

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU063018\
 Data File : VU025107.D
 Acq On : 30 Jun 2018 22:52
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 02 05:43:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 13 13:55:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	168550	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	258785	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	243656	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	151524	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	126883	46.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.22%	
35) Dibromofluoromethane	4.89	113	102728	47.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.66%	
50) Toluene-d8	7.57	98	333281	42.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.08%	
62) 4-Bromofluorobenzene	10.31	95	142756	45.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.80%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	89399	42.375	ug/l	99
3) Chloromethane	1.33	50	106178	49.262	ug/l	100
4) Vinyl Chloride	1.40	62	108594	48.854	ug/l	97
5) Bromomethane	1.62	94	60144	55.972	ug/l	99
6) Chloroethane	1.69	64	69379	55.983	ug/l	99
7) Trichlorofluoromethane	1.89	101	173790	51.232	ug/l	98
8) Diethyl Ether	2.10	74	65095	56.637	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	2.29	101	101319	48.144	ug/l	97
10) Methyl Iodide	2.41	142	102172	56.587	ug/l	98
11) Tert butyl alcohol	2.82	59	166567	248.898	ug/l	99
12) 1,1-Dichloroethene	2.28	96	95759	49.895	ug/l	96
13) Acrolein	2.19	56	53883	153.328	ug/l	98
14) Allyl chloride	2.59	41	162863	45.704	ug/l	98
15) Acrylonitrile	2.93	53	338091	259.663	ug/l	99
16) Acetone	2.32	43	320329	216.667	ug/l	98
17) Carbon Disulfide	2.48	76	264518	43.044	ug/l	99
18) Methyl Acetate	2.62	43	205520	64.844	ug/l	100
19) Methyl tert-butyl Ether	3.00	73	388218	53.813	ug/l	95
20) Methylene Chloride	2.70	84	117059	50.461	ug/l	96
21) trans-1,2-Dichloroethene	2.99	96	105368	49.848	ug/l	98
22) Diisopropyl ether	3.57	45	369381	52.291	ug/l	97
23) Vinyl Acetate	3.53	43	1536212	242.771	ug/l	99
24) 1,1-Dichloroethane	3.45	63	211508	52.048	ug/l	98
25) 2-Butanone	4.26	43	494994	249.257	ug/l	97
26) 2,2-Dichloropropane	4.23	77	144368	37.414	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	135111	55.598	ug/l	96
28) Bromochloromethane	4.55	49	82973	46.356	ug/l	85
29) Tetrahydrofuran	4.63	42	314490	255.727	ug/l	96
30) Chloroform	4.68	83	225513	54.828	ug/l	99
31) Cyclohexane	5.00	56	189320	52.563	ug/l	96
32) 1,1,1-Trichloroethane	4.92	97	206033	54.169	ug/l	97
36) 1,1-Dichloropropene	5.14	75	156207	51.368	ug/l	97
37) Ethyl Acetate	4.38	43	180936	54.591	ug/l	98
38) Carbon Tetrachloride	5.14	117	181494	54.275	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	189656	49.977	ug/l	96
40) Benzene	5.39	78	469165	54.145	ug/l	99
41) Methacrylonitrile	4.54	41	102877	57.570	ug/l	98
42) 1,2-Dichloroethane	5.41	62	192878	58.445	ug/l	99
43) Isopropyl Acetate	5.55	43	293822	51.286	ug/l	99
44) Trichloroethene	6.19	130	133903	54.299	ug/l	94
45) 1,2-Dichloropropane	6.44	63	123164	53.271	ug/l	100
46) Dibromomethane	6.56	93	88480	54.483	ug/l	94
47) Bromodichloromethane	6.76	83	173369	53.611	ug/l #	99
48) Methyl methacrylate	6.62	41	152075	54.513	ug/l	98
49) 1,4-Dioxane	6.61	88	68858	1262.144	ug/l	98
51) 4-Methyl-2-Pentanone	7.46	43	957070	265.905	ug/l	98
52) Toluene	7.64	92	301725	54.124	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	179152	49.331	ug/l	100
54) cis-1,3-Dichloropropene	7.27	75	188606	48.739	ug/l	99
55) 1,1,2-Trichloroethane	8.07	97	123448	54.477	ug/l	98
56) Ethyl methacrylate	8.02	69	196434	51.791	ug/l	99
57) 1,3-Dichloropropane	8.25	76	212081	55.480	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	344132	236.835	ug/l	95
59) 2-Hexanone	8.36	43	760368	258.762	ug/l	99
60) Dibromochloromethane	8.48	129	142413	50.398	ug/l	100
61) 1,2-Dibromoethane	8.59	107	136471	54.108	ug/l	98
64) Tetrachloroethene	8.23	164	129995	56.128	ug/l	97
65) Chlorobenzene	9.12	112	349267	56.111	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	128389	54.291	ug/l	97
67) Ethyl Benzene	9.25	91	595205	54.546	ug/l	98
68) m/p-Xylenes	9.38	106	464691	110.899	ug/l	97
69) o-Xylene	9.78	106	233179	56.229	ug/l	95
70) Styrene	9.80	104	371613	54.530	ug/l	98
71) Bromoform	9.96	173	112849	50.205	ug/l #	99
73) Isopropylbenzene	10.17	105	621579	53.431	ug/l	100
74) N-amyl acetate	10.01	43	259411	46.881	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	205835	52.800	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	236254	70.819	ug/l	81
77) Bromobenzene	10.45	156	158656	53.870	ug/l	94
78) n-propylbenzene	10.59	91	698288	50.955	ug/l	97
79) 2-Chlorotoluene	10.66	91	422766	52.313	ug/l	98
80) 1,3,5-Trimethylbenzene	10.78	105	533763	52.936	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.50	75	236254	163.906	ug/l #	100
82) 4-Chlorotoluene	10.78	91	486601	51.733	ug/l	100
83) tert-Butylbenzene	11.10	119	527019	54.336	ug/l	100
84) 1,2,4-Trimethylbenzene	11.15	105	538516	52.407	ug/l	100
85) sec-Butylbenzene	11.33	105	629718	51.867	ug/l	98
86) p-Isopropyltoluene	11.48	119	550116	50.592	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	287435	52.826	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	286829	52.374	ug/l	99
89) n-Butylbenzene	11.89	91	437831	45.354	ug/l	97
90) Hexachloroethane	12.15	117	98210	46.300	ug/l	96
91) 1,2-Dichlorobenzene	11.88	146	296282	54.363	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	53072	49.338	ug/l	92

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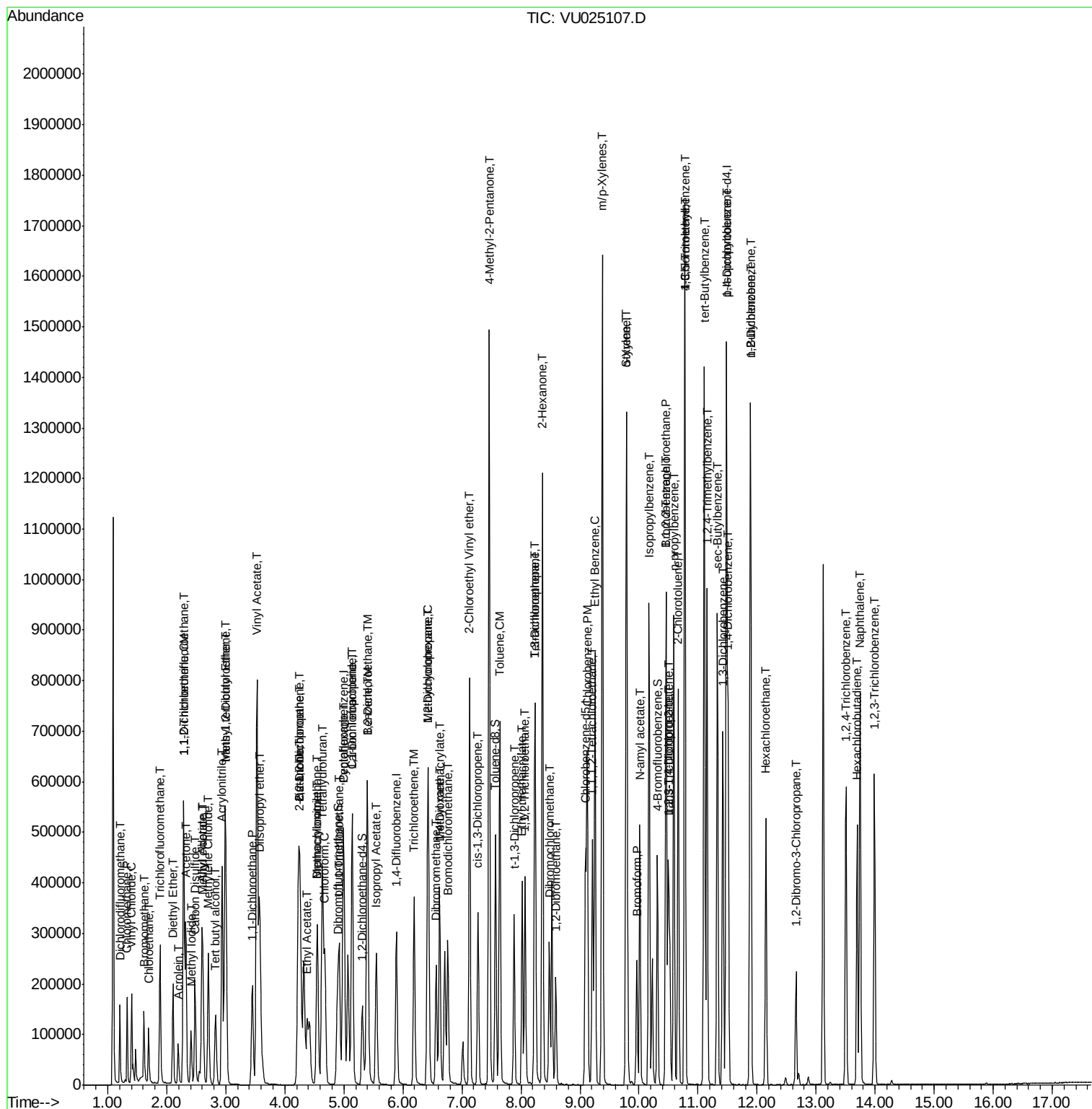
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	181610	53.962	ug/l	99
94) Hexachlorobutadiene	13.70	225	97080	51.249	ug/l	99
95) Naphthalene	13.74	128	600822	53.873	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	192516	57.407	ug/l	99

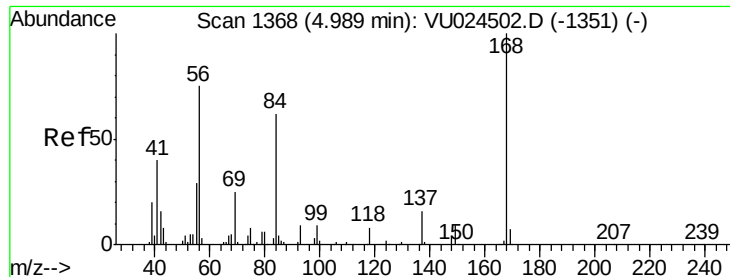
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VU025107.D

Acq: 30 Jun 2018 22:52

Instrument :

MSVOA_U

ClientSampleId :

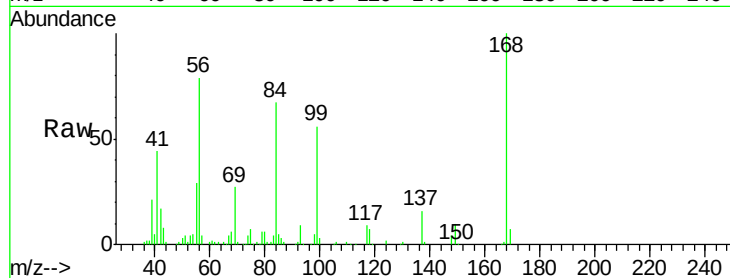
VSTDCCC050EC

Tgt Ion:168 Resp: 168550

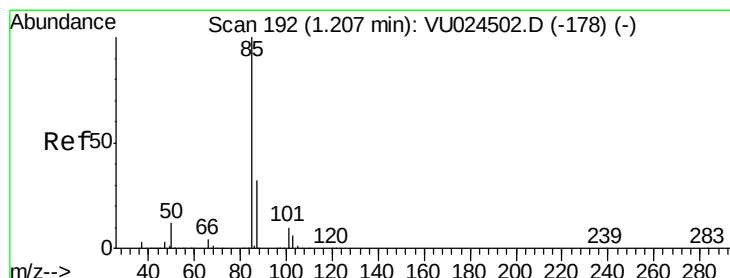
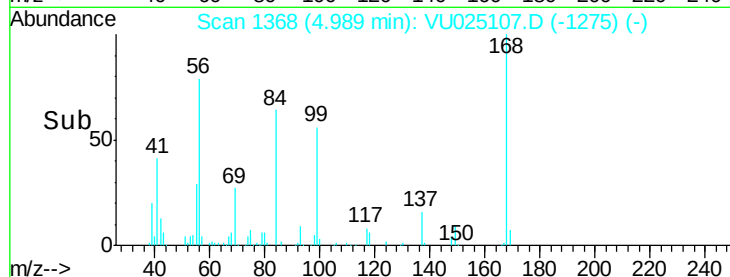
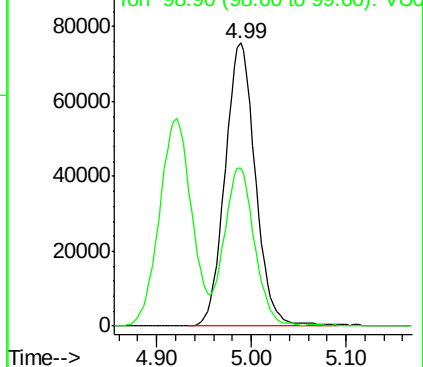
Ion Ratio Lower Upper

168 100

99 55.6 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): VU024502.D (-1351) (-)



#2

Dichlorodifluoromethane

Concen: 42.375 ug/l

RT: 1.20 min Scan# 191

Delta R.T. -0.00 min

Lab File: VU025107.D

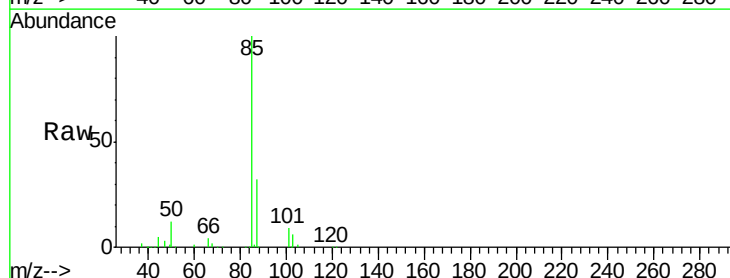
Acq: 30 Jun 2018 22:52

Tgt Ion: 85 Resp: 89399

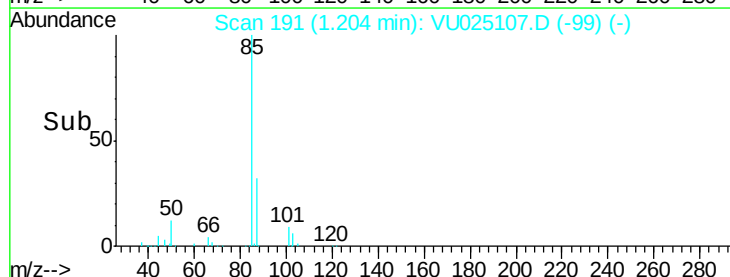
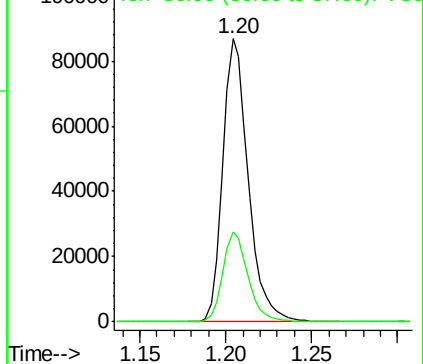
Ion Ratio Lower Upper

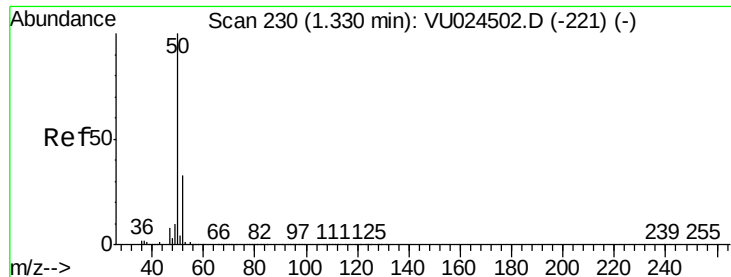
85 100

87 31.8 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VU024502.D (-178) (-)





#3

Chloromethane

Concen: 49.262 ug/l

RT: 1.33 min Scan# 229

Delta R.T. -0.00 min

Lab File: VU025107.D

Acq: 30 Jun 2018 22:52

Instrument :

MSVOA_U

ClientSampleId :

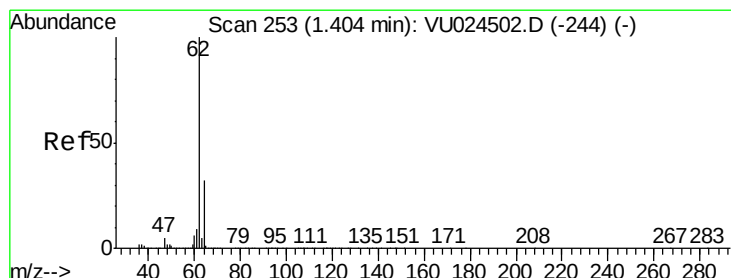
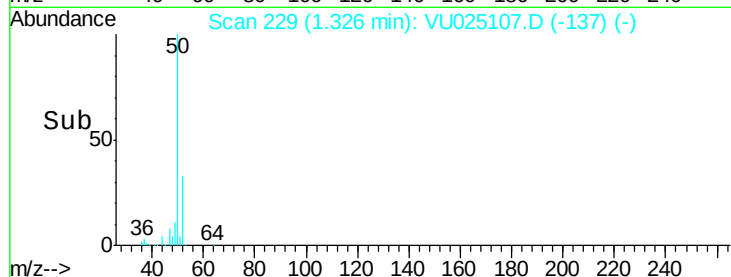
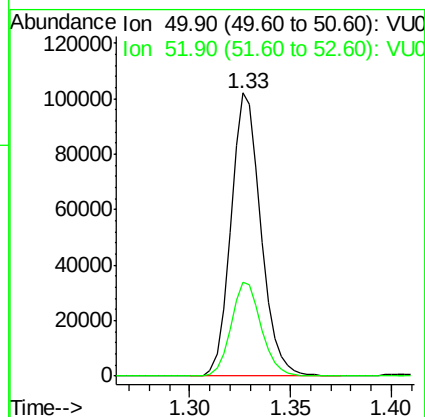
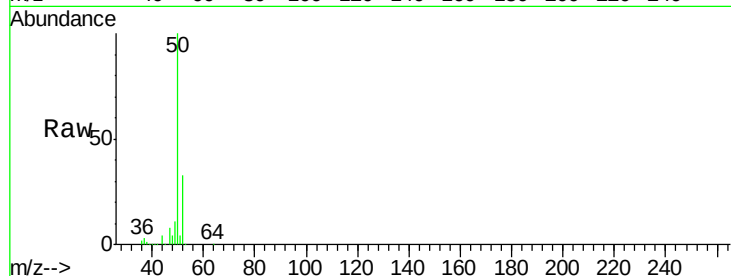
VSTDCCC050EC

Tgt Ion: 50 Resp: 106178

Ion Ratio Lower Upper

50 100

52 33.2 26.4 39.6



#4

Vinyl Chloride

Concen: 48.854 ug/l

RT: 1.40 min Scan# 253

Delta R.T. -0.00 min

Lab File: VU025107.D

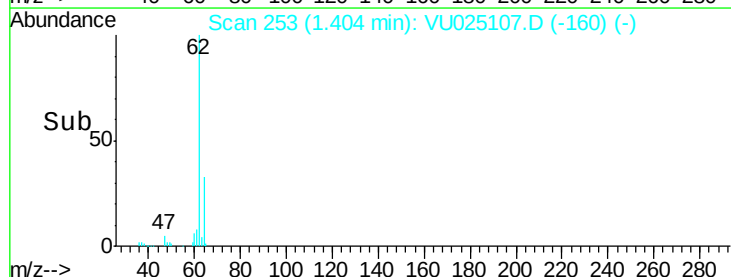
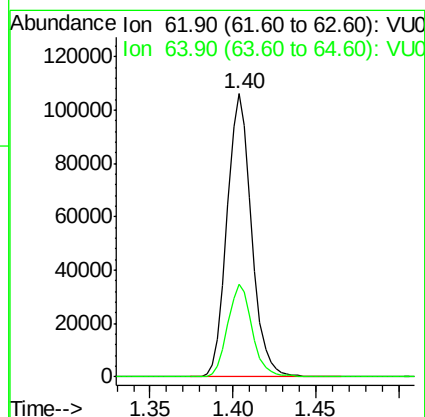
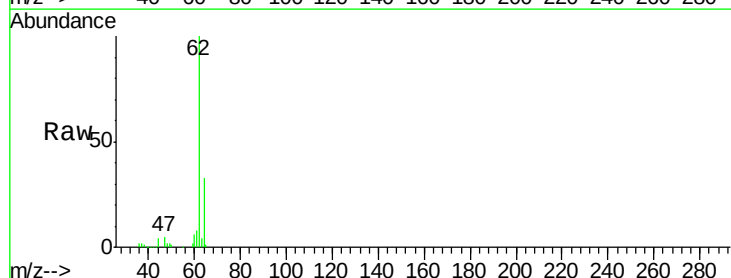
Acq: 30 Jun 2018 22:52

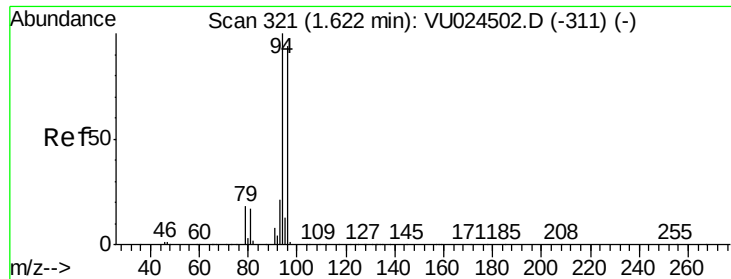
Tgt Ion: 62 Resp: 108594

Ion Ratio Lower Upper

62 100

64 32.6 24.8 37.2





#5

Bromomethane

Concen: 55.972 ug/l

RT: 1.62 min Scan# 319

Delta R.T. -0.01 min

Lab File: VU025107.D

Acq: 30 Jun 2018 22:52

Instrument :

MSVOA_U

ClientSampleId :

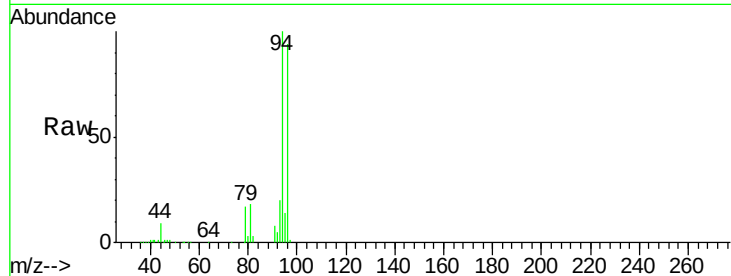
VSTDCCC050EC

Tgt Ion: 94 Resp: 60144

Ion Ratio Lower Upper

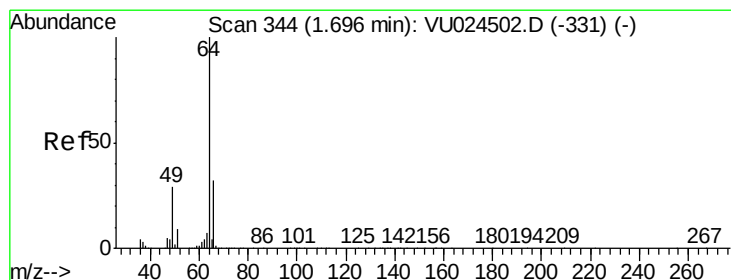
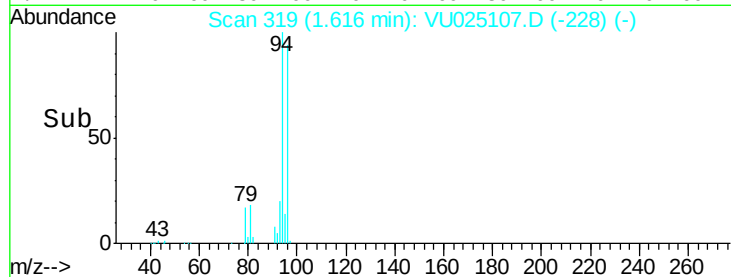
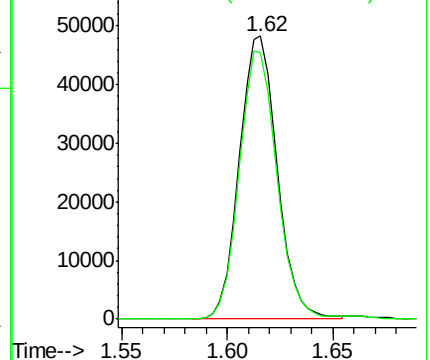
94 100

96 93.7 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0



#6

Chloroethane

Concen: 55.983 ug/l

RT: 1.69 min Scan# 343

Delta R.T. -0.00 min

Lab File: VU025107.D

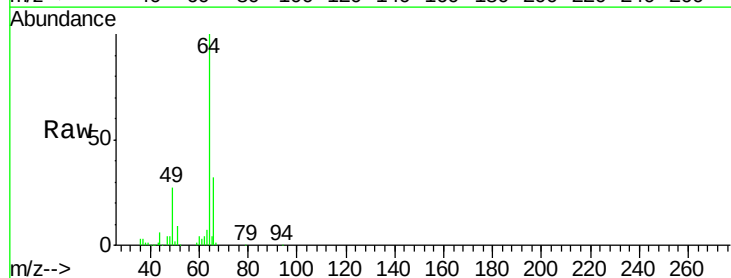
Acq: 30 Jun 2018 22:52

Tgt Ion: 64 Resp: 69379

Ion Ratio Lower Upper

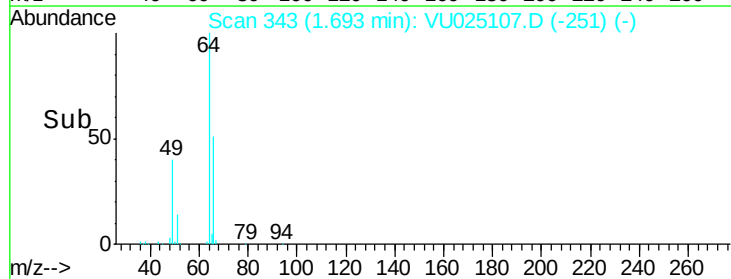
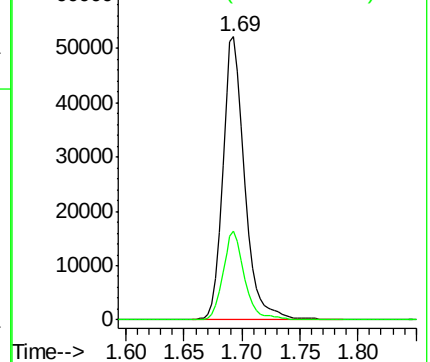
64 100

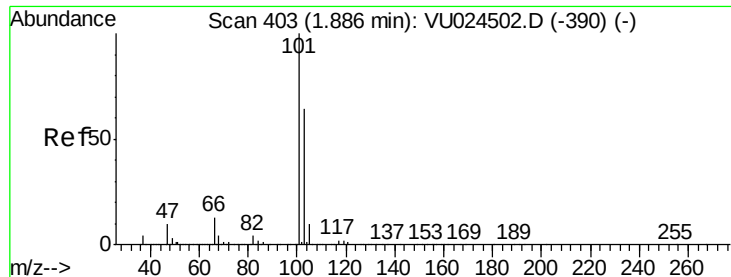
66 31.5 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0



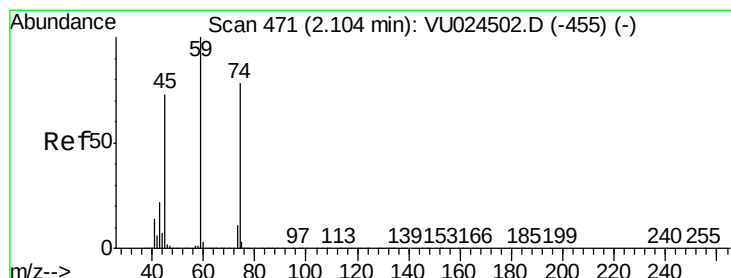
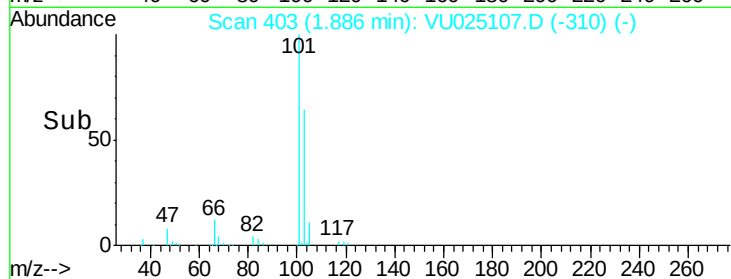
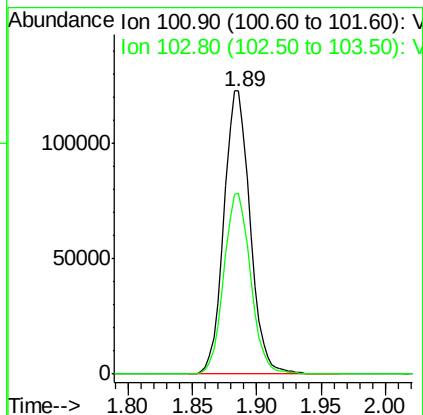
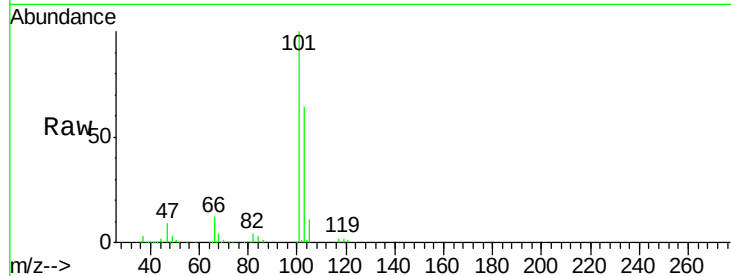


#7

Trichlorofluoromethane
 Concen: 51.232 ug/l
 RT: 1.89 min Scan# 403
 Delta R.T. 0.00 min
 Lab File: VU025107.D
 Acq: 30 Jun 2018 22:52

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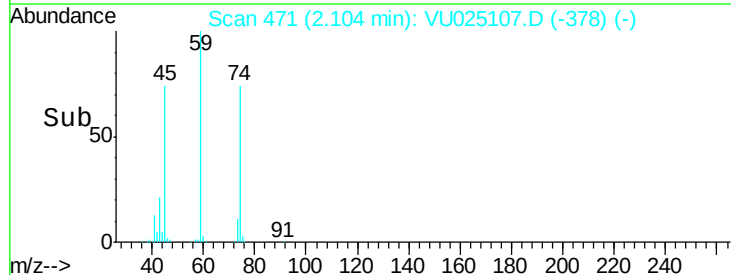
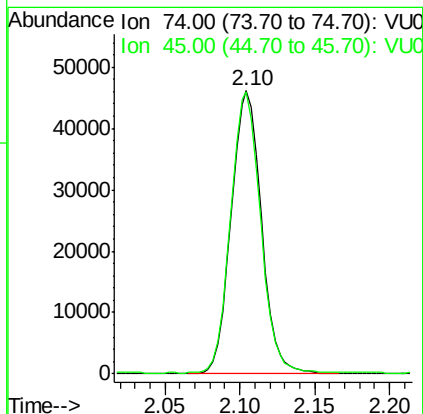
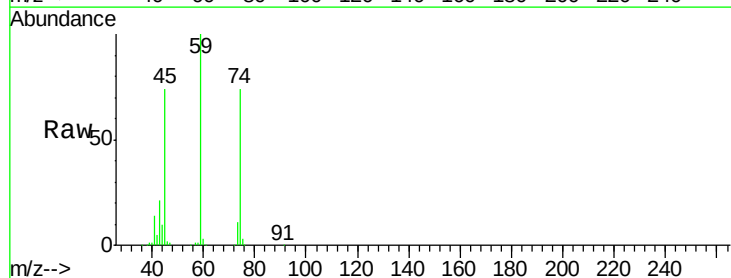
Tgt Ion:101 Resp: 173790
 Ion Ratio Lower Upper
 101 100
 103 63.9 52.3 78.5

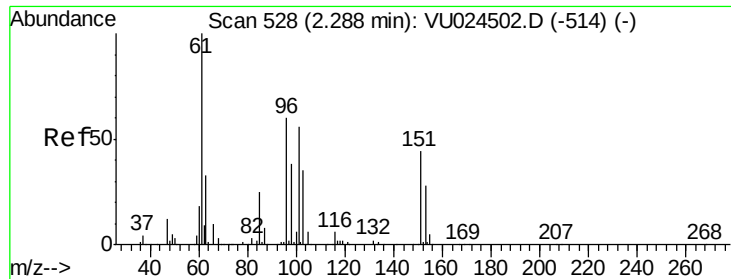


#8

Diethyl Ether
 Concen: 56.637 ug/l
 RT: 2.10 min Scan# 471
 Delta R.T. 0.00 min
 Lab File: VU025107.D
 Acq: 30 Jun 2018 22:52

Tgt Ion: 74 Resp: 65095
 Ion Ratio Lower Upper
 74 100
 45 98.1 55.0 165.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.144 ug/l

RT: 2.29 min Scan# 528

Delta R.T. -0.00 min

Lab File: VU025107.D

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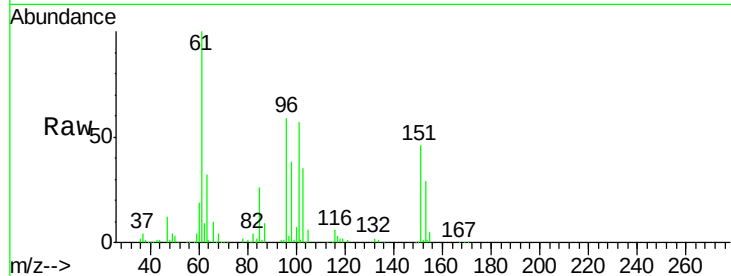
Tgt Ion:101 Resp: 101319

