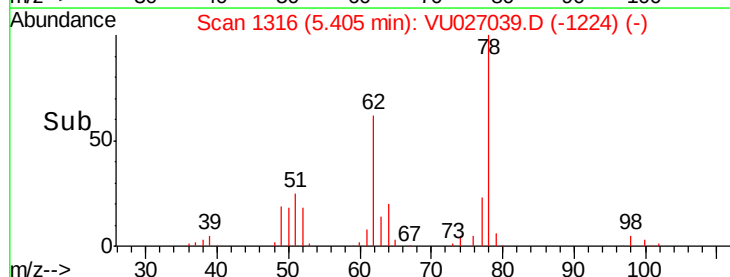
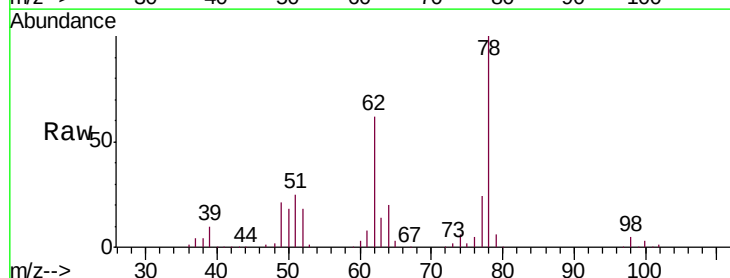
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

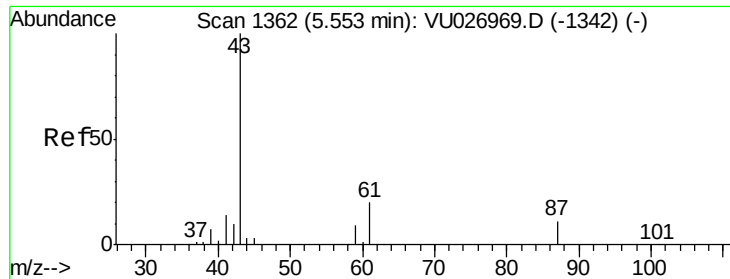
Tgt Ion: 41 Resp: 74760
Ion Ratio Lower Upper
41 100
39 53.1 42.9 64.3
67 62.8 52.4 78.6
52 26.3 21.3 31.9



#42
1,2-Dichloroethane
Concen: 50.879 ug/l
RT: 5.40 min Scan# 1316
Delta R.T. -0.00 min
Lab File: VU027039.D
Acq: 23 Sep 2018 00:19

Tgt Ion: 62 Resp: 111283
Ion Ratio Lower Upper
62 100
98 8.0 0.0 17.0





#43

Isopropyl Acetate

Concen: 54.262 ug/l

RT: 5.55 min Scan# 1361

Delta R.T. -0.00 min

Lab File: VU027039.D

Acq: 23 Sep 2018 00:19

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

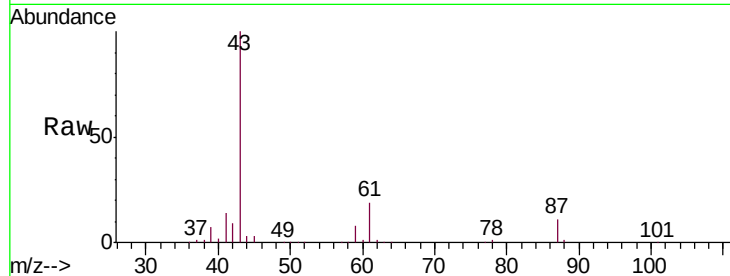
Tgt Ion: 43 Resp: 204004

Ion Ratio Lower Upper

43 100

61 19.2 15.7 23.5

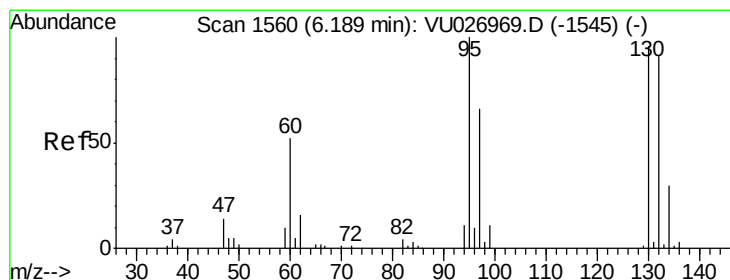
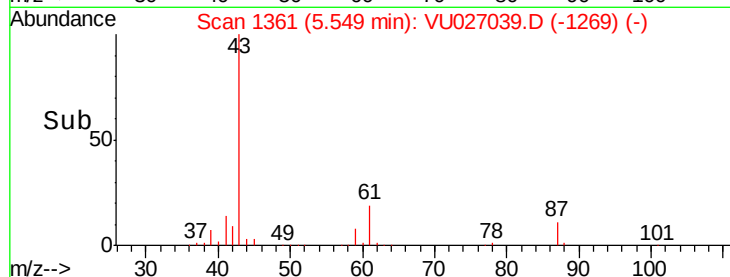
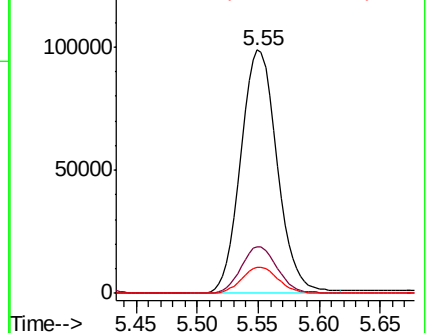
87 10.8 9.0 13.4



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: 49.728 ug/l

RT: 6.19 min Scan# 1559

Delta R.T. -0.00 min

Lab File: VU027039.D

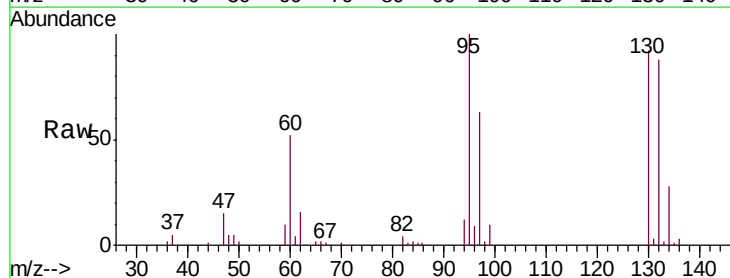
Acq: 23 Sep 2018 00:19

Tgt Ion: 130 Resp: 61287

Ion Ratio Lower Upper

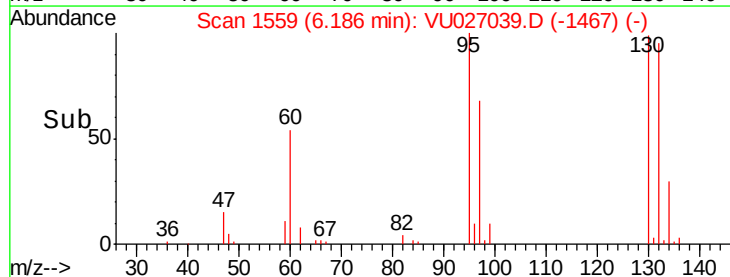
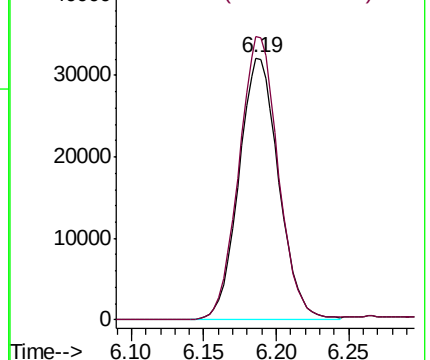
130 100

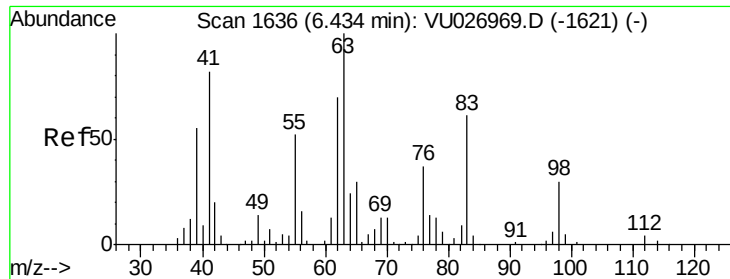
95 108.2 0.0 208.8



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: 51.260 ug/l

RT: 6.43 min Scan# 1636

Delta R.T. 0.00 min

Lab File: VU027039.D

Acq: 23 Sep 2018 00:19

Instrument :

MSVOA_U

ClientSampleId :

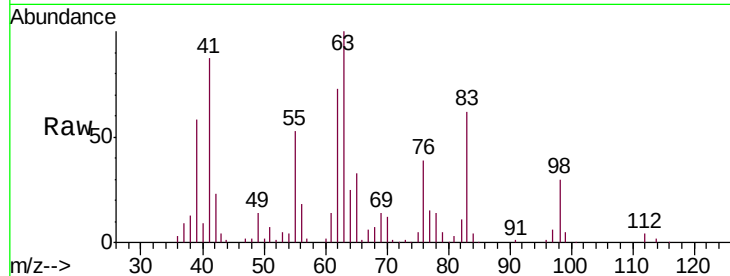
VSTDCCC050EC

Tgt Ion: 63 Resp: 84553

Ion Ratio Lower Upper

63 100

65 32.6 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VU026969.D (-1621) (-)

Ion 64.90 (64.60 to 65.60): VU026969.D (-1621) (-)

6.43

40000

30000

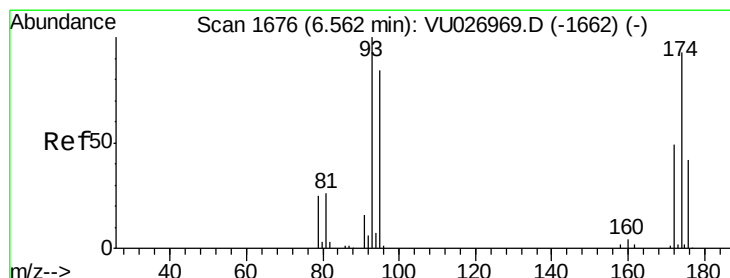
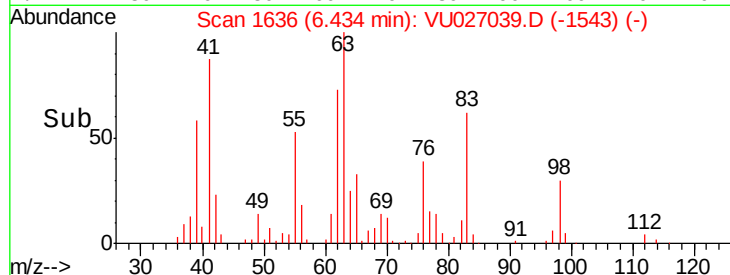
20000

10000

0

6.35 6.40 6.45 6.50

Time-->



#46

Dibromomethane

Concen: 49.453 ug/l

RT: 6.56 min Scan# 1676

Delta R.T. 0.00 min

Lab File: VU027039.D

Acq: 23 Sep 2018 00:19

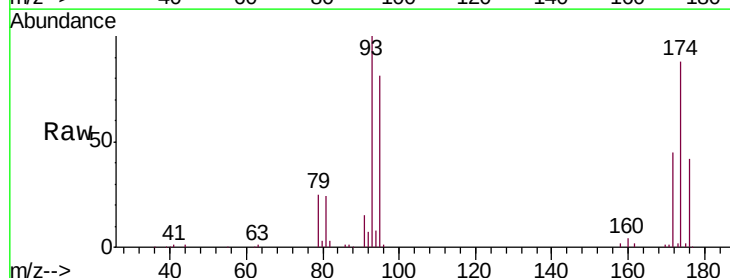
Tgt Ion: 93 Resp: 49266

Ion Ratio Lower Upper

93 100

95 83.6 66.2 99.4

174 86.9 71.7 107.5



Abundance Ion 92.80 (92.50 to 93.50): VU026969.D (-1662) (-)

Ion 94.80 (94.50 to 95.50): VU026969.D (-1662) (-)

Ion 173.70 (173.40 to 174.40): VU026969.D (-1662) (-)

6.56

30000

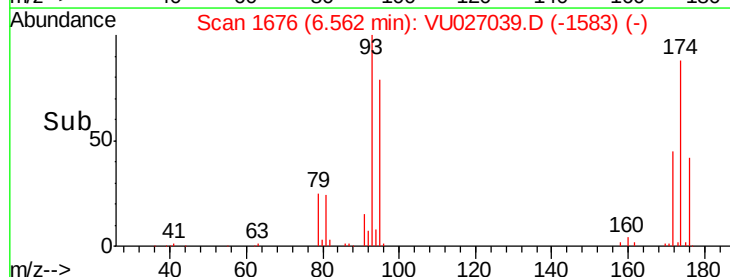
20000

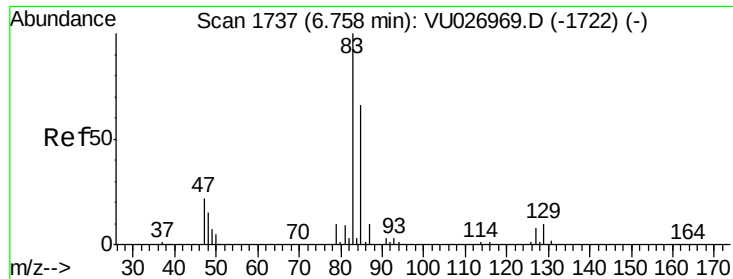
10000

0

6.50 6.55 6.60 6.65

Time-->

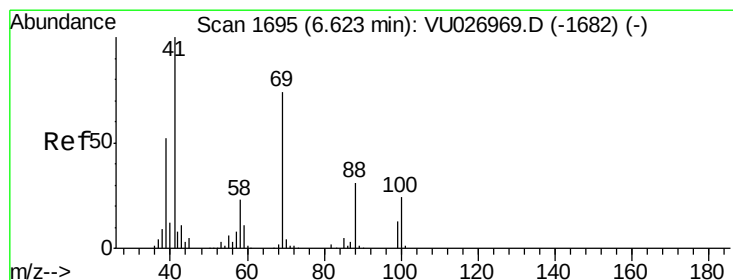
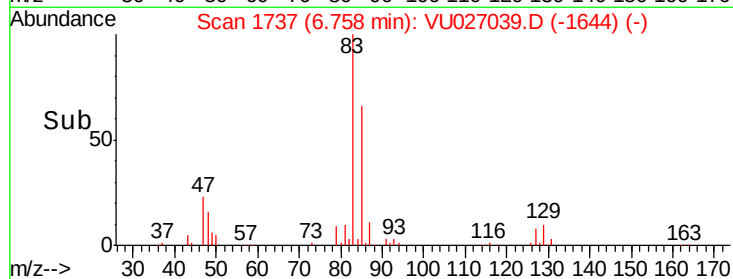
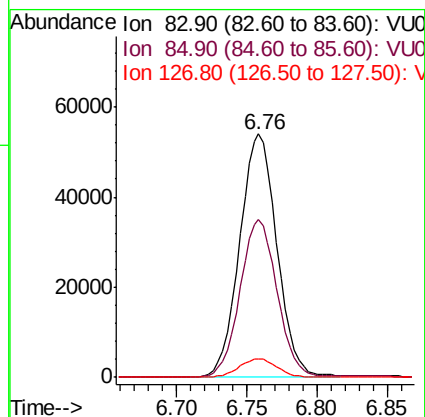
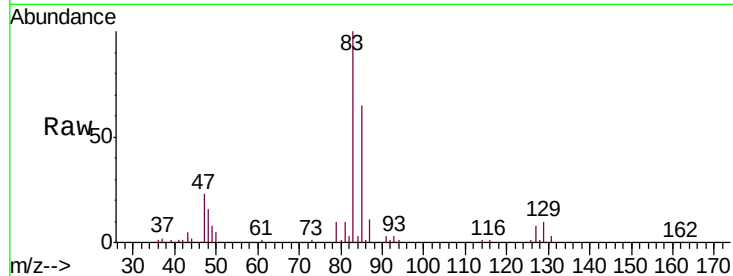




#47
Bromodichloromethane
Concen: 49.788 ug/l
RT: 6.76 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VU027039.D
Acq: 23 Sep 2018 00:19

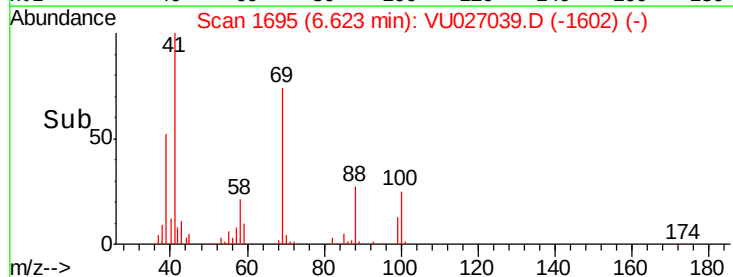
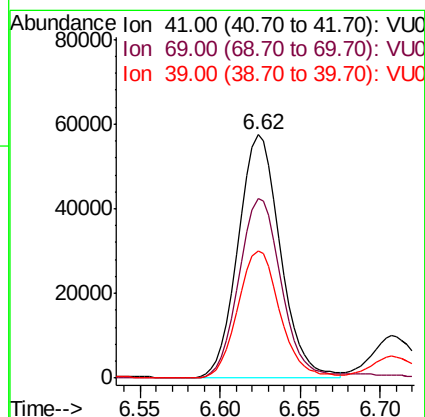
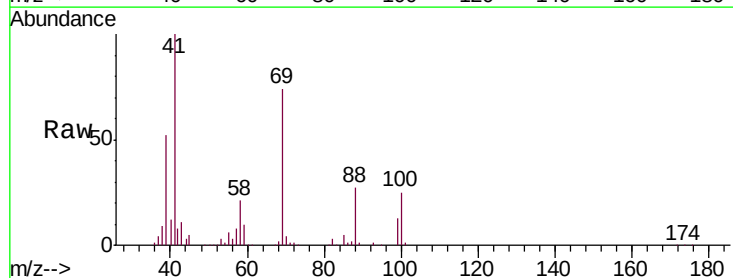
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

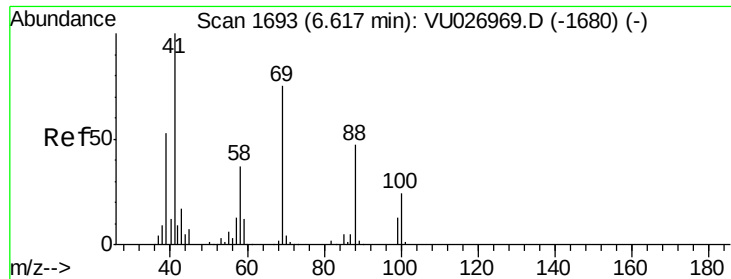
Tgt Ion: 83 Resp: 100292
Ion Ratio Lower Upper
83 100
85 64.9 52.5 78.7
127 7.7 6.3 9.5



#48
Methyl methacrylate
Concen: 50.422 ug/l
RT: 6.62 min Scan# 1695
Delta R.T. 0.00 min
Lab File: VU027039.D
Acq: 23 Sep 2018 00:19

