

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U070518\
 Data File : VU025230.D
 Acq On : 05 Jul 2018 21:07
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 06 05:20:04 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	169691	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	257296	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	243208	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	149828	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.31	65	116076	41.90	ug/l	0.00
Spiked Amount			Recovery	=	83.80%	
35) Dibromofluoromethane	4.89	113	98153	45.97	ug/l	0.00
Spiked Amount			Recovery	=	91.94%	
50) Toluene-d8	7.57	98	300160	38.54	ug/l	0.00
Spiked Amount			Recovery	=	77.08%	
62) 4-Bromofluorobenzene	10.31	95	136043	43.99	ug/l	0.00
Spiked Amount			Recovery	=	87.98%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	85441	40.23	ug/l	98
3) Chloromethane	1.33	50	96487	44.46	ug/l	99
4) Vinyl Chloride	1.40	62	101282	45.26	ug/l	97
5) Bromomethane	1.61	94	58640	54.21	ug/l	100
6) Chloroethane	1.69	64	66751	53.45	ug/l	98
7) Trichlorofluoromethane	1.88	101	168224	49.26	ug/l	97
8) Diethyl Ether	2.10	74	62985	54.36	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	2.28	101	101486	47.90	ug/l	97
10) Methyl Iodide	2.41	142	114079	62.18	ug/l	97
11) Tert butyl alcohol	2.83	59	192509	285.73	ug/l	100
12) 1,1-Dichloroethene	2.28	96	94453	48.88	ug/l	94
13) Acrolein	2.19	56	25136	71.05	ug/l	95
14) Allyl chloride	2.59	41	161639	45.06	ug/l	99
15) Acrylonitrile	2.93	53	363982	277.67	ug/l	99
16) Acetone	2.32	43	351952	236.46	ug/l	98
17) Carbon Disulfide	2.47	76	250587	40.50	ug/l	100
18) Methyl Acetate	2.62	43	229875	72.04	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	386342	53.19	ug/l	95
20) Methylene Chloride	2.70	84	117498	50.31	ug/l	96
21) trans-1,2-Dichloroethene	2.98	96	103557	48.66	ug/l	99
22) Diisopropyl ether	3.57	45	368910	51.87	ug/l	97
23) Vinyl Acetate	3.53	43	1546985	242.83	ug/l	99
24) 1,1-Dichloroethane	3.45	63	211794	51.77	ug/l	99
25) 2-Butanone	4.26	43	534610	267.40	ug/l	97
26) 2,2-Dichloropropane	4.23	77	160051	41.20	ug/l	98
27) cis-1,2-Dichloroethene	4.23	96	132148	54.01	ug/l	97
28) Bromochloromethane	4.55	49	78827	43.74	ug/l	88
29) Tetrahydrofuran	4.63	42	334810	270.42	ug/l	96
30) Chloroform	4.68	83	220439	53.23	ug/l	99
31) Cyclohexane	5.00	56	180013	49.53	ug/l	95
32) 1,1,1-Trichloroethane	4.92	97	199165	52.01	ug/l	96
36) 1,1-Dichloropropene	5.14	75	153197	50.67	ug/l	98
37) Ethyl Acetate	4.38	43	185549	56.31	ug/l	98
38) Carbon Tetrachloride	5.14	117	175294	52.72	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	185900	49.27	ug/l	93
40) Benzene	5.39	78	454797	52.79	ug/l	100
41) Methacrylonitrile	4.54	41	106983	60.21	ug/l	99
42) 1,2-Dichloroethane	5.41	62	187851	57.25	ug/l	99
43) Isopropyl Acetate	5.55	43	302120	53.04	ug/l	99
44) Trichloroethene	6.19	130	133810	54.58	ug/l	94
45) 1,2-Dichloropropane	6.44	63	123225	53.61	ug/l	98
46) Dibromomethane	6.56	93	88488	54.80	ug/l	94
47) Bromodichloromethane	6.76	83	171769	53.42	ug/l	99
48) Methyl methacrylate	6.63	41	153779	55.44	ug/l	99
49) 1,4-Dioxane	6.62	88	76237	1405.49	ug/l	95
51) 4-Methyl-2-Pentanone	7.46	43	1017395	284.30	ug/l	98
52) Toluene	7.64	92	293307	52.92	ug/l	100
53) t-1,3-Dichloropropene	7.88	75	181873	50.37	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	190586	49.54	ug/l	99
55) 1,1,2-Trichloroethane	8.07	97	122616	54.42	ug/l	98
56) Ethyl methacrylate	8.02	69	197459	52.36	ug/l	99
57) 1,3-Dichloropropane	8.25	76	209422	55.10	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	394668	273.19	ug/l	95
59) 2-Hexanone	8.36	43	819974	280.66	ug/l	99
60) Dibromochloromethane	8.48	129	142910	50.87	ug/l	100
61) 1,2-Dibromoethane	8.59	107	137307	54.75	ug/l	100
64) Tetrachloroethene	8.23	164	116058	50.20	ug/l	97
65) Chlorobenzene	9.12	112	338963	54.56	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.21	131	128815	54.57	ug/l	97
67) Ethyl Benzene	9.25	91	585521	53.76	ug/l	98
68) m/p-Xylenes	9.38	106	452588	108.21	ug/l	98
69) o-Xylene	9.78	106	227744	55.02	ug/l	95
70) Styrene	9.80	104	365798	53.78	ug/l	99
71) Bromoform	9.96	173	111435	49.67	ug/l #	100
73) Isopropylbenzene	10.17	105	608068	52.86	ug/l	99
74) N-amyl acetate	10.01	43	270566	49.45	ug/l	97
75) 1,1,2,2-Tetrachloroethane	10.46	83	215549	55.92	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	252106	76.43	ug/l	82
77) Bromobenzene	10.45	156	160804	55.22	ug/l	92
78) n-propylbenzene	10.59	91	684514	50.52	ug/l	96
79) 2-Chlorotoluene	10.66	91	420579	52.63	ug/l	99
80) 1,3,5-Trimethylbenzene	10.78	105	526469	52.80	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.50	75	252106	176.88	ug/l #	100
82) 4-Chlorotoluene	10.78	91	481684	51.79	ug/l	99
83) tert-Butylbenzene	11.10	119	525999	54.84	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	534769	52.63	ug/l	100
85) sec-Butylbenzene	11.33	105	624285	52.00	ug/l	97
86) p-Isopropyltoluene	11.48	119	551143	51.26	ug/l	98
87) 1,3-Dichlorobenzene	11.42	146	285927	53.14	ug/l	100
88) 1,4-Dichlorobenzene	11.51	146	286278	52.87	ug/l	99
89) n-Butylbenzene	11.89	91	445361	46.66	ug/l	96
90) Hexachloroethane	12.15	117	96641	46.08	ug/l	94
91) 1,2-Dichlorobenzene	11.88	146	295694	54.87	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	57925	54.46	ug/l	95

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QLast Update : Wed Jun 13 13:55:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	186094	55.92	ug/l	99
94) Hexachlorobutadiene	13.70	225	96926	51.75	ug/l	99
95) Naphthalene	13.74	128	636961	57.71	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	198892	59.98	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VU025230.D

Acq: 05 Jul 2018 21:07

Instrument :

MSVOA_U

ClientSampleId :

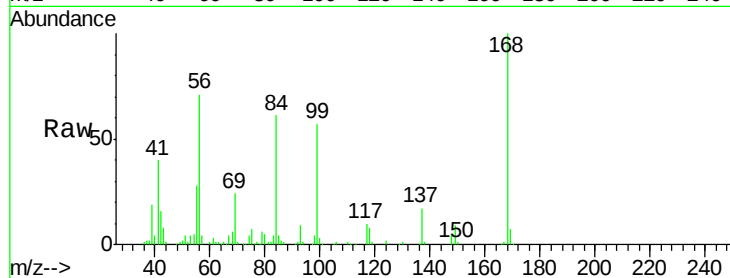
VSTDCCC050EC

Tot Ion:168 Resp: 169691

Ion Ratio Lower Upper

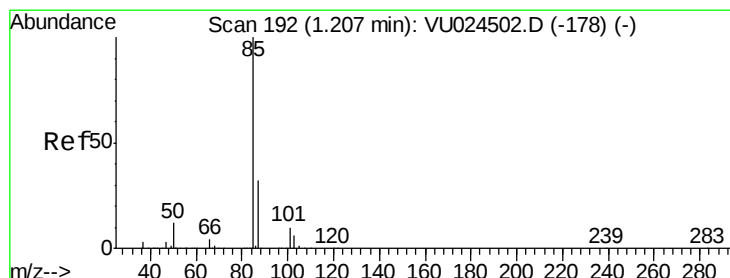
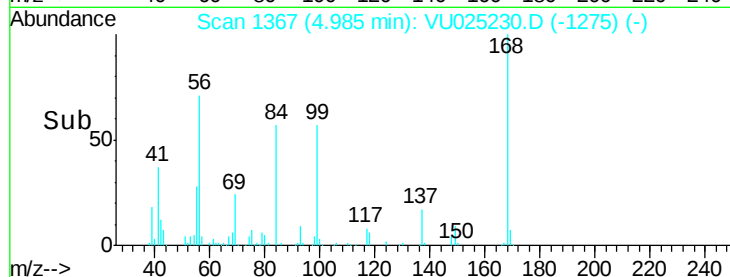
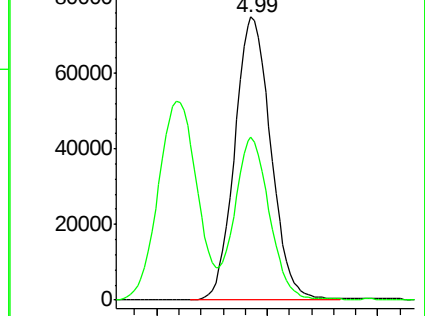
168 100

99 57.0 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): VU025230.D (-1275) (-)

Ion 98.90 (98.60 to 99.60): VU025230.D (-1275) (-)



#2

Dichlorodifluoromethane

Concen: 40.23 ug/l

RT: 1.20 min Scan# 191

Delta R.T. -0.00 min

Lab File: VU025230.D

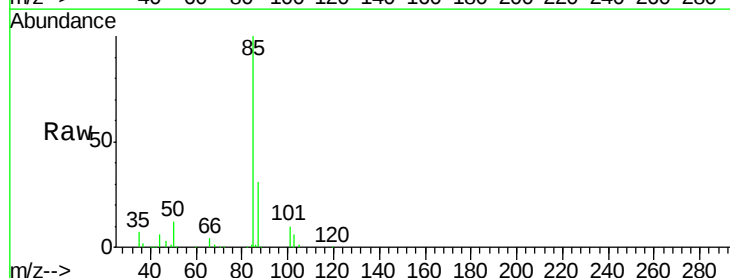
Acq: 05 Jul 2018 21:07

Tgt Ion: 85 Resp: 85441

Ion Ratio Lower Upper

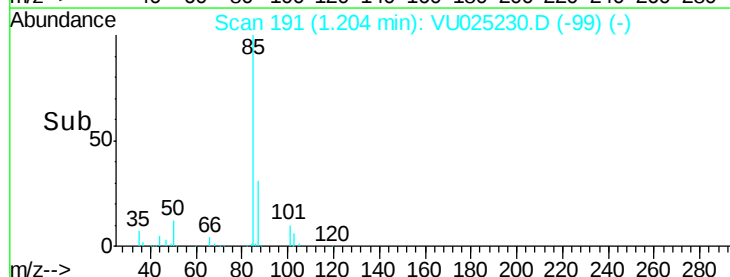
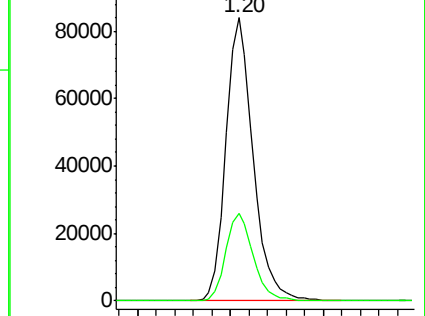
85 100

87 31.1 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VU025230.D (-99) (-)

Ion 86.90 (86.60 to 87.60): VU025230.D (-99) (-)





#3

Chloromethane

Concen: 44.46 ug/l

RT: 1.33 min Scan# 229

Delta R.T. -0.00 min

Lab File: VU025230.D

Acq: 05 Jul 2018 21:07

Instrument :

MSVOA_U

ClientSampleId :

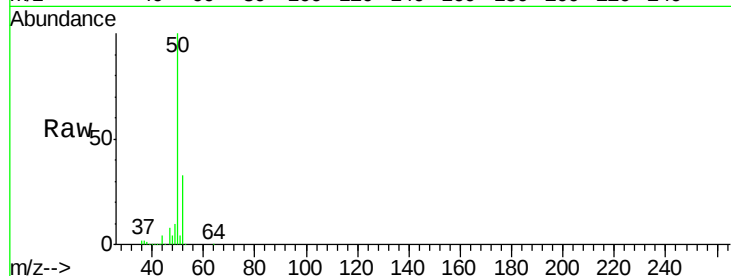
VSTDCCC050EC

Tot Ion: 50 Resp: 96487

Ion Ratio Lower Upper

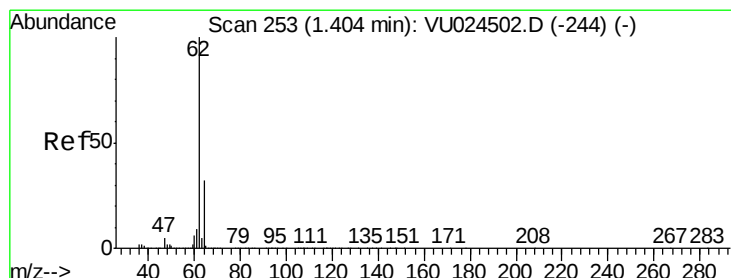
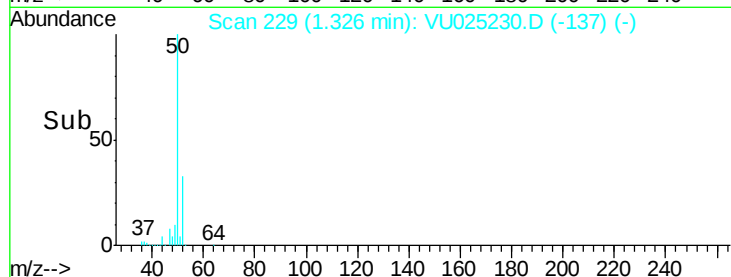
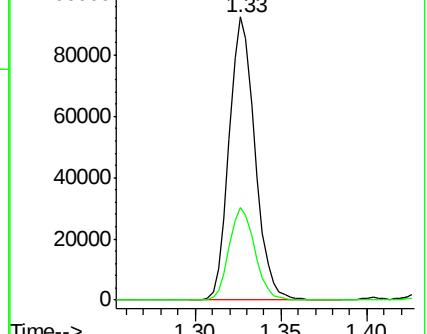
50 100

52 32.6 26.4 39.6



Abundance Ion 49.90 (49.60 to 50.60): VU0

Ion 51.90 (51.60 to 52.60): VU0



#4

Vinyl Chloride

Concen: 45.26 ug/l

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

Lab File: VU025230.D

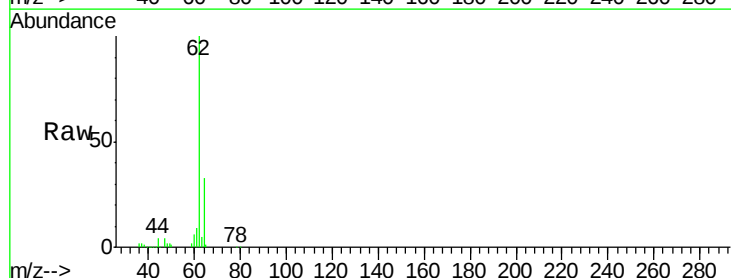
Acq: 05 Jul 2018 21:07

Tgt Ion: 62 Resp: 101282

Ion Ratio Lower Upper

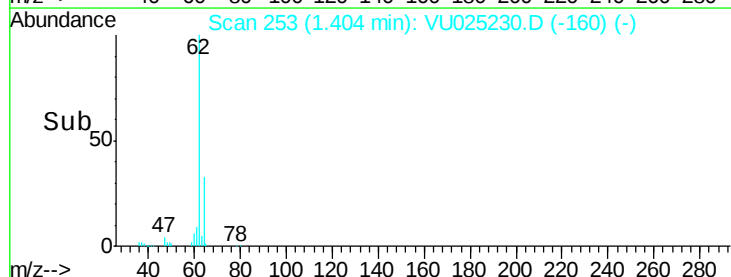
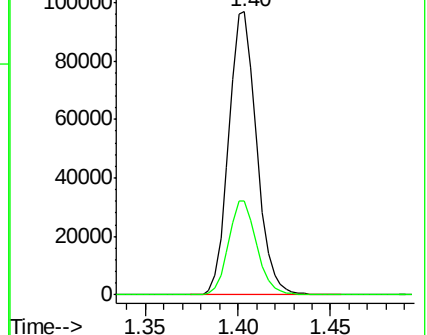
62 100

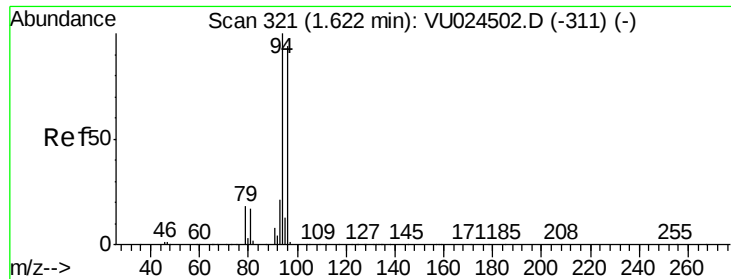
64 32.8 24.8 37.2



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 63.90 (63.60 to 64.60): VU0

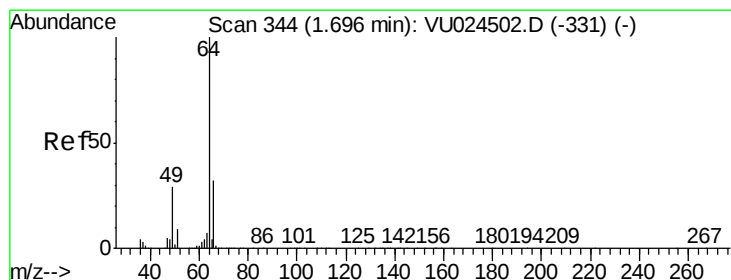
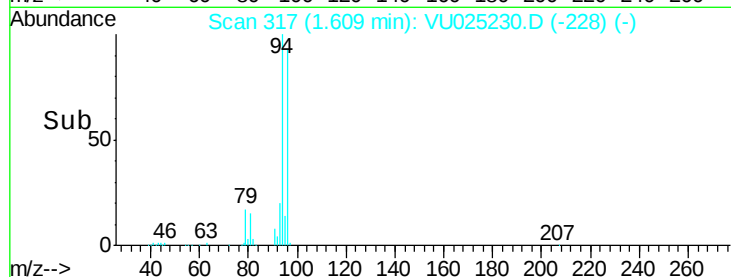
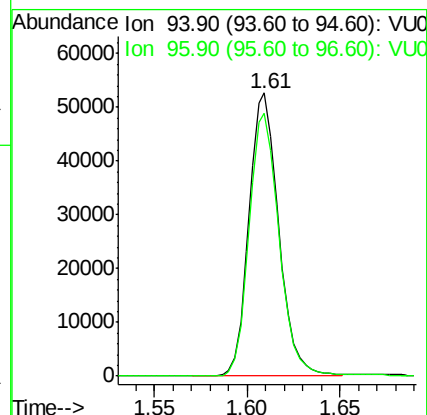
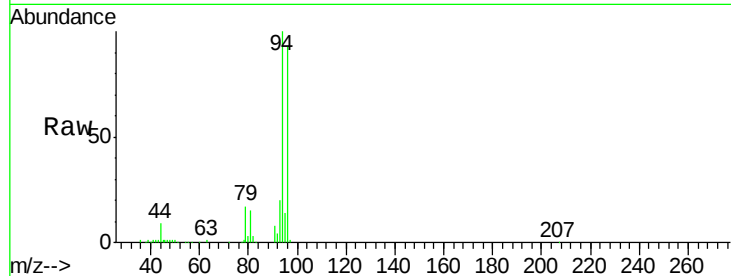




#5
Bromomethane
Concen: 54.21 ug/l
RT: 1.61 min Scan# 317
Delta R.T. -0.01 min
Lab File: VU025230.D
Acq: 05 Jul 2018 21:07

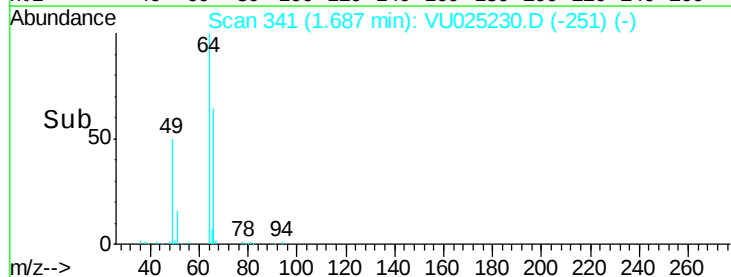
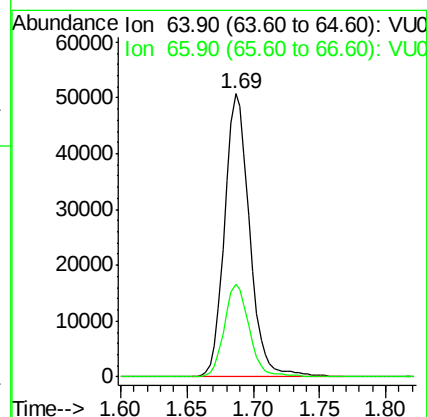
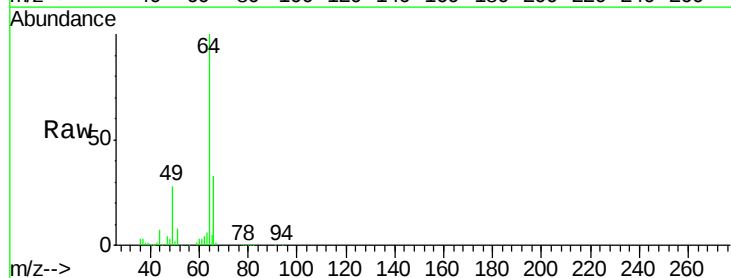
Instrument :
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Tot Ion: 94 Resp: 58640
Ion Ratio Lower Upper
94 100
96 93.0 74.5 111.7



#6
Chloroethane
Concen: 53.45 ug/l
RT: 1.69 min Scan# 341
Delta R.T. -0.01 min
Lab File: VU025230.D
Acq: 05 Jul 2018 21:07

Tgt Ion: 64 Resp: 66751
Ion Ratio Lower Upper
64 100
66 32.7 25.5 38.3



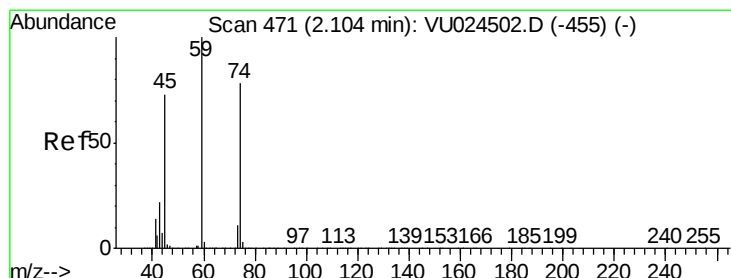
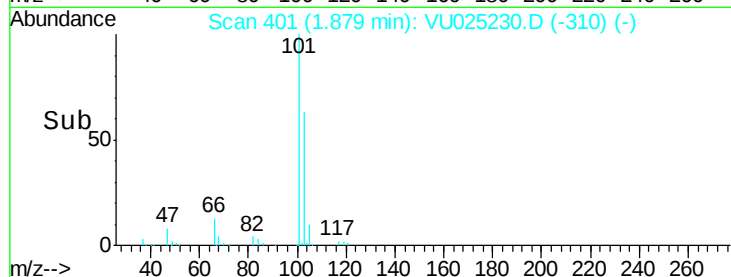
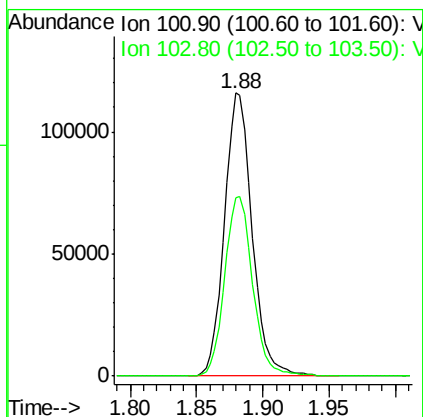
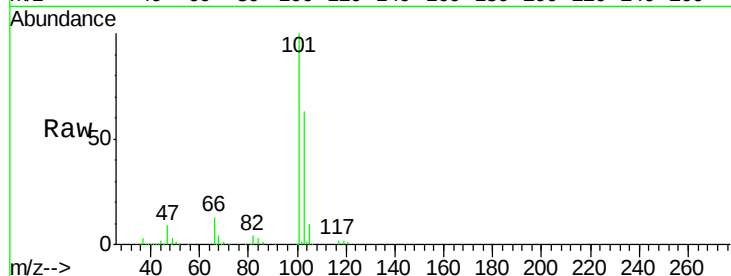


#7

Trichlorofluoromethane
Concen: 49.26 ug/l
RT: 1.88 min Scan# 401
Delta R.T. -0.01 min
Lab File: VU025230.D
Acq: 05 Jul 2018 21:07

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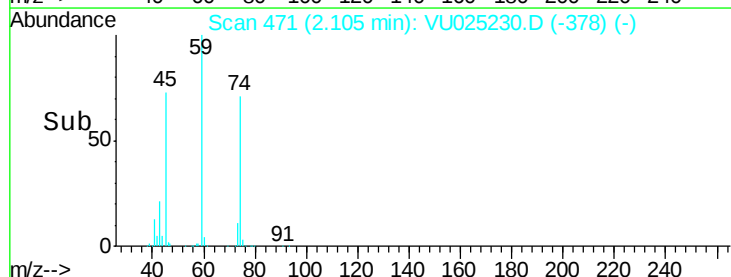
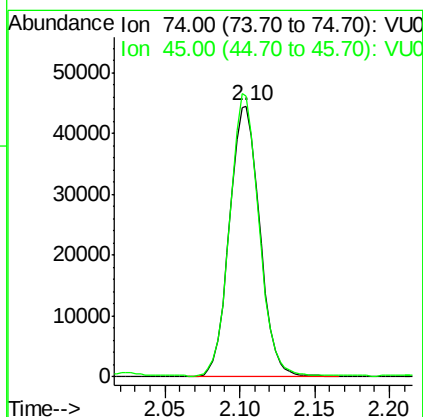
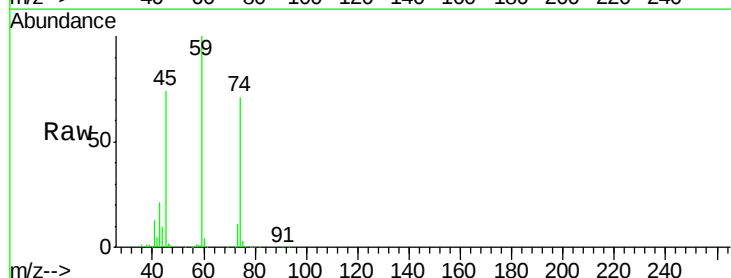
Tot Ion:101 Resp: 168224
Ion Ratio Lower Upper
101 100
103 63.1 52.3 78.5



#8

Diethyl Ether
Concen: 54.36 ug/l
RT: 2.10 min Scan# 471
Delta R.T. 0.00 min
Lab File: VU025230.D
Acq: 05 Jul 2018 21:07

Tgt Ion: 74 Resp: 62985
Ion Ratio Lower Upper
74 100
45 100.0 55.0 165.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.90 ug/l

RT: 2.28 min Scan# 527

Delta R.T. -0.00 min

Lab File: VU025230.D

Acq: 05 Jul 2018 21:07

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

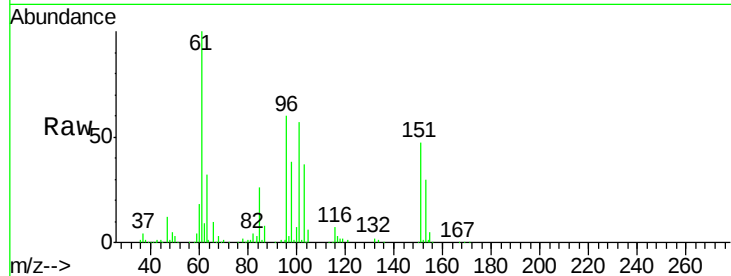
Tot Ion:101 Resp: 101486

Ion Ratio Lower Upper

101 100

85 44.7 36.0 54.0

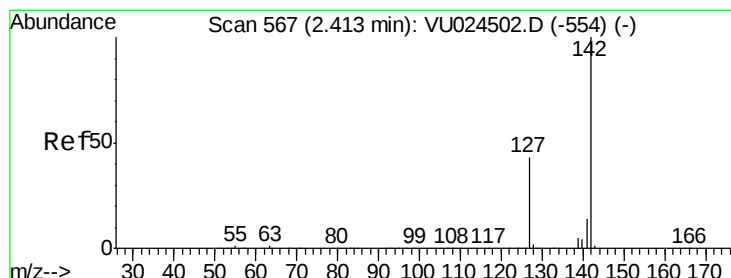
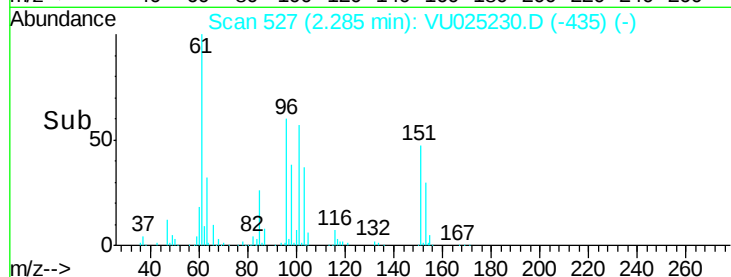
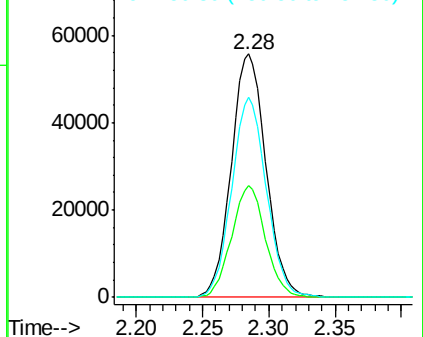
151 81.8 62.3 93.5



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: 62.18 ug/l

RT: 2.41 min Scan# 566

Delta R.T. -0.00 min

Lab File: VU025230.D

Acq: 05 Jul 2018 21:07

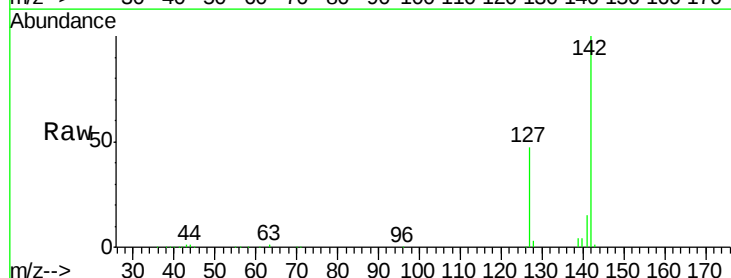
Tgt Ion:142 Resp: 114079

Ion Ratio Lower Upper

142 100

127 46.5 35.6 53.4

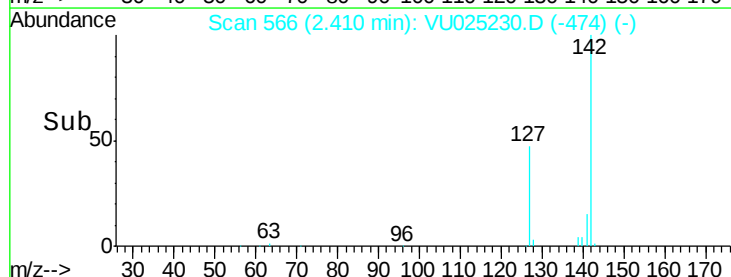
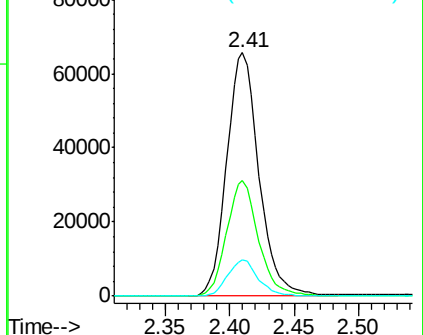
141 14.2 11.7 17.5