Ion Ratio Lower Upper

101 100

85 46.1 36.0 54.0

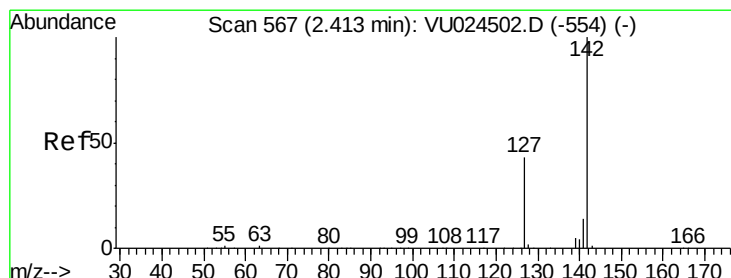
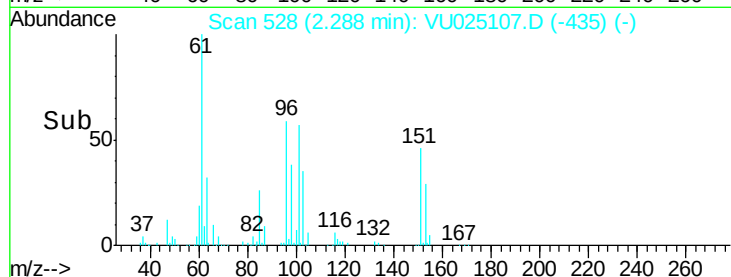
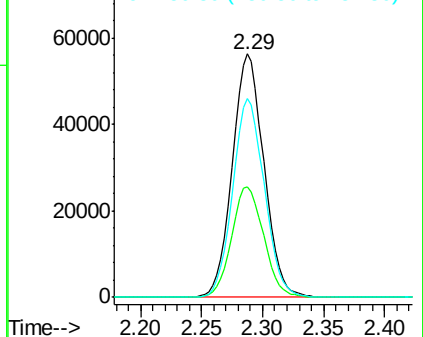
151 81.5 62.3 93.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VU0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 56.587 ug/l

RT: 2.41 min Scan# 567

Delta R.T. 0.00 min

Lab File: VU025107.D

Acq: 30 Jun 2018 22:52

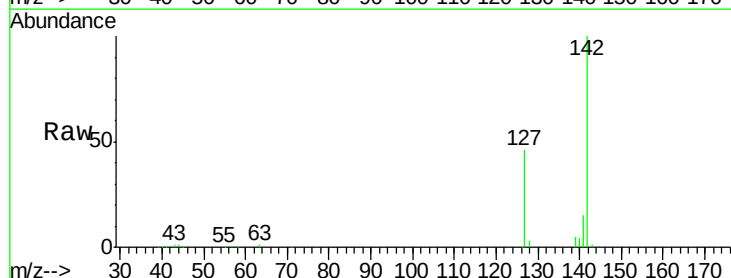
Tgt Ion:142 Resp: 102172

Ion Ratio Lower Upper

142 100

127 46.2 35.6 53.4

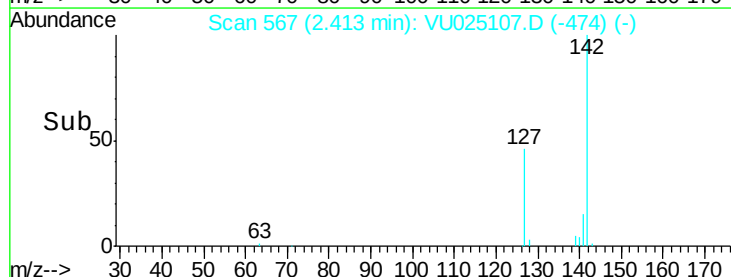
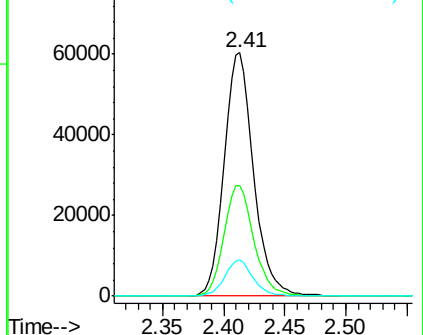
141 14.2 11.7 17.5

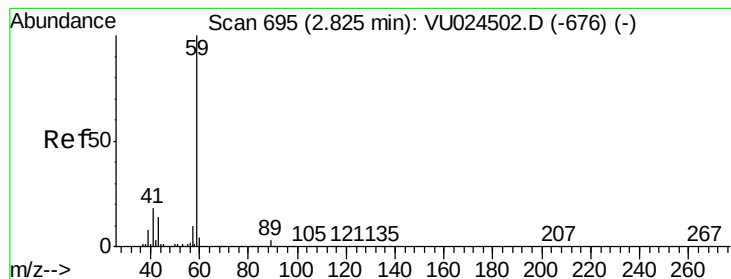


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



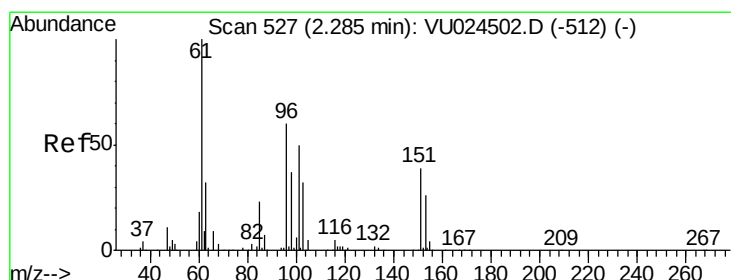
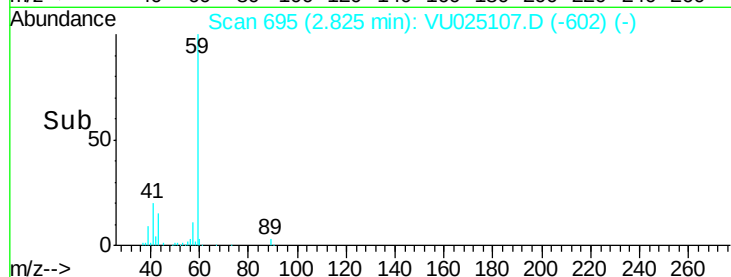
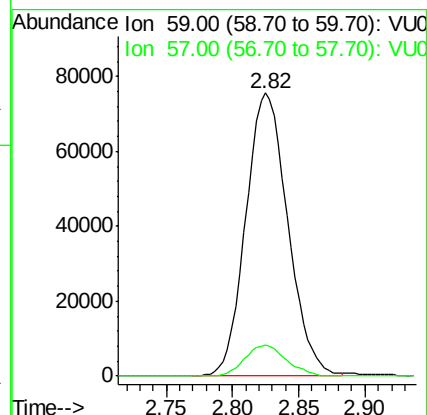
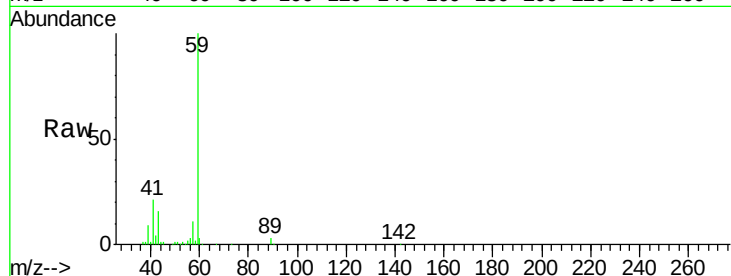


#11

Tert butyl alcohol
 Concen: 248.898 ug/l
 RT: 2.82 min Scan# 695
 Delta R.T. -0.00 min
 Lab File: VU025107.D
 Acq: 30 Jun 2018 22:52

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

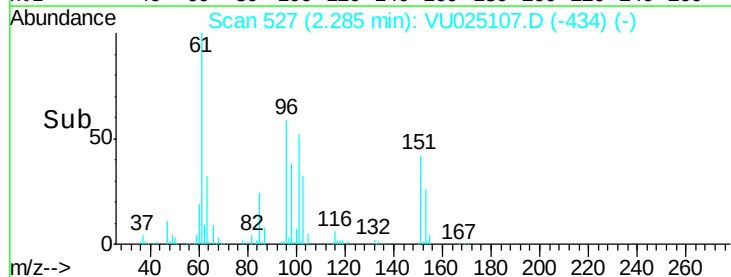
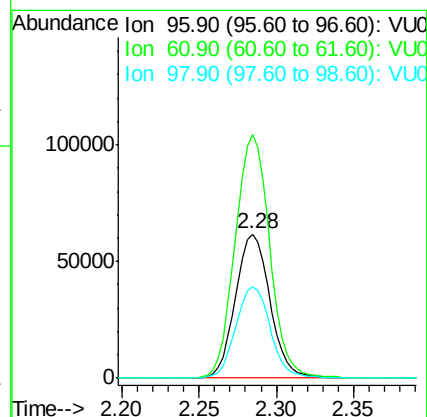
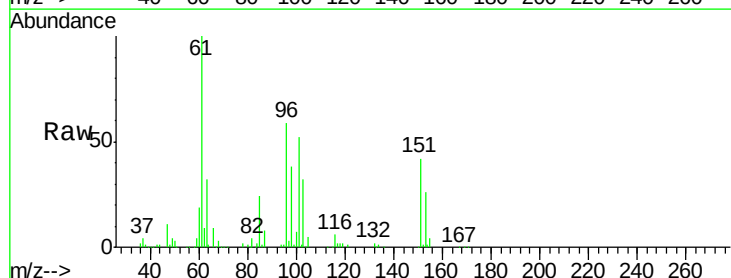
Tgt Ion: 59 Resp: 166567
 Ion Ratio Lower Upper
 59 100
 57 10.9 8.5 12.7

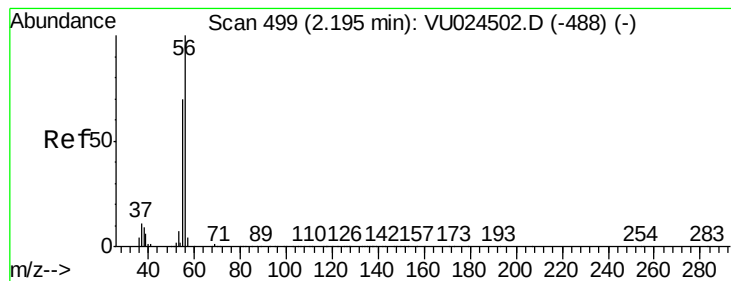


#12

1,1-Dichloroethene
 Concen: 49.895 ug/l
 RT: 2.28 min Scan# 527
 Delta R.T. -0.00 min
 Lab File: VU025107.D
 Acq: 30 Jun 2018 22:52

Tgt Ion: 96 Resp: 95759
 Ion Ratio Lower Upper
 96 100
 61 169.2 141.7 212.5
 98 63.8 51.6 77.4





#13

Acrolein

Concen: 153.328 ug/l

RT: 2.19 min Scan# 499

Delta R.T. -0.00 min

Lab File: VU025107.D

Acq: 30 Jun 2018 22:52

Instrument :

MSVOA_U

ClientSampleId :

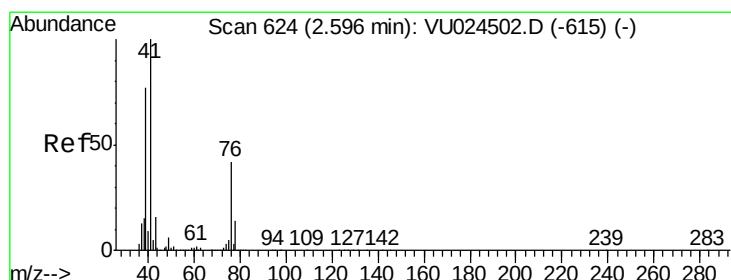
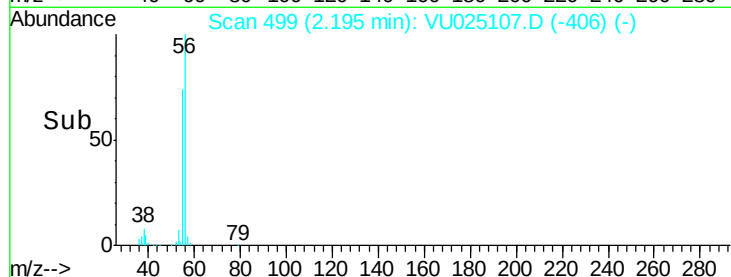
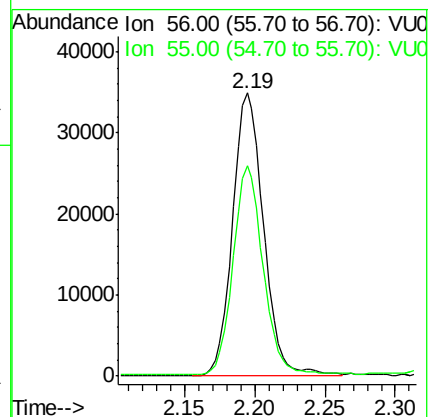
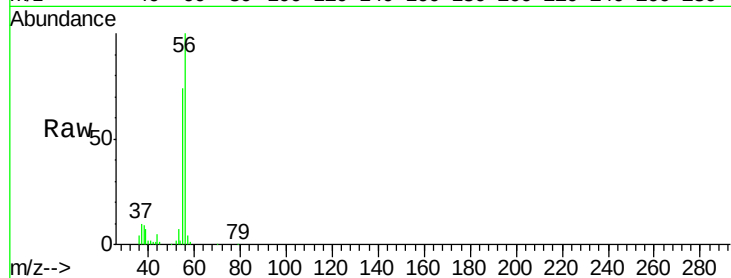
VSTDCCC050EC

Tgt Ion: 56 Resp: 53883

Ion Ratio Lower Upper

56 100

55 71.5 58.4 87.6



#14

Allyl chloride

Concen: 45.704 ug/l

RT: 2.59 min Scan# 623

Delta R.T. -0.00 min

Lab File: VU025107.D

Acq: 30 Jun 2018 22:52

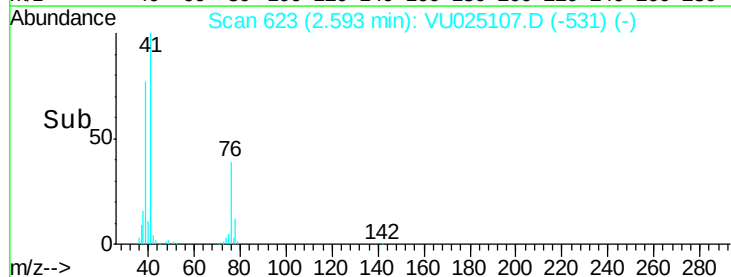
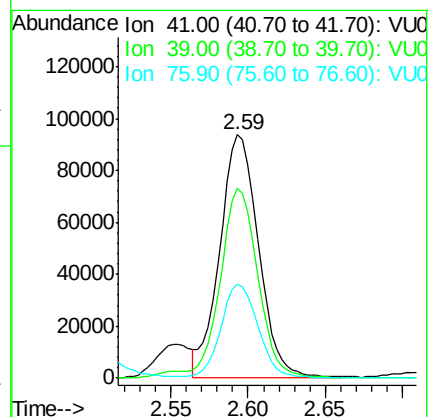
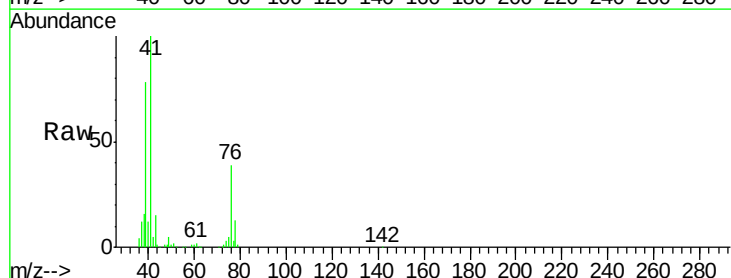
Tgt Ion: 41 Resp: 162863

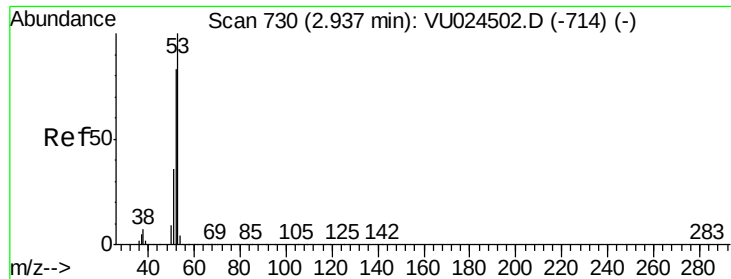
Ion Ratio Lower Upper

41 100

39 75.0 61.6 92.4

76 36.9 29.7 44.5





#15

Acrylonitrile

Concen: 259.663 ug/l

RT: 2.93 min Scan# 729

Delta R.T. -0.00 min

Lab File: VU025107.D

Acq: 30 Jun 2018 22:52

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

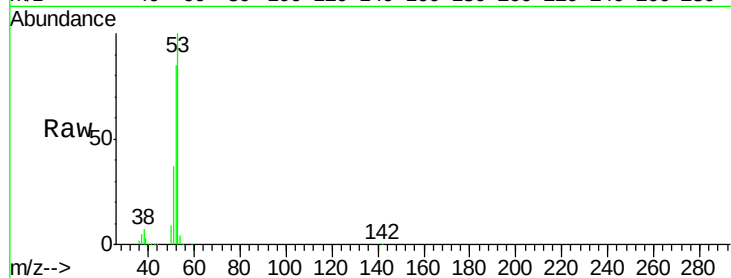
Tgt Ion: 53 Resp: 338091

Ion Ratio Lower Upper

53 100

52 83.5 67.1 100.7

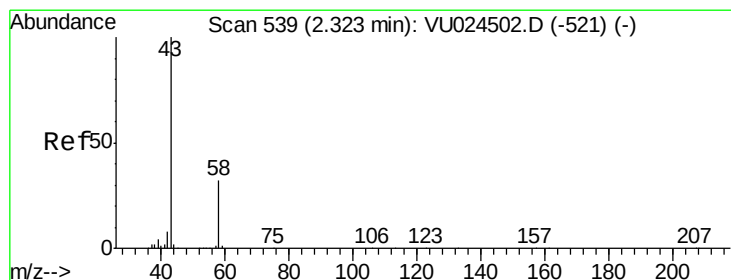
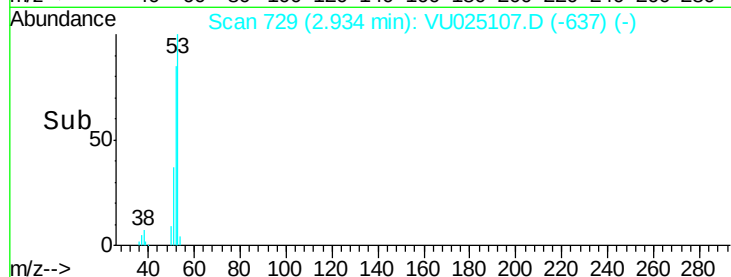
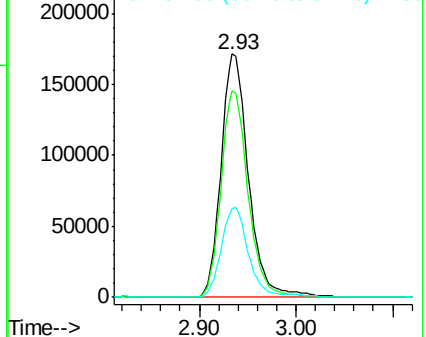
51 37.3 28.4 42.6



Abundance Ion 53.00 (52.70 to 53.70): VU0

Ion 52.00 (51.70 to 52.70): VU0

Ion 51.00 (50.70 to 51.70): VU0



#16

Acetone

Concen: 216.667 ug/l

RT: 2.32 min Scan# 538

Delta R.T. -0.00 min

Lab File: VU025107.D

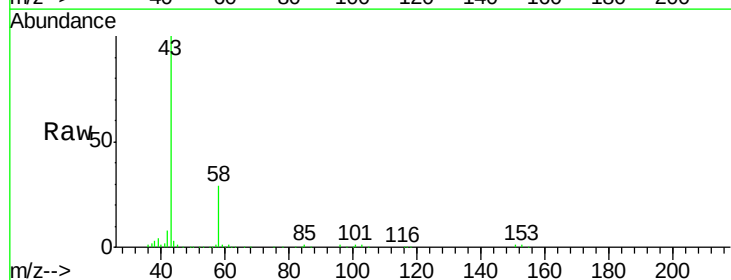
Acq: 30 Jun 2018 22:52

Tgt Ion: 43 Resp: 320329

Ion Ratio Lower Upper

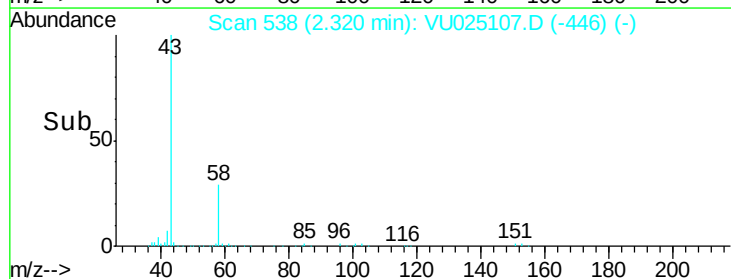
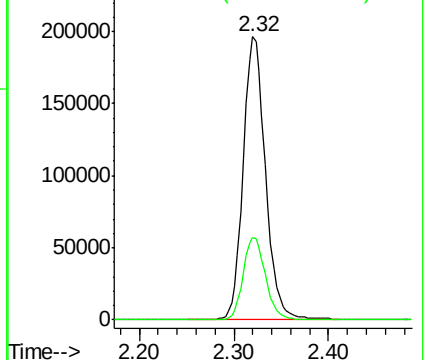
43 100

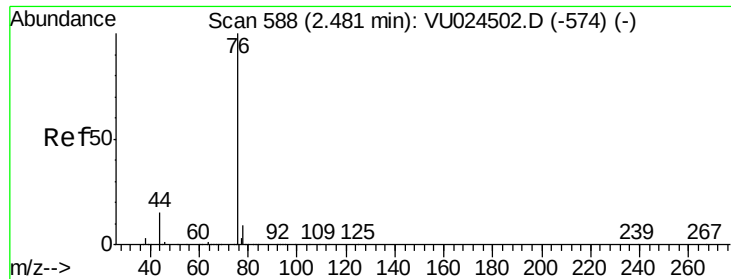
58 29.2 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#17

Carbon Disulfide

Concen: 43.044 ug/l

RT: 2.48 min Scan# 587

Delta R.T. -0.00 min

Lab File: VU025107.D

Acq: 30 Jun 2018 22:52

Instrument :

MSVOA_U

ClientSampleId :

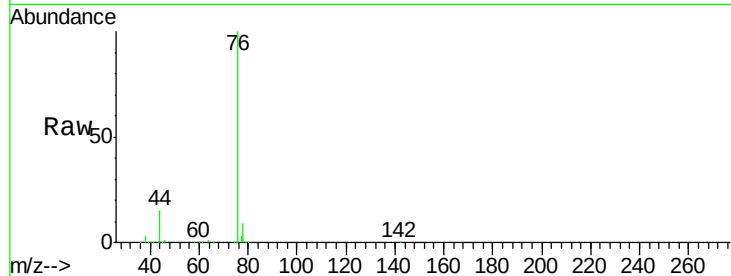
VSTDCCC050EC

Tgt Ion: 76 Resp: 264518

Ion Ratio Lower Upper

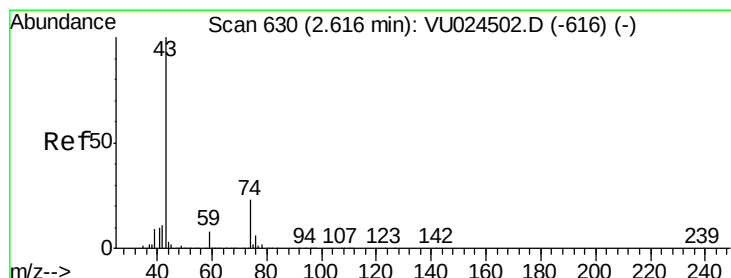
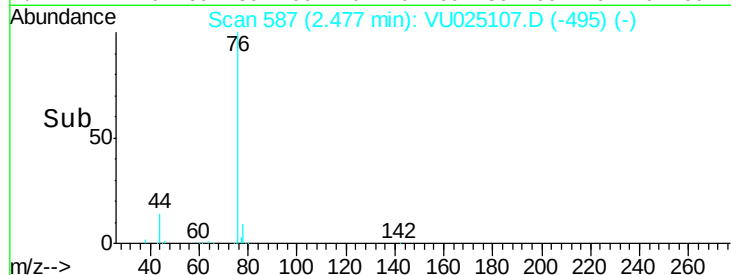
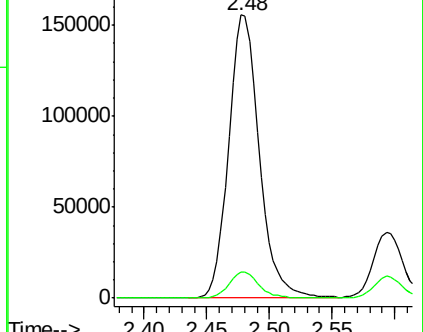
76 100

78 9.2 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0



#18

Methyl Acetate

Concen: 64.844 ug/l

RT: 2.62 min Scan# 630

Delta R.T. -0.00 min

Lab File: VU025107.D

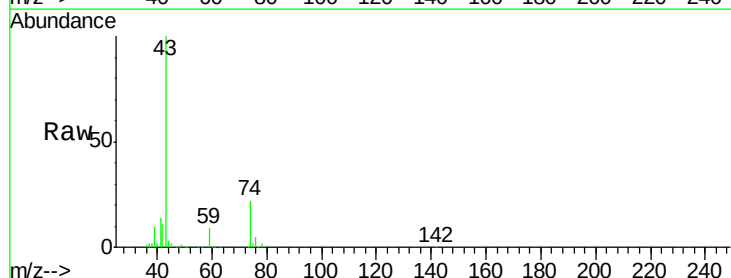
Acq: 30 Jun 2018 22:52

Tgt Ion: 43 Resp: 205520

Ion Ratio Lower Upper

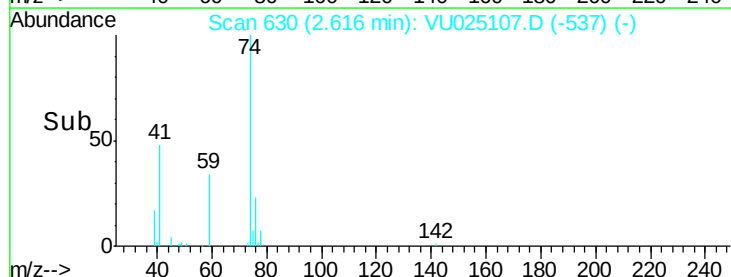
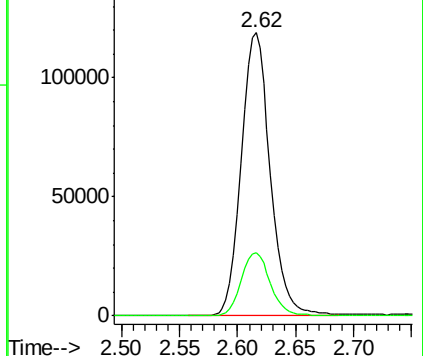
43 100

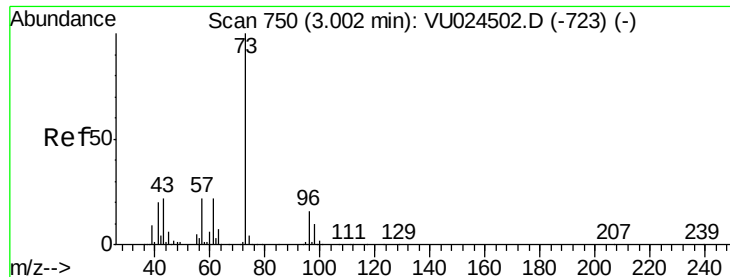
74 22.7 18.0 27.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0





#19

Methyl tert-butyl Ether

Concen: 53.813 ug/l

RT: 3.00 min Scan# 749

Delta R.T. -0.00 min

Lab File: VU025107.D

Acq: 30 Jun 2018 22:52

Instrument :

MSVOA_U

ClientSampleId :

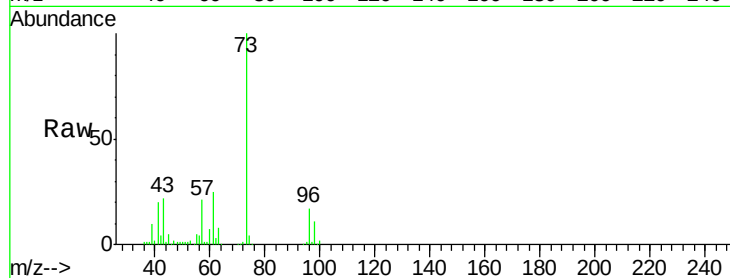
VSTDCCC050EC

Tgt Ion: 73 Resp: 388218

Ion Ratio Lower Upper

73 100

57 21.3 18.8 28.2



Abundance Ion 73.00 (72.70 to 73.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

3.00

200000

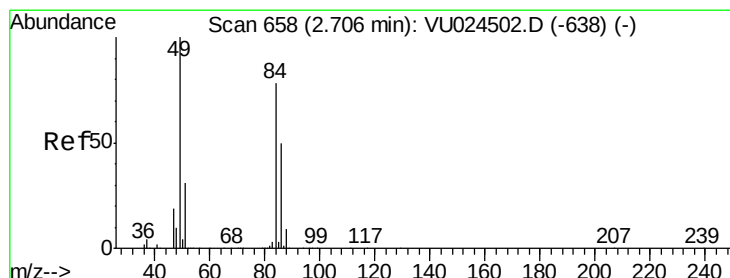
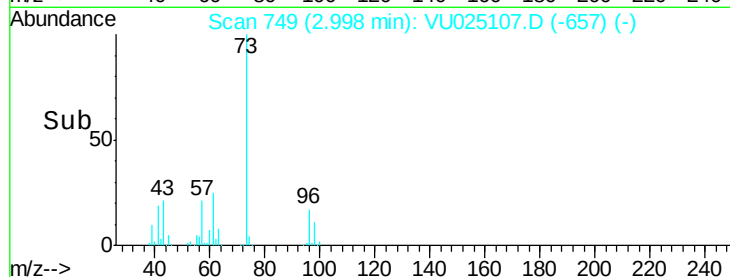
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 50.461 ug/l

RT: 2.70 min Scan# 657

Delta R.T. -0.00 min

Lab File: VU025107.D

Acq: 30 Jun 2018 22:52

Tgt Ion: 84 Resp: 117059

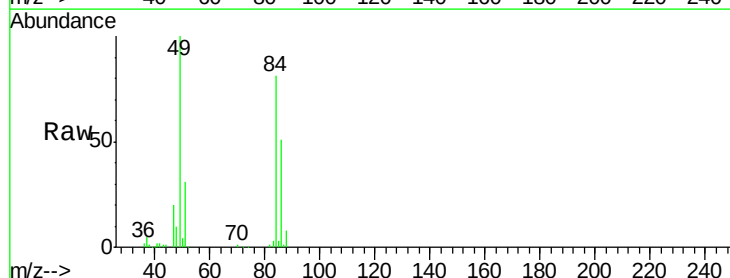
Ion Ratio Lower Upper

84 100

49 123.7 103.8 155.8

51 37.9 32.0 48.0

86 63.7 51.6 77.4



Abundance Ion 83.90 (83.60 to 84.60): VU0

Ion 48.90 (48.60 to 49.60): VU0

Ion 50.90 (50.60 to 51.60): VU0

Ion 85.90 (85.60 to 86.60): VU0

120000

100000

80000

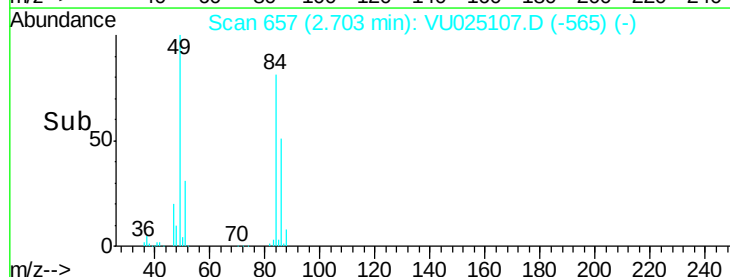
60000

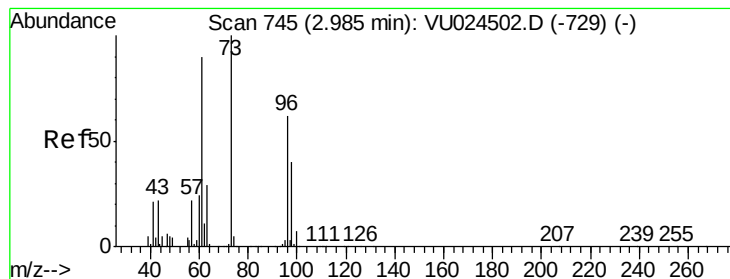
40000

20000

0

Time-->





#21

trans-1,2-Dichloroethene

Concen: 49.848 ug/l

RT: 2.99 min Scan# 745

Delta R.T. 0.00 min

Lab File: VU025107.D

Acq: 30 Jun 2018 22:52

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

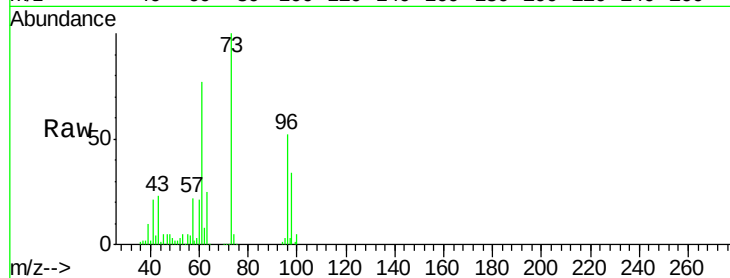
Tgt Ion: 96 Resp: 105368

Ion Ratio Lower Upper

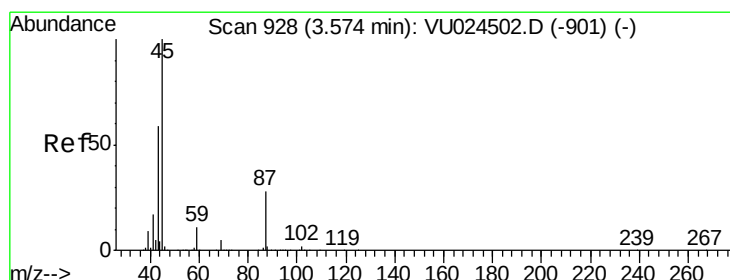
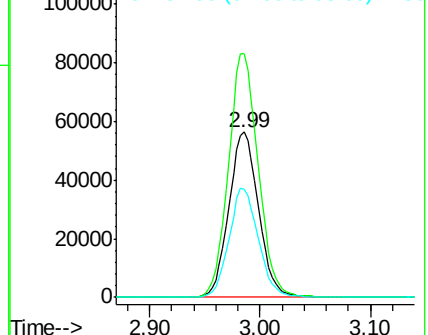
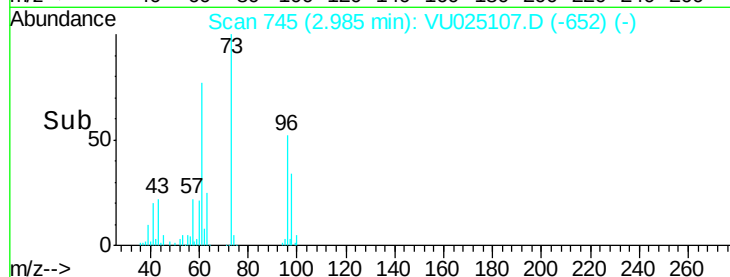
96 100

61 147.6 119.4 179.0

98 65.8 51.1 76.7



Abundance Ion 95.90 (95.60 to 96.60): VU025107.D (-652) (-)