Tgt Ion: 41 Resp: 103194
Ion Ratio Lower Upper
41 100
69 75.0 60.6 90.8
39 52.6 42.8 64.2

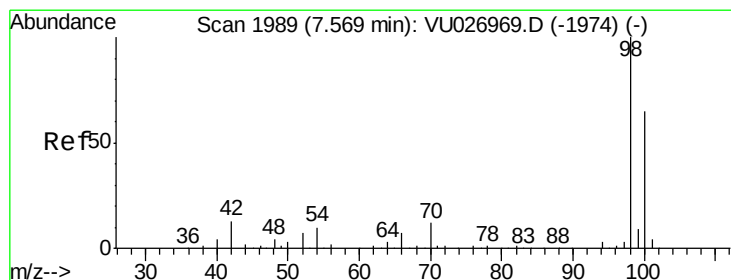
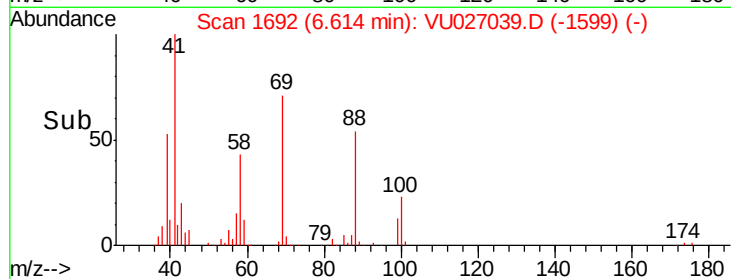
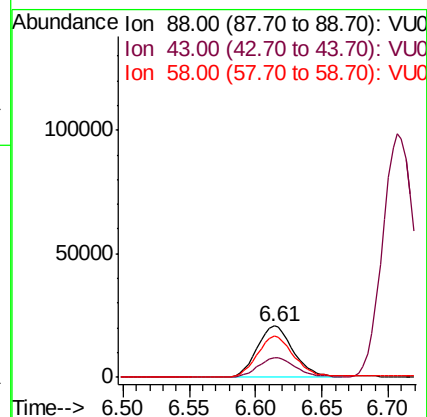
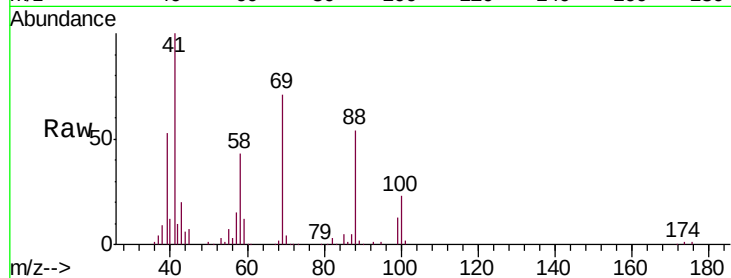




#49
1,4-Dioxane
Concen: 983.505 ug/l
RT: 6.61 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VU027039.D
Acq: 23 Sep 2018 00:19

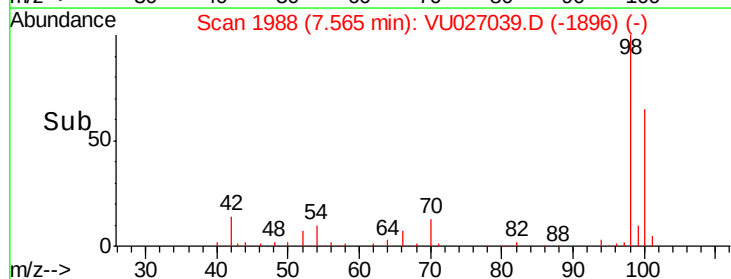
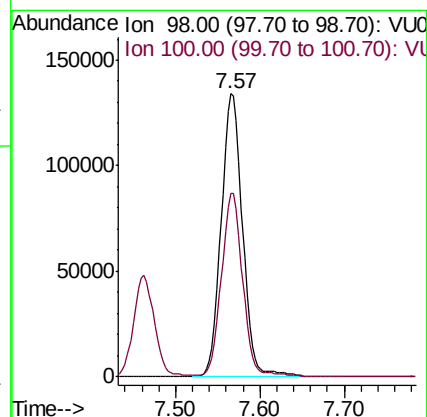
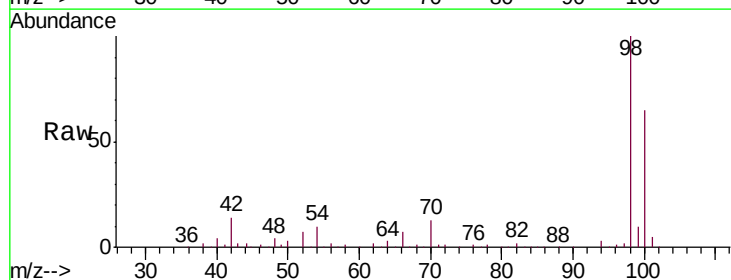
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

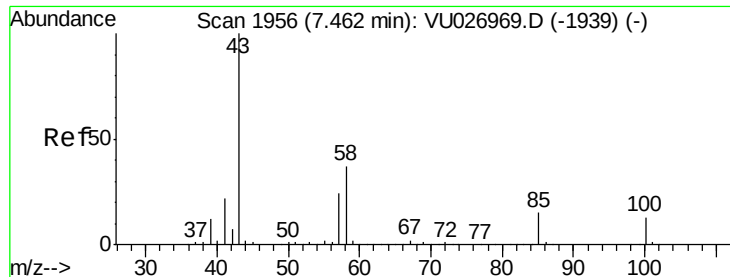
Tgt Ion: 88 Resp: 39969
Ion Ratio Lower Upper
88 100
43 39.6 29.8 44.8
58 81.1 63.9 95.9



#50
Toluene-d8
Concen: 50.292 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VU027039.D
Acq: 23 Sep 2018 00:19

Tgt Ion: 98 Resp: 237051
Ion Ratio Lower Upper
98 100
100 64.9 52.1 78.1





#51

4-Methyl-2-Pentanone

Concen: 273.951 ug/l

RT: 7.46 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VU027039.D

Acq: 23 Sep 2018 00:19

Instrument :

MSVOA_U

ClientSampleId :

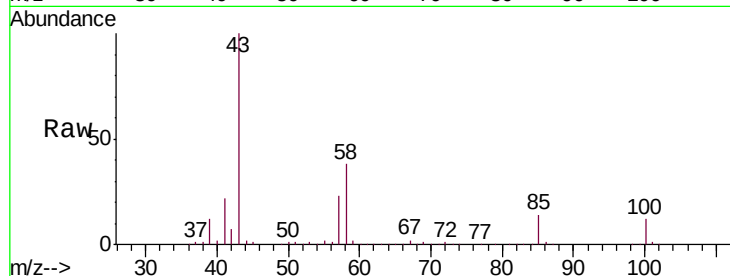
VSTDCCC050EC

Tgt Ion: 43 Resp: 692700

Ion Ratio Lower Upper

43 100

58 37.3 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

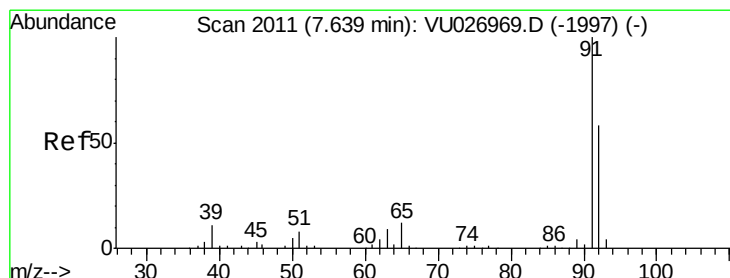
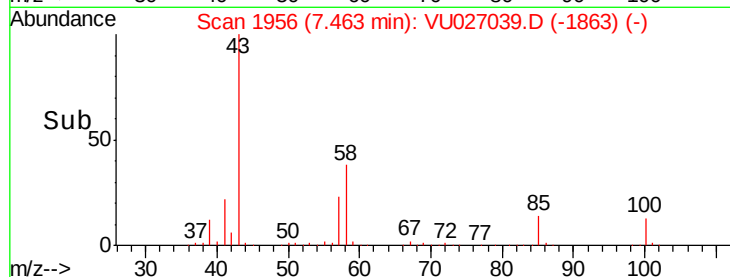
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 52.656 ug/l

RT: 7.64 min Scan# 2011

Delta R.T. 0.00 min

Lab File: VU027039.D

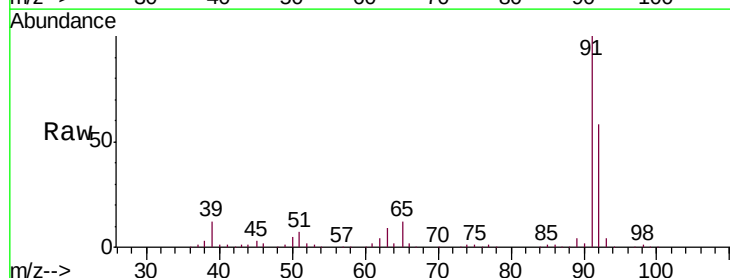
Acq: 23 Sep 2018 00:19

Tgt Ion: 92 Resp: 174729

Ion Ratio Lower Upper

92 100

91 170.0 136.4 204.6



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

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

7.64

200000

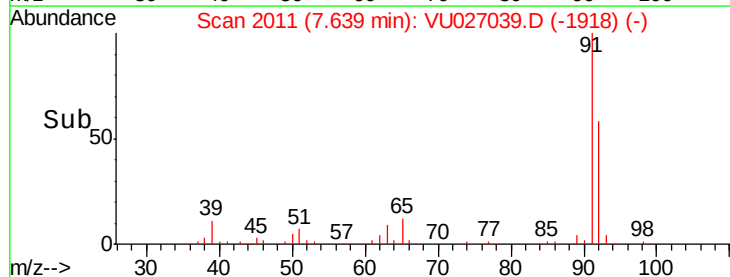
150000

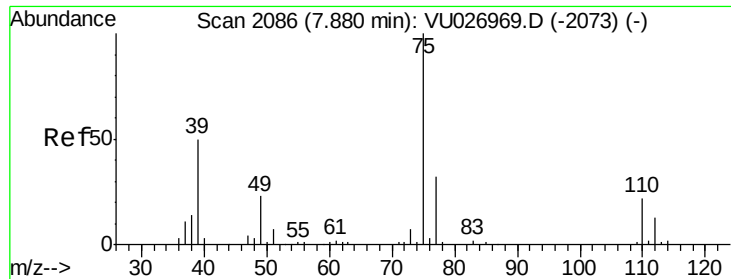
100000

50000

0

Time-->

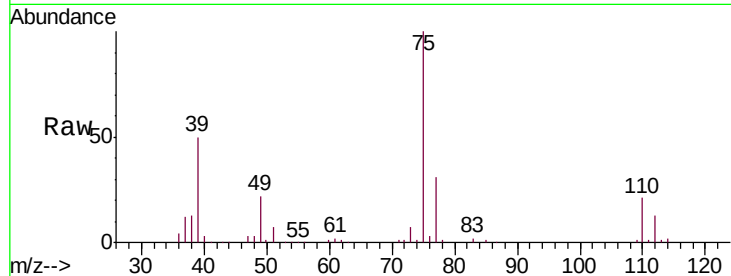




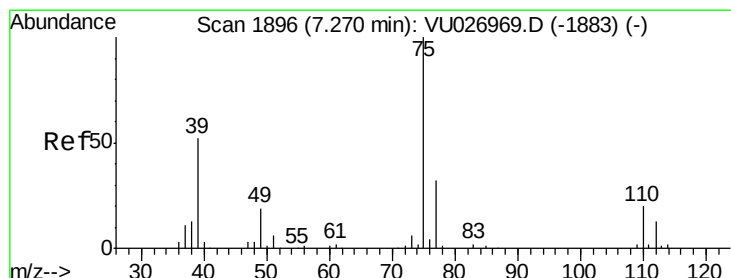
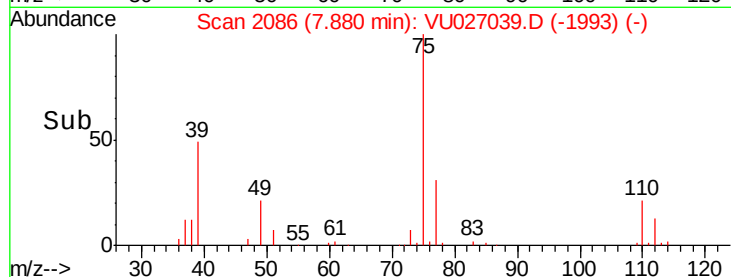
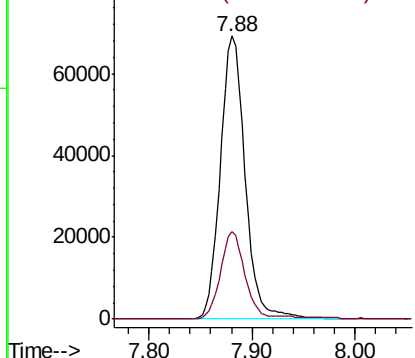
#53
t-1,3-Dichloropropene
Concen: 53.751 ug/l
RT: 7.88 min Scan# 2086
Delta R.T. 0.00 min
Lab File: VU027039.D
Acq: 23 Sep 2018 00:19

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 116332
Ion Ratio Lower Upper
75 100
77 31.1 25.3 37.9

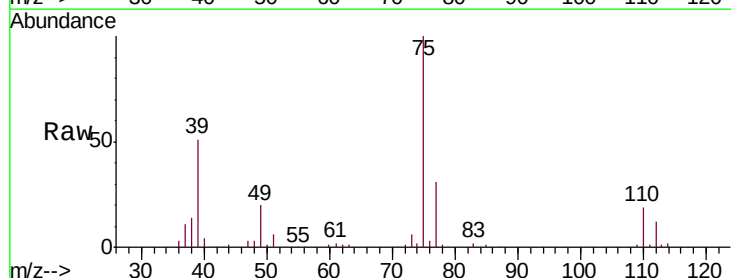


Abundance Ion 74.90 (74.60 to 75.60): VU0
Ion 76.90 (76.60 to 77.60): VU0

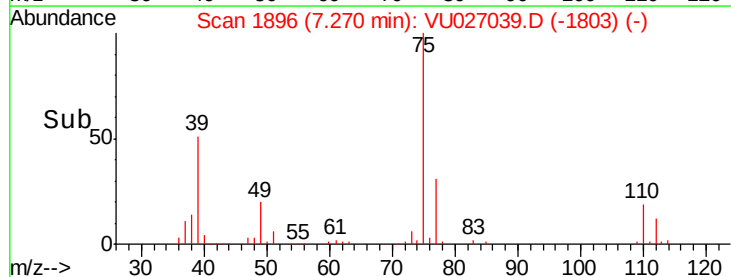
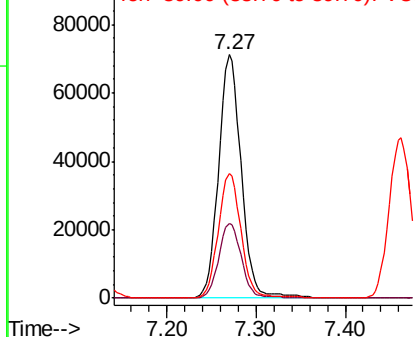


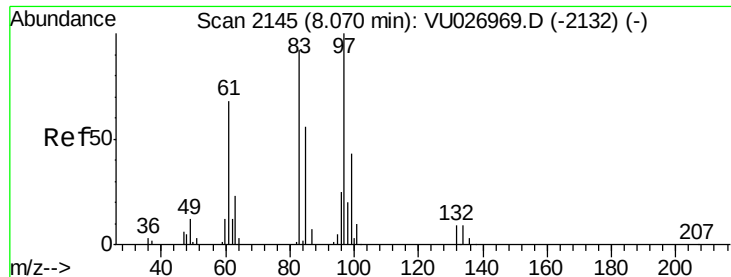
#54
cis-1,3-Dichloropropene
Concen: 52.681 ug/l
RT: 7.27 min Scan# 1896
Delta R.T. 0.00 min
Lab File: VU027039.D
Acq: 23 Sep 2018 00:19

Tgt Ion: 75 Resp: 125365
Ion Ratio Lower Upper
75 100
77 30.6 25.4 38.0
39 51.1 41.6 62.4



Abundance Ion 74.90 (74.60 to 75.60): VU0
Ion 76.90 (76.60 to 77.60): VU0
Ion 39.00 (38.70 to 39.70): VU0

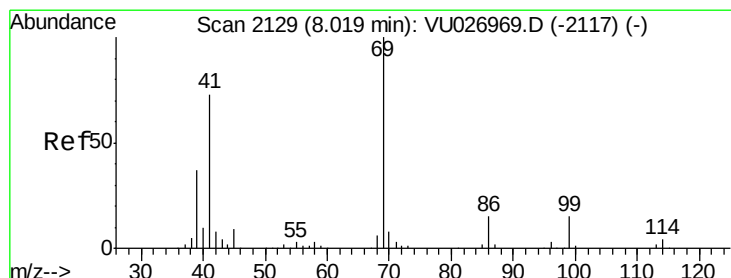
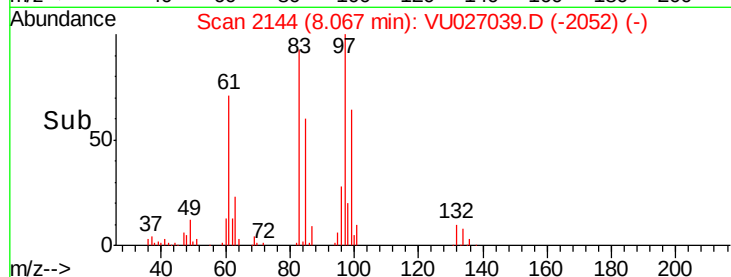
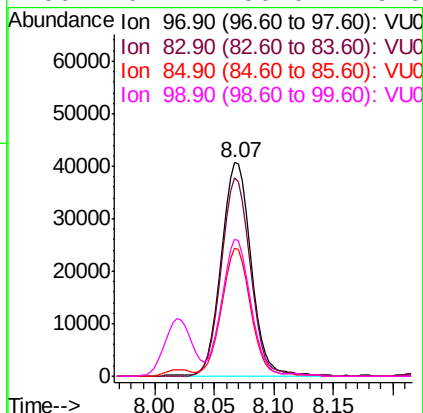
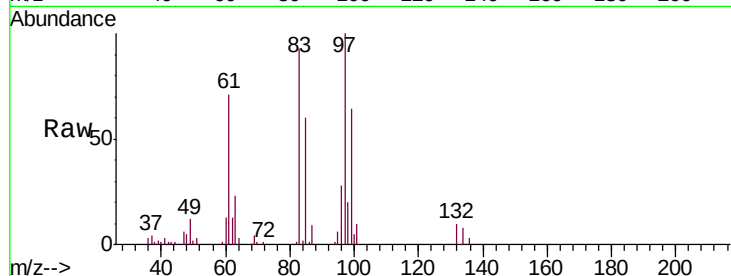