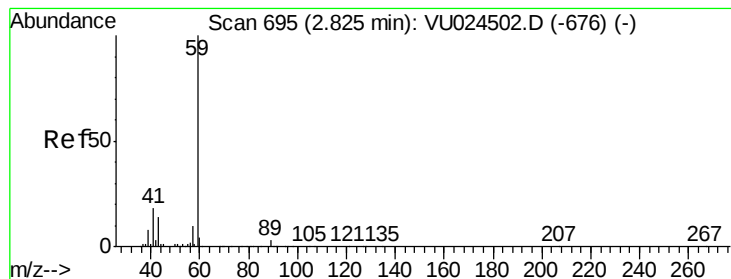


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



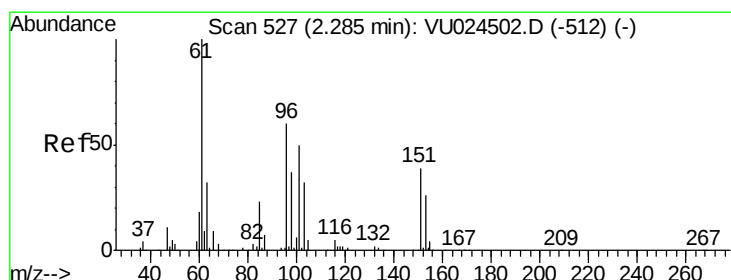
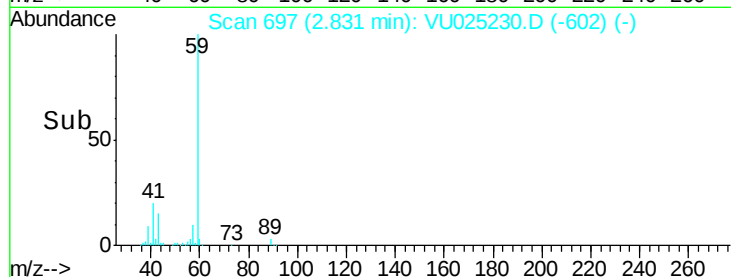
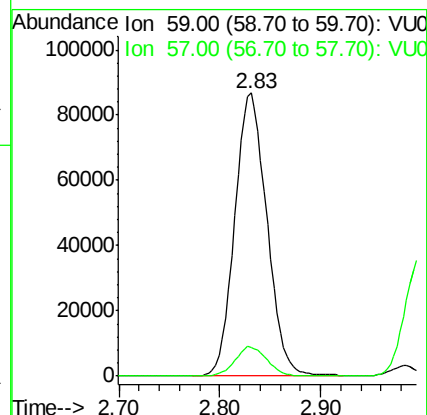
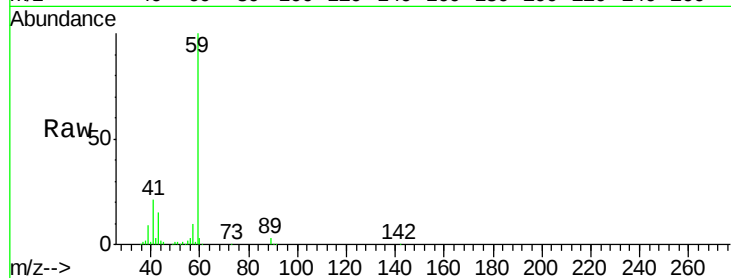


#11

Tert butyl alcohol
 Concen: 285.73 ug/l
 RT: 2.83 min Scan# 697
 Delta R.T. 0.01 min
 Lab File: VU025230.D
 Acq: 05 Jul 2018 21:07

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

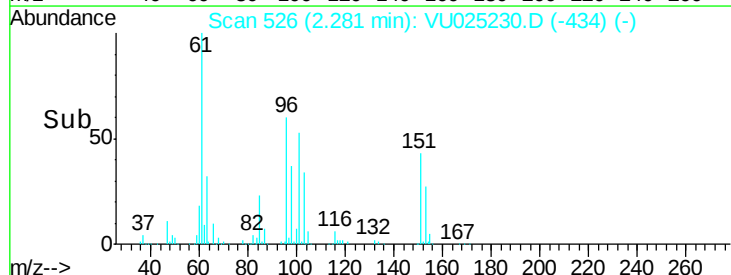
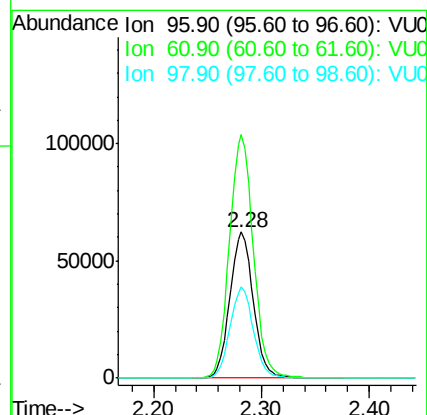
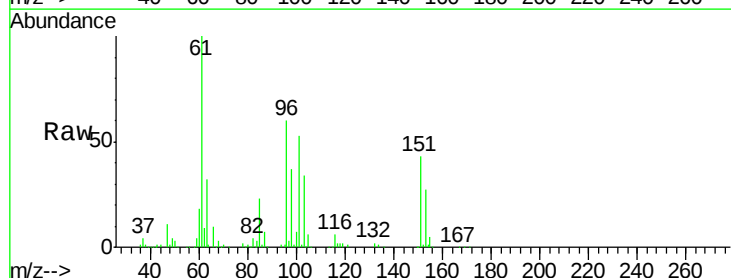
Tot Ion: 59 Resp: 192509
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.5 12.7

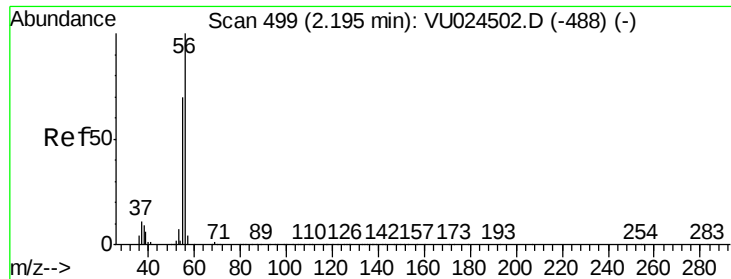


#12

1,1-Dichloroethene
 Concen: 48.88 ug/l
 RT: 2.28 min Scan# 526
 Delta R.T. -0.00 min
 Lab File: VU025230.D
 Acq: 05 Jul 2018 21:07

Tgt Ion: 96 Resp: 94453
 Ion Ratio Lower Upper
 96 100
 61 166.9 141.7 212.5
 98 62.3 51.6 77.4





#13

Acrolein

Concen: 71.05 ug/l

RT: 2.19 min Scan# 499

Delta R.T. 0.00 min

Lab File: VU025230.D

Acq: 05 Jul 2018 21:07

Instrument :

MSVOA_U

ClientSampleId :

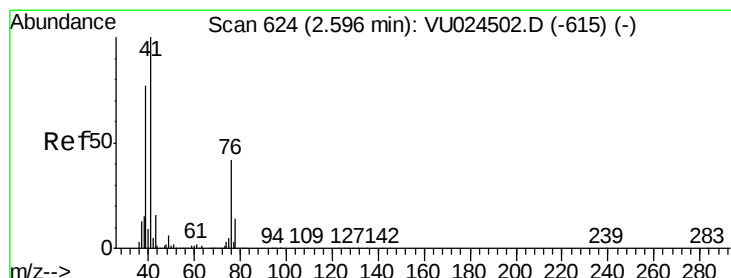
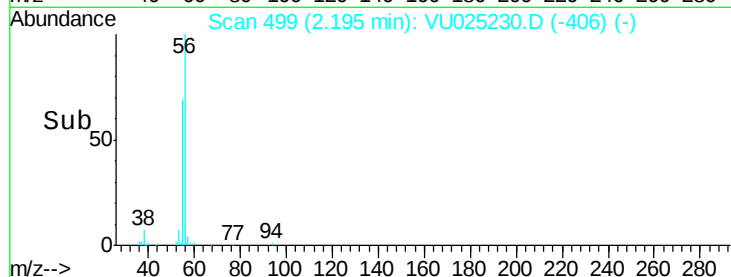
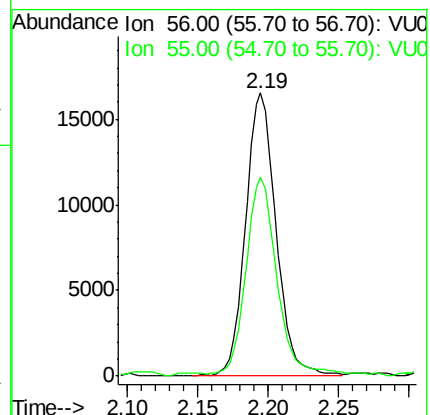
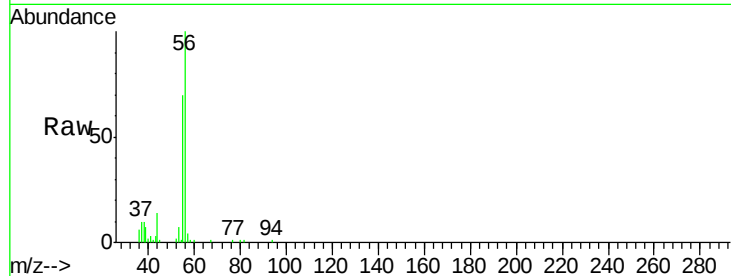
VSTDCCC050EC

Tot Ion: 56 Resp: 25136

Ion Ratio Lower Upper

56 100

55 68.7 58.4 87.6



#14

Allyl chloride

Concen: 45.06 ug/l

RT: 2.59 min Scan# 623

Delta R.T. -0.00 min

Lab File: VU025230.D

Acq: 05 Jul 2018 21:07

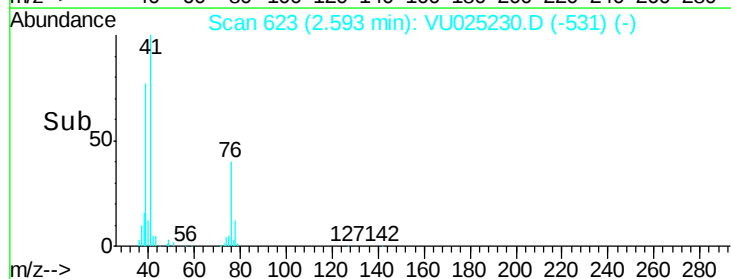
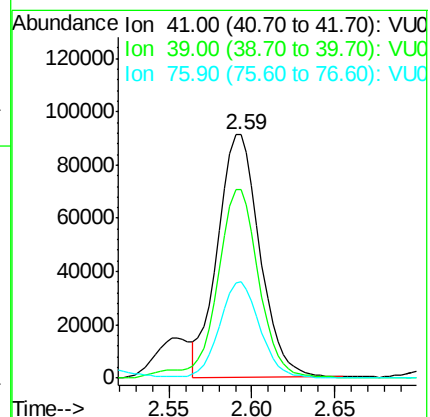
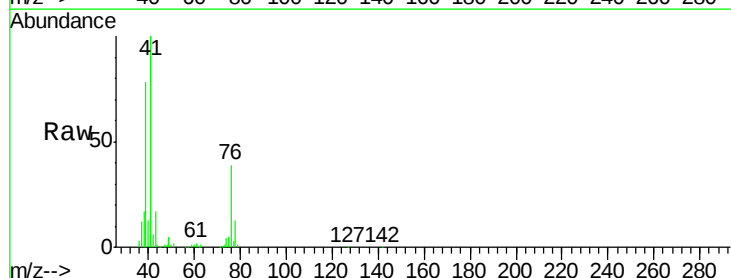
Tgt Ion: 41 Resp: 161639

Ion Ratio Lower Upper

41 100

39 77.4 61.6 92.4

76 38.0 29.7 44.5





#15

Acrylonitrile

Concen: 277.67 ug/l

RT: 2.93 min Scan# 729

Delta R.T. -0.00 min

Lab File: VU025230.D

Acq: 05 Jul 2018 21:07

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

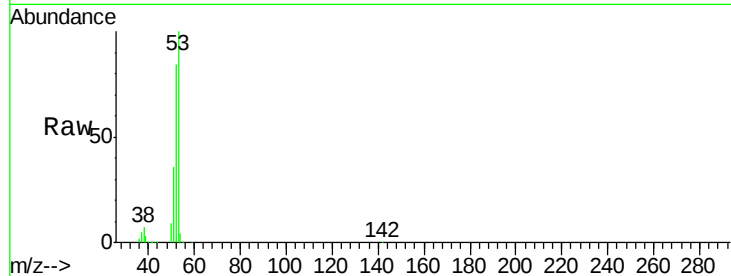
Tot Ion: 53 Resp: 363982

Ion Ratio Lower Upper

53 100

52 82.7 67.1 100.7

51 35.0 28.4 42.6



Abundance Ion 53.00 (52.70 to 53.70): VU024502.D (-714) (-)

Ion 52.00 (51.70 to 52.70): VU024502.D (-714) (-)

Ion 51.00 (50.70 to 51.70): VU024502.D (-714) (-)

2.93

200000

150000

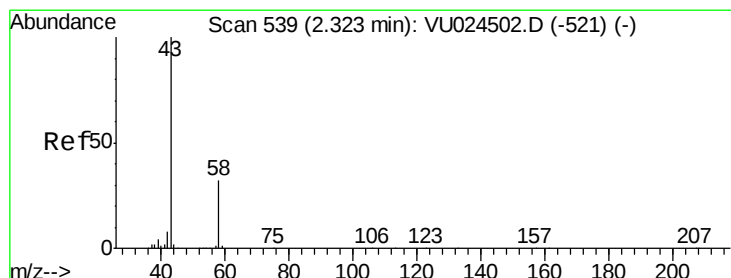
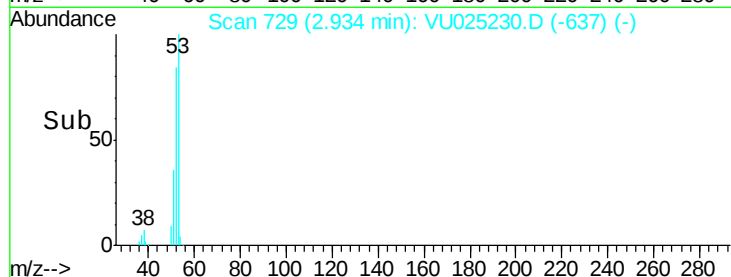
100000

50000

0

2.90 3.00 3.10

Time-->



#16

Acetone

Concen: 236.46 ug/l

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU025230.D

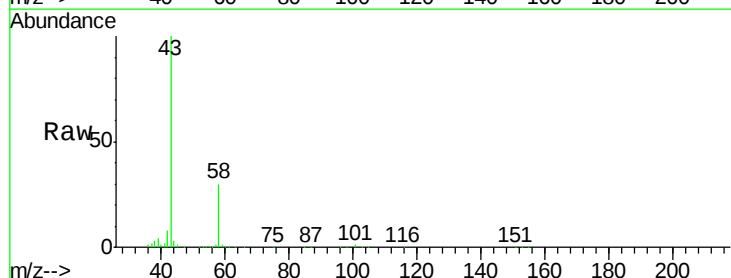
Acq: 05 Jul 2018 21:07

Tgt Ion: 43 Resp: 351952

Ion Ratio Lower Upper

43 100

58 29.7 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VU024502.D (-521) (-)

Ion 58.00 (57.70 to 58.70): VU024502.D (-521) (-)

2.32

200000

150000

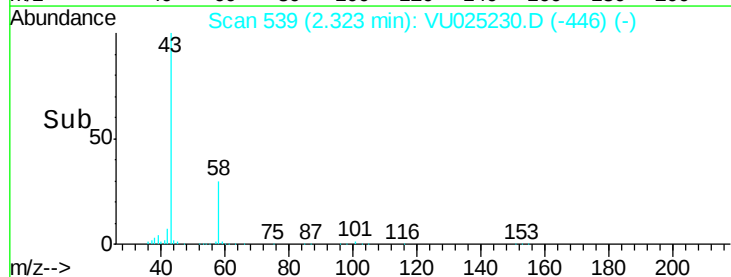
100000

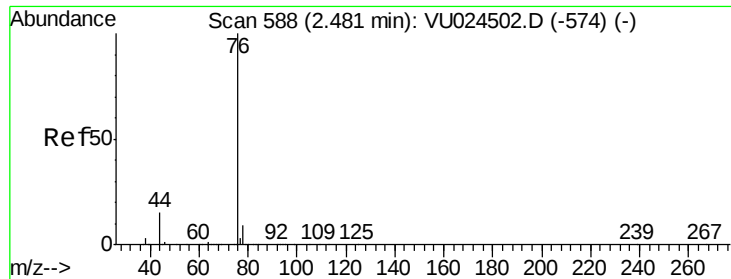
50000

0

2.20 2.30 2.40

Time-->

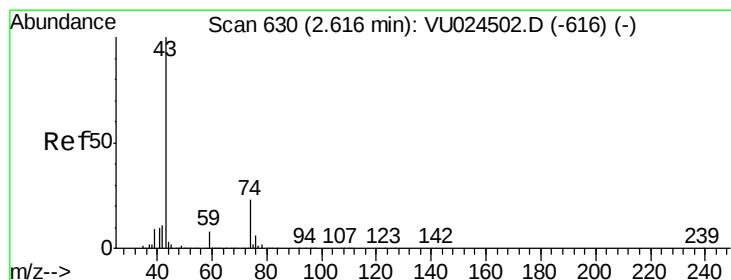
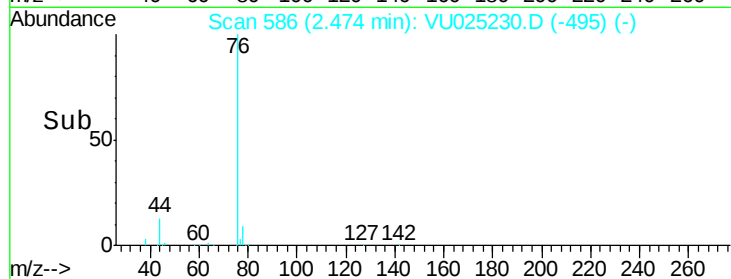
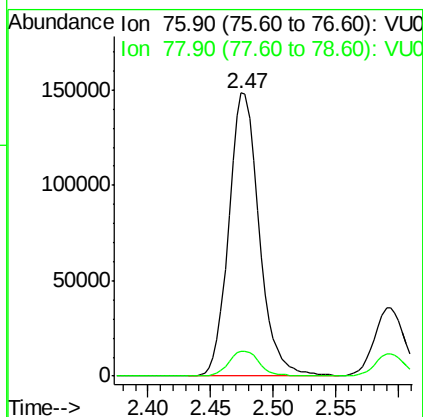
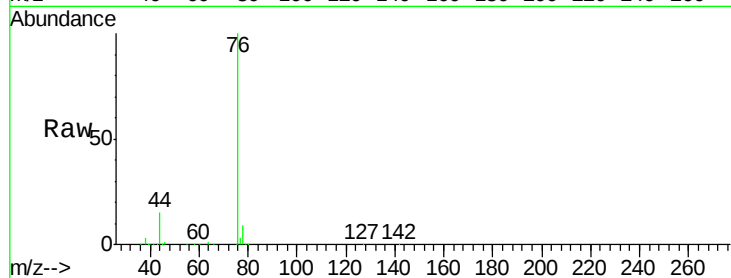




#17
Carbon Disulfide
Concen: 40.50 ug/l
RT: 2.47 min Scan# 586
Delta R.T. -0.01 min
Lab File: VU025230.D
Acq: 05 Jul 2018 21:07

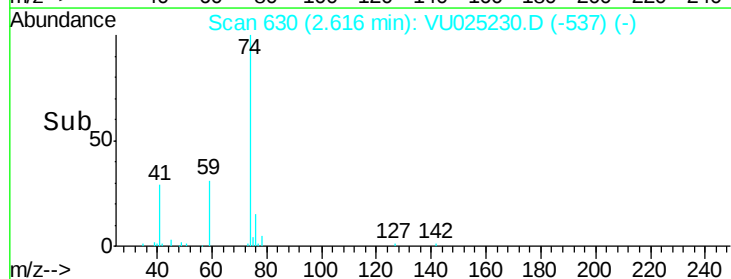
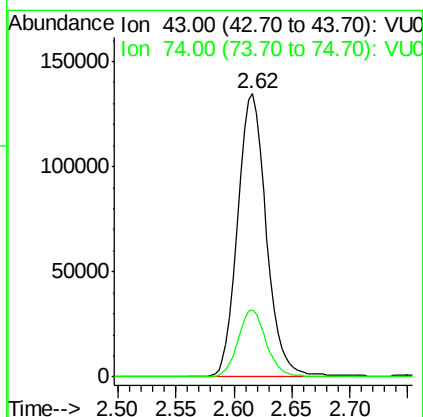
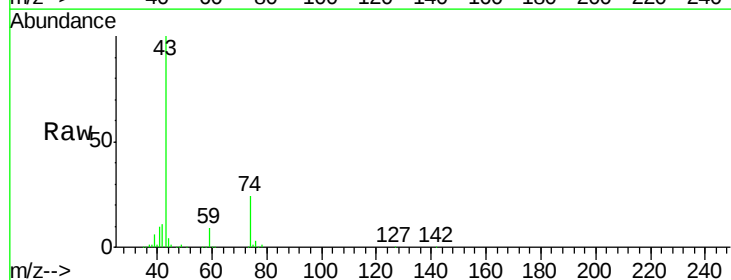
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion: 76 Resp: 250587
Ion Ratio Lower Upper
76 100
78 8.9 7.1 10.7



#18
Methyl Acetate
Concen: 72.04 ug/l
RT: 2.62 min Scan# 630
Delta R.T. 0.00 min
Lab File: VU025230.D
Acq: 05 Jul 2018 21:07

Tgt Ion: 43 Resp: 229875
Ion Ratio Lower Upper
43 100
74 23.5 18.0 27.0

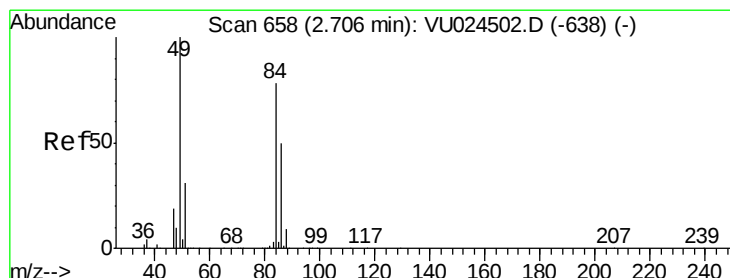
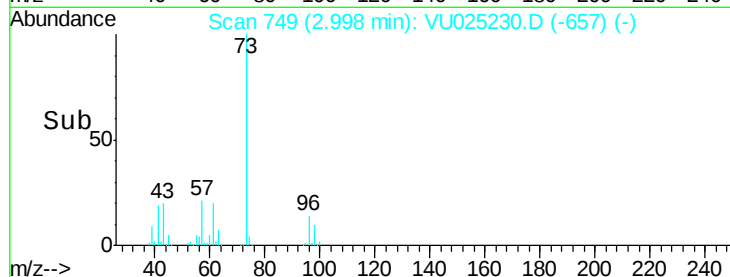
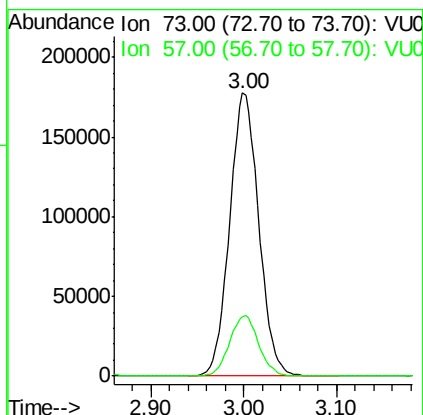
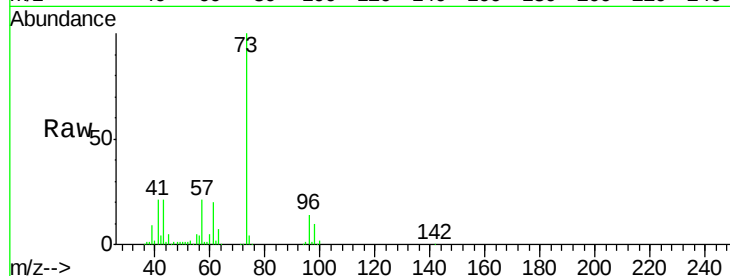




#19
Methvl tert-butvl Ether
Concen: 53.19 ug/l
RT: 3.00 min Scan# 749
Delta R.T. -0.00 min
Lab File: VU025230.D
Acq: 05 Jul 2018 21:07

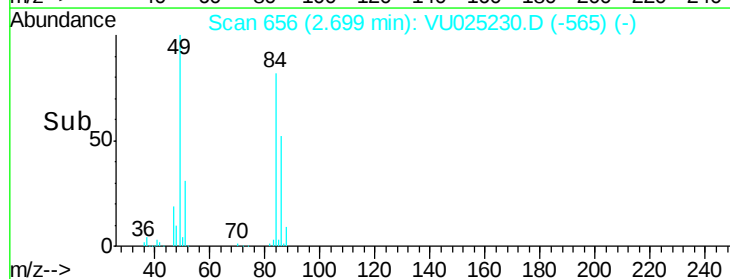
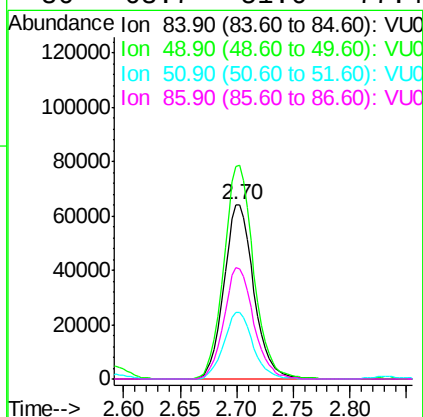
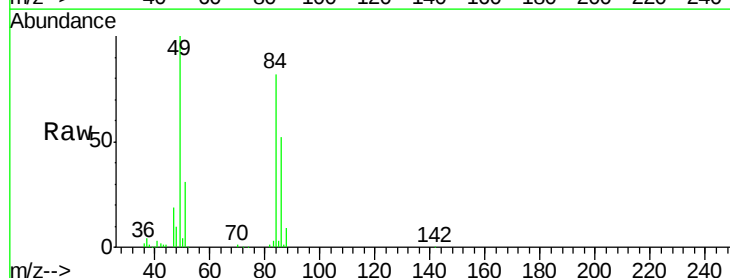
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 386342
Ion Ratio Lower Upper
73 100
57 21.1 18.8 28.2



#20
Methylene Chloride
Concen: 50.31 ug/l
RT: 2.70 min Scan# 656
Delta R.T. -0.01 min
Lab File: VU025230.D
Acq: 05 Jul 2018 21:07

Tgt Ion: 84 Resp: 117498
Ion Ratio Lower Upper
84 100
49 122.2 103.8 155.8
51 38.0 32.0 48.0
86 63.7 51.6 77.4





#21

trans-1,2-Dichloroethene

Concen: 48.66 ug/l

RT: 2.98 min Scan# 744

Delta R.T. -0.00 min

Lab File: VU025230.D

Acq: 05 Jul 2018 21:07

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

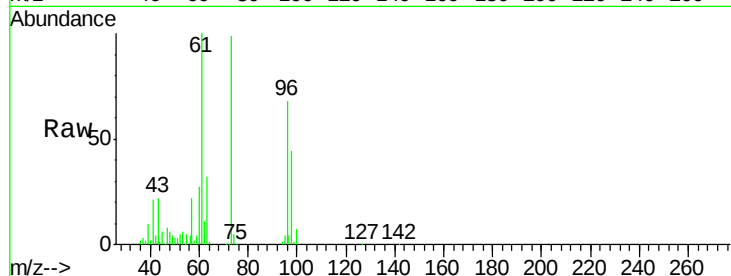
Tot Ion: 96 Resp: 103557

Ion Ratio Lower Upper

96 100

61 147.6 119.4 179.0

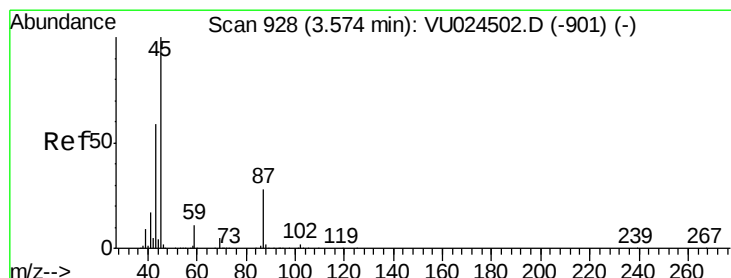
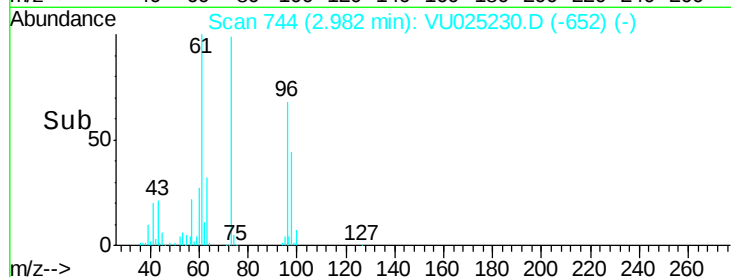
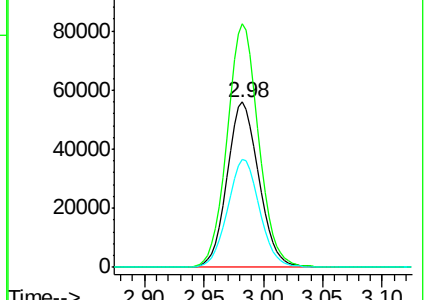
98 65.3 51.1 76.7



Abundance Ion 95.90 (95.60 to 96.60): VU025230.D (-652) (-)

Ion 60.90 (60.60 to 61.60): VU025230.D (-652) (-)

Ion 97.90 (97.60 to 98.60): VU025230.D (-652) (-)