#22

Diisopropyl ether

Concen: 52.291 ug/l

RT: 3.57 min Scan# 928

Delta R.T. -0.00 min

Lab File: VU025107.D

Acq: 30 Jun 2018 22:52

Tgt Ion: 45 Resp: 369381

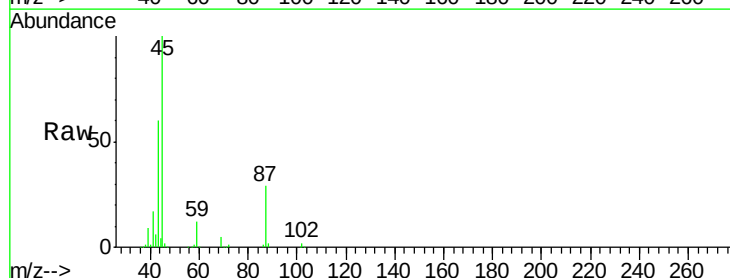
Ion Ratio Lower Upper

45 100

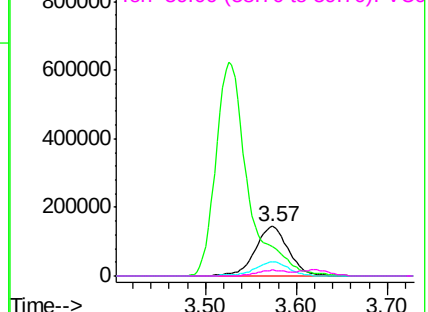
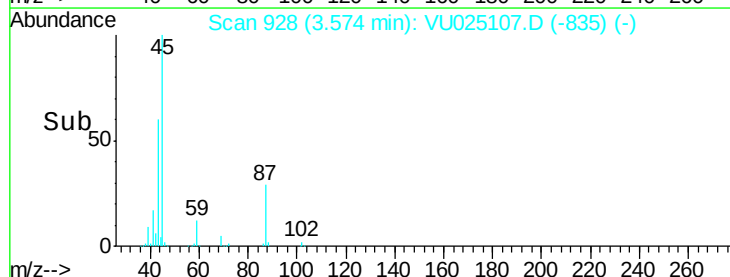
43 58.2 45.8 68.6

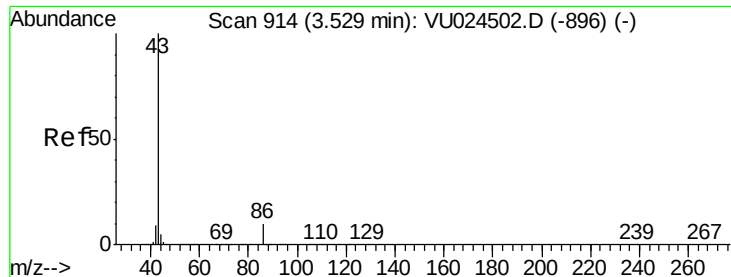
87 29.2 20.6 31.0

59 11.9 9.4 14.0



Abundance Ion 45.00 (44.70 to 45.70): VU025107.D (-835) (-)





#23

Vinyl Acetate

Concen: 242.771 ug/l

RT: 3.53 min Scan# 913

Delta R.T. -0.00 min

Lab File: VU025107.D

Acq: 30 Jun 2018 22:52

Instrument :

MSVOA_U

ClientSampleId :

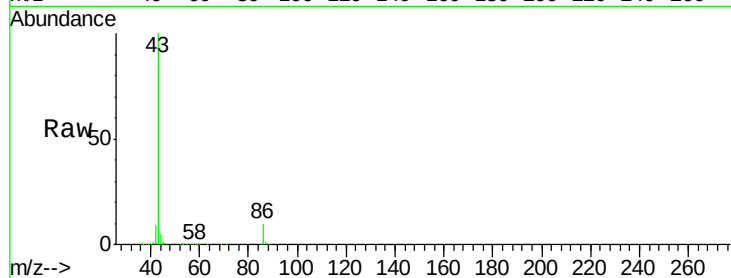
VSTDCCC050EC

Tgt Ion: 43 Resp: 1536212

Ion Ratio Lower Upper

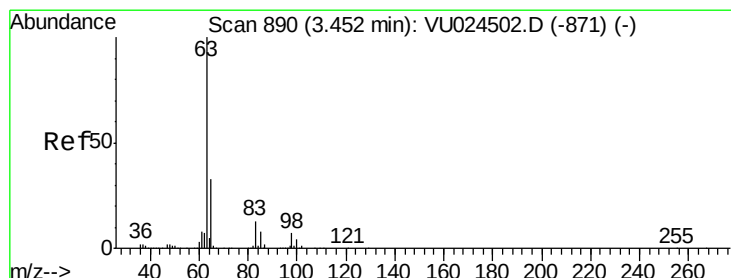
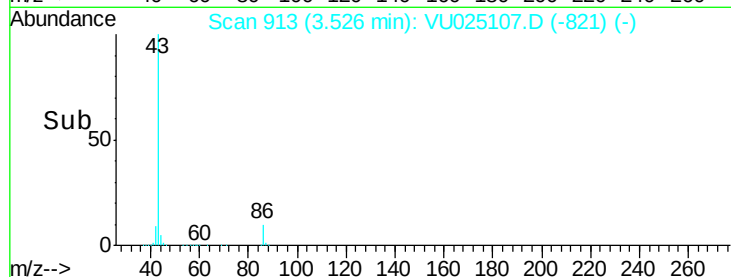
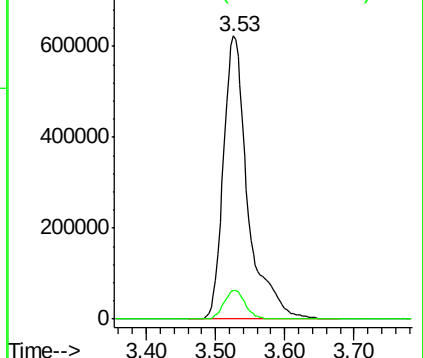
43 100

86 10.2 7.8 11.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 86.00 (85.70 to 86.70): VU0



#24

1,1-Dichloroethane

Concen: 52.048 ug/l

RT: 3.45 min Scan# 889

Delta R.T. -0.00 min

Lab File: VU025107.D

Acq: 30 Jun 2018 22:52

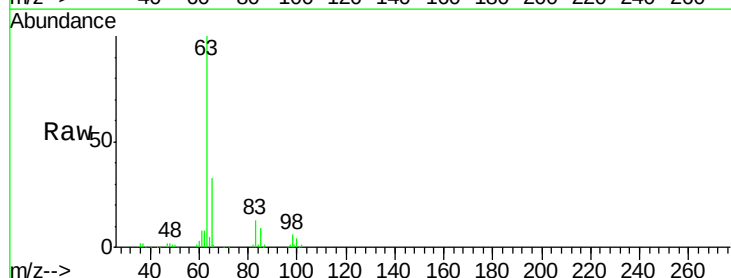
Tgt Ion: 63 Resp: 211508

Ion Ratio Lower Upper

63 100

98 6.2 3.5 10.4

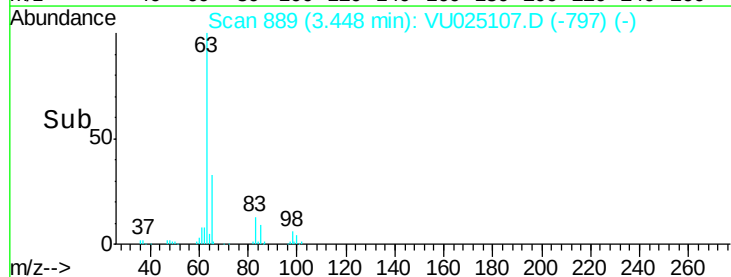
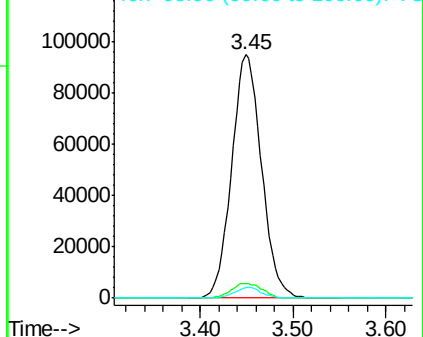
100 4.3 1.8 5.5

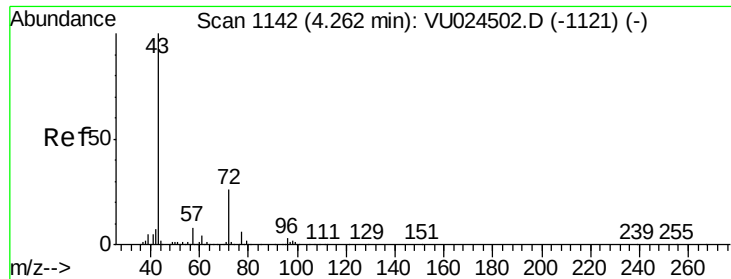


Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 97.90 (97.60 to 98.60): VU0

Ion 99.90 (99.60 to 100.60): VU0

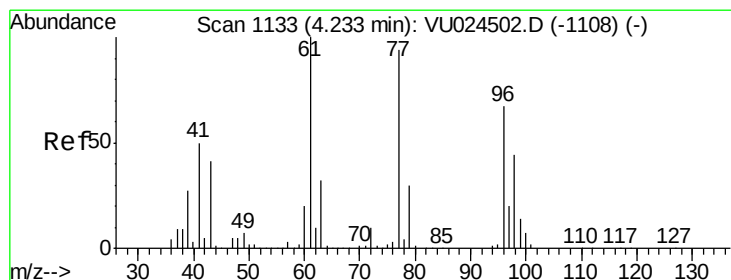
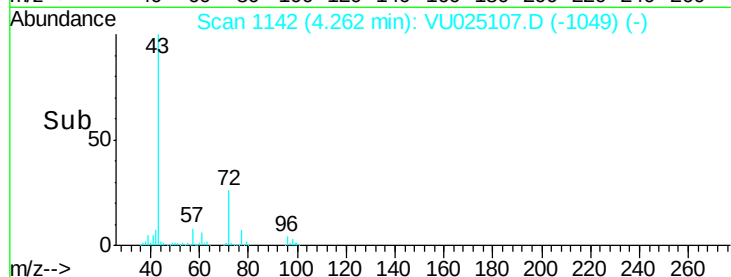
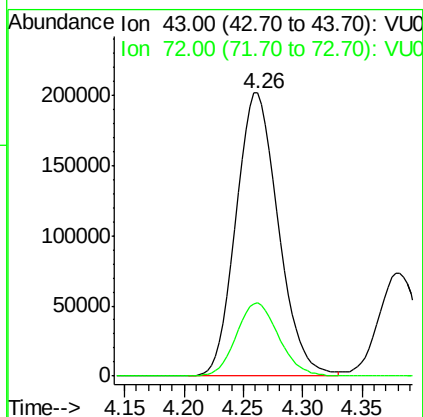
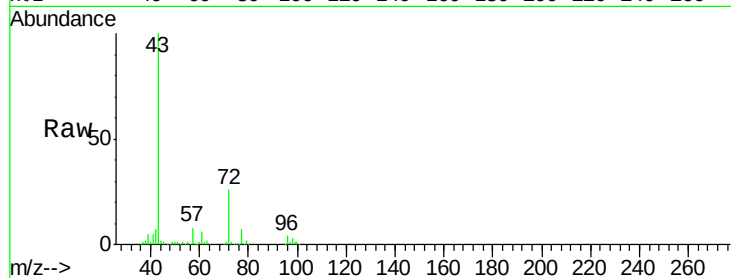




#25
2-Butanone
Concen: 249.257 ug/l
RT: 4.26 min Scan# 1142
Delta R.T. -0.00 min
Lab File: VU025107.D
Acq: 30 Jun 2018 22:52

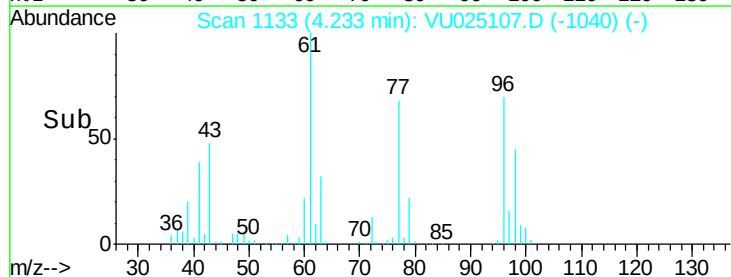
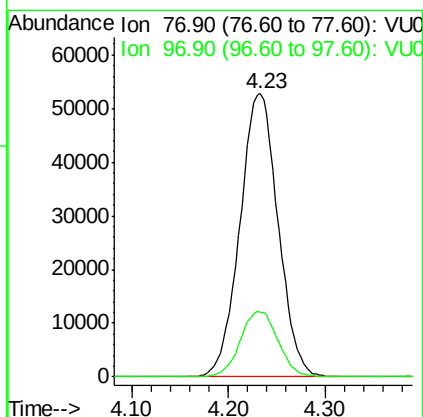
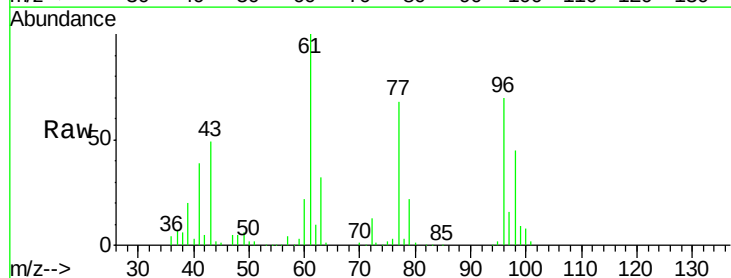
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

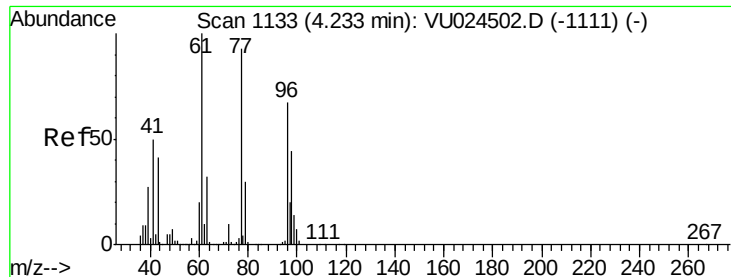
Tgt Ion: 43 Resp: 494994
Ion Ratio Lower Upper
43 100
72 25.8 19.6 29.4



#26
2,2-Dichloropropane
Concen: 37.414 ug/l
RT: 4.23 min Scan# 1133
Delta R.T. -0.00 min
Lab File: VU025107.D
Acq: 30 Jun 2018 22:52

Tgt Ion: 77 Resp: 144368
Ion Ratio Lower Upper
77 100
97 22.8 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 55.598 ug/l

RT: 4.23 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VU025107.D

Acq: 30 Jun 2018 22:52

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

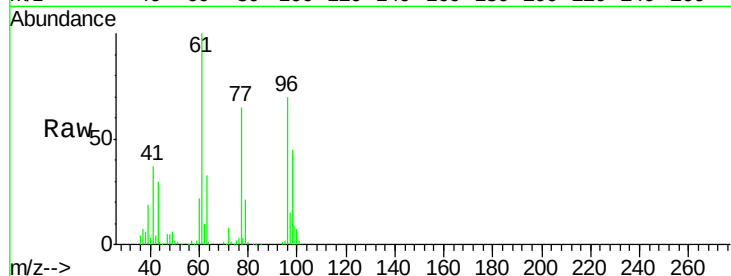
Tgt Ion: 96 Resp: 135111

Ion Ratio Lower Upper

96 100

61 146.7 0.0 306.6

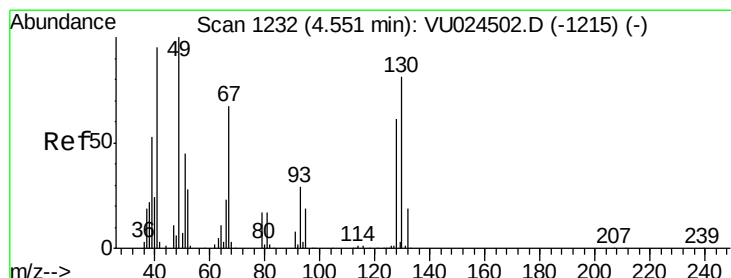
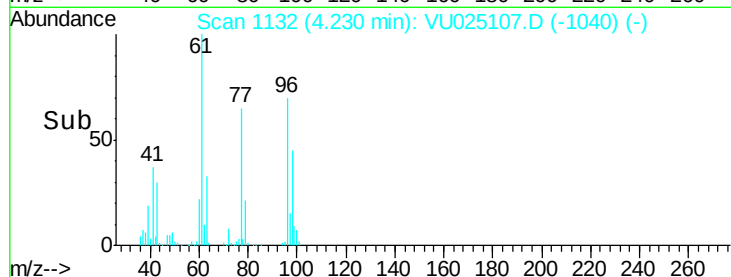
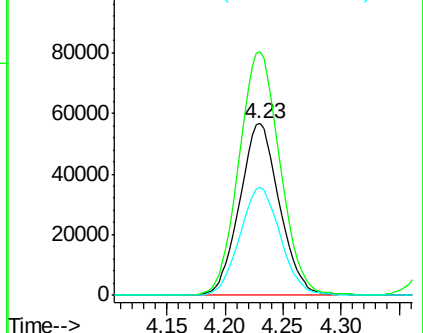
98 64.1 0.0 128.8



Abundance Ion 95.90 (95.60 to 96.60): VU025107.D (-1040) (-)

Ion 60.90 (60.60 to 61.60): VU025107.D (-1040) (-)

Ion 97.90 (97.60 to 98.60): VU025107.D (-1040) (-)



#28

Bromochloromethane

Concen: 46.356 ug/l

RT: 4.55 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VU025107.D

Acq: 30 Jun 2018 22:52

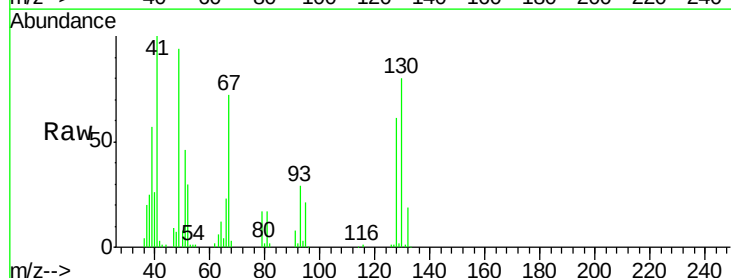
Tgt Ion: 49 Resp: 82973

Ion Ratio Lower Upper

49 100

129 2.3 0.0 3.8

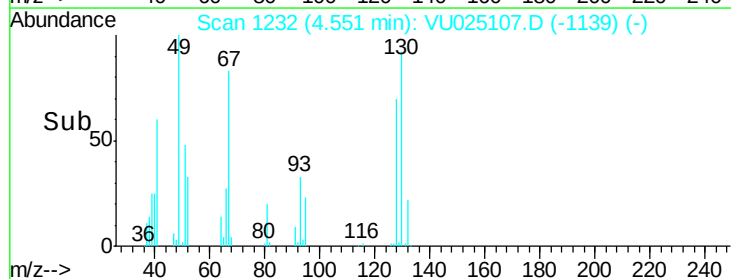
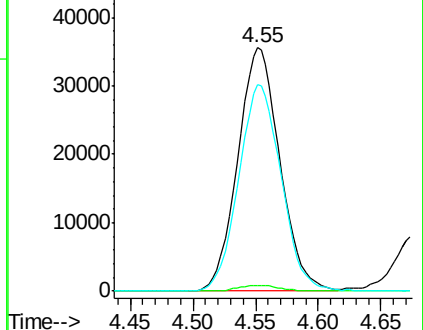
130 85.4 57.8 86.6

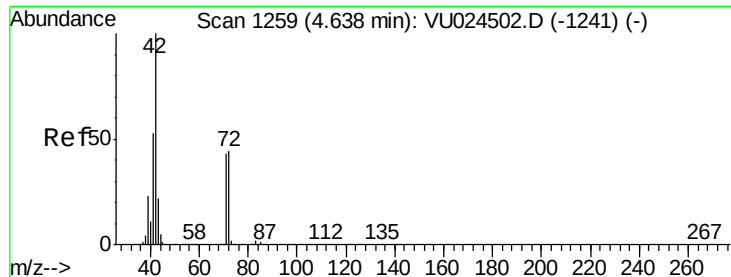


Abundance Ion 48.90 (48.60 to 49.60): VU025107.D (-1139) (-)

Ion 128.80 (128.50 to 129.50): VU025107.D (-1139) (-)

Ion 129.80 (129.50 to 130.50): VU025107.D (-1139) (-)





#29

Tetrahydrofuran

Concen: 255.727 ug/l

RT: 4.63 min Scan# 1258

Delta R.T. -0.00 min

Lab File: VU025107.D

Acq: 30 Jun 2018 22:52

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

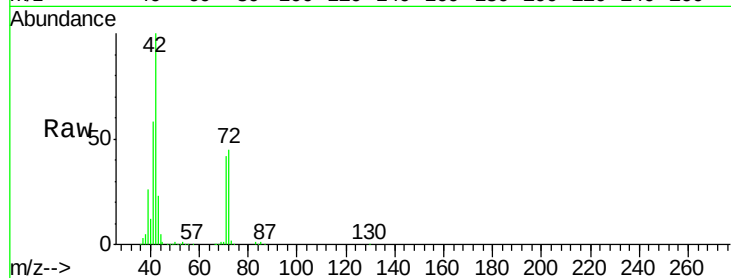
Tgt Ion: 42 Resp: 314490

Ion Ratio Lower Upper

42 100

72 45.6 34.5 51.7

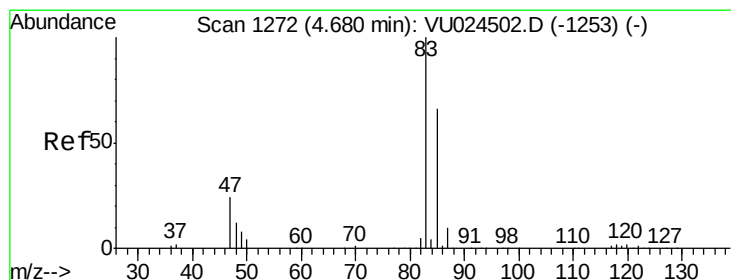
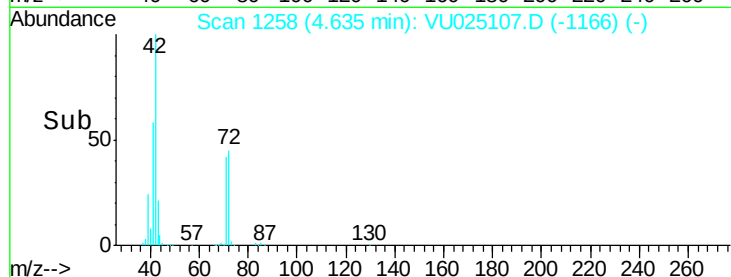
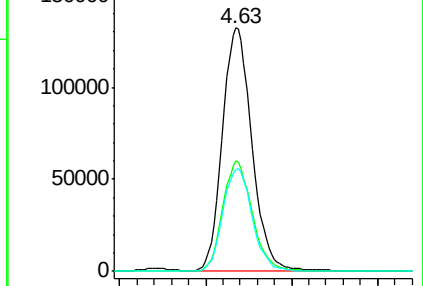
71 42.4 32.2 48.4



Abundance Ion 42.00 (41.70 to 42.70): VU024502.D (-1241) (-)

Ion 72.00 (71.70 to 72.70): VU024502.D (-1241) (-)

Ion 71.00 (70.70 to 71.70): VU024502.D (-1241) (-)



#30

Chloroform

Concen: 54.828 ug/l

RT: 4.68 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VU025107.D

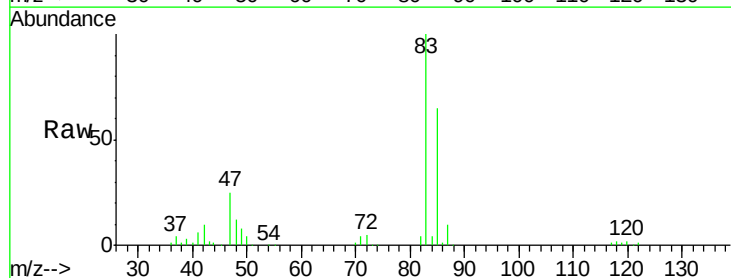
Acq: 30 Jun 2018 22:52

Tgt Ion: 83 Resp: 225513

Ion Ratio Lower Upper

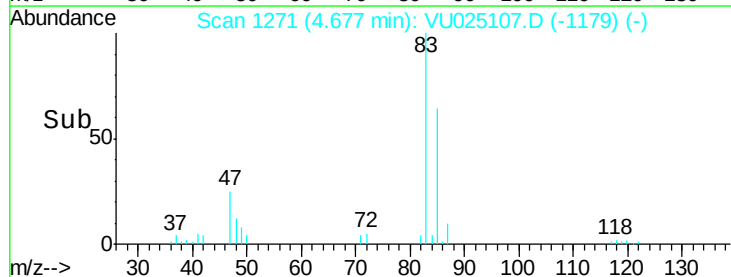
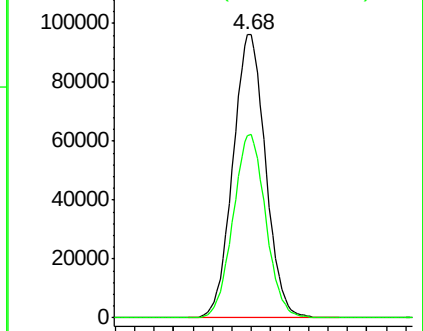
83 100

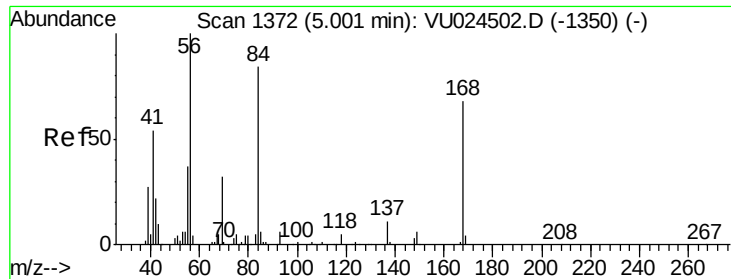
85 64.5 52.4 78.6



Abundance Ion 82.90 (82.60 to 83.60): VU024502.D (-1253) (-)

Ion 84.90 (84.60 to 85.60): VU024502.D (-1253) (-)

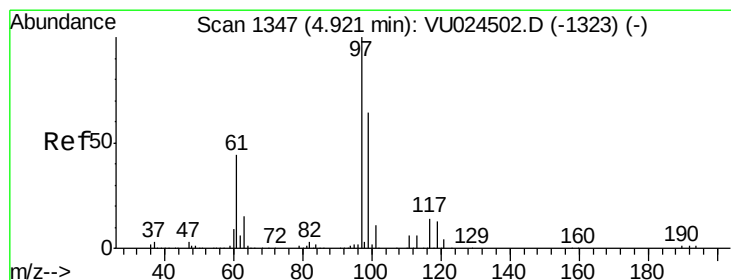
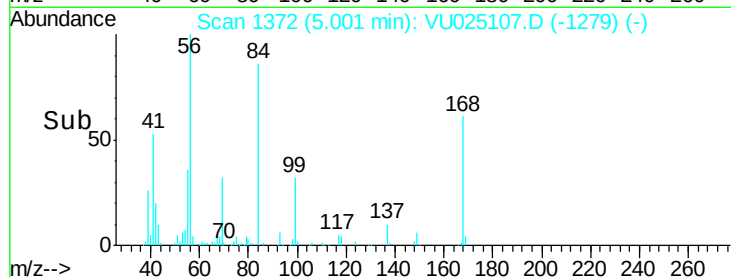
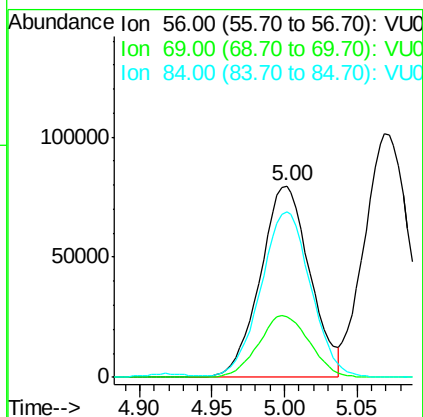
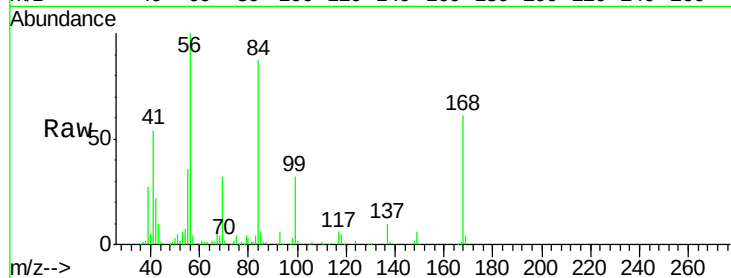




#31
Cyclohexane
Concen: 52.563 ug/l
RT: 5.00 min Scan# 1372
Delta R.T. 0.00 min
Lab File: VU025107.D
Acq: 30 Jun 2018 22:52

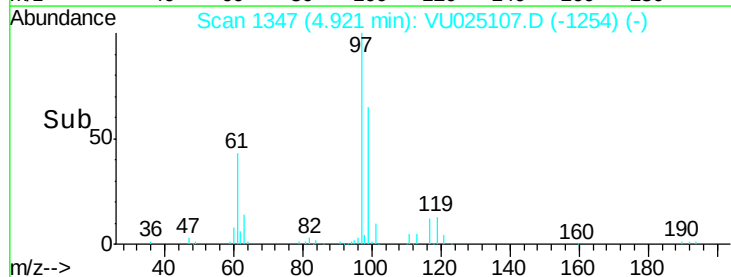
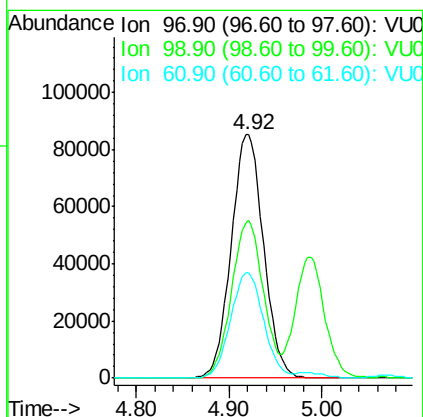
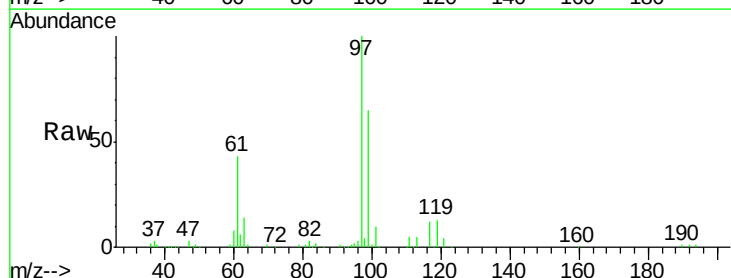
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

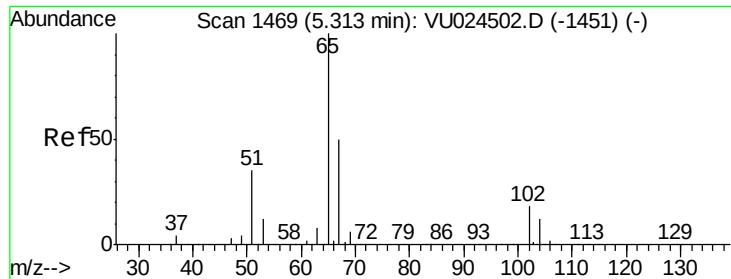
Tgt Ion: 56 Resp: 189320
Ion Ratio Lower Upper
56 100
69 31.7 24.8 37.2
84 85.7 65.2 97.8



#32
1,1,1-Trichloroethane
Concen: 54.169 ug/l
RT: 4.92 min Scan# 1347
Delta R.T. -0.00 min
Lab File: VU025107.D
Acq: 30 Jun 2018 22:52

Tgt Ion: 97 Resp: 206033
Ion Ratio Lower Upper
97 100
99 64.1 51.0 76.6
61 44.3 39.4 59.0

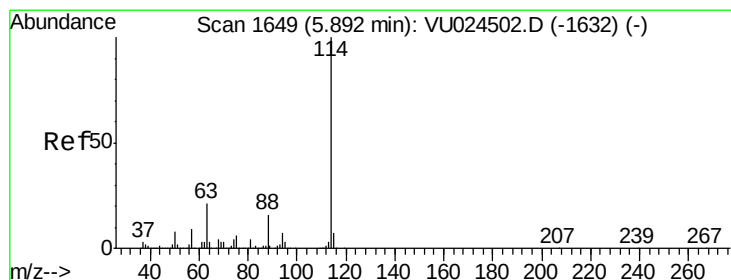
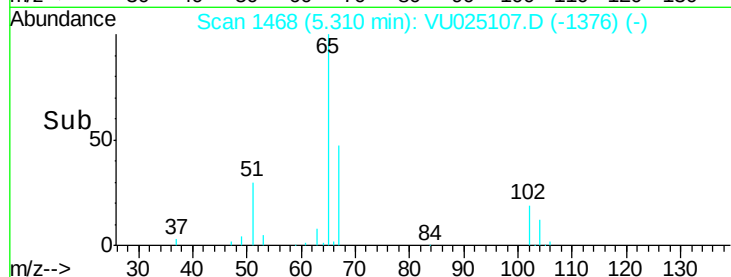
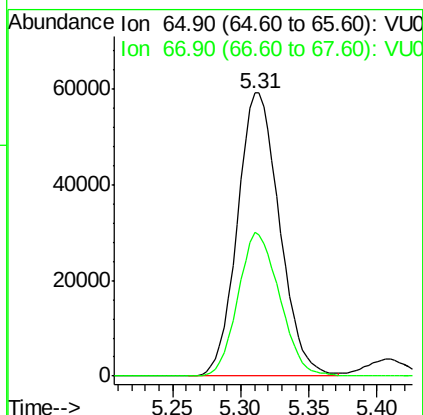
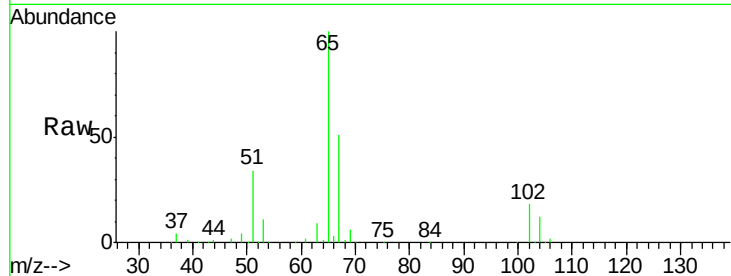




#33
 1,2-Dichloroethane-d4
 Concen: 46.112 ug/l
 RT: 5.31 min Scan# 1468
 Delta R.T. -0.00 min
 Lab File: VU025107.D
 Acq: 30 Jun 2018 22:52