#55
 1,1,2-Trichloroethane
 Concen: 50.744 ug/l
 RT: 8.07 min Scan# 2144
 Delta R.T. -0.00 min
 Lab File: VU027039.D
 Acq: 23 Sep 2018 00:19

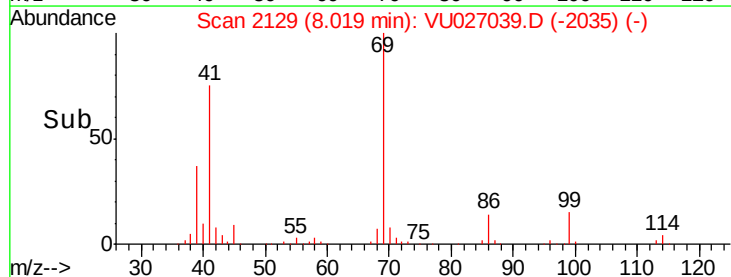
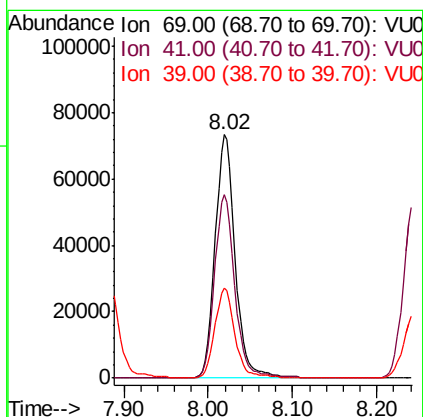
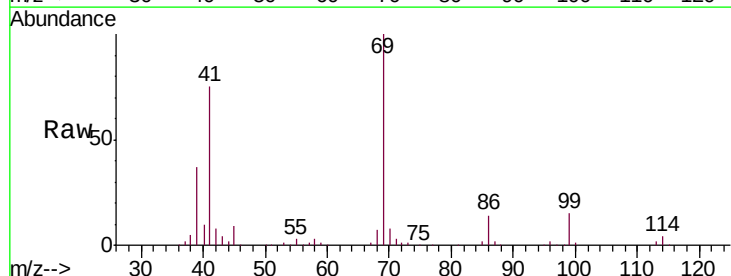
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

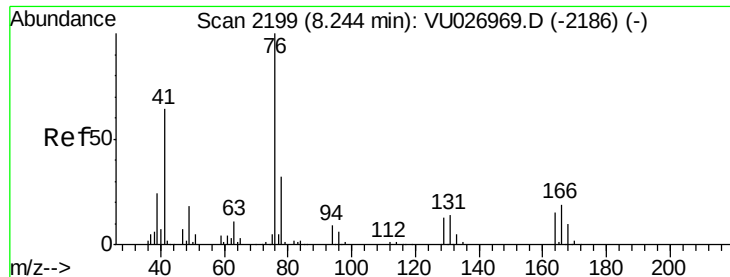
Tgt Ion:	97	Resp:	71348
Ion	Ratio	Lower	Upper
97	100		
83	92.9	73.1	109.7
85	59.8	46.7	70.1
99	64.1	50.0	75.0



#56
 Ethyl methacrylate
 Concen: 49.678 ug/l
 RT: 8.02 min Scan# 2129
 Delta R.T. 0.00 min
 Lab File: VU027039.D
 Acq: 23 Sep 2018 00:19

Tgt Ion:	69	Resp:	121161
Ion	Ratio	Lower	Upper
69	100		
41	76.6	59.0	88.4
39	36.8	30.2	45.4

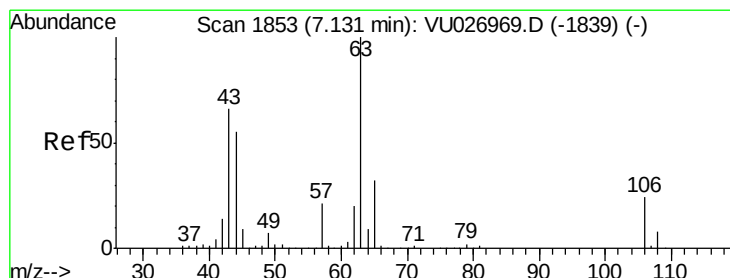
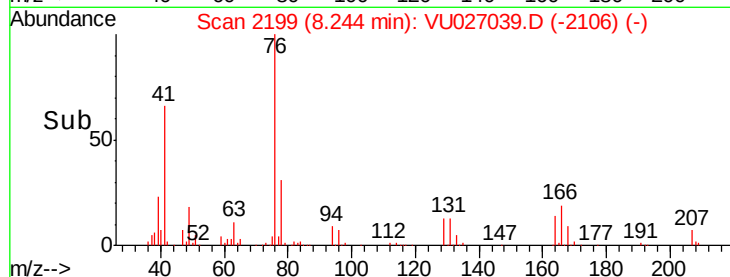
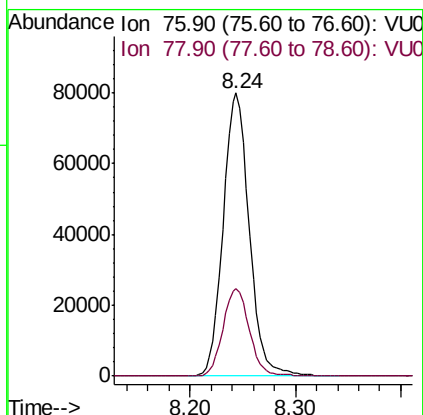
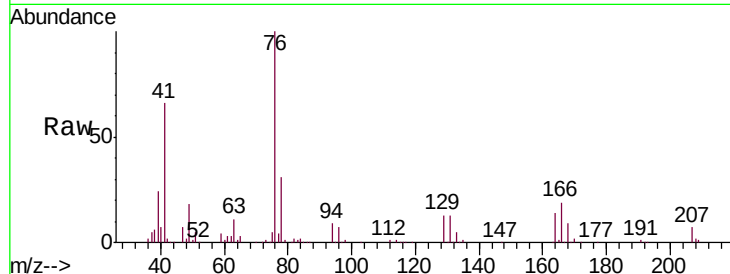




#57
 1,3-Dichloropropane
 Concen: 52.252 ug/l
 RT: 8.24 min Scan# 2199
 Delta R.T. 0.00 min
 Lab File: VU027039.D
 Acq: 23 Sep 2018 00:19

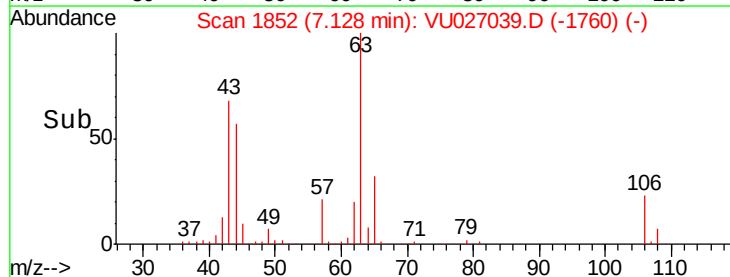
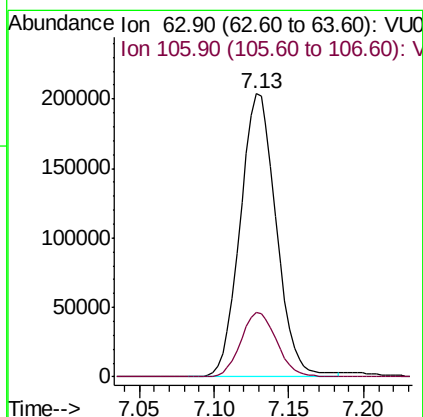
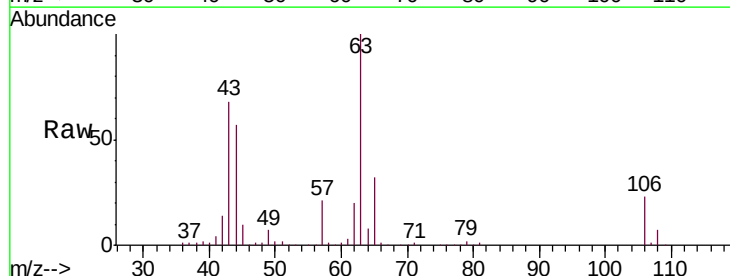
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

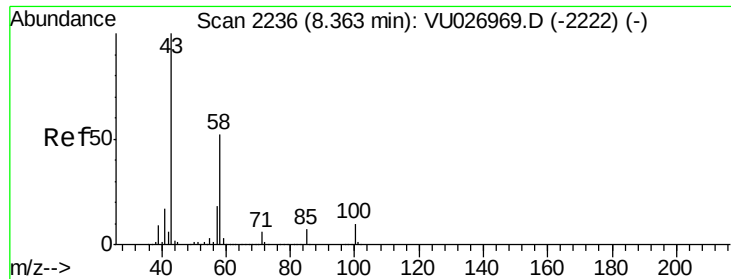
Tgt Ion: 76 Resp: 136646
 Ion Ratio Lower Upper
 76 100
 78 31.4 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 247.056 ug/l
 RT: 7.13 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VU027039.D
 Acq: 23 Sep 2018 00:19

Tgt Ion: 63 Resp: 341977
 Ion Ratio Lower Upper
 63 100
 106 22.7 18.7 28.1

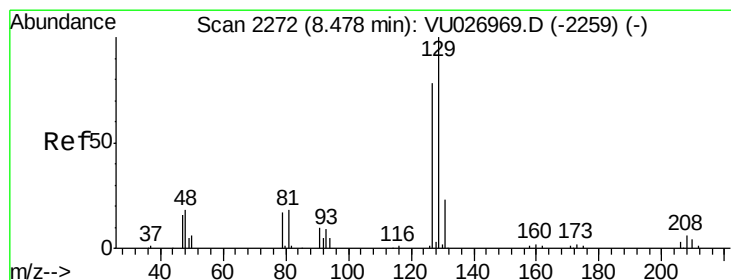
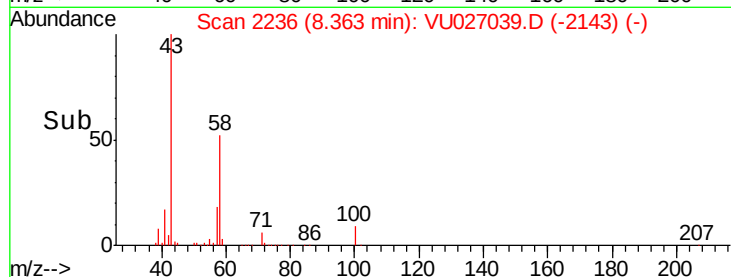
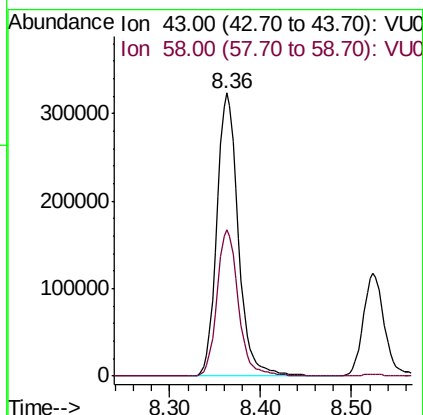
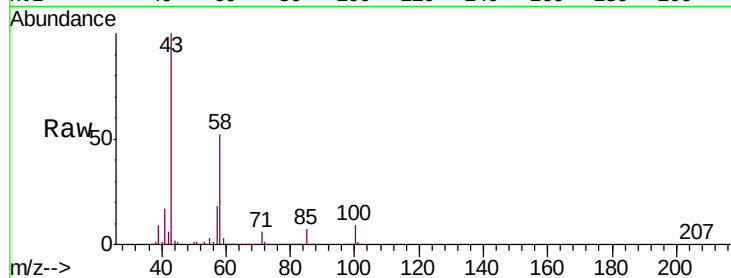




#59
2-Hexanone
Concen: 268.474 ug/l
RT: 8.36 min Scan# 2236
Delta R.T. 0.00 min
Lab File: VU027039.D
Acq: 23 Sep 2018 00:19

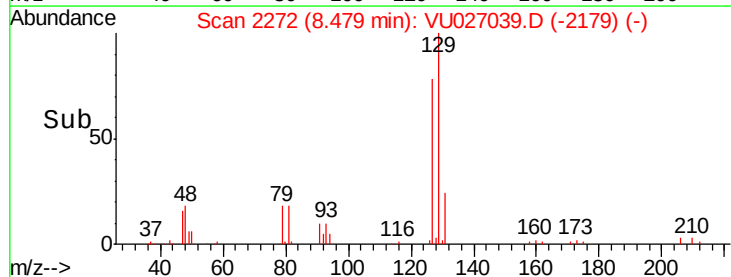
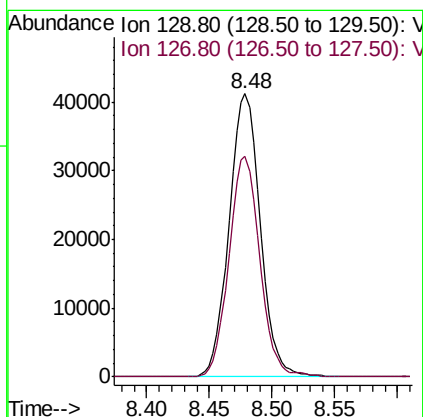
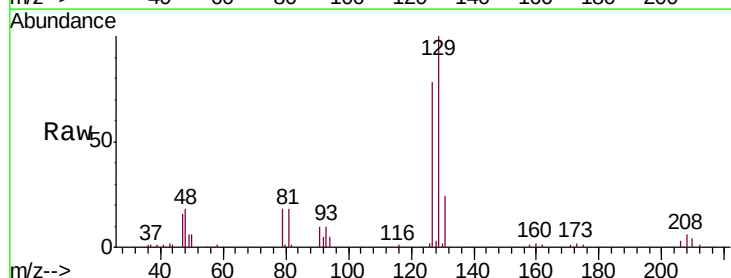
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

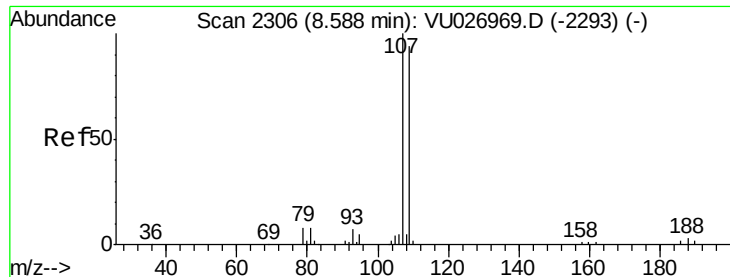
Tgt Ion: 43 Resp: 531391
Ion Ratio Lower Upper
43 100
58 51.6 26.1 78.2



#60
Dibromochloromethane
Concen: 51.684 ug/l
RT: 8.48 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VU027039.D
Acq: 23 Sep 2018 00:19

Tgt Ion: 129 Resp: 71282
Ion Ratio Lower Upper
129 100
127 77.1 38.1 114.5





#61

1,2-Dibromoethane

Concen: 50.773 ug/l

RT: 8.59 min Scan# 2306

Delta R.T. 0.00 min

Lab File: VU027039.D

Acq: 23 Sep 2018 00:19

Instrument :

MSVOA_U

ClientSampleId :

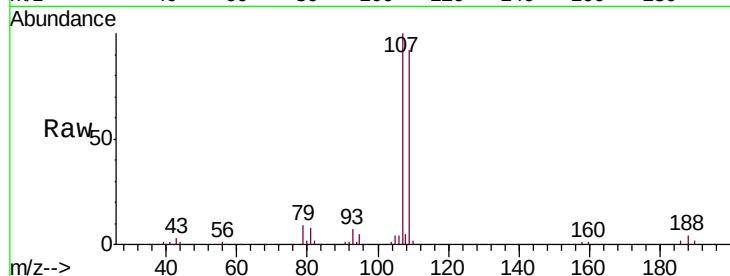
VSTDCCC050EC

Tgt Ion: 107 Resp: 74278

Ion Ratio Lower Upper

107 100

109 94.0 75.0 112.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

8.59

50000

40000

30000

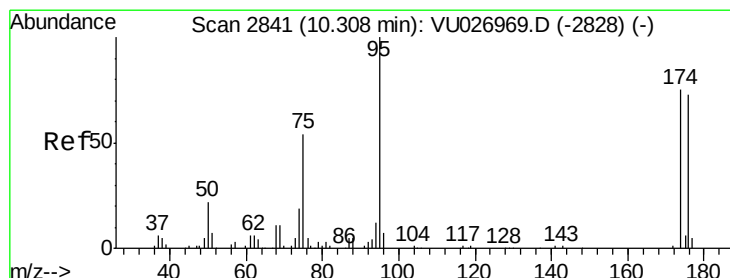
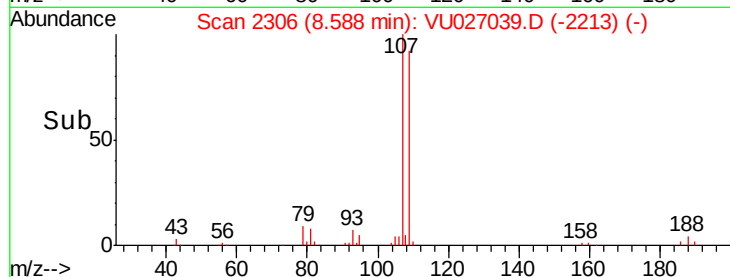
20000