#22

Diisopropyl ether

Concen: 51.87 ug/l

RT: 3.57 min Scan# 928

Delta R.T. 0.00 min

Lab File: VU025230.D

Acq: 05 Jul 2018 21:07

Tgt Ion: 45 Resp: 368910

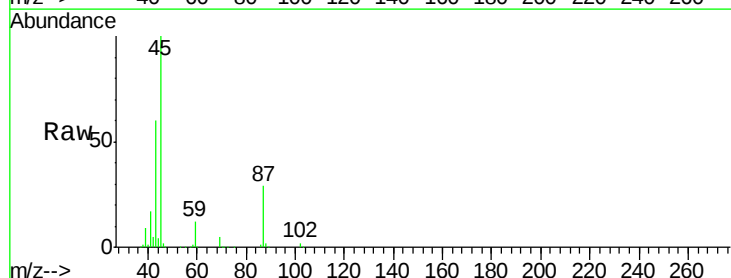
Ion Ratio Lower Upper

45 100

43 58.7 45.8 68.6

87 29.1 20.6 31.0

59 11.6 9.4 14.0

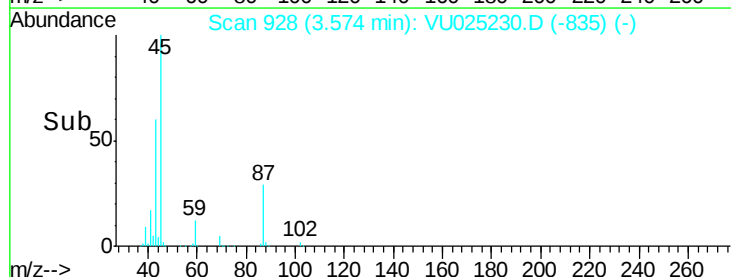
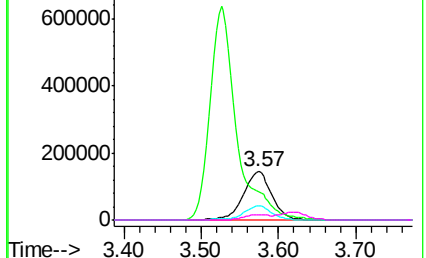


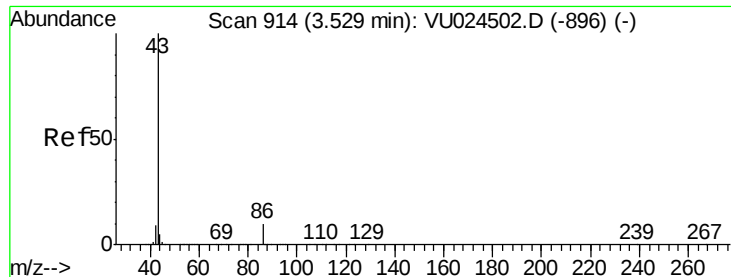
Abundance Ion 45.00 (44.70 to 45.70): VU025230.D (-835) (-)

Ion 43.00 (42.70 to 43.70): VU025230.D (-835) (-)

Ion 87.00 (86.70 to 87.70): VU025230.D (-835) (-)

Ion 59.00 (58.70 to 59.70): VU025230.D (-835) (-)





#23

Vinyl Acetate

Concen: 242.83 ug/l

RT: 3.53 min Scan# 913

Delta R.T. -0.00 min

Lab File: VU025230.D

Acq: 05 Jul 2018 21:07

Instrument :

MSVOA_U

ClientSampleId :

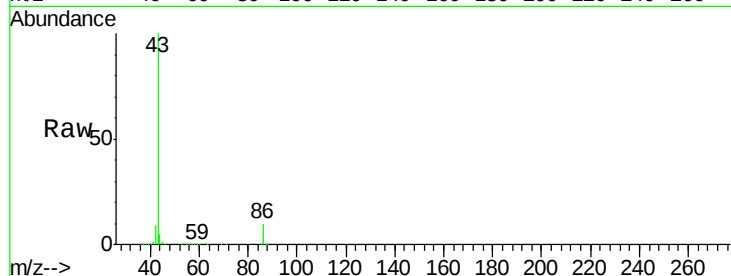
VSTDCCC050EC

Tot Ion: 43 Resp: 1546985

Ion Ratio Lower Upper

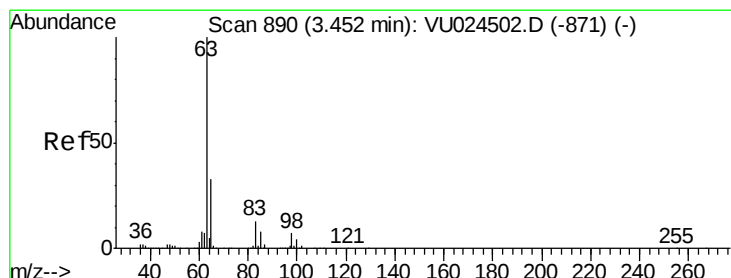
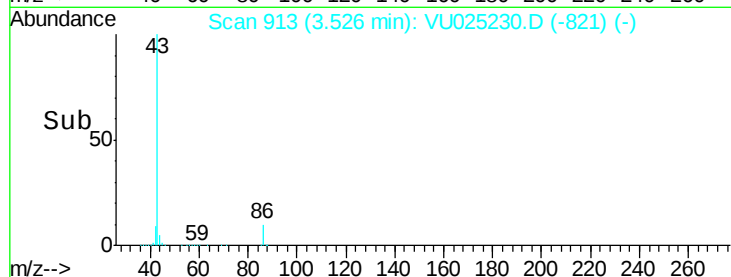
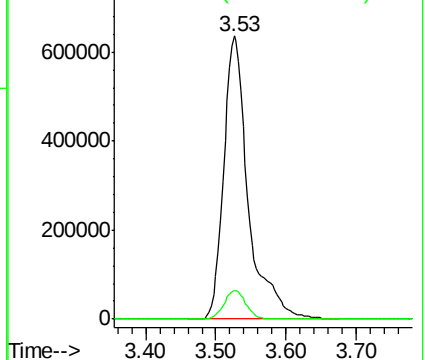
43 100

86 10.1 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: 51.77 ug/l

RT: 3.45 min Scan# 889

Delta R.T. -0.00 min

Lab File: VU025230.D

Acq: 05 Jul 2018 21:07

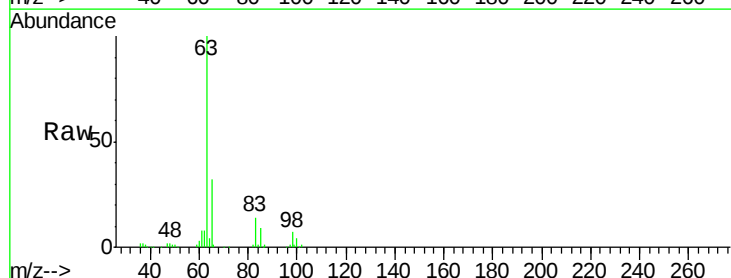
Tgt Ion: 63 Resp: 211794

Ion Ratio Lower Upper

63 100

98 6.7 3.5 10.4

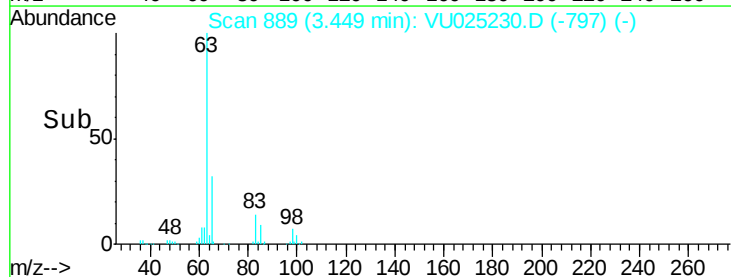
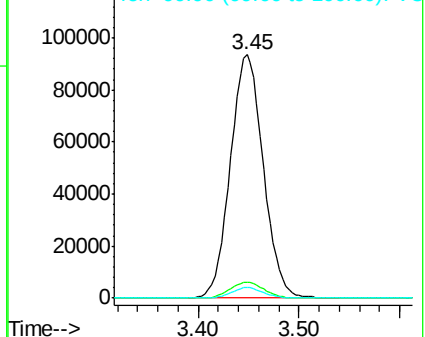
100 4.4 1.8 5.5



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

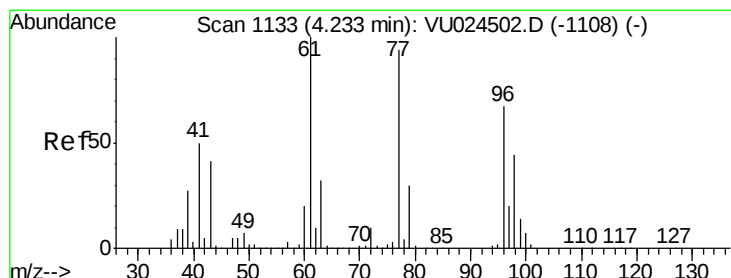
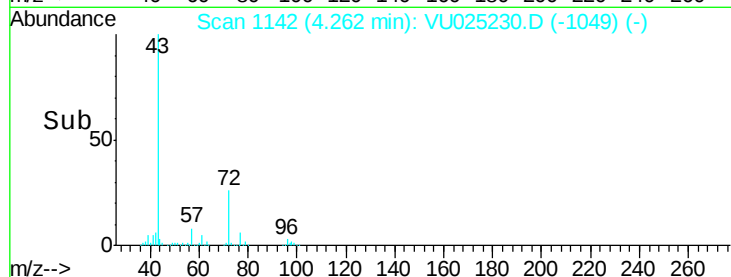
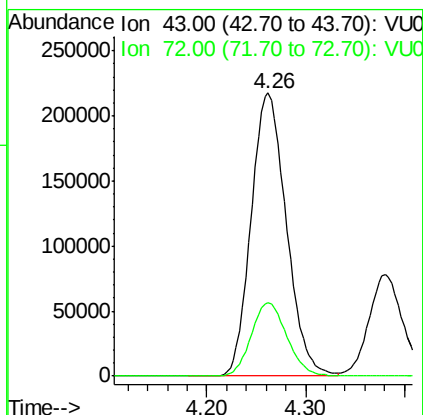
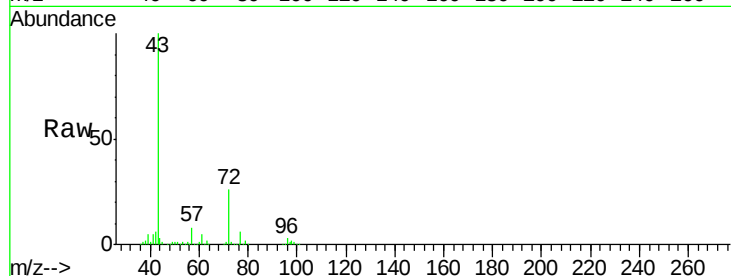




#25
2-Butanone
Concen: 267.40 ug/l
RT: 4.26 min Scan# 1142
Delta R.T. 0.00 min
Lab File: VU025230.D
Acq: 05 Jul 2018 21:07

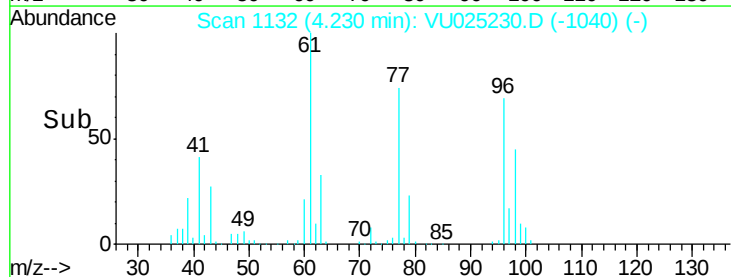
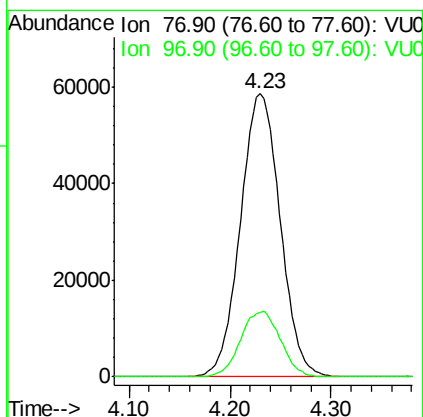
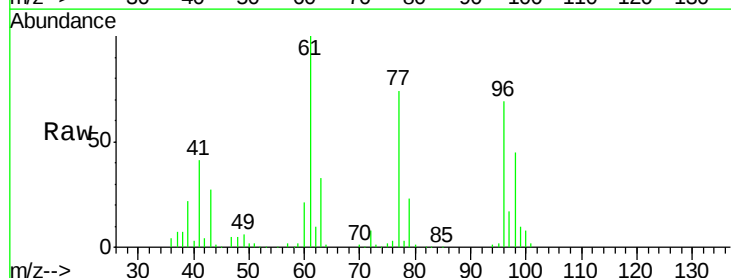
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 534610
Ion Ratio Lower Upper
43 100
72 26.1 19.6 29.4



#26
2,2-Dichloropropane
Concen: 41.20 ug/l
RT: 4.23 min Scan# 1132
Delta R.T. -0.00 min
Lab File: VU025230.D
Acq: 05 Jul 2018 21:07

Tgt Ion: 77 Resp: 160051
Ion Ratio Lower Upper
77 100
97 23.3 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 54.01 ug/l

RT: 4.23 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VU025230.D

Acq: 05 Jul 2018 21:07

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

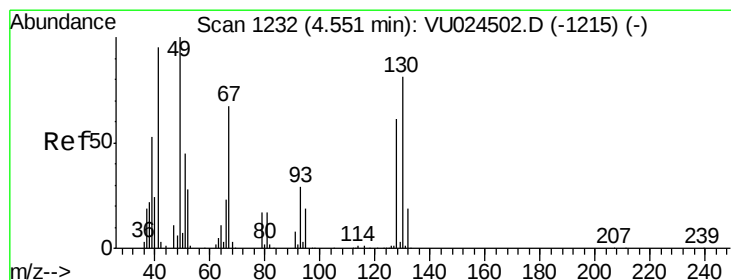
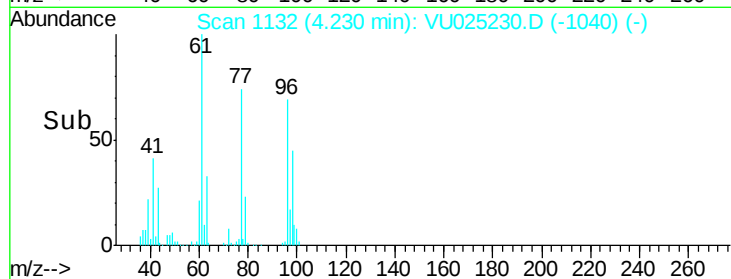
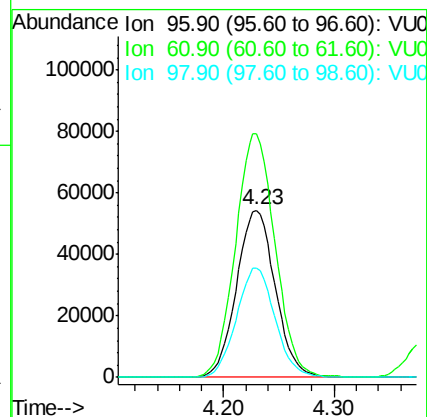
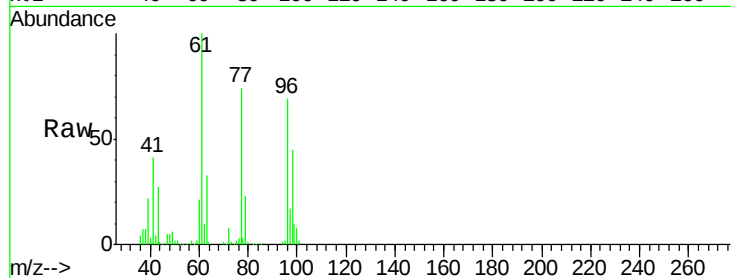
Tot Ion: 96 Resp: 132148

Ion Ratio Lower Upper

96 100

61 149.0 0.0 306.6

98 65.2 0.0 128.8



#28

Bromochloromethane

Concen: 43.74 ug/l

RT: 4.55 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VU025230.D

Acq: 05 Jul 2018 21:07

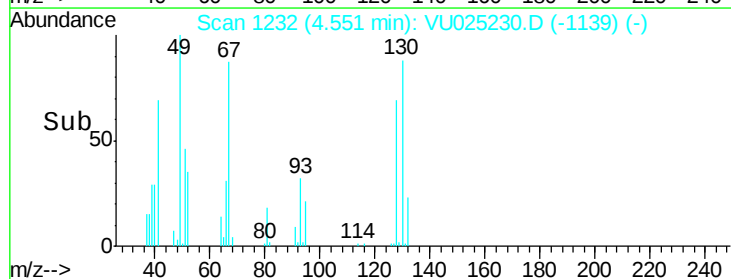
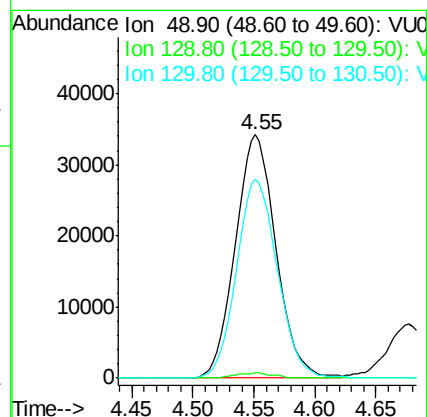
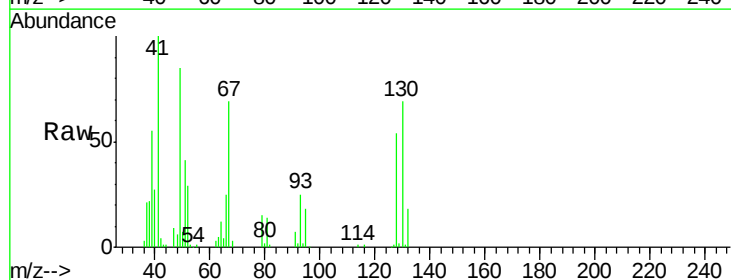
Tgt Ion: 49 Resp: 78827

Ion Ratio Lower Upper

49 100

129 2.0 0.0 3.8

130 82.6 57.8 86.6

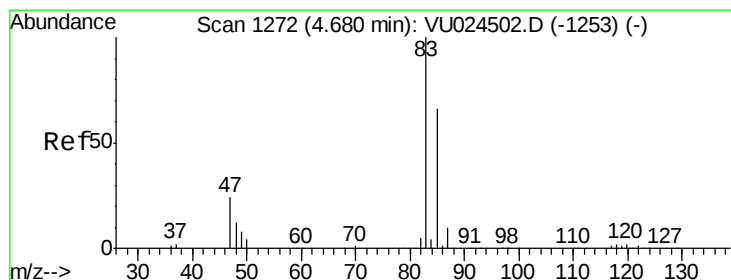
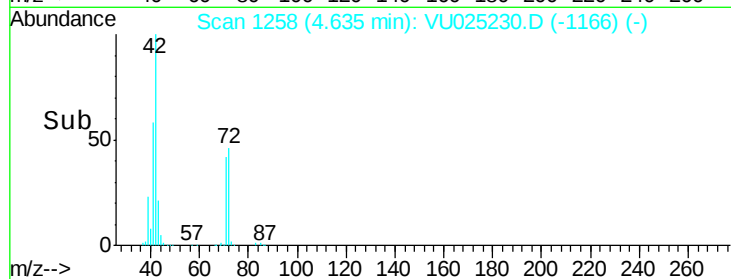
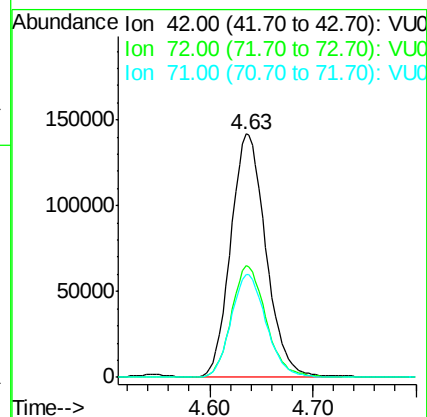
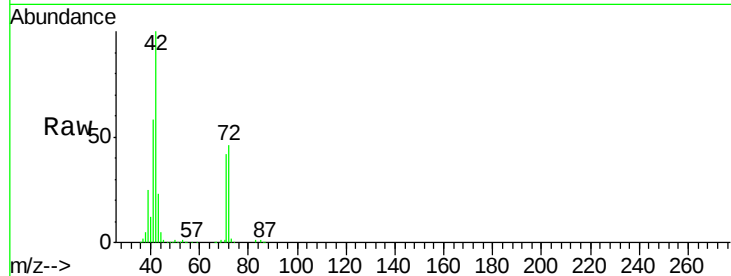




#29
Tetrahydrofuran
Concen: 270.42 ug/l
RT: 4.63 min Scan# 1258
Delta R.T. -0.00 min
Lab File: VU025230.D
Acq: 05 Jul 2018 21:07

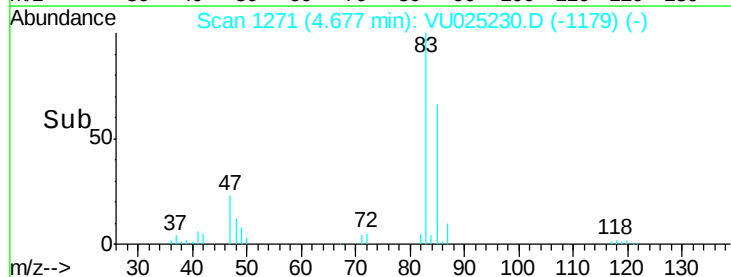
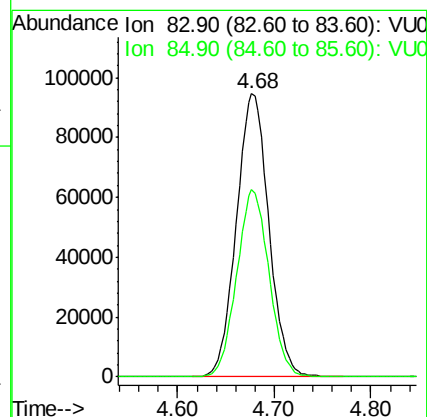
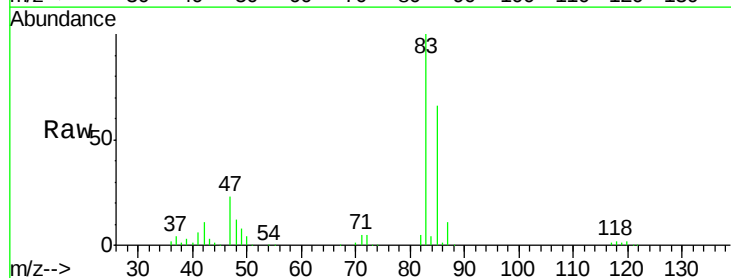
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion: 42 Resp: 334810
Ion Ratio Lower Upper
42 100
72 45.5 34.5 51.7
71 42.4 32.2 48.4



#30
Chloroform
Concen: 53.23 ug/l
RT: 4.68 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VU025230.D
Acq: 05 Jul 2018 21:07

Tgt Ion: 83 Resp: 220439
Ion Ratio Lower Upper
83 100
85 66.0 52.4 78.6

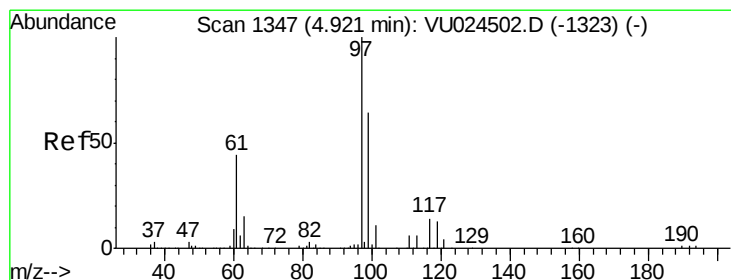
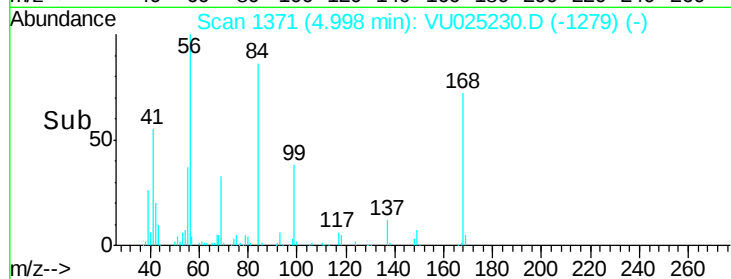
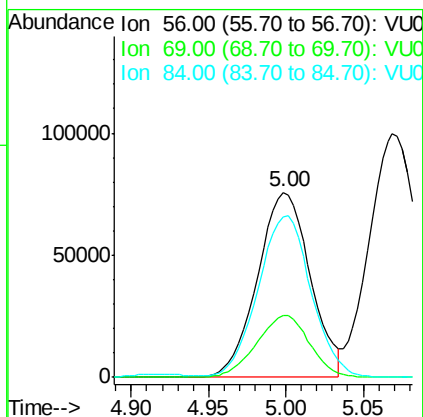
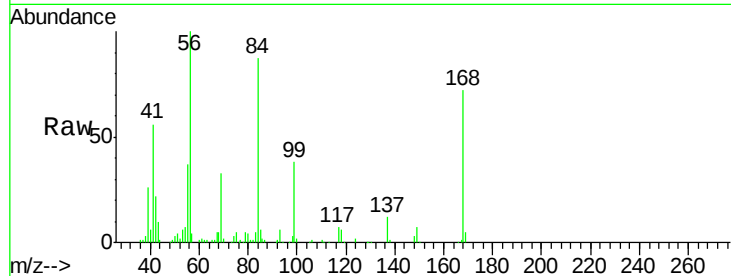




#31
Cyclohexane
Concen: 49.53 ug/l
RT: 5.00 min Scan# 1371
Delta R.T. -0.00 min
Lab File: VU025230.D
Acq: 05 Jul 2018 21:07

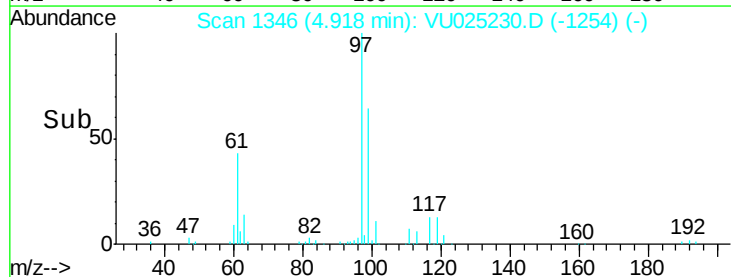
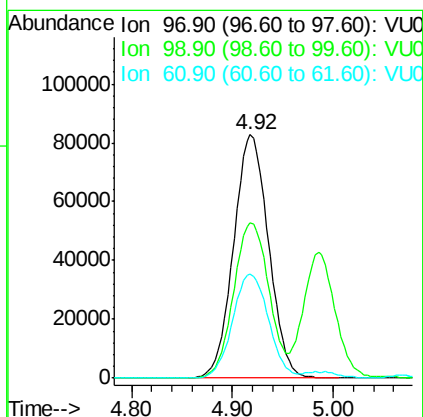
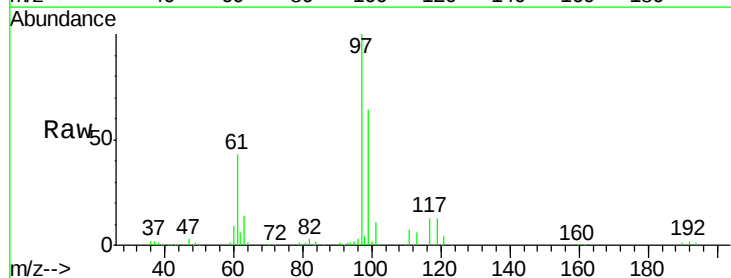
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

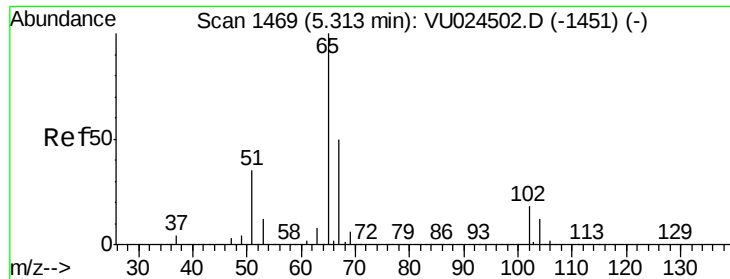
Tot Ion: 56 Resp: 180013
Ion Ratio Lower Upper
56 100
69 33.4 24.8 37.2
84 86.0 65.2 97.8



#32
1,1,1-Trichloroethane
Concen: 52.01 ug/l
RT: 4.92 min Scan# 1346
Delta R.T. -0.00 min
Lab File: VU025230.D
Acq: 05 Jul 2018 21:07

Tgt Ion: 97 Resp: 199165
Ion Ratio Lower Upper
97 100
99 65.3 51.0 76.6
61 43.9 39.4 59.0

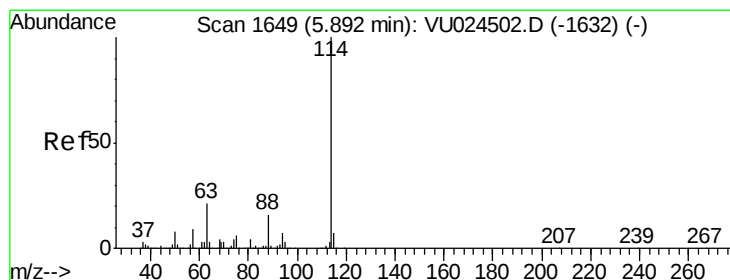
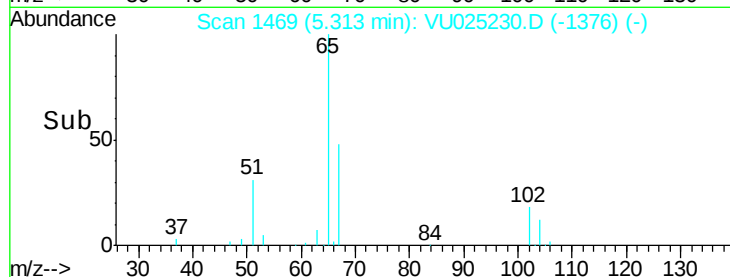
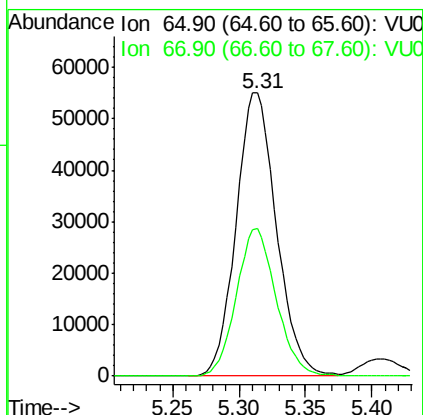
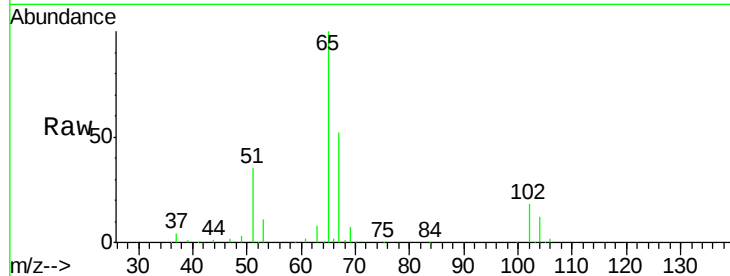




#33
 1,2-Dichloroethane-d4
 Concen: 41.90 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VU025230.D
 Acq: 05 Jul 2018 21:07

