

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061318\
 Data File : VU024502.D
 Acq On : 13 Jun 2018 12:42
 Operator : MD/SY
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

Quant Time: Jun 13 13:04:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 13 13:03:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	195529	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	310178	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	293080	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	173479	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	161489	41.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.42%	
35) Dibromofluoromethane	4.89	113	129809	40.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.50%	
50) Toluene-d8	7.57	98	474811	39.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.76%	
62) 4-Bromofluorobenzene	10.31	95	186247	42.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.84%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.21	85	119205	40.22	ug/l	100
3) Chloromethane	1.33	50	115836	33.54	ug/l	100
4) Vinyl Chloride	1.40	62	125686	32.69	ug/l	99
5) Bromomethane	1.62	94	63196	29.91	ug/l	99
6) Chloroethane	1.70	64	74429	28.62	ug/l	100
7) Trichlorofluoromethane	1.89	101	188535	36.11	ug/l	98
8) Diethyl Ether	2.10	74	71051	34.04	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	2.29	101	118208	40.68	ug/l	98
10) Methyl Iodide	2.41	142	101208	54.93	ug/l	99
11) Tert butyl alcohol	2.82	59	181996	247.46	ug/l	99
12) 1,1-Dichloroethene	2.28	96	111107	40.81	ug/l	94
13) Acrolein	2.19	56	98292	128.39	ug/l	98
14) Allyl chloride	2.60	41	197962	42.86	ug/l	97
15) Acrylonitrile	2.94	53	385728	196.37	ug/l	99
16) Acetone	2.32	43	406171	164.34	ug/l	98
17) Carbon Disulfide	2.48	76	348866	41.65	ug/l	99
18) Methyl Acetate	2.62	43	181427	36.94	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	413159	48.29	ug/l	97
20) Methylene Chloride	2.71	84	126543	37.26	ug/l	99
21) trans-1,2-Dichloroethene	2.99	96	119400	40.87	ug/l	97
22) Diisopropyl ether	3.57	45	402483	43.25	ug/l	96
23) Vinyl Acetate	3.53	43	1844627	269.69	ug/l	99
24) 1,1-Dichloroethane	3.45	63	234653	40.27	ug/l	99
25) 2-Butanone	4.26	43	588419	199.09	ug/l	97
26) 2,2-Dichloropropane	4.23	77	218039	49.08	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	138036	43.49	ug/l	98
28) Bromochloromethane	4.55	49	110186	51.64	ug/l	89
29) Tetrahydrofuran	4.64	42	350425	207.77	ug/l	97
30) Chloroform	4.68	83	235405	39.87	ug/l	100
31) Cyclohexane	5.00	56	216825	37.52	ug/l	97
32) 1,1,1-Trichloroethane	4.92	97	213406	44.94	ug/l	96
36) 1,1-Dichloropropene	5.14	75	176568	39.89	ug/l	99
37) Ethyl Acetate	4.38	43	210491	42.41	ug/l	98
38) Carbon Tetrachloride	5.14	117	197238	46.79	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	219420	45.88	ug/l	96
40) Benzene	5.39	78	514215	38.54	ug/l	100
41) Methacrylonitrile	4.54	41	113791	40.91	ug/l	99
42) 1,2-Dichloroethane	5.41	62	194589	38.08	ug/l	100
43) Isopropyl Acetate	5.55	43	334721	44.28	ug/l	97
44) Trichloroethene	6.19	130	141749	40.78	ug/l	97
45) 1,2-Dichloropropane	6.44	63	137232	38.27	ug/l	99
46) Dibromomethane	6.56	93	98191	41.36	ug/l	99
47) Bromodichloromethane	6.76	83	190225	41.42	ug/l	98
48) Methyl methacrylate	6.63	41	166426	44.91	ug/l	100
49) 1,4-Dioxane	6.61	88	60387	772.46	ug/l	99
51) 4-Methyl-2-Pentanone	7.46	43	1064211	195.15	ug/l	99
52) Toluene	7.64	92	327004	41.30	ug/l	98
53) t-1,3-Dichloropropene	7.88	75	218750	45.80	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	228784	43.90	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	128888	37.94	ug/l	99
56) Ethyl methacrylate	8.02	69	221680	50.07	ug/l	99
57) 1,3-Dichloropropane	8.25	76	223970	38.39	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.13	63	442436	194.31	ug/l	96
59) 2-Hexanone	8.36	43	855730	196.14	ug/l	100
60) Dibromochloromethane	8.48	129	162447	47.13	ug/l	100
61) 1,2-Dibromoethane	8.59	107	146257	41.17	ug/l	99
64) Tetrachloroethene	8.23	164	139511	47.88	ug/l	99
65) Chlorobenzene	9.12	112	368774	43.24	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	138316	47.25	ug/l	98
67) Ethyl Benzene	9.25	91	644129	46.84	ug/l	97
68) m/p-Xylenes	9.38	106	494852	94.46	ug/l	98
69) o-Xylene	9.78	106	242084	50.14	ug/l	97
70) Styrene	9.80	104	404963	49.26	ug/l	98
71) Bromoform	9.96	173	130235	51.54	ug/l #	99
73) Isopropylbenzene	10.17	105	651781	54.50	ug/l	98
74) N-amyl acetate	10.01	43	310354	57.33	ug/l	97
75) 1,1,2,2-Tetrachloroethane	10.46	83	211831	40.84	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	269546	74.08	ug/l	82
77) Bromobenzene	10.45	156	165582	50.00	ug/l	97
78) n-propylbenzene	10.59	91	772923	52.13	ug/l	97
79) 2-Chlorotoluene	10.66	91	448992	49.89	ug/l	98
80) 1,3,5-Trimethylbenzene	10.78	105	556275	54.85	ug/l	98
81) trans-1,4-Dichloro-2-buten	10.50	75	269546	157.15	ug/l #	100
82) 4-Chlorotoluene	10.78	91	529463	50.71	ug/l	99
83) tert-Butylbenzene	11.10	119	538380	54.53	ug/l	98
84) 1,2,4-Trimethylbenzene	11.15	105	577535	56.35	ug/l	100
85) sec-Butylbenzene	11.33	105	681754	55.00	ug/l	97
86) p-Isopropyltoluene	11.48	119	606761	55.39	ug/l	98
87) 1,3-Dichlorobenzene	11.42	146	304794	47.88	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	306820	46.05	ug/l	99
89) n-Butylbenzene	11.89	91	558562	51.82	ug/l	97
90) Hexachloroethane	12.15	117	115428	58.77	ug/l	99
91) 1,2-Dichlorobenzene	11.88	146	302359	47.50	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.66	75	62519	59.05	ug/l	96

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QLast Update : Wed Jun 13 13:03:59 2018
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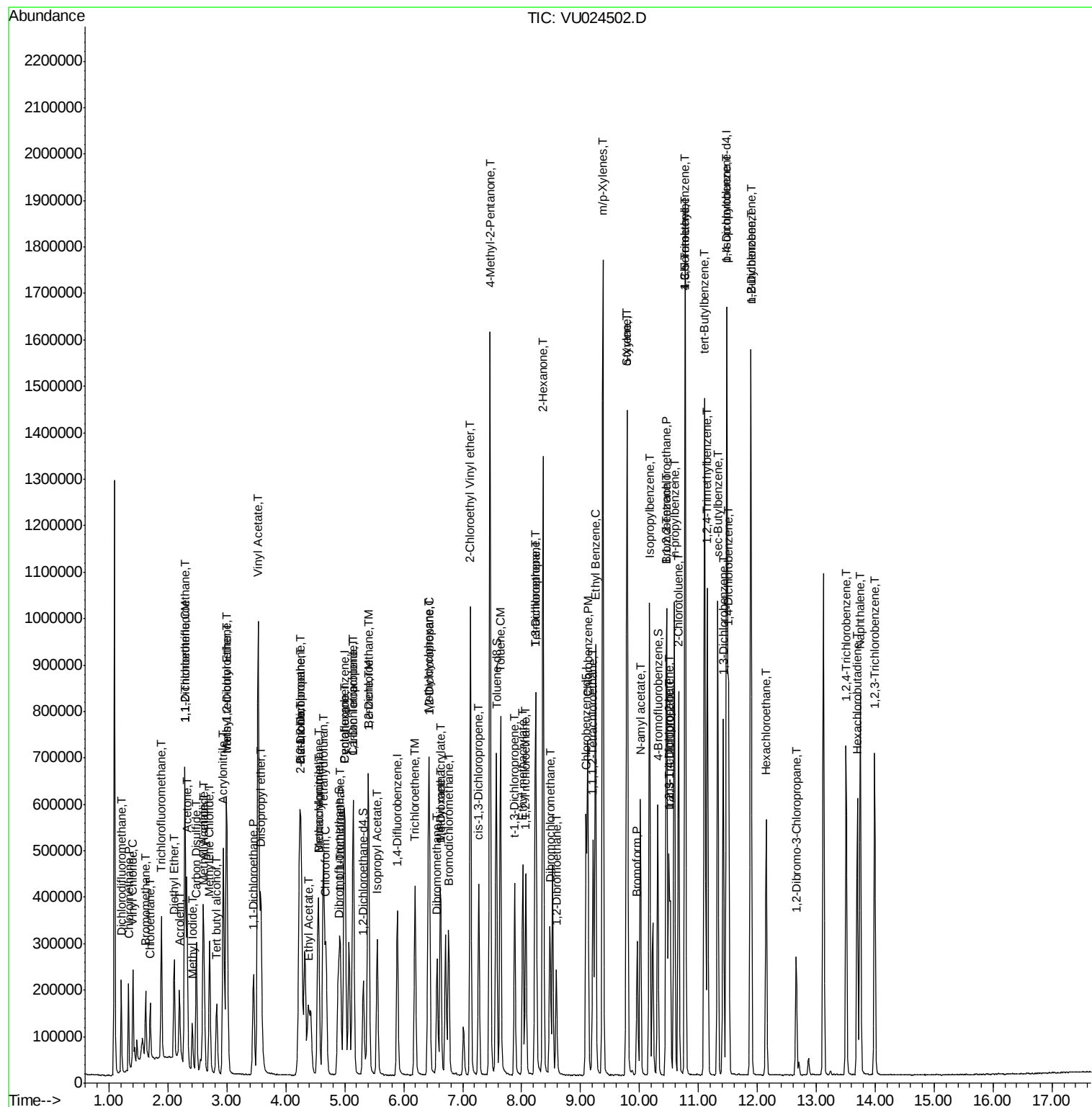
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	211618	56.29	ug/l	99
94) Hexachlorobutadiene	13.70	225	107429	48.10	ug/l	99
95) Naphthalene	13.74	128	654365	63.65	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	213108	56.09	ug/l	99

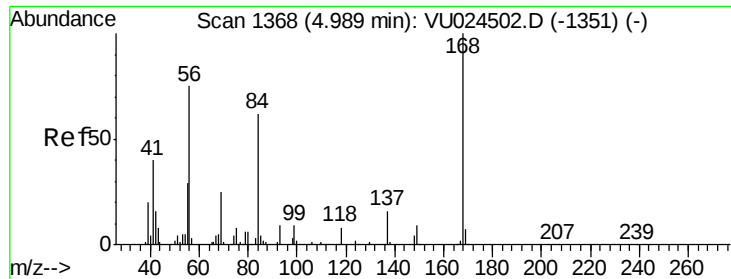
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VU024502.D

Acq: 13 Jun 2018 12:42

Instrument :

MSVOA_U

ClientSampleId :

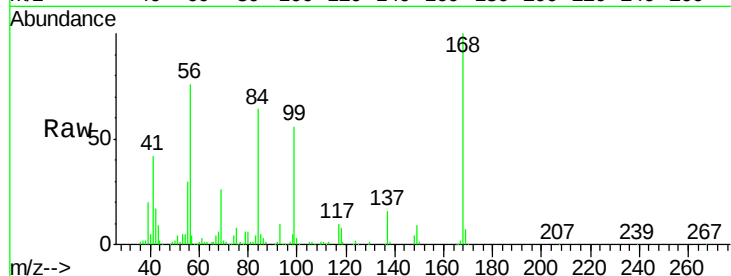
VSTDICCC050

Tgt Ion:168 Resp: 195529

Ion Ratio Lower Upper

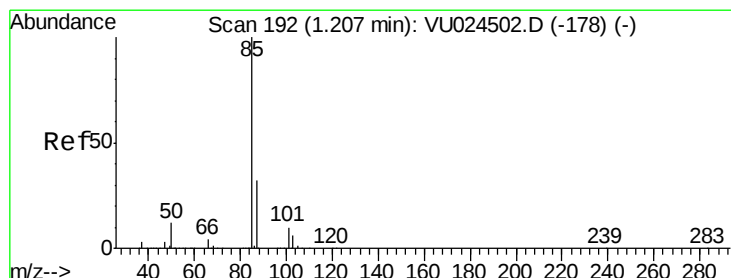
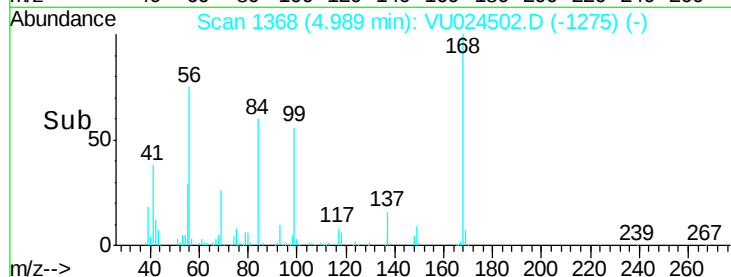
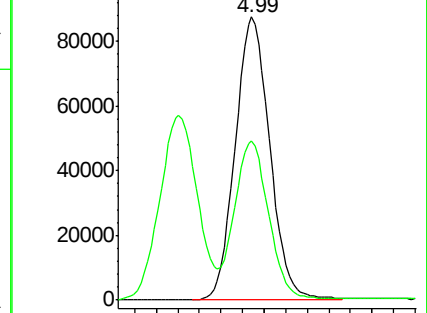
168 100

99 55.6 43.2 64.8



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

Ion 98.90 (98.60 to 99.60): VU024502.D (-1351) (-)



#2

Dichlorodifluoromethane

Concen: 40.22 ug/l

RT: 1.21 min Scan# 192

Delta R.T. 0.00 min

Lab File: VU024502.D

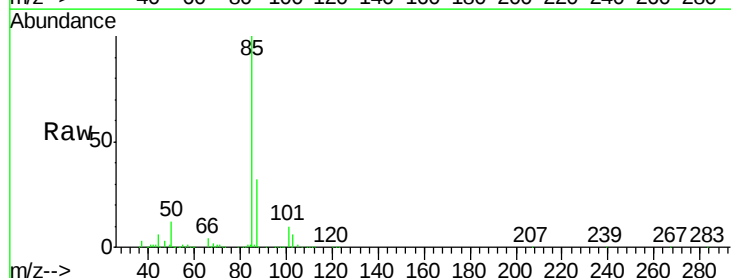
Acq: 13 Jun 2018 12:42

Tgt Ion: 85 Resp: 119205

Ion Ratio Lower Upper

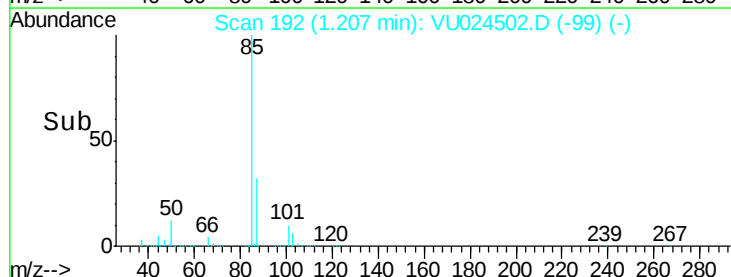
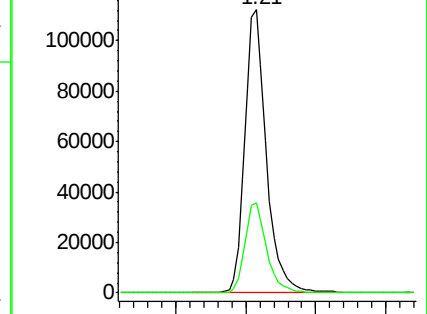
85 100

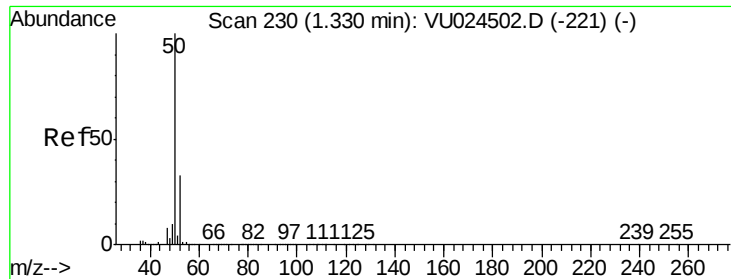
87 32.1 16.1 48.2



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

Ion 86.90 (86.60 to 87.60): VU024502.D (-178) (-)

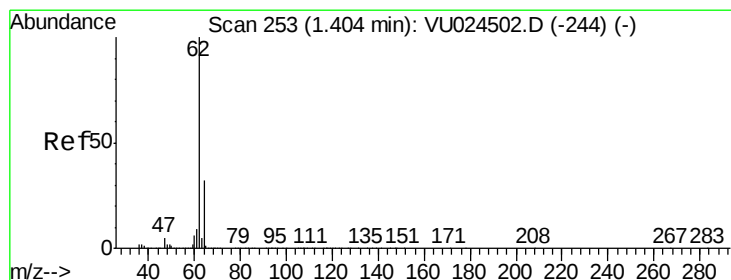
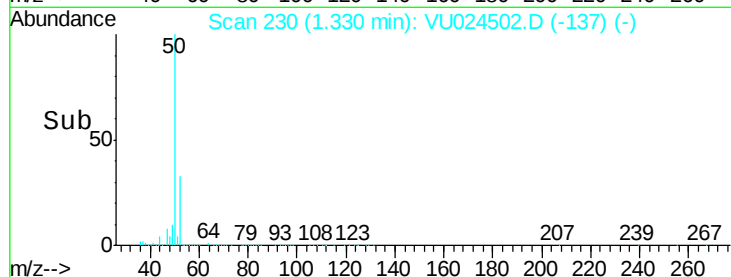
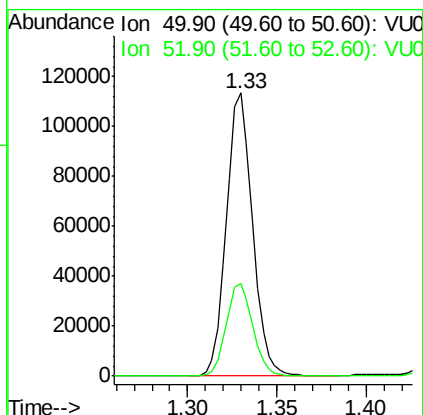
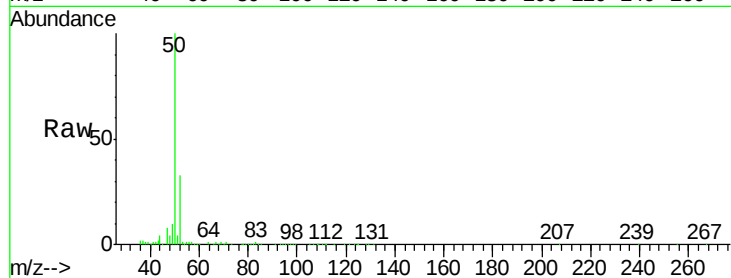




#3
Chloromethane
Concen: 33.54 ug/l
RT: 1.33 min Scan# 230
Delta R.T. 0.00 min
Lab File: VU024502.D
Acq: 13 Jun 2018 12:42

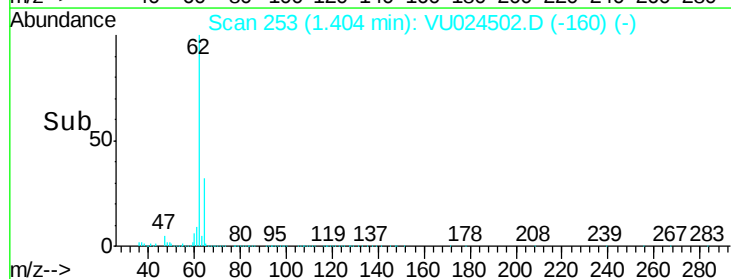
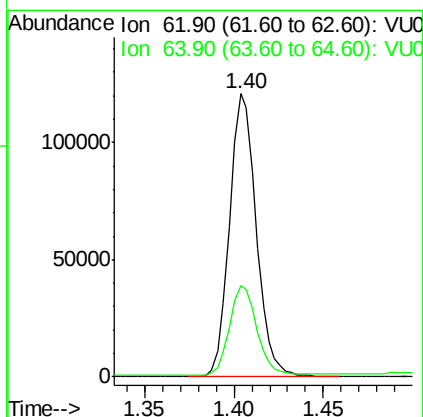
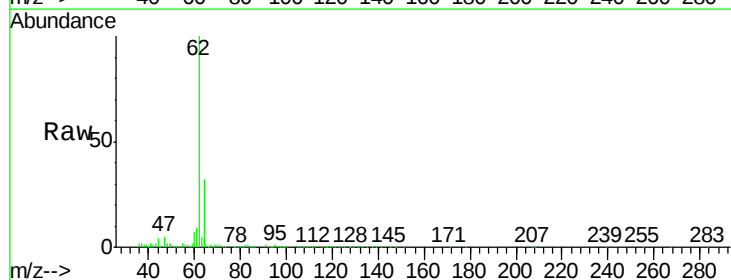
Instrument :
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VSTDICCC050

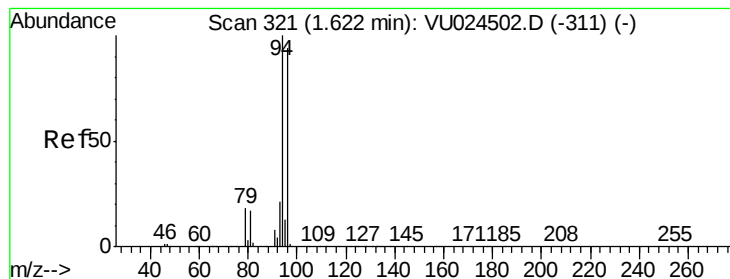
Tgt Ion: 50 Resp: 115836
Ion Ratio Lower Upper
50 100
52 32.8 26.4 39.6



#4
Vinyl Chloride
Concen: 32.69 ug/l
RT: 1.40 min Scan# 253
Delta R.T. 0.00 min
Lab File: VU024502.D
Acq: 13 Jun 2018 12:42

Tgt Ion: 62 Resp: 125686
Ion Ratio Lower Upper
62 100
64 31.6 24.8 37.2





#5

Bromomethane

Concen: 29.91 ug/l

RT: 1.62 min Scan# 321

Delta R.T. 0.00 min

Lab File: VU024502.D

Acq: 13 Jun 2018 12:42

Instrument :

MSVOA_U

ClientSampleId :