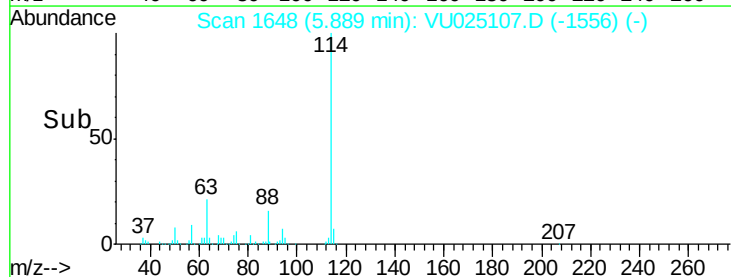
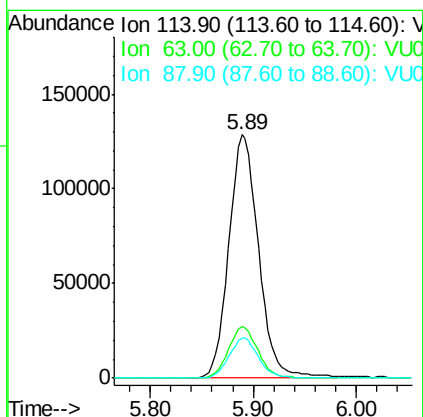
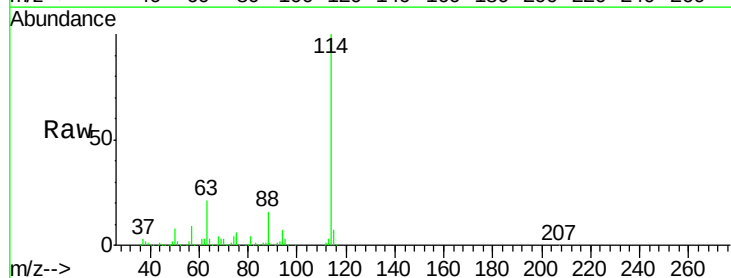
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

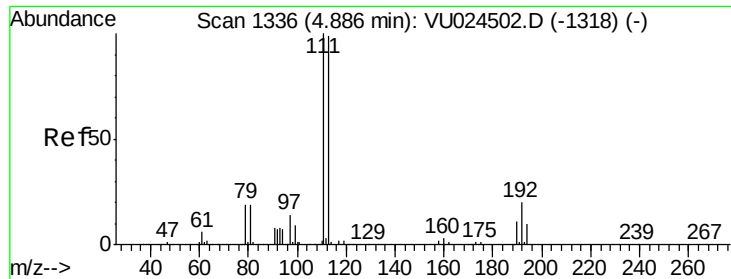
Tgt Ion: 65 Resp: 126883
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: VU025107.D
 Acq: 30 Jun 2018 22:52

Tgt Ion: 114 Resp: 258785
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 45.4
 88 16.4 0.0 31.0

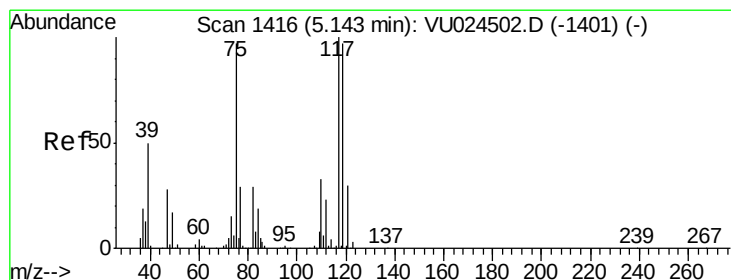
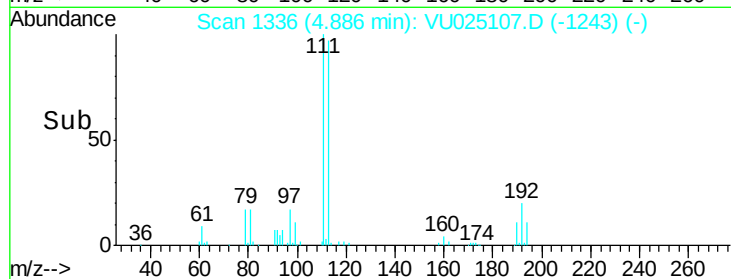
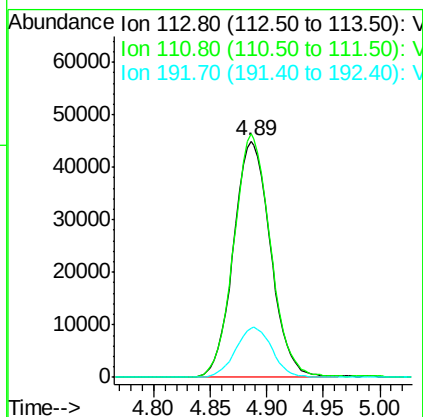
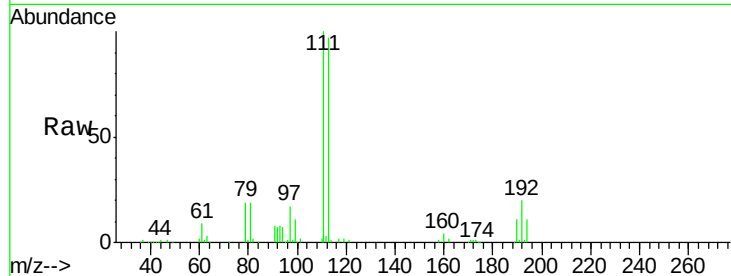




#35
 Dibromofluoromethane
 Concen: 47.831 ug/l
 RT: 4.89 min Scan# 1336
 Delta R.T. -0.00 min
 Lab File: VU025107.D
 Acq: 30 Jun 2018 22:52

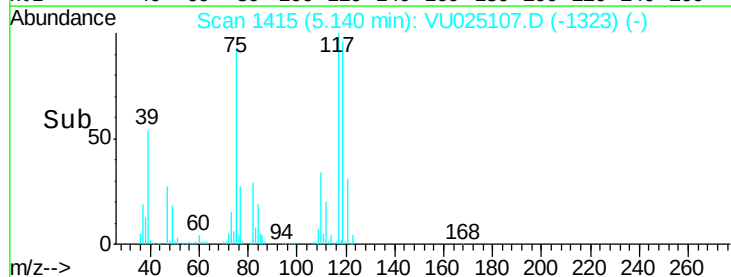
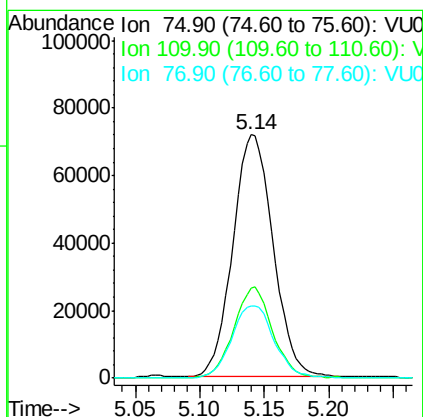
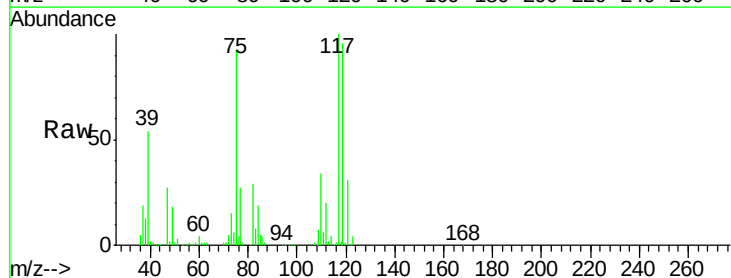
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

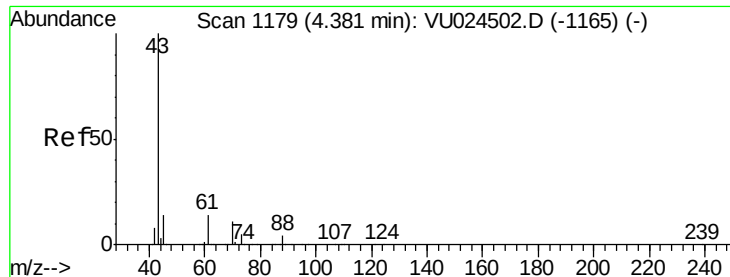
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.7	82.2	123.4
192	20.8	16.2	24.4



#36
 1,1-Dichloropropene
 Concen: 51.368 ug/l
 RT: 5.14 min Scan# 1415
 Delta R.T. -0.00 min
 Lab File: VU025107.D
 Acq: 30 Jun 2018 22:52

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.9	17.0	50.9
77	31.6	24.2	36.4

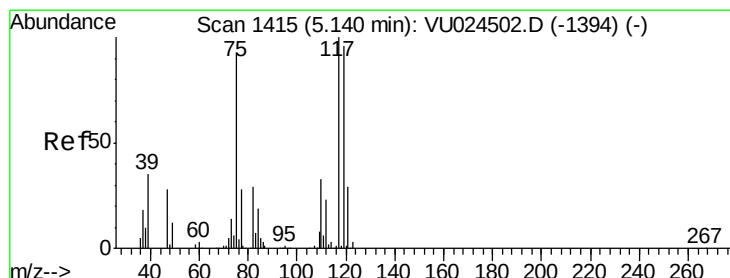
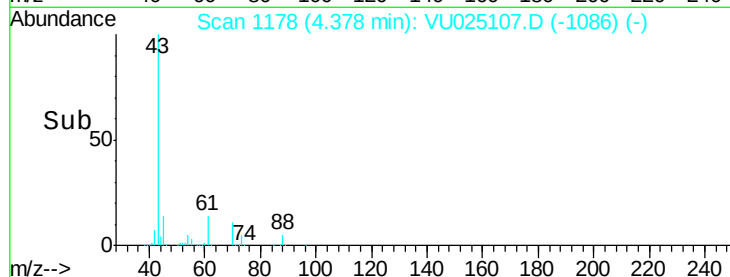
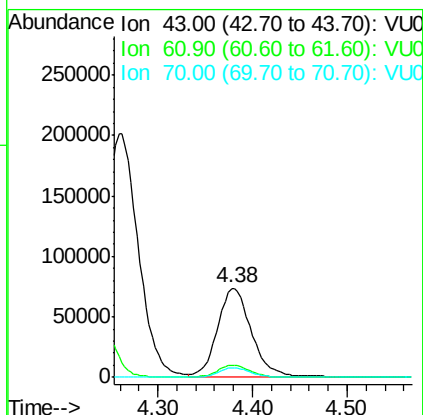
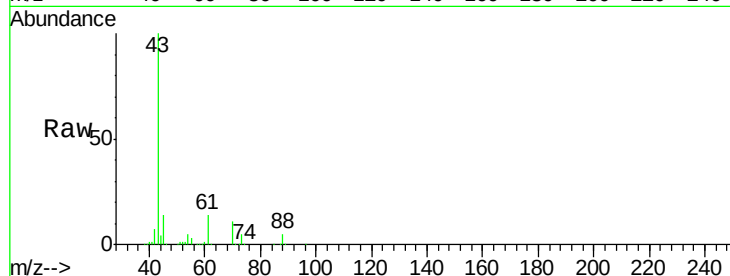




#37
 Ethyl Acetate
 Concen: 54.591 ug/l
 RT: 4.38 min Scan# 1178
 Delta R.T. -0.00 min
 Lab File: VU025107.D
 Acq: 30 Jun 2018 22:52

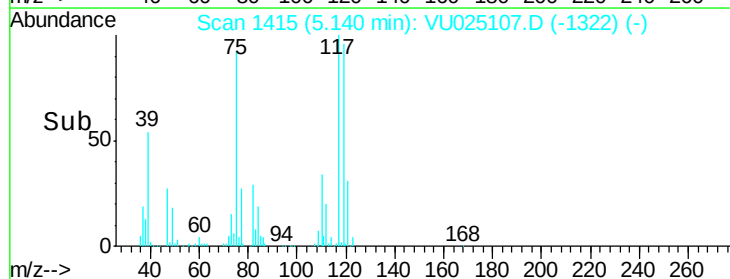
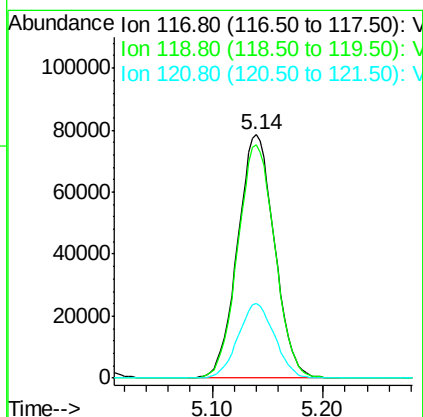
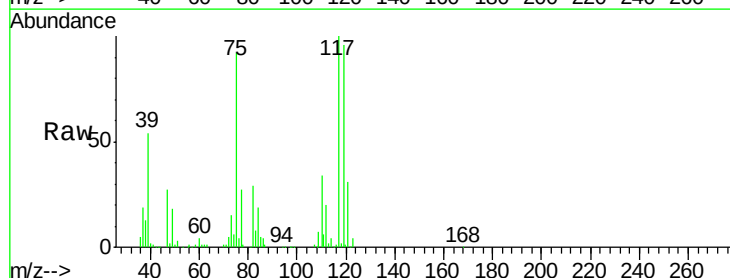
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

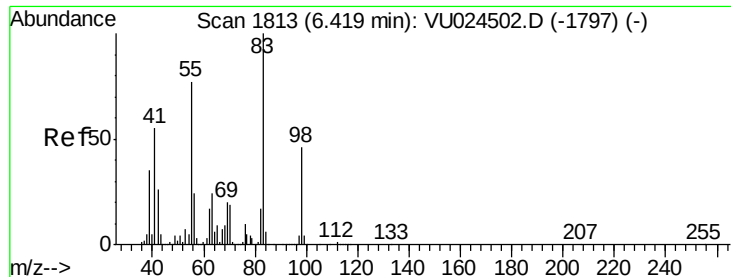
Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.4	10.5	15.7
70	10.6	7.4	11.2



#38
 Carbon Tetrachloride
 Concen: 54.275 ug/l
 RT: 5.14 min Scan# 1415
 Delta R.T. -0.00 min
 Lab File: VU025107.D
 Acq: 30 Jun 2018 22:52

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.7	76.1	114.1
121	30.8	23.7	35.5

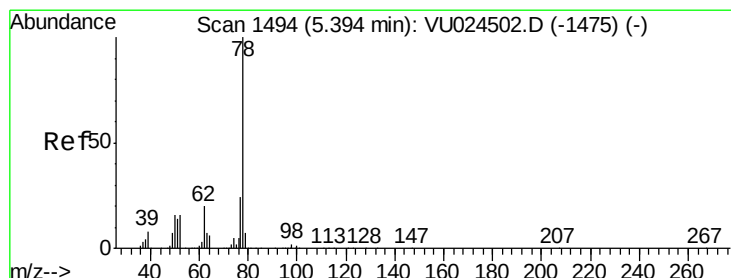
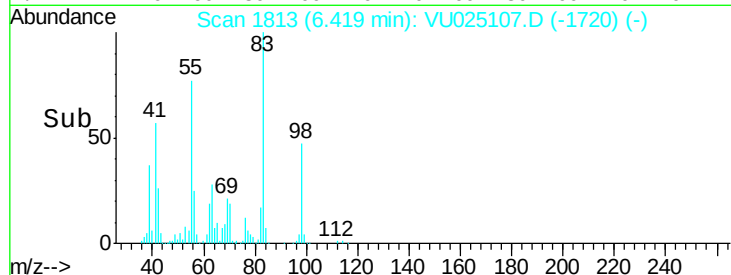
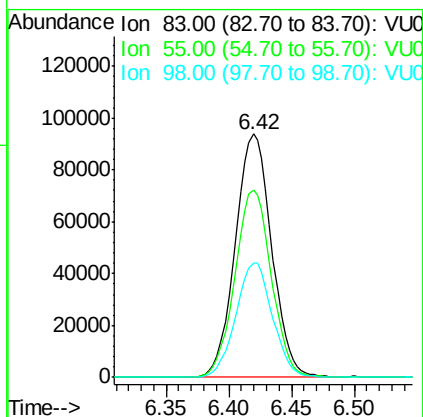
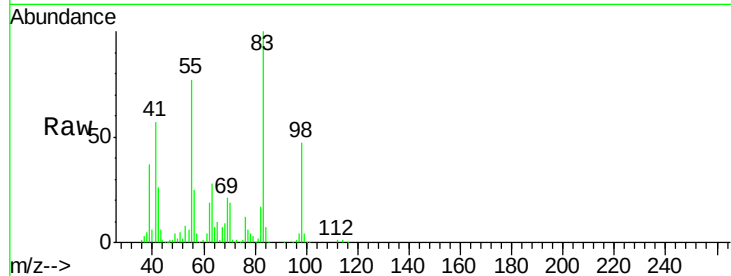




#39
Methylcyclohexane
Concen: 49.977 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. -0.00 min
Lab File: VU025107.D
Acq: 30 Jun 2018 22:52

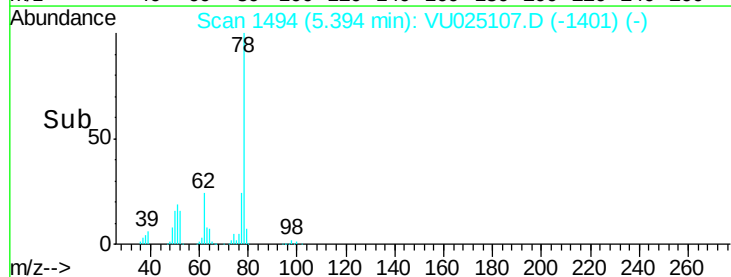
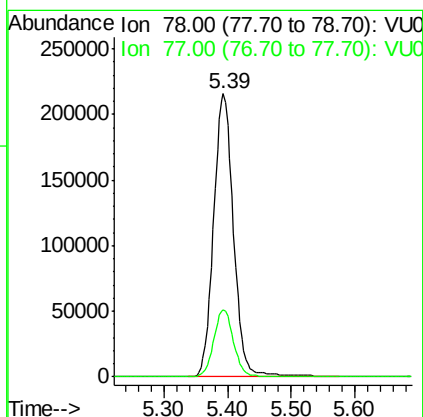
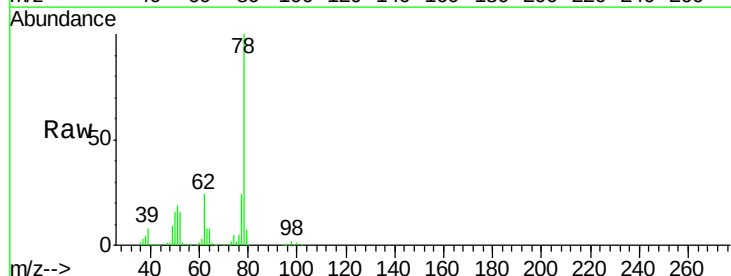
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

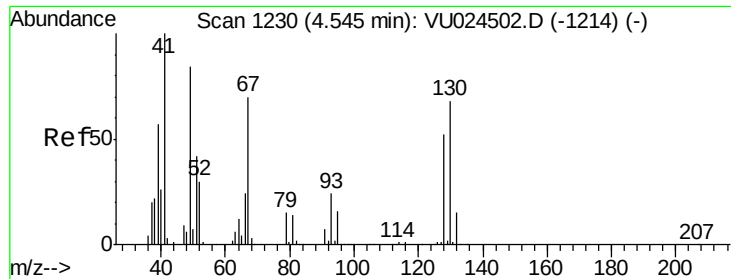
Tgt Ion: 83 Resp: 189656
Ion Ratio Lower Upper
83 100
55 77.1 65.8 98.6
98 47.1 36.7 55.1



#40
Benzene
Concen: 54.145 ug/l
RT: 5.39 min Scan# 1494
Delta R.T. -0.00 min
Lab File: VU025107.D
Acq: 30 Jun 2018 22:52

Tgt Ion: 78 Resp: 469165
Ion Ratio Lower Upper
78 100
77 23.6 19.2 28.8

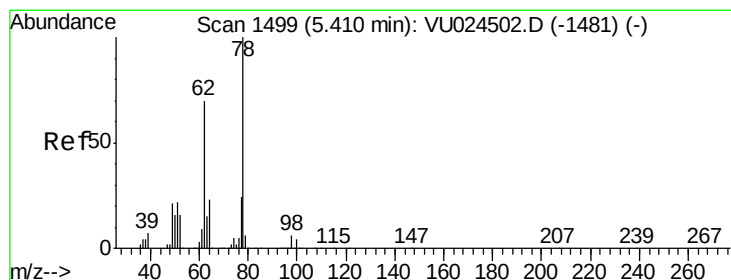
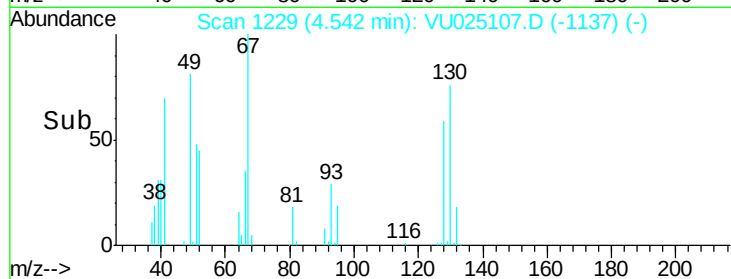
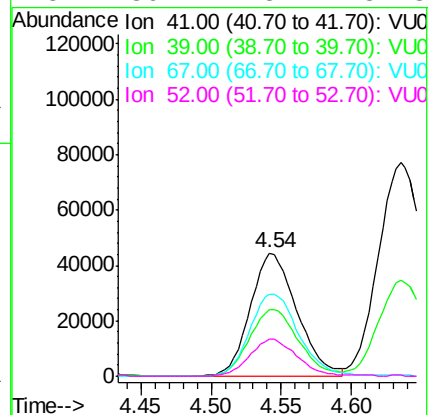
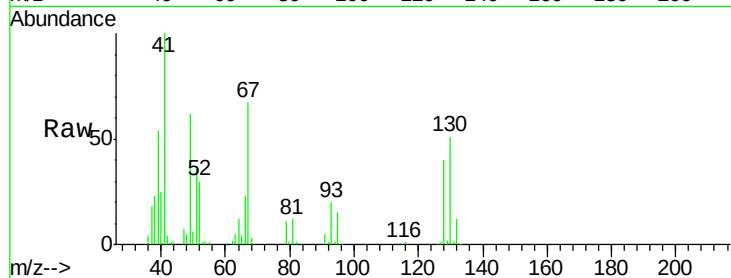




#41
Methacrylonitrile
Concen: 57.570 ug/l
RT: 4.54 min Scan# 1229
Delta R.T. -0.00 min
Lab File: VU025107.D
Acq: 30 Jun 2018 22:52

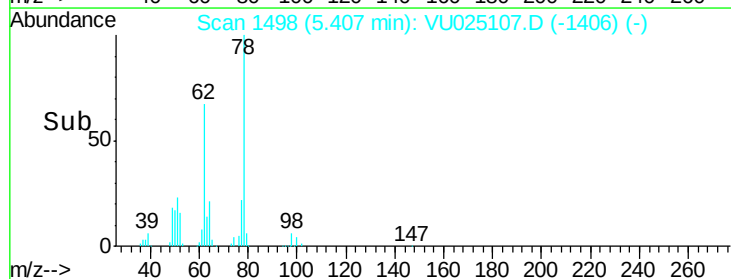
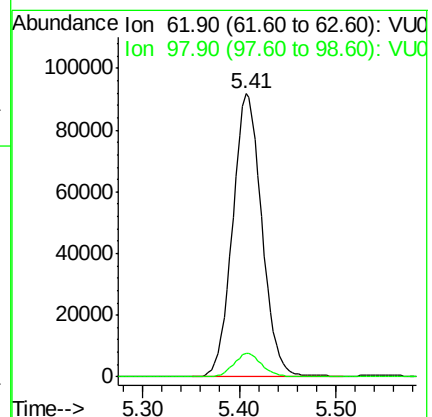
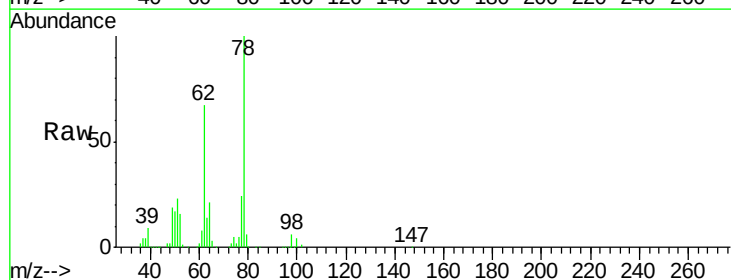
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

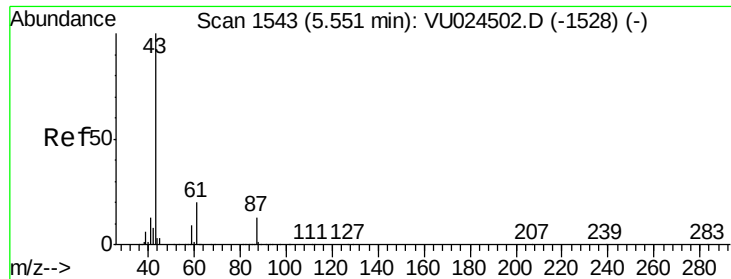
Tgt Ion:	41	Resp:	102877
Ion	Ratio	Lower	Upper
41	100		
39	57.2	43.8	65.6
67	70.0	56.3	84.5
52	30.7	23.2	34.8



#42
1,2-Dichloroethane
Concen: 58.445 ug/l
RT: 5.41 min Scan# 1498
Delta R.T. -0.00 min
Lab File: VU025107.D
Acq: 30 Jun 2018 22:52

Tgt Ion:	62	Resp:	192878
Ion	Ratio	Lower	Upper
62	100		
98	8.0	0.0	16.6

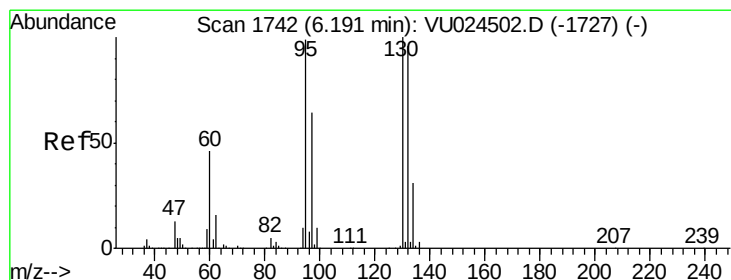
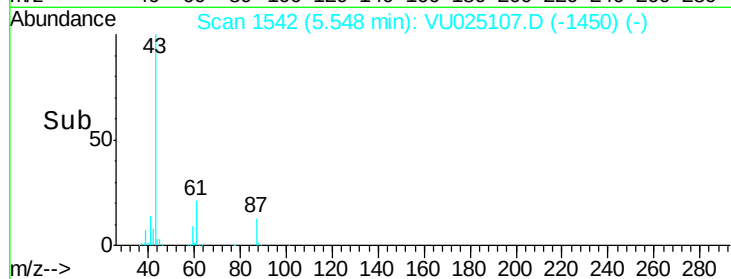
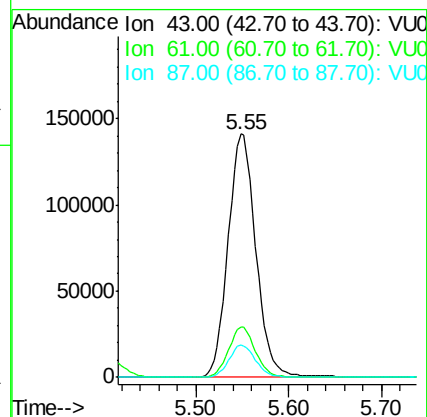
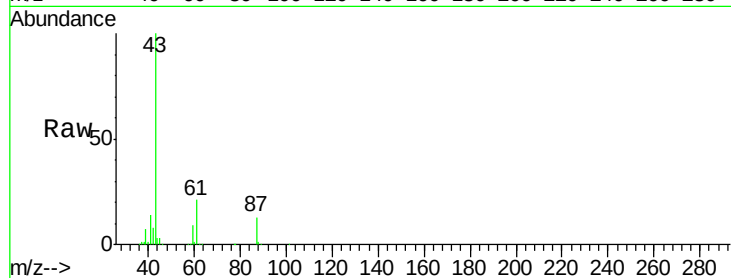




#43
Isopropyl Acetate
Concen: 51.286 ug/l
RT: 5.55 min Scan# 1542
Delta R.T. -0.00 min
Lab File: VU025107.D
Acq: 30 Jun 2018 22:52

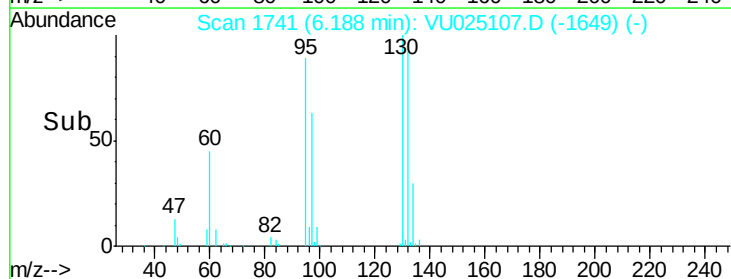
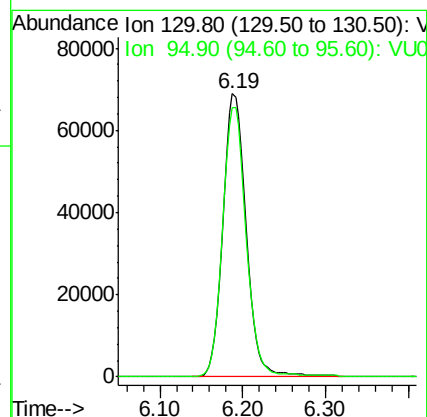
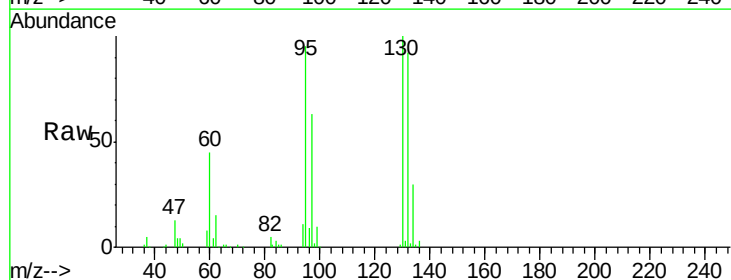
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

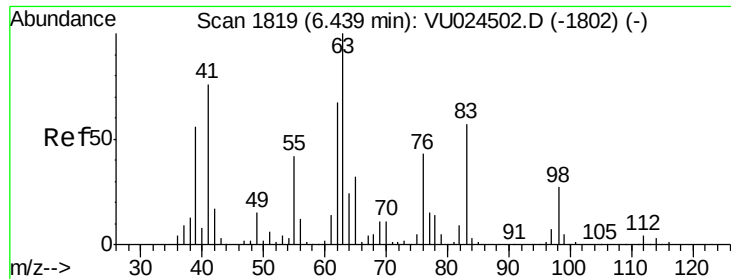
Tgt Ion: 43 Resp: 293822
Ion Ratio Lower Upper
43 100
61 19.8 15.4 23.0
87 12.8 10.0 15.0



#44
Trichloroethene
Concen: 54.299 ug/l
RT: 6.19 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VU025107.D
Acq: 30 Jun 2018 22:52

Tgt Ion: 130 Resp: 133903
Ion Ratio Lower Upper
130 100
95 94.9 0.0 202.4

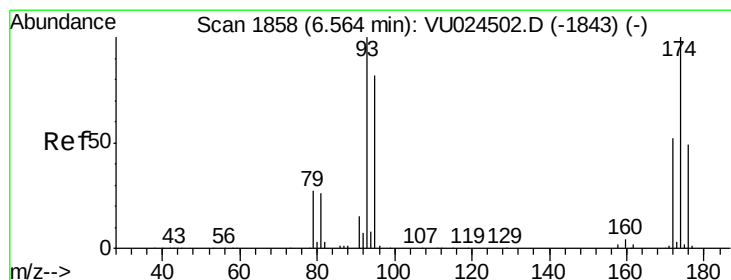
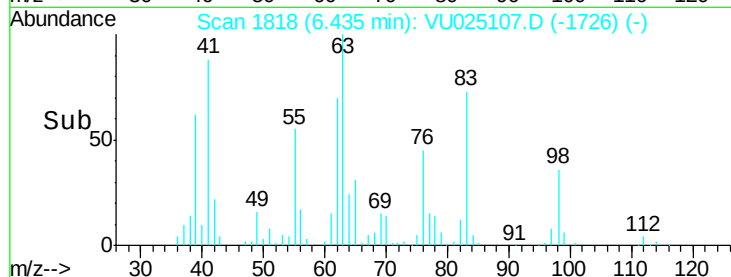
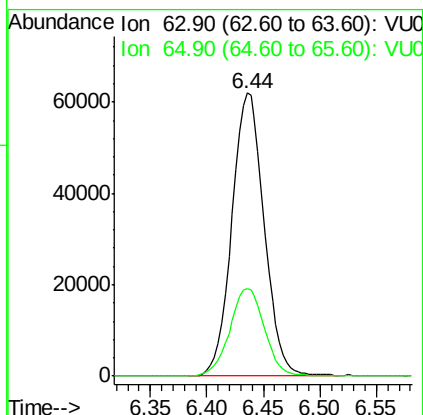
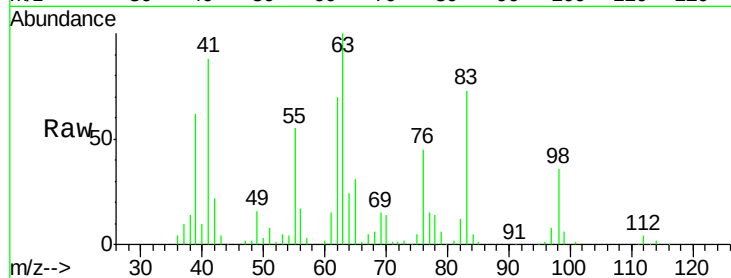




#45
 1,2-Dichloropropane
 Concen: 53.271 ug/l
 RT: 6.44 min Scan# 1819
 Delta R.T. -0.00 min
 Lab File: VU025107.D
 Acq: 30 Jun 2018 22:52

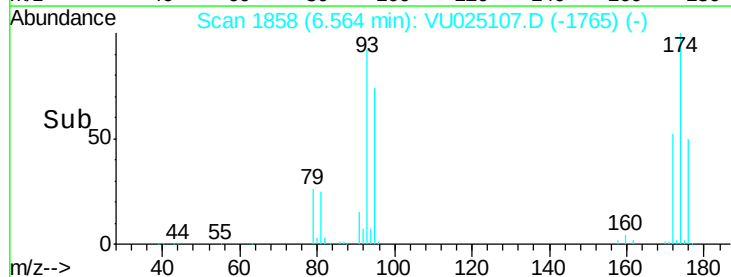
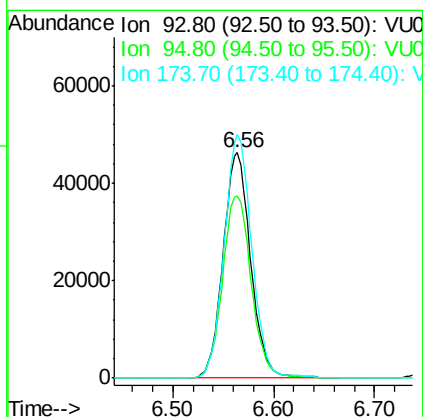
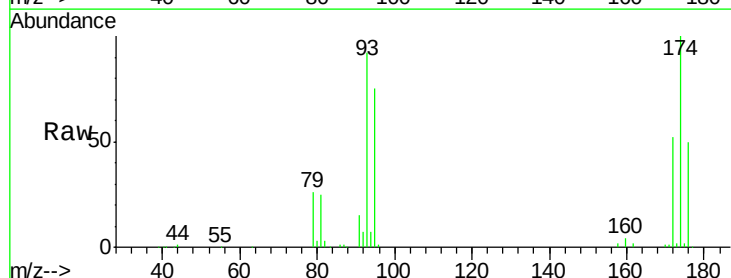
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