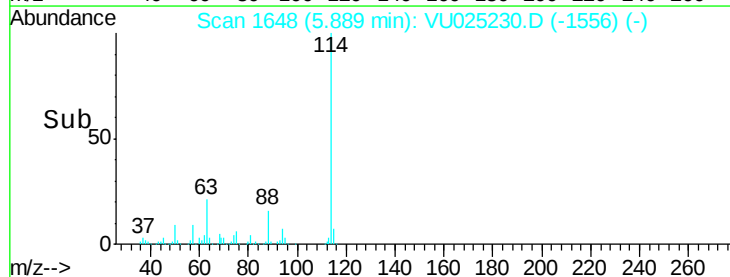
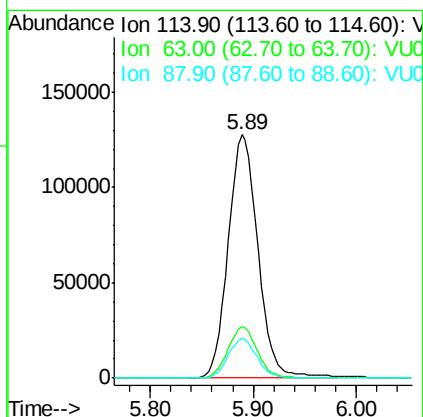
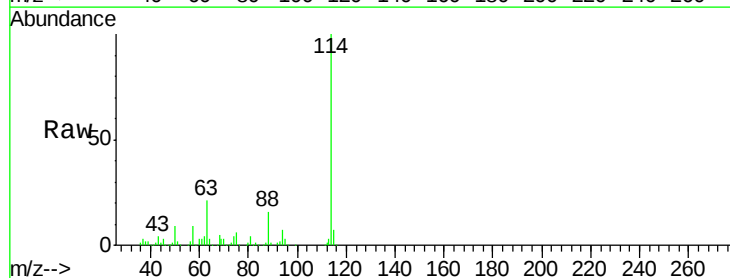
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 65 Resp: 116076
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.89 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: VU025230.D
 Acq: 05 Jul 2018 21:07

Tgt Ion: 114 Resp: 257296
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 45.4
 88 16.2 0.0 31.0





#35

Dibromofluoromethane

Concen: 45.97 ug/l

RT: 4.89 min Scan# 1336

Delta R.T. 0.00 min

Lab File: VU025230.D

Acq: 05 Jul 2018 21:07

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

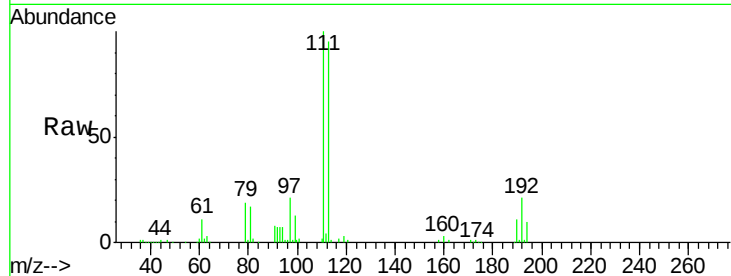
Tot Ion:113 Resp: 98153

Ion Ratio Lower Upper

113 100

111 102.7 82.2 123.4

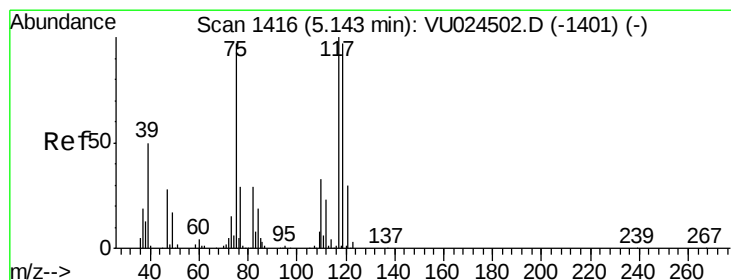
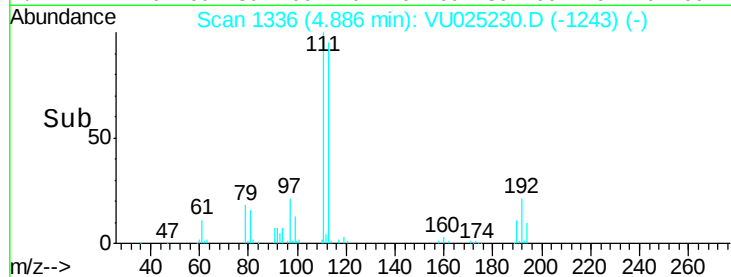
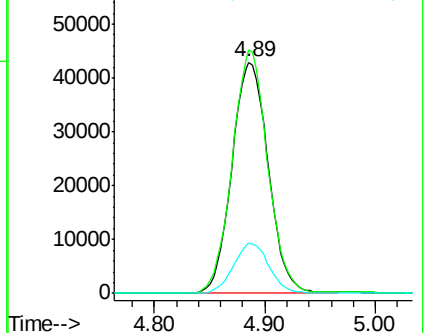
192 21.1 16.2 24.4



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 50.67 ug/l

RT: 5.14 min Scan# 1415

Delta R.T. -0.00 min

Lab File: VU025230.D

Acq: 05 Jul 2018 21:07

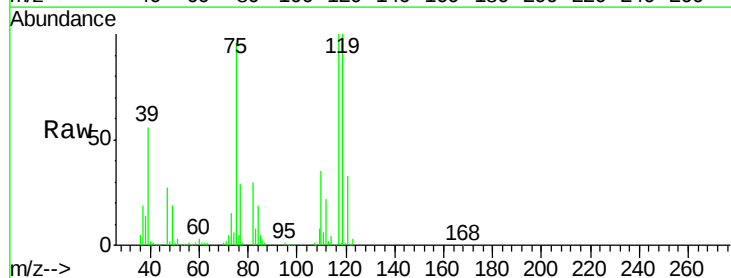
Tgt Ion: 75 Resp: 153197

Ion Ratio Lower Upper

75 100

110 36.2 17.0 50.9

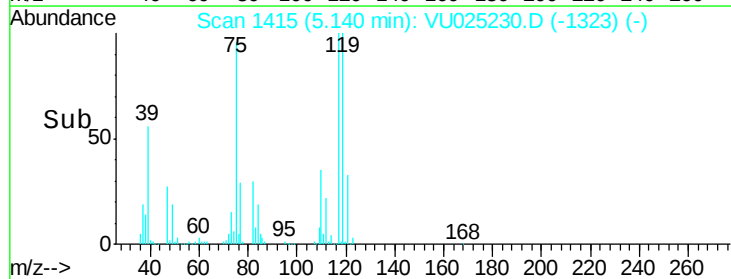
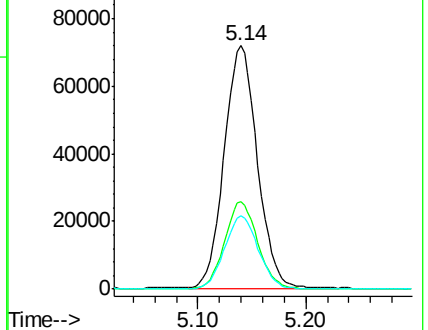
77 30.4 24.2 36.4

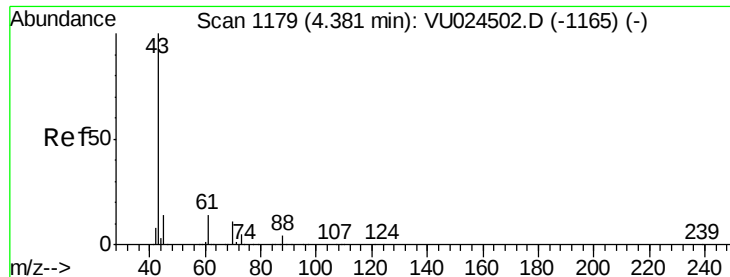


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VU0

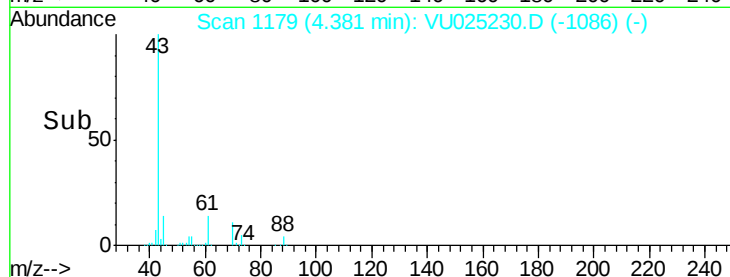
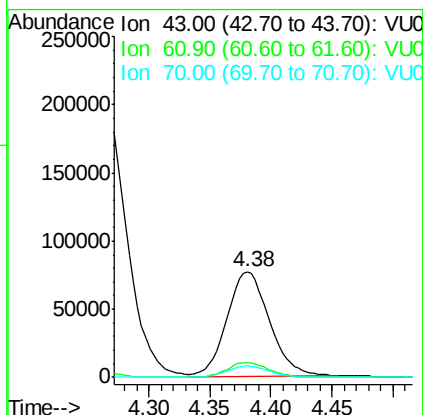
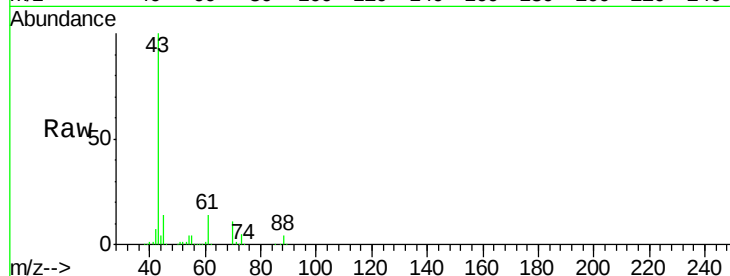




#37
Ethyl Acetate
Concen: 56.31 ug/l
RT: 4.38 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VU025230.D
Acq: 05 Jul 2018 21:07

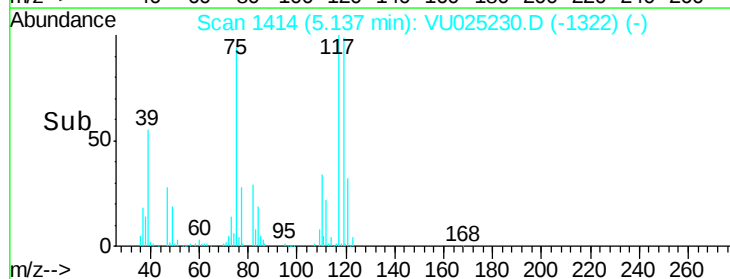
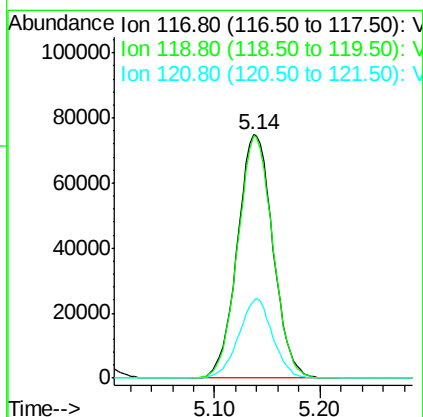
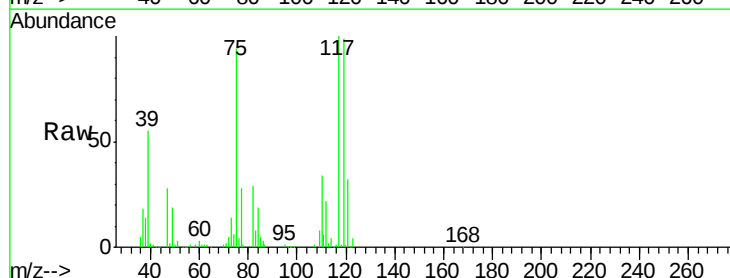
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

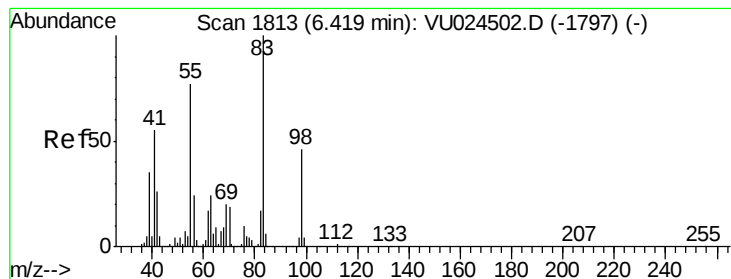
Tot Ion	43	Resp	185549
Ion Ratio	Lower	Upper	
43	100		
61	13.7	10.5	15.7
70	10.5	7.4	11.2



#38
Carbon Tetrachloride
Concen: 52.72 ug/l
RT: 5.14 min Scan# 1414
Delta R.T. -0.00 min
Lab File: VU025230.D
Acq: 05 Jul 2018 21:07

Tgt Ion	117	Resp	175294
Ion Ratio	Lower	Upper	
117	100		
119	99.4	76.1	114.1
121	31.7	23.7	35.5

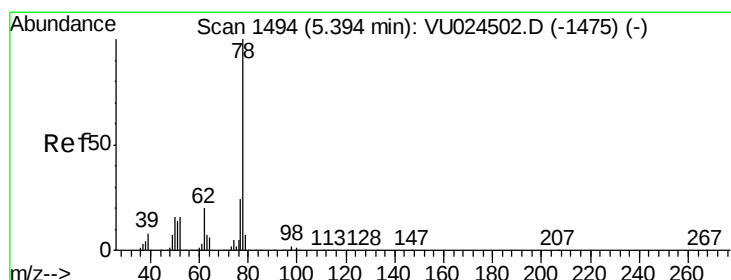
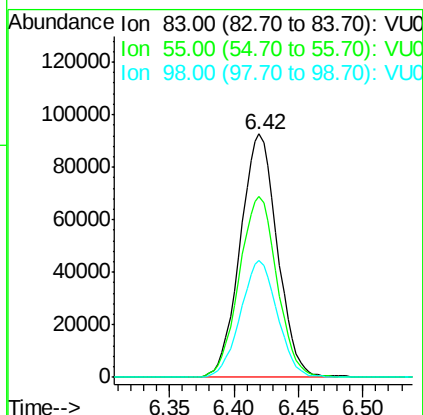
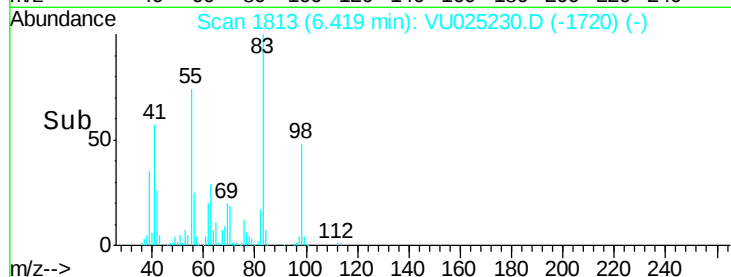
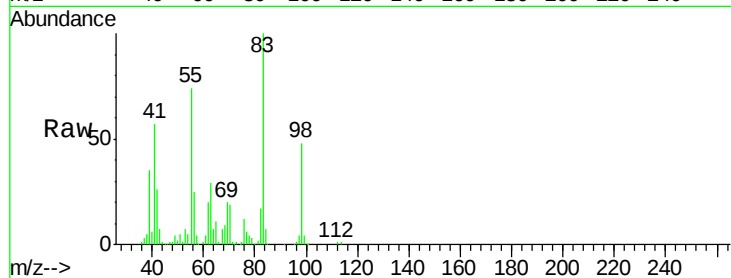




#39
Methvlcvclohexane
Concen: 49.27 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. 0.00 min
Lab File: VU025230.D
Acq: 05 Jul 2018 21:07

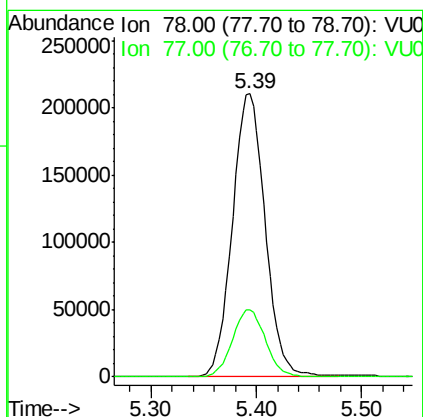
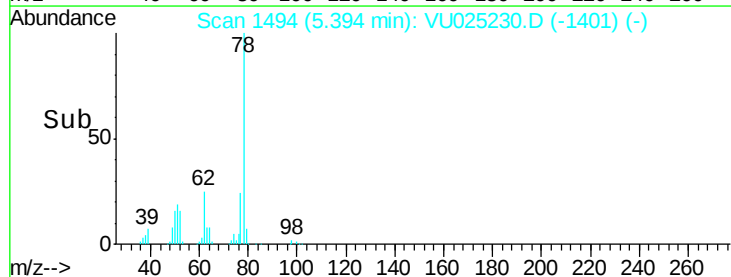
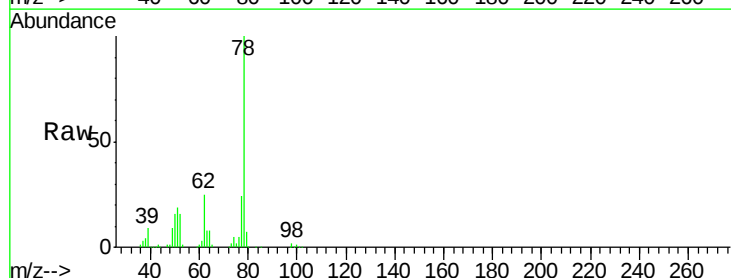
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

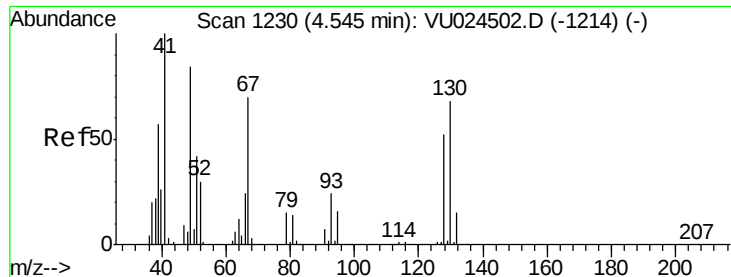
Tot Ion: 83 Resp: 185900
Ion Ratio Lower Upper
83 100
55 74.2 65.8 98.6
98 48.0 36.7 55.1



#40
Benzene
Concen: 52.79 ug/l
RT: 5.39 min Scan# 1494
Delta R.T. 0.00 min
Lab File: VU025230.D
Acq: 05 Jul 2018 21:07

Tgt Ion: 78 Resp: 454797
Ion Ratio Lower Upper
78 100
77 23.9 19.2 28.8

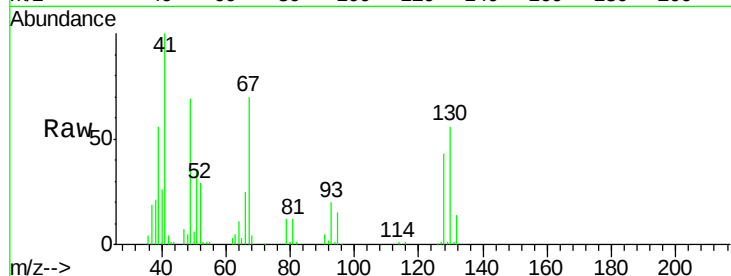




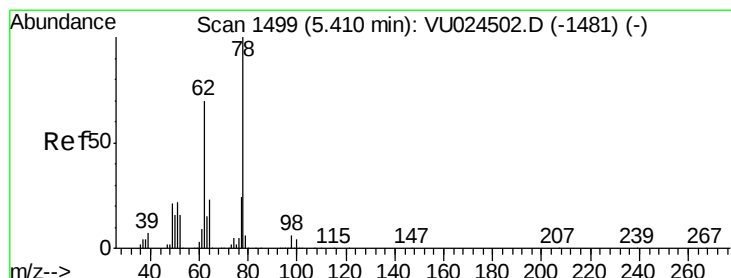
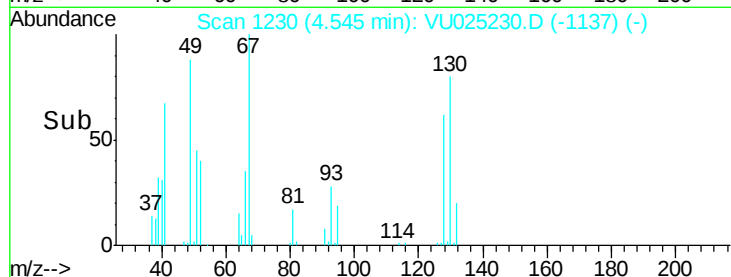
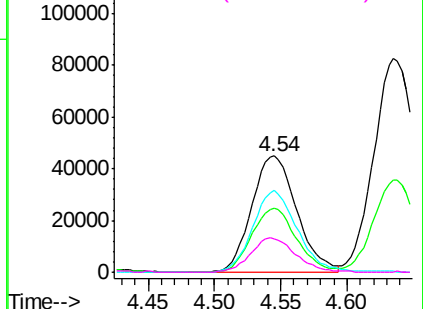
#41
Methacrylonitrile
Concen: 60.21 ug/l
RT: 4.54 min Scan# 1230
Delta R.T. 0.00 min
Lab File: VU025230.D
Acq: 05 Jul 2018 21:07

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion:	41	Resp:	106983
Ion	Ratio	Lower	Upper
41	100		
39	54.9	43.8	65.6
67	69.8	56.3	84.5
52	29.6	23.2	34.8

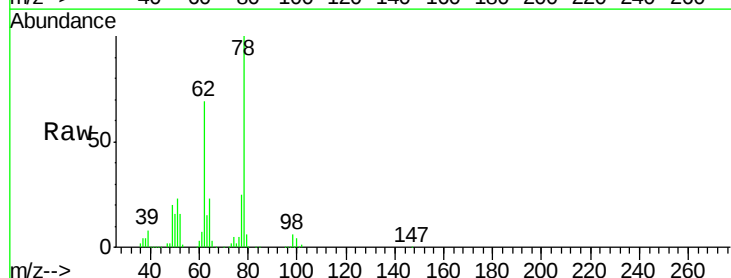


Abundance Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 67.00 (66.70 to 67.70): VU0
Ion 52.00 (51.70 to 52.70): VU0

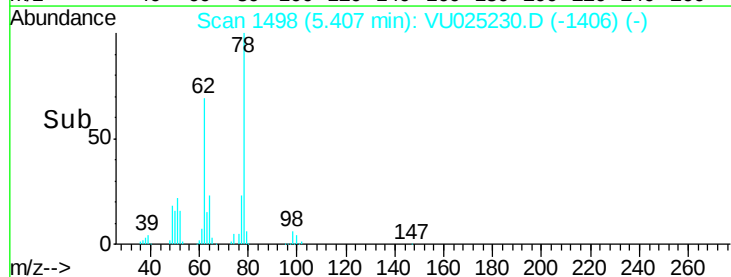
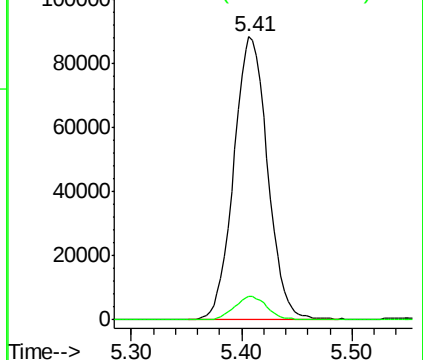


#42
1,2-Dichloroethane
Concen: 57.25 ug/l
RT: 5.41 min Scan# 1498
Delta R.T. -0.00 min
Lab File: VU025230.D
Acq: 05 Jul 2018 21:07

Tgt Ion:	62	Resp:	187851
Ion	Ratio	Lower	Upper
62	100		
98	8.0	0.0	16.6



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

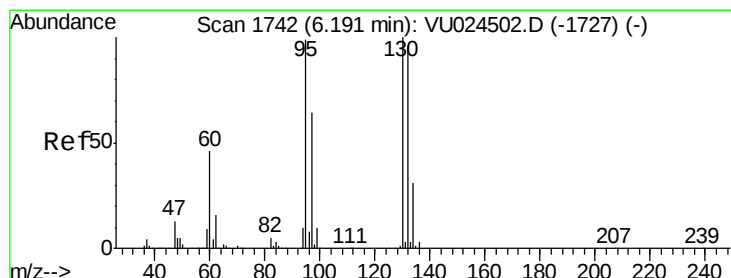
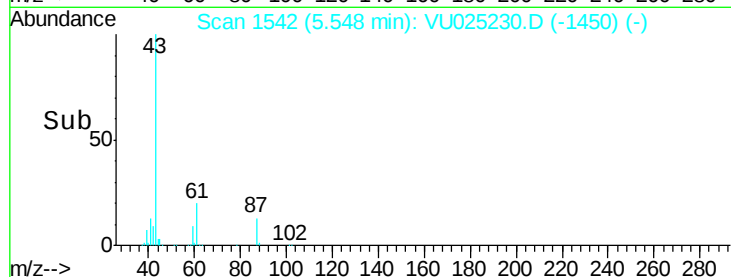
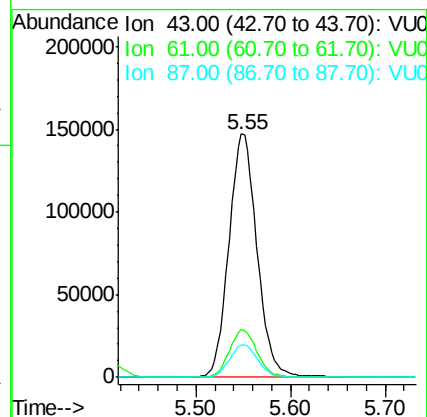
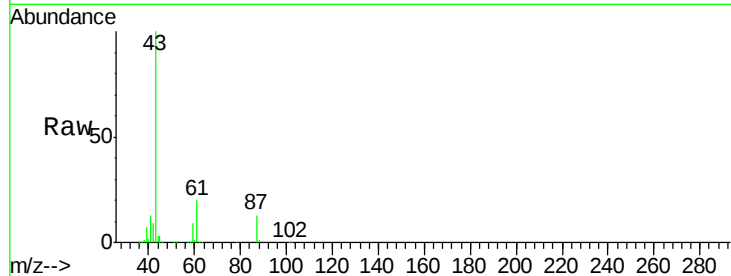




#43
Isopropyl Acetate
Concen: 53.04 ug/l
RT: 5.55 min Scan# 1542
Delta R.T. -0.00 min
Lab File: VU025230.D
Acq: 05 Jul 2018 21:07

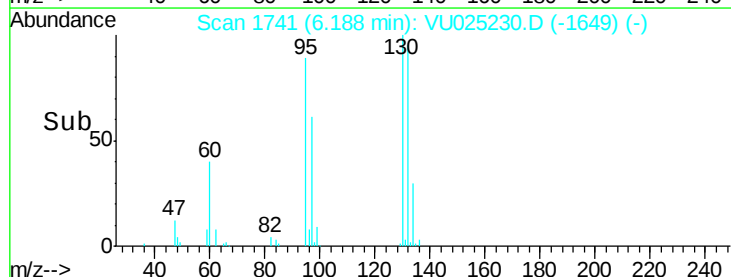
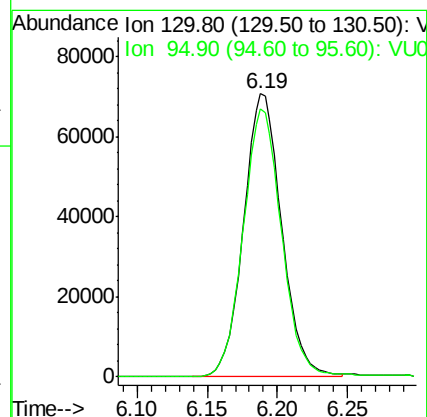
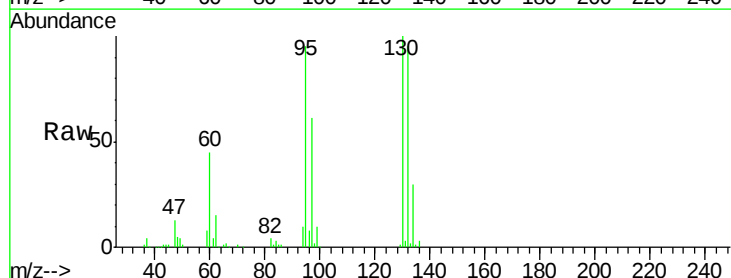
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 302120
Ion Ratio Lower Upper
43 100
61 19.5 15.4 23.0
87 13.6 10.0 15.0



#44
Trichloroethene
Concen: 54.58 ug/l
RT: 6.19 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VU025230.D
Acq: 05 Jul 2018 21:07

Tgt Ion: 130 Resp: 133810
Ion Ratio Lower Upper
130 100
95 94.8 0.0 202.4





#45

1,2-Dichloropropane

Concen: 53.61 ug/l

RT: 6.44 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VU025230.D

Acq: 05 Jul 2018 21:07

Instrument :

MSVOA_U

ClientSampleId :

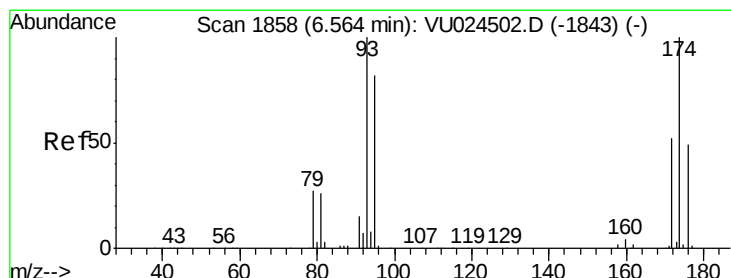
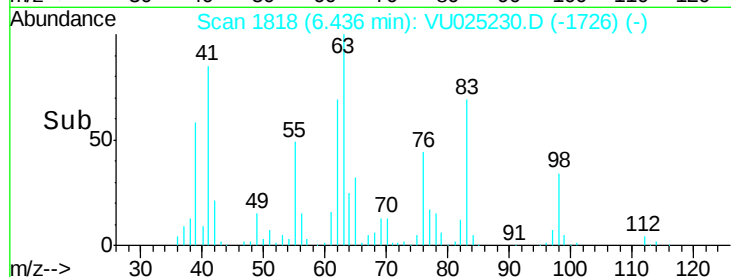
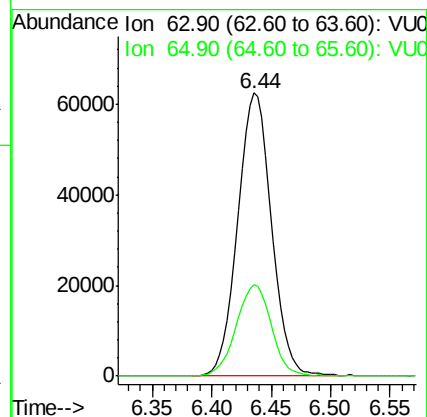
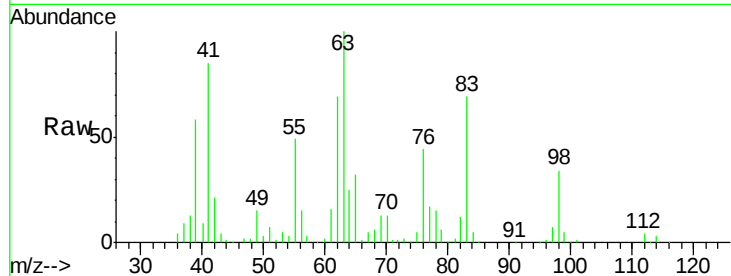
VSTDCCC050EC