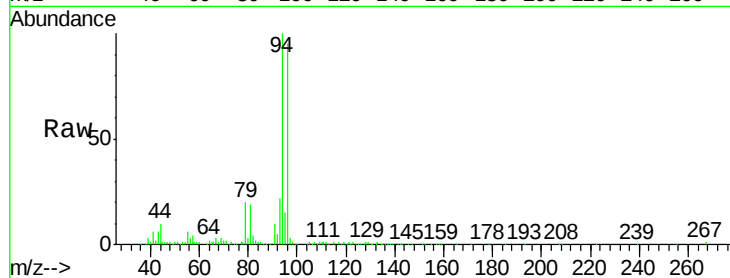
VSTDICCC050

Tgt Ion: 94 Resp: 63196

Ion Ratio Lower Upper

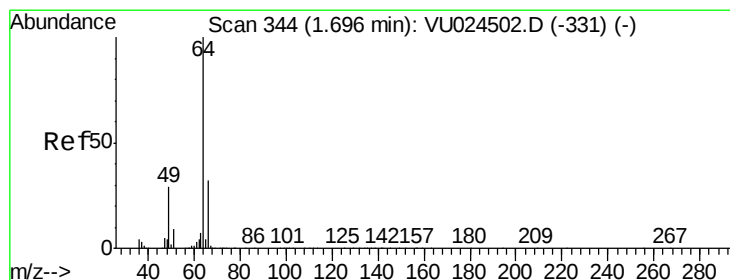
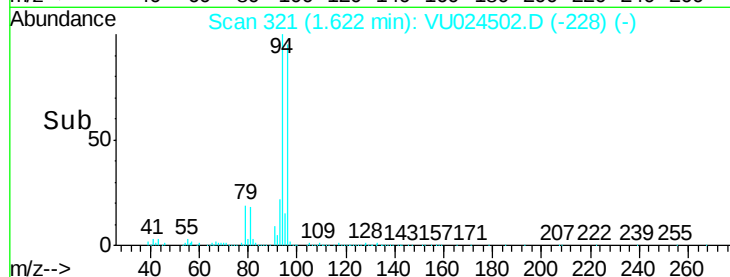
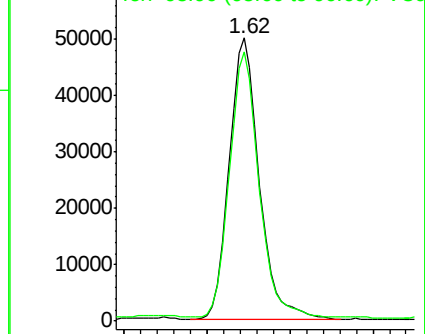
94 100

96 94.1 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0



#6

Chloroethane

Concen: 28.62 ug/l

RT: 1.70 min Scan# 344

Delta R.T. 0.00 min

Lab File: VU024502.D

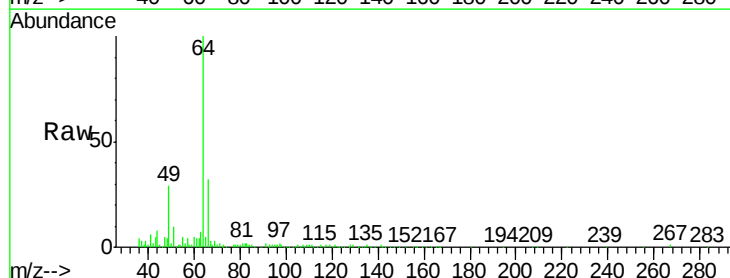
Acq: 13 Jun 2018 12:42

Tgt Ion: 64 Resp: 74429

Ion Ratio Lower Upper

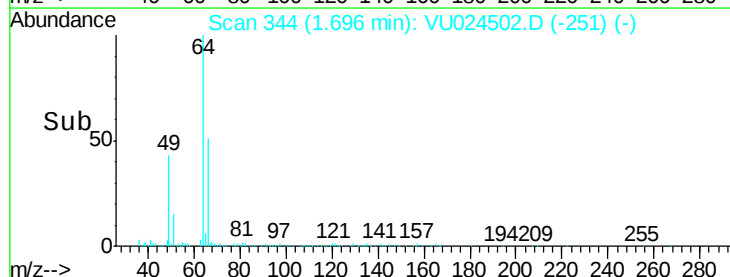
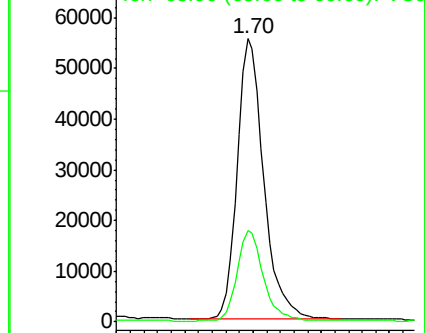
64 100

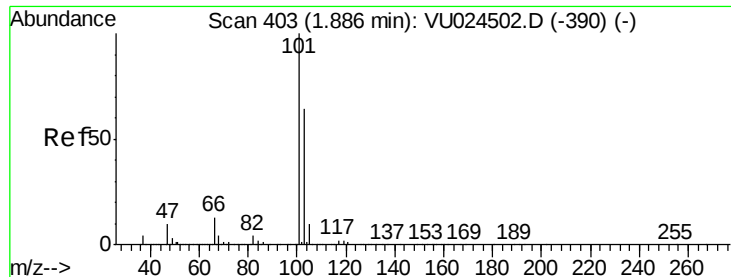
66 32.1 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0





#7

Trichlorofluoromethane

Concen: 36.11 ug/l

RT: 1.89 min Scan# 403

Delta R.T. 0.00 min

Lab File: VU024502.D

Acq: 13 Jun 2018 12:42

Instrument :

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ClientSampleId :

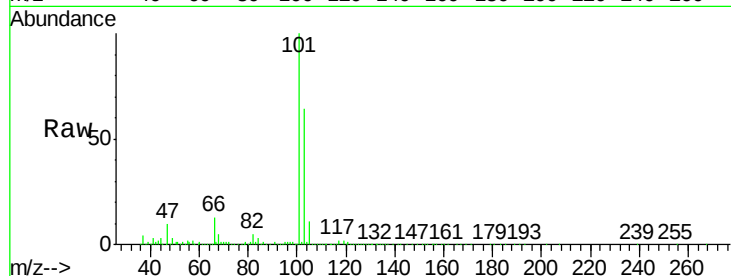
VSTDICCC050

Tgt Ion:101 Resp: 188535

Ion Ratio Lower Upper

101 100

103 64.1 52.3 78.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

150000

100000

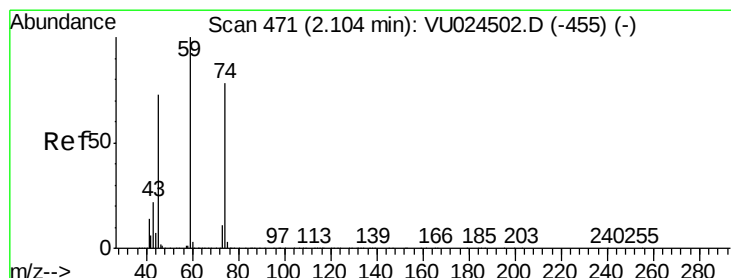
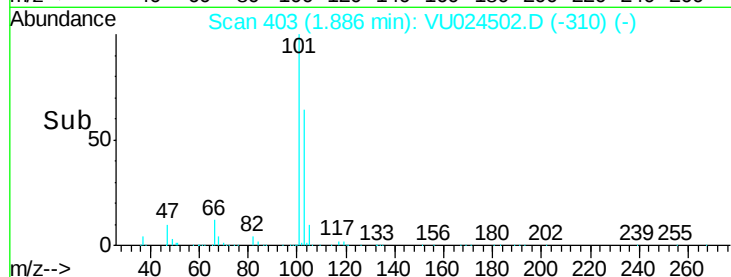
50000

0

1.89

1.80 1.85 1.90 1.95 2.00

Time-->



#8

Diethyl Ether

Concen: 34.04 ug/l

RT: 2.10 min Scan# 471

Delta R.T. 0.00 min

Lab File: VU024502.D

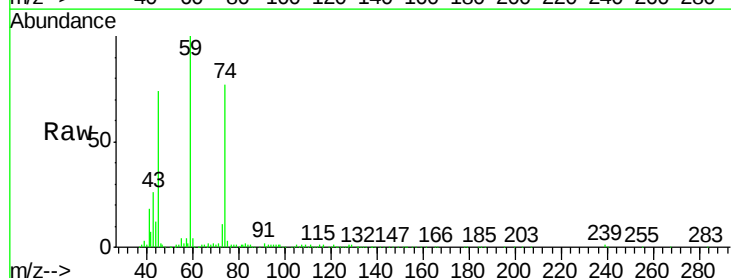
Acq: 13 Jun 2018 12:42

Tgt Ion: 74 Resp: 71051

Ion Ratio Lower Upper

74 100

45 95.1 55.0 165.0



Abundance Ion 74.00 (73.70 to 74.70): VU0

Ion 45.00 (44.70 to 45.70): VU0

60000

50000

40000

30000

20000

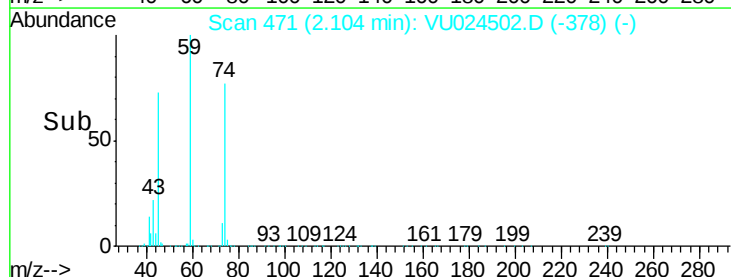
10000

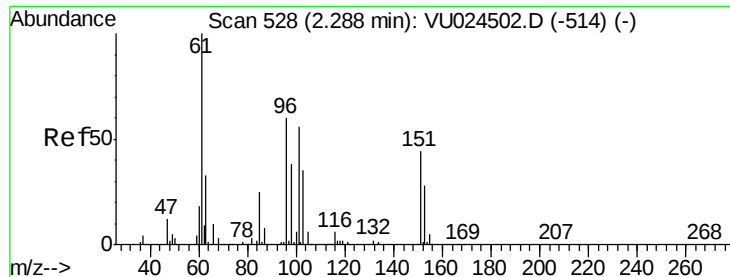
0

2.10

2.00 2.05 2.10 2.15 2.20

Time-->





#9

1,1,2-Trichlorotrifluoroethane

Concen: 40.68 ug/l

RT: 2.29 min Scan# 528

Delta R.T. 0.00 min

Lab File: VU024502.D

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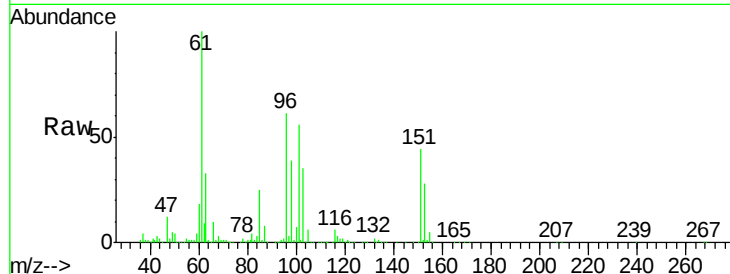
Tgt Ion:101 Resp: 118208

Ion Ratio Lower Upper

101 100

85 44.1 36.0 54.0

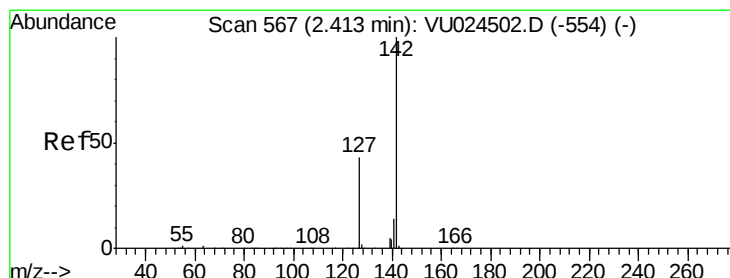
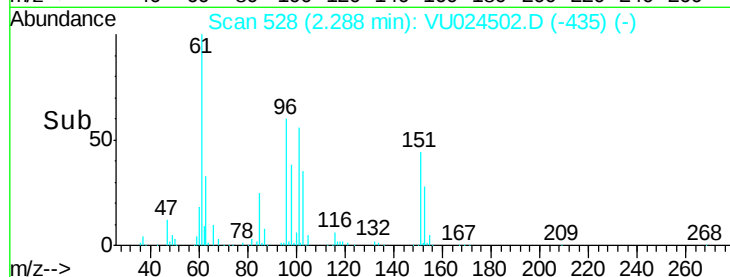
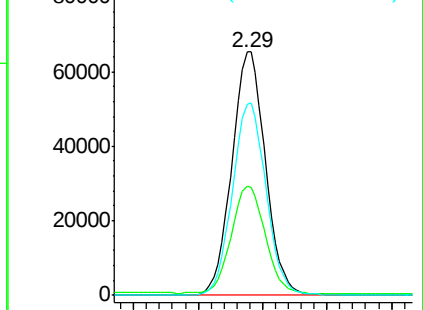
151 79.3 62.3 93.5



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: 54.93 ug/l

RT: 2.41 min Scan# 567

Delta R.T. 0.00 min

Lab File: VU024502.D

Acq: 13 Jun 2018 12:42

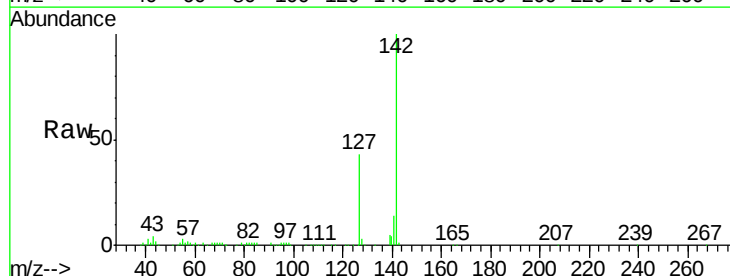
Tgt Ion:142 Resp: 101208

Ion Ratio Lower Upper

142 100

127 43.8 35.6 53.4

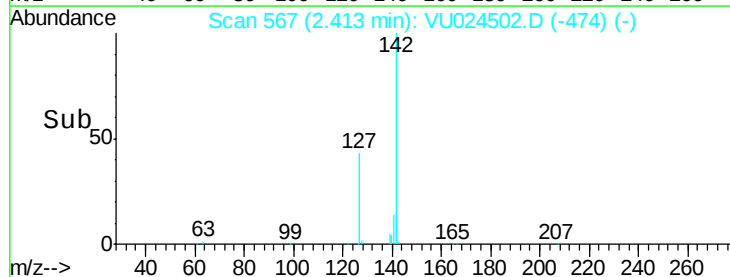
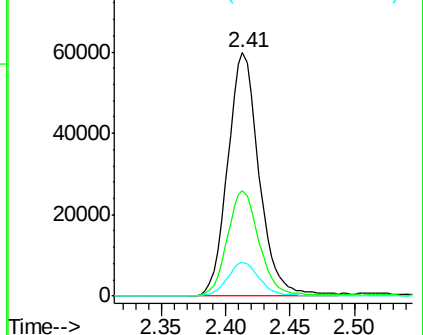
141 14.3 11.7 17.5



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



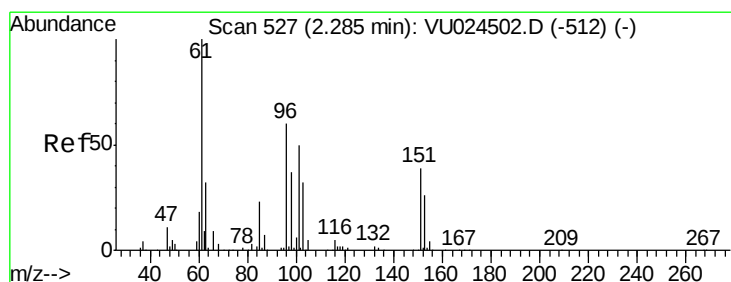
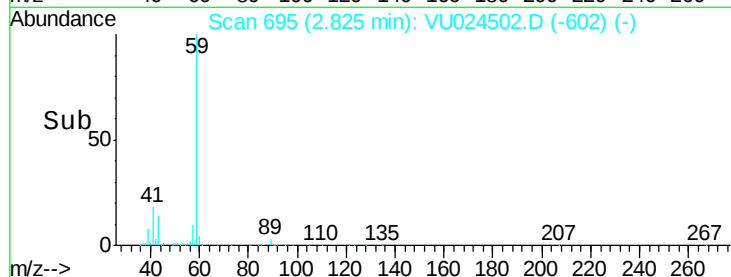
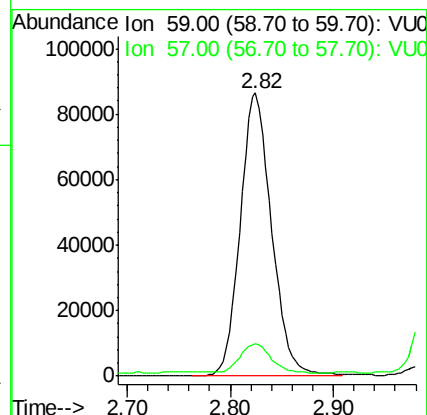
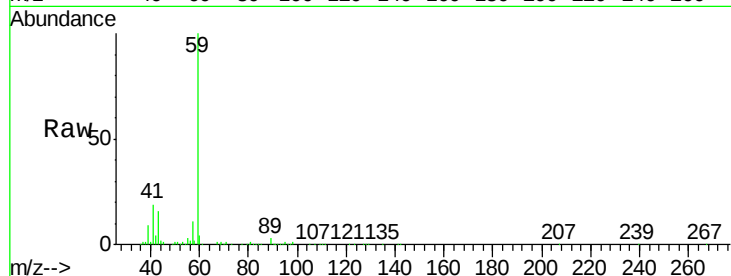


#11

Tert butyl alcohol
 Concen: 247.46 ug/l
 RT: 2.82 min Scan# 695
 Delta R.T. 0.00 min
 Lab File: VU024502.D
 Acq: 13 Jun 2018 12:42

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

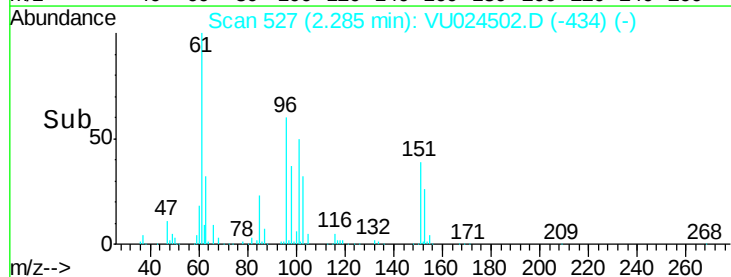
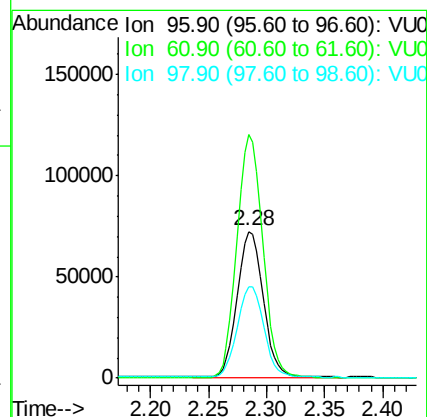
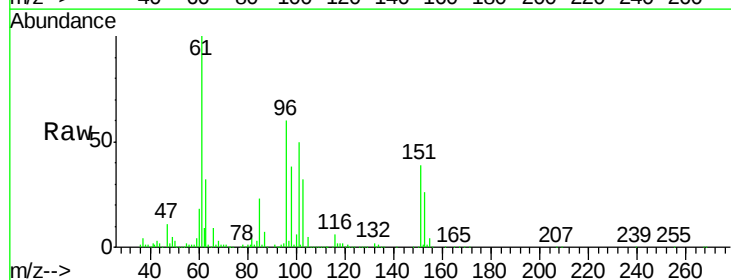
Tgt Ion: 59 Resp: 181996
 Ion Ratio Lower Upper
 59 100
 57 10.1 8.5 12.7

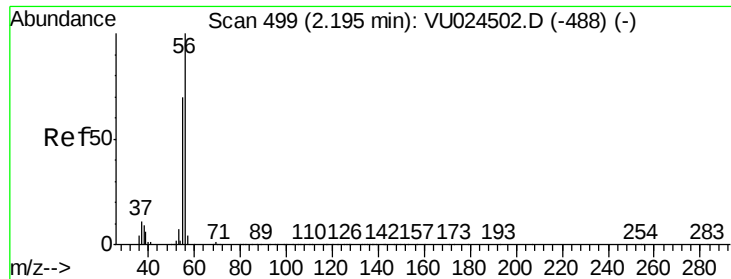


#12

1,1-Dichloroethene
 Concen: 40.81 ug/l
 RT: 2.28 min Scan# 527
 Delta R.T. 0.00 min
 Lab File: VU024502.D
 Acq: 13 Jun 2018 12:42

Tgt Ion: 96 Resp: 111107
 Ion Ratio Lower Upper
 96 100
 61 167.3 141.7 212.5
 98 62.3 51.6 77.4

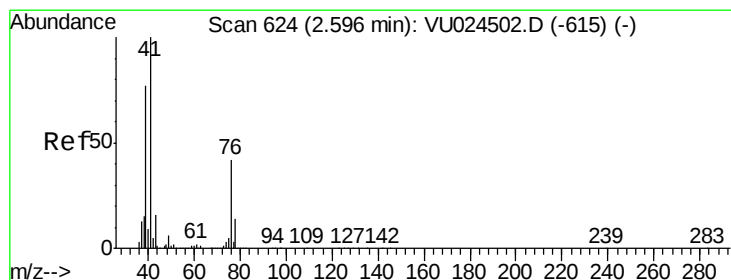
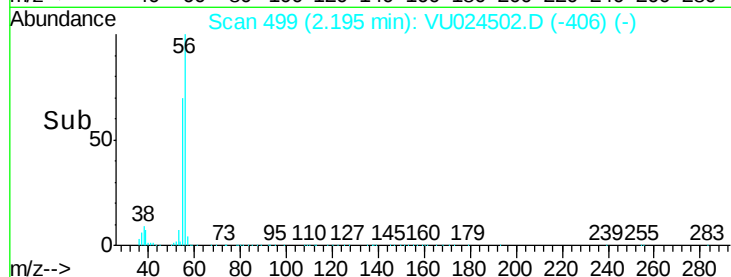
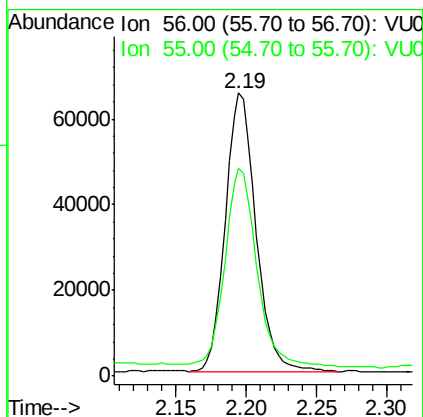
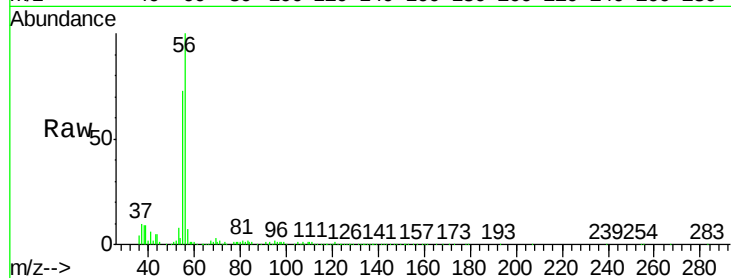