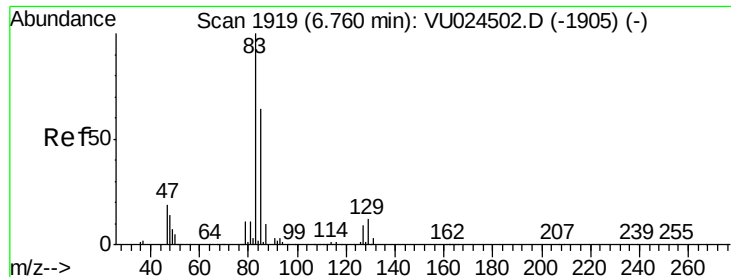
Tgt Ion: 63 Resp: 123164
 Ion Ratio Lower Upper
 63 100
 65 30.9 24.8 37.2



#46
 Dibromomethane
 Concen: 54.483 ug/l
 RT: 6.56 min Scan# 1858
 Delta R.T. -0.00 min
 Lab File: VU025107.D
 Acq: 30 Jun 2018 22:52

Tgt Ion: 93 Resp: 88480
 Ion Ratio Lower Upper
 93 100
 95 83.9 65.5 98.3
 174 108.4 78.7 118.1





#47

Bromodichloromethane

Concen: 53.611 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. -0.00 min

Lab File: VU025107.D

Acq: 30 Jun 2018 22:52

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

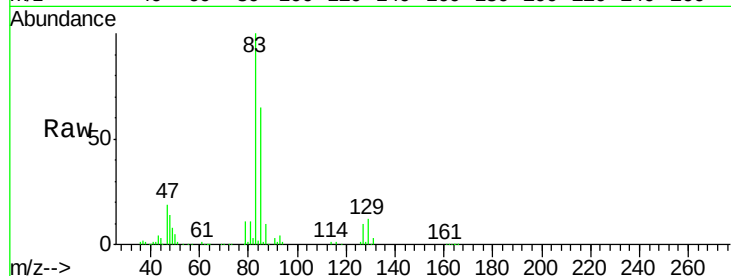
Tgt Ion: 83 Resp: 173369

Ion Ratio Lower Upper

83 100

85 65.0 51.9 77.9

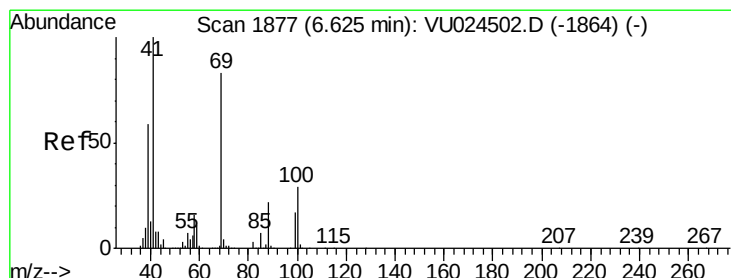
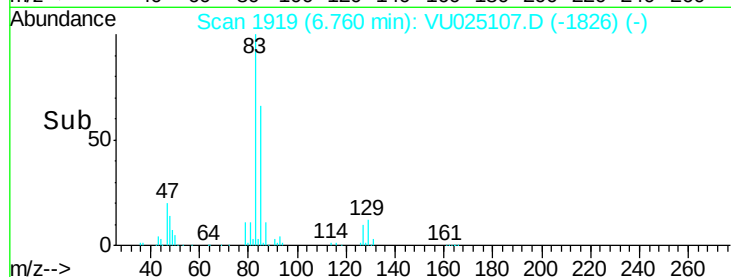
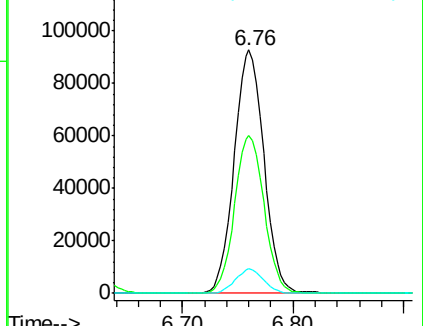
127 10.0 6.6 9.8#



Abundance Ion 82.90 (82.60 to 83.60): VU025107.D (-1826) (-)

Ion 84.90 (84.60 to 85.60): VU025107.D (-1826) (-)

Ion 126.80 (126.50 to 127.50): VU025107.D (-1826) (-)



#48

Methyl methacrylate

Concen: 54.513 ug/l

RT: 6.62 min Scan# 1876

Delta R.T. -0.00 min

Lab File: VU025107.D

Acq: 30 Jun 2018 22:52

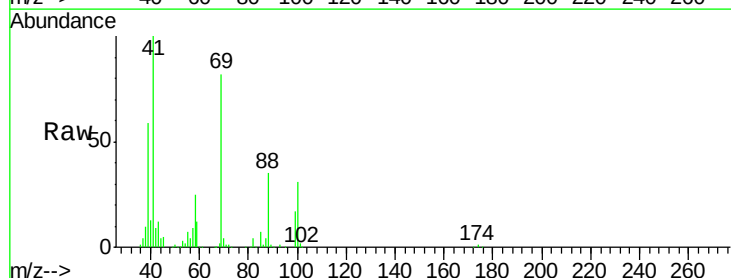
Tgt Ion: 41 Resp: 152075

Ion Ratio Lower Upper

41 100

69 82.5 67.3 100.9

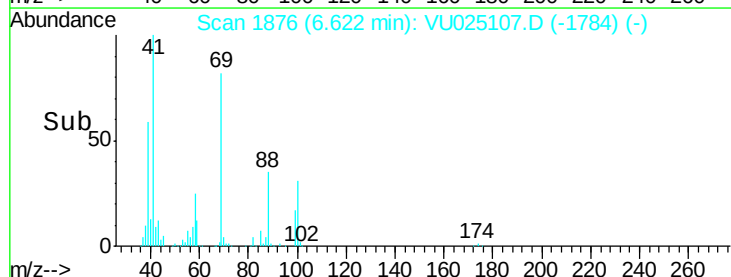
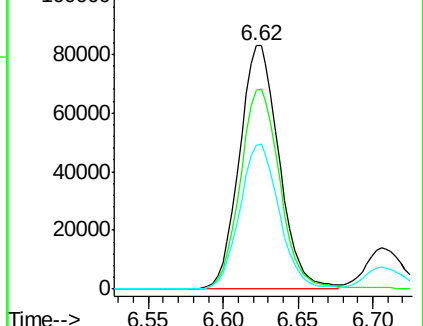
39 59.5 46.5 69.7

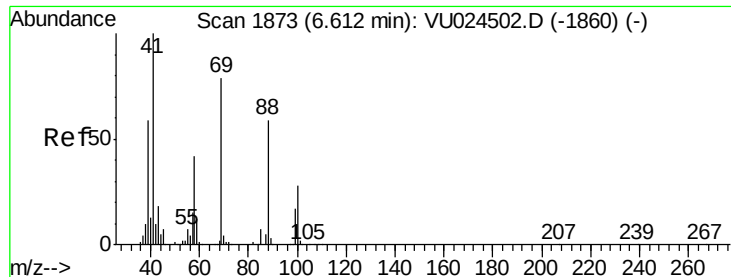


Abundance Ion 41.00 (40.70 to 41.70): VU025107.D (-1784) (-)

Ion 69.00 (68.70 to 69.70): VU025107.D (-1784) (-)

Ion 39.00 (38.70 to 39.70): VU025107.D (-1784) (-)





#49

1,4-Dioxane

Concen: 1262.144 ug/l

RT: 6.61 min Scan# 1873

Delta R.T. -0.00 min

Lab File: VU025107.D

Acq: 30 Jun 2018 22:52

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

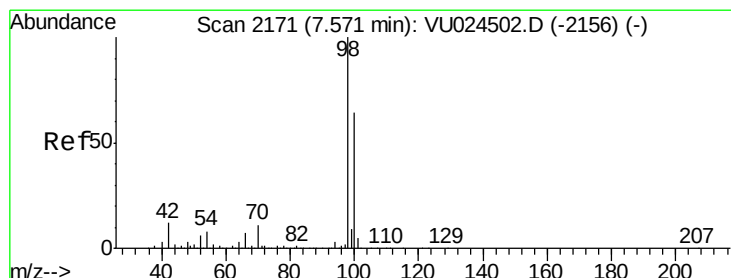
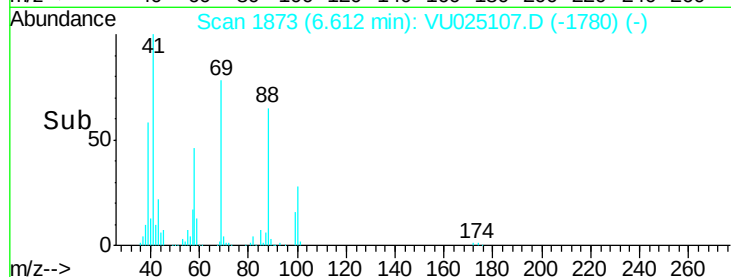
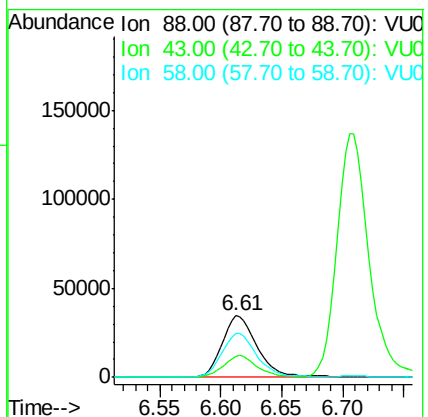
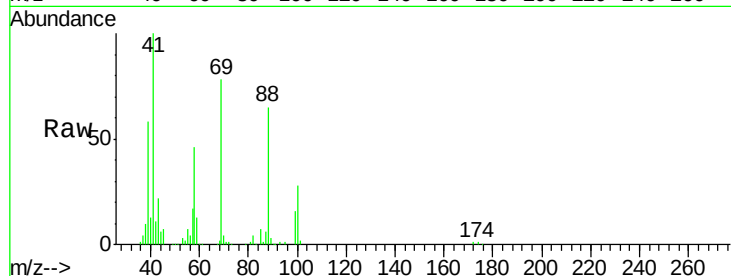
Tgt Ion: 88 Resp: 68858

Ion Ratio Lower Upper

88 100

43 34.3 28.6 42.8

58 71.7 58.2 87.4



#50

Toluene-d8

Concen: 42.543 ug/l

RT: 7.57 min Scan# 2170

Delta R.T. -0.00 min

Lab File: VU025107.D

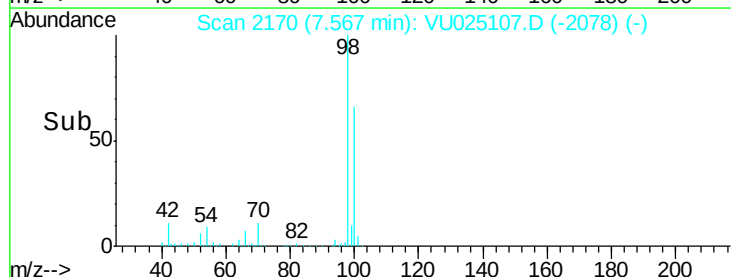
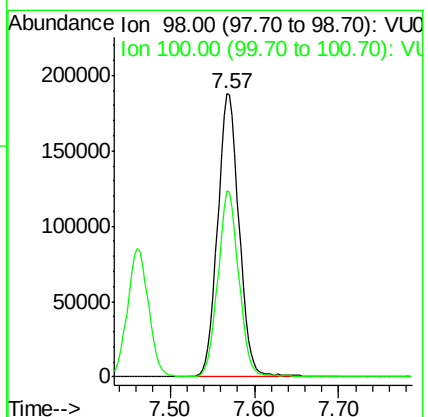
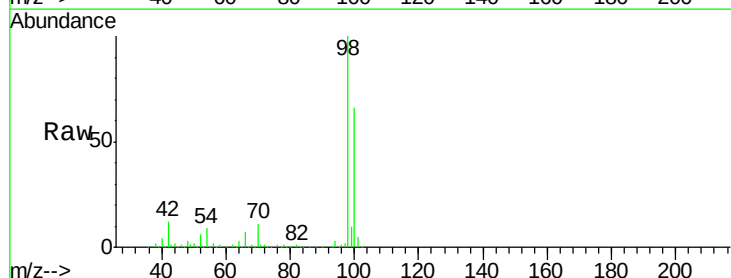
Acq: 30 Jun 2018 22:52

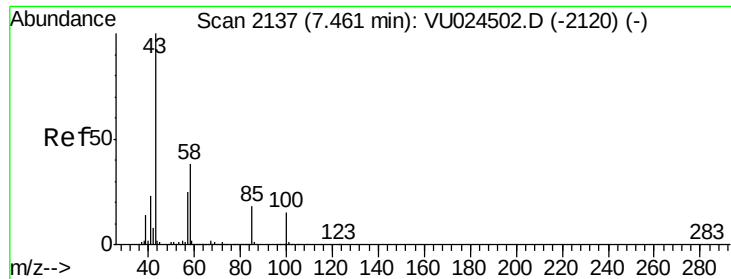
Tgt Ion: 98 Resp: 333281

Ion Ratio Lower Upper

98 100

100 63.1 51.1 76.7

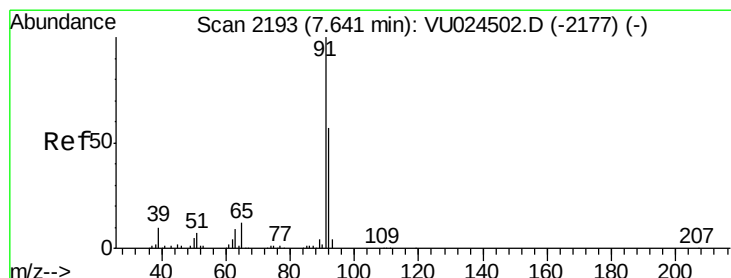
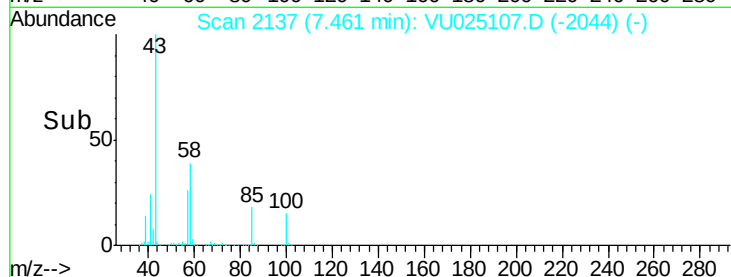
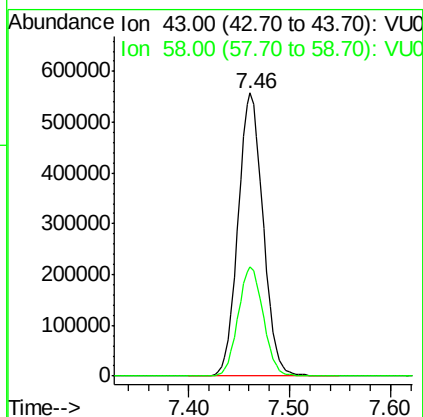
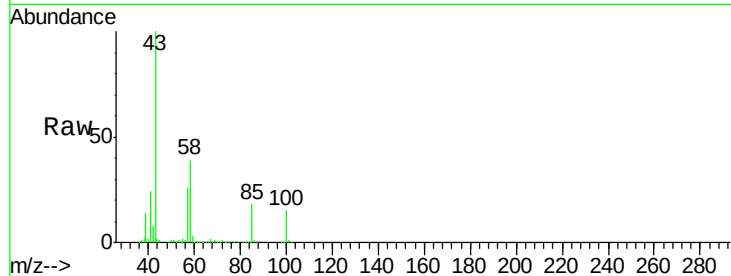




#51
 4-Methyl-2-Pentanone
 Concen: 265.905 ug/l
 RT: 7.46 min Scan# 2137
 Delta R.T. -0.00 min
 Lab File: VU025107.D
 Acq: 30 Jun 2018 22:52

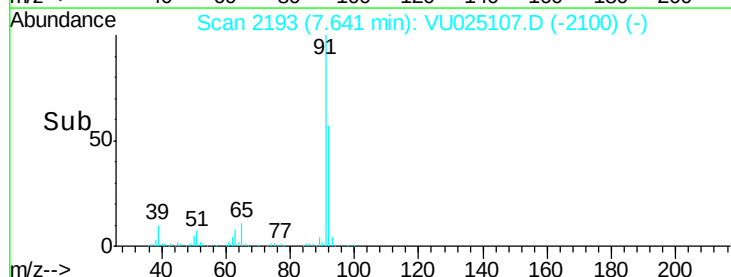
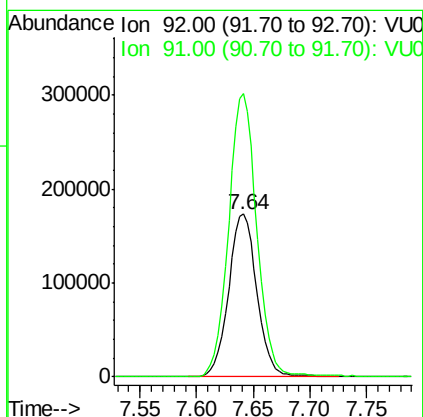
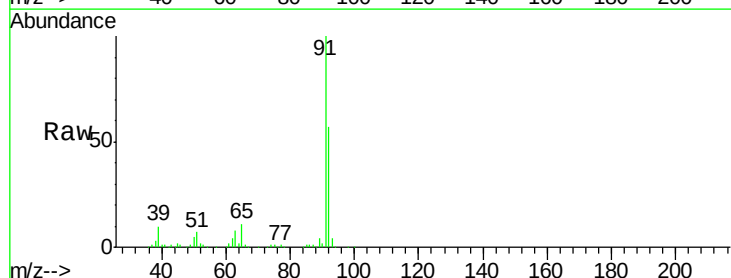
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

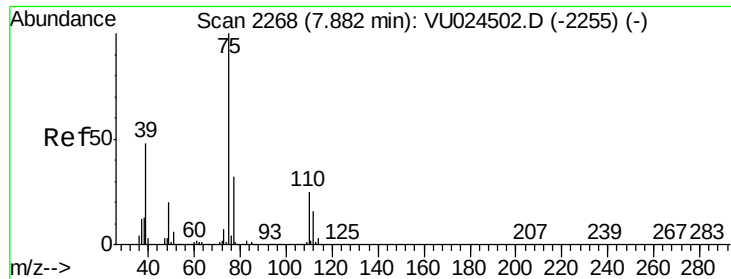
Tgt Ion: 43 Resp: 957070
 Ion Ratio Lower Upper
 43 100
 58 38.8 30.0 45.0



#52
 Toluene
 Concen: 54.124 ug/l
 RT: 7.64 min Scan# 2193
 Delta R.T. -0.00 min
 Lab File: VU025107.D
 Acq: 30 Jun 2018 22:52

Tgt Ion: 92 Resp: 301725
 Ion Ratio Lower Upper
 92 100
 91 174.4 140.5 210.7

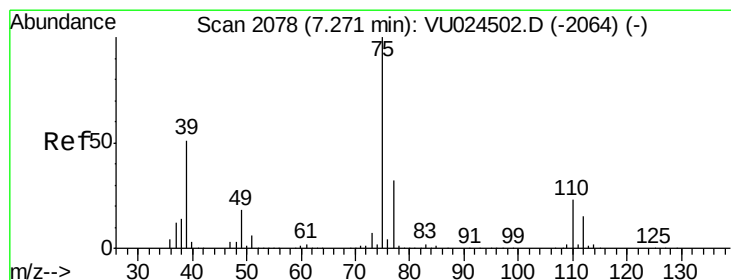
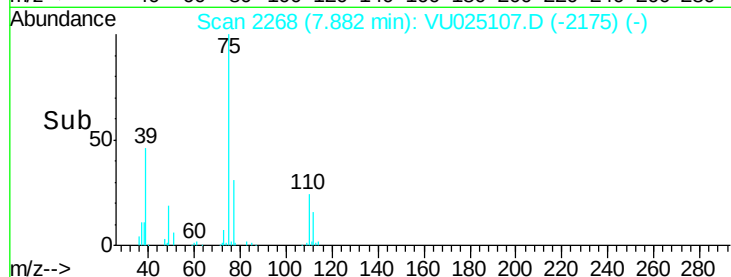
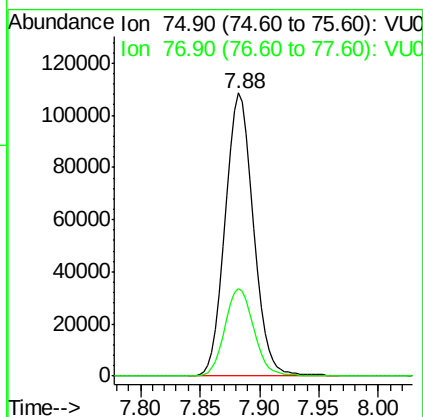
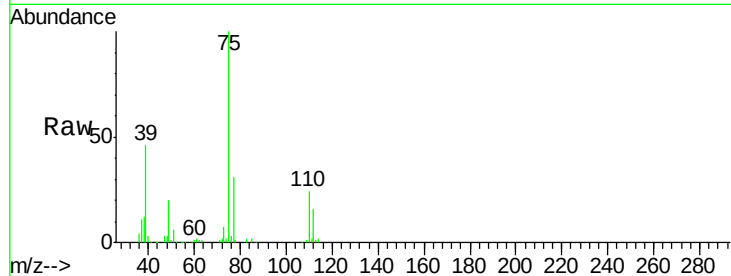




#53
 t-1,3-Dichloropropene
 Concen: 49.331 ug/l
 RT: 7.88 min Scan# 2268
 Delta R.T. -0.00 min
 Lab File: VU025107.D
 Acq: 30 Jun 2018 22:52

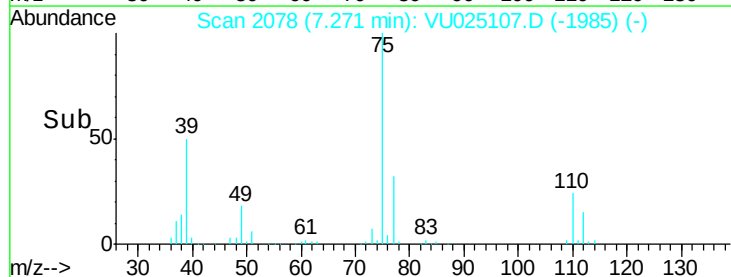
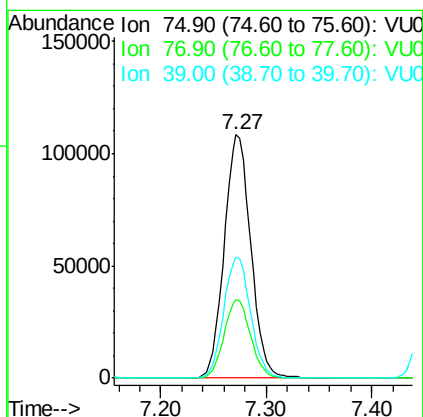
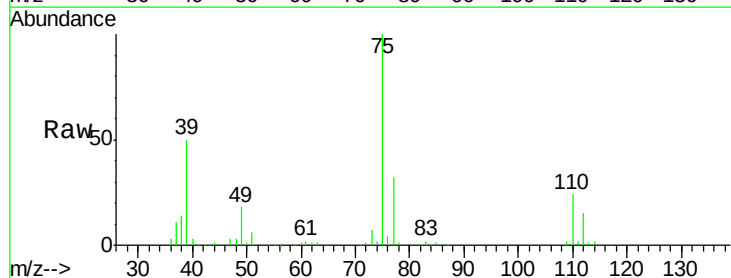
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

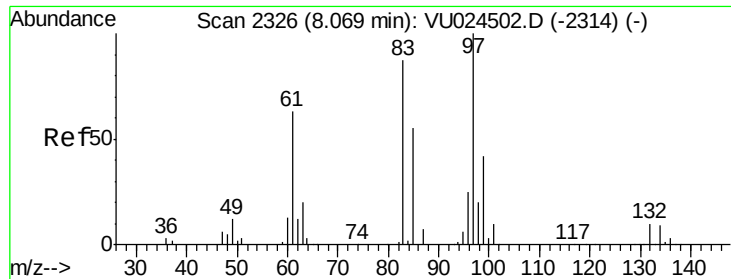
Tgt Ion: 75 Resp: 179152
 Ion Ratio Lower Upper
 75 100
 77 31.0 24.8 37.2



#54
 cis-1,3-Dichloropropene
 Concen: 48.739 ug/l
 RT: 7.27 min Scan# 2078
 Delta R.T. -0.00 min
 Lab File: VU025107.D
 Acq: 30 Jun 2018 22:52

Tgt Ion: 75 Resp: 188606
 Ion Ratio Lower Upper
 75 100
 77 32.3 24.6 36.8
 39 49.7 39.8 59.6

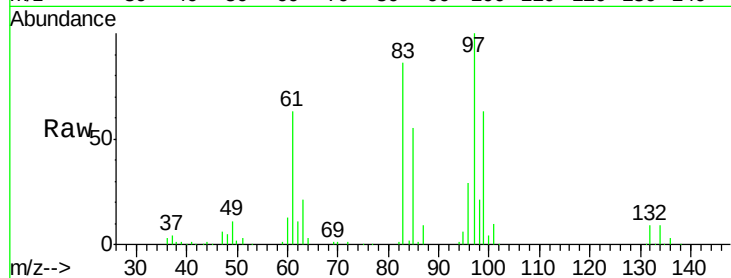




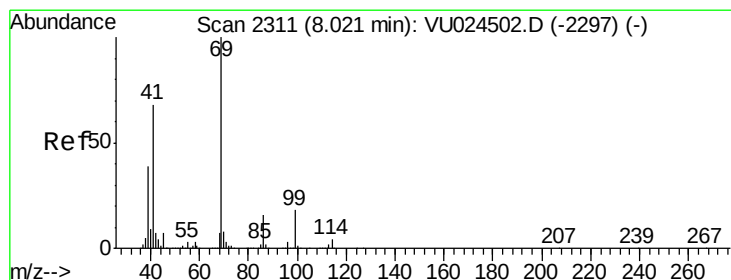
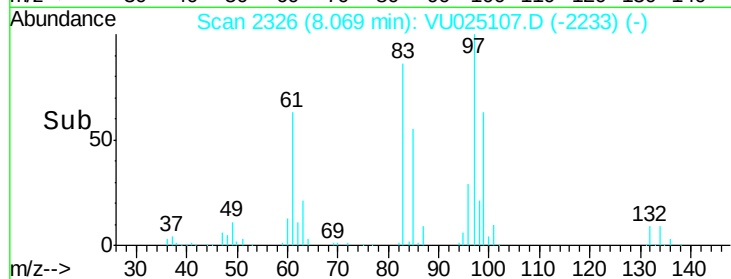
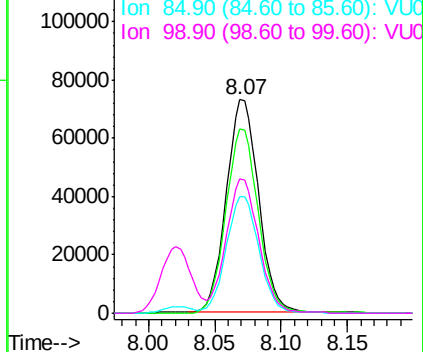
#55
1,1,2-Trichloroethane
Concen: 54.477 ug/l
RT: 8.07 min Scan# 2326
Delta R.T. -0.00 min
Lab File: VU025107.D
Acq: 30 Jun 2018 22:52

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	97	Resp:	123448
Ion	Ratio	Lower	Upper
97	100		
83	86.6	70.5	105.7
85	54.7	46.4	69.6
99	63.1	50.2	75.2

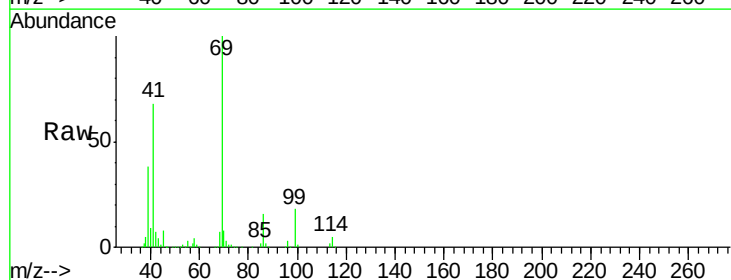


Abundance Ion 96.90 (96.60 to 97.60): VU0
Ion 82.90 (82.60 to 83.60): VU0
Ion 84.90 (84.60 to 85.60): VU0
Ion 98.90 (98.60 to 99.60): VU0

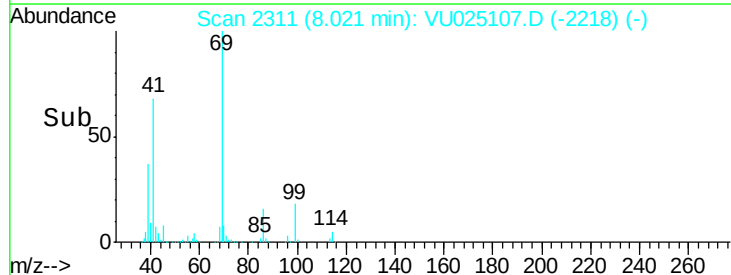
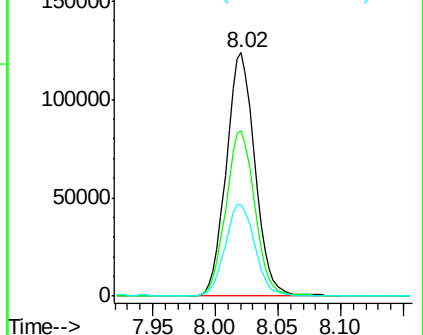


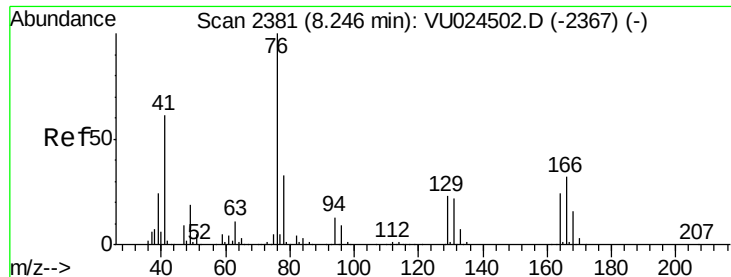
#56
Ethyl methacrylate
Concen: 51.791 ug/l
RT: 8.02 min Scan# 2311
Delta R.T. -0.00 min
Lab File: VU025107.D
Acq: 30 Jun 2018 22:52

Tgt Ion:	69	Resp:	196434
Ion	Ratio	Lower	Upper
69	100		
41	68.8	54.1	81.1
39	38.5	30.3	45.5



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

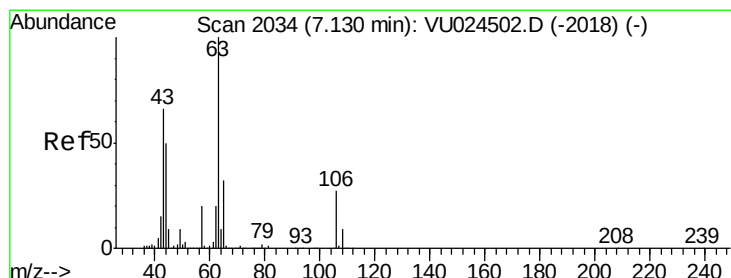
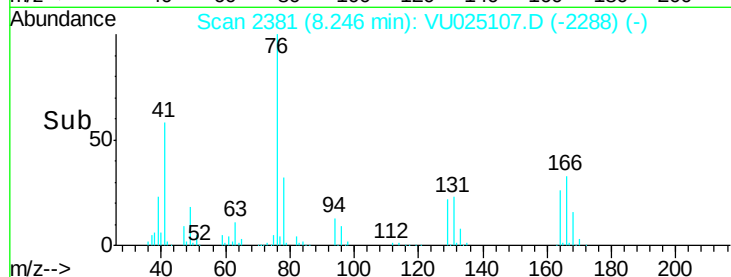
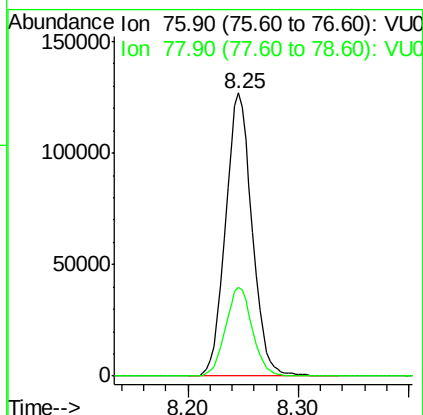
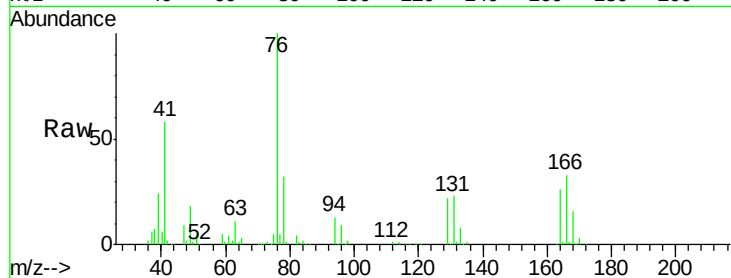




#57
 1,3-Dichloropropane
 Concen: 55.480 ug/l
 RT: 8.25 min Scan# 2381
 Delta R.T. -0.00 min
 Lab File: VU025107.D
 Acq: 30 Jun 2018 22:52

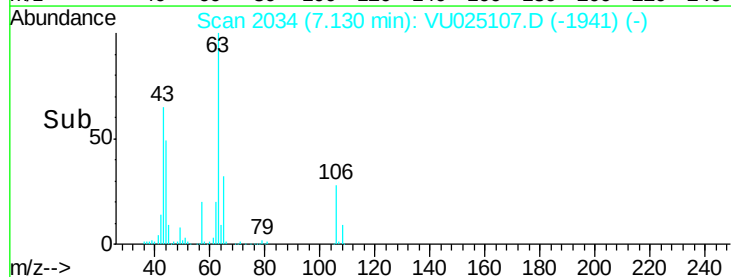
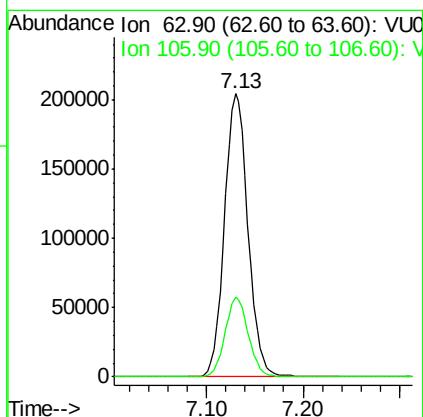
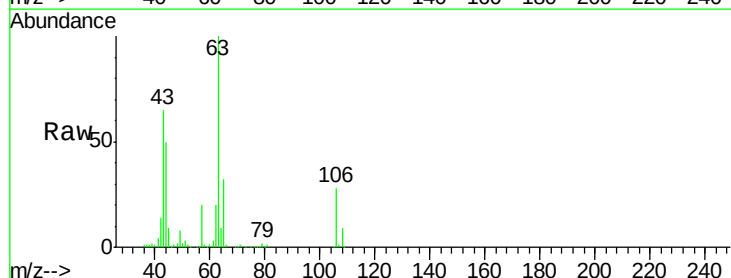
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