Tot Ion: 63 Resp: 123225

Ion Ratio Lower Upper

63 100

65 32.4 24.8 37.2



#46

Dibromomethane

Concen: 54.80 ug/l

RT: 6.56 min Scan# 1858

Delta R.T. 0.00 min

Lab File: VU025230.D

Acq: 05 Jul 2018 21:07

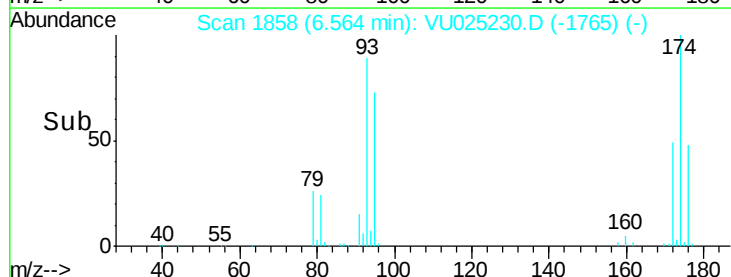
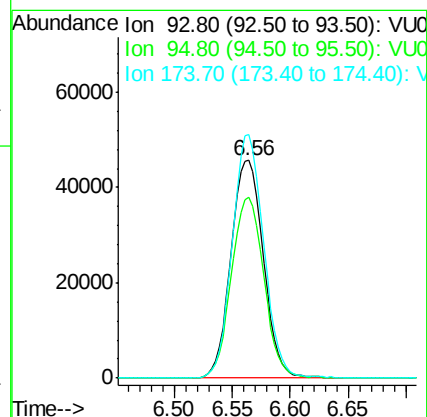
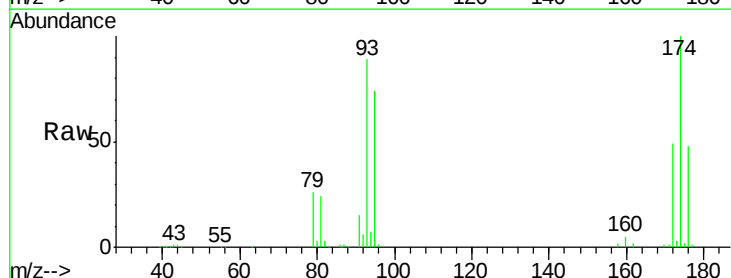
Tgt Ion: 93 Resp: 88488

Ion Ratio Lower Upper

93 100

95 83.0 65.5 98.3

174 108.1 78.7 118.1





#47

Bromodichloromethane

Concen: 53.42 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VU025230.D

Acq: 05 Jul 2018 21:07

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

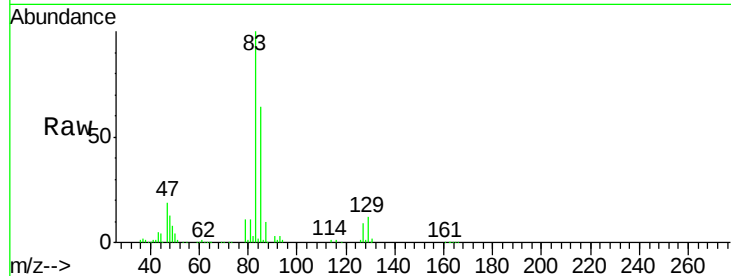
Tot Ion: 83 Resp: 171769

Ion Ratio Lower Upper

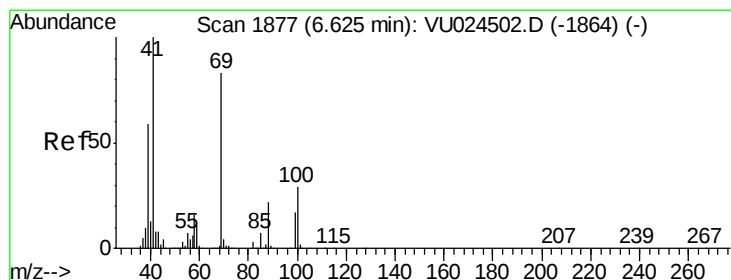
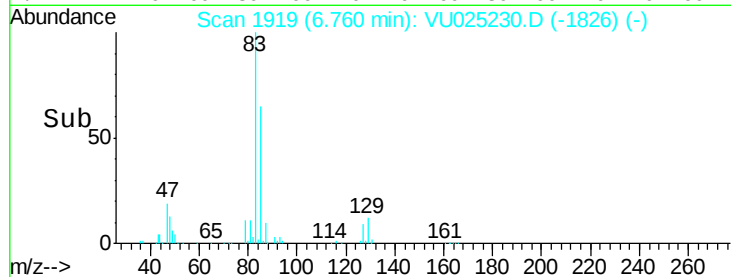
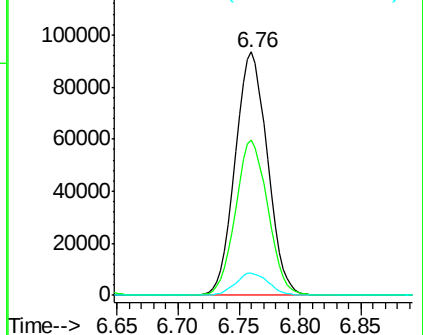
83 100

85 63.8 51.9 77.9

127 9.0 6.6 9.8



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



#48

Methyl methacrylate

Concen: 55.44 ug/l

RT: 6.63 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VU025230.D

Acq: 05 Jul 2018 21:07

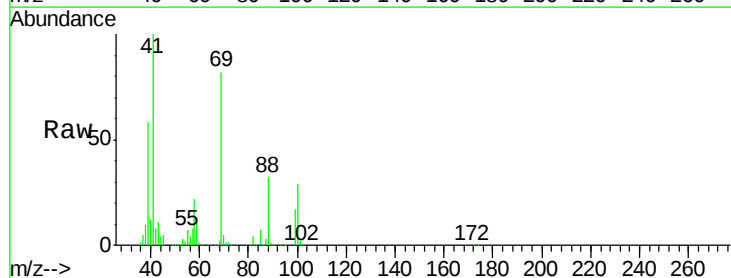
Tgt Ion: 41 Resp: 153779

Ion Ratio Lower Upper

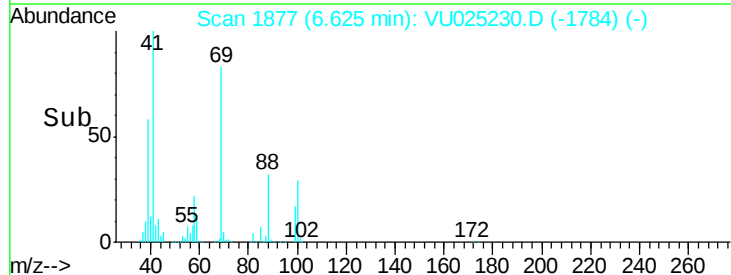
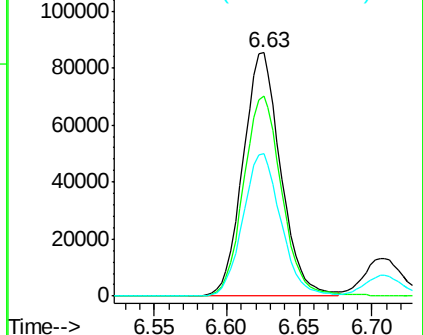
41 100

69 83.7 67.3 100.9

39 58.6 46.5 69.7



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



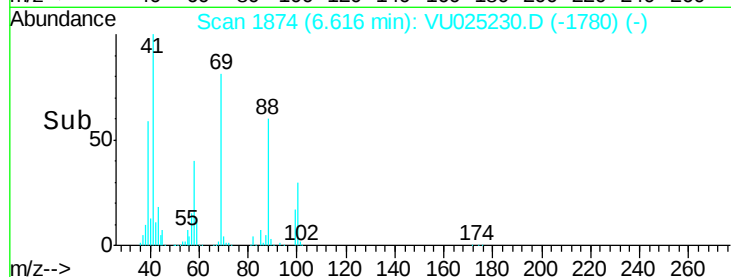
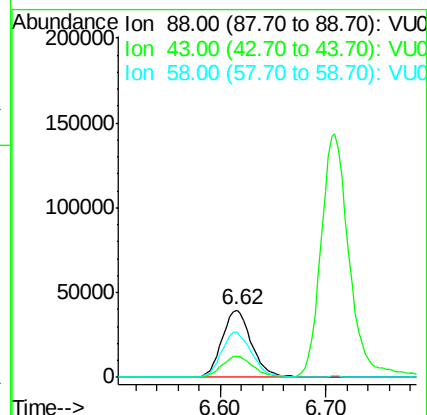
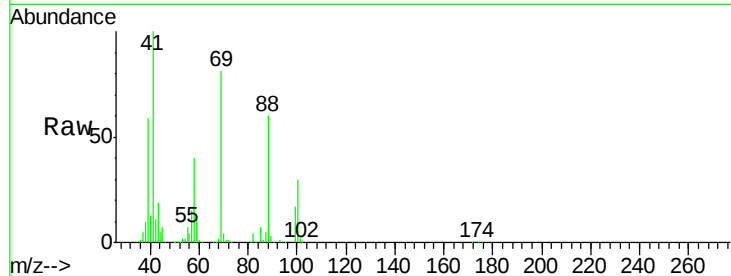


#49
 1,4-Dioxane
 Concen: 1405.49 ug/l
 RT: 6.62 min Scan# 1874
 Delta R.T. 0.00 min
 Lab File: VU025230.D
 Acq: 05 Jul 2018 21:07

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 88 Resp: 76237

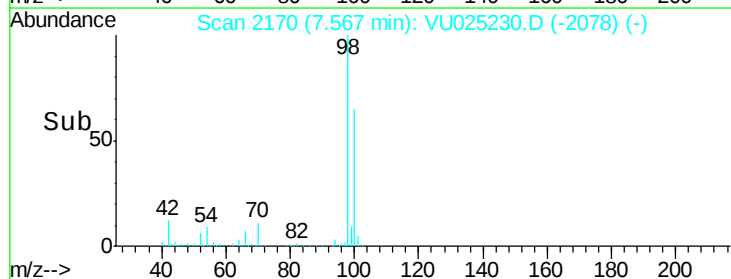
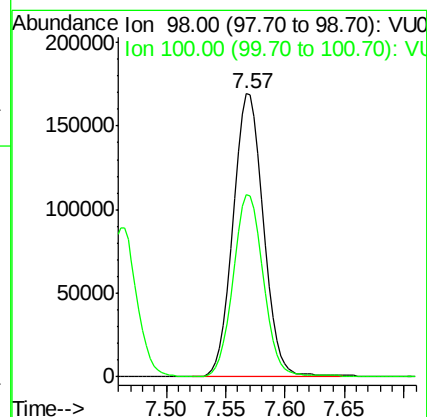
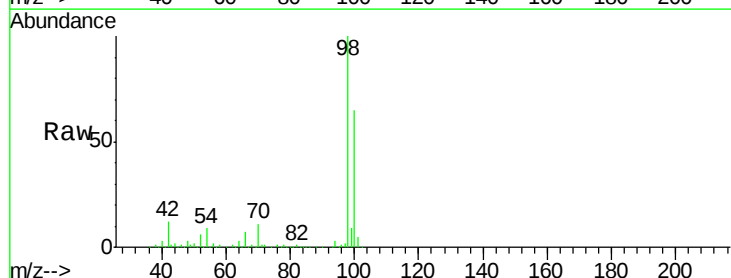
Ion	Ratio	Lower	Upper
88	100		
43	31.9	28.6	42.8
58	69.2	58.2	87.4



#50
 Toluene-d8
 Concen: 38.54 ug/l
 RT: 7.57 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VU025230.D
 Acq: 05 Jul 2018 21:07

Tgt Ion: 98 Resp: 300160

Ion	Ratio	Lower	Upper
98	100		
100	63.4	51.1	76.7

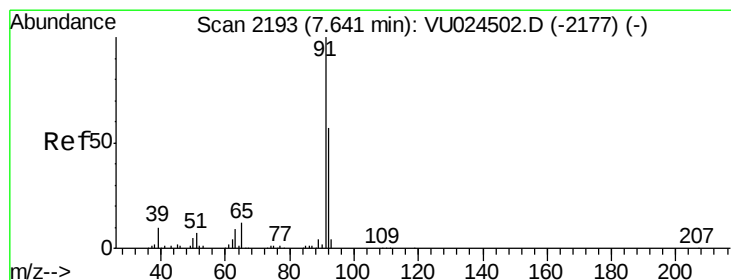
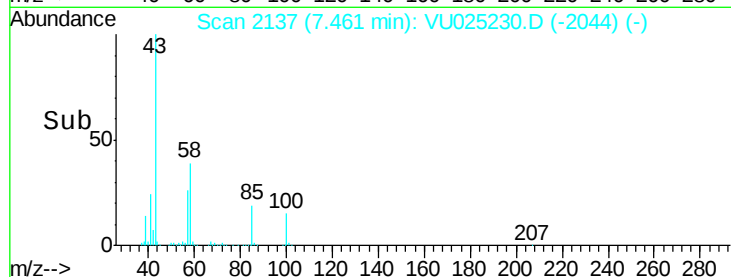
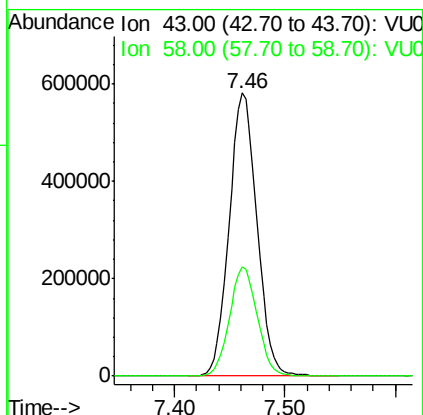
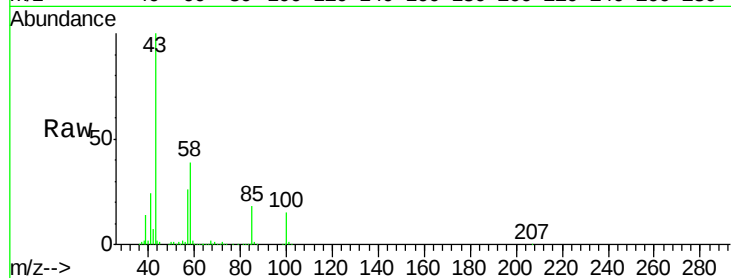




#51
 4-Methyl-2-Pentanone
 Concen: 284.30 ug/l
 RT: 7.46 min Scan# 2137
 Delta R.T. 0.00 min
 Lab File: VU025230.D
 Acq: 05 Jul 2018 21:07

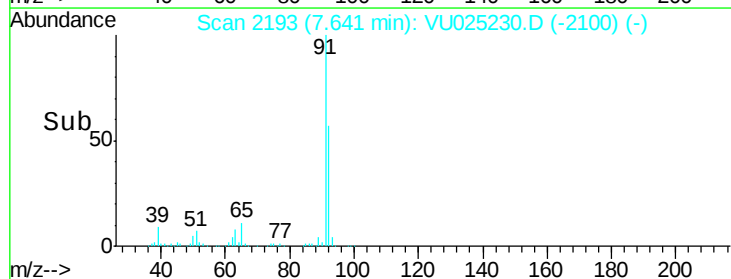
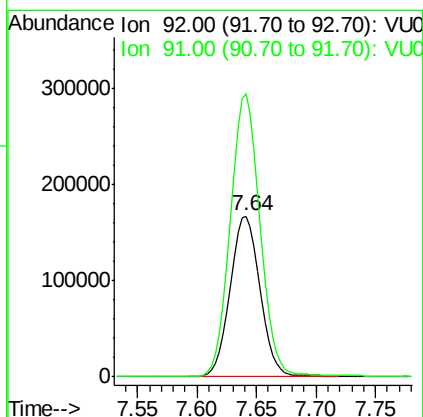
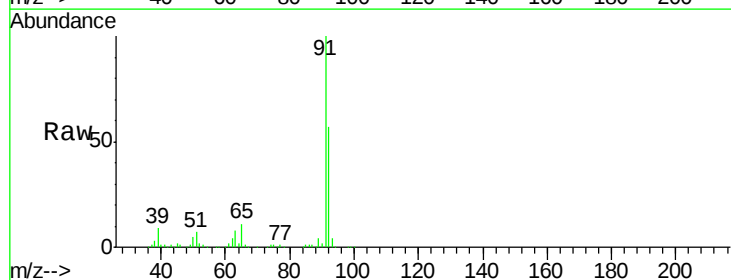
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 1017395
 Ion Ratio Lower Upper
 43 100
 58 38.4 30.0 45.0



#52
 Toluene
 Concen: 52.92 ug/l
 RT: 7.64 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VU025230.D
 Acq: 05 Jul 2018 21:07

Tgt Ion: 92 Resp: 293307
 Ion Ratio Lower Upper
 92 100
 91 175.9 140.5 210.7





#53

t-1,3-Dichloropropene

Concen: 50.37 ug/l

RT: 7.88 min Scan# 2268

Delta R.T. 0.00 min

Lab File: VU025230.D

Acq: 05 Jul 2018 21:07

Instrument :

MSVOA_U

ClientSampleId :

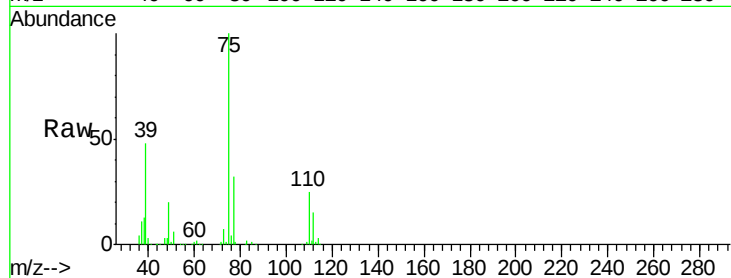
VSTDCCC050EC

Tot Ion: 75 Resp: 181873

Ion Ratio Lower Upper

75 100

77 31.8 24.8 37.2



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0

7.88

120000

100000

80000

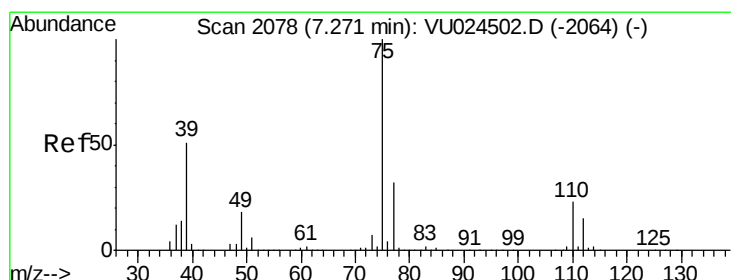
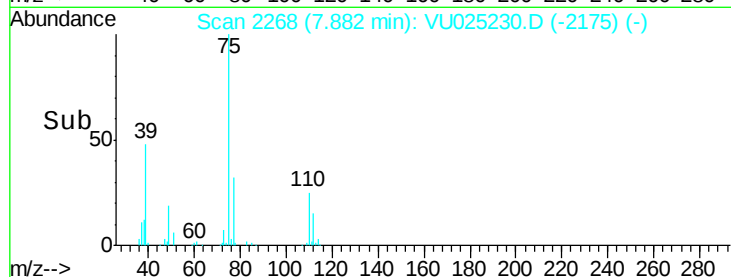
60000

40000

20000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 49.54 ug/l

RT: 7.27 min Scan# 2078

Delta R.T. 0.00 min

Lab File: VU025230.D

Acq: 05 Jul 2018 21:07

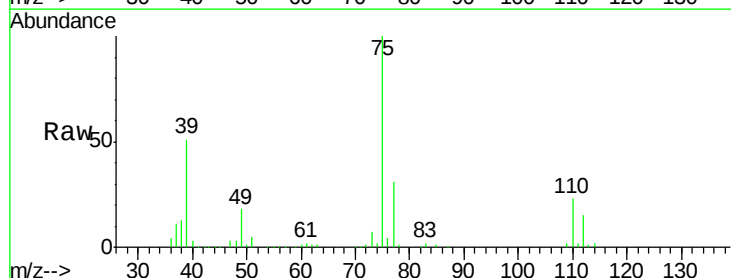
Tgt Ion: 75 Resp: 190586

Ion Ratio Lower Upper

75 100

77 31.3 24.6 36.8

39 50.5 39.8 59.6



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0

Ion 39.00 (38.70 to 39.70): VU0

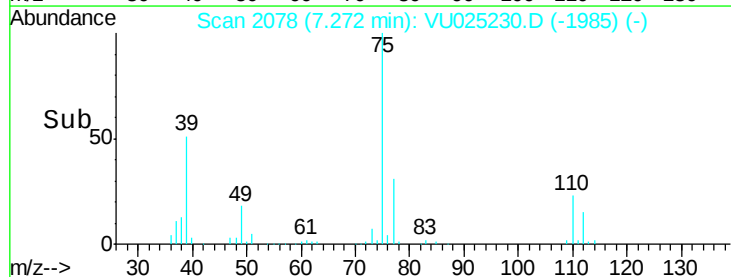
150000

100000

50000

0

Time-->

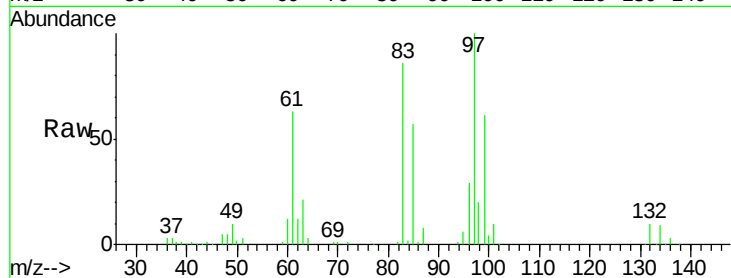




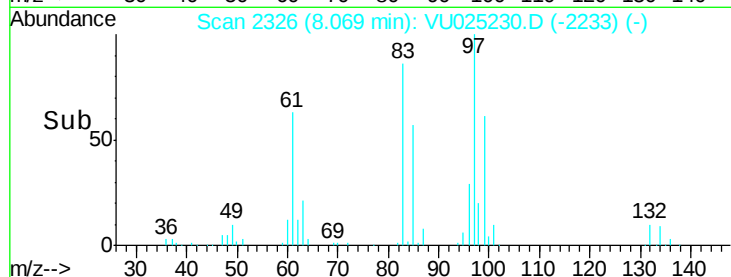
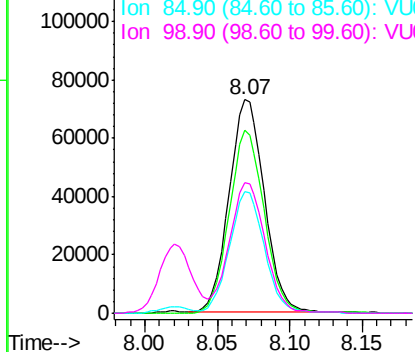
#55
 1,1,2-Trichloroethane
 Concen: 54.42 ug/l
 RT: 8.07 min Scan# 2326
 Delta R.T. 0.00 min
 Lab File: VU025230.D
 Acq: 05 Jul 2018 21:07

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	122616
Ion	Ratio	Lower	Upper
97	100		
83	86.0	70.5	105.7
85	57.2	46.4	69.6
99	60.8	50.2	75.2

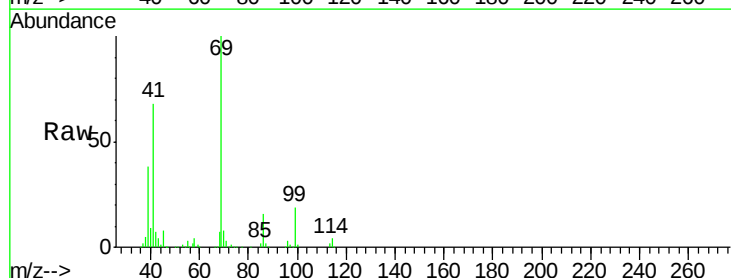


Abundance Ion 96.90 (96.60 to 97.60): VU0
 Ion 82.90 (82.60 to 83.60): VU0
 Ion 84.90 (84.60 to 85.60): VU0
 Ion 98.90 (98.60 to 99.60): VU0

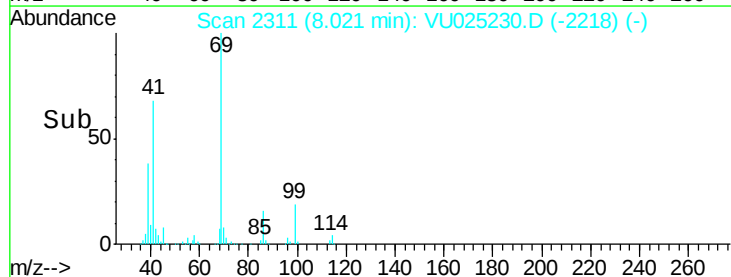
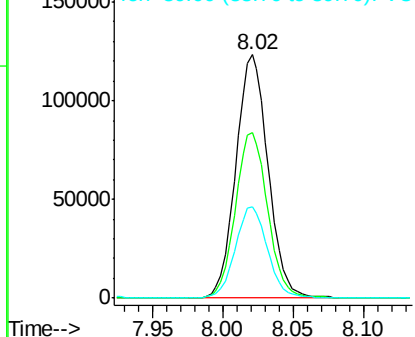


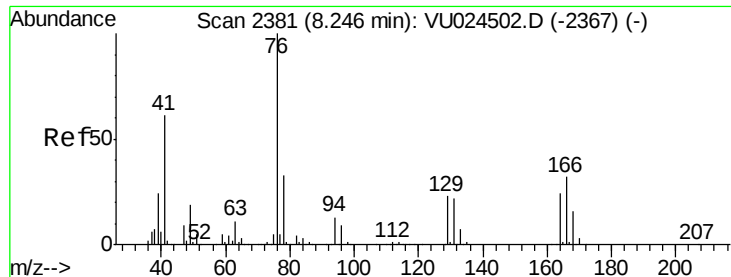
#56
 Ethyl methacrylate
 Concen: 52.36 ug/l
 RT: 8.02 min Scan# 2311
 Delta R.T. 0.00 min
 Lab File: VU025230.D
 Acq: 05 Jul 2018 21:07

Tgt Ion:	69	Resp:	197459
Ion	Ratio	Lower	Upper
69	100		
41	68.3	54.1	81.1
39	37.2	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: 55.10 ug/l

RT: 8.25 min Scan# 2381

Delta R.T. 0.00 min

Lab File: VU025230.D

Acq: 05 Jul 2018 21:07

Instrument :

MSVOA_U

ClientSampleId :

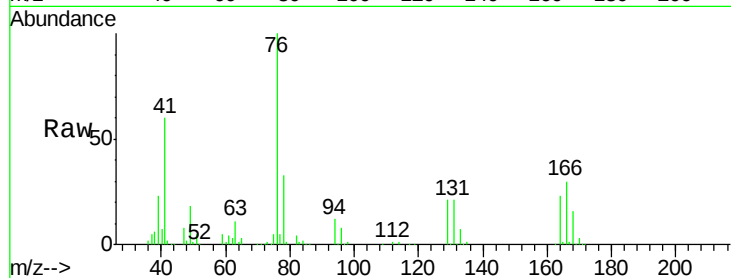
VSTDCCC050EC

Tot Ion: 76 Resp: 209422

Ion Ratio Lower Upper

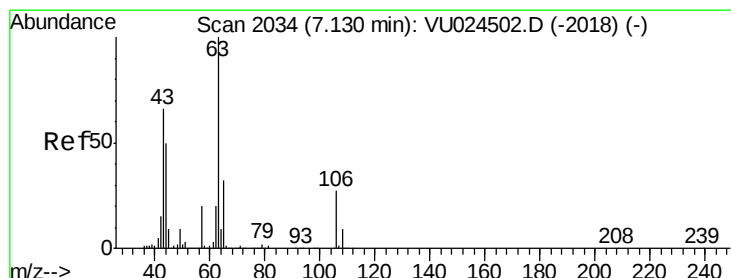
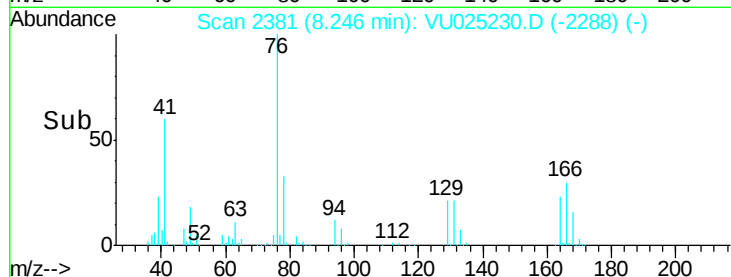
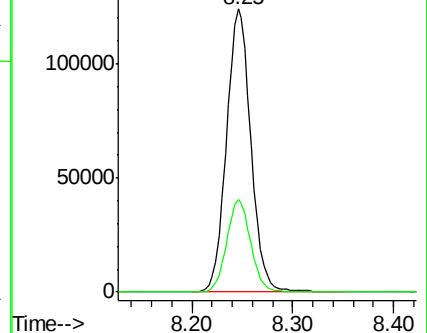
76 100

78 32.2 25.2 37.8



Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0



#58

2-Chloroethyl Vinyl ether

Concen: 273.19 ug/l

RT: 7.13 min Scan# 2034

Delta R.T. 0.00 min

Lab File: VU025230.D

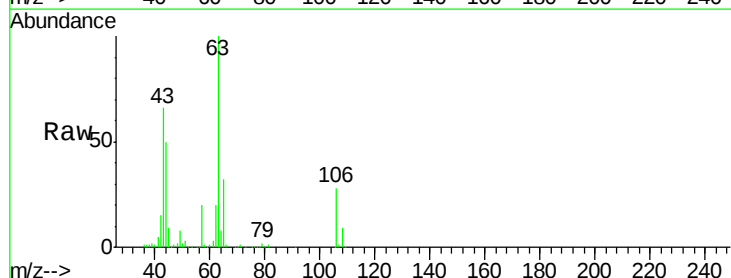
Acq: 05 Jul 2018 21:07

Tgt Ion: 63 Resp: 394668

Ion Ratio Lower Upper

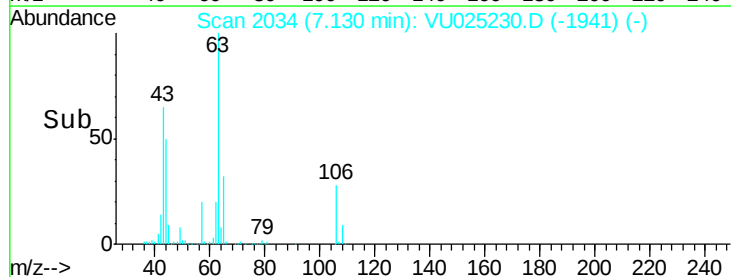
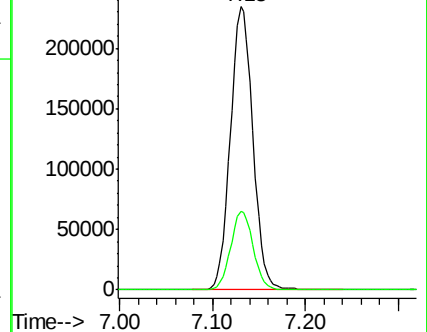
63 100

106 27.9 20.2 30.2



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 105.90 (105.60 to 106.60): V

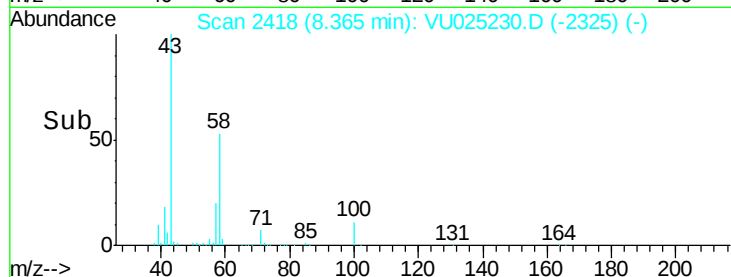
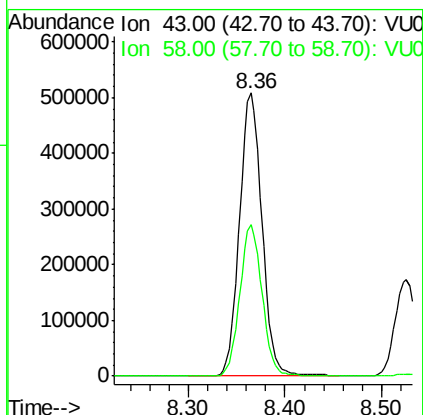
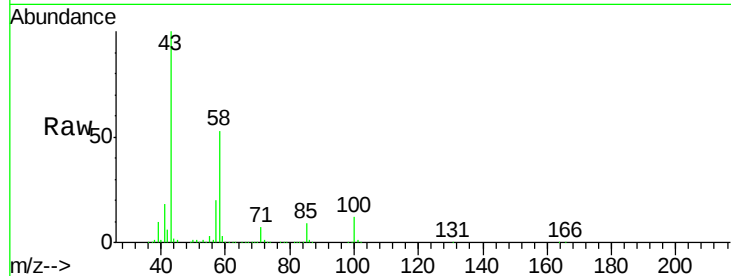