10000

0

Time-->

8.50 8.55 8.60 8.65 8.70



#62

4-Bromofluorobenzene

Concen: 53.232 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU027039.D

Acq: 23 Sep 2018 00:19

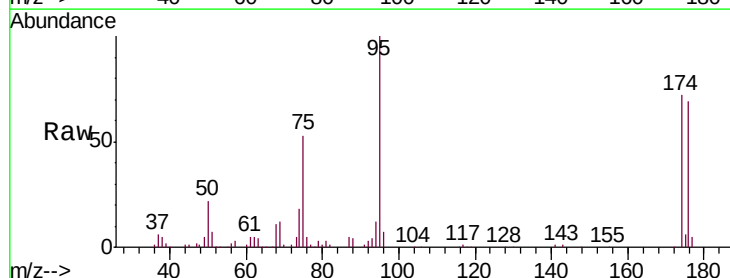
Tgt Ion: 95 Resp: 86095

Ion Ratio Lower Upper

95 100

174 72.5 0.0 150.2

176 69.2 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

10.31

60000

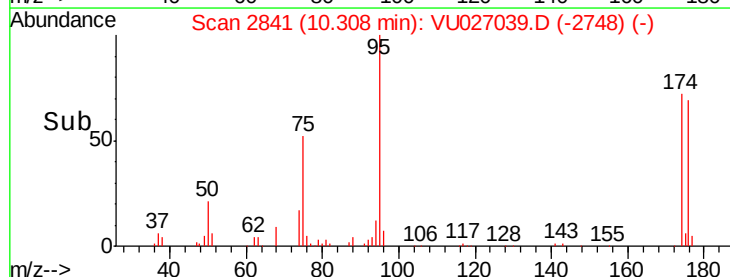
40000

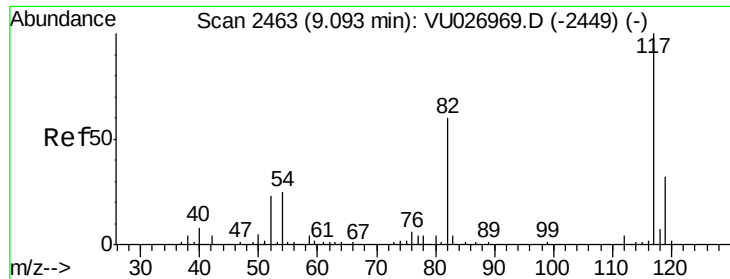
20000

0

Time-->

10.25 10.30 10.35 10.40

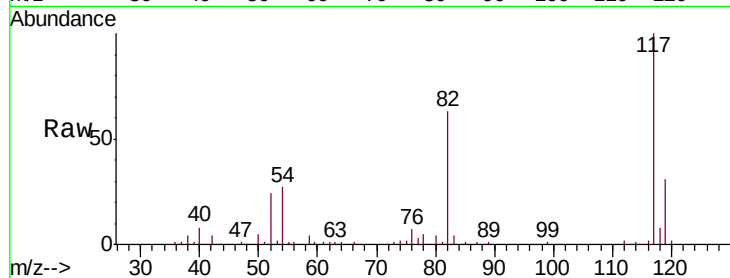




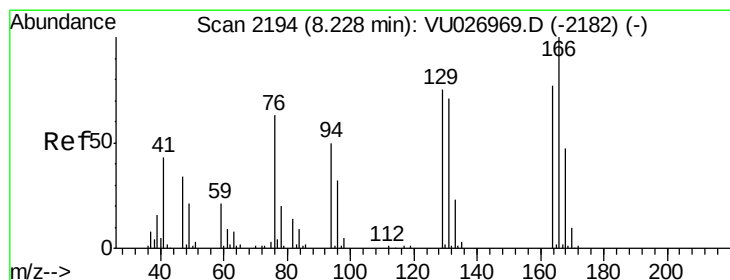
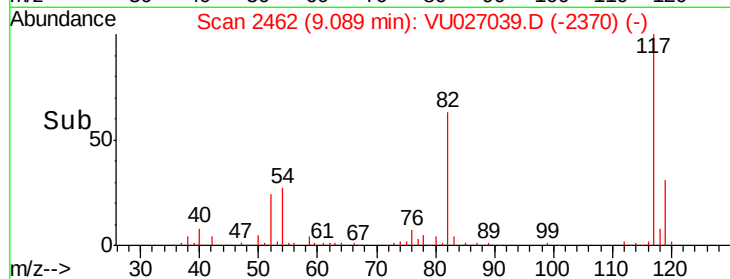
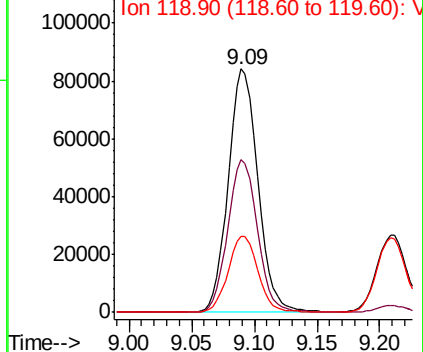
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU027039.D
Acq: 23 Sep 2018 00:19

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion:117 Resp: 138634
Ion Ratio Lower Upper
117 100
82 62.6 48.0 72.0
119 31.3 25.8 38.8

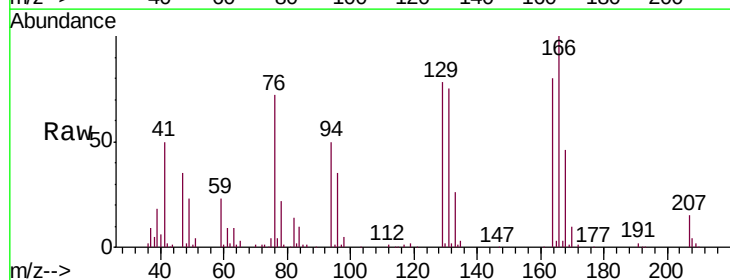


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

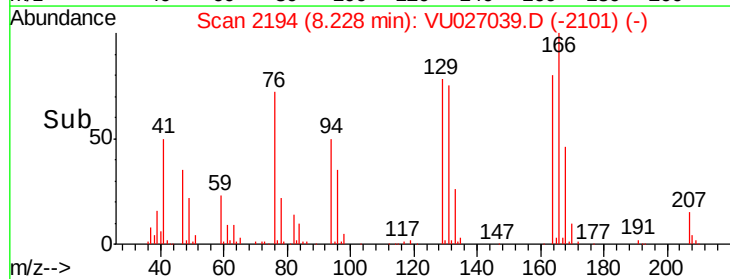
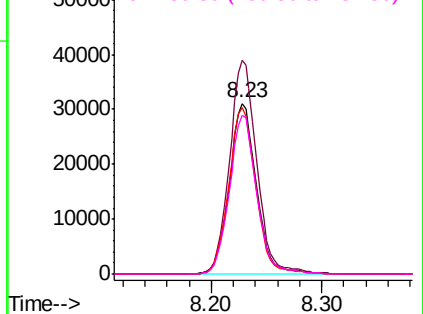


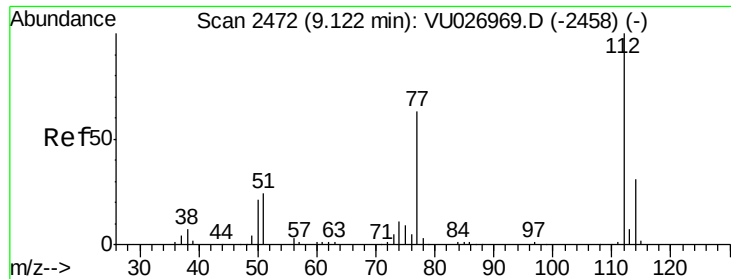
#64
Tetrachloroethene
Concen: 49.548 ug/l
RT: 8.23 min Scan# 2194
Delta R.T. 0.00 min
Lab File: VU027039.D
Acq: 23 Sep 2018 00:19

Tgt Ion:164 Resp: 52931
Ion Ratio Lower Upper
164 100
166 125.3 104.4 156.6
129 97.3 78.7 118.1
131 93.4 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

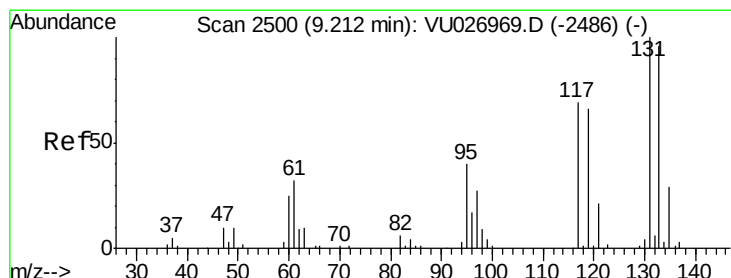
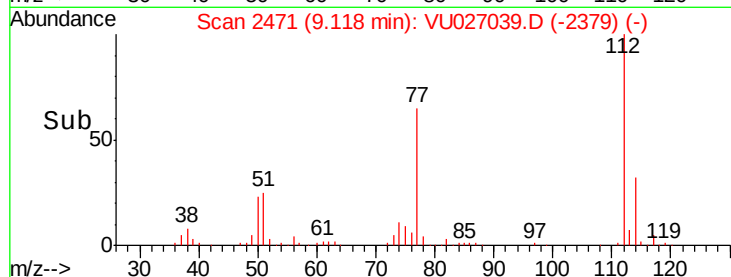
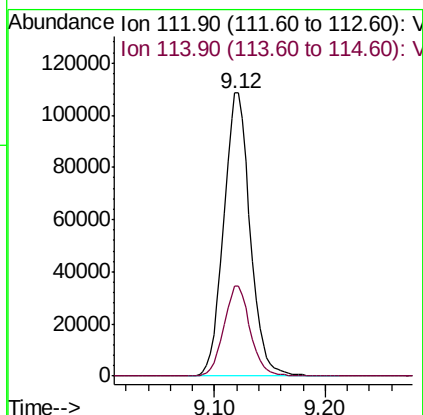
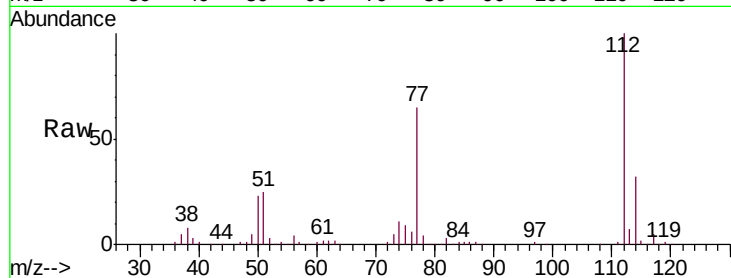




#65
Chlorobenzene
Concen: 49.092 ug/l
RT: 9.12 min Scan# 2471
Delta R.T. -0.00 min
Lab File: VU027039.D
Acq: 23 Sep 2018 00:19

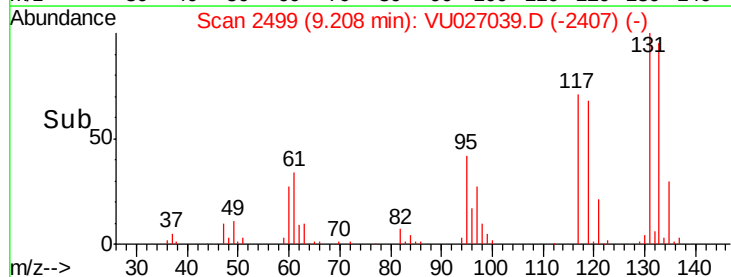
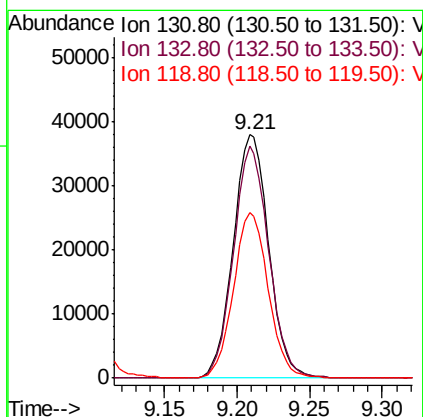
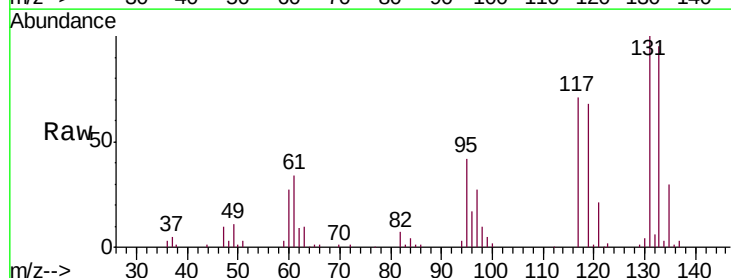
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

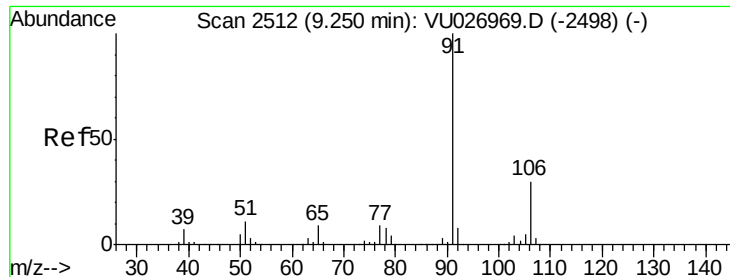
Tgt Ion:112 Resp: 180458
Ion Ratio Lower Upper
112 100
114 31.6 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 50.953 ug/l
RT: 9.21 min Scan# 2499
Delta R.T. -0.00 min
Lab File: VU027039.D
Acq: 23 Sep 2018 00:19

Tgt Ion:131 Resp: 64512
Ion Ratio Lower Upper
131 100
133 94.4 48.0 144.2
119 66.7 33.4 100.1

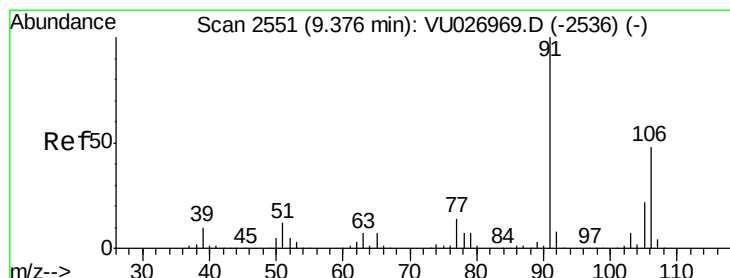
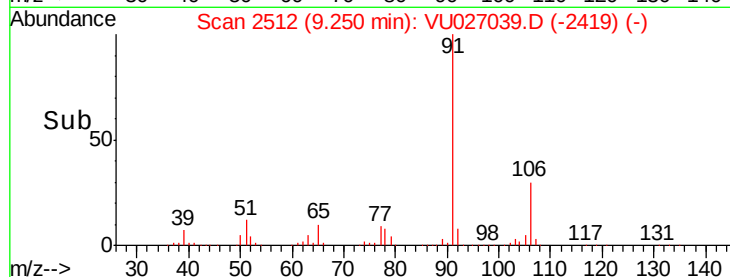
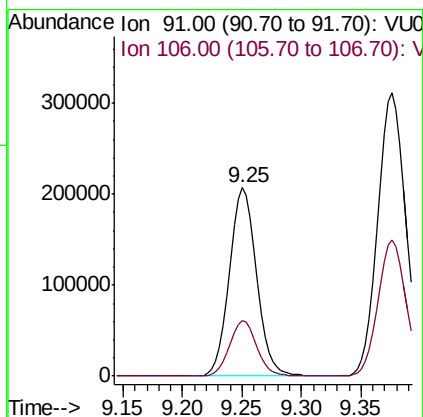
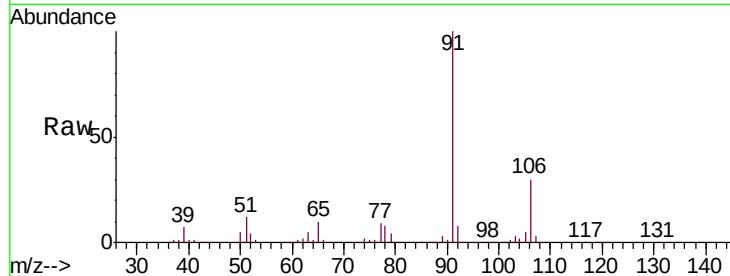




#67
Ethyl Benzene
Concen: 54.281 ug/l
RT: 9.25 min Scan# 2512
Delta R.T. 0.00 min
Lab File: VU027039.D
Acq: 23 Sep 2018 00:19

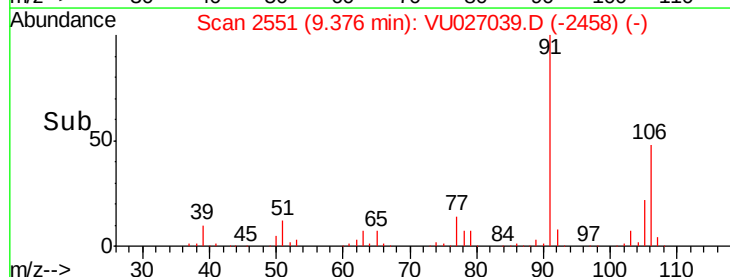
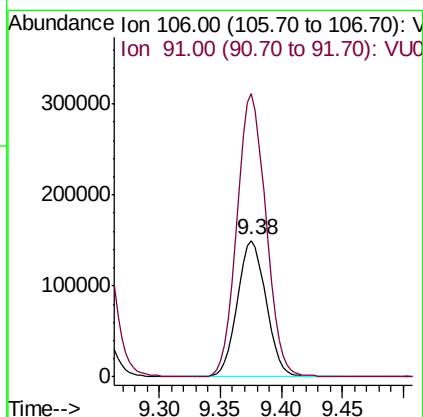
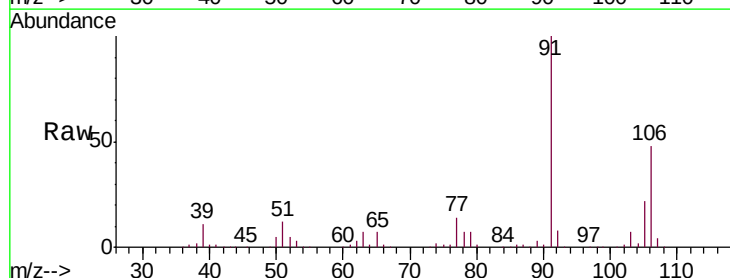
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

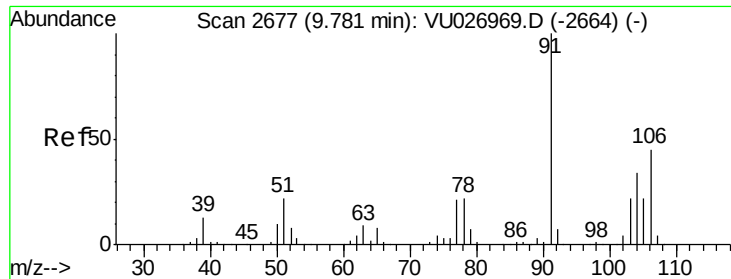
Tgt Ion: 91 Resp: 328107
Ion Ratio Lower Upper
91 100
106 29.5 23.8 35.8



#68
m/p-Xylenes
Concen: 100.145 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. 0.00 min
Lab File: VU027039.D
Acq: 23 Sep 2018 00:19

Tgt Ion: 106 Resp: 245159
Ion Ratio Lower Upper
106 100
91 209.0 166.5 249.7

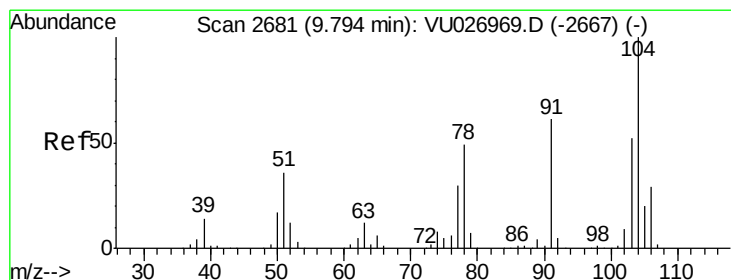
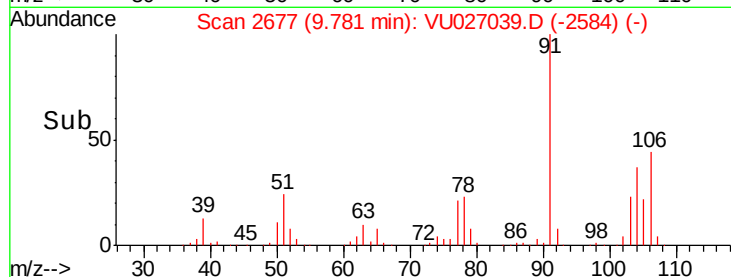
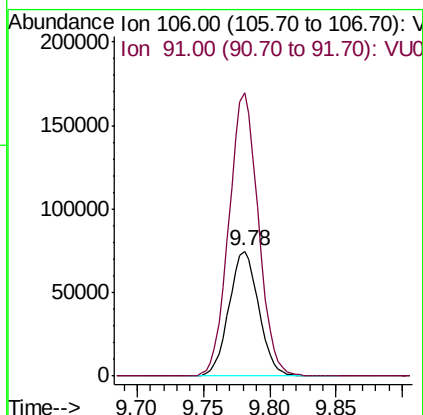
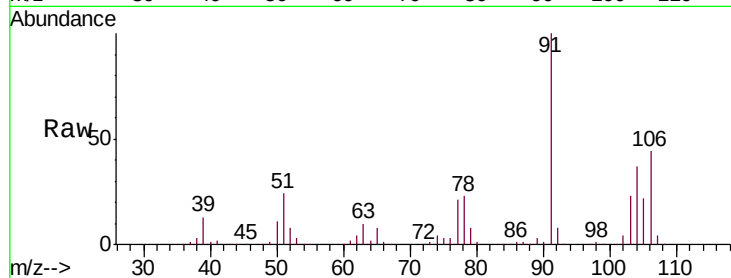