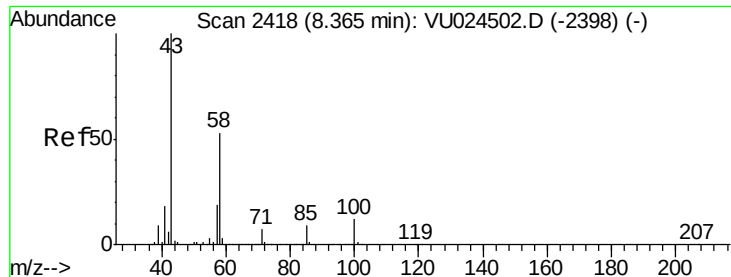
Tgt Ion: 76 Resp: 212081
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.2 37.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 236.835 ug/l
 RT: 7.13 min Scan# 2034
 Delta R.T. -0.00 min
 Lab File: VU025107.D
 Acq: 30 Jun 2018 22:52

Tgt Ion: 63 Resp: 344132
 Ion Ratio Lower Upper
 63 100
 106 27.7 20.2 30.2

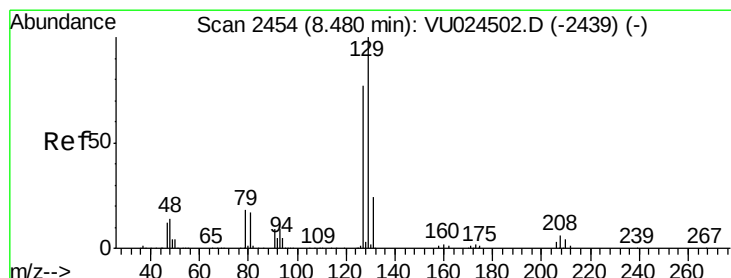
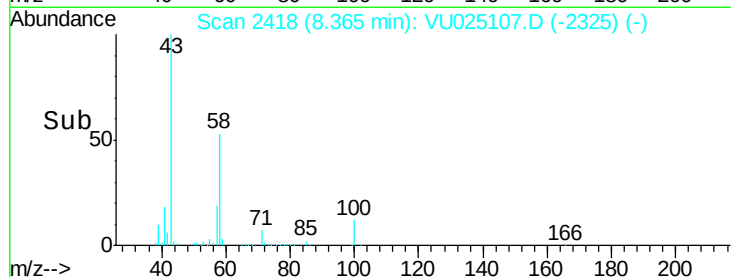
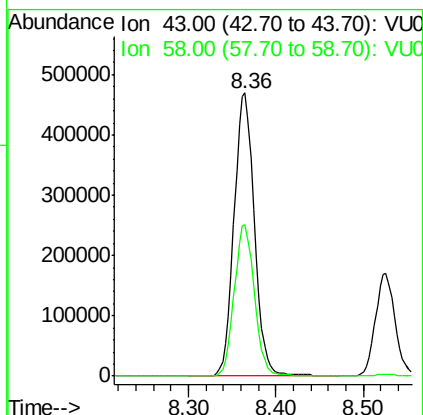
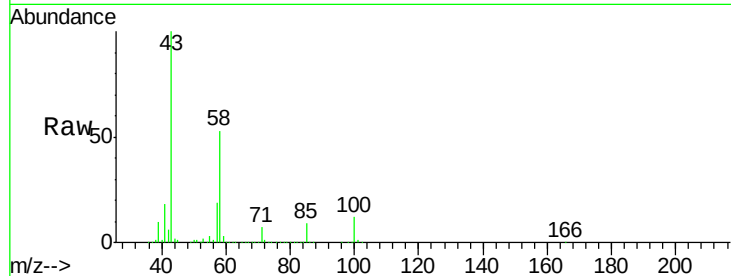




#59
2-Hexanone
Concen: 258.762 ug/l
RT: 8.36 min Scan# 2418
Delta R.T. -0.00 min
Lab File: VU025107.D
Acq: 30 Jun 2018 22:52

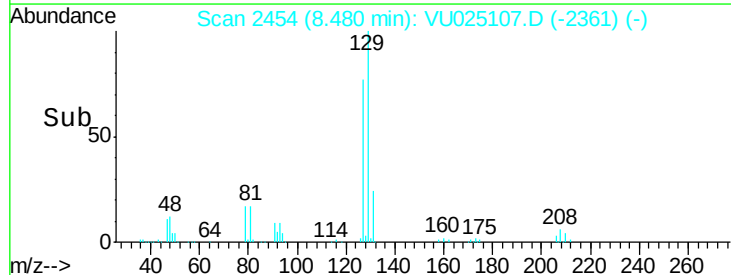
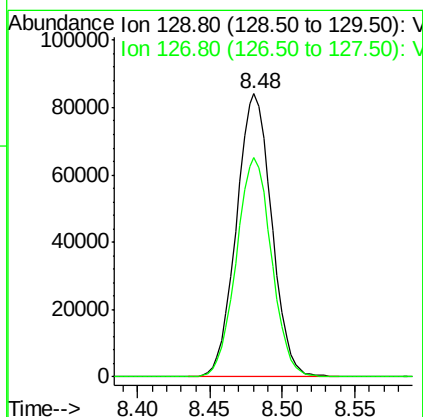
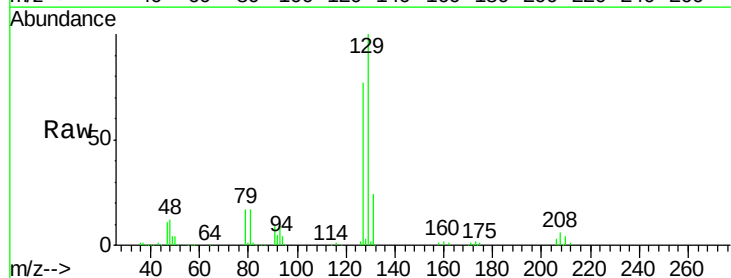
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

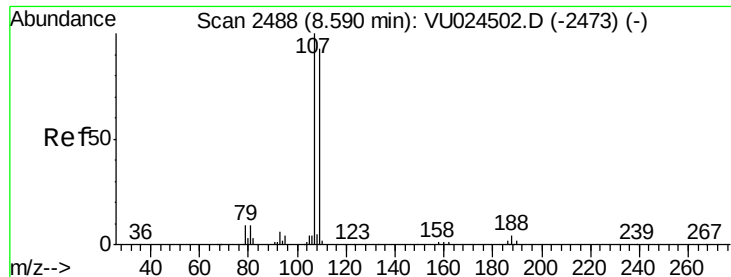
Tgt Ion: 43 Resp: 760368
Ion Ratio Lower Upper
43 100
58 53.3 26.4 79.0



#60
Dibromochloromethane
Concen: 50.398 ug/l
RT: 8.48 min Scan# 2454
Delta R.T. -0.00 min
Lab File: VU025107.D
Acq: 30 Jun 2018 22:52

Tgt Ion: 129 Resp: 142413
Ion Ratio Lower Upper
129 100
127 77.4 38.6 116.0





#61

1,2-Dibromoethane

Concen: 54.108 ug/l

RT: 8.59 min Scan# 2488

Delta R.T. -0.00 min

Lab File: VU025107.D

Acq: 30 Jun 2018 22:52

Instrument :

MSVOA_U

ClientSampleId :

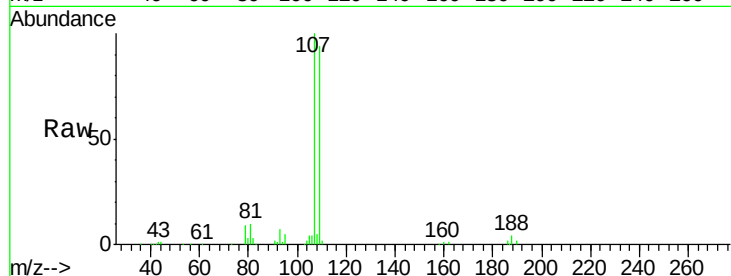
VSTDCCC050EC

Tgt Ion: 107 Resp: 136471

Ion Ratio Lower Upper

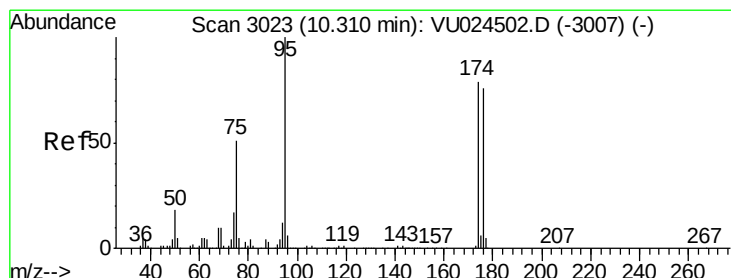
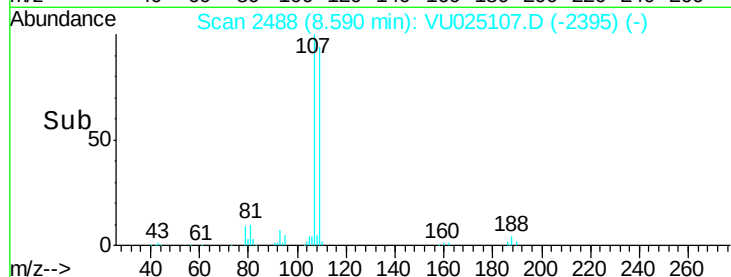
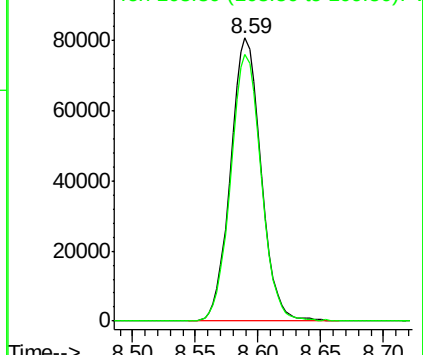
107 100

109 94.7 74.5 111.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 45.896 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU025107.D

Acq: 30 Jun 2018 22:52

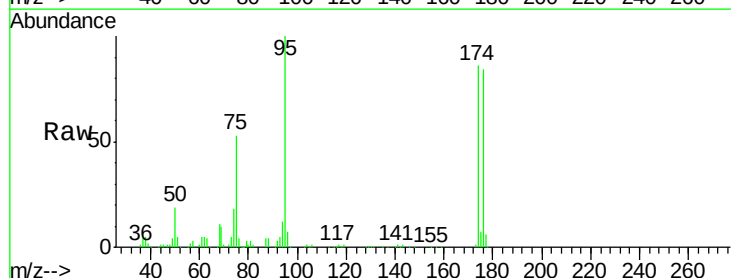
Tgt Ion: 95 Resp: 142756

Ion Ratio Lower Upper

95 100

174 86.1 0.0 165.8

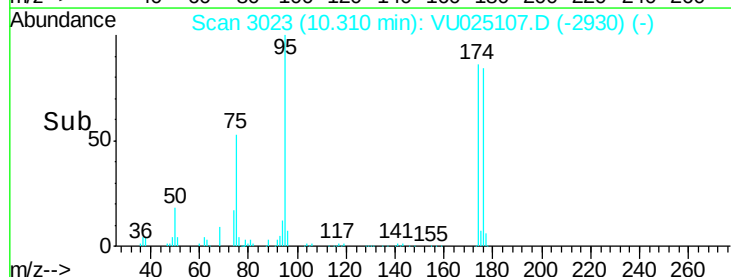
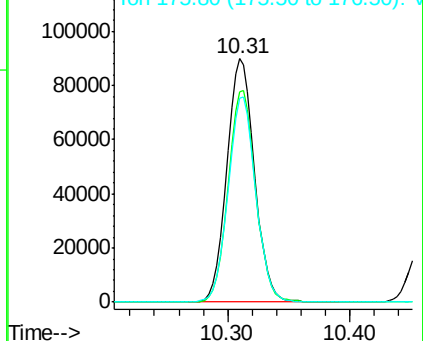
176 83.9 0.0 159.4

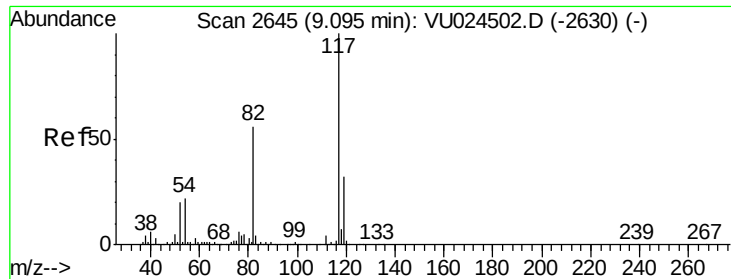


Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

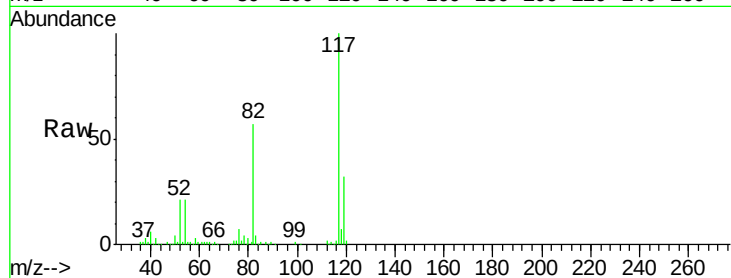




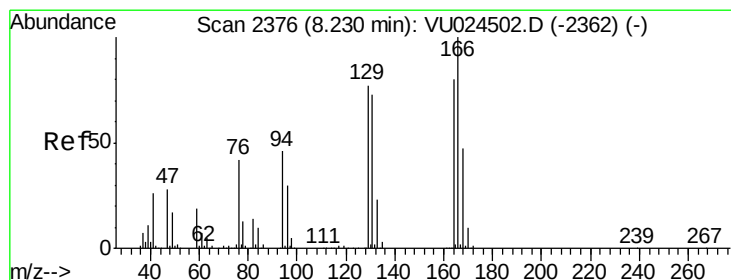
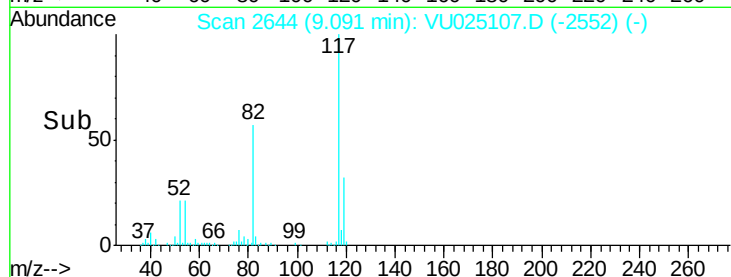
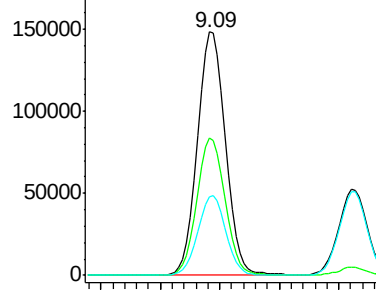
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VU025107.D
Acq: 30 Jun 2018 22:52

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	117	Resp:	243656
Ion	Ratio	Lower	Upper
117	100		
82	56.5	44.3	66.5
119	32.5	25.4	38.2

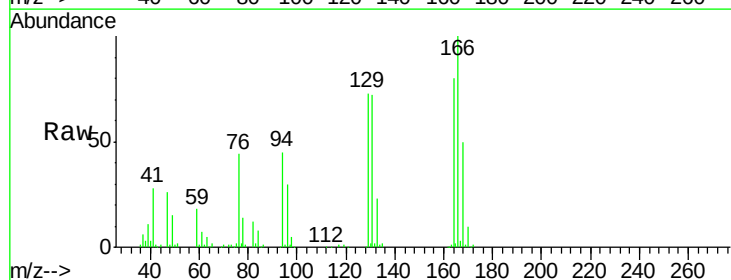


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

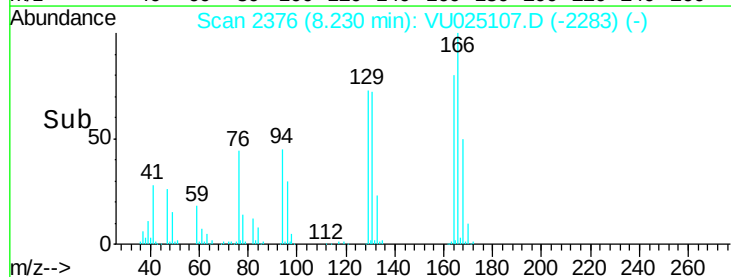
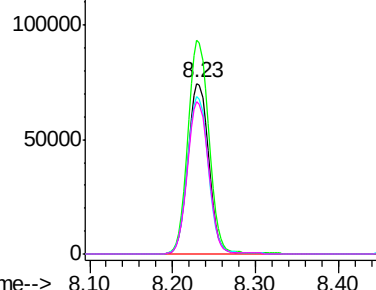


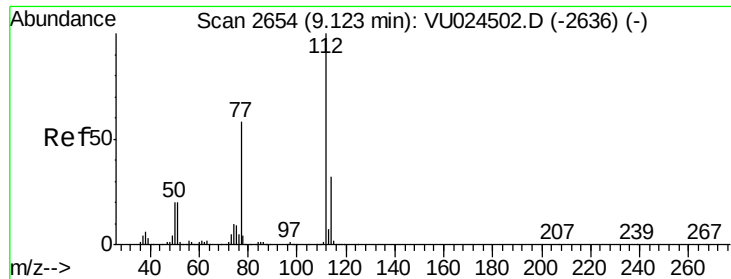
#64
Tetrachloroethene
Concen: 56.128 ug/l
RT: 8.23 min Scan# 2376
Delta R.T. -0.00 min
Lab File: VU025107.D
Acq: 30 Jun 2018 22:52

Tgt Ion:	164	Resp:	129995
Ion	Ratio	Lower	Upper
164	100		
166	125.0	101.7	152.5
129	91.8	76.9	115.3
131	89.4	74.9	112.3



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

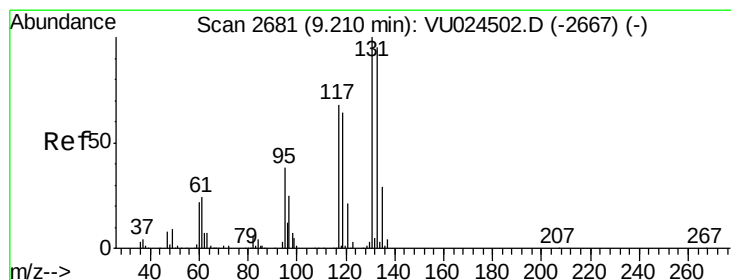
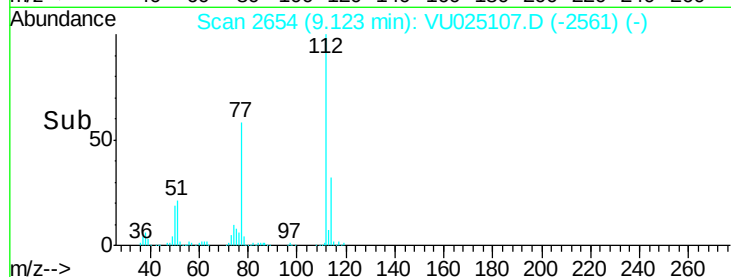
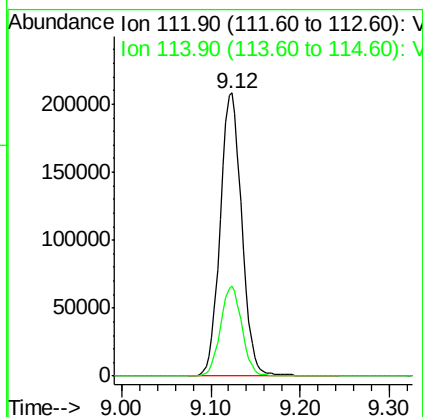
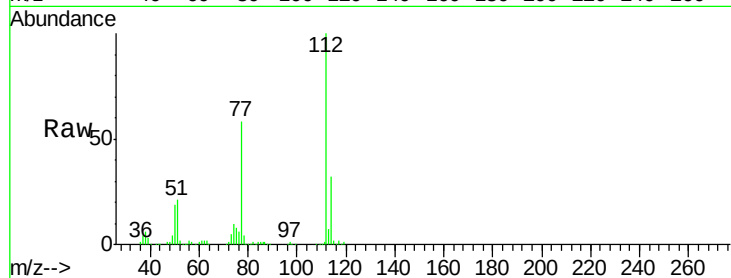




#65
Chlorobenzene
Concen: 56.111 ug/l
RT: 9.12 min Scan# 2654
Delta R.T. 0.00 min
Lab File: VU025107.D
Acq: 30 Jun 2018 22:52

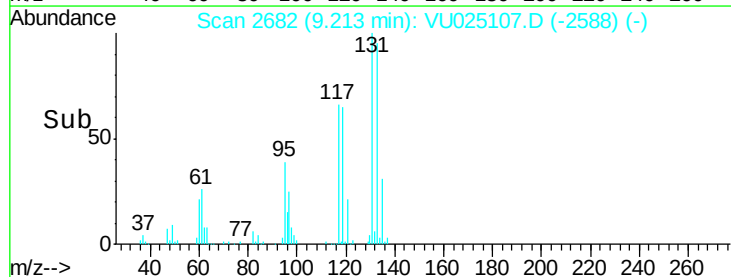
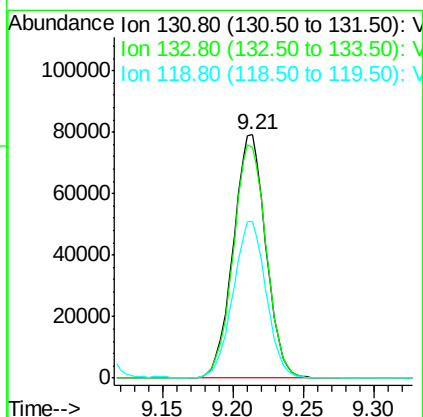
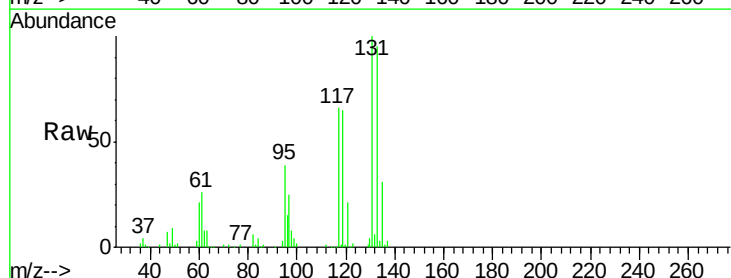
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

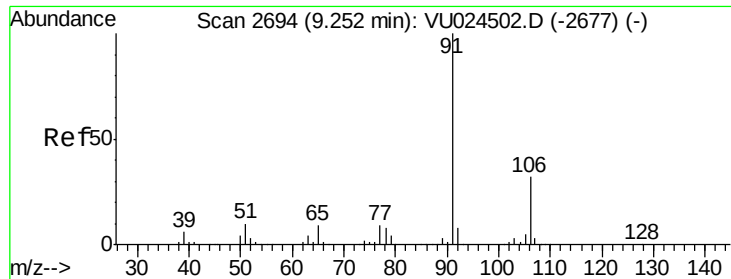
Tgt Ion:112 Resp: 349267
Ion Ratio Lower Upper
112 100
114 32.0 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 54.291 ug/l
RT: 9.21 min Scan# 2682
Delta R.T. 0.00 min
Lab File: VU025107.D
Acq: 30 Jun 2018 22:52

Tgt Ion:131 Resp: 128389
Ion Ratio Lower Upper
131 100
133 97.1 46.9 140.8
119 64.7 33.5 100.4





#67

Ethyl Benzene

Concen: 54.546 ug/l

RT: 9.25 min Scan# 2694

Delta R.T. -0.00 min

Lab File: VU025107.D

Acq: 30 Jun 2018 22:52

Instrument :

MSVOA_U

ClientSampleId :

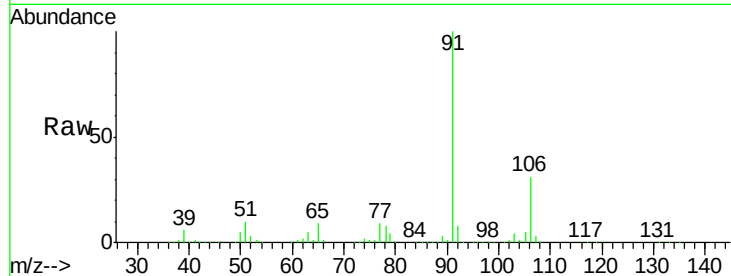
VSTDCCC050EC

Tgt Ion: 91 Resp: 595205

Ion Ratio Lower Upper

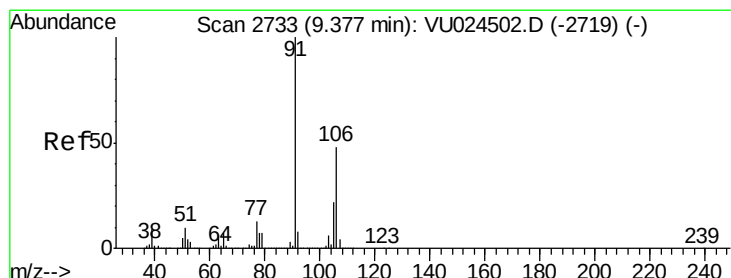
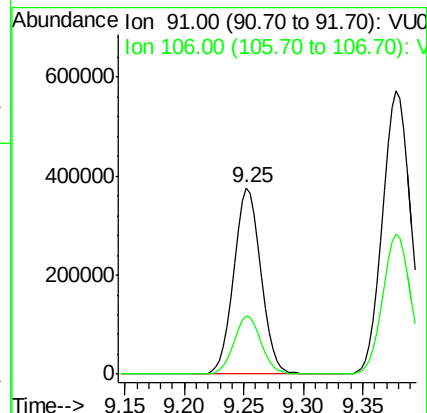
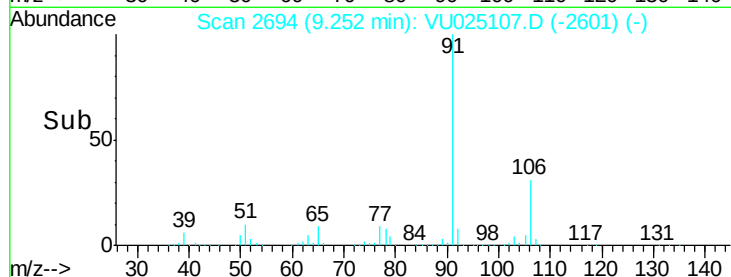
91 100

106 31.3 24.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VU025107.D (-2601) (-)

Ion 106.00 (105.70 to 106.70): VU025107.D (-2601) (-)



#68

m/p-Xylenes

Concen: 110.899 ug/l

RT: 9.38 min Scan# 2733

Delta R.T. -0.00 min

Lab File: VU025107.D

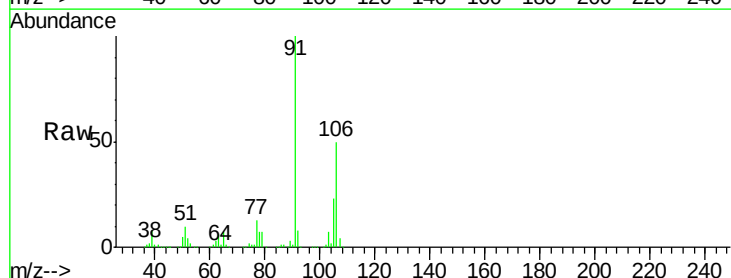
Acq: 30 Jun 2018 22:52

Tgt Ion: 106 Resp: 464691

Ion Ratio Lower Upper

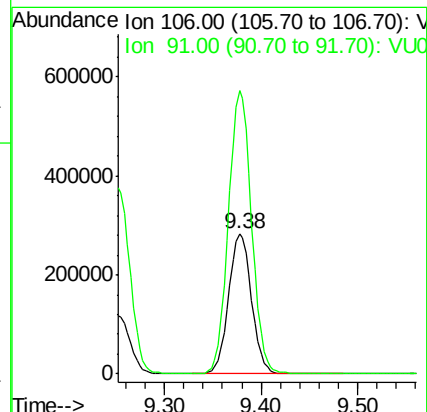
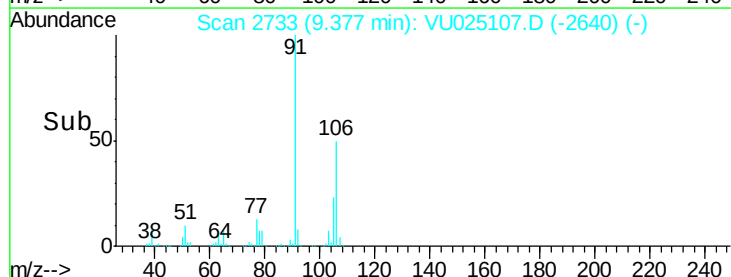
106 100

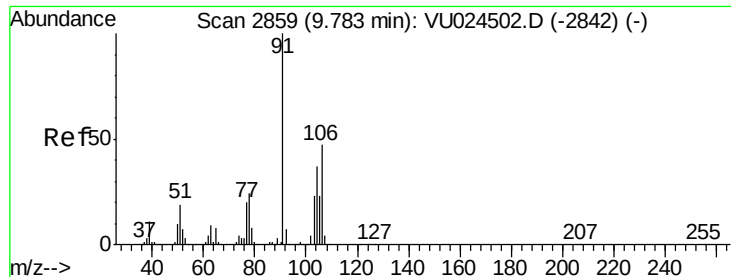
91 203.7 166.5 249.7



Abundance Ion 106.00 (105.70 to 106.70): VU025107.D (-2640) (-)

Ion 91.00 (90.70 to 91.70): VU025107.D (-2640) (-)

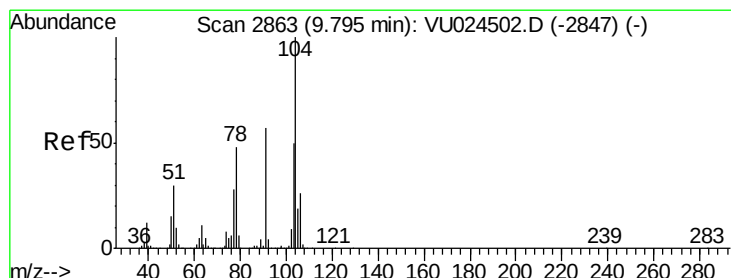
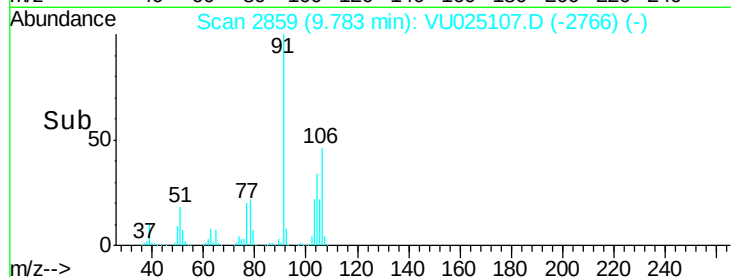
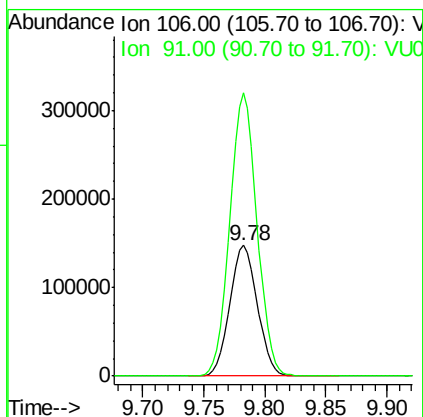
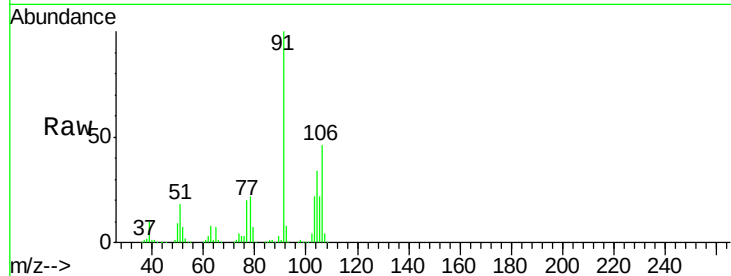




#69
o-Xylene
Concen: 56.229 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. -0.00 min
Lab File: VU025107.D
Acq: 30 Jun 2018 22:52

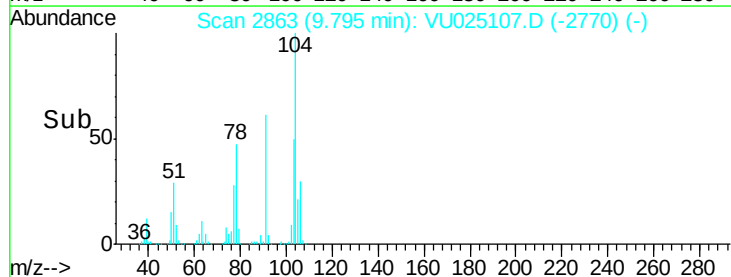
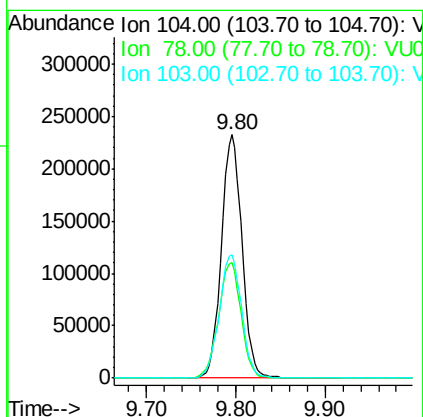
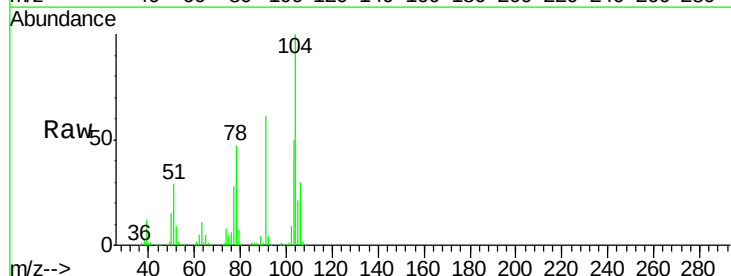
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

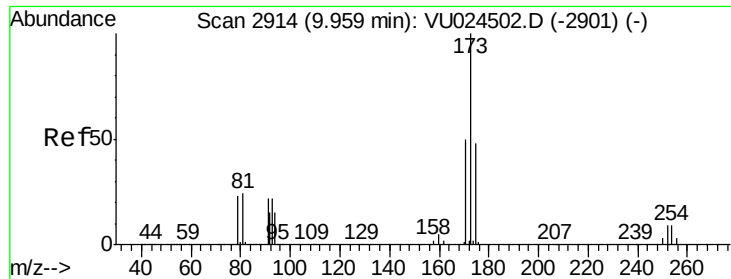
Tgt Ion:106 Resp: 233179
Ion Ratio Lower Upper
106 100
91 213.6 110.7 331.9



#70
Styrene
Concen: 54.530 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. 0.00 min
Lab File: VU025107.D
Acq: 30 Jun 2018 22:52

Tgt Ion:104 Resp: 371613
Ion Ratio Lower Upper
104 100
78 52.0 40.6 60.8
103 54.7 44.7 67.1