#59
2-Hexanone
Concen: 280.66 ug/l
RT: 8.36 min Scan# 2418
Delta R.T. 0.00 min
Lab File: VU025230.D
Acq: 05 Jul 2018 21:07

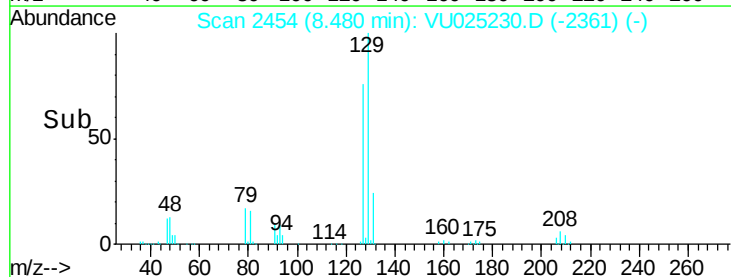
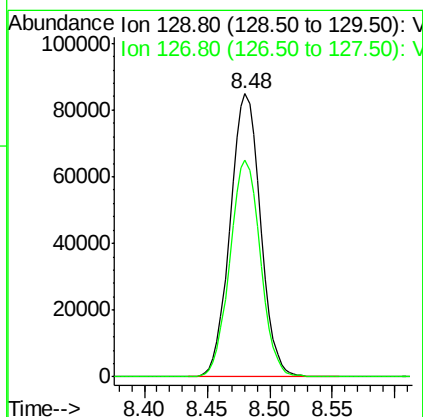
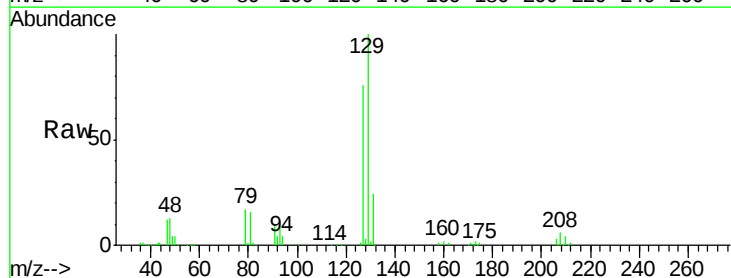
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 819974
Ion Ratio Lower Upper
43 100
58 53.1 26.4 79.0



#60
Dibromochloromethane
Concen: 50.87 ug/l
RT: 8.48 min Scan# 2454
Delta R.T. 0.00 min
Lab File: VU025230.D
Acq: 05 Jul 2018 21:07

Tgt Ion: 129 Resp: 142910
Ion Ratio Lower Upper
129 100
127 77.0 38.6 116.0





#61

1,2-Dibromoethane

Concen: 54.75 ug/l

RT: 8.59 min Scan# 2488

Delta R.T. 0.00 min

Lab File: VU025230.D

Acq: 05 Jul 2018 21:07

Instrument :

MSVOA_U

ClientSampleId :

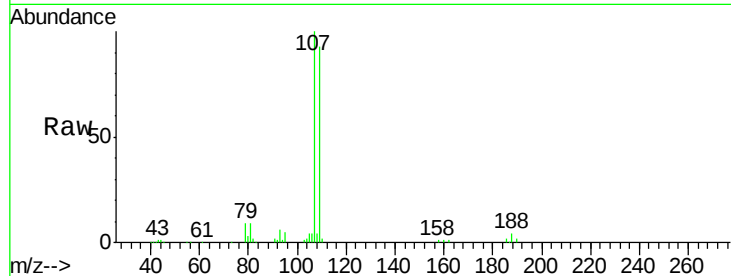
VSTDCCC050EC

Tot Ion:107 Resp: 137307

Ion Ratio Lower Upper

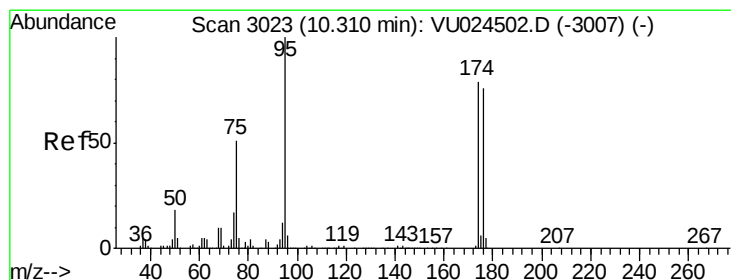
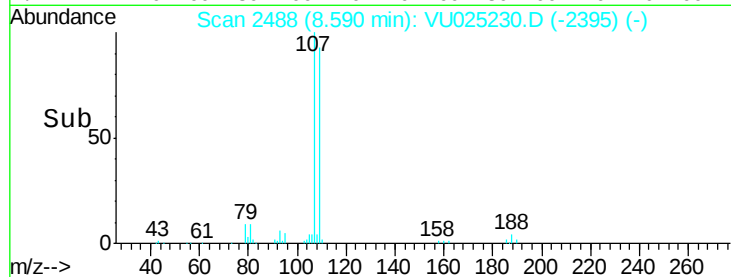
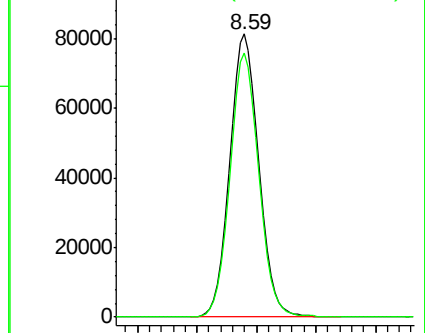
107 100

109 92.8 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: 43.99 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU025230.D

Acq: 05 Jul 2018 21:07

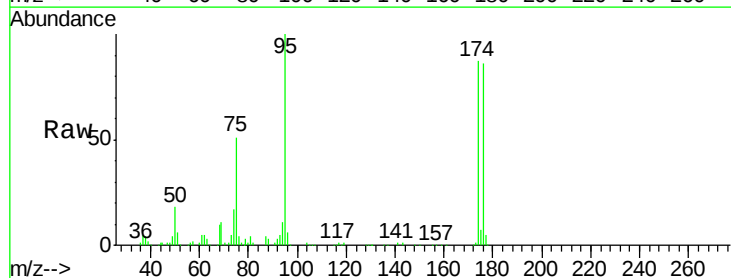
Tgt Ion: 95 Resp: 136043

Ion Ratio Lower Upper

95 100

174 86.4 0.0 165.8

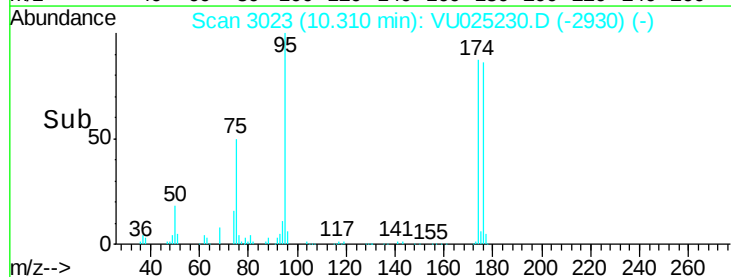
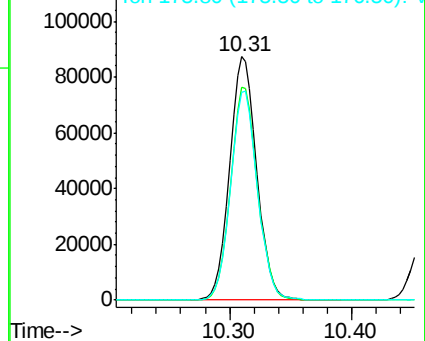
176 85.2 0.0 159.4



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

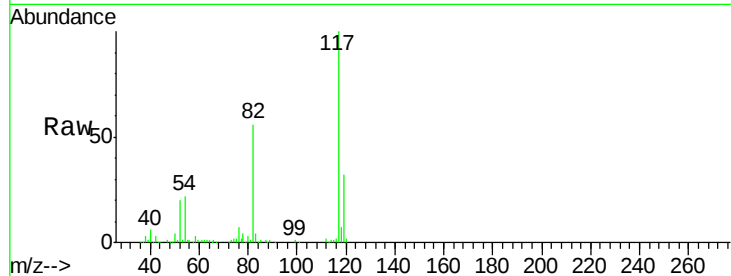




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VU025230.D
Acq: 05 Jul 2018 21:07

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.4	44.3	66.5
119	32.4	25.4	38.2

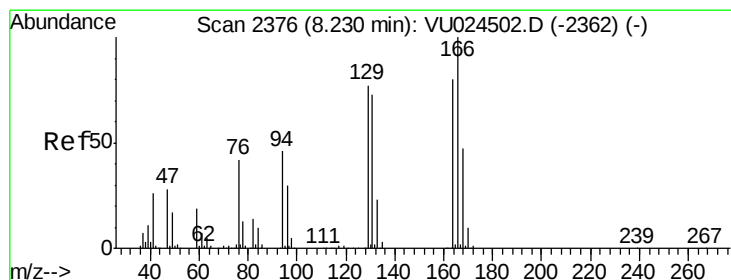
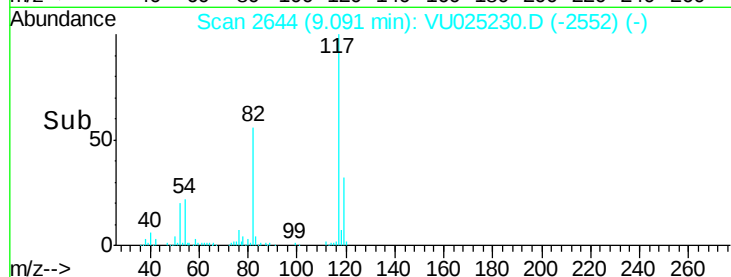
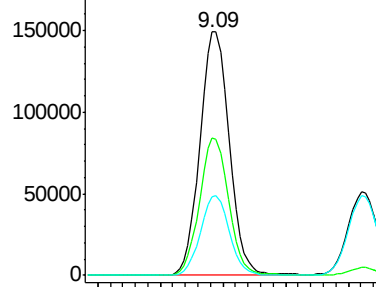


Abundance

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: 50.20 ug/l
RT: 8.23 min Scan# 2376
Delta R.T. 0.00 min
Lab File: VU025230.D
Acq: 05 Jul 2018 21:07

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.7	101.7	152.5
129	93.8	76.9	115.3
131	89.6	74.9	112.3

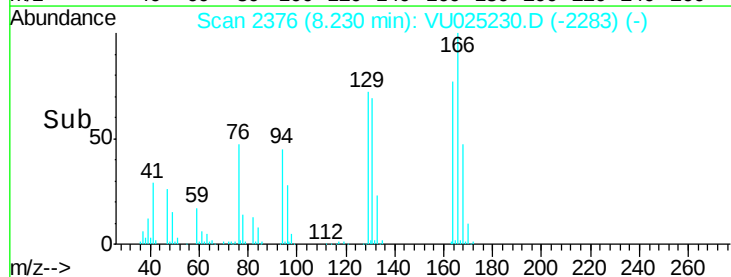
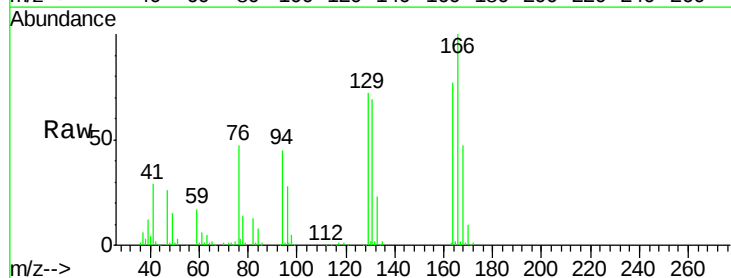
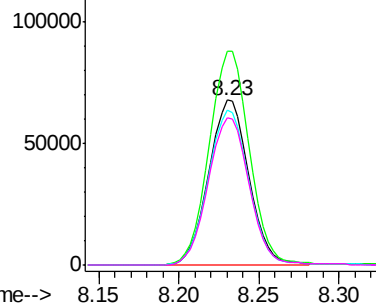
Abundance

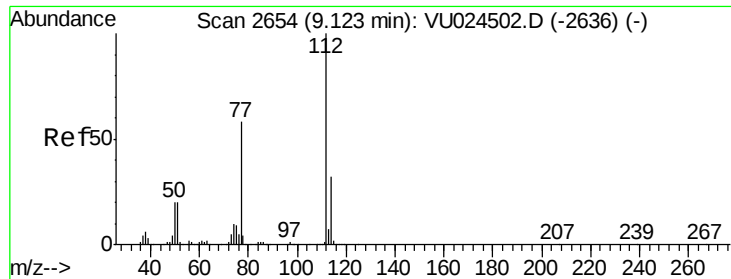
Ion 163.80 (163.50 to 164.50): V

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

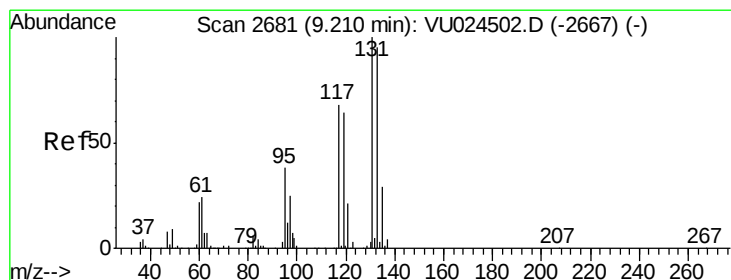
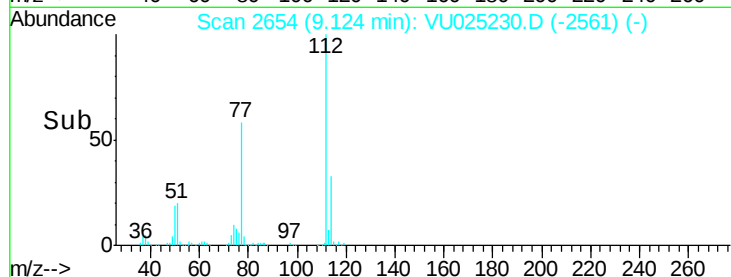
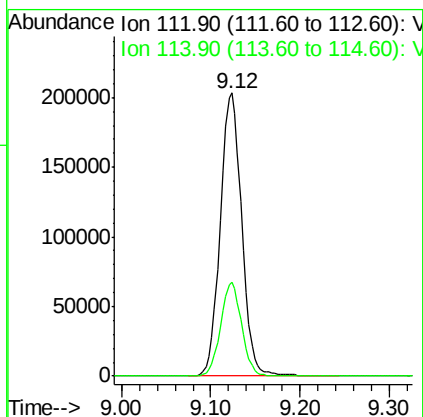
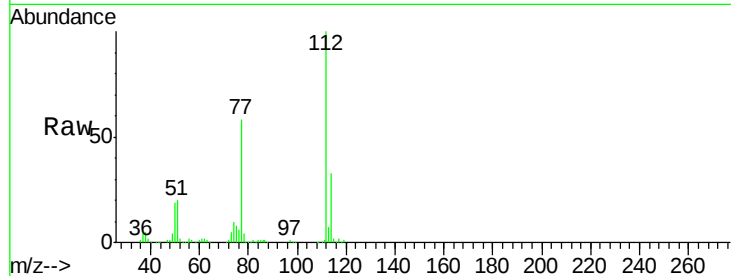




#65
Chlorobenzene
Concen: 54.56 ug/l
RT: 9.12 min Scan# 2654
Delta R.T. 0.00 min
Lab File: VU025230.D
Acq: 05 Jul 2018 21:07

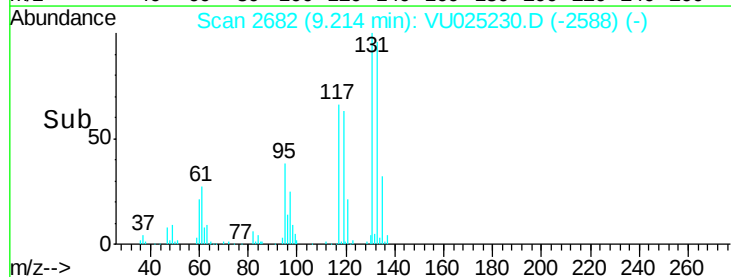
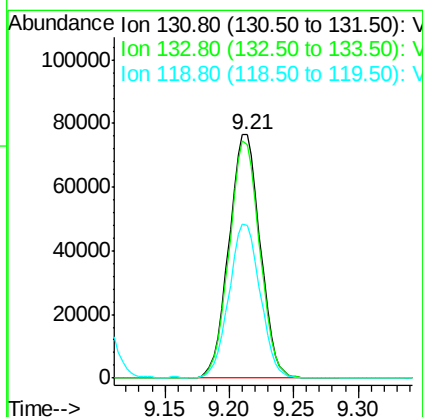
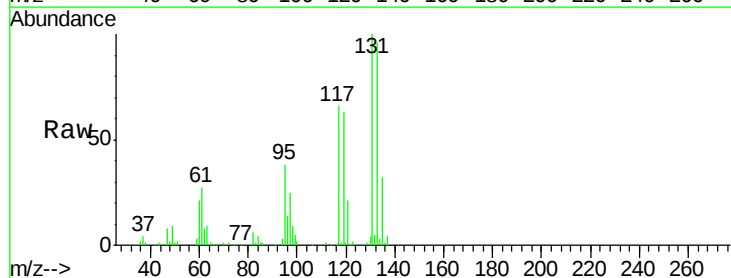
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

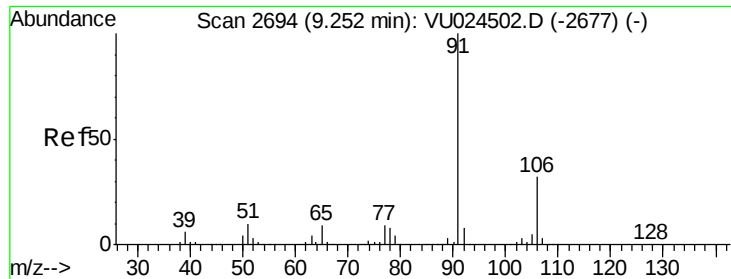
Tot Ion:112 Resp: 338963
Ion Ratio Lower Upper
112 100
114 33.1 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 54.57 ug/l
RT: 9.21 min Scan# 2682
Delta R.T. 0.00 min
Lab File: VU025230.D
Acq: 05 Jul 2018 21:07

Tgt Ion:131 Resp: 128815
Ion Ratio Lower Upper
131 100
133 94.9 46.9 140.8
119 63.0 33.5 100.4

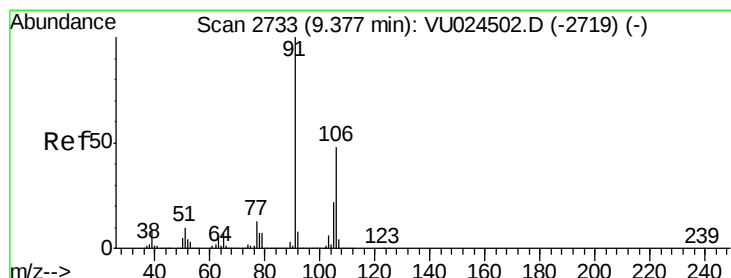
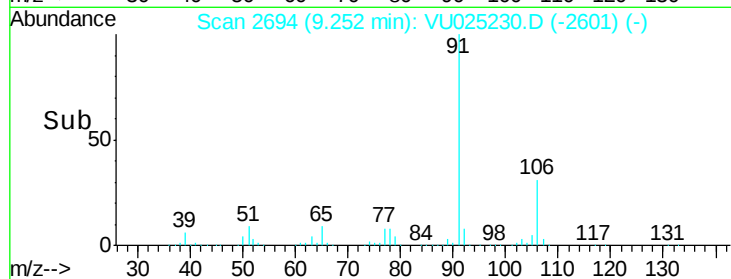
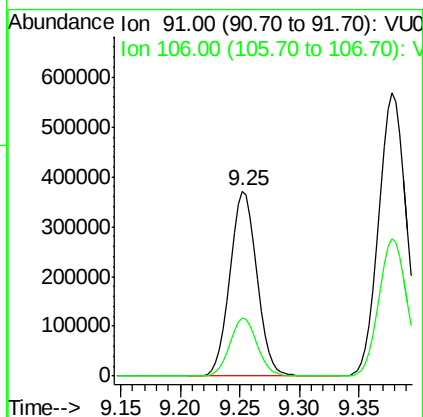
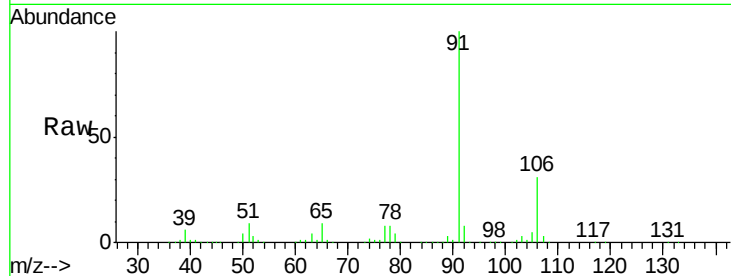




#67
Ethyl Benzene
Concen: 53.76 ug/l
RT: 9.25 min Scan# 2694
Delta R.T. 0.00 min
Lab File: VU025230.D
Acq: 05 Jul 2018 21:07

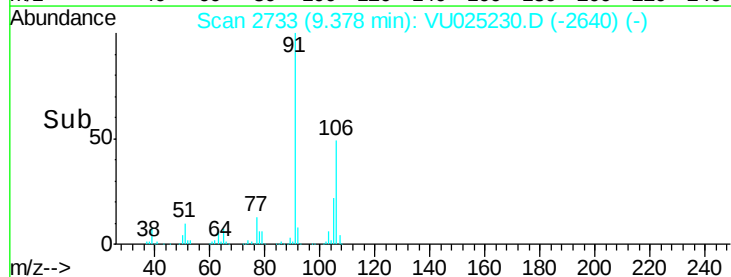
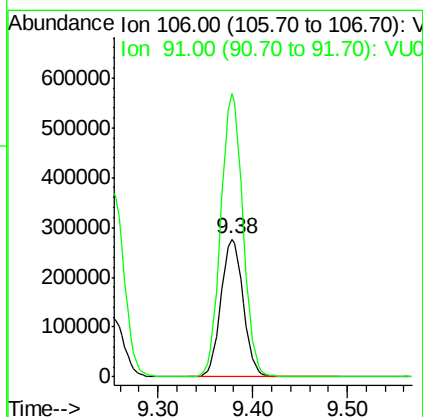
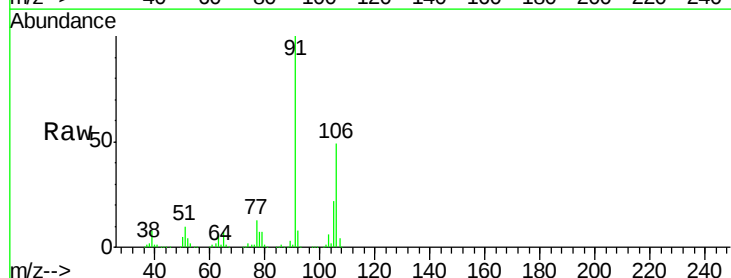
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 585521
Ion Ratio Lower Upper
91 100
106 31.4 24.2 36.4



#68
m/p-Xylenes
Concen: 108.21 ug/l
RT: 9.38 min Scan# 2733
Delta R.T. 0.00 min
Lab File: VU025230.D
Acq: 05 Jul 2018 21:07

Tgt Ion: 106 Resp: 452588
Ion Ratio Lower Upper
106 100
91 204.7 166.5 249.7

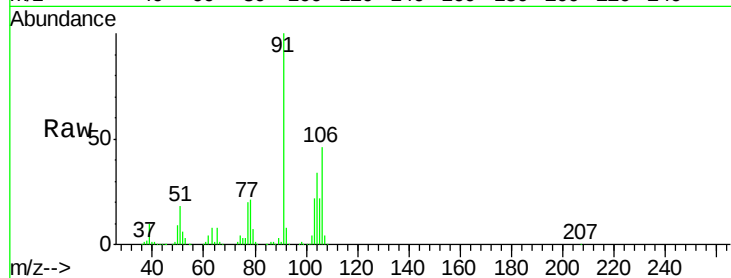




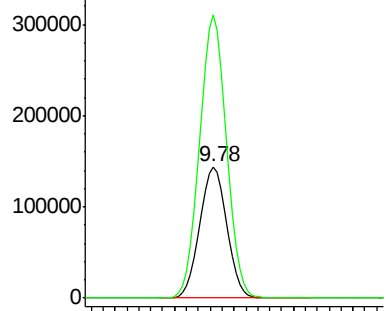
#69
o-Xylene
Concen: 55.02 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. 0.00 min
Lab File: VU025230.D
Acq: 05 Jul 2018 21:07

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

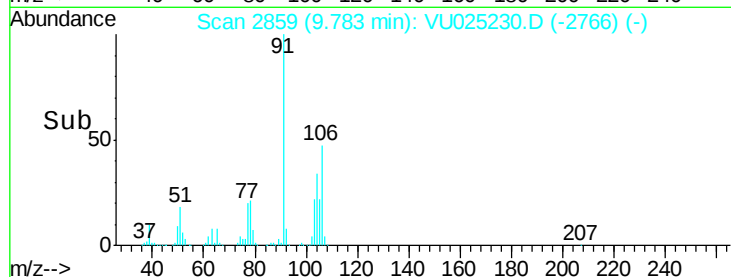
Tot Ion:106 Resp: 227744
Ion Ratio Lower Upper
106 100
91 213.5 110.7 331.9



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

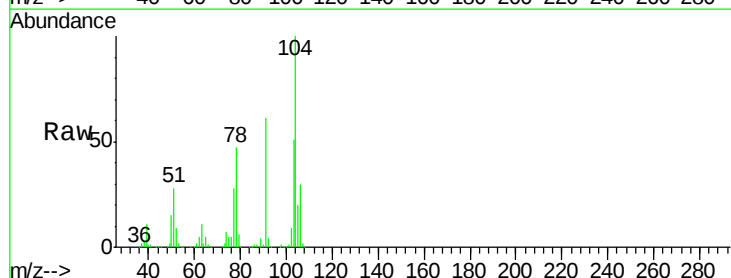


Time-->

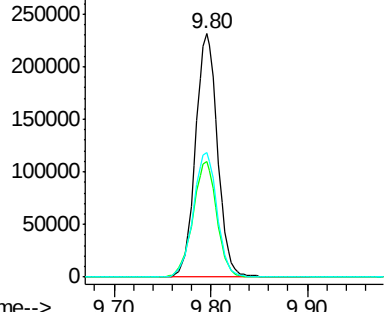


#70
Styrene
Concen: 53.78 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. 0.00 min
Lab File: VU025230.D
Acq: 05 Jul 2018 21:07

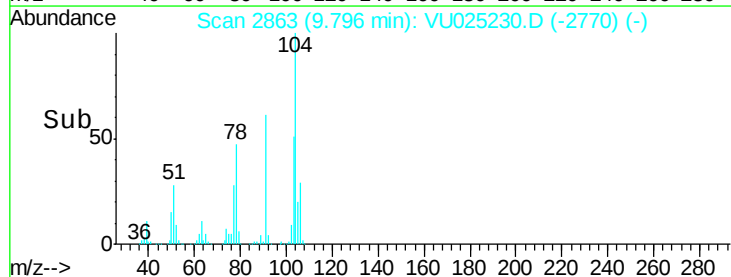
Tgt Ion:104 Resp: 365798
Ion Ratio Lower Upper
104 100
78 51.5 40.6 60.8
103 55.0 44.7 67.1

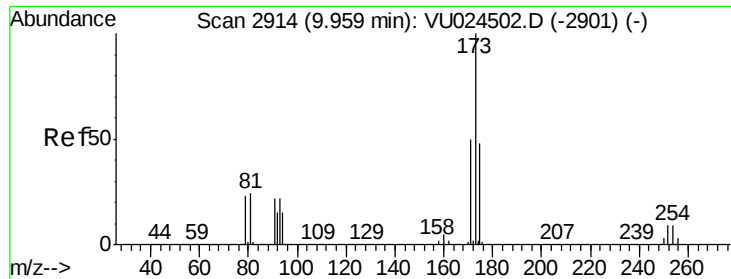


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VU0
Ion 103.00 (102.70 to 103.70): V



Time-->





#71

Bromoform

Concen: 49.67 ug/l

RT: 9.96 min Scan# 2915

Delta R.T. 0.00 min

Lab File: VU025230.D

Acq: 05 Jul 2018 21:07

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

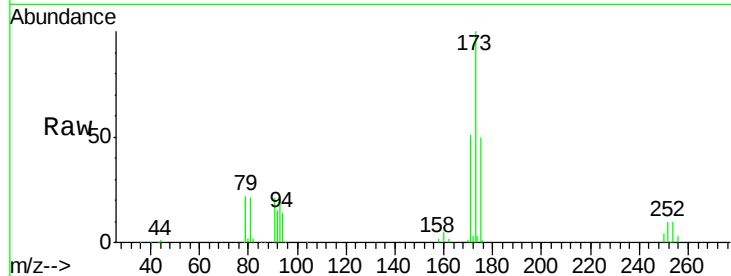
Tot Ion:173 Resp: 111435

Ion Ratio Lower Upper

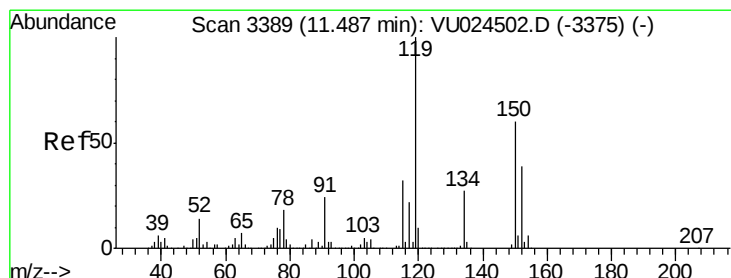
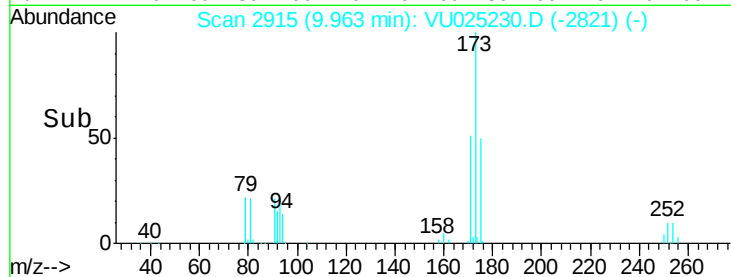
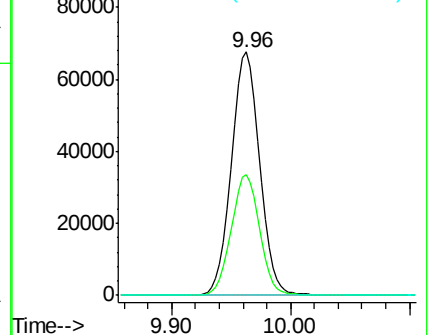
173 100