#69
o-Xylene
Concen: 54.600 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VU027039.D
Acq: 23 Sep 2018 00:19

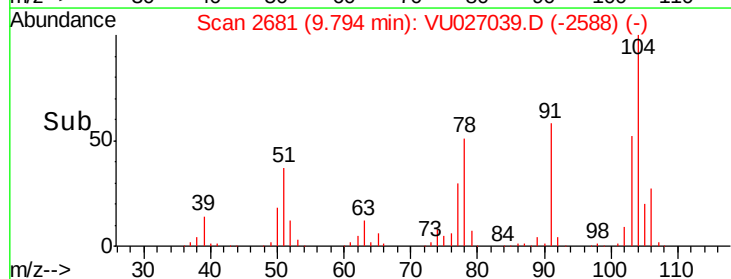
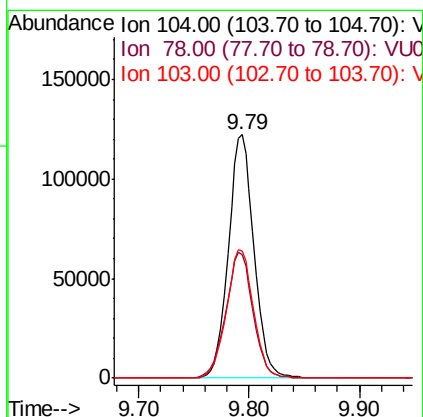
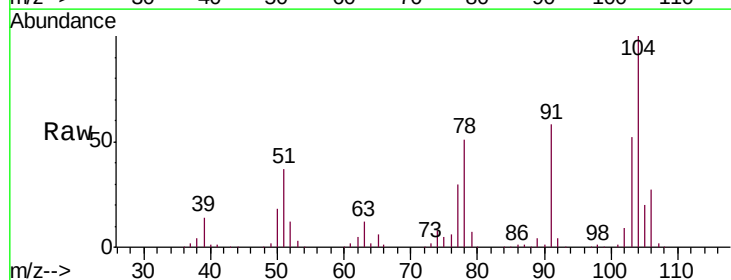
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

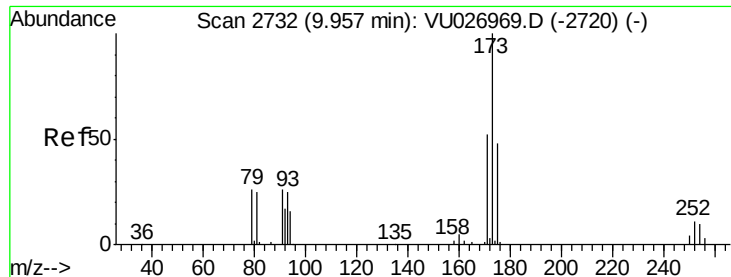
Tgt Ion:106 Resp: 116935
Ion Ratio Lower Upper
106 100
91 224.3 110.2 330.6



#70
Styrene
Concen: 49.086 ug/l
RT: 9.79 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU027039.D
Acq: 23 Sep 2018 00:19

Tgt Ion:104 Resp: 196151
Ion Ratio Lower Upper
104 100
78 55.1 43.0 64.4
103 55.9 44.1 66.1





#71

Bromoform

Concen: 52.332 ug/l

RT: 9.96 min Scan# 2732

Delta R.T. 0.00 min

Lab File: VU027039.D

Acq: 23 Sep 2018 00:19

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

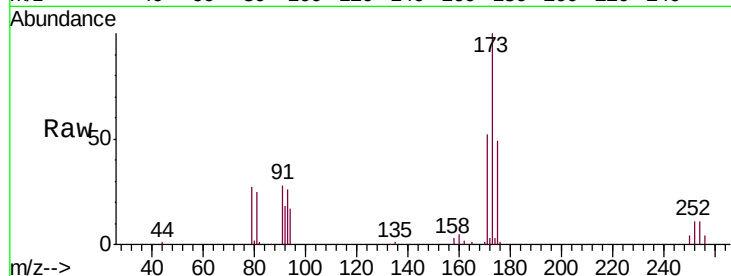
Tgt Ion:173 Resp: 51238

Ion Ratio Lower Upper

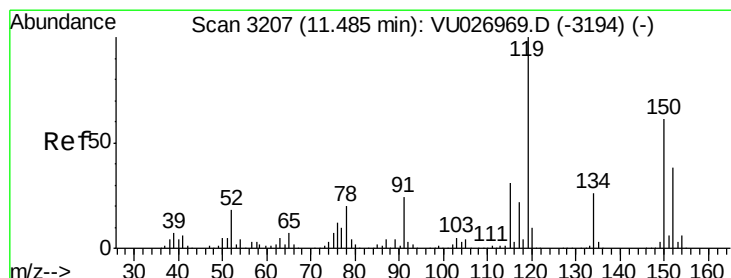
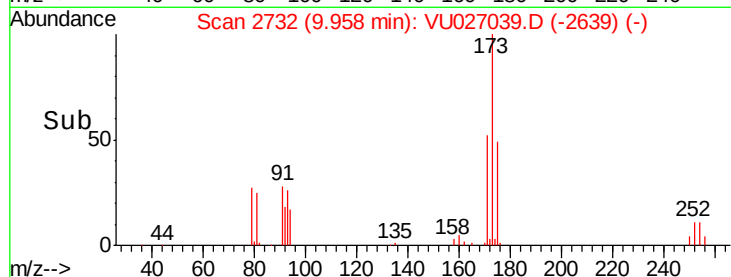
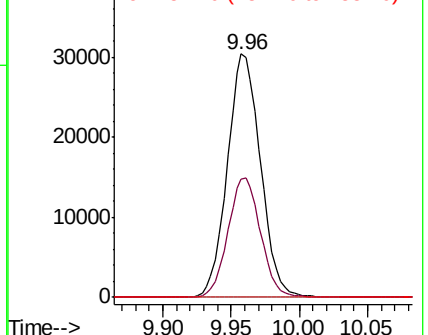
173 100

175 48.1 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: VU027039.D

Acq: 23 Sep 2018 00:19

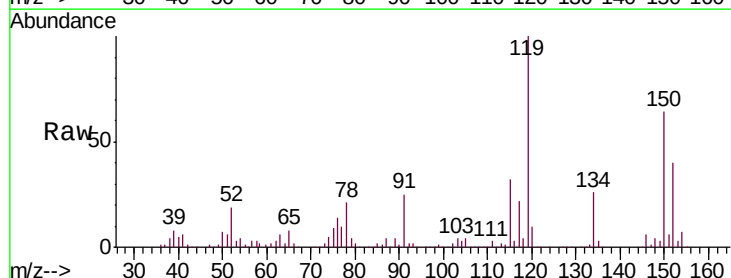
Tgt Ion:152 Resp: 75903

Ion Ratio Lower Upper

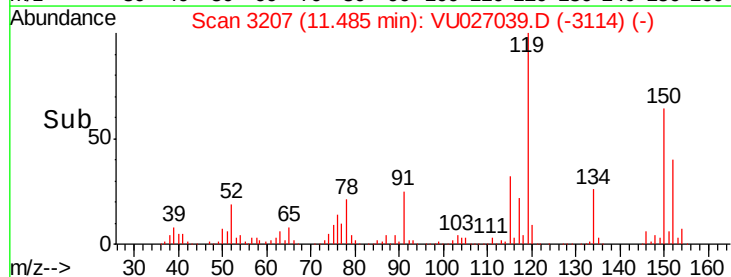
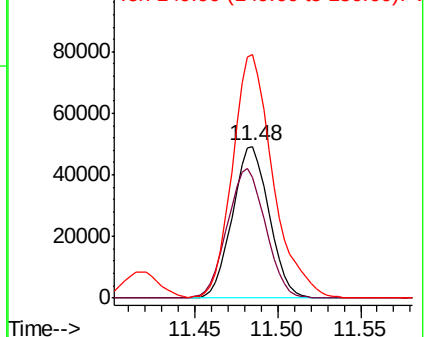
152 100

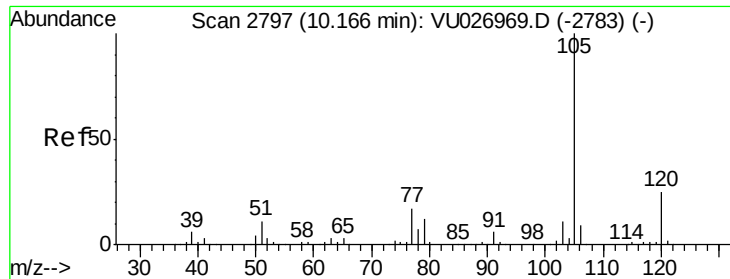
115 89.3 44.9 134.5

150 177.4 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: 55.472 ug/l

RT: 10.17 min Scan# 2797

Delta R.T. 0.00 min

Lab File: VU027039.D

Acq: 23 Sep 2018 00:19

Instrument :

MSVOA_U

ClientSampleId :

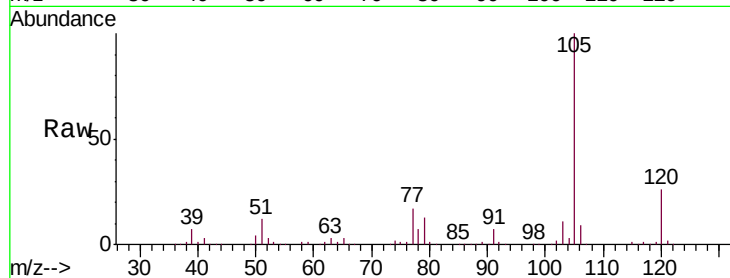
VSTDCCC050EC

Tgt Ion: 105 Resp: 320286

Ion Ratio Lower Upper

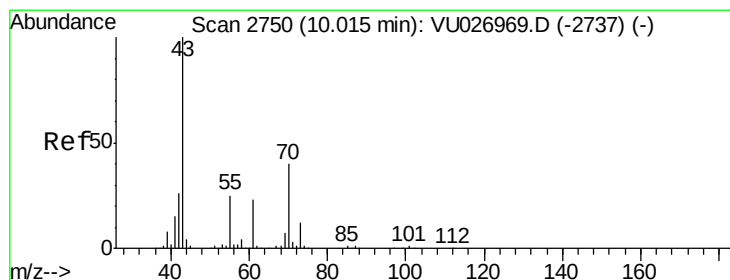
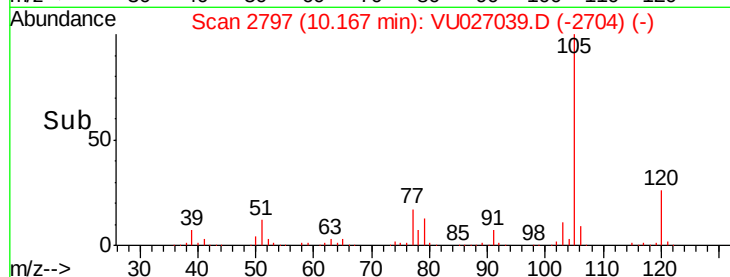
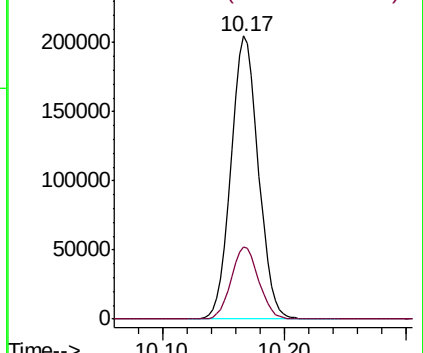
105 100

120 25.6 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 55.728 ug/l

RT: 10.01 min Scan# 2749

Delta R.T. -0.00 min

Lab File: VU027039.D

Acq: 23 Sep 2018 00:19

Tgt Ion: 43 Resp: 186251

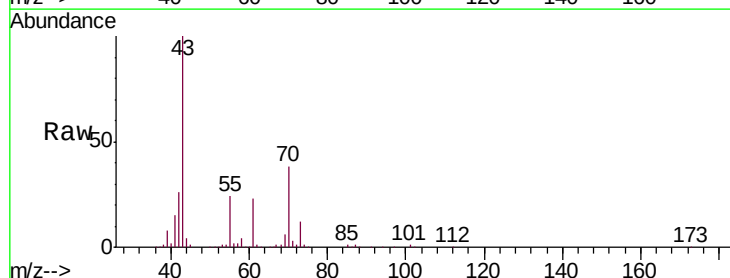
Ion Ratio Lower Upper

43 100

70 39.0 31.8 47.8

55 24.4 19.9 29.9

61 22.9 18.4 27.6

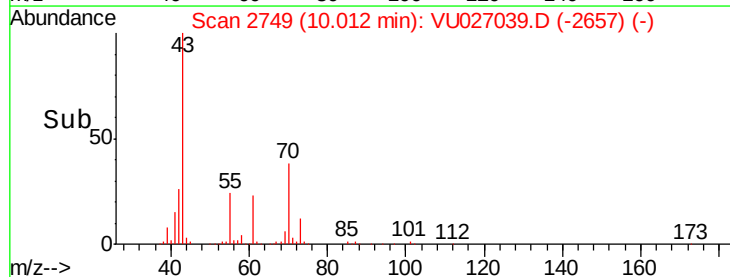
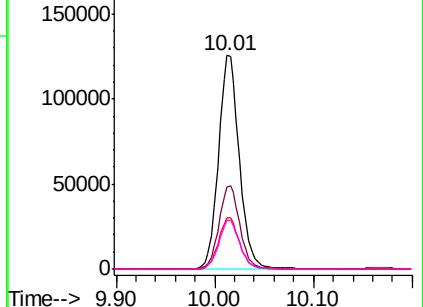


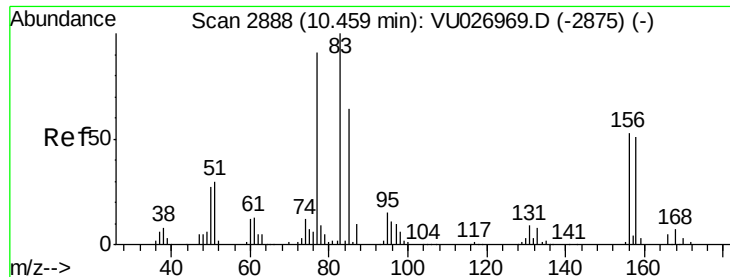
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 61.00 (60.70 to 61.70): VU0





#75

1,1,2,2-Tetrachloroethane

Concen: 47.092 ug/l

RT: 10.46 min Scan# 2888

Delta R.T. 0.00 min

Lab File: VU027039.D

Acq: 23 Sep 2018 00:19

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

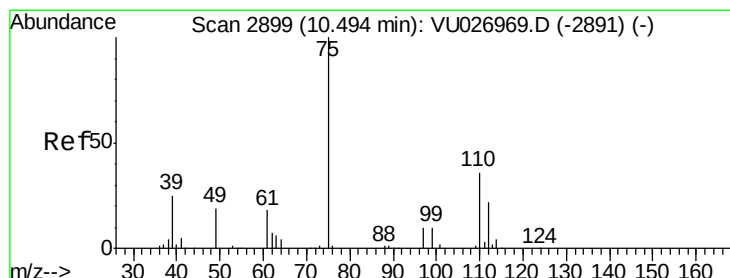
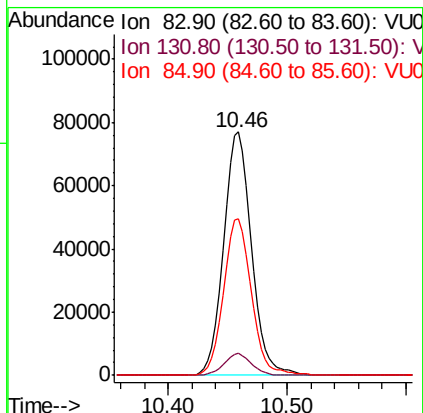
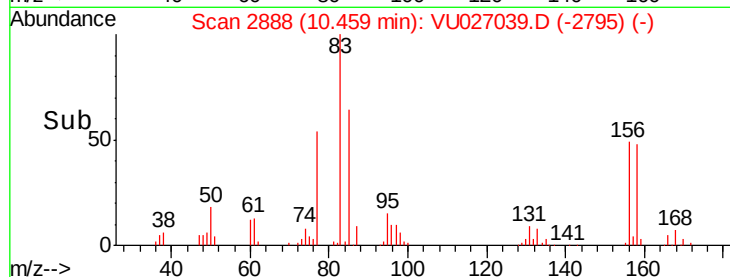
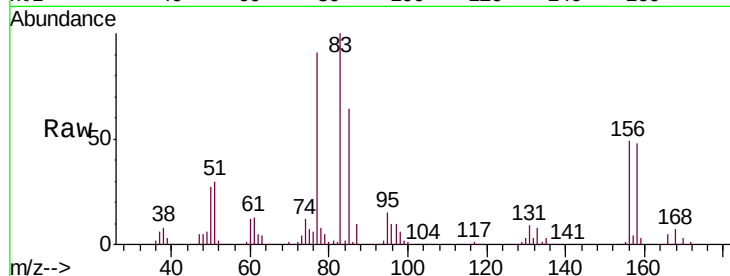
Tgt Ion: 83 Resp: 125013