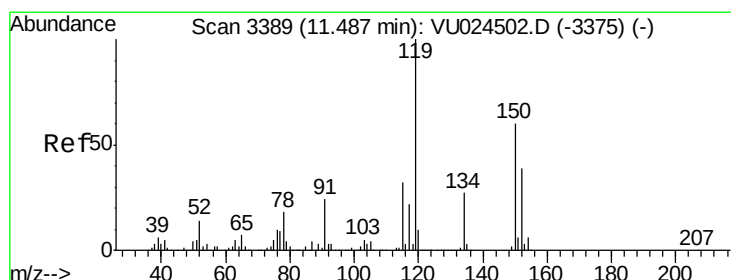
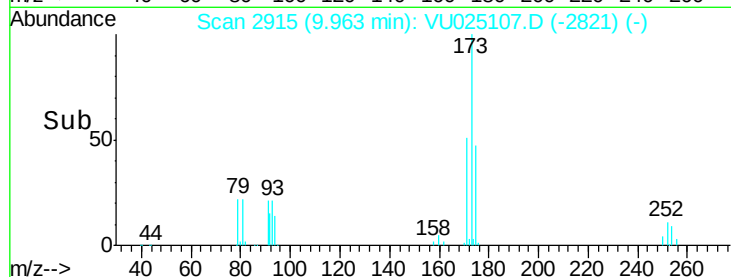
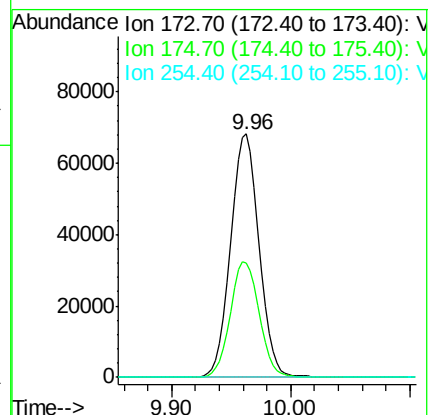
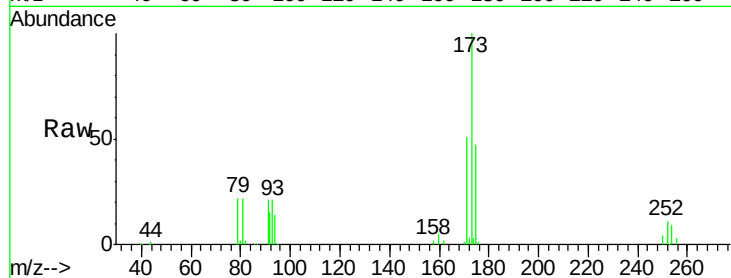




#71
Bromoform
Concen: 50.205 ug/l
RT: 9.96 min Scan# 2915
Delta R.T. 0.00 min
Lab File: VU025107.D
Acq: 30 Jun 2018 22:52

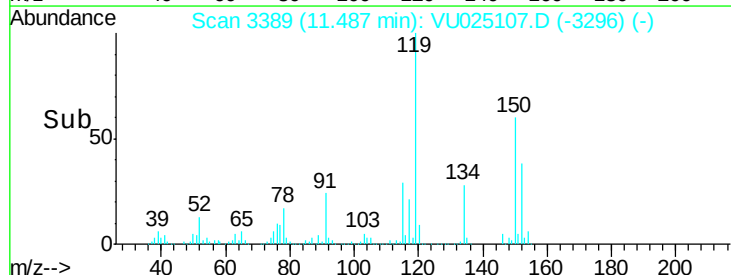
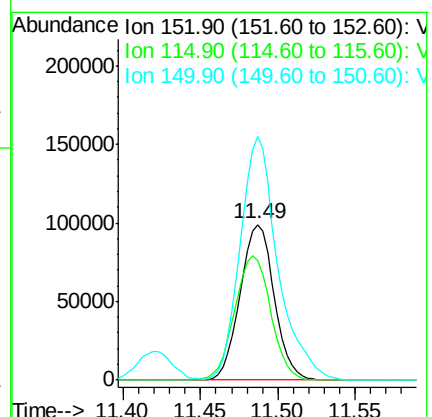
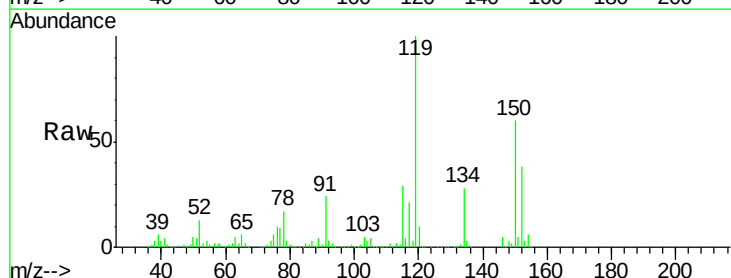
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

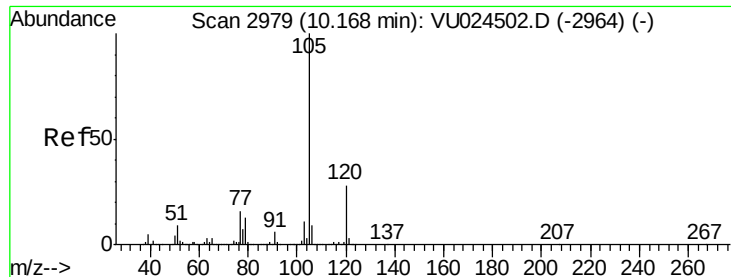
Tgt Ion:173 Resp: 112849
Ion Ratio Lower Upper
173 100
175 48.3 24.6 74.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.49 min Scan# 3389
Delta R.T. 0.00 min
Lab File: VU025107.D
Acq: 30 Jun 2018 22:52

Tgt Ion:152 Resp: 151524
Ion Ratio Lower Upper
152 100
115 84.4 43.0 129.0
150 172.6 0.0 354.0





#73

Isopropylbenzene

Concen: 53.431 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. -0.00 min

Lab File: VU025107.D

Acq: 30 Jun 2018 22:52

Instrument :

MSVOA_U

ClientSampleId :

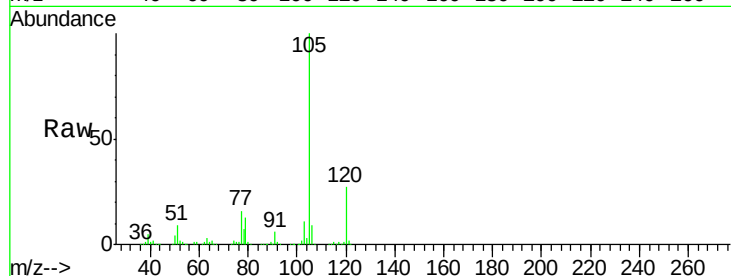
VSTDCCC050EC

Tgt Ion: 105 Resp: 621579

Ion Ratio Lower Upper

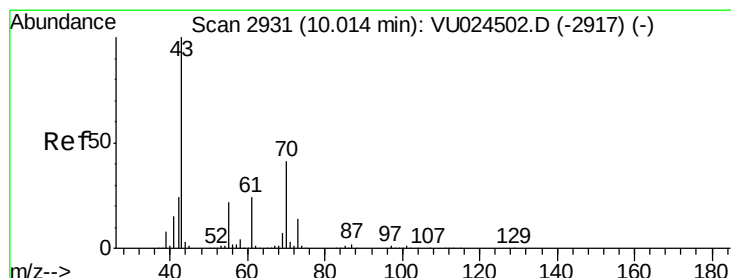
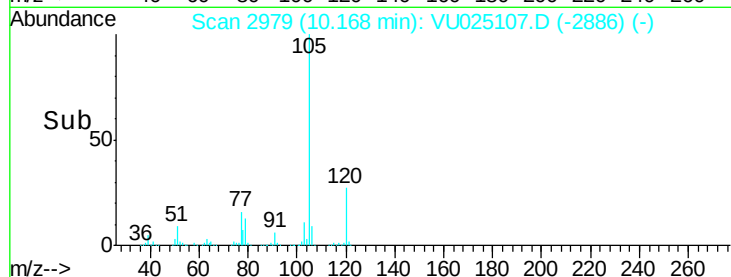
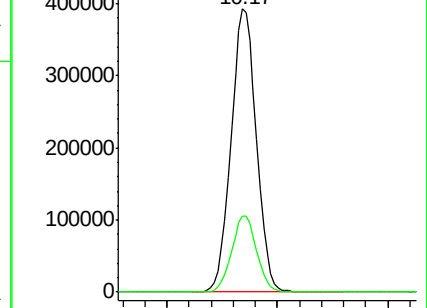
105 100

120 26.6 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 46.881 ug/l

RT: 10.01 min Scan# 2931

Delta R.T. -0.00 min

Lab File: VU025107.D

Acq: 30 Jun 2018 22:52

Tgt Ion: 43 Resp: 259411

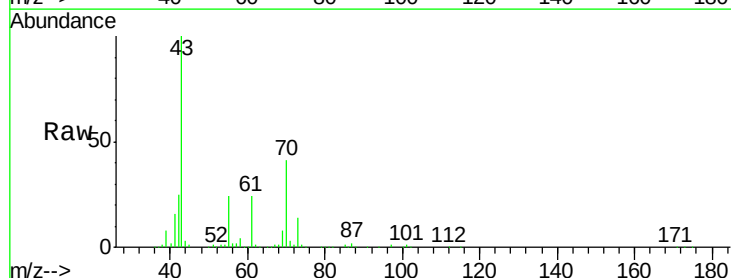
Ion Ratio Lower Upper

43 100

70 41.3 32.2 48.4

55 24.2 20.5 30.7

61 23.7 18.7 28.1

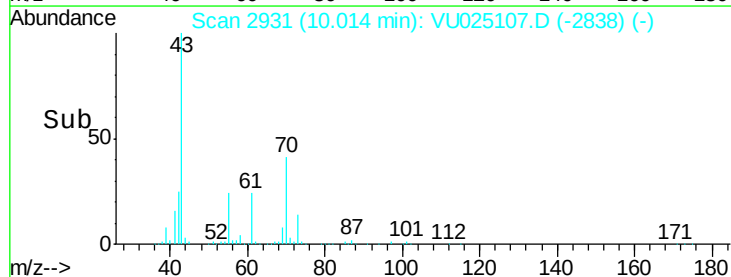
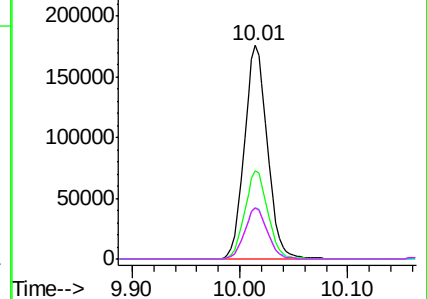


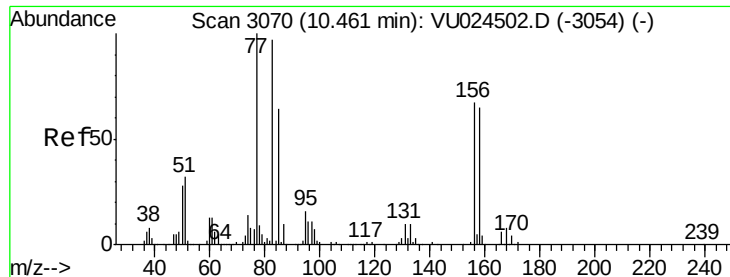
Abundance Ion 43.00 (42.70 to 43.70): VU0

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: 52.800 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. 0.00 min

Lab File: VU025107.D

Acq: 30 Jun 2018 22:52

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

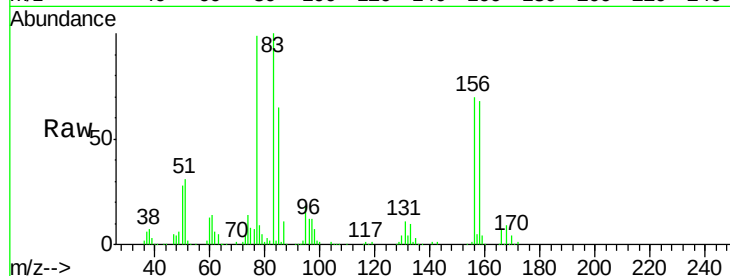
Tgt Ion: 83 Resp: 205835

Ion Ratio Lower Upper

83 100

131 10.9 4.7 14.1

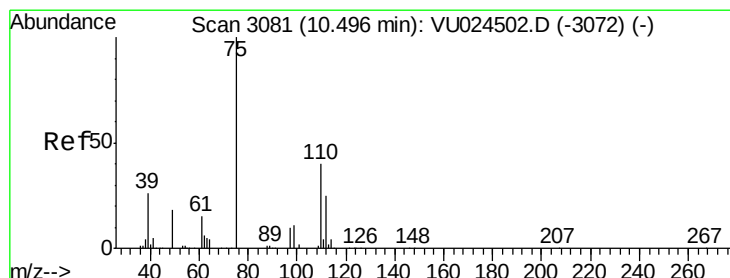
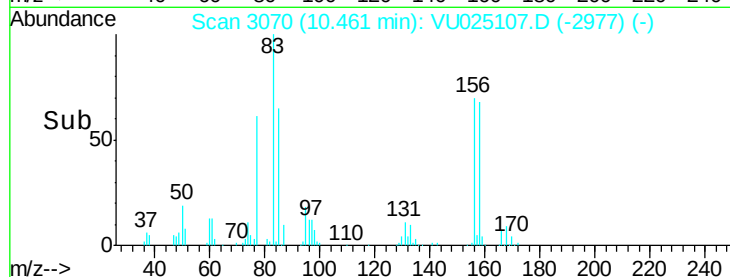
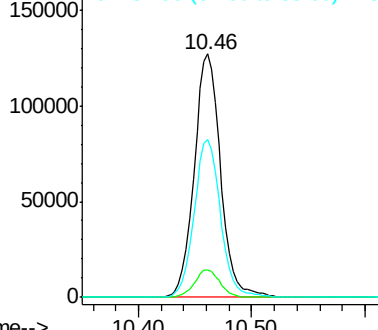
85 65.1 32.5 97.5



Abundance Ion 82.90 (82.60 to 83.60): VU0

Ion 130.80 (130.50 to 131.50): VU0

Ion 84.90 (84.60 to 85.60): VU0



#76

1,2,3-Trichloropropane

Concen: 70.819 ug/l

RT: 10.50 min Scan# 3081

Delta R.T. -0.00 min

Lab File: VU025107.D

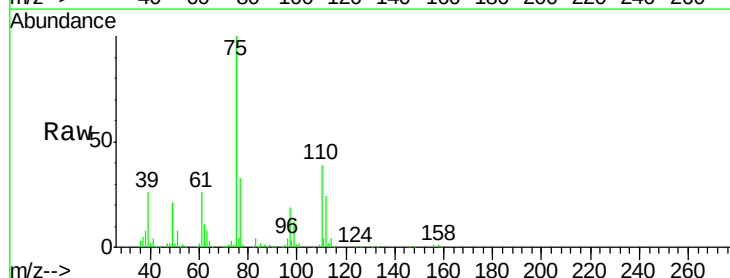
Acq: 30 Jun 2018 22:52

Tgt Ion: 75 Resp: 236254

Ion Ratio Lower Upper

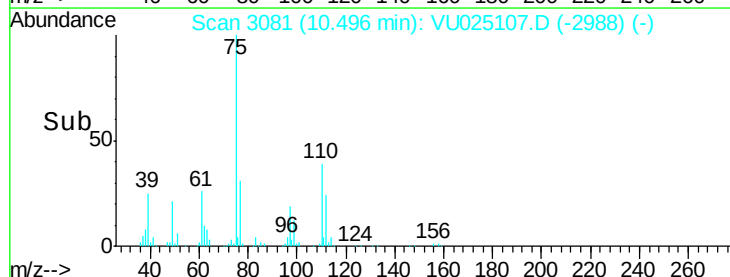
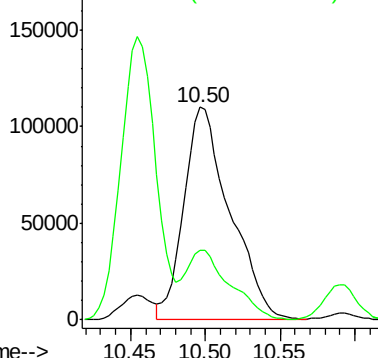
75 100

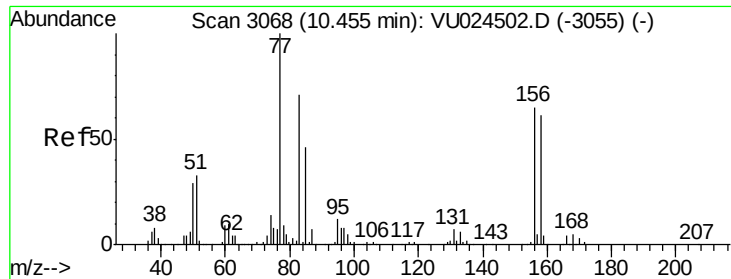
77 30.1 20.9 62.7



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0





#77

Bromobenzene

Concen: 53.870 ug/l

RT: 10.45 min Scan# 3068

Delta R.T. -0.00 min

Lab File: VU025107.D

Acq: 30 Jun 2018 22:52

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

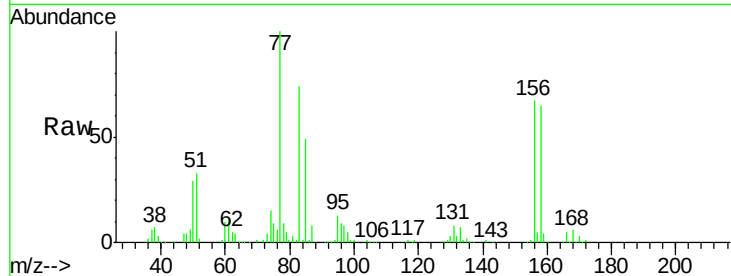
Tgt Ion:156 Resp: 158656

Ion Ratio Lower Upper

156 100

77 150.0 80.5 241.3

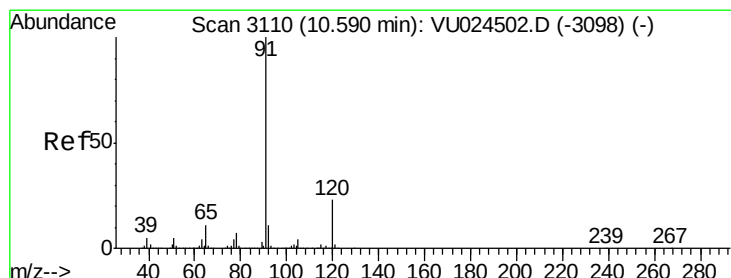
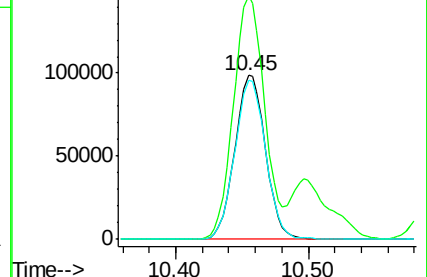
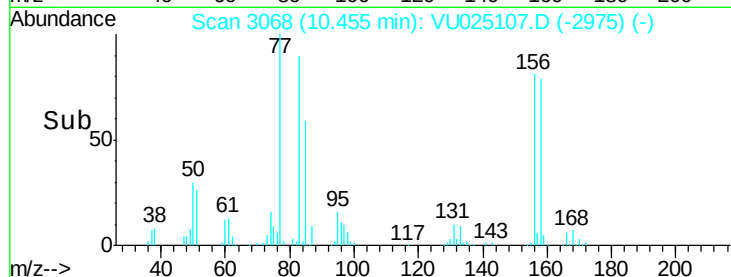
158 97.6 48.2 144.6



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: 50.955 ug/l

RT: 10.59 min Scan# 3110

Delta R.T. -0.00 min

Lab File: VU025107.D

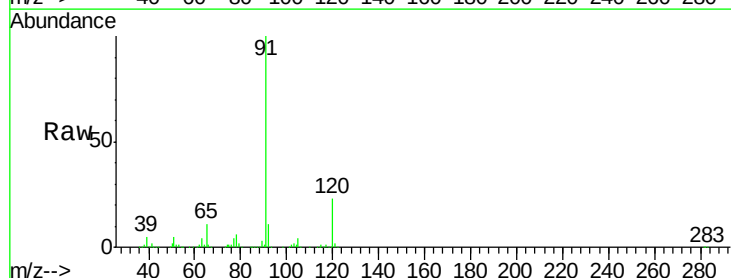
Acq: 30 Jun 2018 22:52

Tgt Ion: 91 Resp: 698288

Ion Ratio Lower Upper

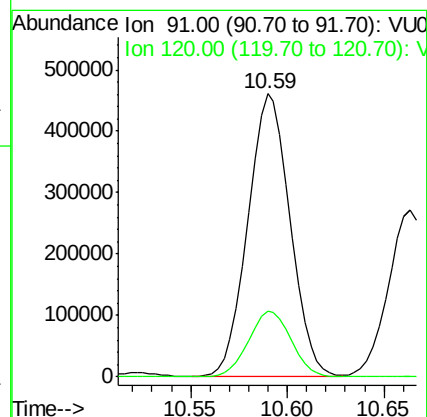
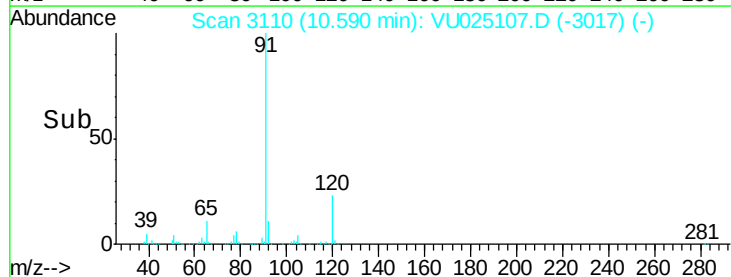
91 100

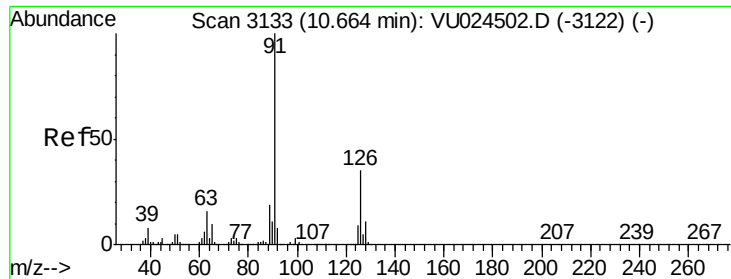
120 23.5 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 52.313 ug/l

RT: 10.66 min Scan# 3133

Delta R.T. 0.00 min

Lab File: VU025107.D

Acq: 30 Jun 2018 22:52

Instrument :

MSVOA_U

ClientSampleId :

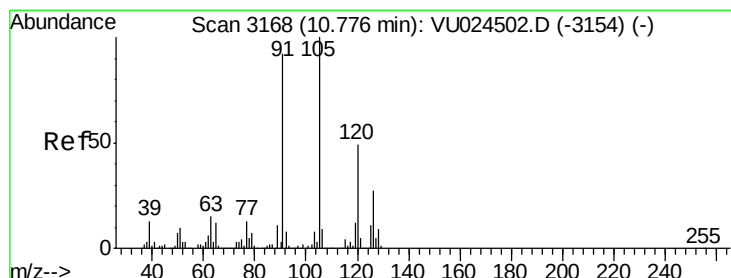
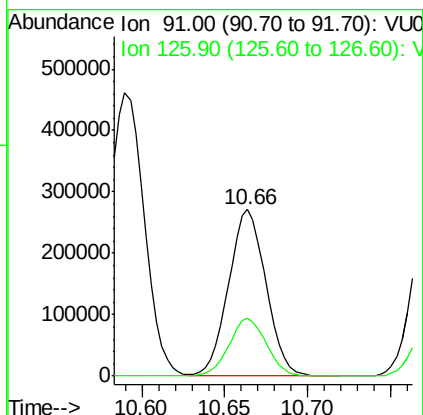
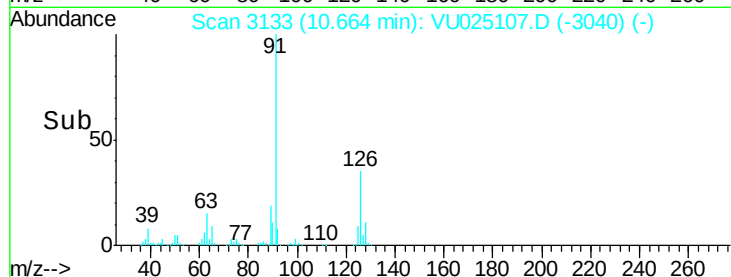
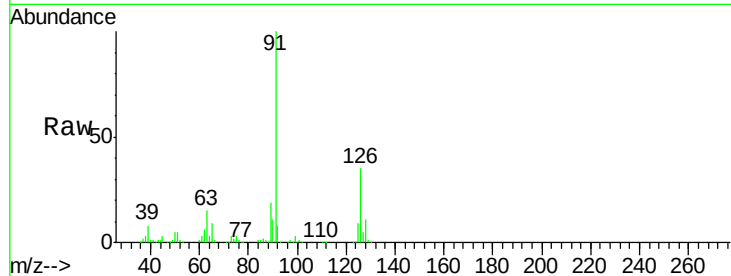
VSTDCCC050EC

Tgt Ion: 91 Resp: 422766

Ion Ratio Lower Upper

91 100

126 34.8 16.9 50.7



#80

1,3,5-Trimethylbenzene

Concen: 52.936 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU025107.D

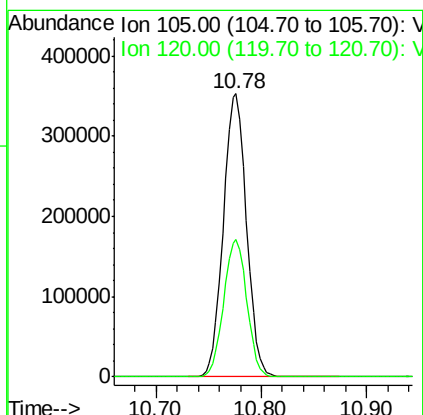
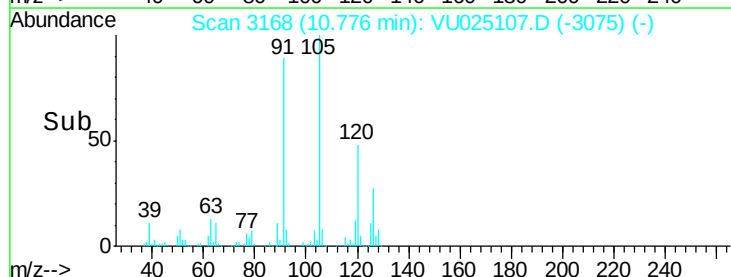
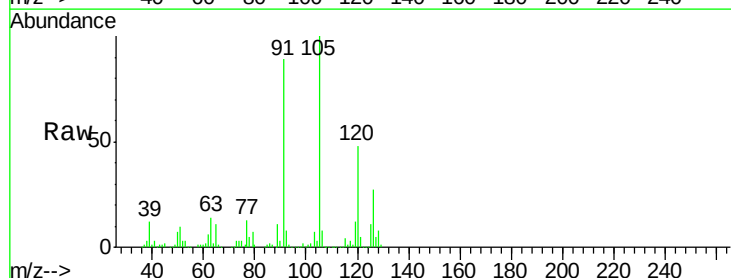
Acq: 30 Jun 2018 22:52

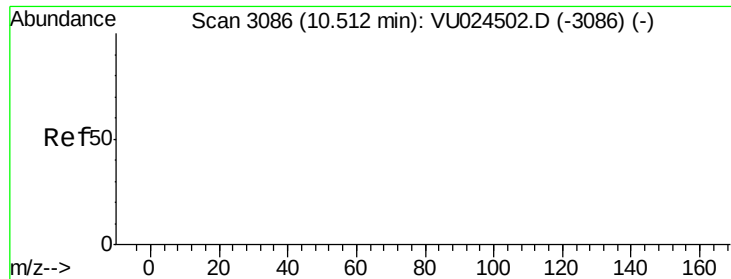
Tgt Ion: 105 Resp: 533763

Ion Ratio Lower Upper

105 100

120 48.6 24.1 72.2

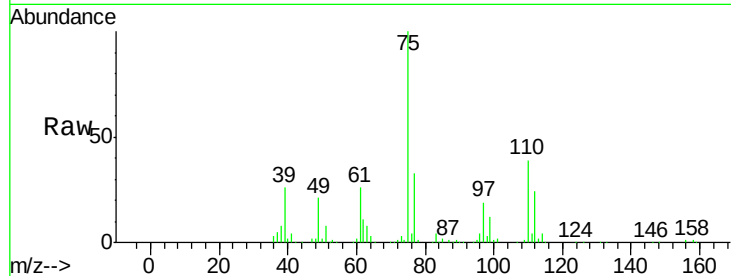




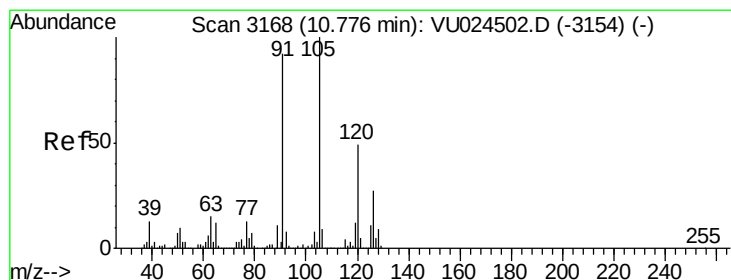
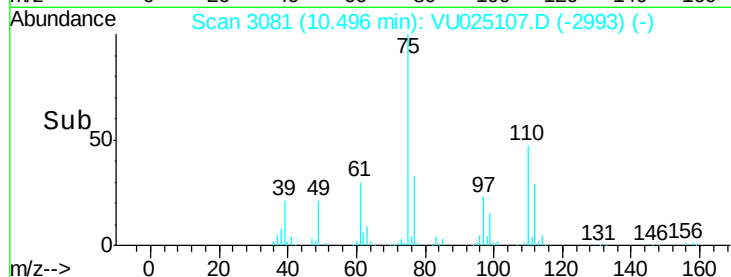
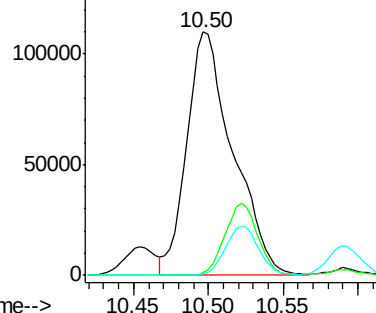
#81
trans-1,4-Dichloro-2-butene
Concen: 163.906 ug/l
RT: 10.50 min Scan# 3081
Delta R.T. -0.02 min
Lab File: VU025107.D
Acq: 30 Jun 2018 22:52

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 236254
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0

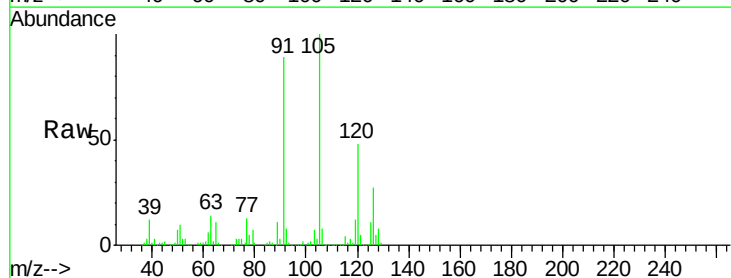


Abundance Ion 74.90 (74.60 to 75.60): VU0
Ion 53.00 (52.70 to 53.70): VU0
Ion 88.90 (88.60 to 89.60): VU0

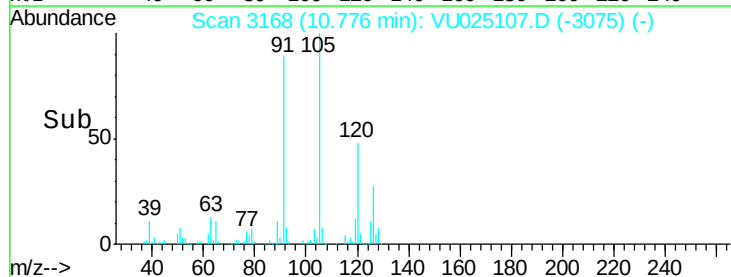
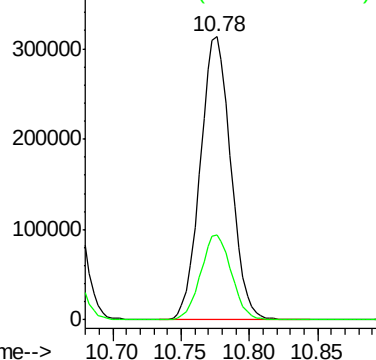


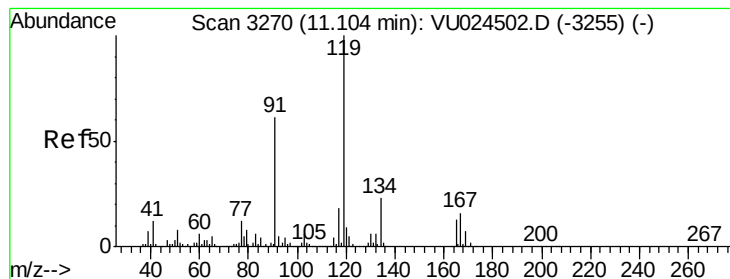
#82
4-Chlorotoluene
Concen: 51.733 ug/l
RT: 10.78 min Scan# 3168
Delta R.T. 0.00 min
Lab File: VU025107.D
Acq: 30 Jun 2018 22:52

Tgt Ion: 91 Resp: 486601
Ion Ratio Lower Upper
91 100
126 30.0 14.9 44.9



Abundance Ion 91.00 (90.70 to 91.70): VU0
Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 54.336 ug/l

RT: 11.10 min Scan# 3270

Delta R.T. -0.00 min

Lab File: VU025107.D

Acq: 30 Jun 2018 22:52

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

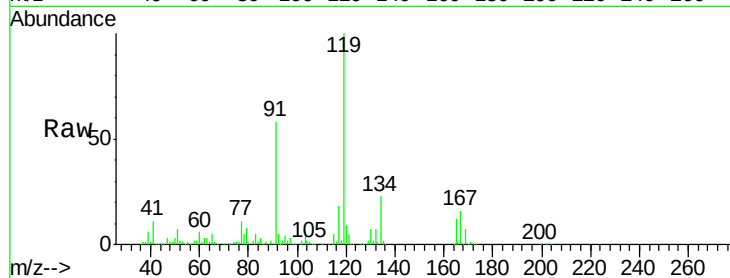
Tgt Ion:119 Resp: 527019

Ion Ratio Lower Upper

119 100

91 59.5 29.7 89.1

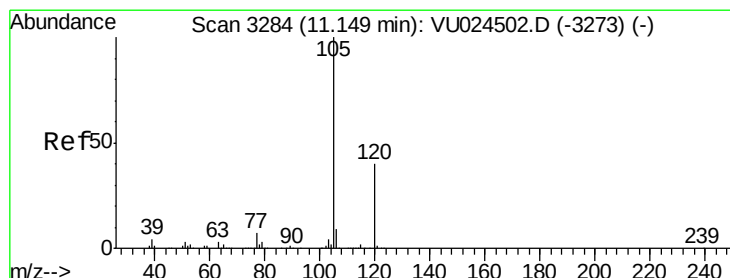
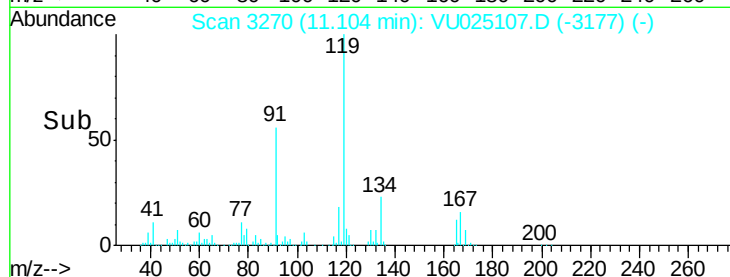
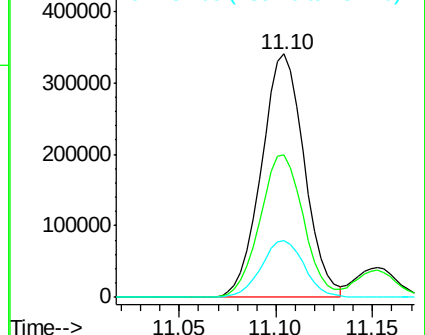
134 23.3 11.6 34.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 52.407 ug/l