#13
Acrolein
Concen: 128.39 ug/l
RT: 2.19 min Scan# 499
Delta R.T. 0.00 min
Lab File: VU024502.D
Acq: 13 Jun 2018 12:42

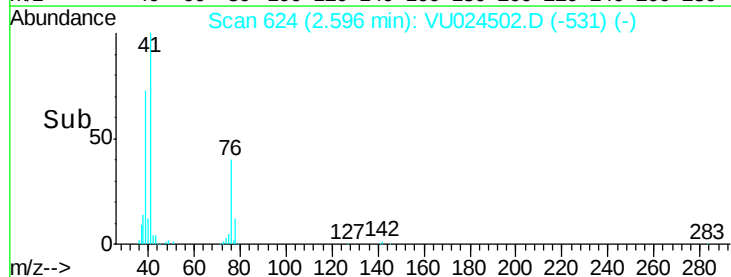
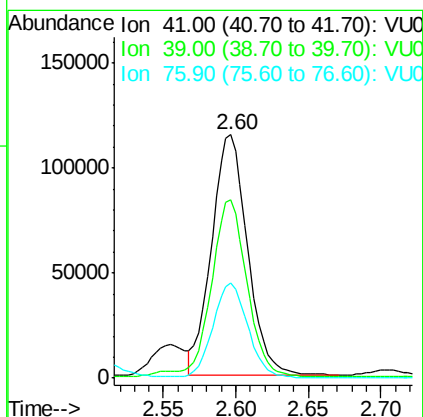
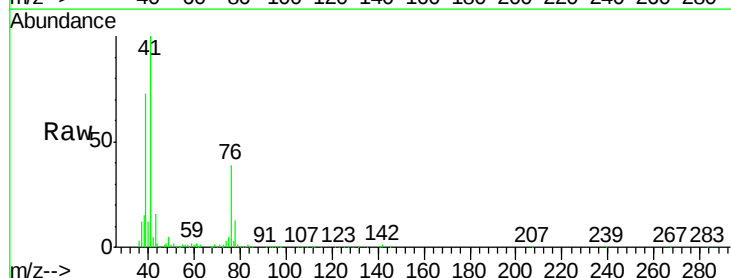
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

Tgt Ion: 56 Resp: 98292
Ion Ratio Lower Upper
56 100
55 75.0 58.4 87.6



#14
Allyl chloride
Concen: 42.86 ug/l
RT: 2.60 min Scan# 624
Delta R.T. 0.00 min
Lab File: VU024502.D
Acq: 13 Jun 2018 12:42

Tgt Ion: 41 Resp: 197962
Ion Ratio Lower Upper
41 100
39 73.9 61.6 92.4
76 38.2 29.7 44.5





#15

Acrylonitrile

Concen: 196.37 ug/l

RT: 2.94 min Scan# 730

Delta R.T. 0.00 min

Lab File: VU024502.D

Acq: 13 Jun 2018 12:42

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC050

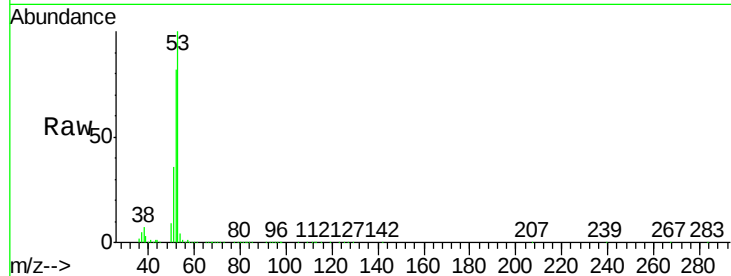
Tgt Ion: 53 Resp: 385728

Ion Ratio Lower Upper

53 100

52 82.6 67.1 100.7

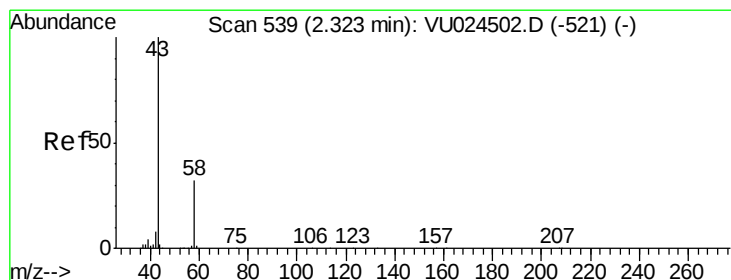
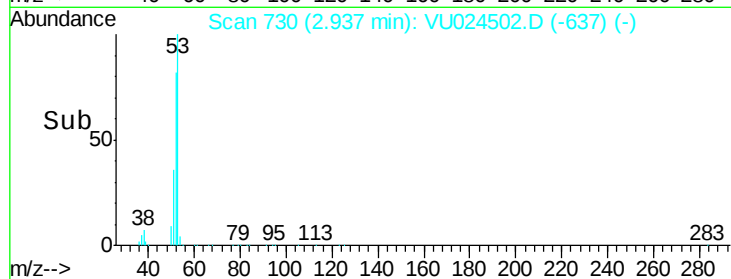
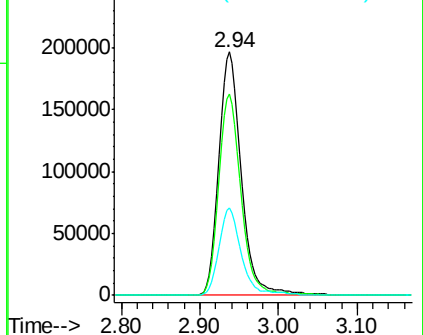
51 35.7 28.4 42.6



Abundance Ion 53.00 (52.70 to 53.70): VU0

Ion 52.00 (51.70 to 52.70): VU0

Ion 51.00 (50.70 to 51.70): VU0



#16

Acetone

Concen: 164.34 ug/l

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU024502.D

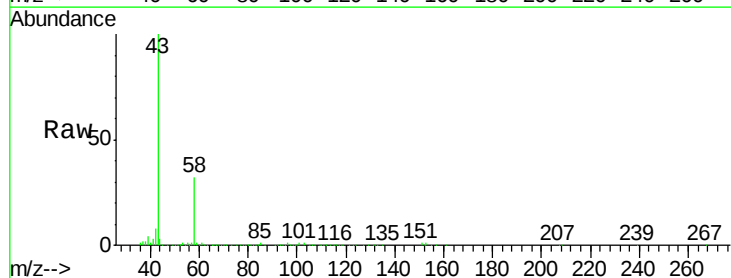
Acq: 13 Jun 2018 12:42

Tgt Ion: 43 Resp: 406171

Ion Ratio Lower Upper

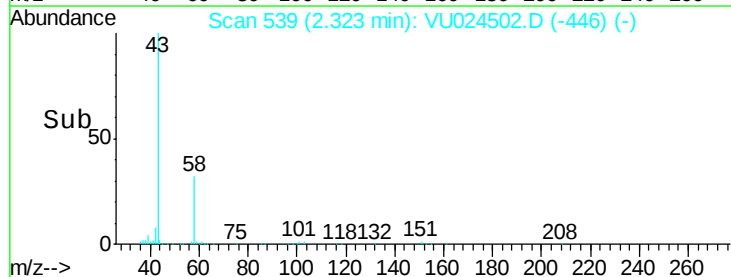
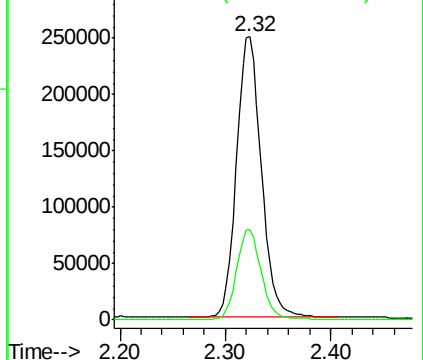
43 100

58 31.8 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

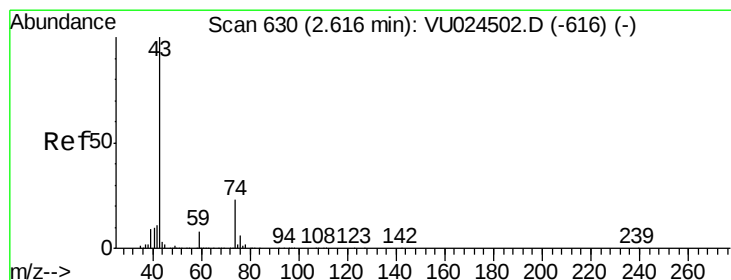
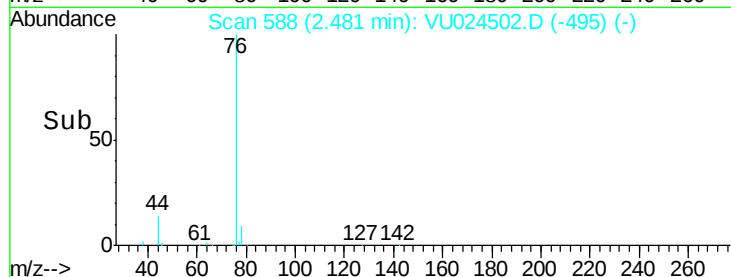
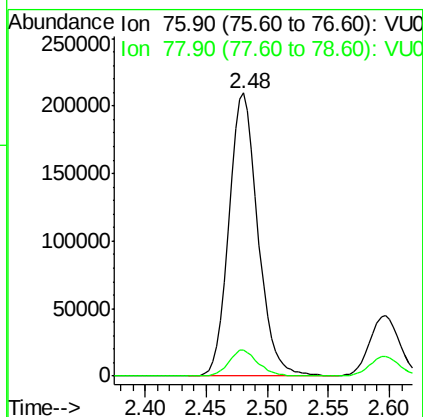
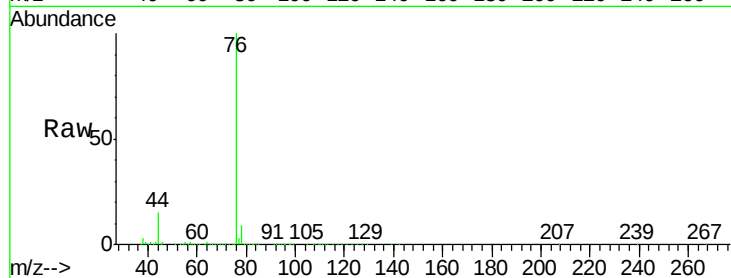




#17
Carbon Disulfide
Concen: 41.65 ug/l
RT: 2.48 min Scan# 588
Delta R.T. 0.00 min
Lab File: VU024502.D
Acq: 13 Jun 2018 12:42

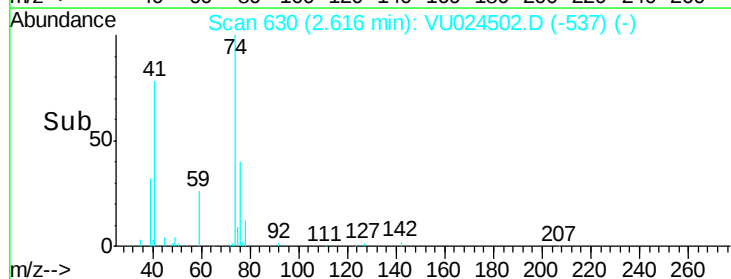
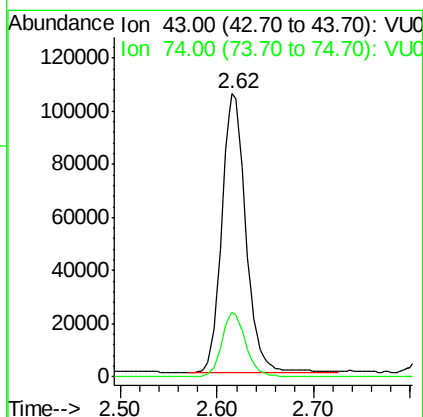
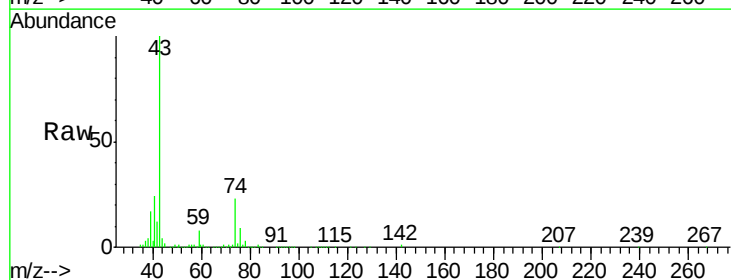
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

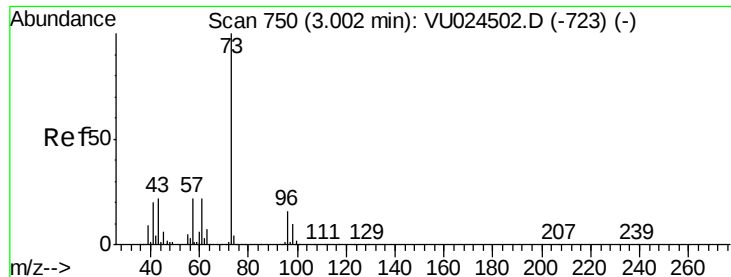
Tgt Ion: 76 Resp: 348866
Ion Ratio Lower Upper
76 100
78 9.2 7.1 10.7



#18
Methyl Acetate
Concen: 36.94 ug/l
RT: 2.62 min Scan# 630
Delta R.T. 0.00 min
Lab File: VU024502.D
Acq: 13 Jun 2018 12:42

Tgt Ion: 43 Resp: 181427
Ion Ratio Lower Upper
43 100
74 23.2 18.0 27.0

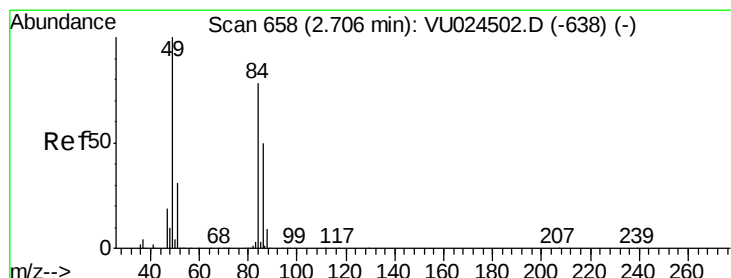
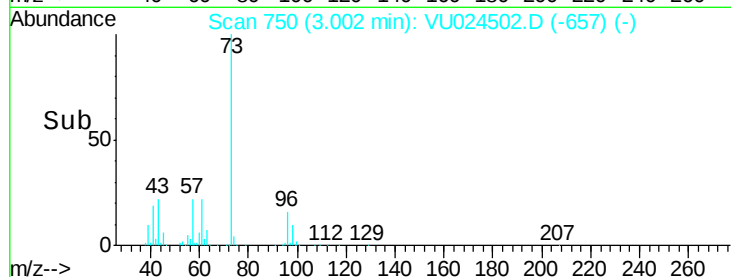
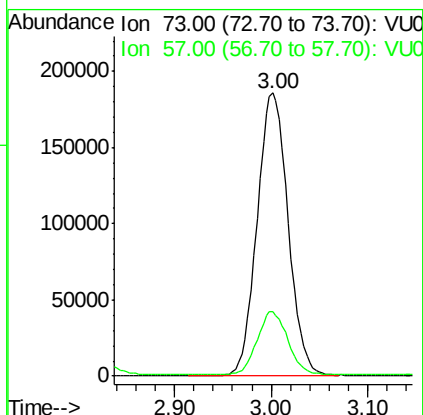
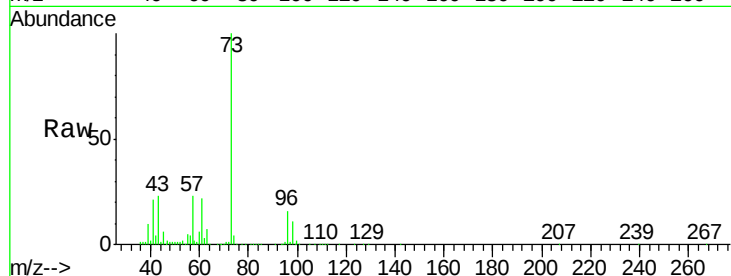




#19
Methyl tert-butyl Ether
Concen: 48.29 ug/l
RT: 3.00 min Scan# 750
Delta R.T. 0.00 min
Lab File: VU024502.D
Acq: 13 Jun 2018 12:42

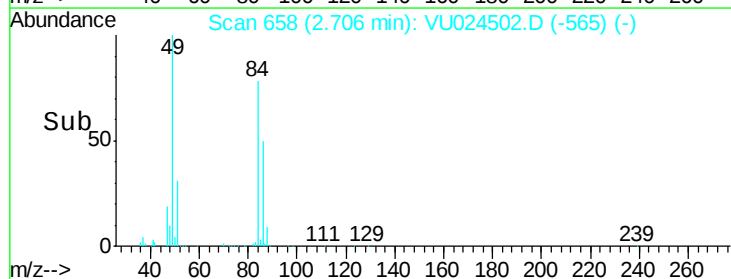
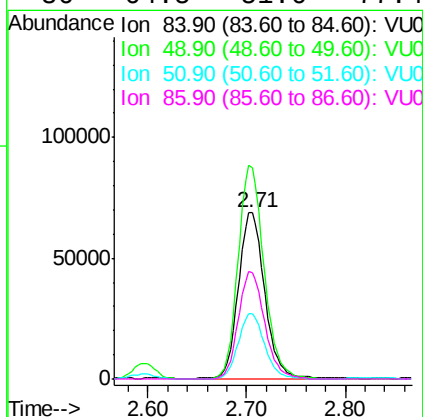
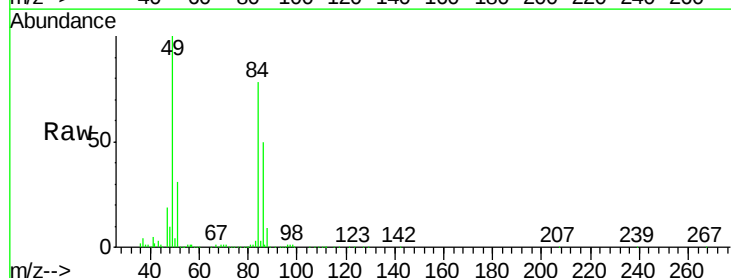
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

Tgt Ion: 73 Resp: 413159
Ion Ratio Lower Upper
73 100
57 22.2 18.8 28.2



#20
Methylene Chloride
Concen: 37.26 ug/l
RT: 2.71 min Scan# 658
Delta R.T. 0.00 min
Lab File: VU024502.D
Acq: 13 Jun 2018 12:42

Tgt Ion: 84 Resp: 126543
Ion Ratio Lower Upper
84 100
49 127.8 103.8 155.8
51 39.4 32.0 48.0
86 64.5 51.6 77.4





#21

trans-1,2-Dichloroethene

Concen: 40.87 ug/l

RT: 2.99 min Scan# 745

Delta R.T. 0.00 min

Lab File: VU024502.D

Acq: 13 Jun 2018 12:42

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC050

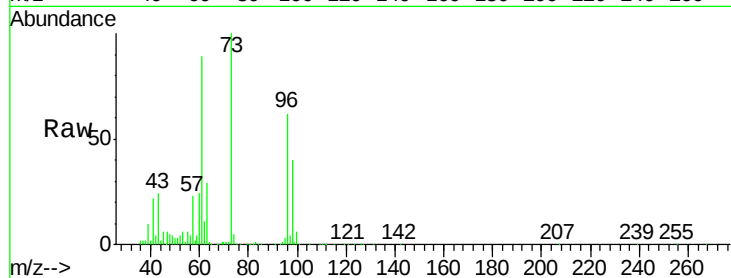
Tgt Ion: 96 Resp: 119400

Ion Ratio Lower Upper

96 100

61 144.5 119.4 179.0

98 64.2 51.1 76.7

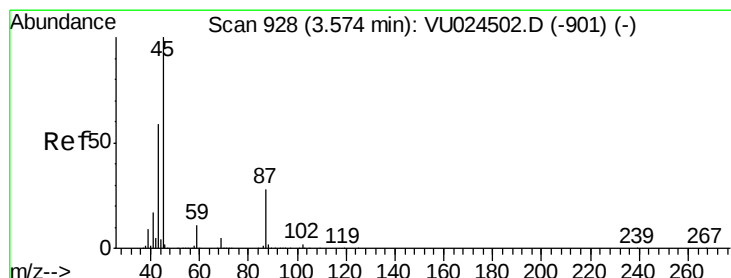
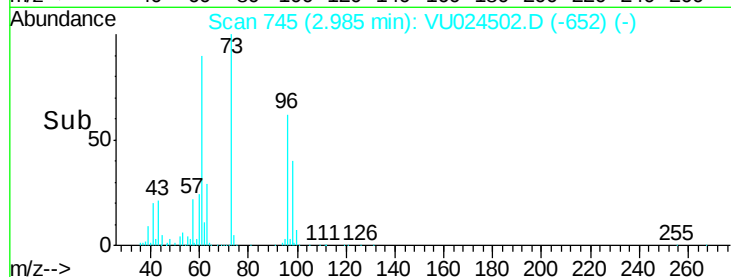
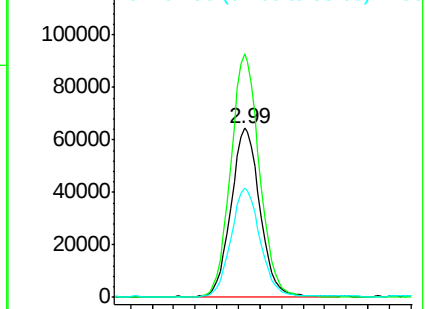