Ion Ratio Lower Upper

83 100

131 8.7 4.3 12.8

85 64.3 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 64.631 ug/l

RT: 10.49 min Scan# 2899

Delta R.T. 0.00 min

Lab File: VU027039.D

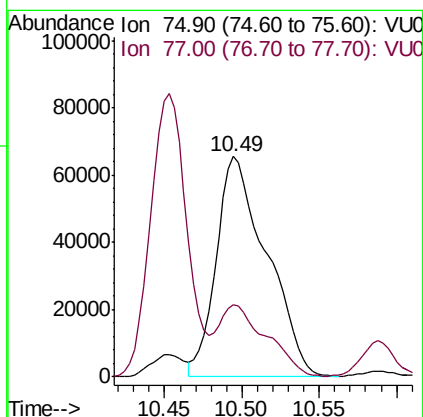
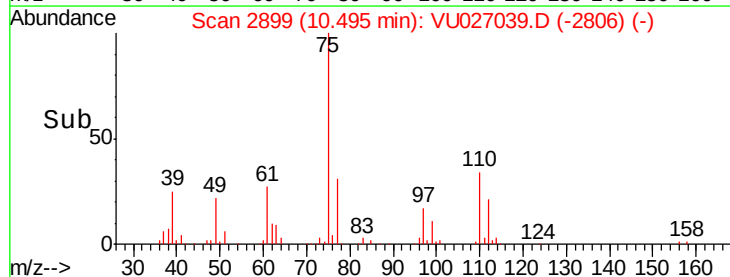
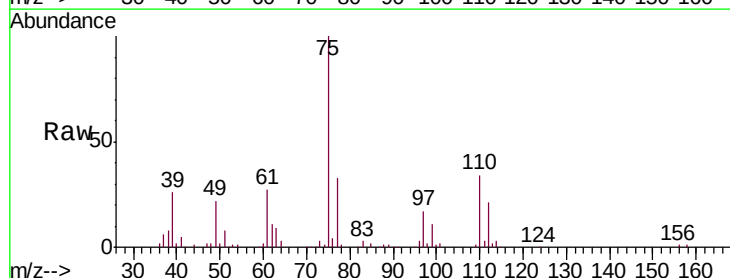
Acq: 23 Sep 2018 00:19

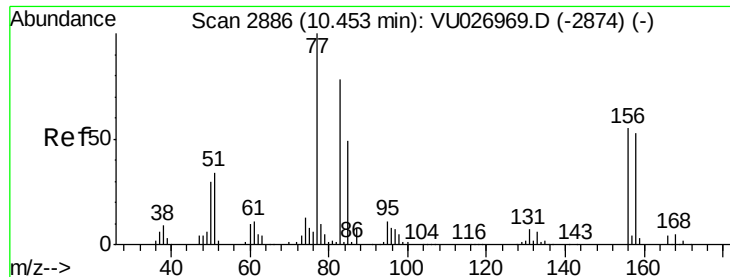
Tgt Ion: 75 Resp: 149033

Ion Ratio Lower Upper

75 100

77 31.5 20.9 62.8





#77

Bromobenzene

Concen: 50.911 ug/l

RT: 10.45 min Scan# 2886

Delta R.T. 0.00 min

Lab File: VU027039.D

Acq: 23 Sep 2018 00:19

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

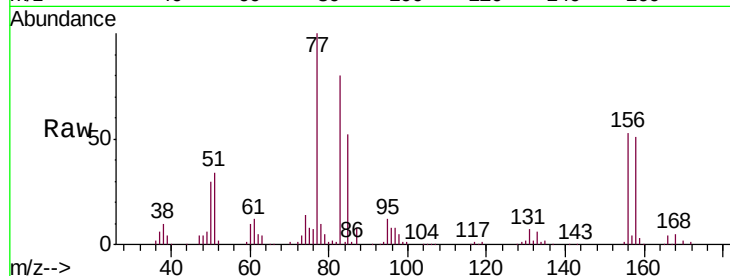
Tgt Ion:156 Resp: 71833

Ion Ratio Lower Upper

156 100

77 192.1 92.3 276.9

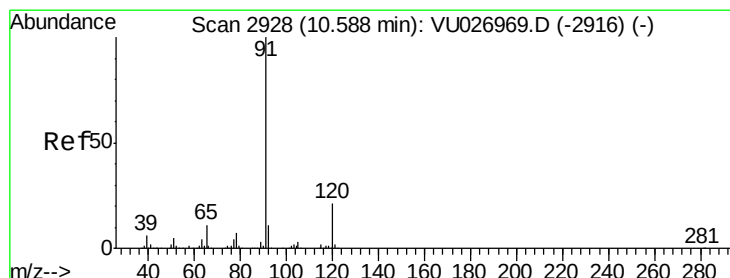
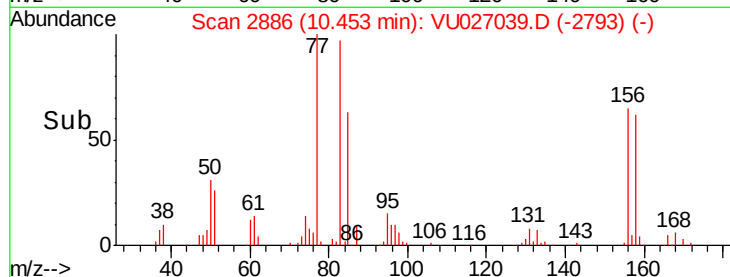
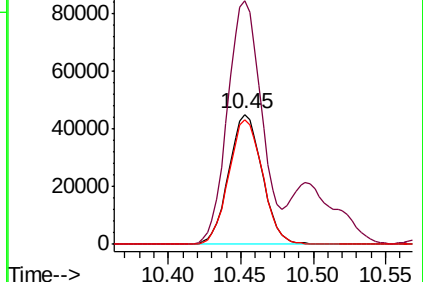
158 97.1 48.1 144.3



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: 56.442 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. 0.00 min

Lab File: VU027039.D

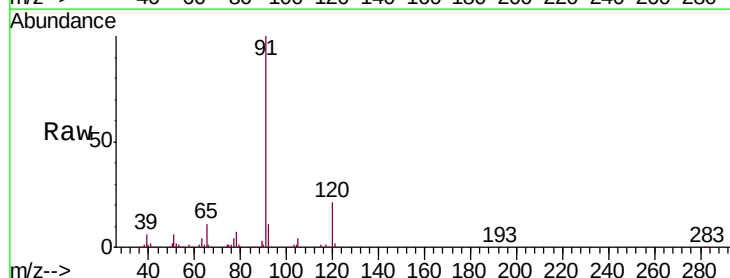
Acq: 23 Sep 2018 00:19

Tgt Ion: 91 Resp: 385603

Ion Ratio Lower Upper

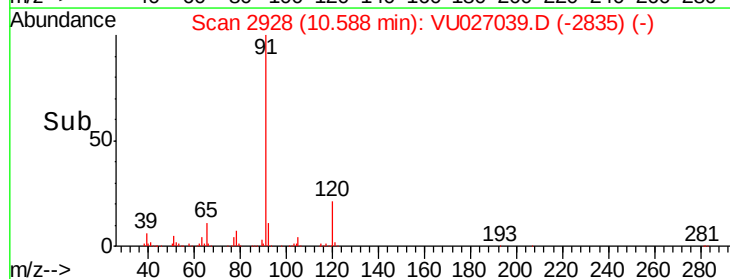
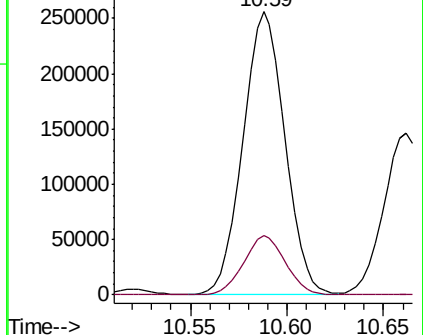
91 100

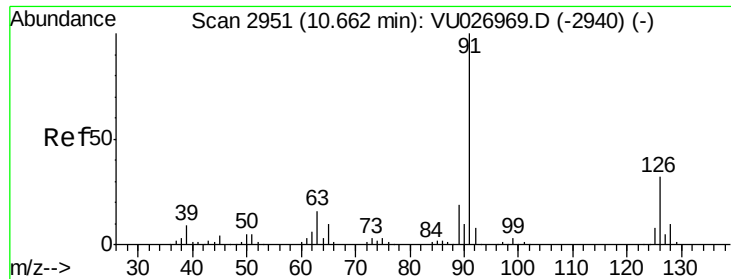
120 20.9 10.6 31.8



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V

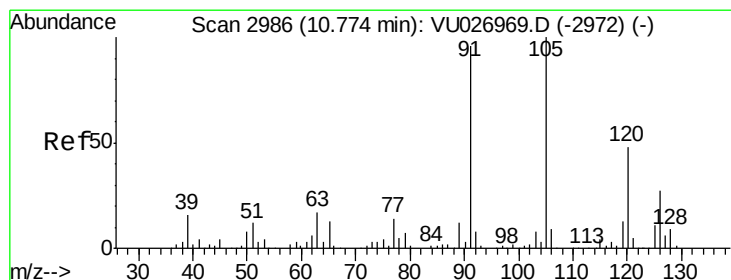
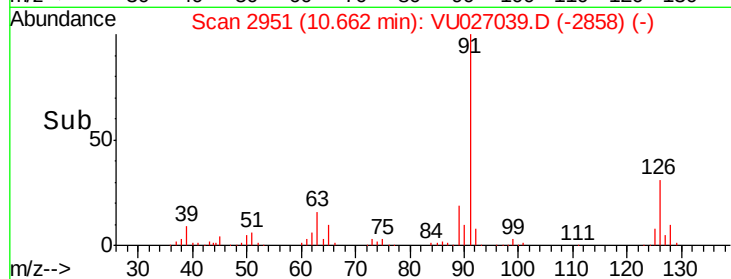
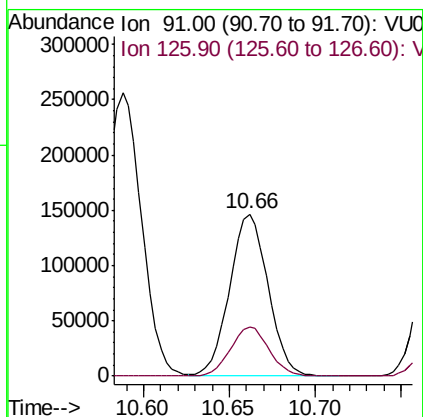
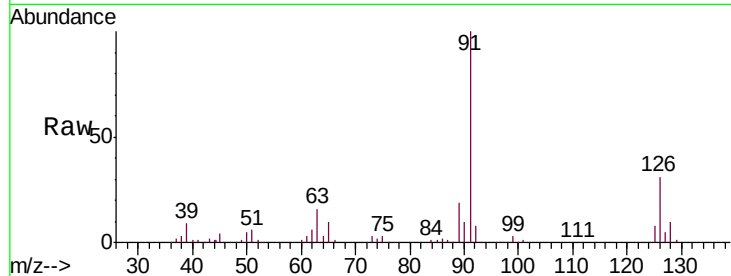




#79
 2-Chlorotoluene
 Concen: 53.219 ug/l
 RT: 10.66 min Scan# 2951
 Delta R.T. 0.00 min
 Lab File: VU027039.D
 Acq: 23 Sep 2018 00:19

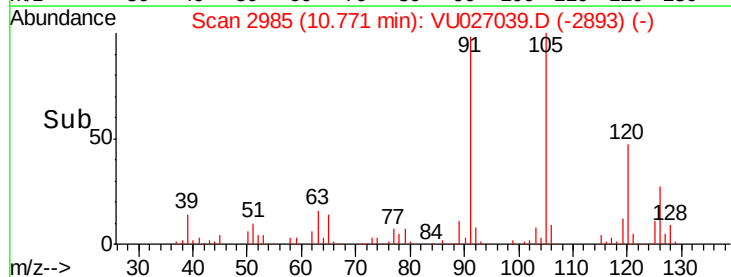
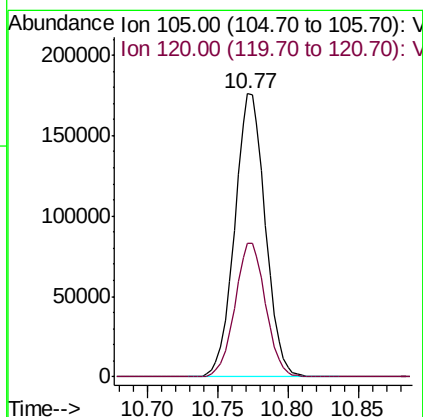
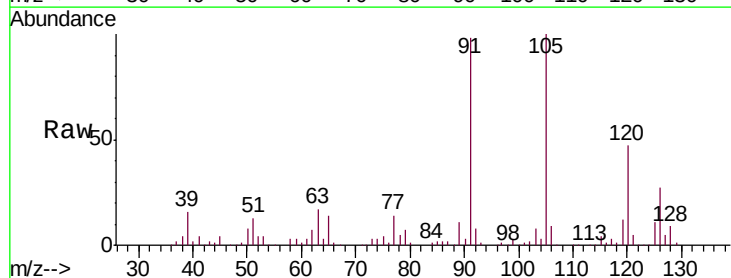
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

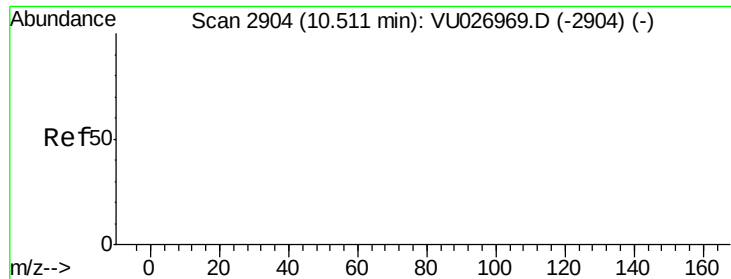
Tgt Ion: 91 Resp: 228375
 Ion Ratio Lower Upper
 91 100
 126 30.7 15.8 47.3



#80
 1,3,5-Trimethylbenzene
 Concen: 56.050 ug/l
 RT: 10.77 min Scan# 2985
 Delta R.T. -0.00 min
 Lab File: VU027039.D
 Acq: 23 Sep 2018 00:19

Tgt Ion: 105 Resp: 267145
 Ion Ratio Lower Upper
 105 100
 120 47.3 23.9 71.7





#81

trans-1,4-Dichloro-2-butene

Concen: 206.830 ug/l

RT: 10.49 min Scan# 2899

Delta R.T. -0.02 min

Lab File: VU027039.D

Acq: 23 Sep 2018 00:19

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

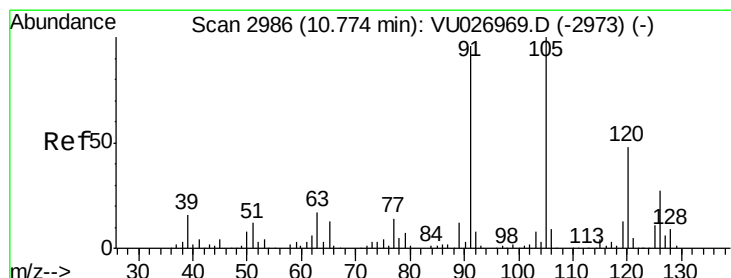
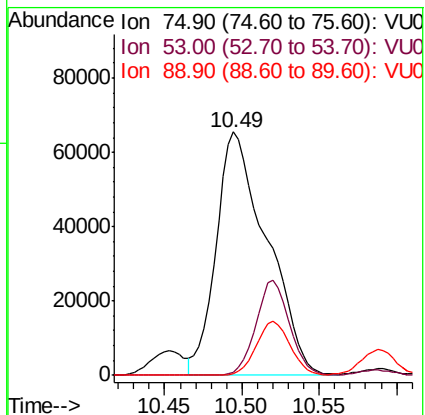
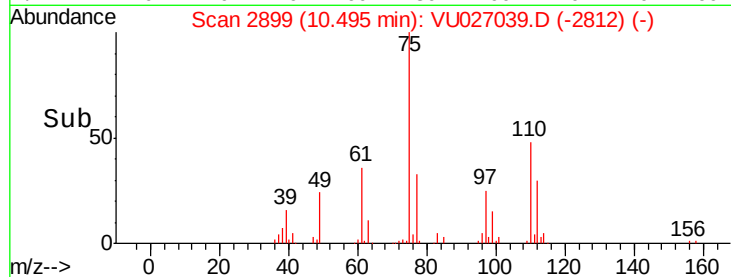
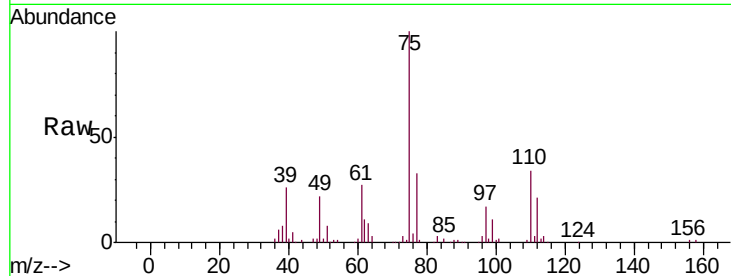
Tgt Ion: 75 Resp: 149033

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

89 0.0 0.0 0.0



#82

4-Chlorotoluene

Concen: 54.852 ug/l

RT: 10.77 min Scan# 2985

Delta R.T. -0.00 min

Lab File: VU027039.D

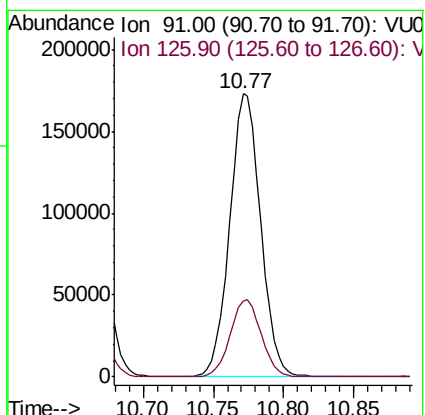
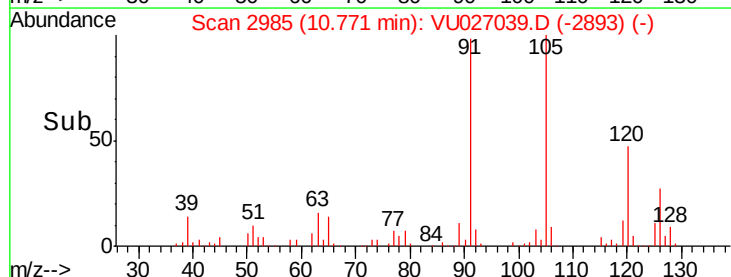
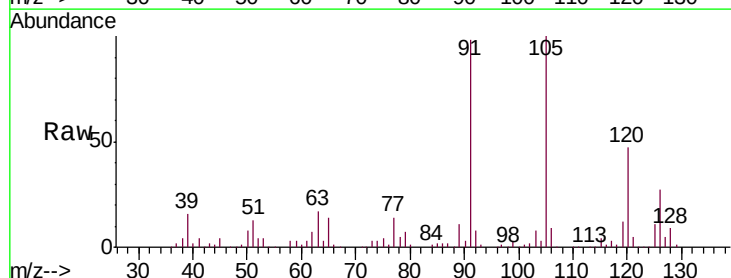
Acq: 23 Sep 2018 00:19