175 49.5 24.6 74.0

254 0.0 0.0 0.0#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VU025230.D

Acq: 05 Jul 2018 21:07

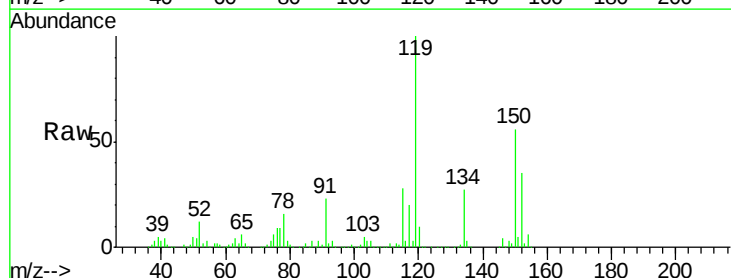
Tgt Ion:152 Resp: 149828

Ion Ratio Lower Upper

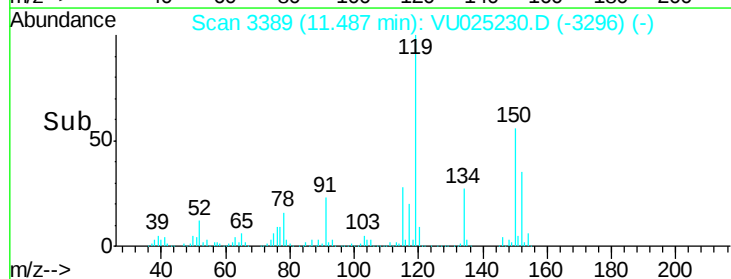
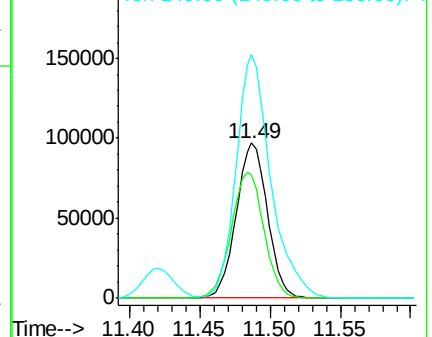
152 100

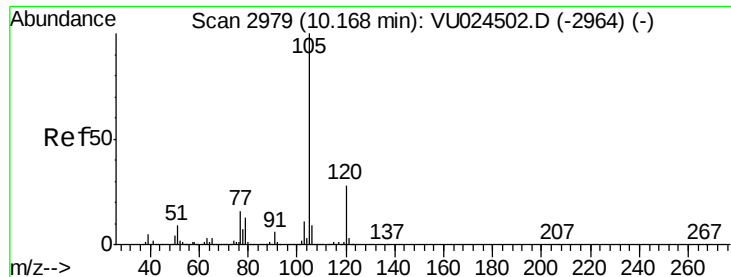
115 85.2 43.0 129.0

150 174.6 0.0 354.0



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





#73

Isopropylbenzene

Concen: 52.86 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. 0.00 min

Lab File: VU025230.D

Acq: 05 Jul 2018 21:07

Instrument :

MSVOA_U

ClientSampleId :

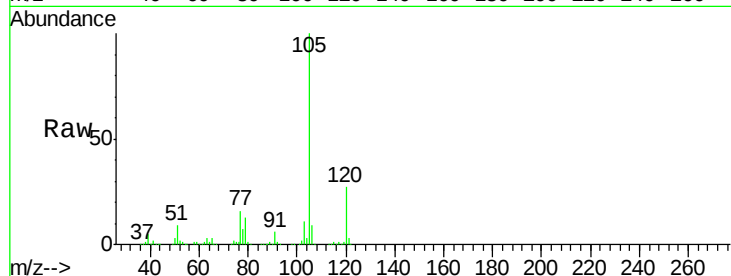
VSTDCCC050EC

Tot Ion:105 Resp: 608068

Ion Ratio Lower Upper

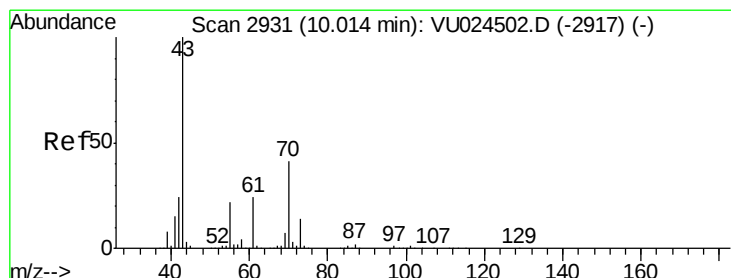
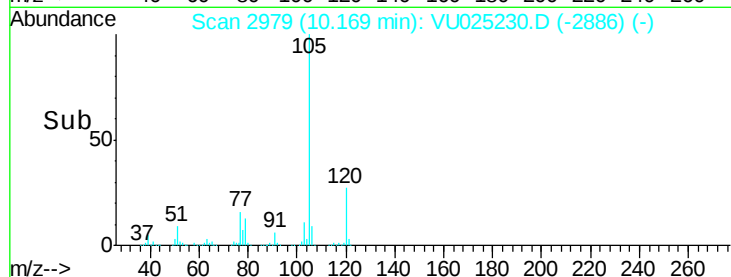
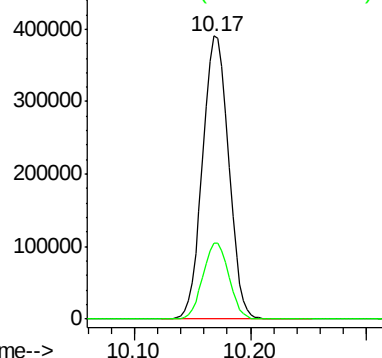
105 100

120 26.9 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: 49.45 ug/l

RT: 10.01 min Scan# 2931

Delta R.T. 0.00 min

Lab File: VU025230.D

Acq: 05 Jul 2018 21:07

Tgt Ion: 43 Resp: 270566

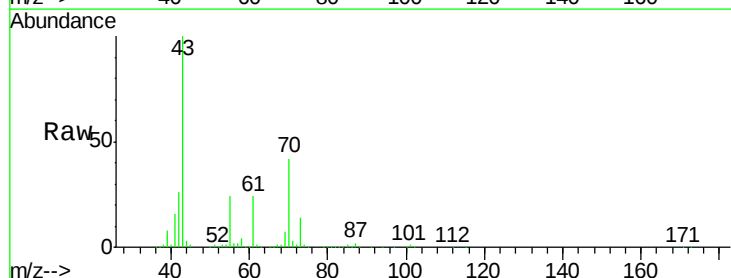
Ion Ratio Lower Upper

43 100

70 42.2 32.2 48.4

55 24.0 20.5 30.7

61 24.1 18.7 28.1

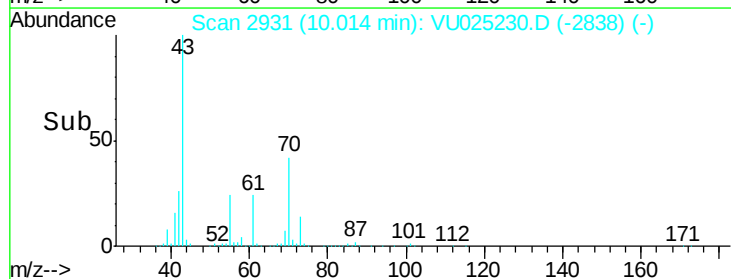
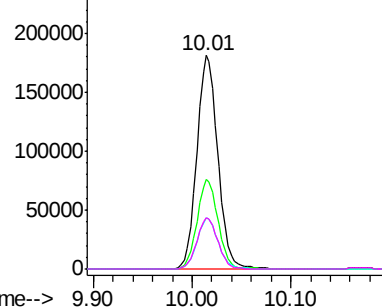


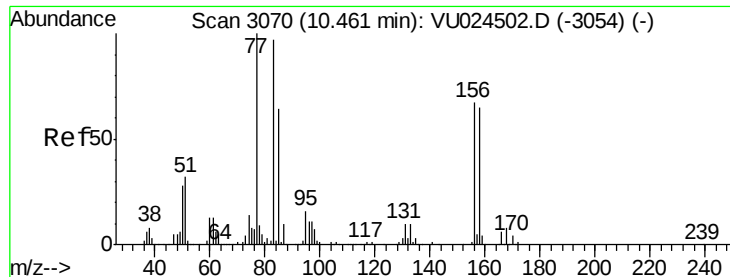
Abundance Ion 43.00 (42.70 to 43.70): VU0

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: 55.92 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. 0.00 min

Lab File: VU025230.D

Acq: 05 Jul 2018 21:07

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

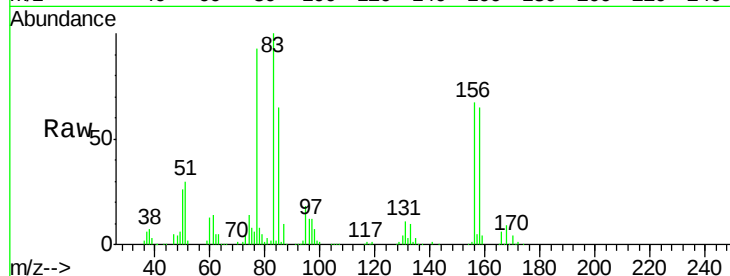
Tot Ion: 83 Resp: 215549

Ion Ratio Lower Upper

83 100

131 11.0 4.7 14.1

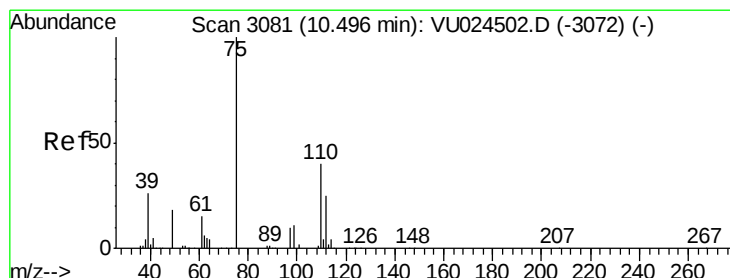
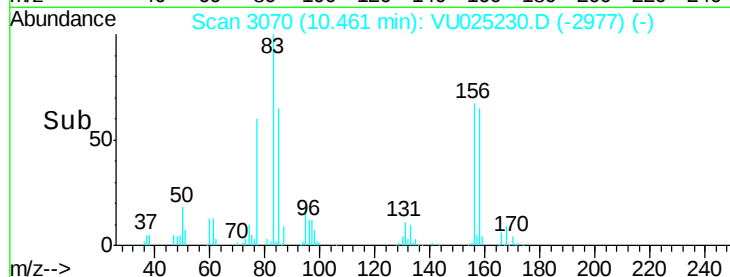
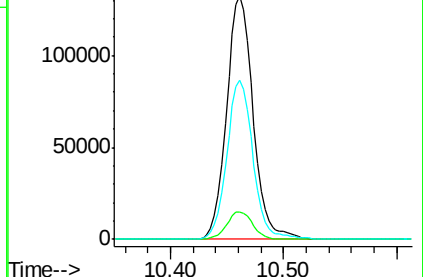
85 64.6 32.5 97.5



Abundance Ion 82.90 (82.60 to 83.60): VU025230.D (-2977) (-)

Ion 130.80 (130.50 to 131.50): VU025230.D (-2977) (-)

Ion 84.90 (84.60 to 85.60): VU025230.D (-2977) (-)



#76

1,2,3-Trichloropropane

Concen: 76.43 ug/l

RT: 10.50 min Scan# 3081

Delta R.T. 0.00 min

Lab File: VU025230.D

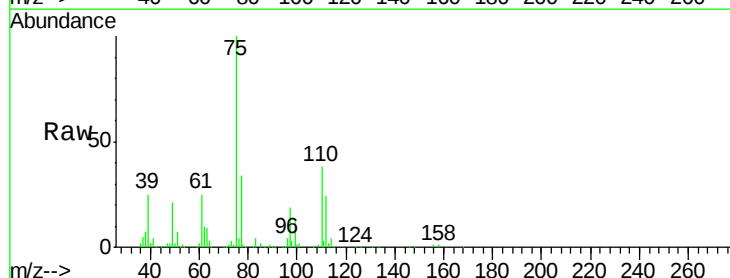
Acq: 05 Jul 2018 21:07

Tgt Ion: 75 Resp: 252106

Ion Ratio Lower Upper

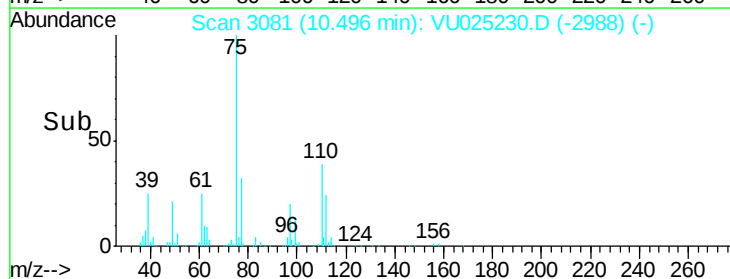
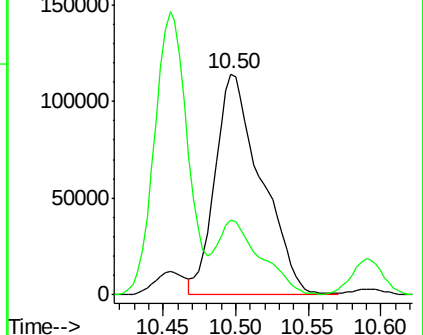
75 100

77 30.5 20.9 62.7



Abundance Ion 74.90 (74.60 to 75.60): VU025230.D (-2988) (-)

Ion 77.00 (76.70 to 77.70): VU025230.D (-2988) (-)





#77

Bromobenzene

Concen: 55.22 ug/l

RT: 10.45 min Scan# 3068

Delta R.T. 0.00 min

Lab File: VU025230.D

Acq: 05 Jul 2018 21:07

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

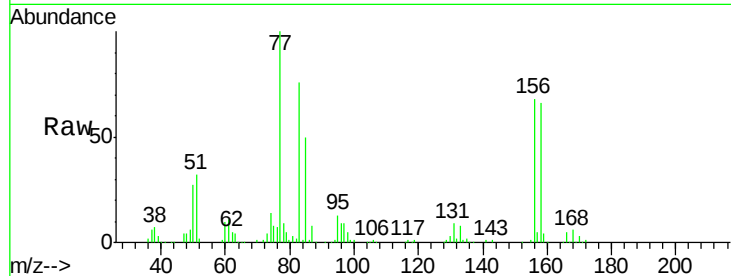
Tot Ion:156 Resp: 160804

Ion Ratio Lower Upper

156 100

77 144.5 80.5 241.3

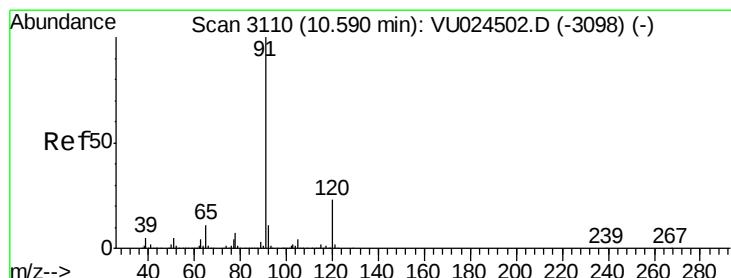
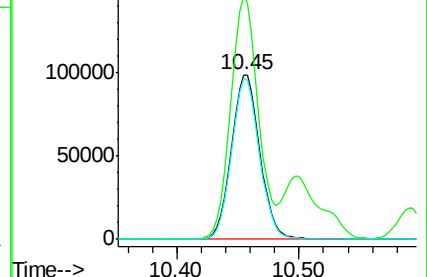
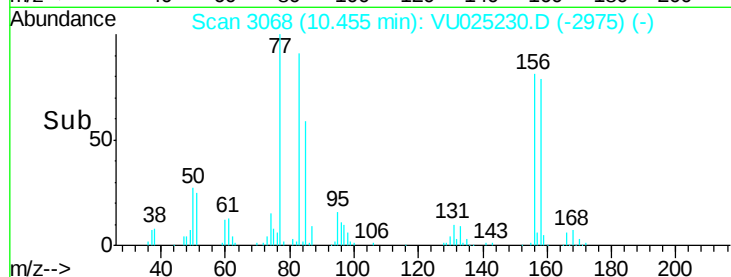
158 95.8 48.2 144.6



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: 50.52 ug/l

RT: 10.59 min Scan# 3110

Delta R.T. 0.00 min

Lab File: VU025230.D

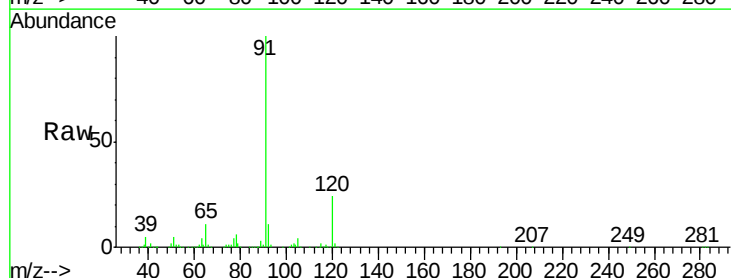
Acq: 05 Jul 2018 21:07

Tgt Ion: 91 Resp: 684514

Ion Ratio Lower Upper

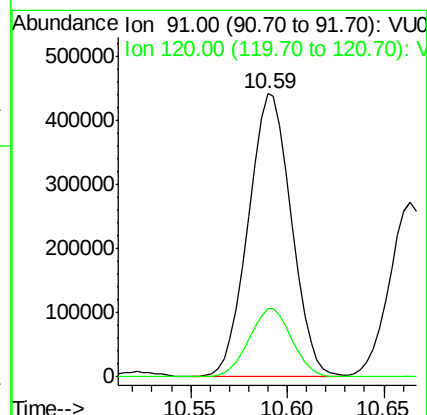
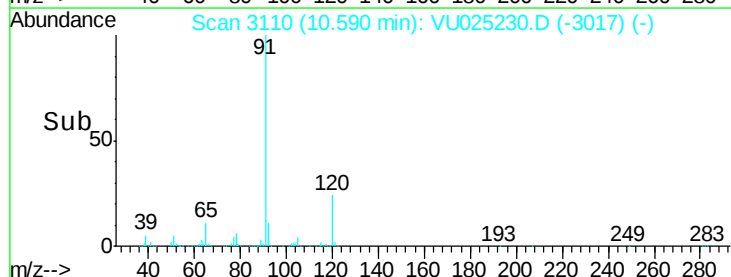
91 100

120 24.0 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: 52.63 ug/l

RT: 10.66 min Scan# 3133

Delta R.T. 0.00 min

Lab File: VU025230.D

Acq: 05 Jul 2018 21:07

Instrument :

MSVOA_U

ClientSampleId :

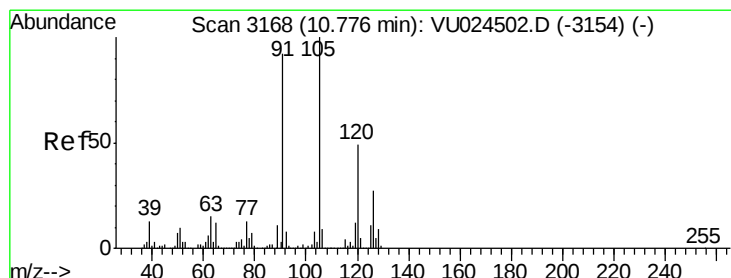
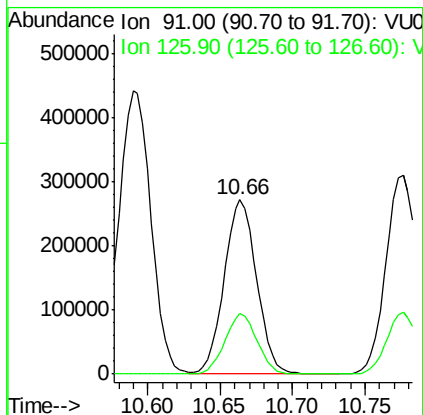
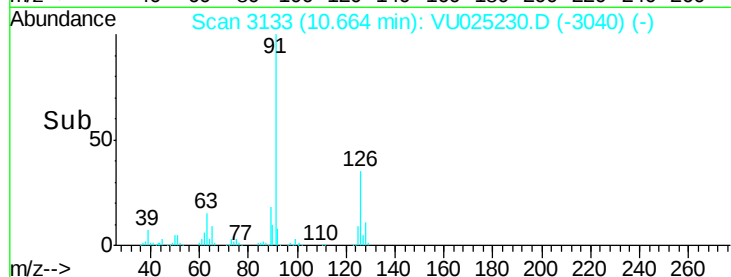
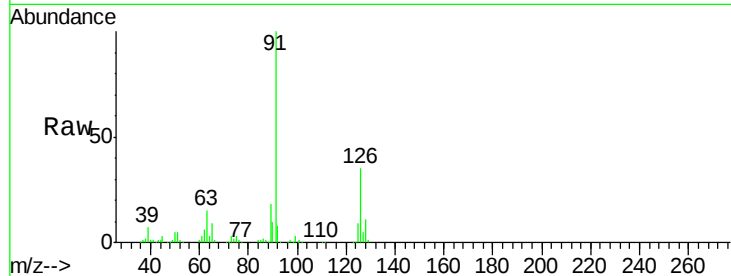
VSTDCCC050EC

Tot Ion: 91 Resp: 420579

Ion Ratio Lower Upper

91 100

126 34.5 16.9 50.7



#80

1,3,5-Trimethylbenzene

Concen: 52.80 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU025230.D

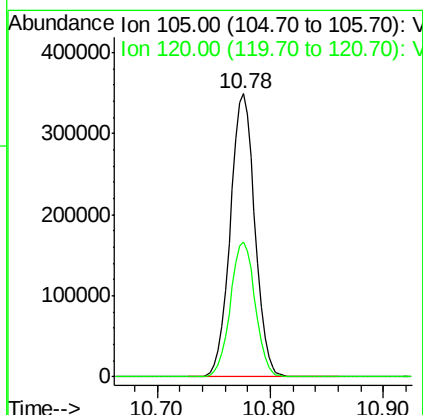
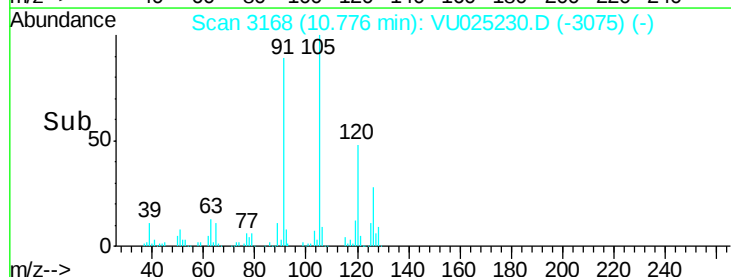
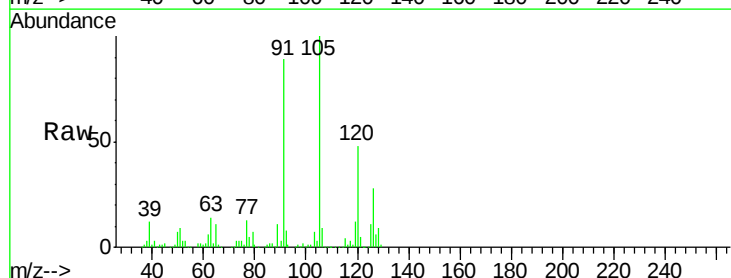
Acq: 05 Jul 2018 21:07

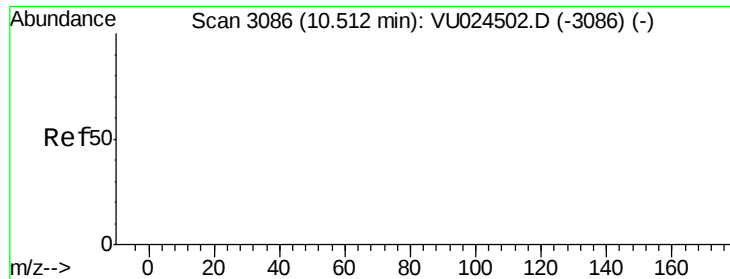
Tgt Ion: 105 Resp: 526469

Ion Ratio Lower Upper

105 100

120 48.2 24.1 72.2

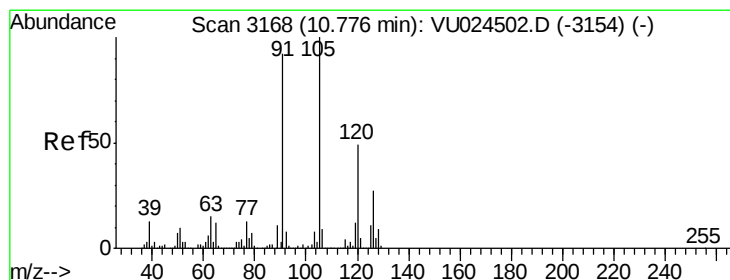
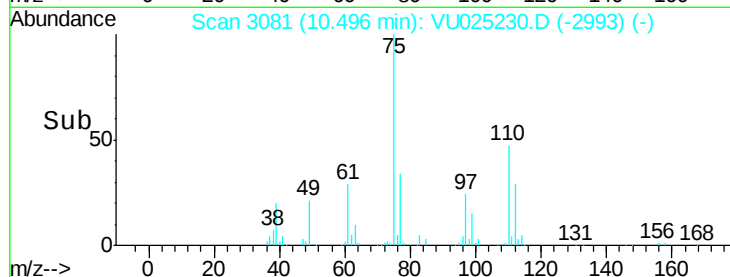
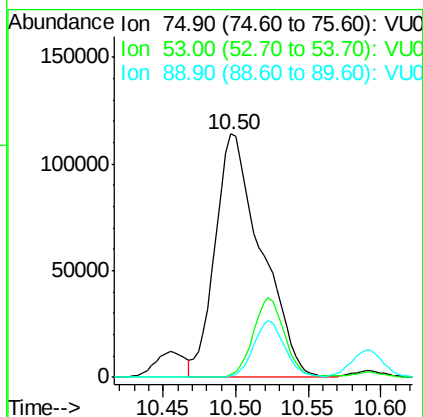
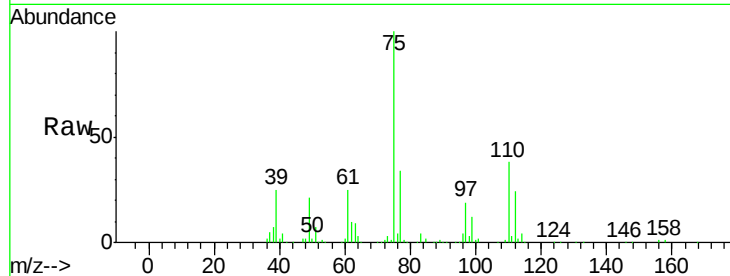




#81
trans-1,4-Dichloro-2-butene
Concen: 176.88 ug/l
RT: 10.50 min Scan# 3081
Delta R.T. -0.02 min
Lab File: VU025230.D
Acq: 05 Jul 2018 21:07

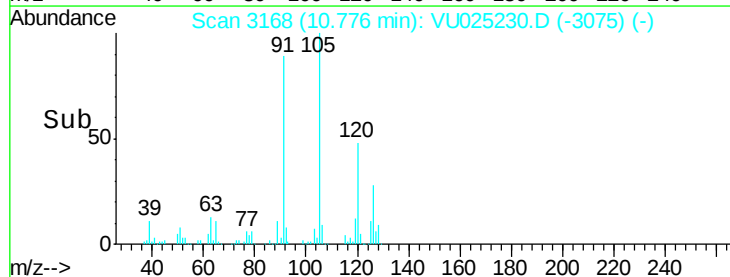
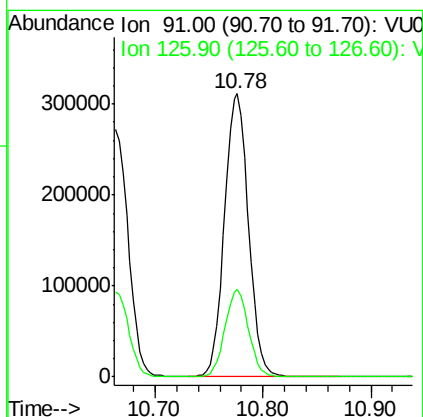
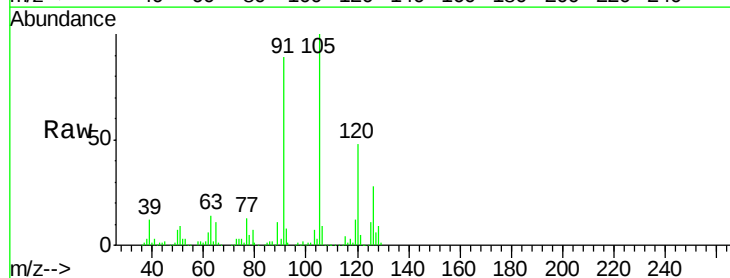
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 252106
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0



#82
4-Chlorotoluene
Concen: 51.79 ug/l
RT: 10.78 min Scan# 3168
Delta R.T. 0.00 min
Lab File: VU025230.D
Acq: 05 Jul 2018 21:07

Tgt Ion: 91 Resp: 481684
Ion Ratio Lower Upper
91 100
126 30.5 14.9 44.9

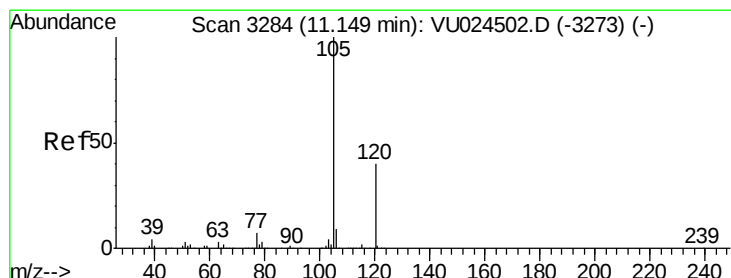
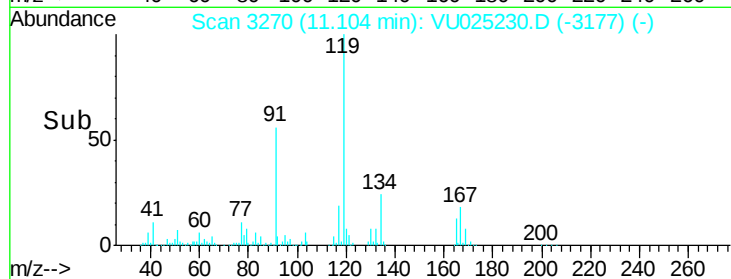
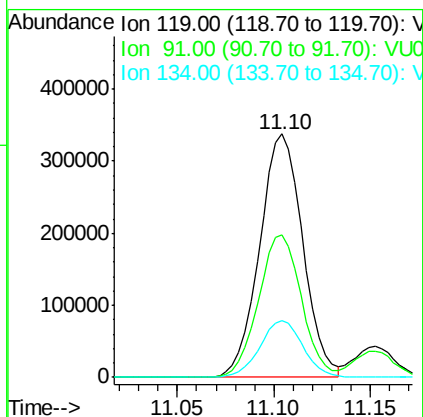
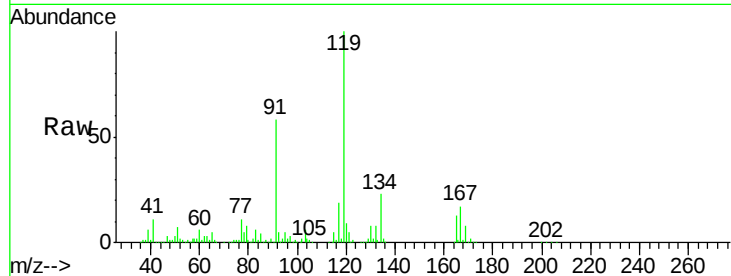




#83
 tert-Butylbenzene
 Concen: 54.84 ug/l
 RT: 11.10 min Scan# 3270
 Delta R.T. 0.00 min
 Lab File: VU025230.D
 Acq: 05 Jul 2018 21:07