RT: 11.15 min Scan# 3285

Delta R.T. 0.00 min

Lab File: VU025107.D

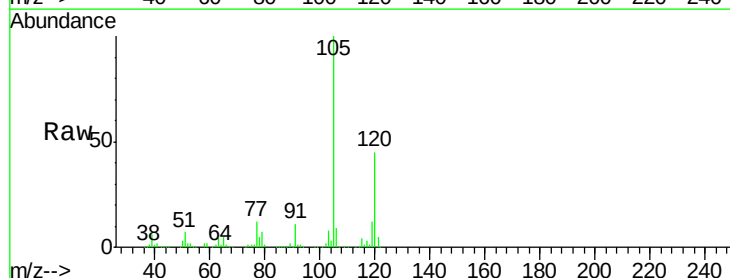
Acq: 30 Jun 2018 22:52

Tgt Ion:105 Resp: 538516

Ion Ratio Lower Upper

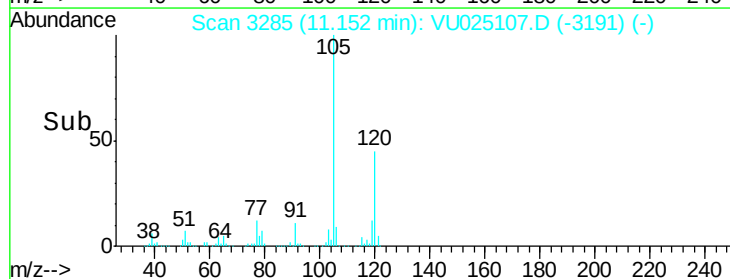
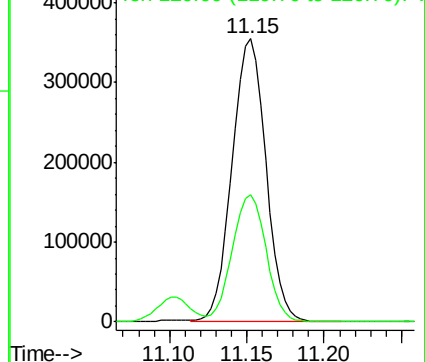
105 100

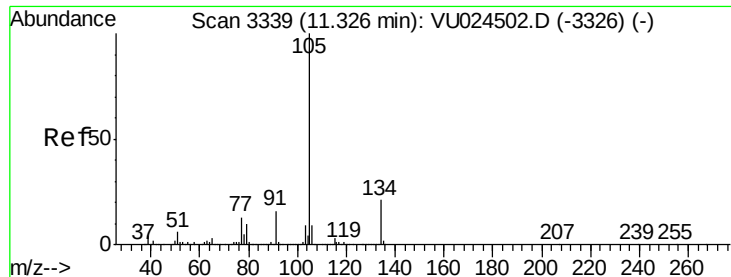
120 45.1 22.6 67.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 51.867 ug/l

RT: 11.33 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VU025107.D

Acq: 30 Jun 2018 22:52

Instrument :

MSVOA_U

ClientSampleId :

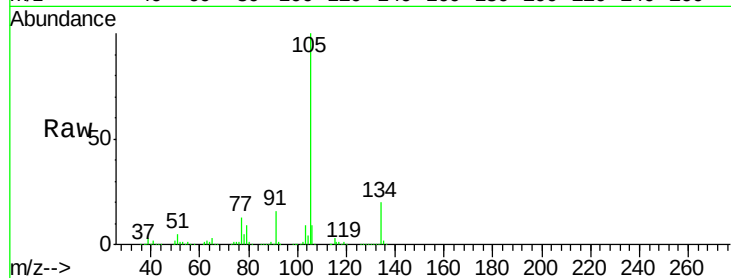
VSTDCCC050EC

Tgt Ion:105 Resp: 629718

Ion Ratio Lower Upper

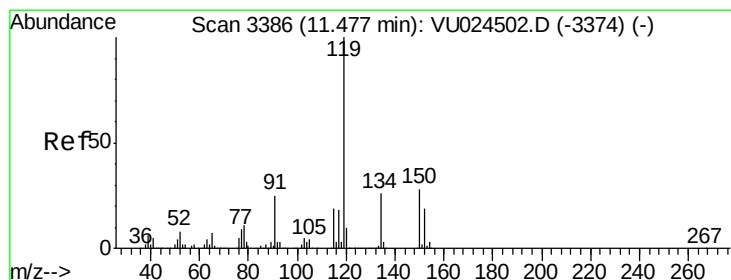
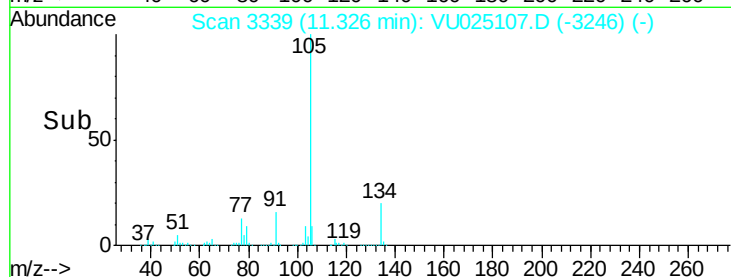
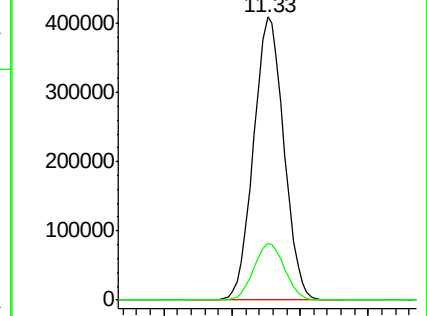
105 100

134 20.4 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.592 ug/l

RT: 11.48 min Scan# 3386

Delta R.T. -0.00 min

Lab File: VU025107.D

Acq: 30 Jun 2018 22:52

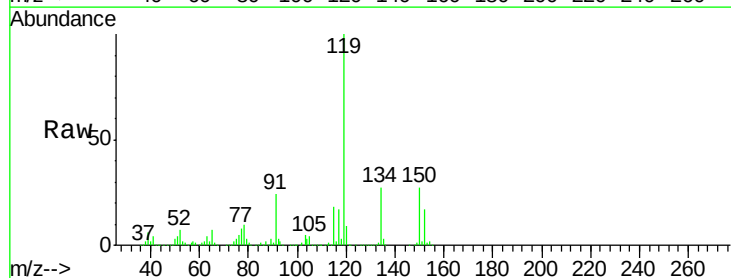
Tgt Ion:119 Resp: 550116

Ion Ratio Lower Upper

119 100

134 26.8 12.9 38.6

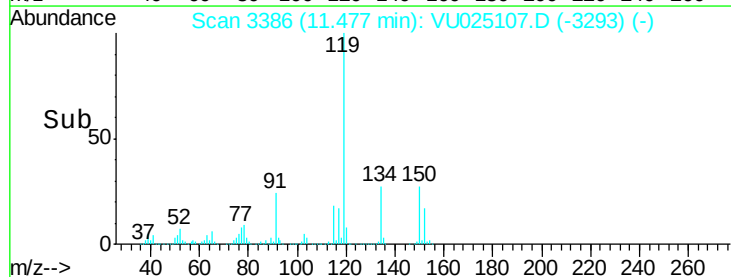
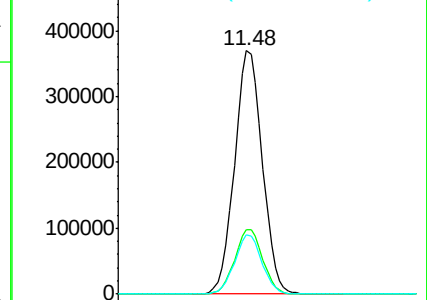
91 24.2 12.0 36.1

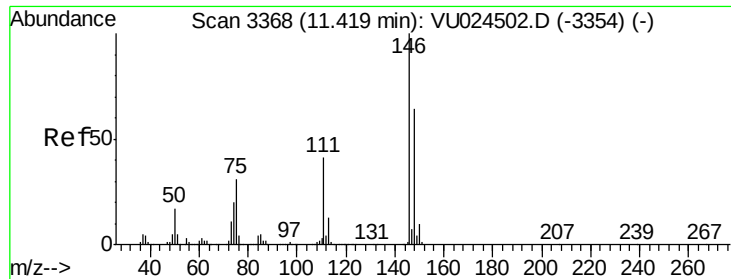


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VU0

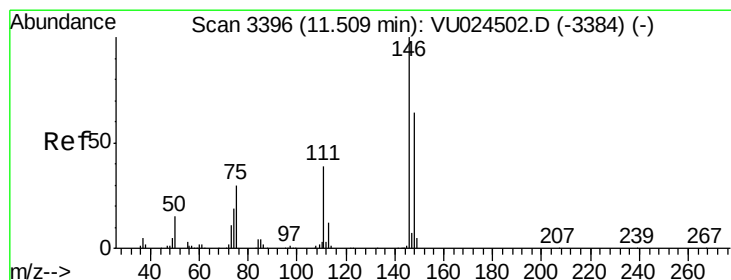
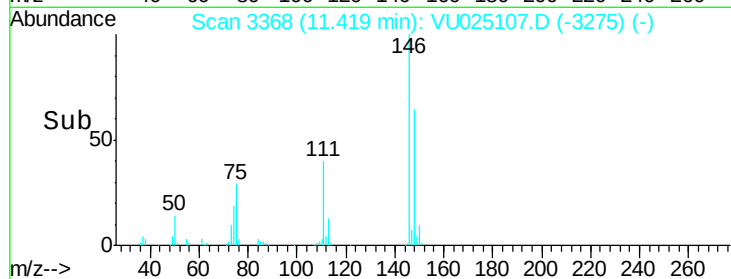
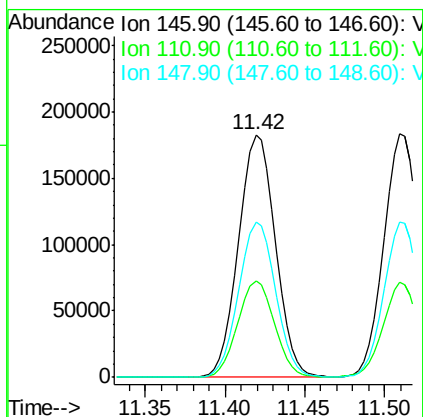
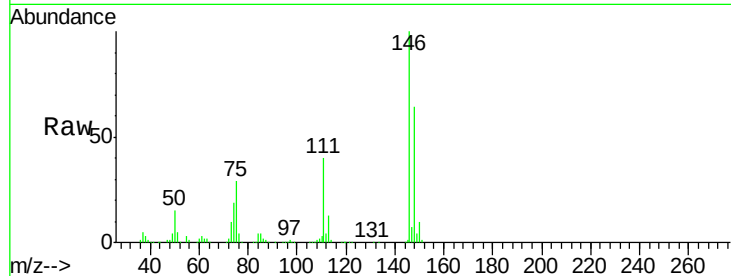




#87
 1,3-Dichlorobenzene
 Concen: 52.826 ug/l
 RT: 11.42 min Scan# 3368
 Delta R.T. -0.00 min
 Lab File: VU025107.D
 Acq: 30 Jun 2018 22:52

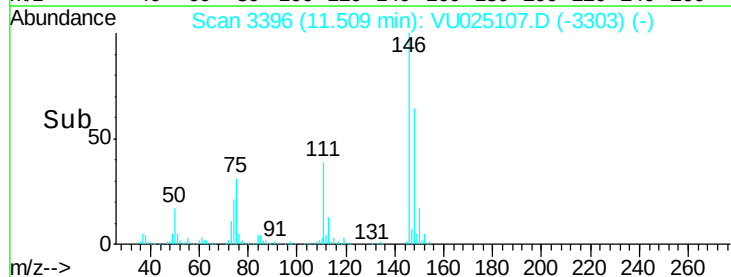
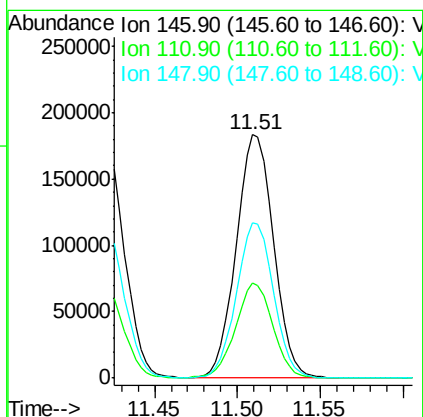
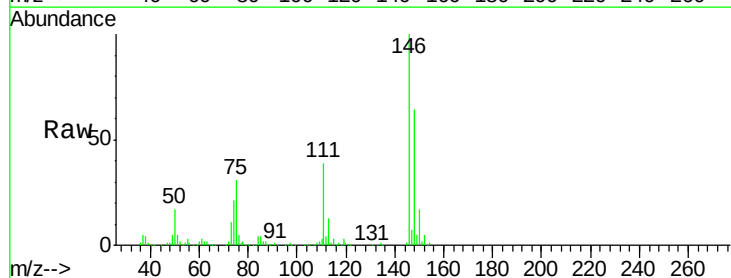
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

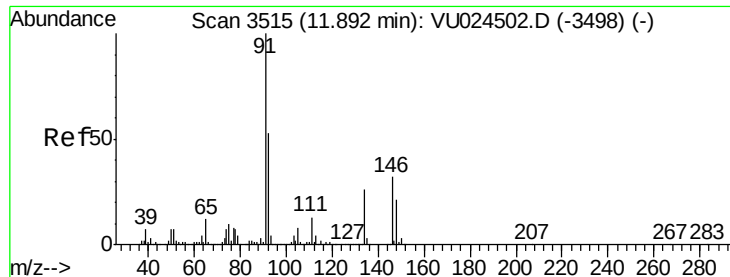
Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.7	20.0	60.0
148	63.9	32.1	96.5



#88
 1,4-Dichlorobenzene
 Concen: 52.374 ug/l
 RT: 11.51 min Scan# 3396
 Delta R.T. -0.00 min
 Lab File: VU025107.D
 Acq: 30 Jun 2018 22:52

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.3	19.5	58.5
148	63.9	32.4	97.0





#89

n-Butylbenzene

Concen: 45.354 ug/l

RT: 11.89 min Scan# 3515

Delta R.T. -0.00 min

Lab File: VU025107.D

Acq: 30 Jun 2018 22:52

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

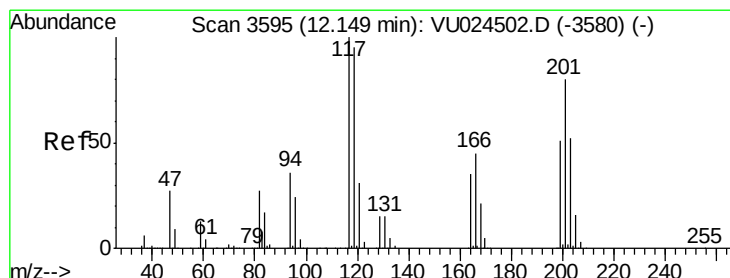
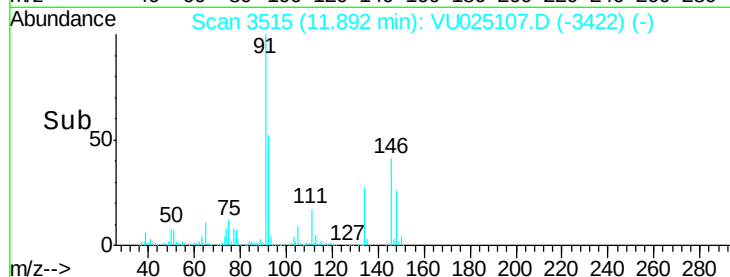
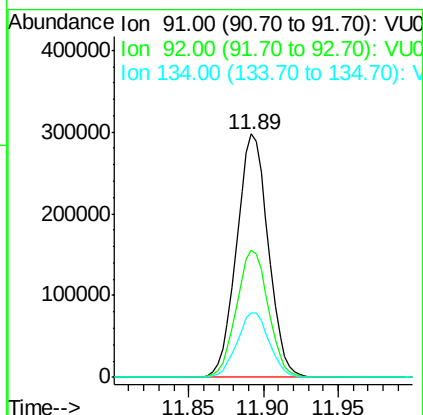
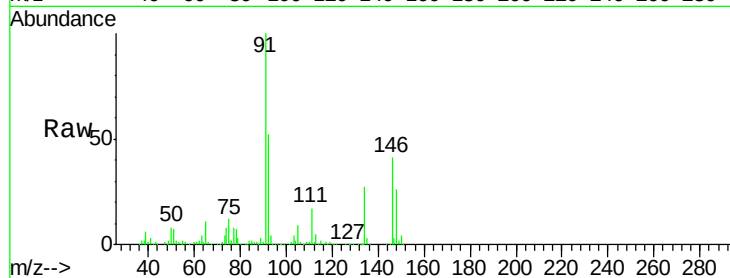
Tgt Ion: 91 Resp: 437831

Ion Ratio Lower Upper

91 100

92 52.8 25.6 76.8

134 27.0 12.3 36.8



#90

Hexachloroethane

Concen: 46.300 ug/l

RT: 12.15 min Scan# 3595

Delta R.T. -0.00 min

Lab File: VU025107.D

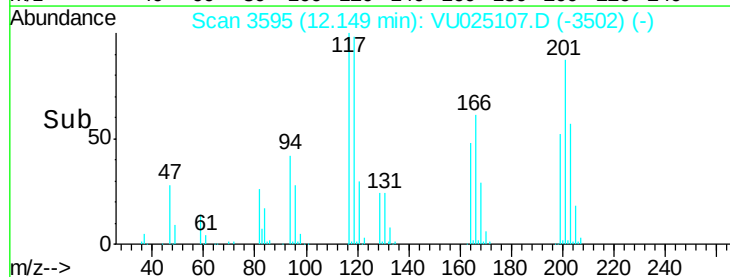
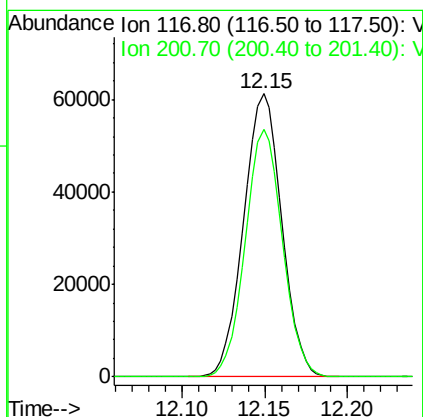
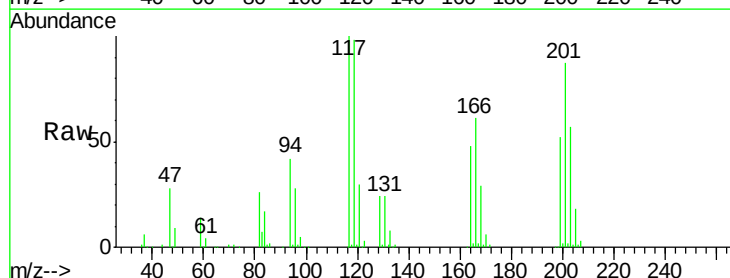
Acq: 30 Jun 2018 22:52

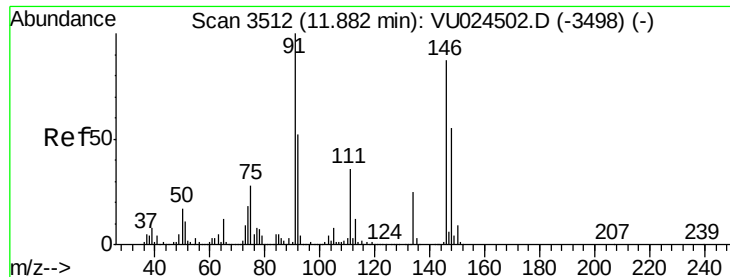
Tgt Ion: 117 Resp: 98210

Ion Ratio Lower Upper

117 100

201 85.4 41.1 123.3

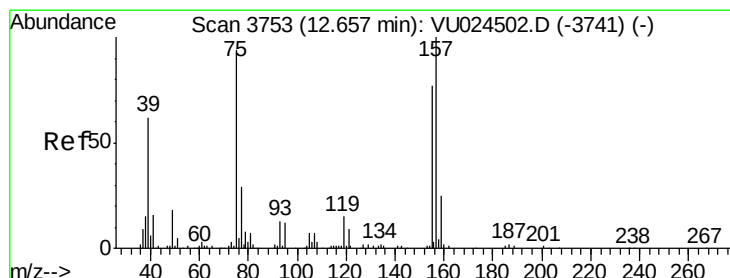
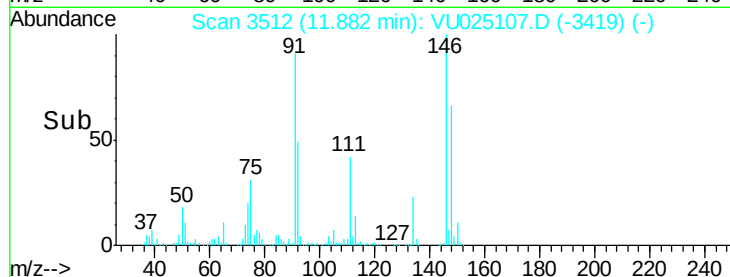
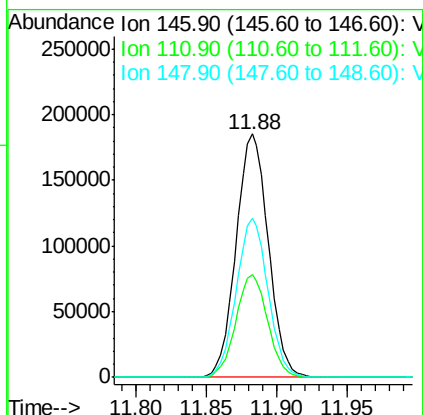
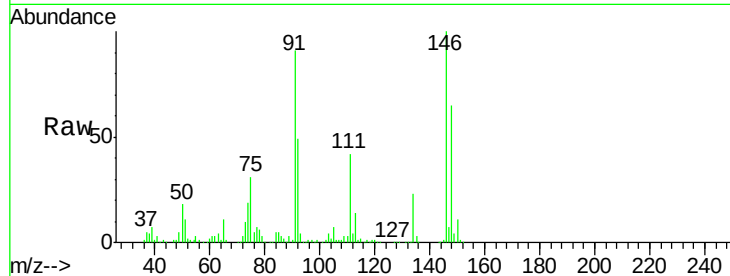




#91
 1,2-Dichlorobenzene
 Concen: 54.363 ug/l
 RT: 11.88 min Scan# 3512
 Delta R.T. 0.00 min
 Lab File: VU025107.D
 Acq: 30 Jun 2018 22:52

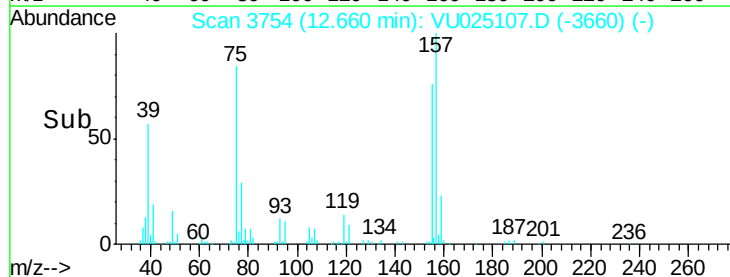
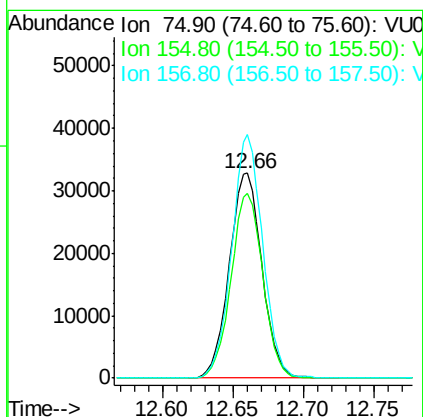
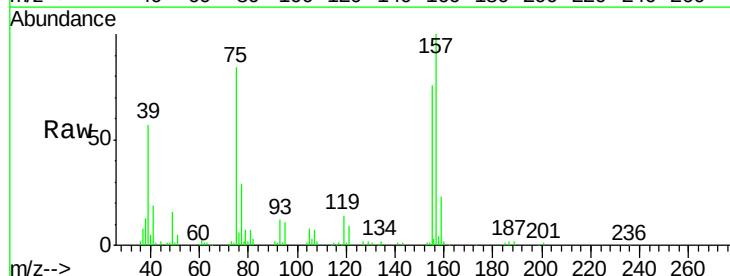
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

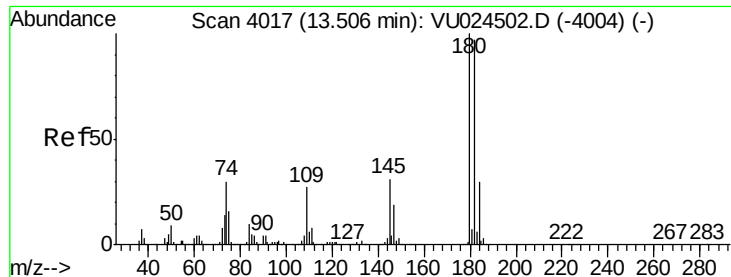
Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.6	20.5	61.6
148	64.4	31.9	95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.338 ug/l
 RT: 12.66 min Scan# 3754
 Delta R.T. 0.00 min
 Lab File: VU025107.D
 Acq: 30 Jun 2018 22:52

Tgt Ion	Ratio	Lower	Upper
75	100		
155	87.9	40.4	121.2
157	112.7	52.3	156.8

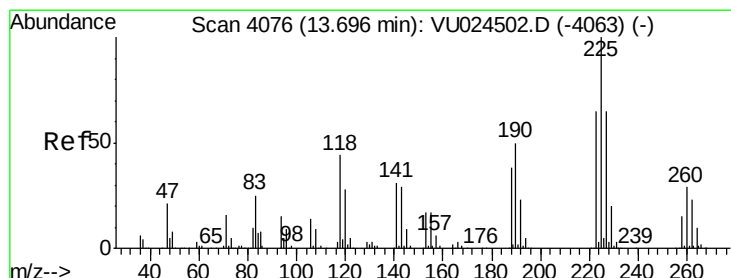
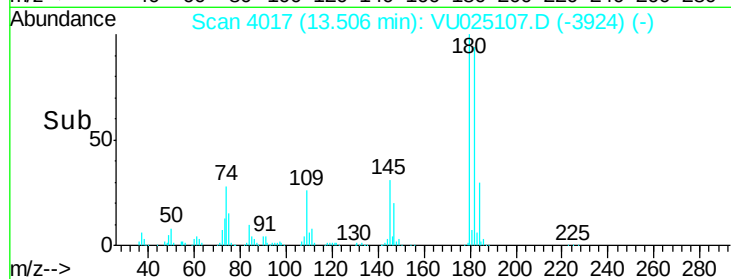
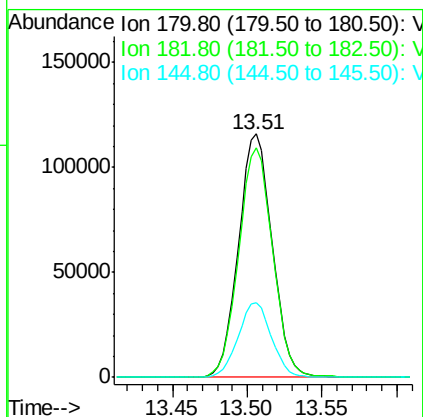
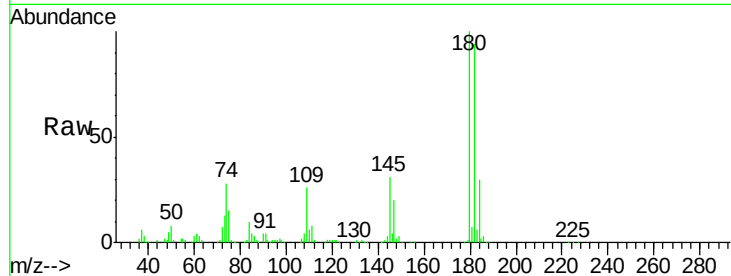




#93
 1,2,4-Trichlorobenzene
 Concen: 53.962 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. -0.00 min
 Lab File: VU025107.D
 Acq: 30 Jun 2018 22:52

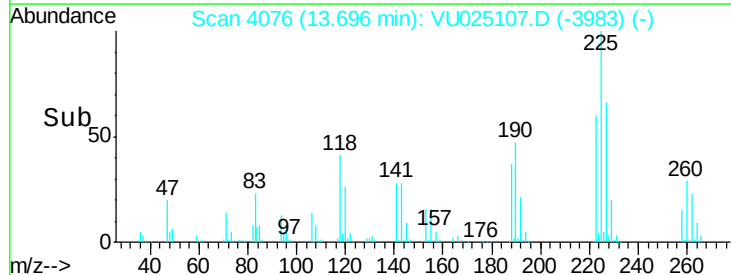
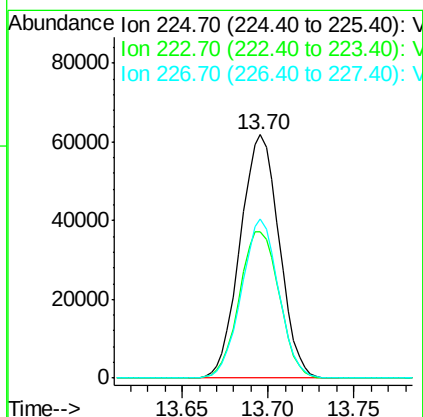
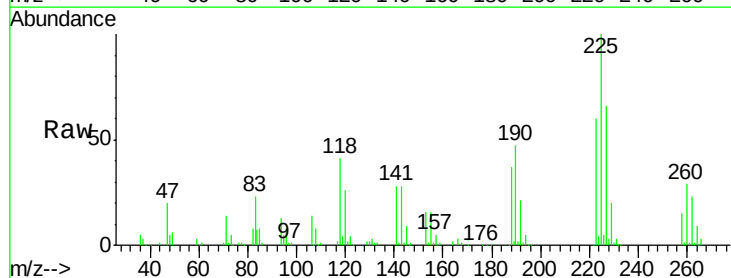
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

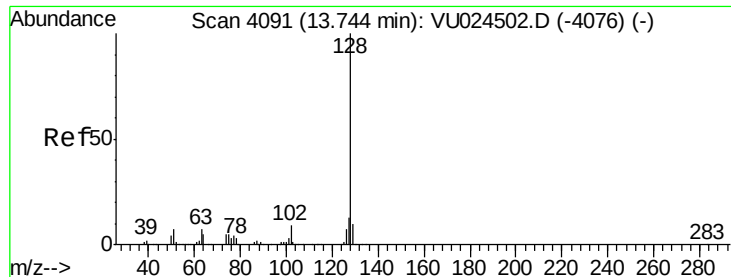
Tgt Ion:180 Resp: 181610
 Ion Ratio Lower Upper
 180 100
 182 95.3 48.0 144.2
 145 30.4 14.7 44.1



#94
 Hexachlorobutadiene
 Concen: 51.249 ug/l
 RT: 13.70 min Scan# 4076
 Delta R.T. -0.00 min
 Lab File: VU025107.D
 Acq: 30 Jun 2018 22:52

Tgt Ion:225 Resp: 97080
 Ion Ratio Lower Upper
 225 100
 223 61.6 31.3 93.8
 227 62.4 31.8 95.4

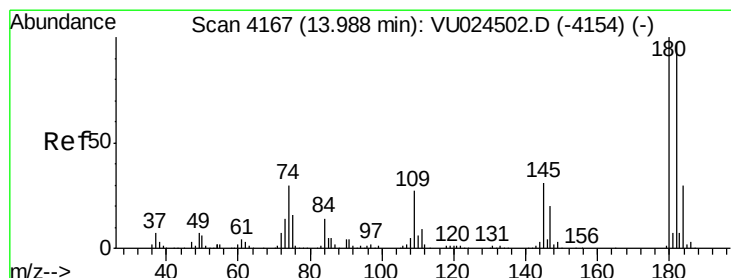
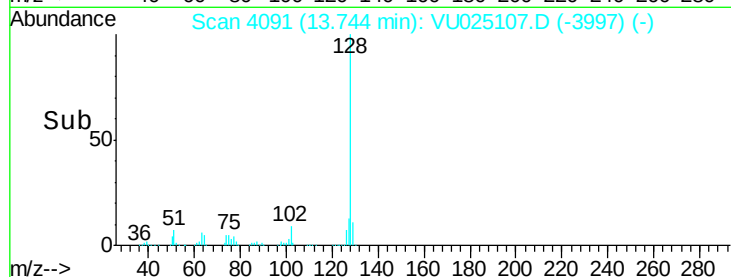
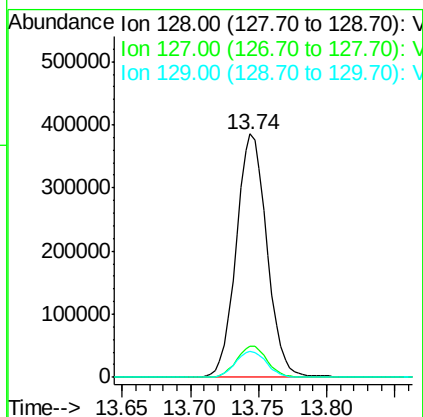
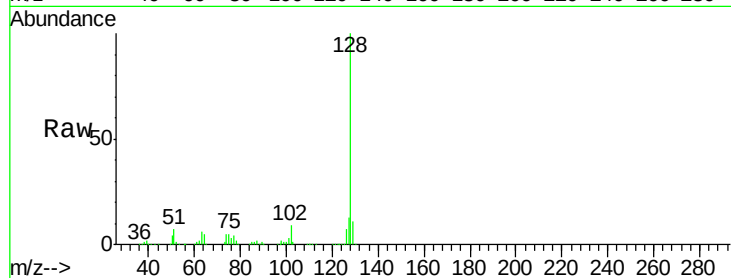




#95
Naphthalene
Concen: 53.873 ug/l
RT: 13.74 min Scan# 4091
Delta R.T. 0.00 min
Lab File: VU025107.D
Acq: 30 Jun 2018 22:52

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 600822
Ion Ratio Lower Upper
128 100
127 12.8 10.6 16.0
129 10.8 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 57.407 ug/l
RT: 13.99 min Scan# 4167
Delta R.T. -0.00 min
Lab File: VU025107.D
Acq: 30 Jun 2018 22:52

Tgt Ion:180 Resp: 192516
Ion Ratio Lower Upper
180 100
182 95.4 47.9 143.7
145 32.2 15.4 46.1