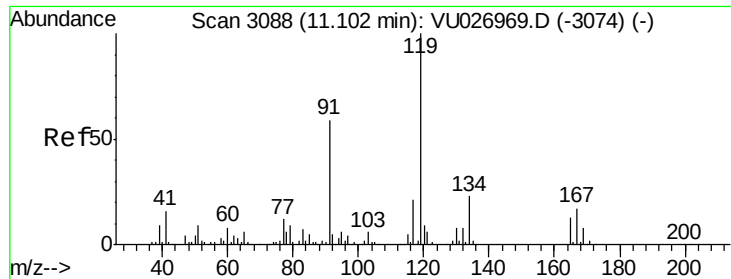
Tgt Ion: 91 Resp: 263934

Ion Ratio Lower Upper

91 100

126 27.6 14.1 42.2

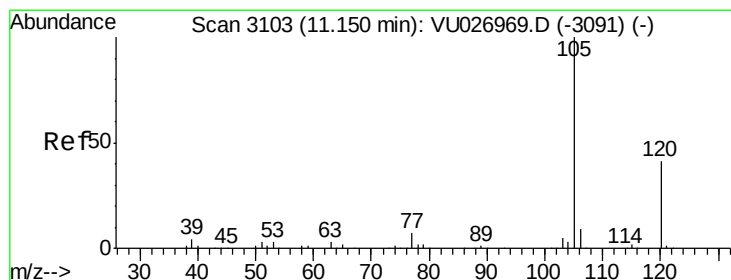
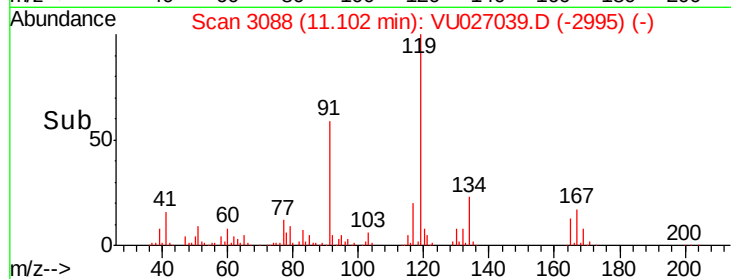
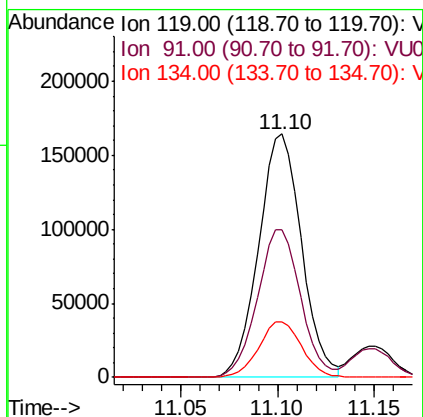
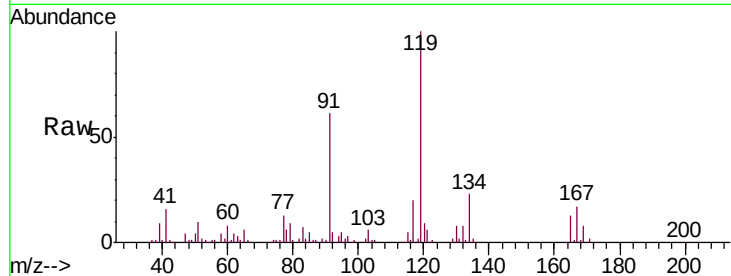




#83
 tert-Butylbenzene
 Concen: 54.027 ug/l
 RT: 11.10 min Scan# 3088
 Delta R.T. 0.00 min
 Lab File: VU027039.D
 Acq: 23 Sep 2018 00:19

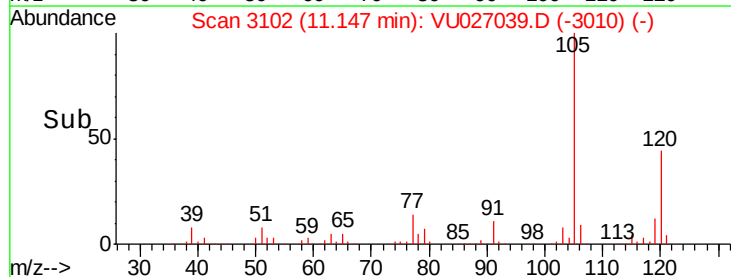
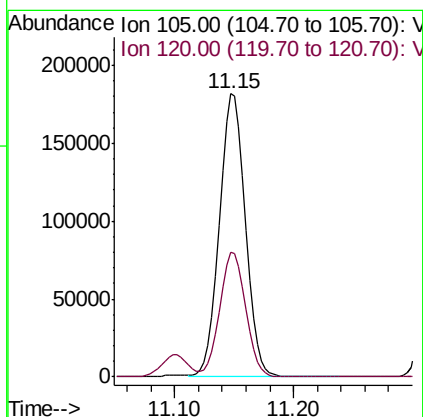
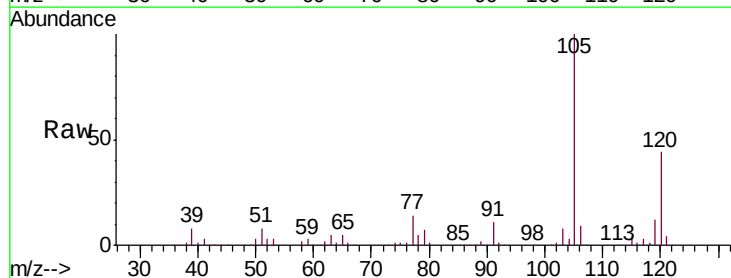
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

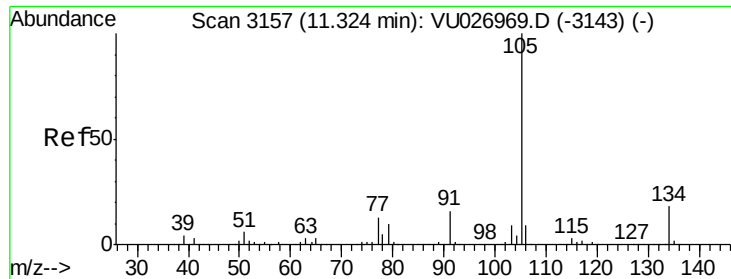
Tgt Ion:119 Resp: 254581
 Ion Ratio Lower Upper
 119 100
 91 60.8 29.8 89.4
 134 22.8 11.5 34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 56.735 ug/l
 RT: 11.15 min Scan# 3102
 Delta R.T. -0.00 min
 Lab File: VU027039.D
 Acq: 23 Sep 2018 00:19

Tgt Ion:105 Resp: 275194
 Ion Ratio Lower Upper
 105 100
 120 43.9 22.4 67.2

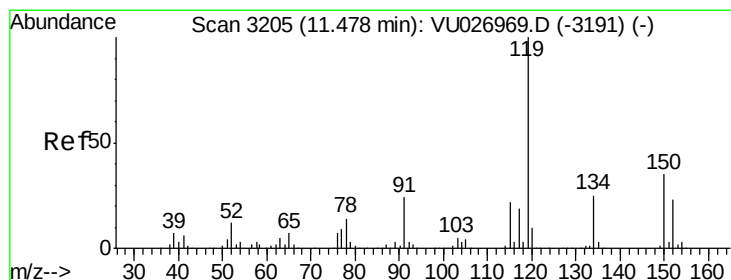
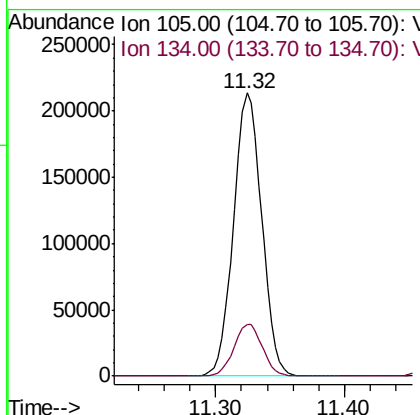
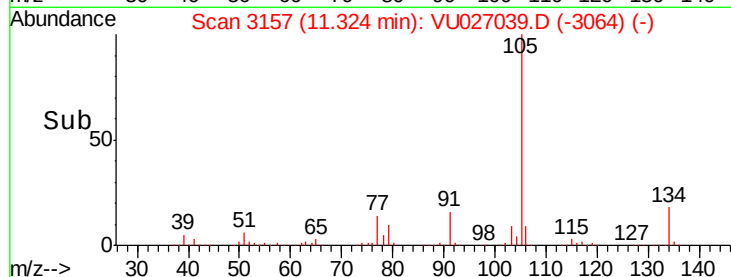
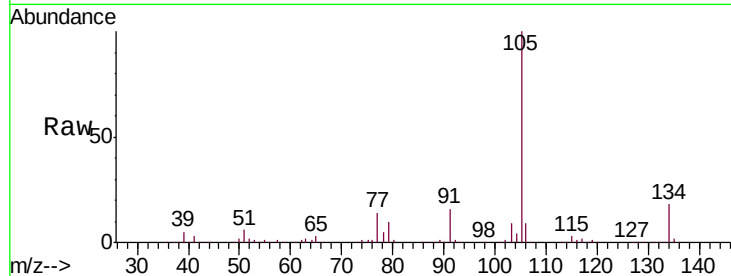




#85
 sec-Butylbenzene
 Concen: 56.292 ug/l
 RT: 11.32 min Scan# 3157
 Delta R.T. 0.00 min
 Lab File: VU027039.D
 Acq: 23 Sep 2018 00:19

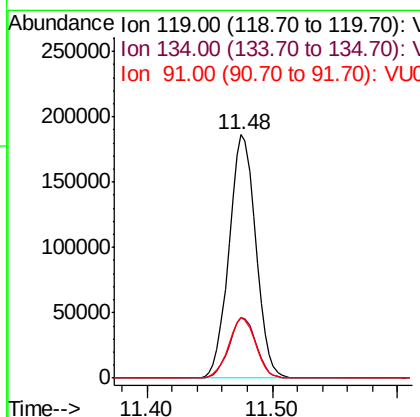
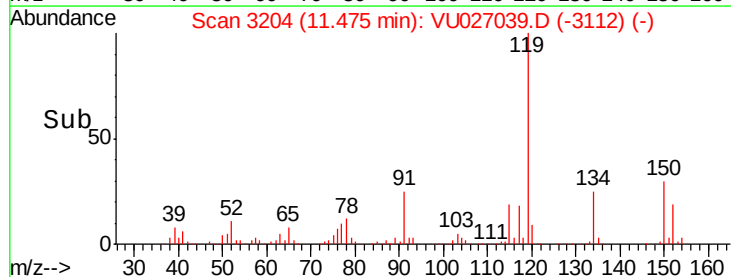
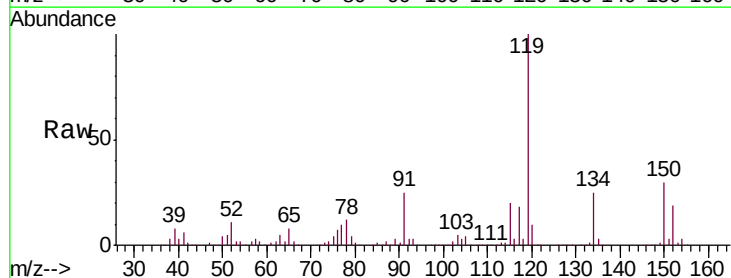
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

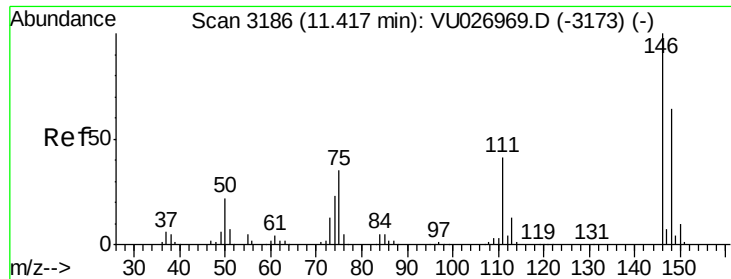
Tgt Ion:105 Resp: 323794
 Ion Ratio Lower Upper
 105 100
 134 18.5 9.4 28.2



#86
 p-Isopropyltoluene
 Concen: 51.049 ug/l
 RT: 11.48 min Scan# 3204
 Delta R.T. -0.00 min
 Lab File: VU027039.D
 Acq: 23 Sep 2018 00:19

Tgt Ion:119 Resp: 275640
 Ion Ratio Lower Upper
 119 100
 134 25.1 12.8 38.3
 91 24.9 12.3 36.8

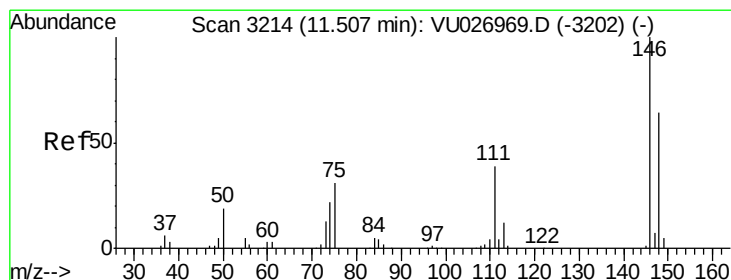
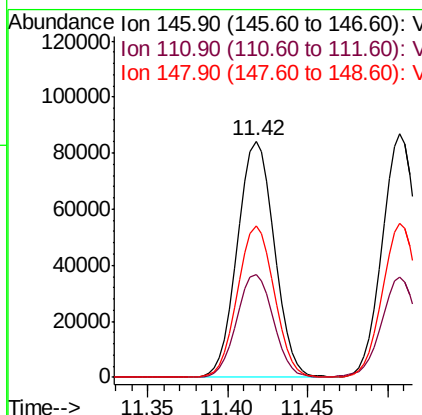
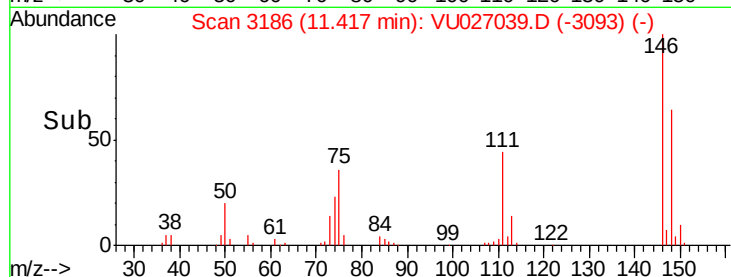
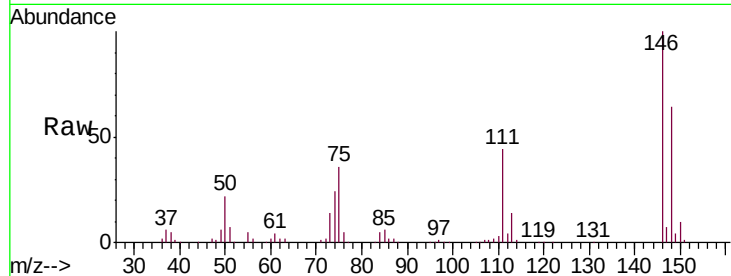




#87
 1,3-Dichlorobenzene
 Concen: 50.483 ug/l
 RT: 11.42 min Scan# 3186
 Delta R.T. 0.00 min
 Lab File: VU027039.D
 Acq: 23 Sep 2018 00:19

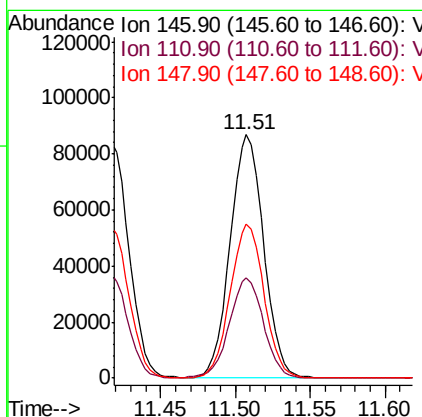
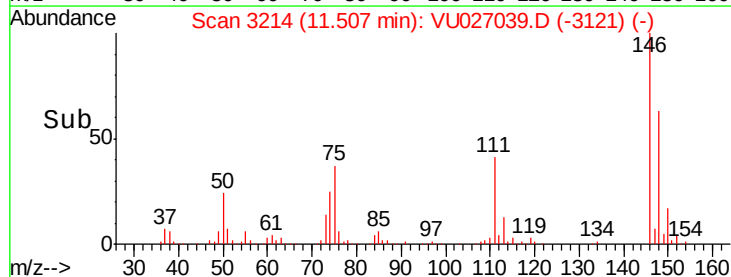
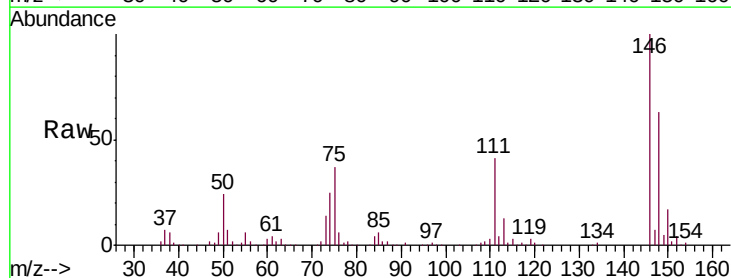
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

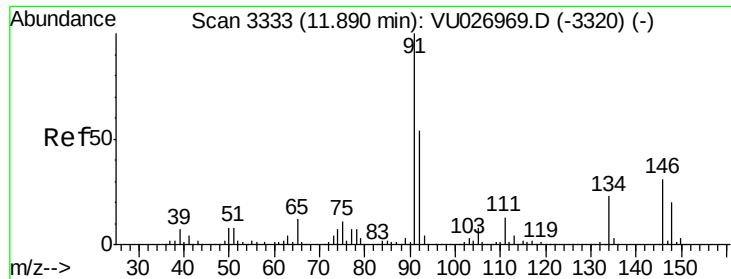
Tgt Ion:146 Resp: 132549
 Ion Ratio Lower Upper
 146 100
 111 43.4 20.8 62.2
 148 63.7 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 47.491 ug/l
 RT: 11.51 min Scan# 3214
 Delta R.T. 0.00 min
 Lab File: VU027039.D
 Acq: 23 Sep 2018 00:19

Tgt Ion:146 Resp: 135900
 Ion Ratio Lower Upper
 146 100
 111 41.8 20.3 60.9
 148 63.8 31.9 95.9