Abundance

Ion 95.90 (95.60 to 96.60): VU0

Ion 60.90 (60.60 to 61.60): VU0

Ion 97.90 (97.60 to 98.60): VU0



#22

Diisopropyl ether

Concen: 43.25 ug/l

RT: 3.57 min Scan# 928

Delta R.T. 0.00 min

Lab File: VU024502.D

Acq: 13 Jun 2018 12:42

Tgt Ion: 45 Resp: 402483

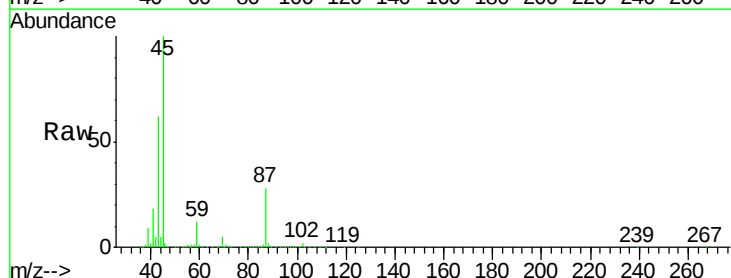
Ion Ratio Lower Upper

45 100

43 60.6 45.8 68.6

87 28.3 20.6 31.0

59 11.5 9.4 14.0



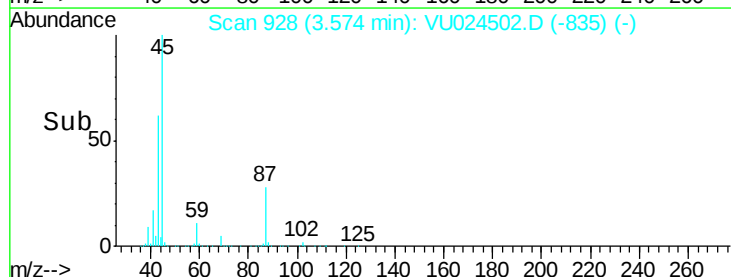
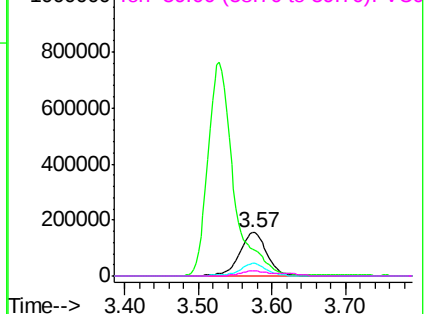
Abundance

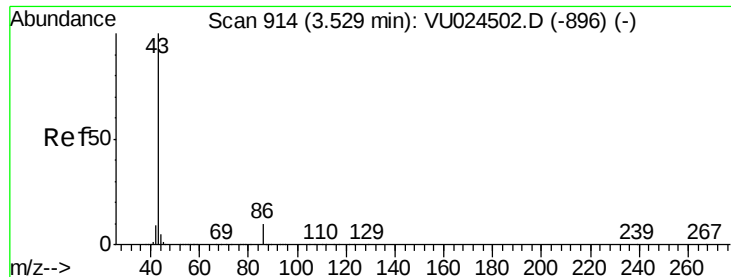
Ion 45.00 (44.70 to 45.70): VU0

Ion 43.00 (42.70 to 43.70): VU0

Ion 87.00 (86.70 to 87.70): VU0

Ion 59.00 (58.70 to 59.70): VU0





#23

Vinyl Acetate

Concen: 269.69 ug/l

RT: 3.53 min Scan# 914

Delta R.T. 0.00 min

Lab File: VU024502.D

Acq: 13 Jun 2018 12:42

Instrument :

MSVOA_U

ClientSampleId :

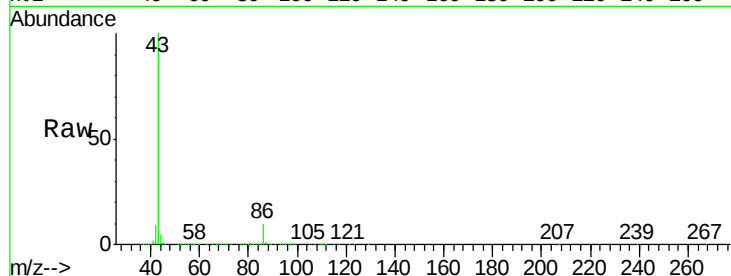
VSTDICCC050

Tgt Ion: 43 Resp: 1844627

Ion Ratio Lower Upper

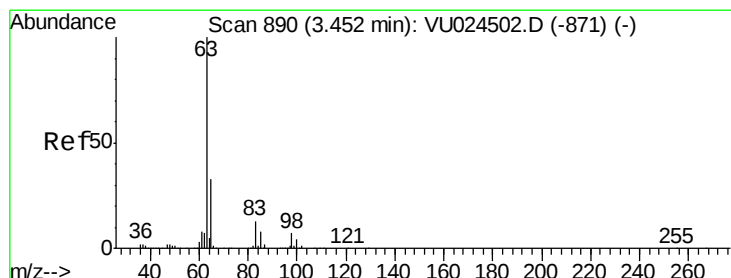
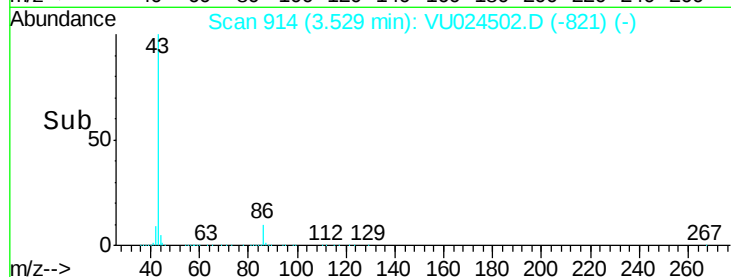
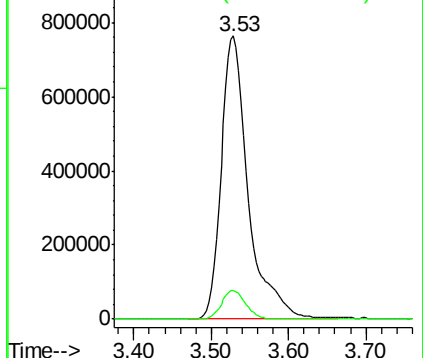
43 100

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: 40.27 ug/l

RT: 3.45 min Scan# 890

Delta R.T. 0.00 min

Lab File: VU024502.D

Acq: 13 Jun 2018 12:42

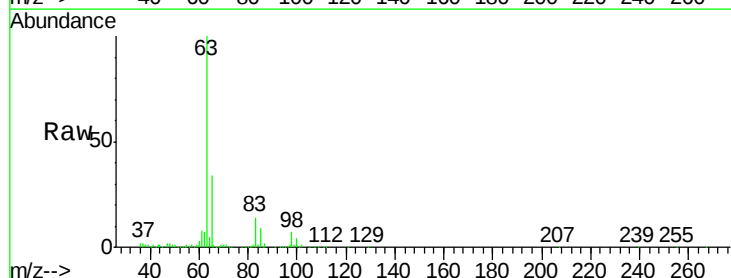
Tgt Ion: 63 Resp: 234653

Ion Ratio Lower Upper

63 100

98 6.5 3.5 10.4

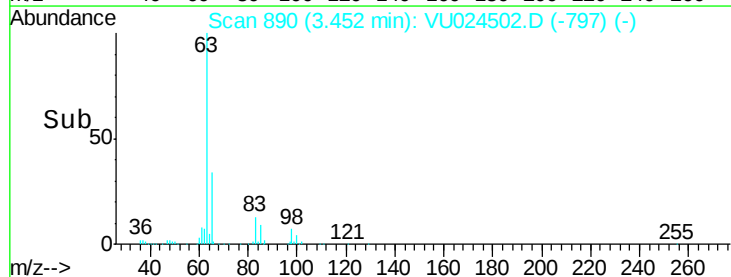
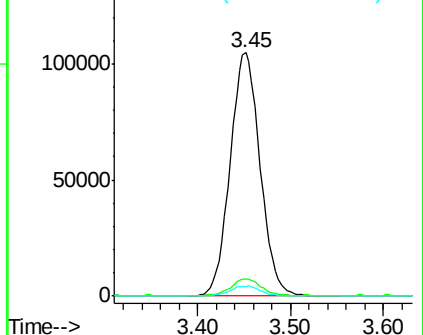
100 4.1 1.8 5.5

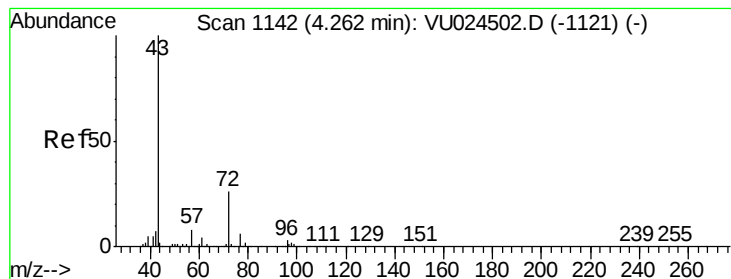


Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 97.90 (97.60 to 98.60): VU0

Ion 99.90 (99.60 to 100.60): VU0





#25

2-Butanone

Concen: 199.09 ug/l

RT: 4.26 min Scan# 1142

Delta R.T. 0.00 min

Lab File: VU024502.D

Acq: 13 Jun 2018 12:42

Instrument :

MSVOA_U

ClientSampleId :

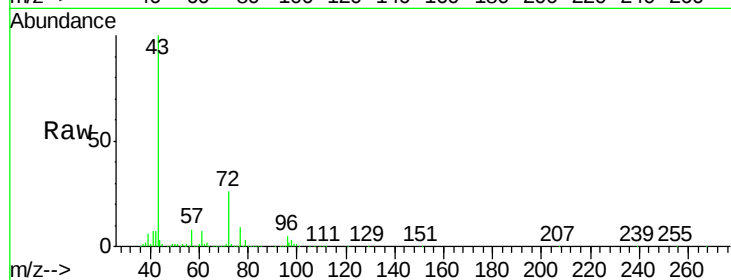
VSTDICCC050

Tgt Ion: 43 Resp: 588419

Ion Ratio Lower Upper

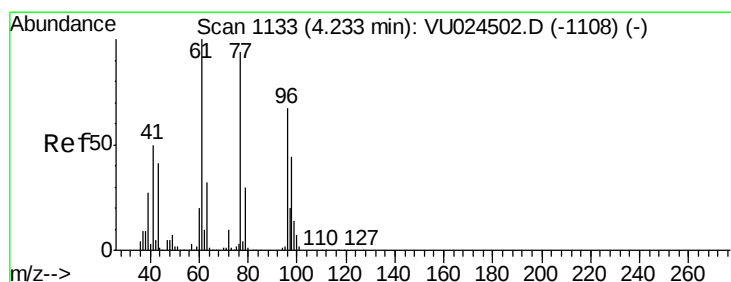
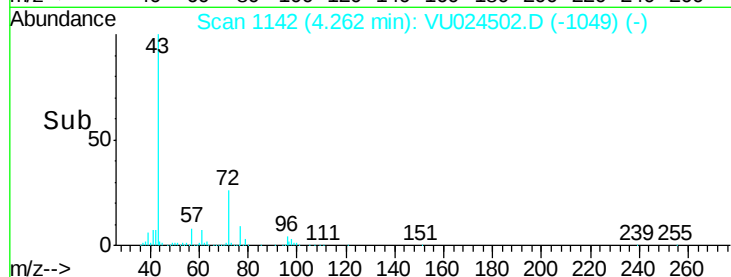
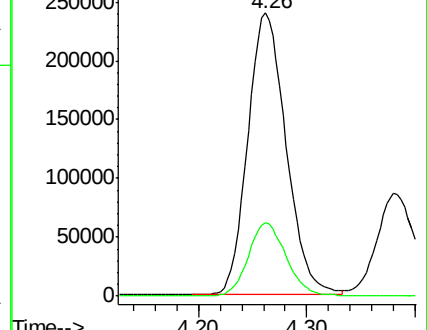
43 100

72 26.1 19.6 29.4



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0



#26

2,2-Dichloropropane

Concen: 49.08 ug/l

RT: 4.23 min Scan# 1133

Delta R.T. 0.00 min

Lab File: VU024502.D

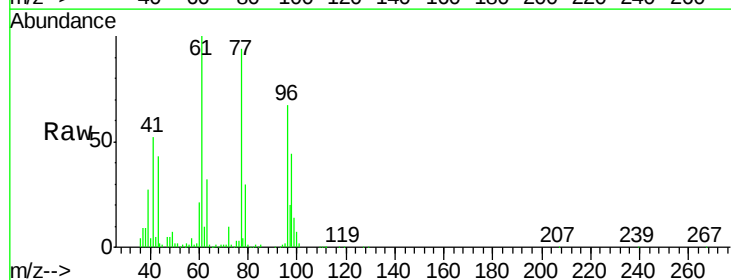
Acq: 13 Jun 2018 12:42

Tgt Ion: 77 Resp: 218039

Ion Ratio Lower Upper

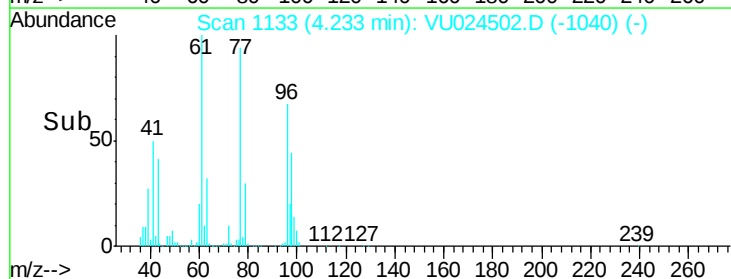
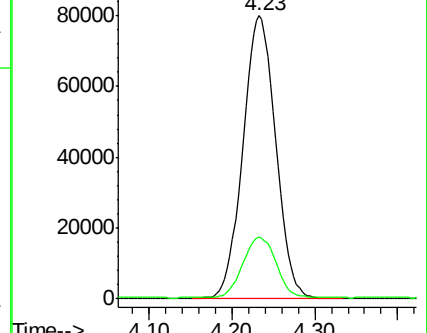
77 100

97 21.9 11.3 33.8



Abundance Ion 76.90 (76.60 to 77.60): VU0

Ion 96.90 (96.60 to 97.60): VU0





#27

cis-1,2-Dichloroethene

Concen: 43.49 ug/l

RT: 4.23 min Scan# 1133

Delta R.T. 0.00 min

Lab File: VU024502.D

Acq: 13 Jun 2018 12:42

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC050

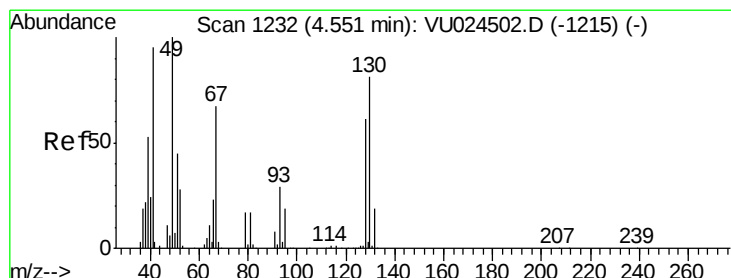
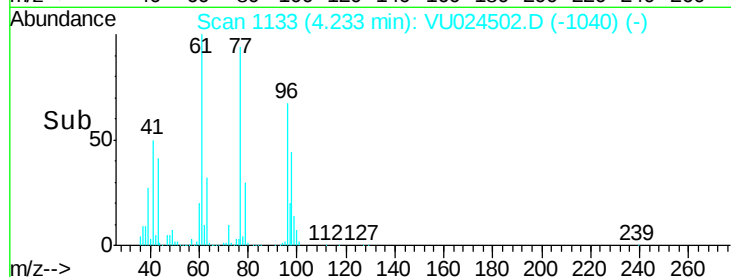
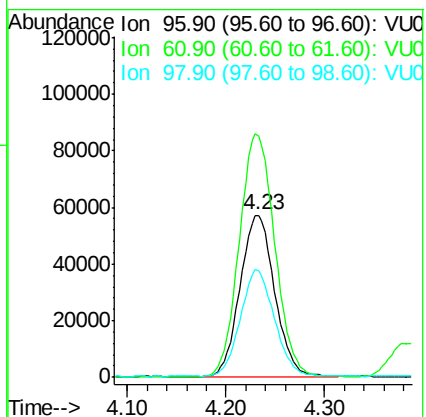
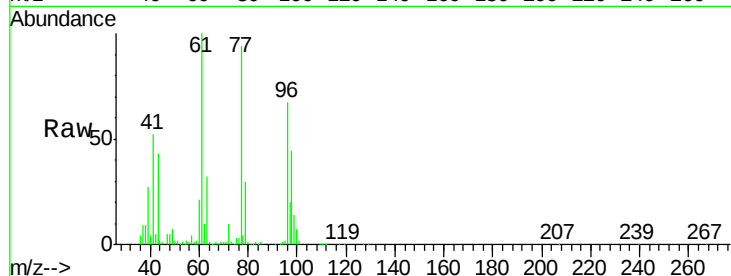
Tgt Ion: 96 Resp: 138036

Ion Ratio Lower Upper

96 100

61 156.2 0.0 306.6

98 65.1 0.0 128.8



#28

Bromochloromethane

Concen: 51.64 ug/l

RT: 4.55 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VU024502.D

Acq: 13 Jun 2018 12:42

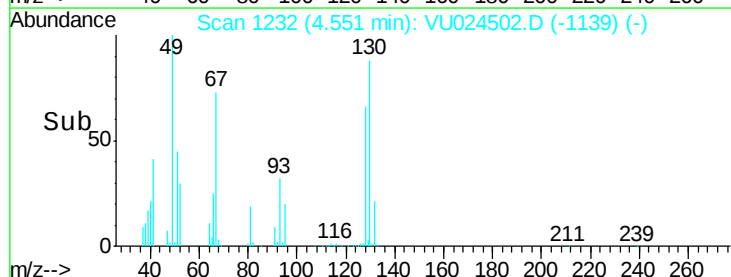
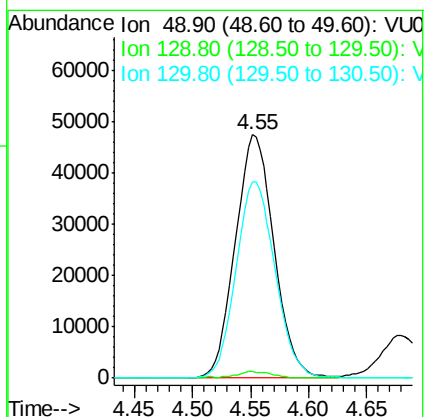
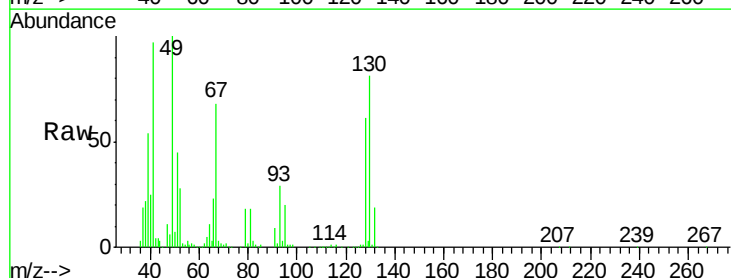
Tgt Ion: 49 Resp: 110186

Ion Ratio Lower Upper

49 100

129 2.2 0.0 3.8

130 81.9 57.8 86.6

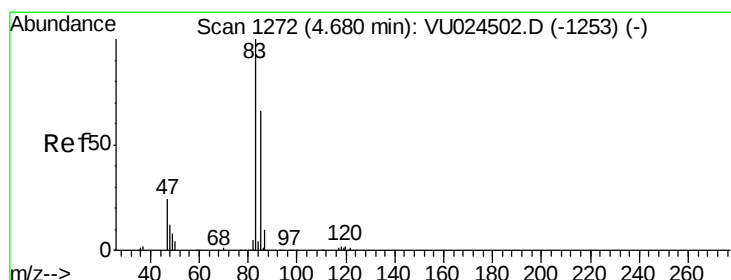
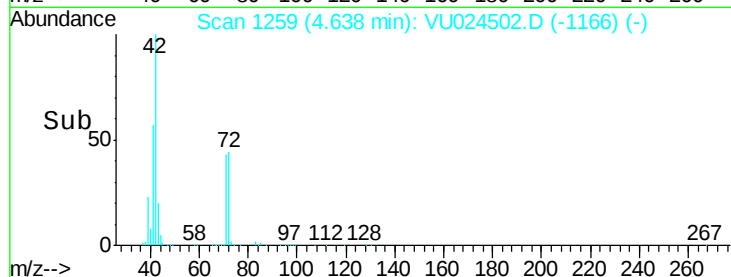
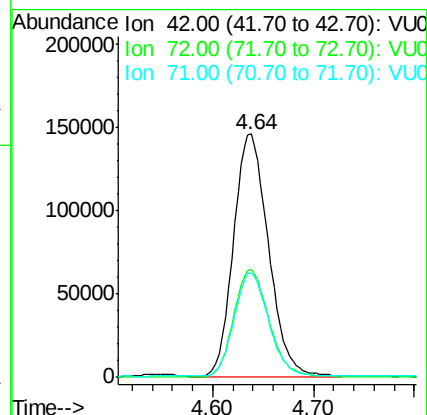
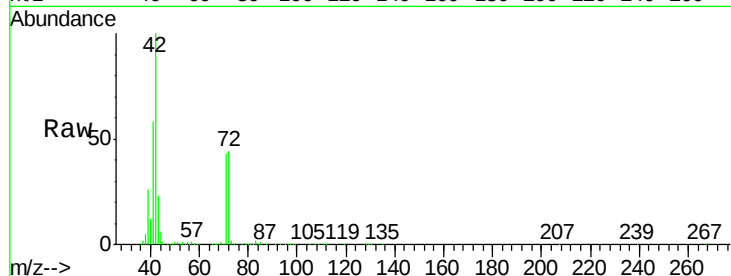




#29
Tetrahydrofuran
Concen: 207.77 ug/l
RT: 4.64 min Scan# 1259
Delta R.T. 0.00 min
Lab File: VU024502.D
Acq: 13 Jun 2018 12:42

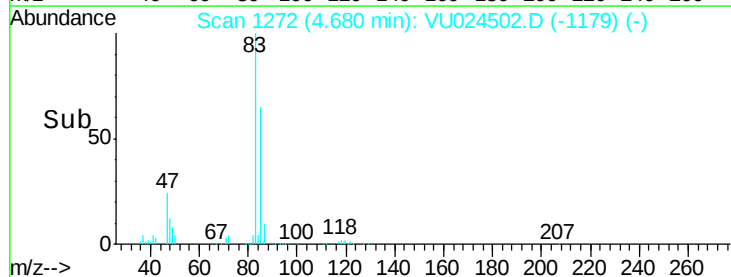
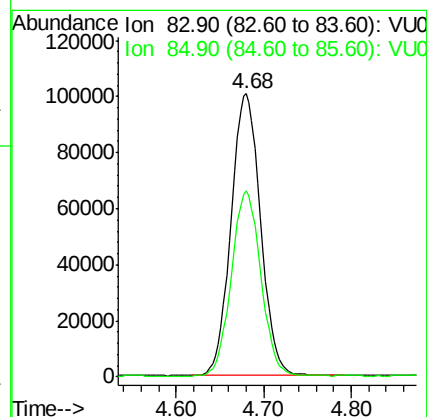
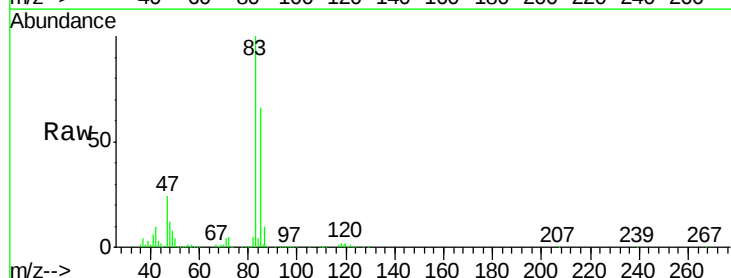
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