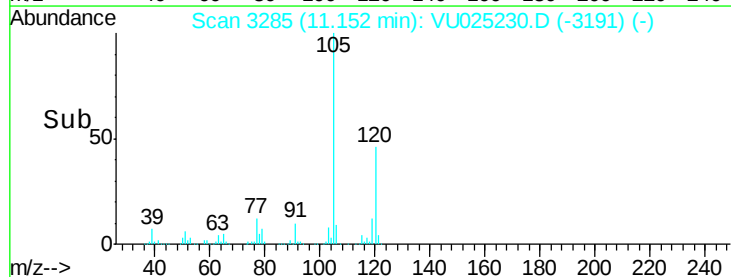
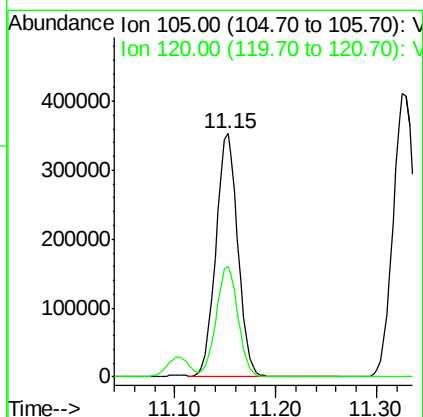
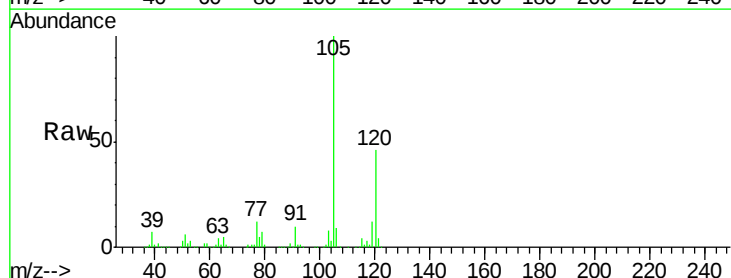
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

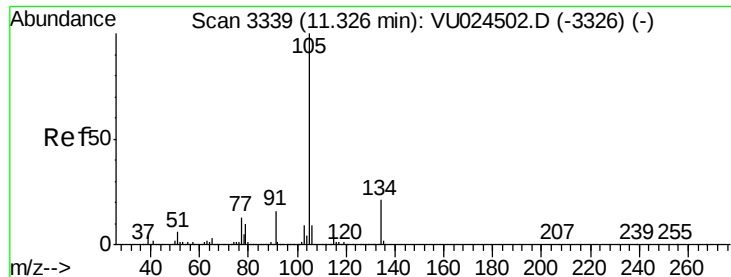
Tot Ion:119 Resp: 525999
 Ion Ratio Lower Upper
 119 100
 91 58.3 29.7 89.1
 134 23.2 11.6 34.7



#84
 1,2,4-Trimethylbenzene
 Concen: 52.63 ug/l
 RT: 11.15 min Scan# 3285
 Delta R.T. 0.00 min
 Lab File: VU025230.D
 Acq: 05 Jul 2018 21:07

Tgt Ion:105 Resp: 534769
 Ion Ratio Lower Upper
 105 100
 120 45.2 22.6 67.8





#85

sec-Butylbenzene

Concen: 52.00 ug/l

RT: 11.33 min Scan# 3339

Delta R.T. 0.00 min

Lab File: VU025230.D

Acq: 05 Jul 2018 21:07

Instrument :

MSVOA_U

ClientSampleId :

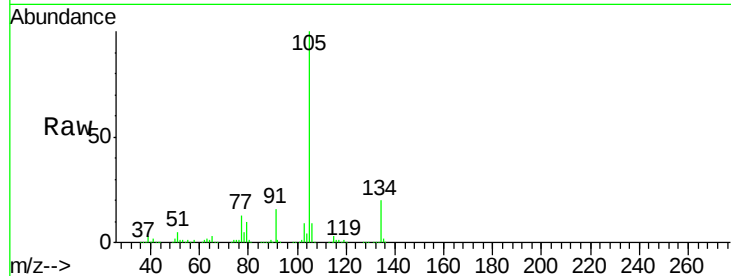
VSTDCCC050EC

Tot Ion:105 Resp: 624285

Ion Ratio Lower Upper

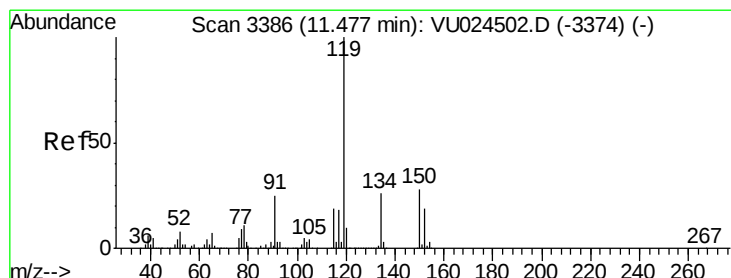
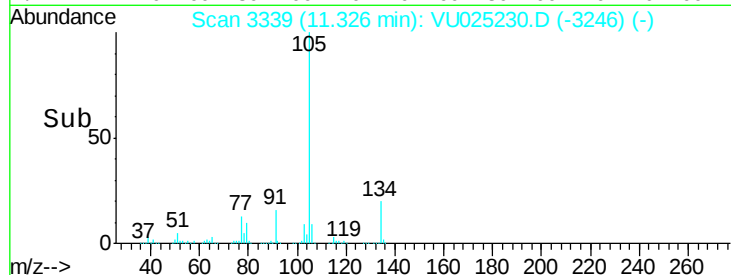
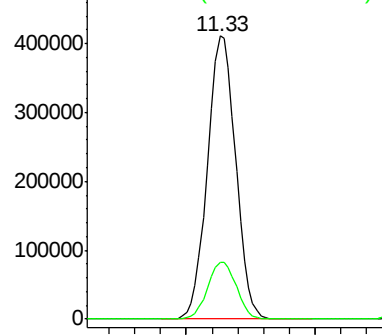
105 100

134 20.6 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: 51.26 ug/l

RT: 11.48 min Scan# 3387

Delta R.T. 0.00 min

Lab File: VU025230.D

Acq: 05 Jul 2018 21:07

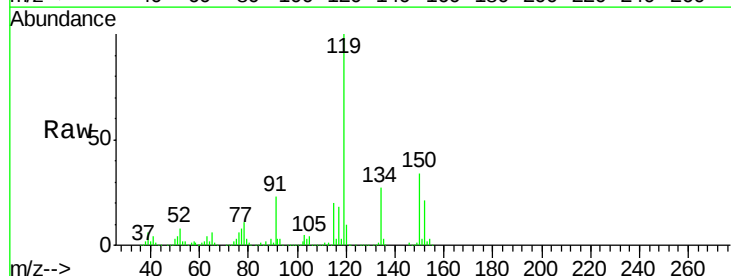
Tgt Ion:119 Resp: 551143

Ion Ratio Lower Upper

119 100

134 27.0 12.9 38.6

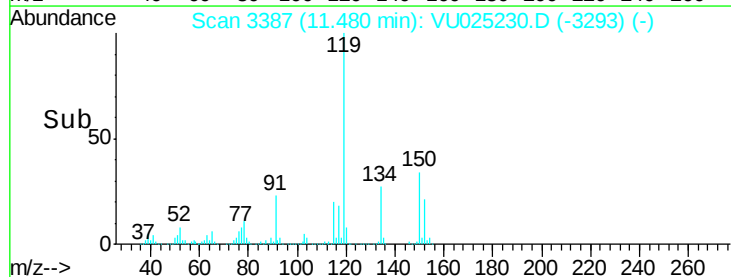
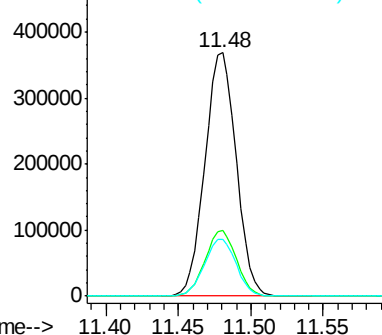
91 23.7 12.0 36.1



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

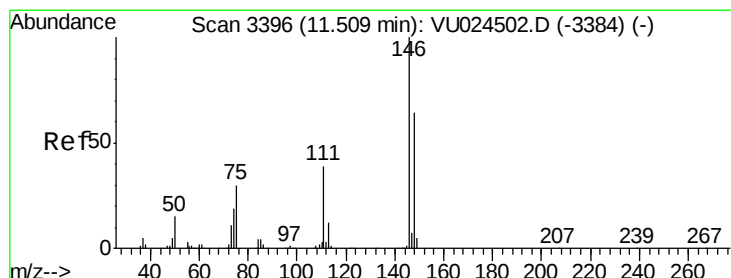
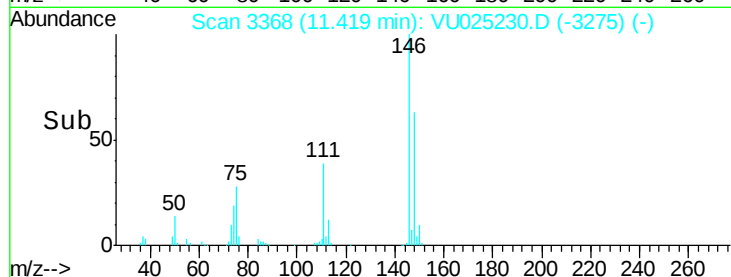
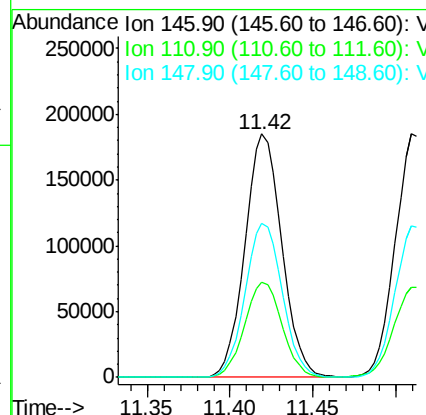
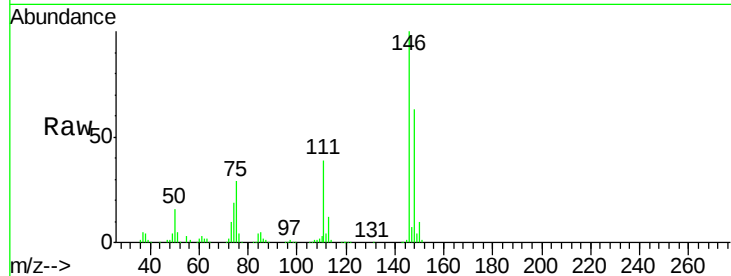




#87
 1,3-Dichlorobenzene
 Concen: 53.14 ug/l
 RT: 11.42 min Scan# 3368
 Delta R.T. 0.00 min
 Lab File: VU025230.D
 Acq: 05 Jul 2018 21:07

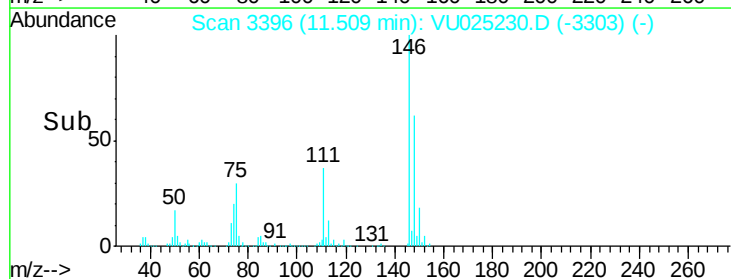
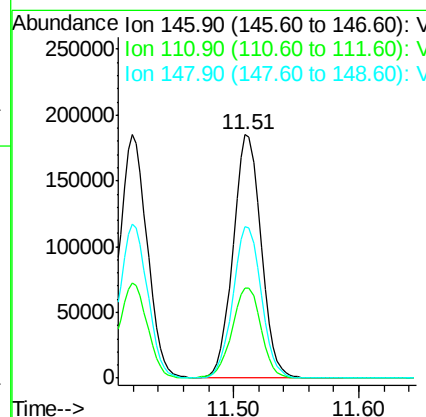
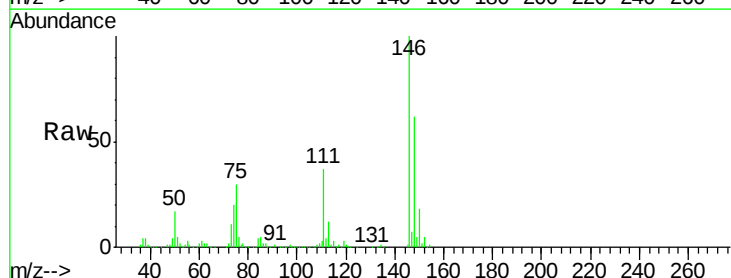
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.8	20.0	60.0
148	64.0	32.1	96.5



#88
 1,4-Dichlorobenzene
 Concen: 52.87 ug/l
 RT: 11.51 min Scan# 3396
 Delta R.T. 0.00 min
 Lab File: VU025230.D
 Acq: 05 Jul 2018 21:07

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.5	58.5
148	63.3	32.4	97.0





#89

n-Butylbenzene

Concen: 46.66 ug/l

RT: 11.89 min Scan# 3515

Delta R.T. 0.00 min

Lab File: VU025230.D

Acq: 05 Jul 2018 21:07

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

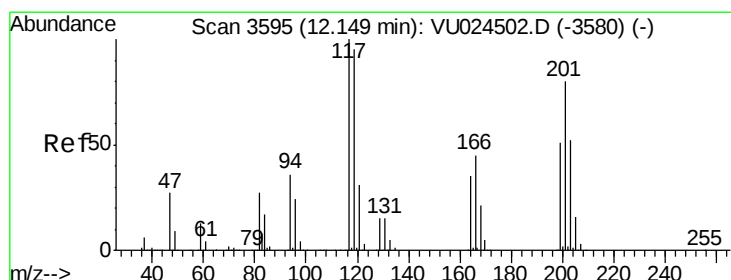
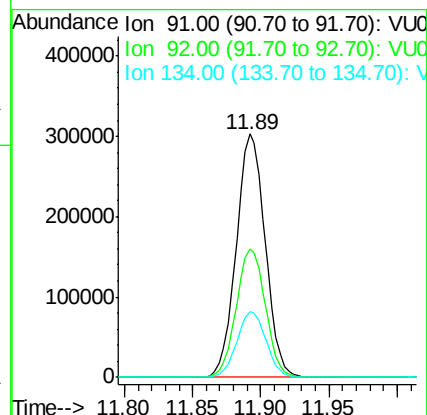
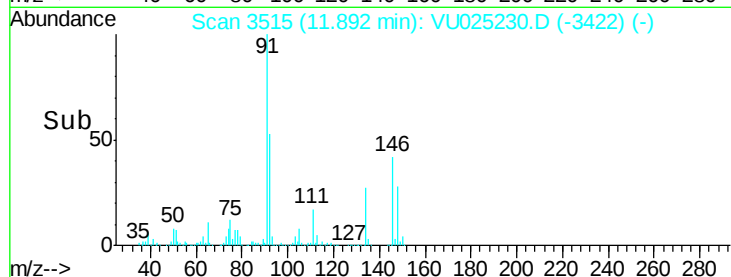
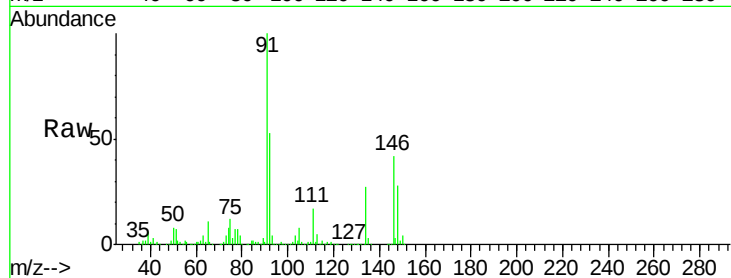
Tot Ion: 91 Resp: 445361

Ion Ratio Lower Upper

91 100

92 53.2 25.6 76.8

134 27.2 12.3 36.8



#90

Hexachloroethane

Concen: 46.08 ug/l

RT: 12.15 min Scan# 3595

Delta R.T. 0.00 min

Lab File: VU025230.D

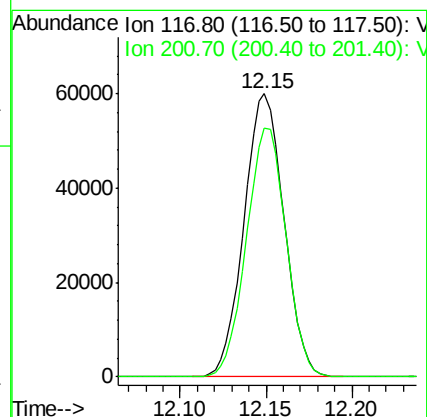
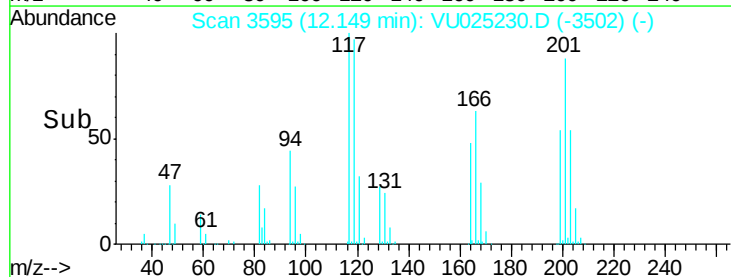
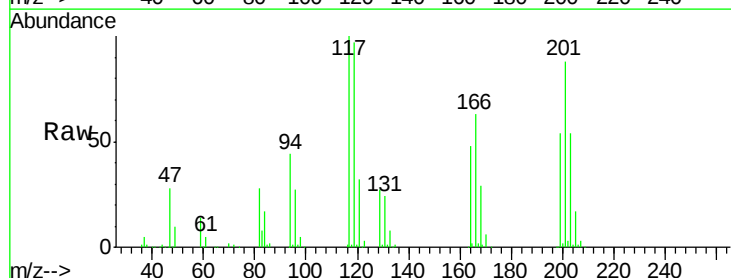
Acq: 05 Jul 2018 21:07

Tgt Ion: 117 Resp: 96641

Ion Ratio Lower Upper

117 100

201 87.2 41.1 123.3





#91

1,2-Dichlorobenzene

Concen: 54.87 ug/l

RT: 11.88 min Scan# 3512

Delta R.T. 0.00 min

Lab File: VU025230.D

Acq: 05 Jul 2018 21:07

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

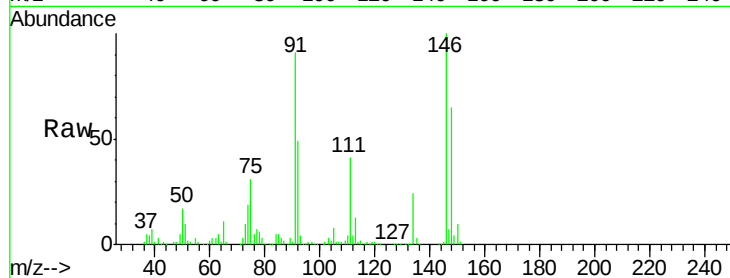
Tot Ion:146 Resp: 295694

Ion Ratio Lower Upper

146 100

111 41.2 20.5 61.6

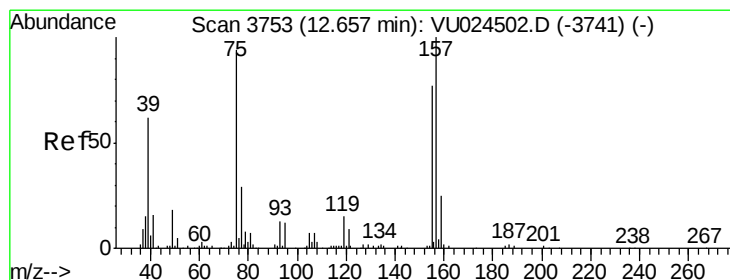
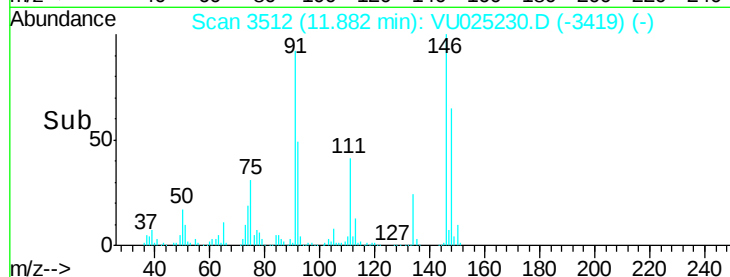
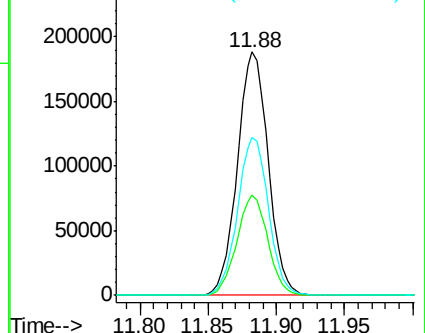
148 65.1 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 54.46 ug/l

RT: 12.66 min Scan# 3754

Delta R.T. 0.00 min

Lab File: VU025230.D

Acq: 05 Jul 2018 21:07

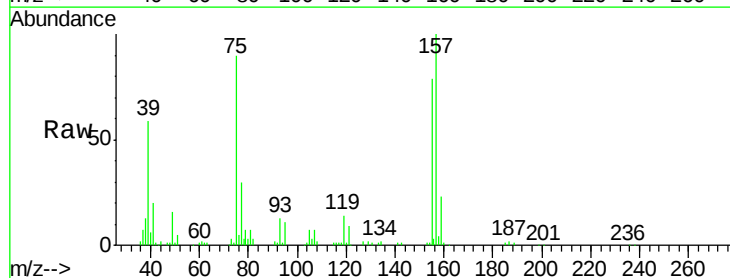
Tgt Ion: 75 Resp: 57925

Ion Ratio Lower Upper

75 100

155 85.0 40.4 121.2

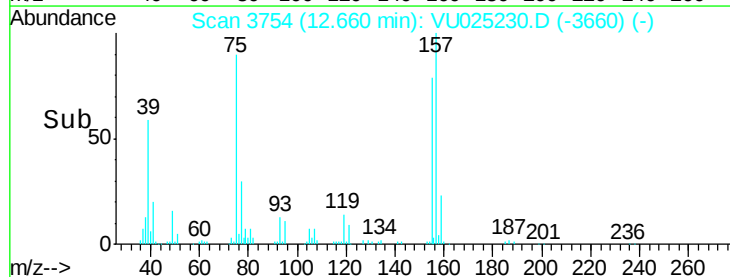
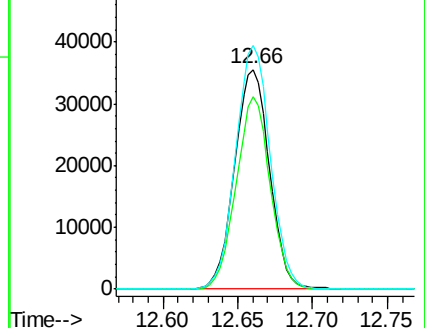
157 110.1 52.3 156.8

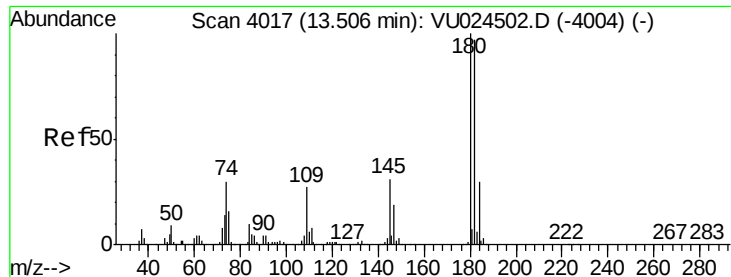


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

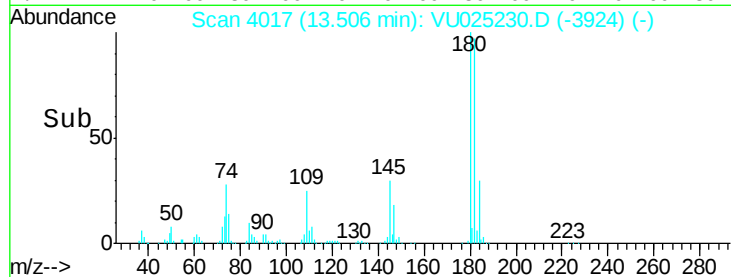
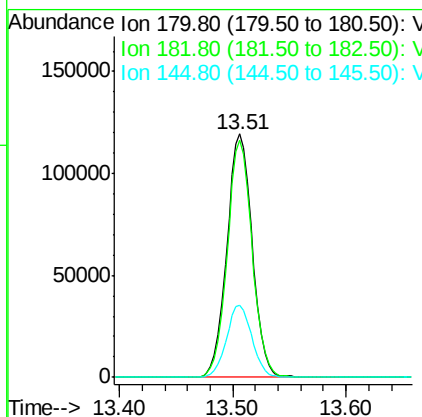
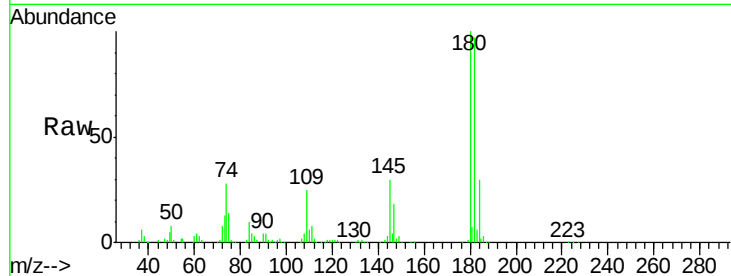




#93
 1,2,4-Trichlorobenzene
 Concen: 55.92 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. 0.00 min
 Lab File: VU025230.D
 Acq: 05 Jul 2018 21:07

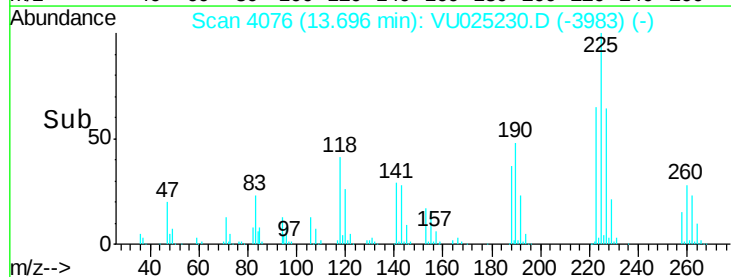
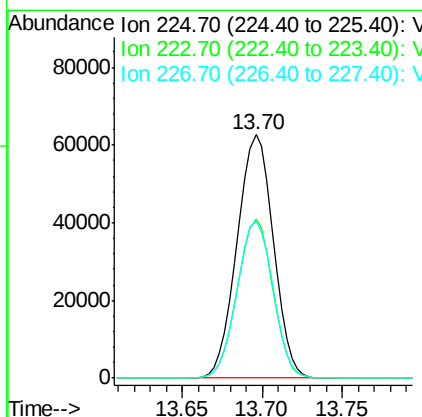
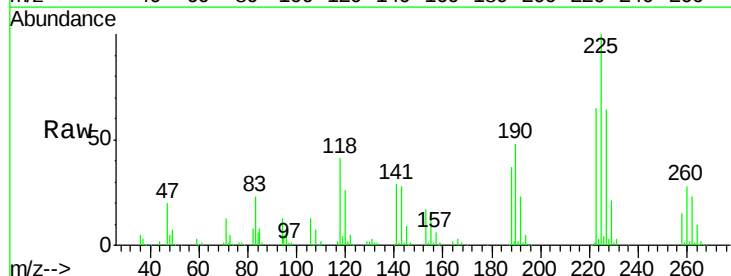
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:180 Resp: 186094
 Ion Ratio Lower Upper
 180 100
 182 95.5 48.0 144.2
 145 29.9 14.7 44.1



#94
 Hexachlorobutadiene
 Concen: 51.75 ug/l
 RT: 13.70 min Scan# 4076
 Delta R.T. 0.00 min
 Lab File: VU025230.D
 Acq: 05 Jul 2018 21:07

Tgt Ion:225 Resp: 96926
 Ion Ratio Lower Upper
 225 100
 223 63.7 31.3 93.8
 227 63.7 31.8 95.4





#95

Naphthalene

Concen: 57.71 ug/l

RT: 13.74 min Scan# 4091

Delta R.T. 0.00 min

Lab File: VU025230.D

Acq: 05 Jul 2018 21:07

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

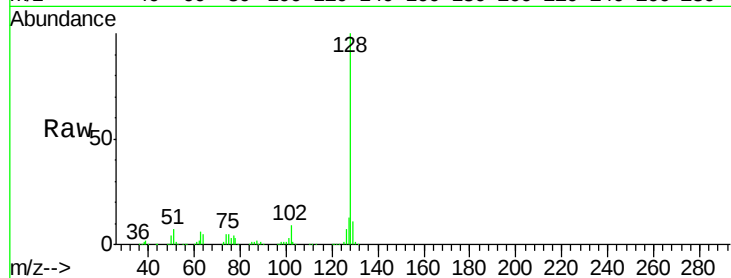
Tot Ion:128 Resp: 636961

Ion Ratio Lower Upper

128 100

127 12.9 10.6 16.0

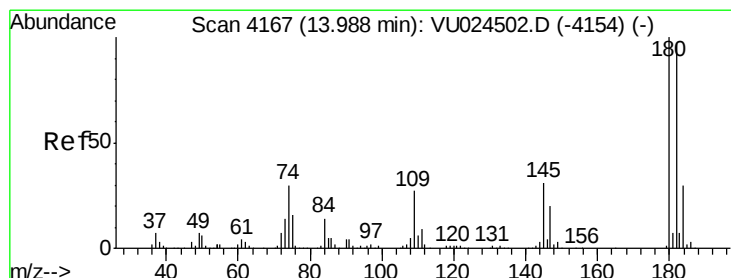
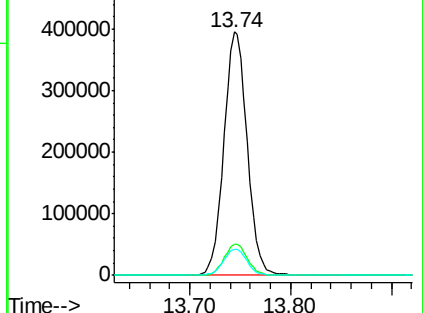
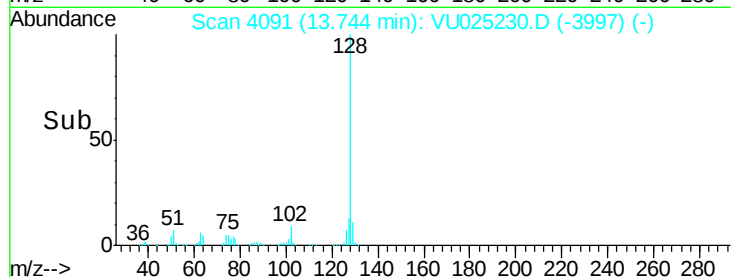
129 11.0 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 59.98 ug/l

RT: 13.99 min Scan# 4168

Delta R.T. 0.00 min

Lab File: VU025230.D

Acq: 05 Jul 2018 21:07

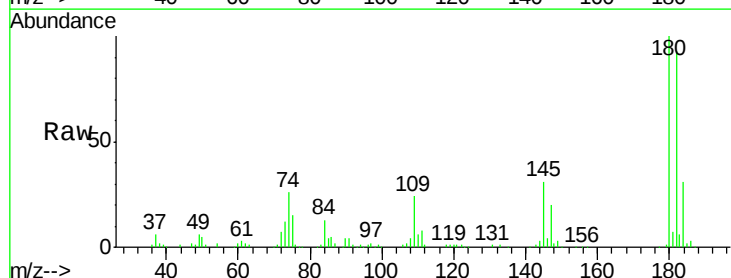
Tgt Ion:180 Resp: 198892

Ion Ratio Lower Upper

180 100

182 94.5 47.9 143.7

145 31.8 15.4 46.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