#89

n-Butylbenzene

Concen: 49.127 ug/l

RT: 11.89 min Scan# 3333

Delta R.T. 0.00 min

Lab File: VU027039.D

Acq: 23 Sep 2018 00:19

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

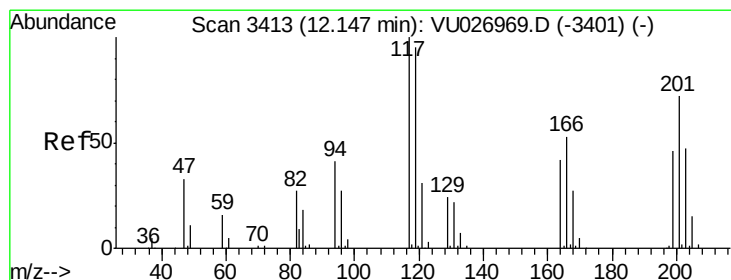
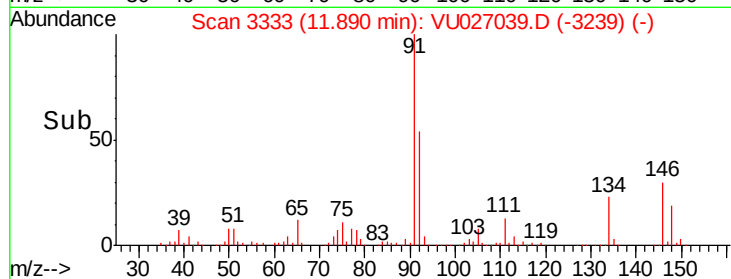
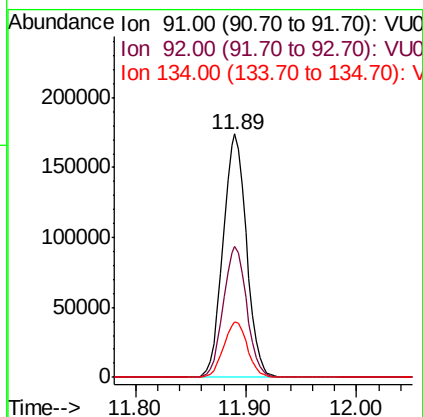
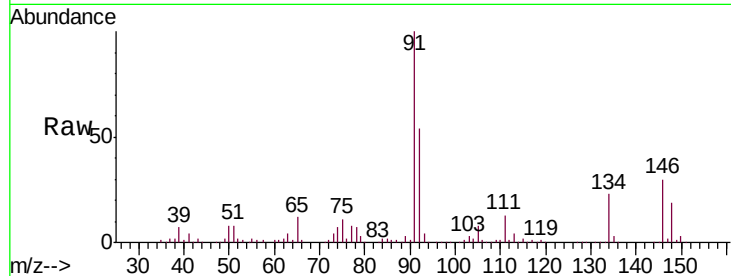
Tgt Ion: 91 Resp: 256811

Ion Ratio Lower Upper

91 100

92 53.7 27.1 81.2

134 23.0 11.7 35.0



#90

Hexachloroethane

Concen: 49.170 ug/l

RT: 12.15 min Scan# 3413

Delta R.T. 0.00 min

Lab File: VU027039.D

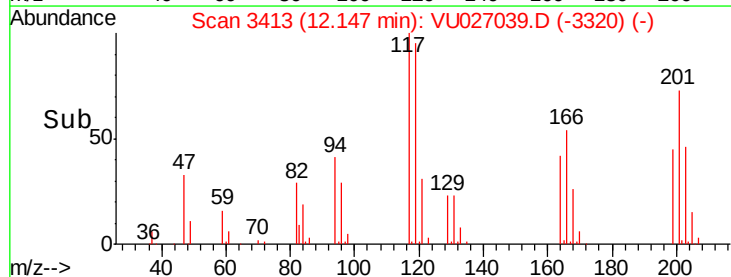
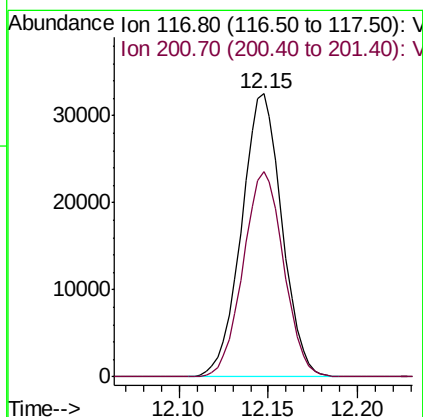
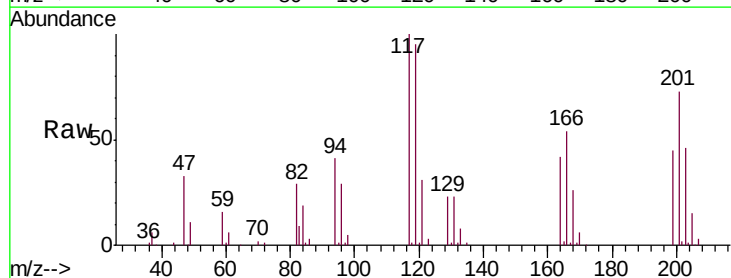
Acq: 23 Sep 2018 00:19

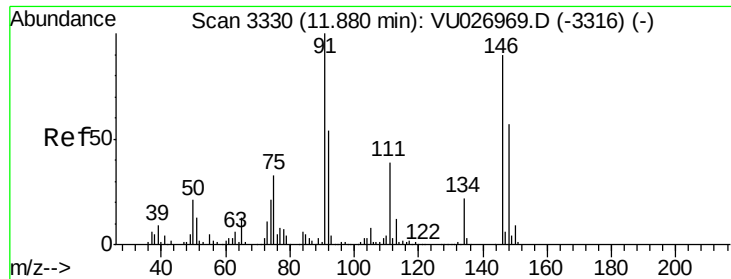
Tgt Ion: 117 Resp: 51432

Ion Ratio Lower Upper

117 100

201 72.6 36.8 110.3





#91

1,2-Dichlorobenzene

Concen: 48.294 ug/l

RT: 11.88 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VU027039.D

Acq: 23 Sep 2018 00:19

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

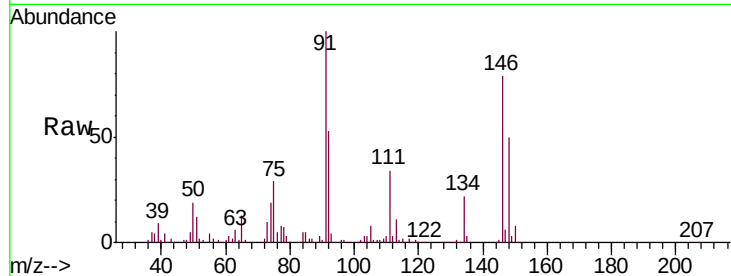
Tgt Ion:146 Resp: 134694

Ion Ratio Lower Upper

146 100

111 44.0 21.8 65.3

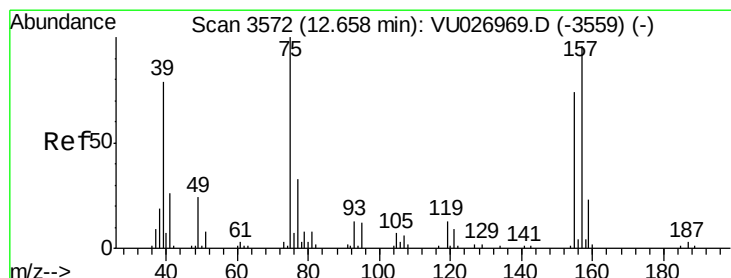
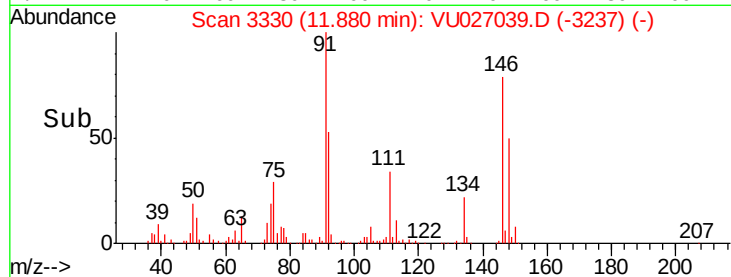
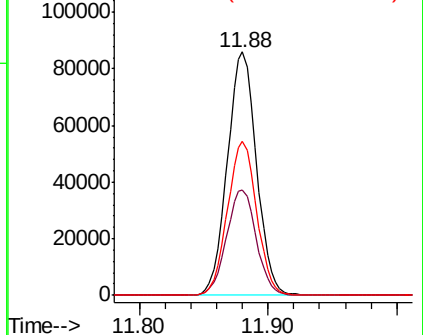
148 63.4 31.9 95.7



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 51.610 ug/l

RT: 12.66 min Scan# 3571

Delta R.T. -0.00 min

Lab File: VU027039.D

Acq: 23 Sep 2018 00:19

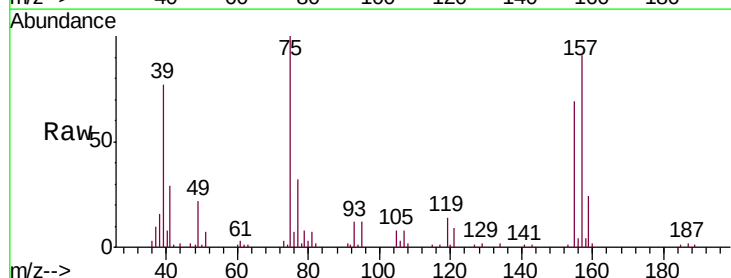
Tgt Ion: 75 Resp: 27950

Ion Ratio Lower Upper

75 100

155 70.5 36.6 109.8

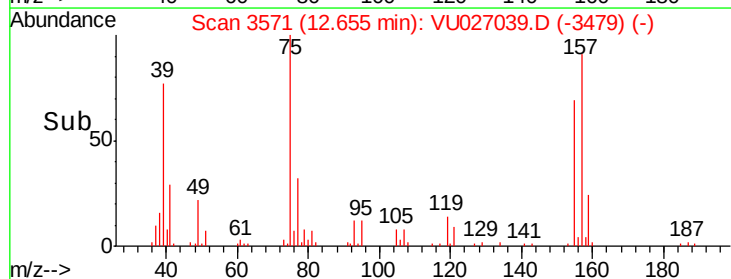
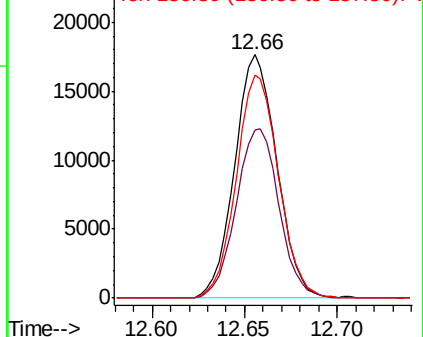
157 91.6 47.4 142.2

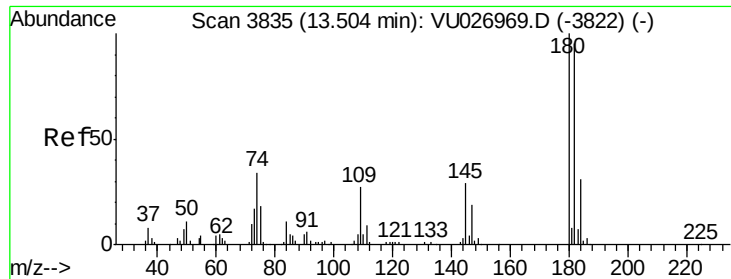


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

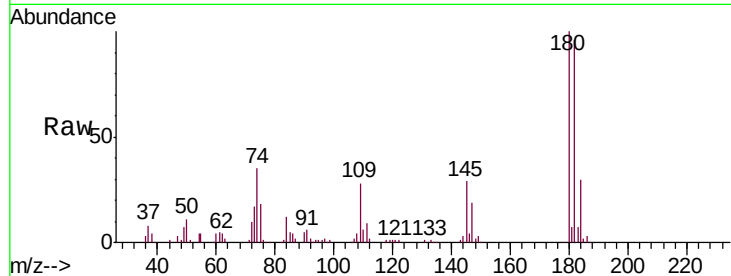




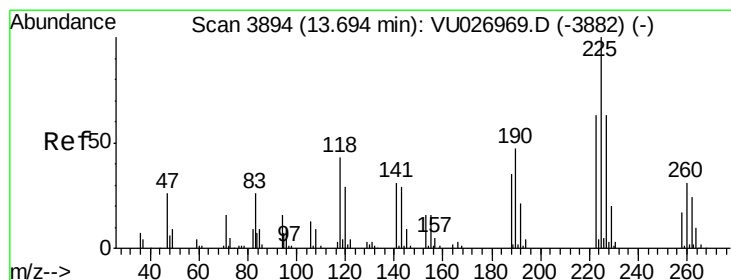
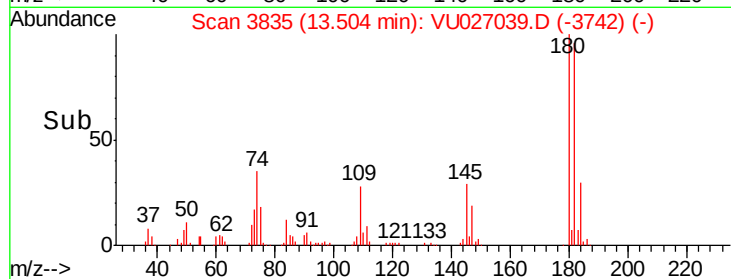
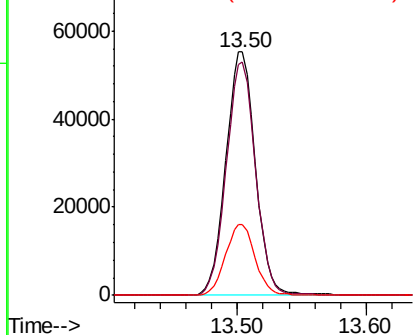
#93
 1,2,4-Trichlorobenzene
 Concen: 54.538 ug/l
 RT: 13.50 min Scan# 3835
 Delta R.T. 0.00 min
 Lab File: VU027039.D
 Acq: 23 Sep 2018 00:19

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:180 Resp: 87655
 Ion Ratio Lower Upper
 180 100
 182 95.1 47.4 142.2
 145 29.2 14.9 44.5

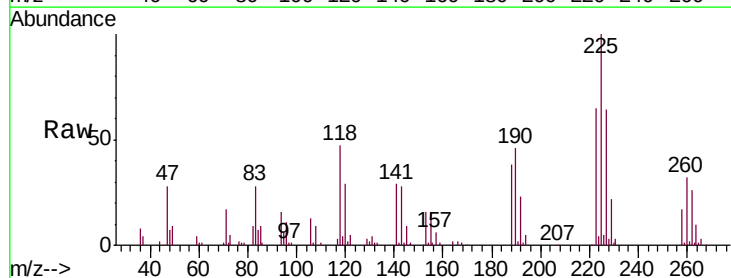


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

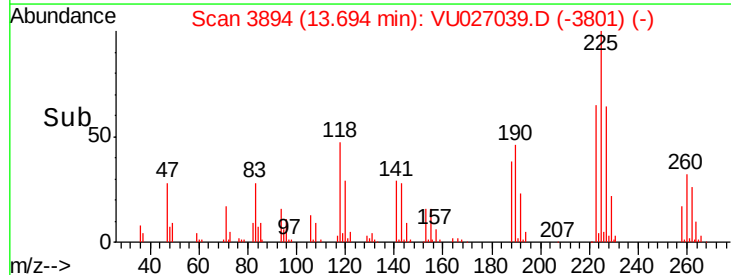
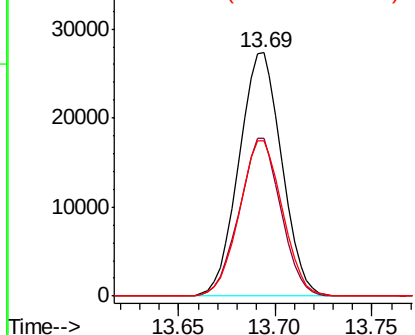


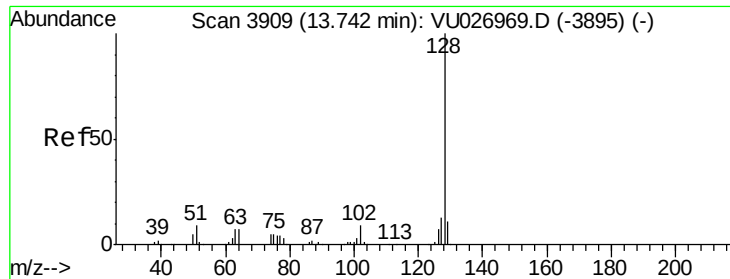
#94
 Hexachlorobutadiene
 Concen: 49.551 ug/l
 RT: 13.69 min Scan# 3894
 Delta R.T. 0.00 min
 Lab File: VU027039.D
 Acq: 23 Sep 2018 00:19

Tgt Ion:225 Resp: 42139
 Ion Ratio Lower Upper
 225 100
 223 62.9 31.9 95.7
 227 64.0 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

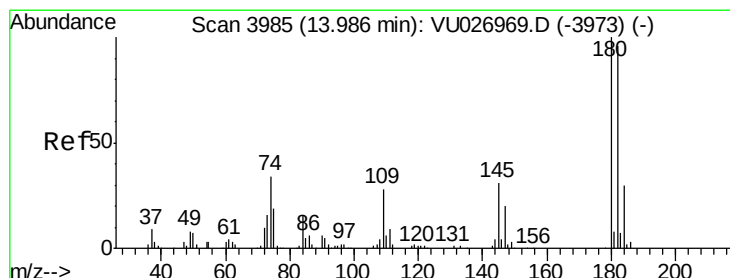
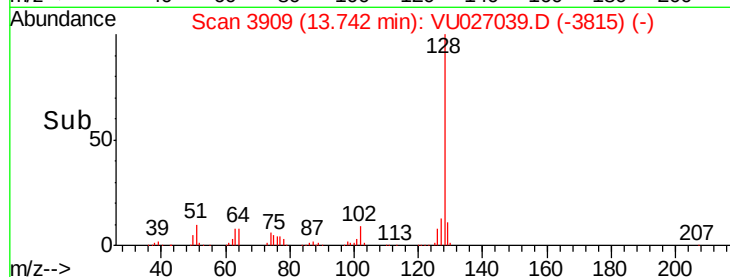
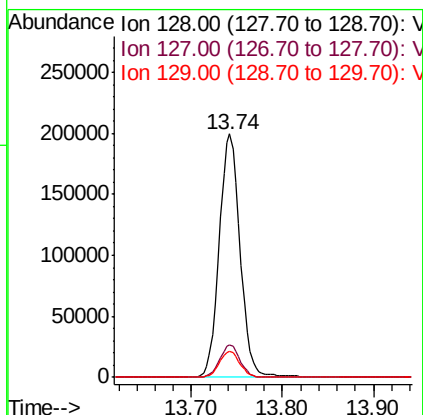
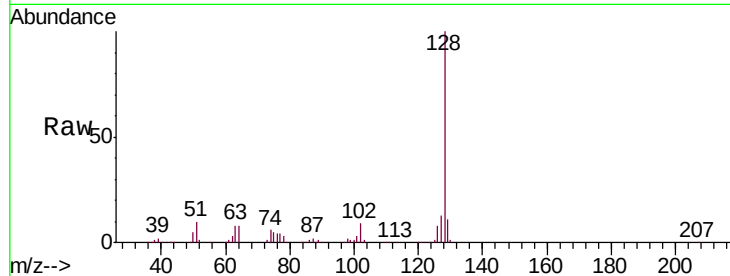




#95
Naphthalene
Concen: 50.622 ug/l
RT: 13.74 min Scan# 3909
Delta R.T. 0.00 min
Lab File: VU027039.D
Acq: 23 Sep 2018 00:19

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 318248
Ion Ratio Lower Upper
128 100
127 13.0 10.6 15.8
129 10.3 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 53.283 ug/l
RT: 13.99 min Scan# 3985
Delta R.T. 0.00 min
Lab File: VU027039.D
Acq: 23 Sep 2018 00:19

Tgt Ion:180 Resp: 91838
Ion Ratio Lower Upper
180 100
182 96.3 47.5 142.5
145 32.1 15.4 46.4