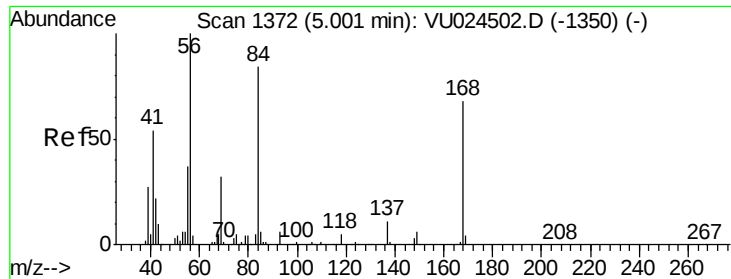
Tgt Ion: 42 Resp: 350425
Ion Ratio Lower Upper
42 100
72 44.7 34.5 51.7
71 42.1 32.2 48.4



#30
Chloroform
Concen: 39.87 ug/l
RT: 4.68 min Scan# 1272
Delta R.T. 0.00 min
Lab File: VU024502.D
Acq: 13 Jun 2018 12:42

Tgt Ion: 83 Resp: 235405
Ion Ratio Lower Upper
83 100
85 65.7 52.4 78.6

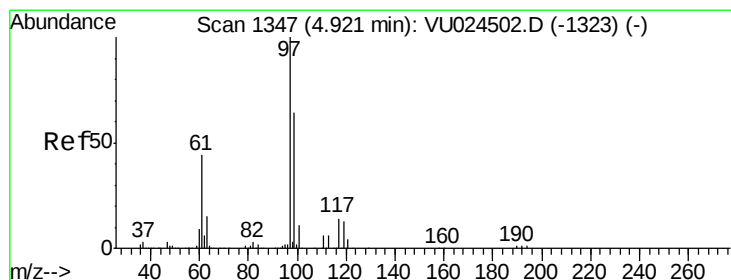
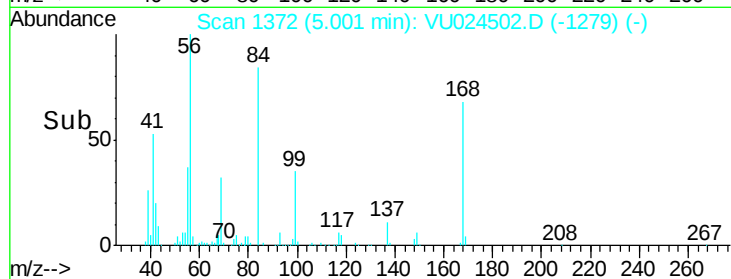
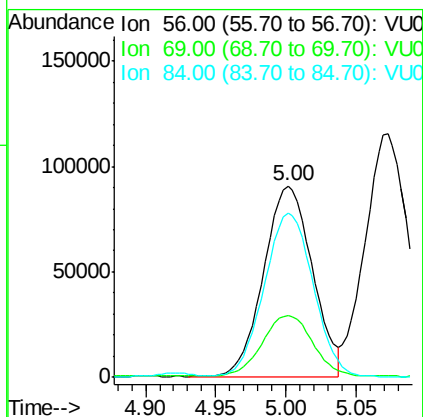
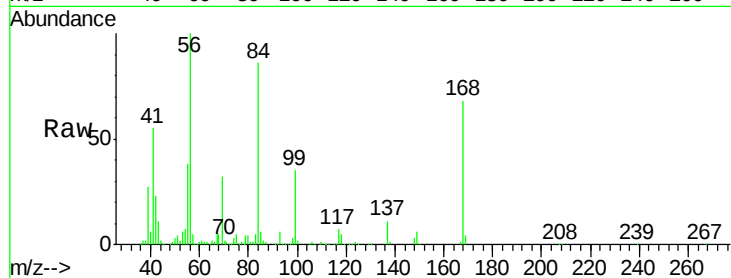




#31
Cyclohexane
Concen: 37.52 ug/l
RT: 5.00 min Scan# 1372
Delta R.T. 0.00 min
Lab File: VU024502.D
Acq: 13 Jun 2018 12:42

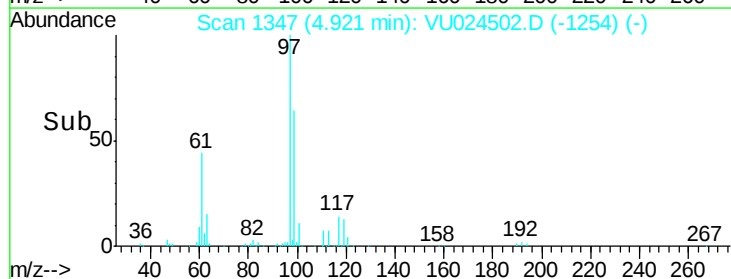
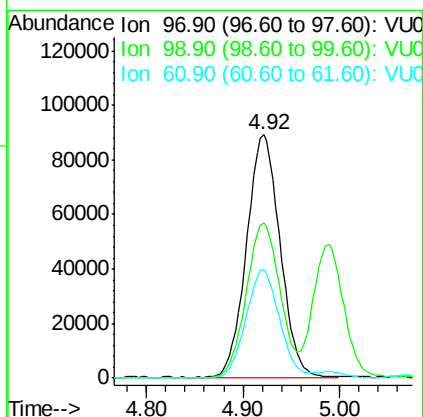
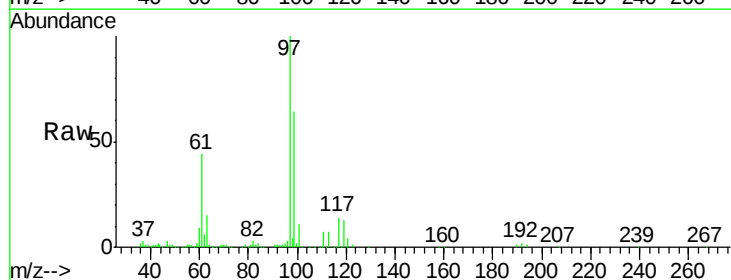
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

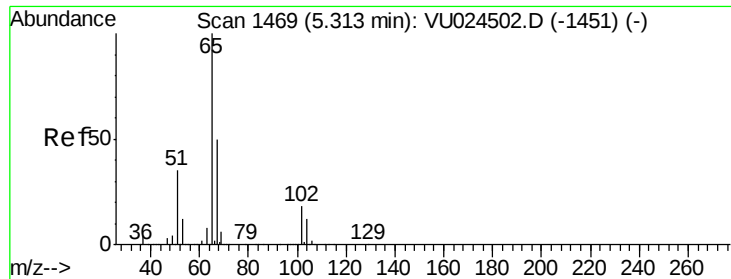
Tgt Ion	Ratio	Lower	Upper
56	100		
69	31.7	24.8	37.2
84	84.4	65.2	97.8



#32
1,1,1-Trichloroethane
Concen: 44.94 ug/l
RT: 4.92 min Scan# 1347
Delta R.T. 0.00 min
Lab File: VU024502.D
Acq: 13 Jun 2018 12:42

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.1	51.0	76.6
61	45.0	39.4	59.0

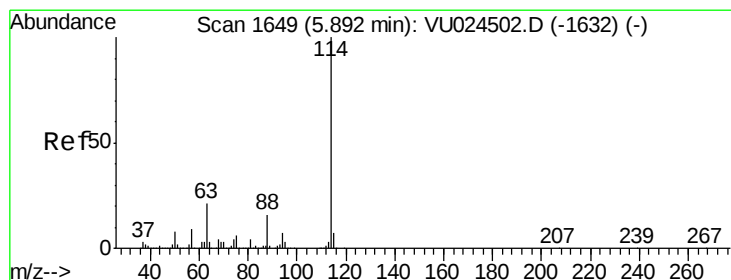
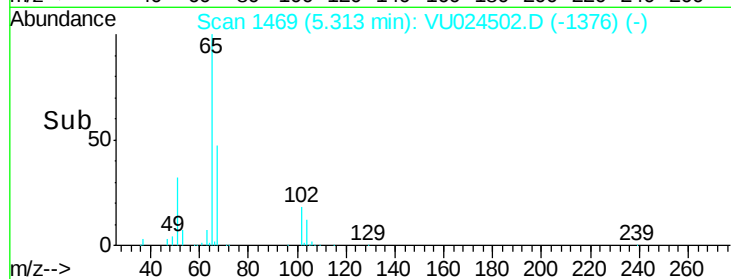
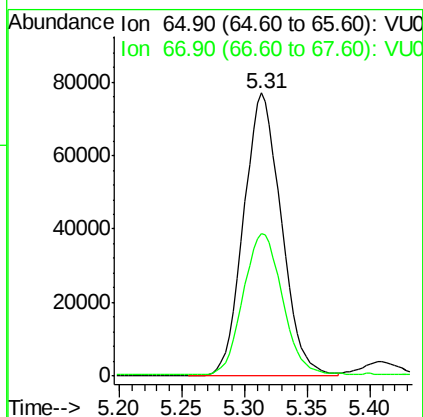
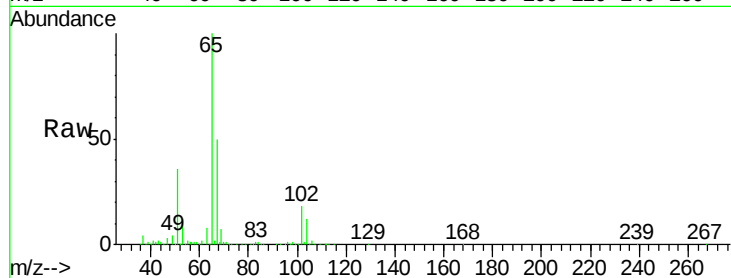




#33
 1,2-Dichloroethane-d4
 Concen: 41.71 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VU024502.D
 Acq: 13 Jun 2018 12:42

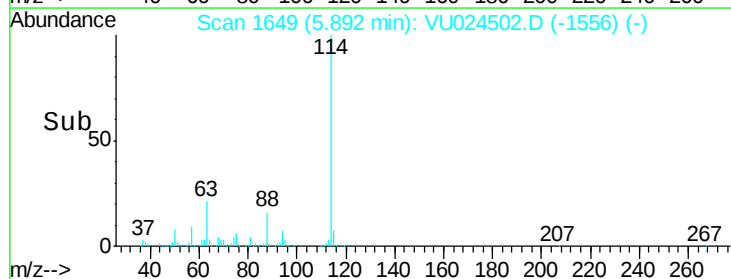
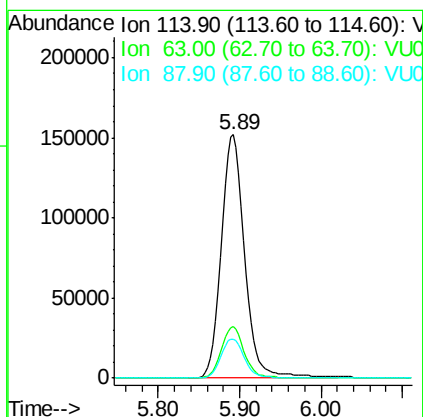
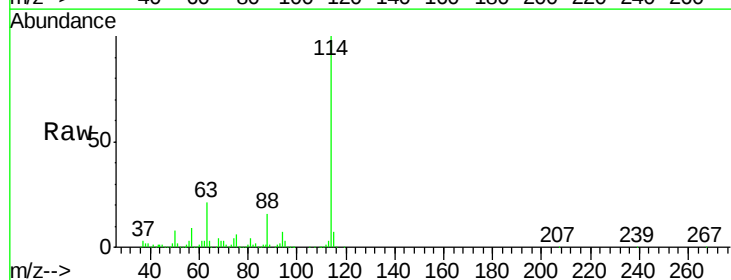
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

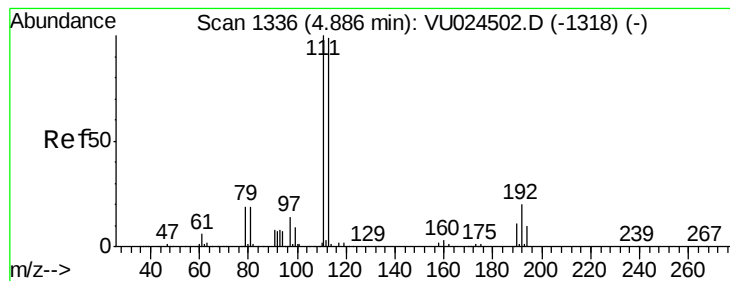
Tgt Ion: 65 Resp: 161489
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.89 min Scan# 1649
 Delta R.T. 0.00 min
 Lab File: VU024502.D
 Acq: 13 Jun 2018 12:42

Tgt Ion: 114 Resp: 310178
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 45.4
 88 16.2 0.0 31.0





#35

Dibromofluoromethane

Concen: 40.75 ug/l

RT: 4.89 min Scan# 1336

Delta R.T. 0.00 min

Lab File: VU024502.D

Acq: 13 Jun 2018 12:42

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC050

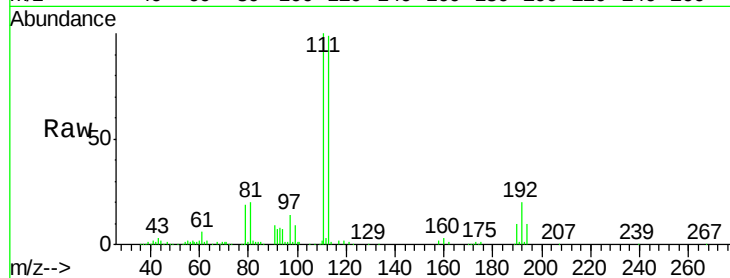
Tgt Ion:113 Resp: 129809

Ion Ratio Lower Upper

113 100

111 100.8 82.2 123.4

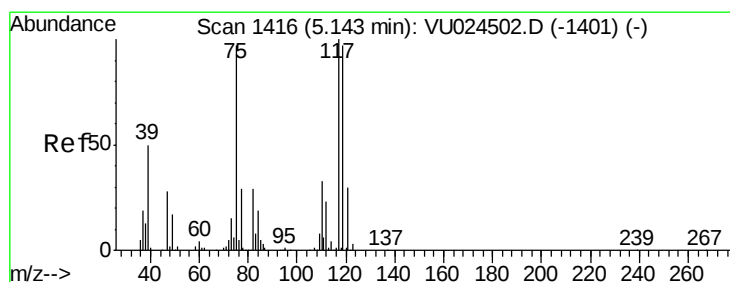
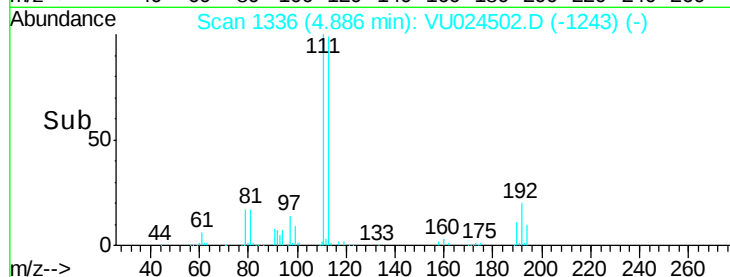
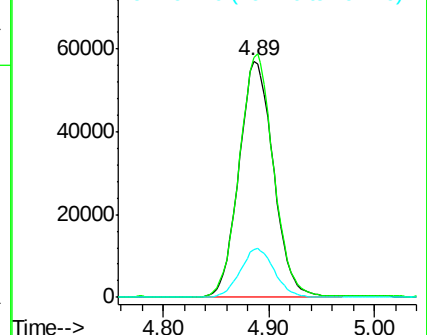
192 20.4 16.2 24.4



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: 39.89 ug/l

RT: 5.14 min Scan# 1416

Delta R.T. 0.00 min

Lab File: VU024502.D

Acq: 13 Jun 2018 12:42

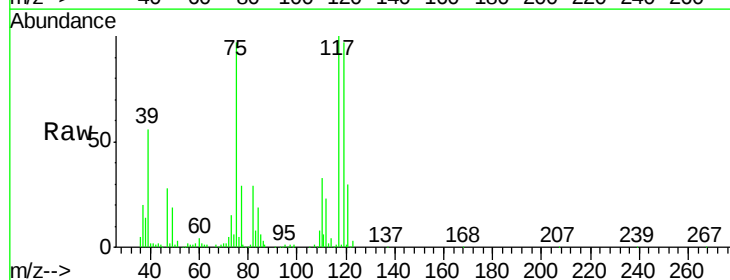
Tgt Ion: 75 Resp: 176568

Ion Ratio Lower Upper

75 100

110 35.2 17.0 50.9

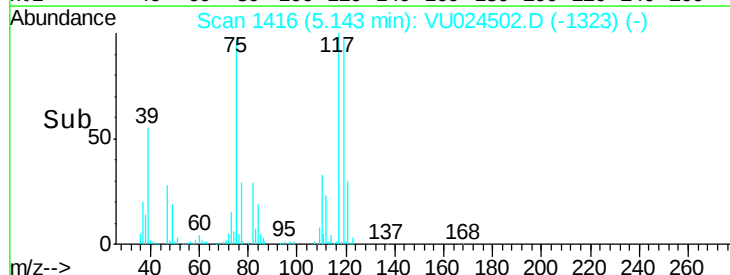
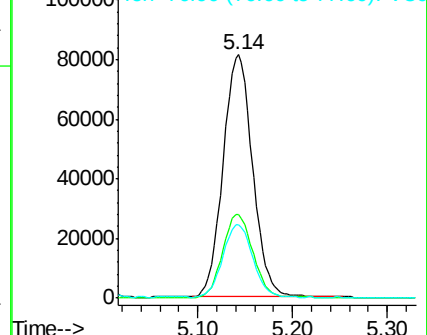
77 30.3 24.2 36.4

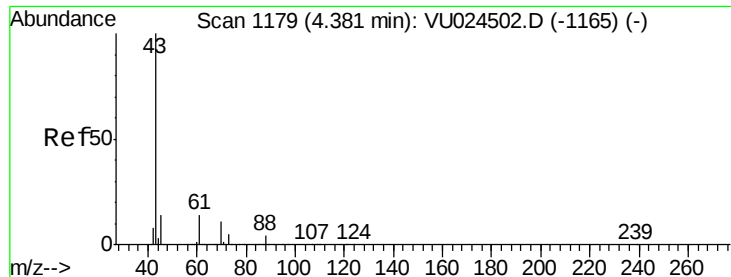


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VU0

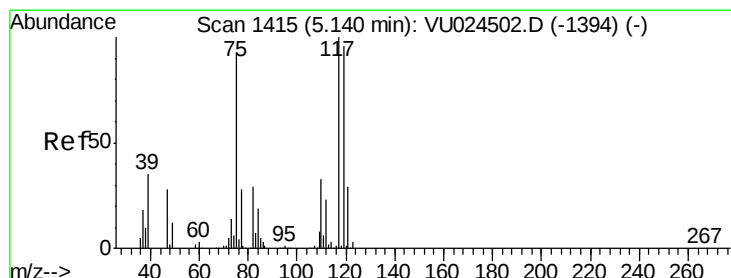
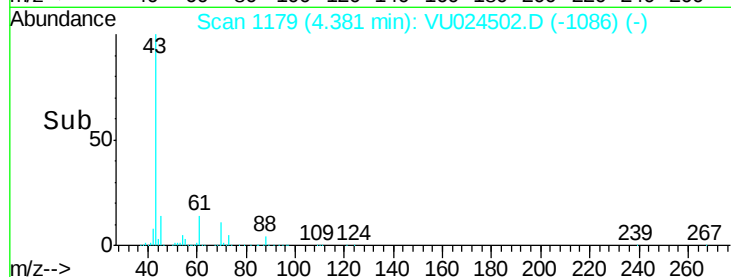
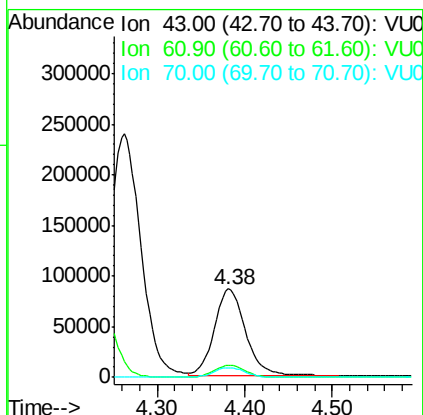
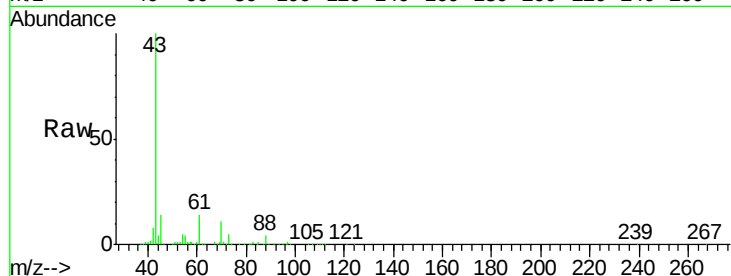




#37
Ethyl Acetate
Concen: 42.41 ug/l
RT: 4.38 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VU024502.D
Acq: 13 Jun 2018 12:42

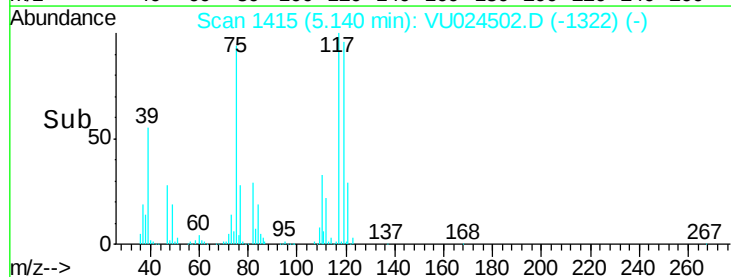
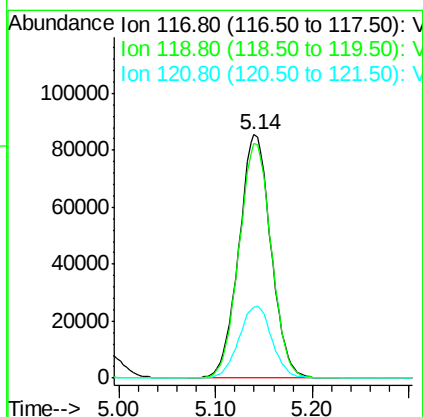
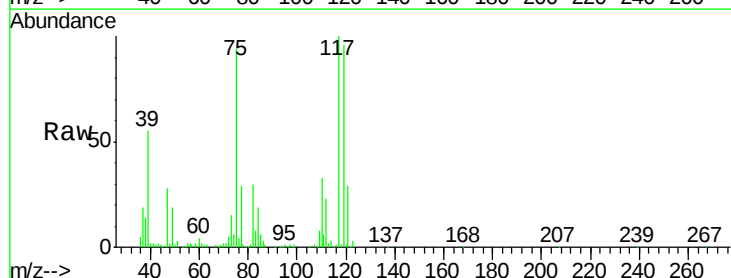
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

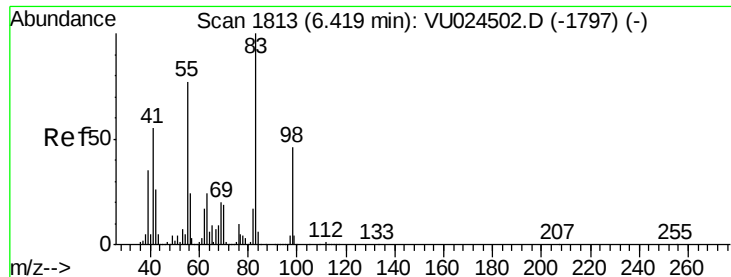
Tgt Ion: 43 Resp: 210491
Ion Ratio Lower Upper
43 100
61 13.7 10.5 15.7
70 10.6 7.4 11.2



#38
Carbon Tetrachloride
Concen: 46.79 ug/l
RT: 5.14 min Scan# 1415
Delta R.T. 0.00 min
Lab File: VU024502.D
Acq: 13 Jun 2018 12:42

Tgt Ion: 117 Resp: 197238
Ion Ratio Lower Upper
117 100
119 96.5 76.1 114.1
121 29.2 23.7 35.5

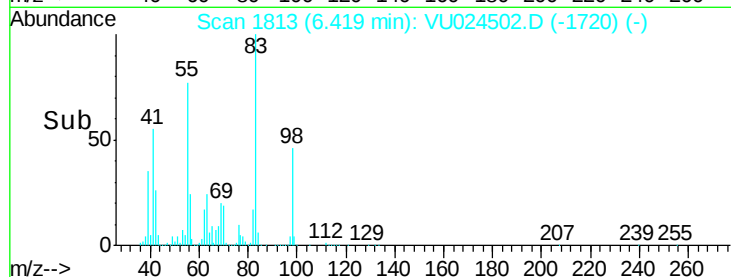
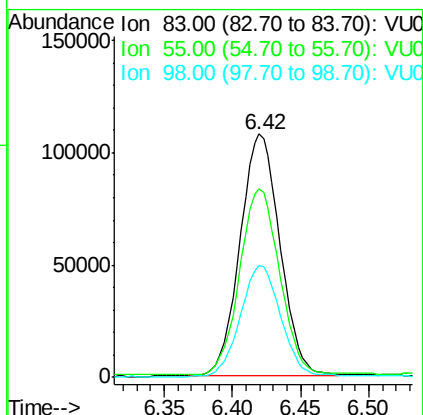
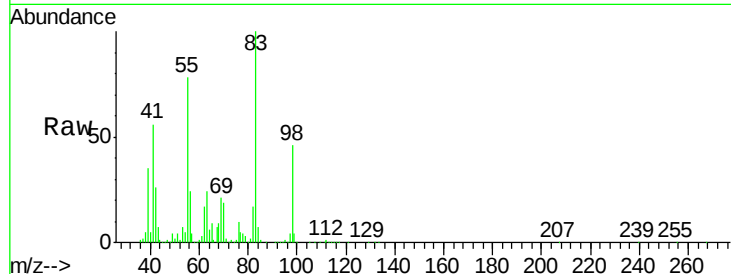




#39
Methylcyclohexane
Concen: 45.88 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. 0.00 min
Lab File: VU024502.D
Acq: 13 Jun 2018 12:42

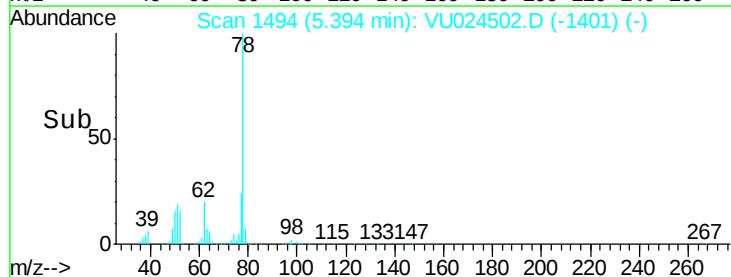
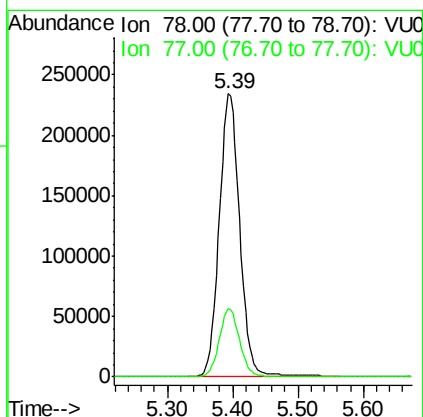
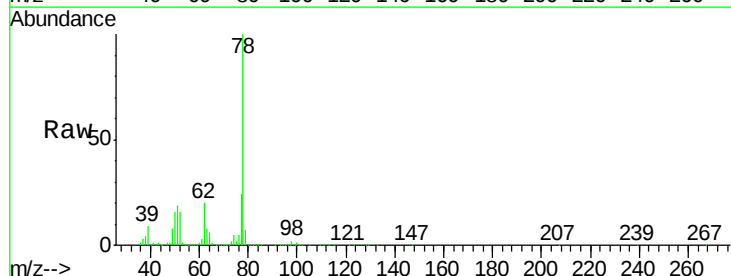
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

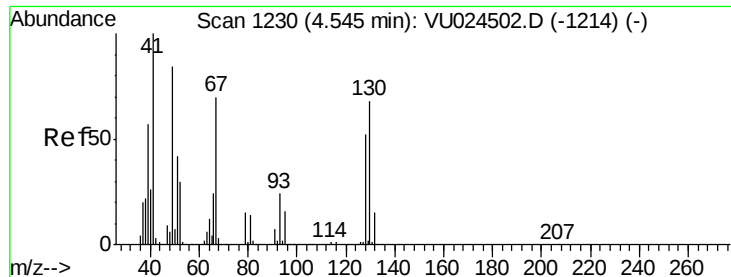
Tgt Ion: 83 Resp: 219420
Ion Ratio Lower Upper
83 100
55 76.9 65.8 98.6
98 45.8 36.7 55.1



#40
Benzene
Concen: 38.54 ug/l
RT: 5.39 min Scan# 1494
Delta R.T. 0.00 min
Lab File: VU024502.D
Acq: 13 Jun 2018 12:42

Tgt Ion: 78 Resp: 514215
Ion Ratio Lower Upper
78 100
77 24.2 19.2 28.8





#41

Methacrylonitrile

Concen: 40.91 ug/l

RT: 4.54 min Scan# 1230

Delta R.T. 0.00 min

Lab File: VU024502.D

Acq: 13 Jun 2018 12:42

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC050

Tgt Ion: 41 Resp: 113791

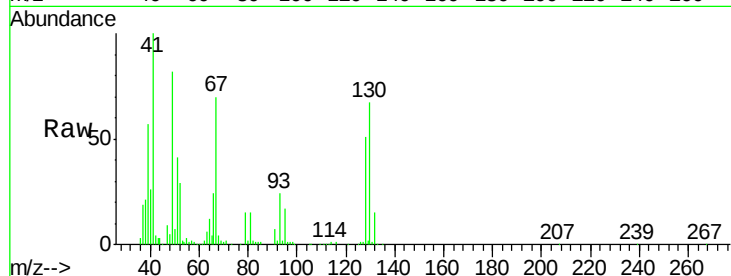
Ion Ratio Lower Upper

41 100

39 55.1 43.8 65.6

67 72.4 56.3 84.5

52 29.5 23.2 34.8

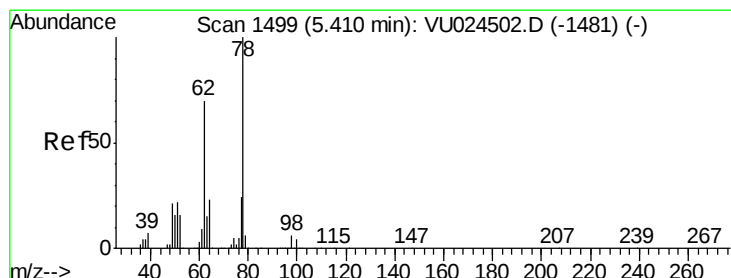
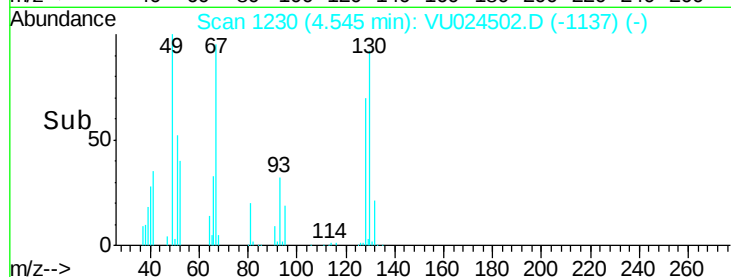
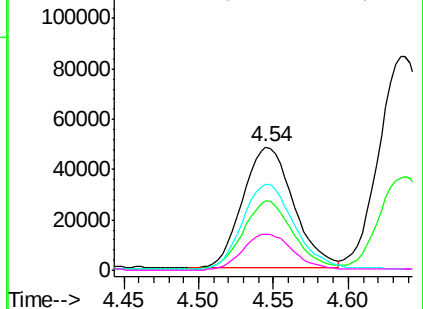


Abundance Ion 41.00 (40.70 to 41.70): VU0

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: 38.08 ug/l

RT: 5.41 min Scan# 1499

Delta R.T. 0.00 min

Lab File: VU024502.D

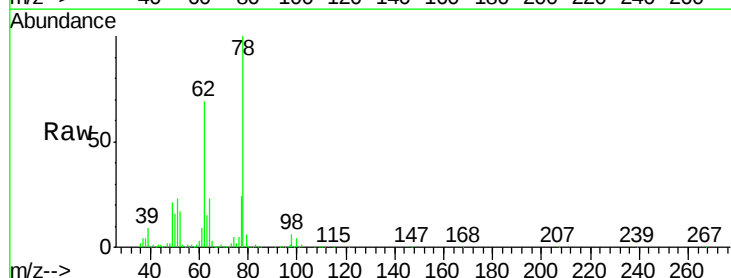
Acq: 13 Jun 2018 12:42

Tgt Ion: 62 Resp: 194589

Ion Ratio Lower Upper

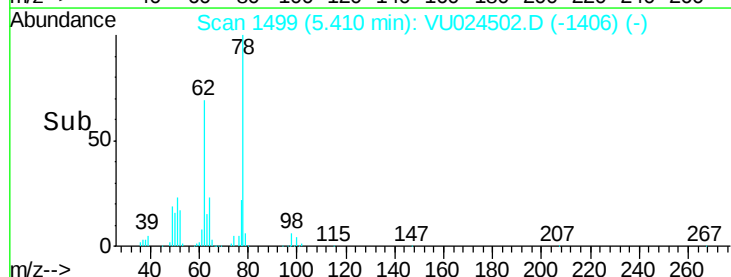
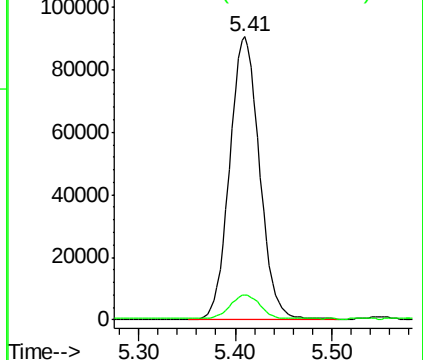
62 100

98 8.3 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: 44.28 ug/l

RT: 5.55 min Scan# 1543

Delta R.T. 0.00 min

Lab File: VU024502.D

Acq: 13 Jun 2018 12:42

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC050

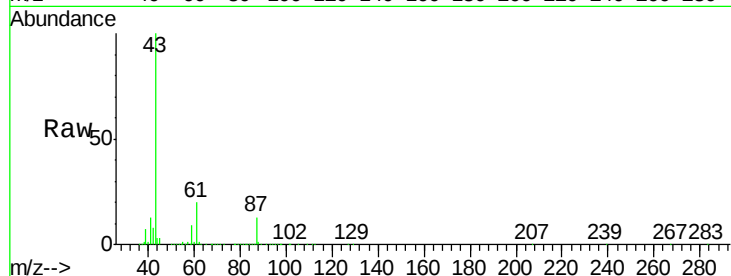
Tgt Ion: 43 Resp: 334721

Ion Ratio Lower Upper

43 100

61 20.5 15.4 23.0

87 13.3 10.0 15.0



Abundance Ion 43.00 (42.70 to 43.70): VU024502.D (-1528) (-)

Ion 61.00 (60.70 to 61.70): VU024502.D (-1528) (-)

Ion 87.00 (86.70 to 87.70): VU024502.D (-1528) (-)

5.55

200000

150000

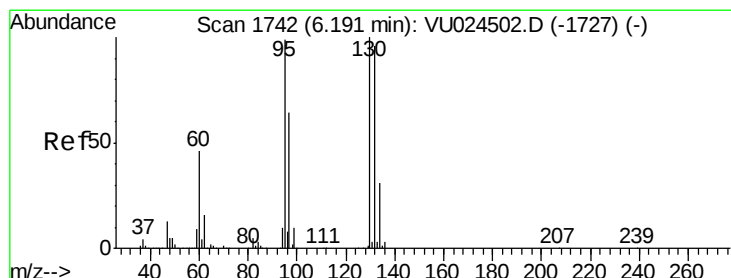
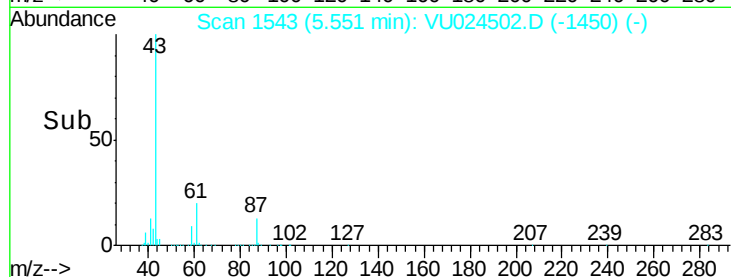
100000

50000

0

5.50 5.55 5.60

Time-->



#44

Trichloroethene

Concen: 40.78 ug/l

RT: 6.19 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VU024502.D

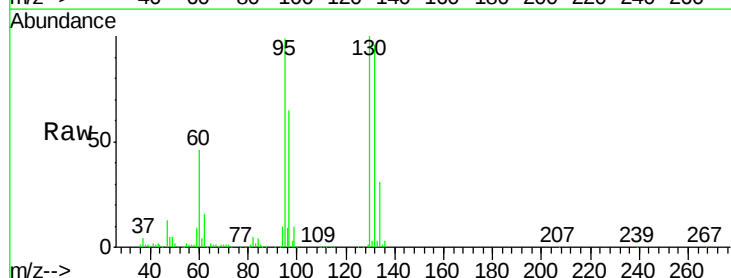
Acq: 13 Jun 2018 12:42

Tgt Ion: 130 Resp: 141749

Ion Ratio Lower Upper

130 100

95 98.6 0.0 202.4



Abundance Ion 129.80 (129.50 to 130.50): VU024502.D (-1727) (-)

Ion 94.90 (94.60 to 95.60): VU024502.D (-1727) (-)

6.19

80000

60000

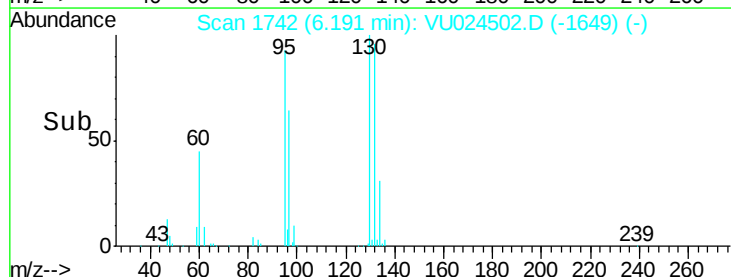
40000

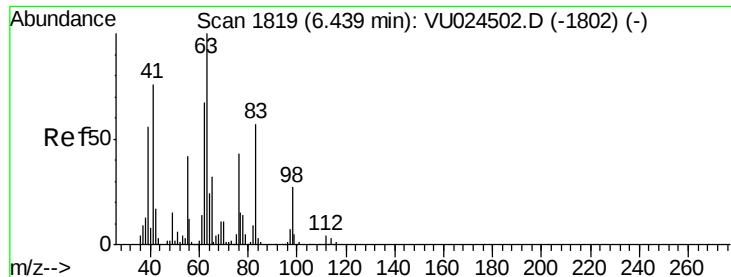
20000

0

6.10 6.15 6.20 6.25

Time-->

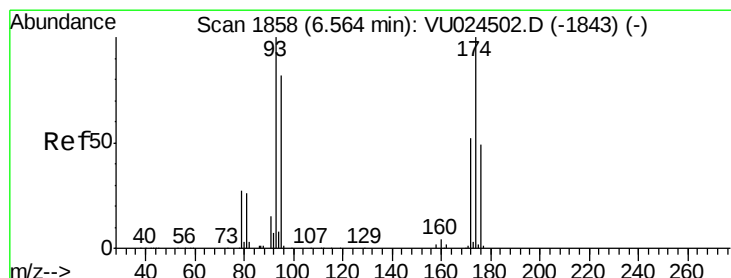
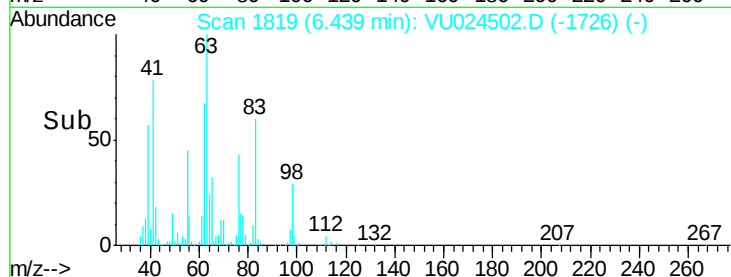
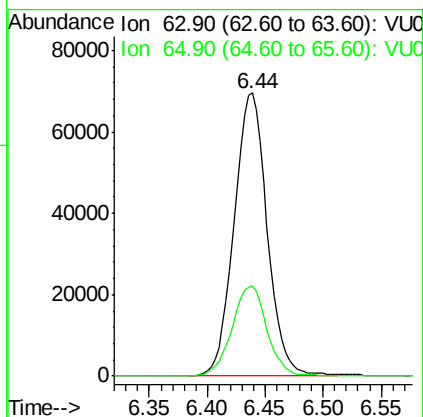
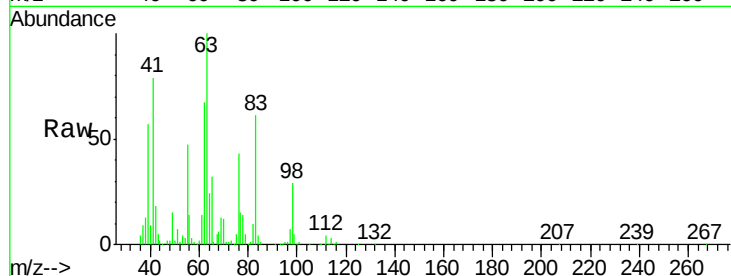




#45
 1,2-Dichloropropane
 Concen: 38.27 ug/l
 RT: 6.44 min Scan# 1819
 Delta R.T. 0.00 min
 Lab File: VU024502.D
 Acq: 13 Jun 2018 12:42

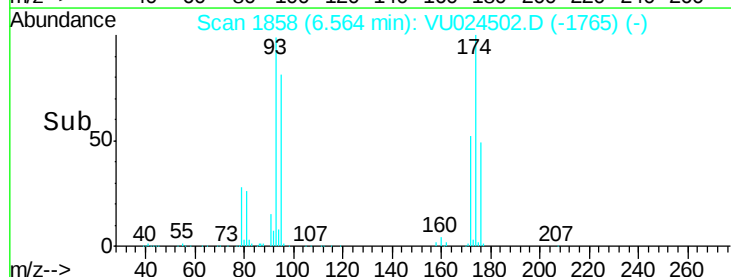
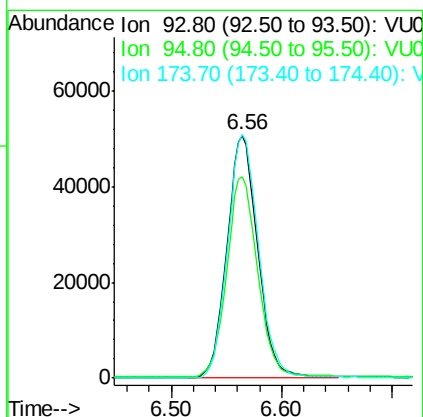
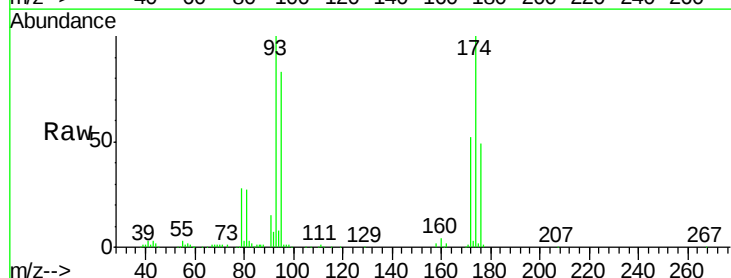
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

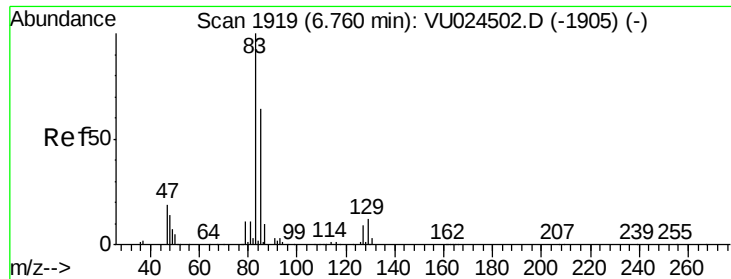
Tgt Ion: 63 Resp: 137232
 Ion Ratio Lower Upper
 63 100
 65 31.6 24.8 37.2



#46
 Dibromomethane
 Concen: 41.36 ug/l
 RT: 6.56 min Scan# 1858
 Delta R.T. 0.00 min
 Lab File: VU024502.D
 Acq: 13 Jun 2018 12:42

Tgt Ion: 93 Resp: 98191
 Ion Ratio Lower Upper
 93 100
 95 81.3 65.5 98.3
 174 100.5 78.7 118.1





#47

Bromodichloromethane

Concen: 41.42 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VU024502.D

Acq: 13 Jun 2018 12:42

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC050

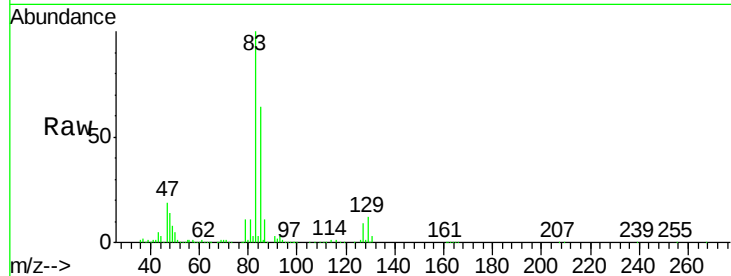
Tgt Ion: 83 Resp: 190225

Ion Ratio Lower Upper

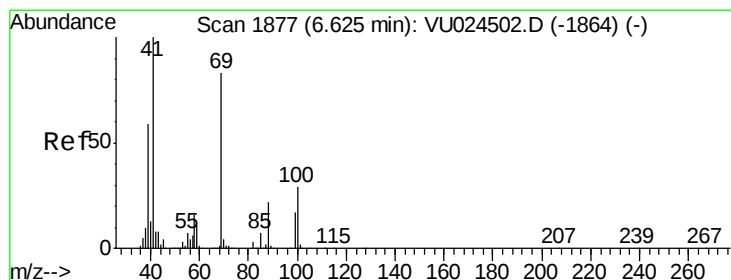
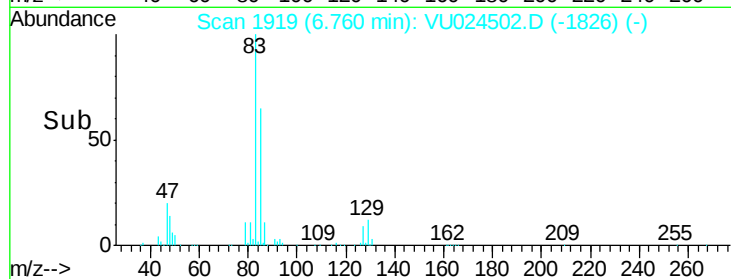
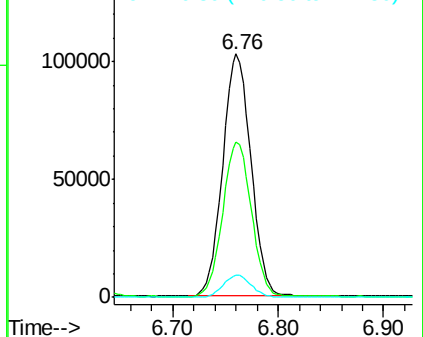
83 100

85 63.6 51.9 77.9

127 9.1 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: 44.91 ug/l

RT: 6.63 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VU024502.D

Acq: 13 Jun 2018 12:42

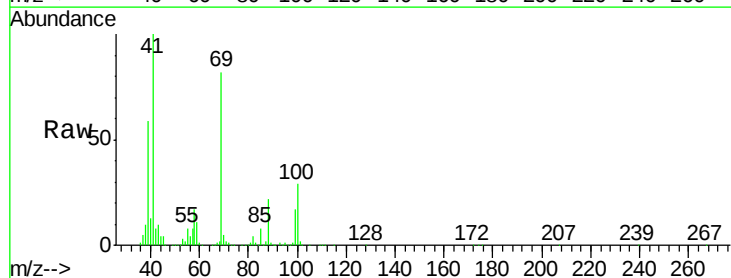
Tgt Ion: 41 Resp: 166426

Ion Ratio Lower Upper

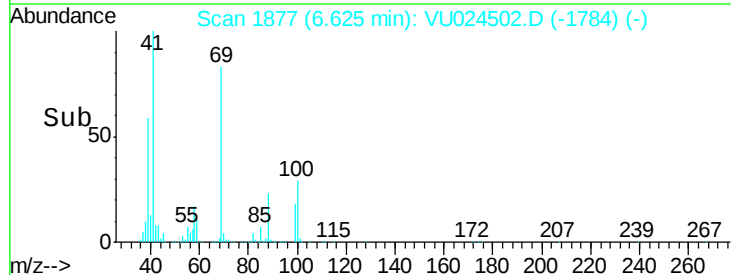
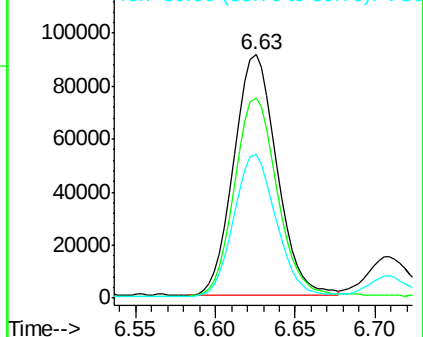
41 100

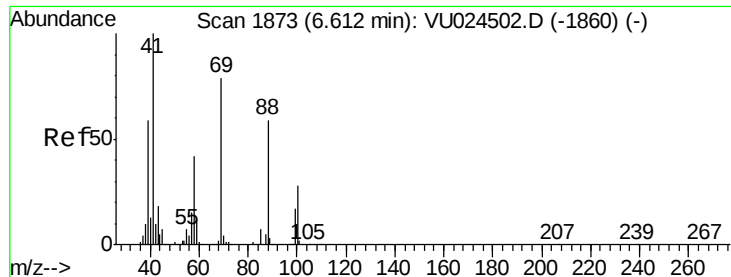
69 83.9 67.3 100.9

39 58.7 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

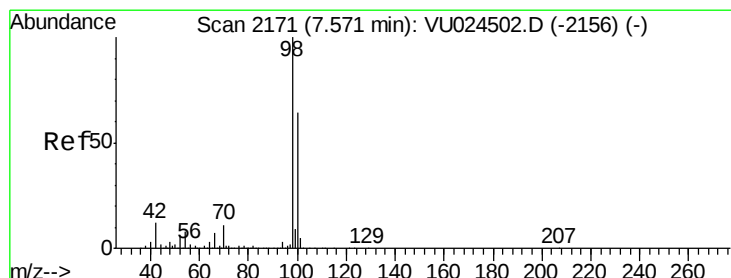
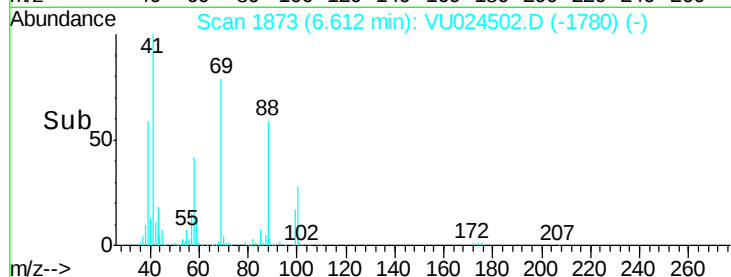
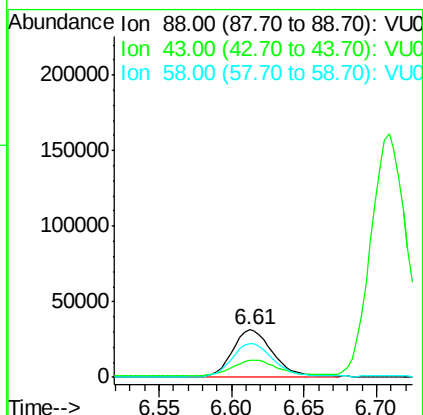
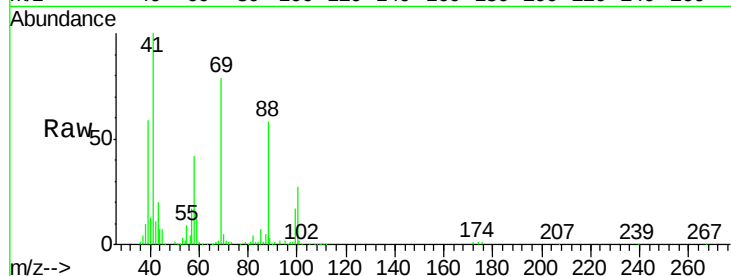




#49
 1,4-Dioxane
 Concen: 772.46 ug/l
 RT: 6.61 min Scan# 1873
 Delta R.T. 0.00 min
 Lab File: VU024502.D
 Acq: 13 Jun 2018 12:42

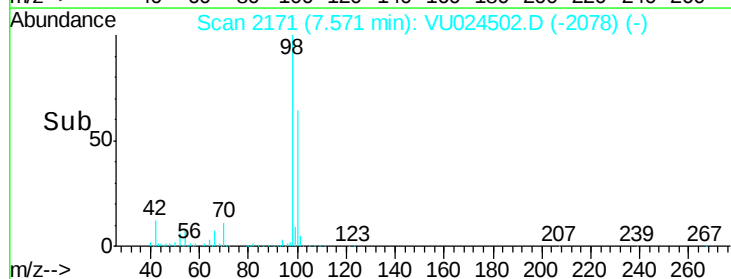
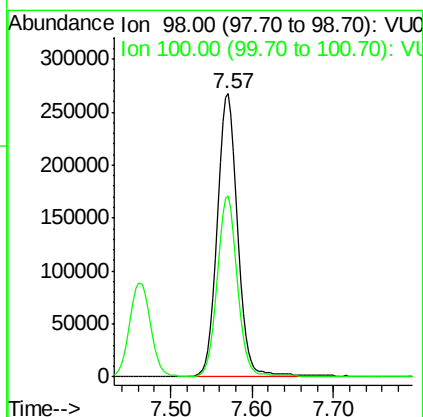
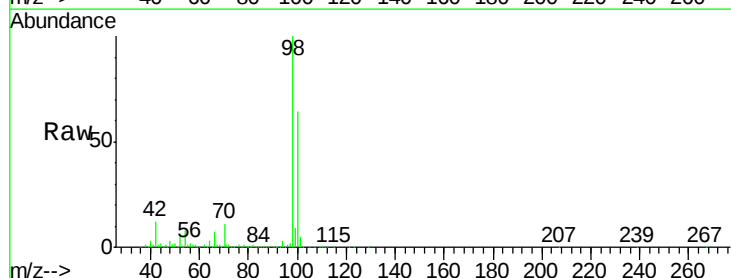
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

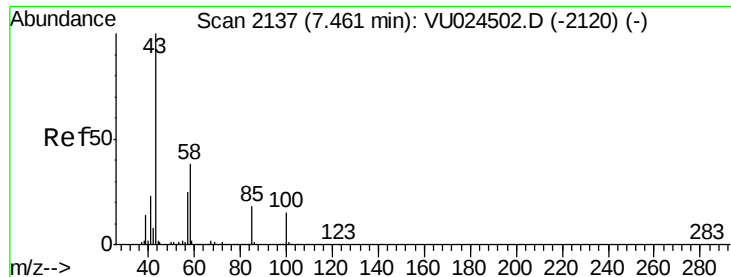
Tgt Ion: 88 Resp: 60387
 Ion Ratio Lower Upper
 88 100
 43 34.5 28.6 42.8
 58 73.4 58.2 87.4



#50
 Toluene-d8
 Concen: 39.88 ug/l
 RT: 7.57 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VU024502.D
 Acq: 13 Jun 2018 12:42

Tgt Ion: 98 Resp: 474811
 Ion Ratio Lower Upper
 98 100
 100 62.6 51.1 76.7

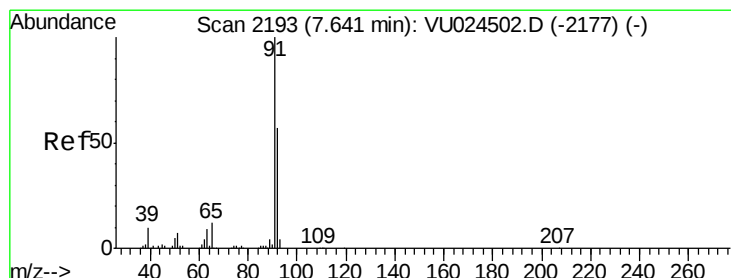
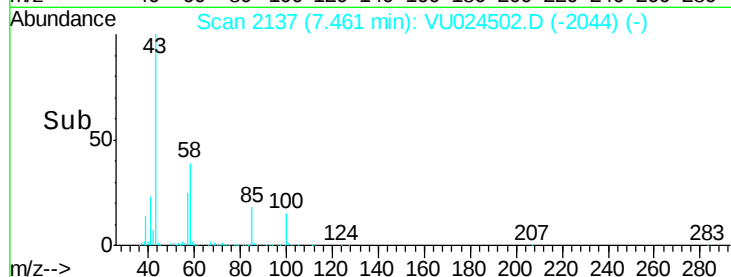
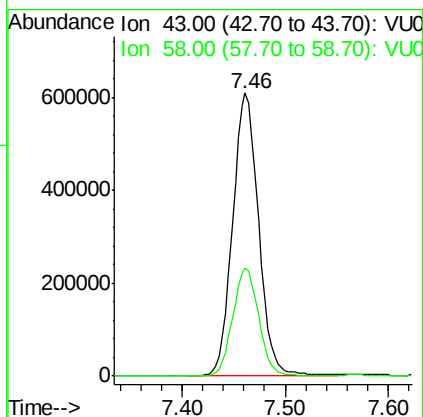
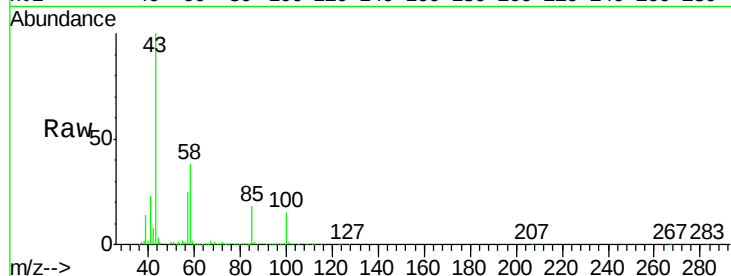




#51
 4-Methyl-2-Pentanone
 Concen: 195.15 ug/l
 RT: 7.46 min Scan# 2137
 Delta R.T. 0.00 min
 Lab File: VU024502.D
 Acq: 13 Jun 2018 12:42

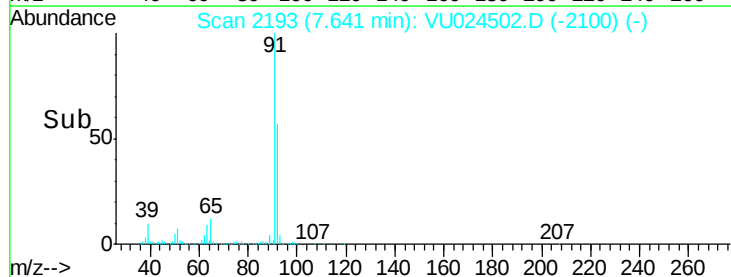
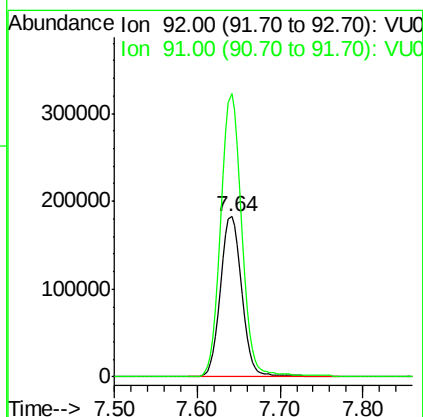
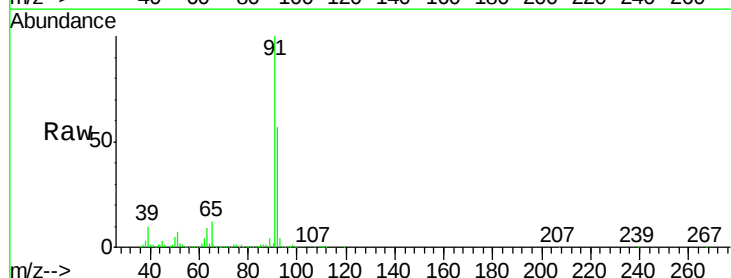
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 43 Resp: 1064211
 Ion Ratio Lower Upper
 43 100
 58 38.4 30.0 45.0



#52
 Toluene
 Concen: 41.30 ug/l
 RT: 7.64 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VU024502.D
 Acq: 13 Jun 2018 12:42

Tgt Ion: 92 Resp: 327004
 Ion Ratio Lower Upper
 92 100
 91 173.3 140.5 210.7





#53

t-1,3-Dichloropropene

Concen: 45.80 ug/l

RT: 7.88 min Scan# 2268

Delta R.T. 0.00 min

Lab File: VU024502.D

Acq: 13 Jun 2018 12:42

Instrument :

MSVOA_U

ClientSampleId :

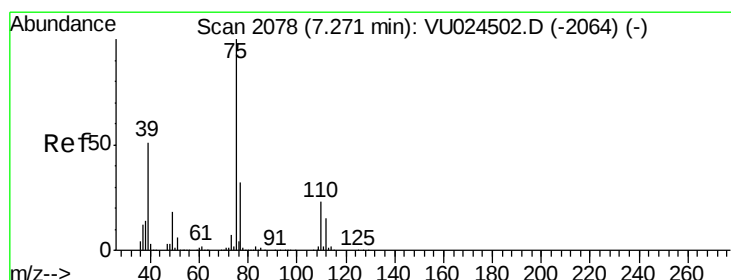
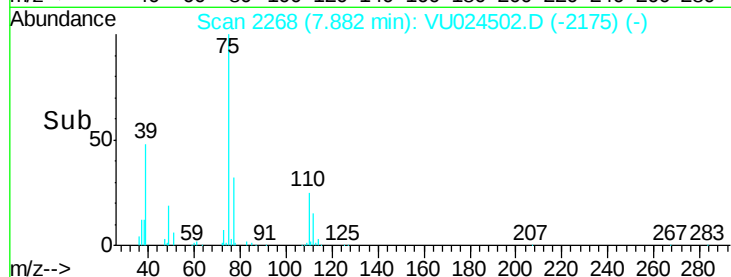
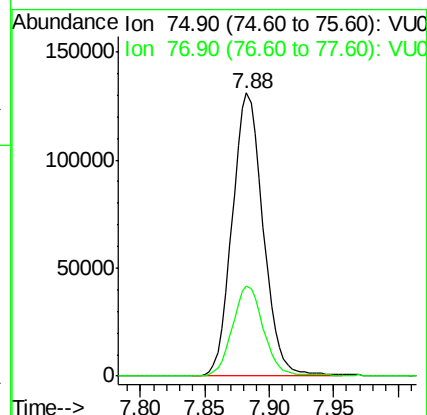
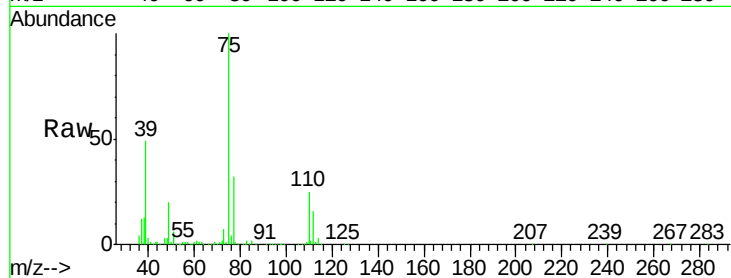
VSTDICCC050

Tgt Ion: 75 Resp: 218750

Ion Ratio Lower Upper

75 100

77 31.6 24.8 37.2



#54

cis-1,3-Dichloropropene

Concen: 43.90 ug/l

RT: 7.27 min Scan# 2078

Delta R.T. 0.00 min

Lab File: VU024502.D

Acq: 13 Jun 2018 12:42

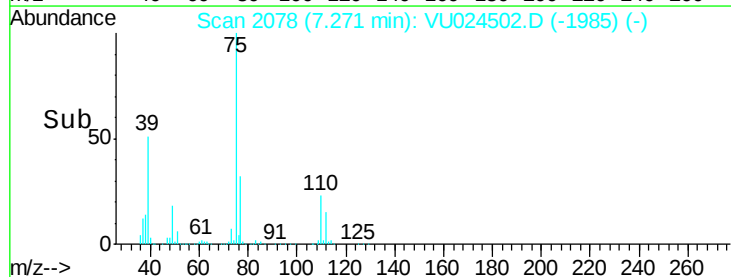
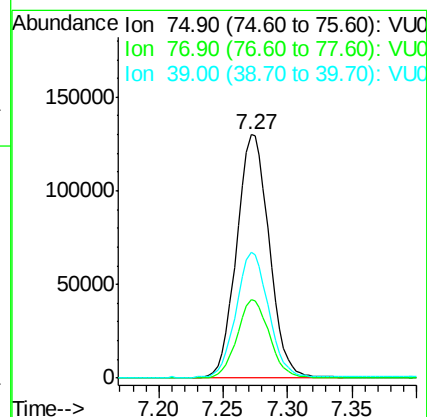
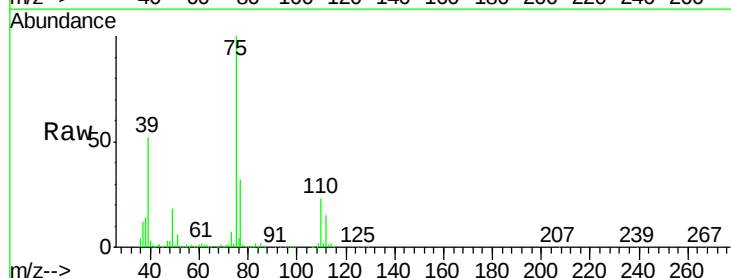
Tgt Ion: 75 Resp: 228784

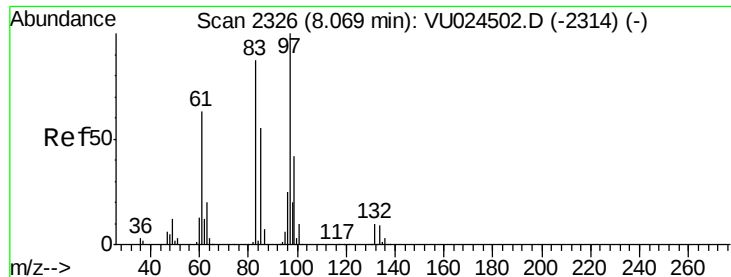
Ion Ratio Lower Upper

75 100

77 32.0 24.6 36.8

39 51.4 39.8 59.6





#55

1,1,2-Trichloroethane

Concen: 37.94 ug/l

RT: 8.07 min Scan# 2326

Delta R.T. 0.00 min

Lab File: VU024502.D

Acq: 13 Jun 2018 12:42

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC050

Tgt Ion: 97 Resp: 128888

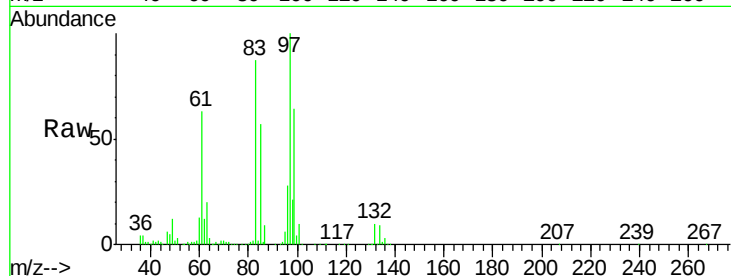
Ion Ratio Lower Upper

97 100

83 87.1 70.5 105.7

85 56.4 46.4 69.6

99 63.7 50.2 75.2

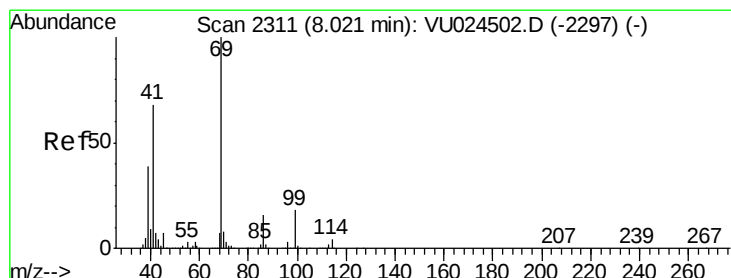
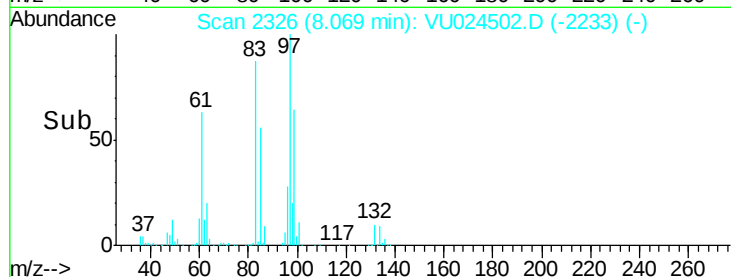
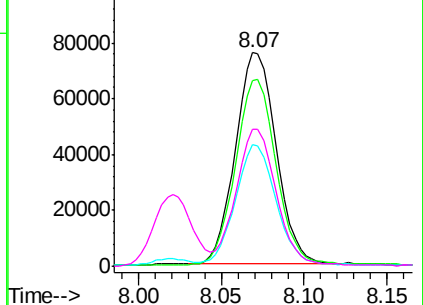


Abundance Ion 96.90 (96.60 to 97.60): VU0

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: 50.07 ug/l

RT: 8.02 min Scan# 2311

Delta R.T. 0.00 min

Lab File: VU024502.D

Acq: 13 Jun 2018 12:42

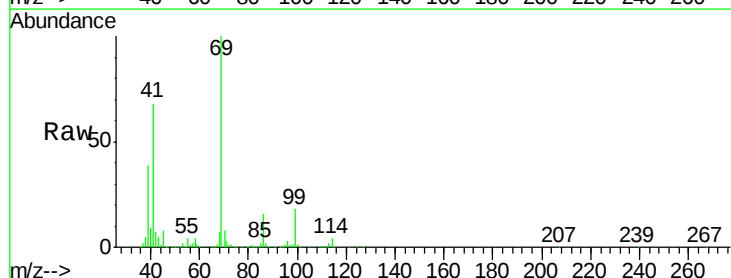
Tgt Ion: 69 Resp: 221680

Ion Ratio Lower Upper

69 100

41 67.0 54.1 81.1

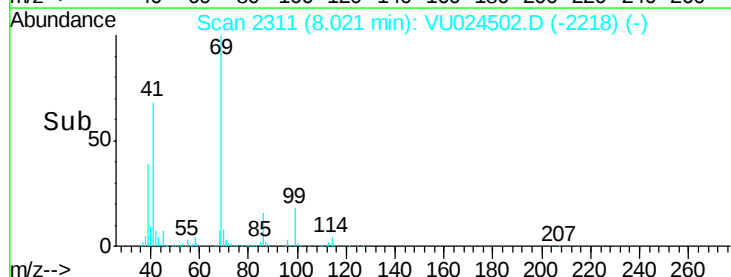
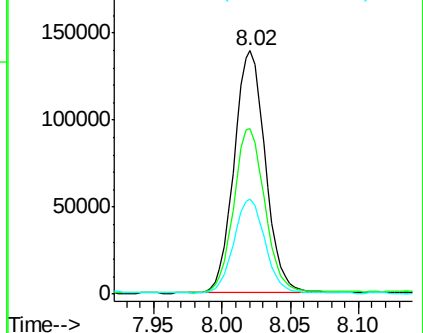
39 39.1 30.3 45.5

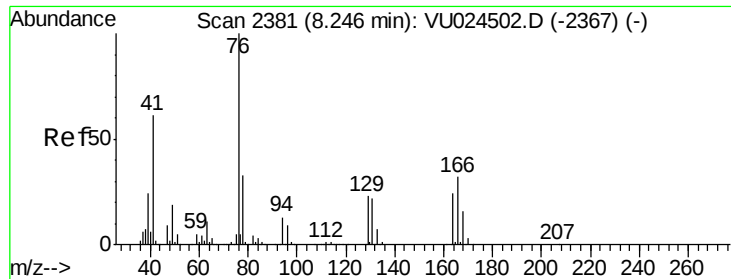


Abundance Ion 69.00 (68.70 to 69.70): VU0

Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0





#57

1,3-Dichloropropane

Concen: 38.39 ug/l

RT: 8.25 min Scan# 2381

Delta R.T. 0.00 min

Lab File: VU024502.D

Acq: 13 Jun 2018 12:42

Instrument :

MSVOA_U

ClientSampleId :

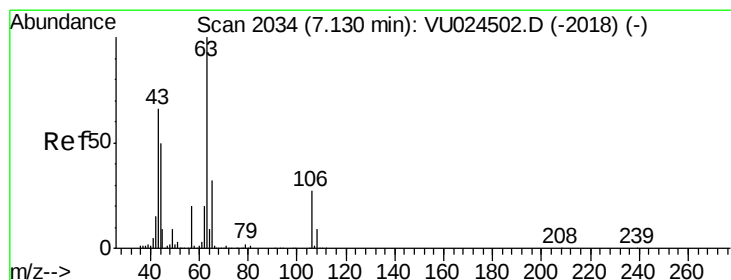
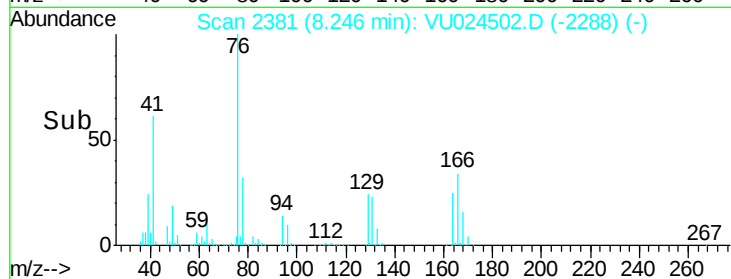
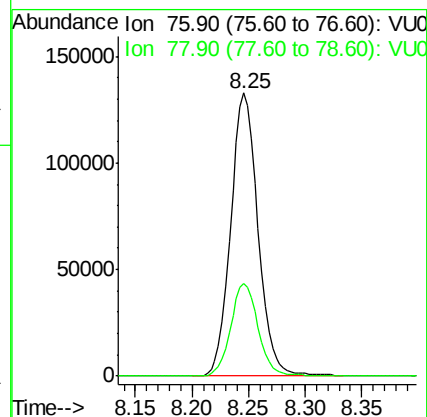
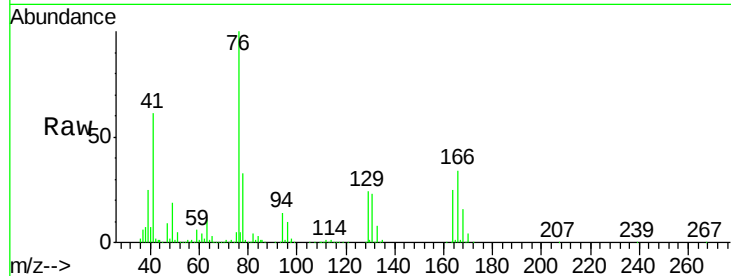
VSTDICCC050

Tgt Ion: 76 Resp: 223970

Ion Ratio Lower Upper

76 100

78 32.8 25.2 37.8



#58

2-Chloroethyl Vinyl ether

Concen: 194.31 ug/l

RT: 7.13 min Scan# 2034

Delta R.T. 0.00 min

Lab File: VU024502.D

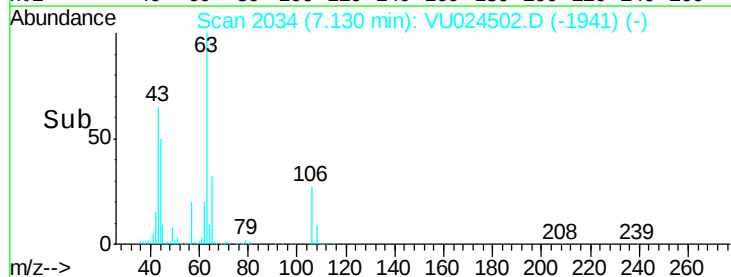
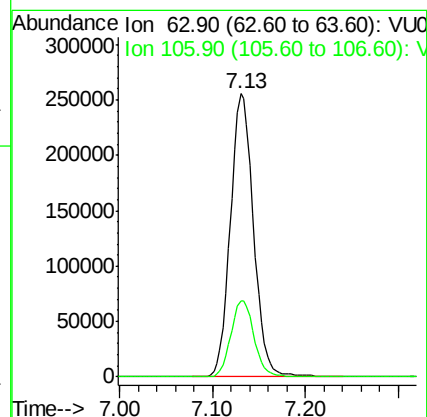
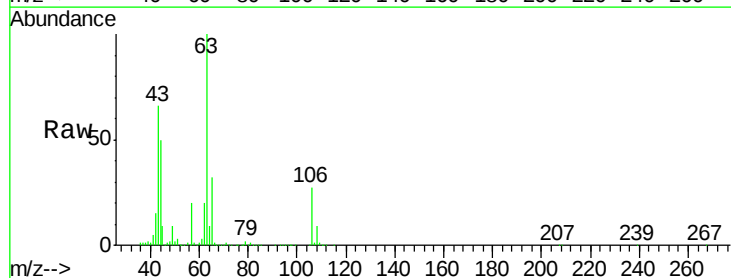
Acq: 13 Jun 2018 12:42

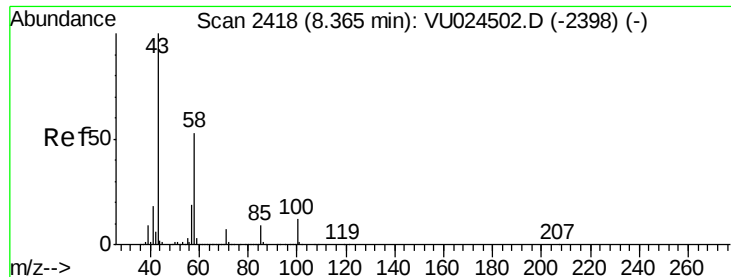
Tgt Ion: 63 Resp: 442436

Ion Ratio Lower Upper

63 100

106 27.2 20.2 30.2

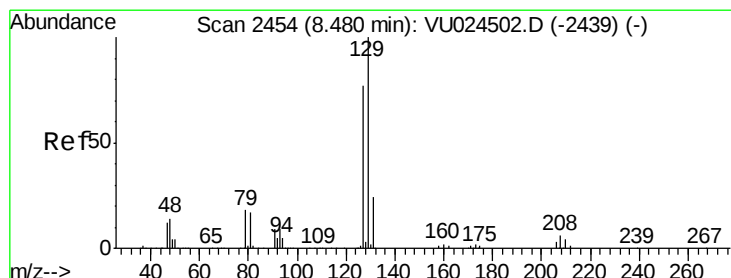
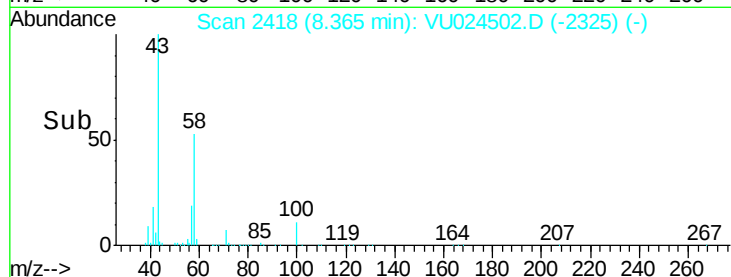
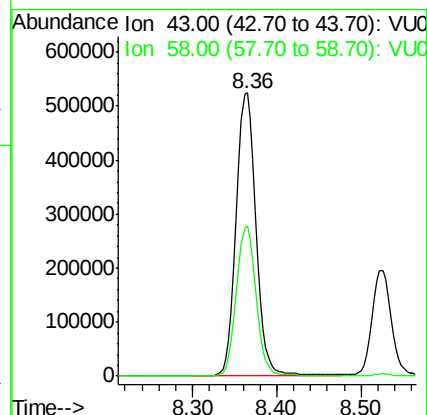
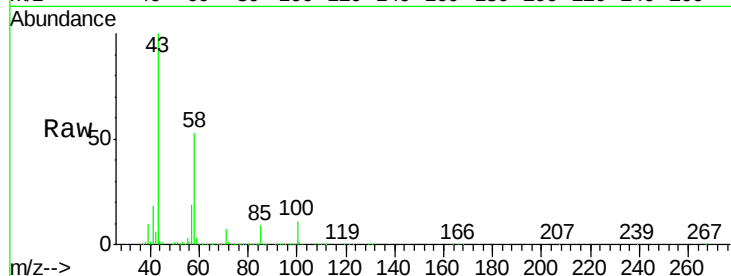




#59
2-Hexanone
Concen: 196.14 ug/l
RT: 8.36 min Scan# 2418
Delta R.T. 0.00 min
Lab File: VU024502.D
Acq: 13 Jun 2018 12:42

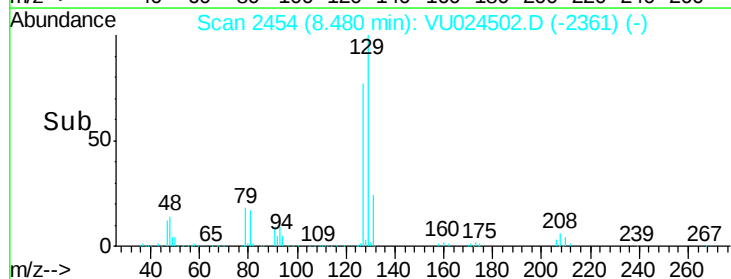
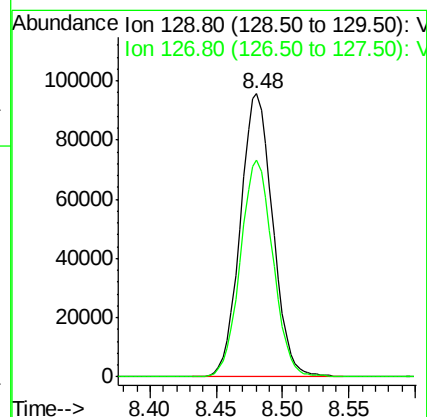
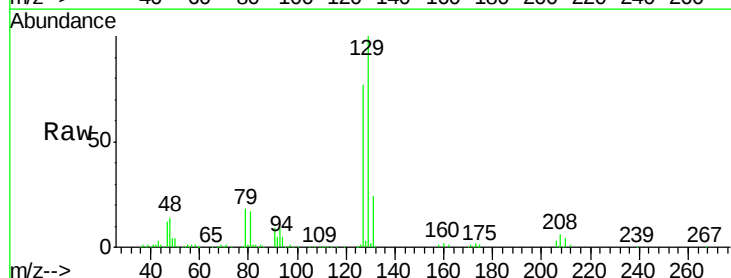
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 855730
Ion Ratio Lower Upper
43 100
58 52.8 26.4 79.0



#60
Dibromochloromethane
Concen: 47.13 ug/l
RT: 8.48 min Scan# 2454
Delta R.T. 0.00 min
Lab File: VU024502.D
Acq: 13 Jun 2018 12:42

Tgt Ion: 129 Resp: 162447
Ion Ratio Lower Upper
129 100
127 77.3 38.6 116.0





#61

1,2-Dibromoethane

Concen: 41.17 ug/l

RT: 8.59 min Scan# 2488

Delta R.T. 0.00 min

Lab File: VU024502.D

Acq: 13 Jun 2018 12:42

Instrument :

MSVOA_U

ClientSampleId :

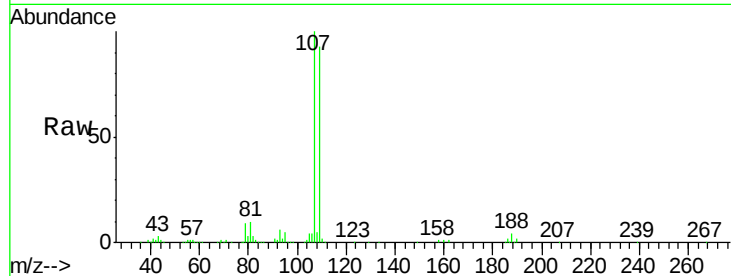
VSTDICCC050

Tgt Ion: 107 Resp: 146257

Ion Ratio Lower Upper

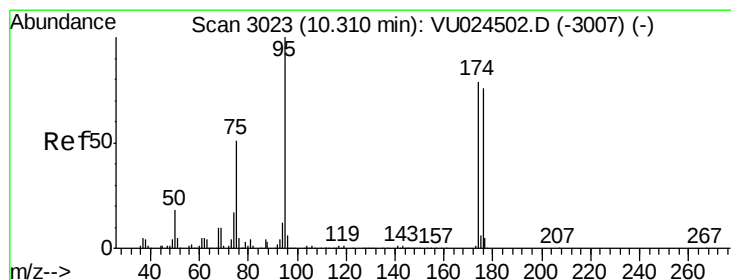
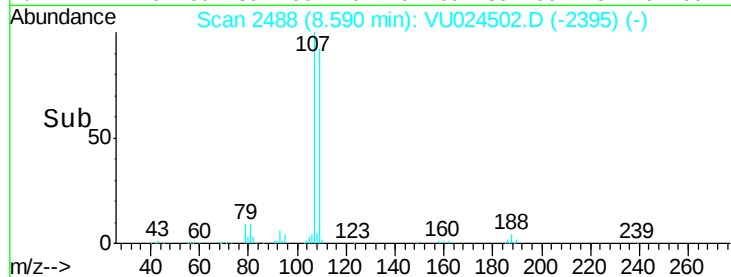
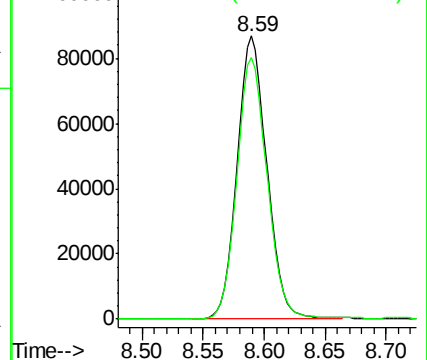
107 100

109 94.2 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: 42.92 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU024502.D

Acq: 13 Jun 2018 12:42

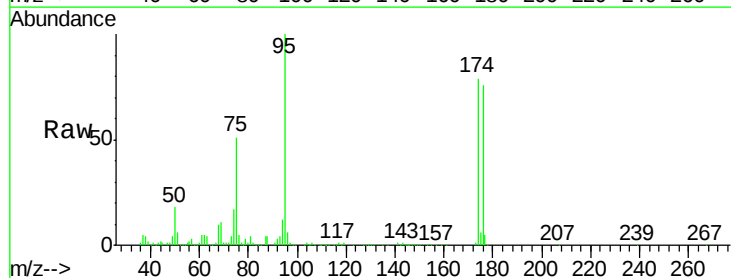
Tgt Ion: 95 Resp: 186247

Ion Ratio Lower Upper

95 100

174 80.9 0.0 165.8

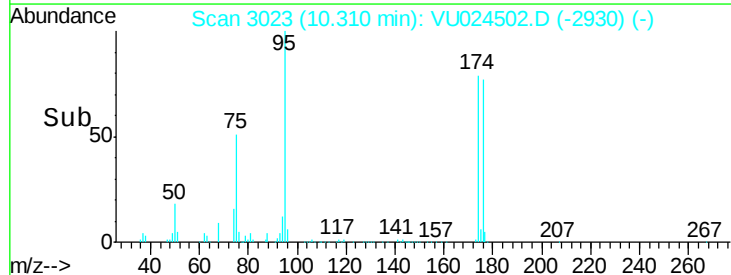
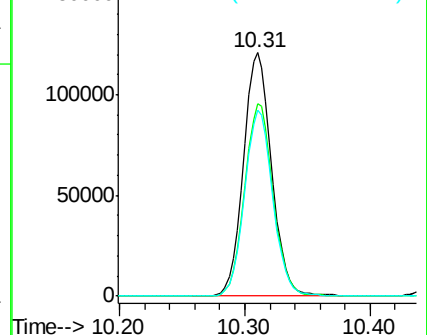
176 77.5 0.0 159.4



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

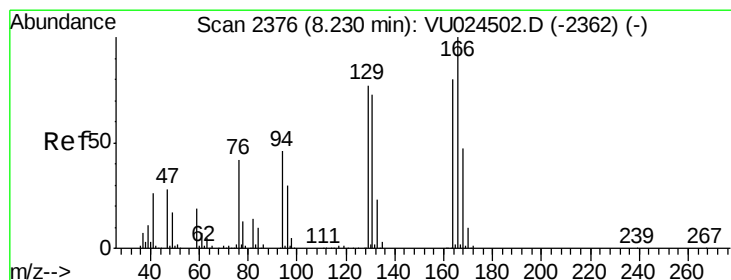
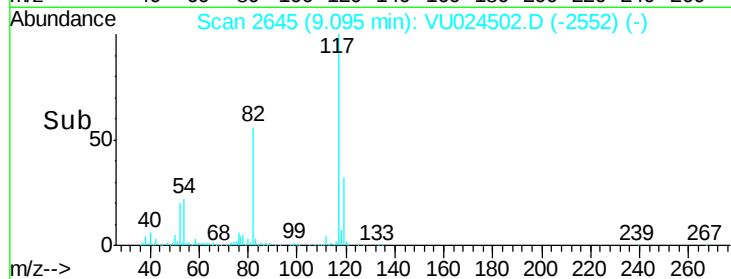
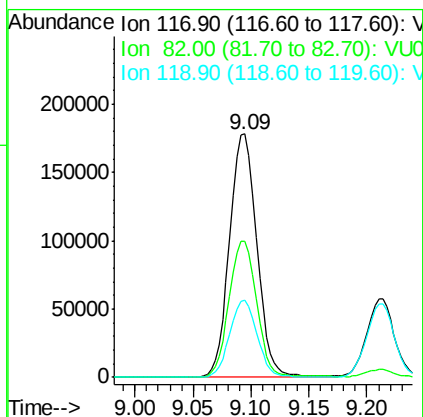
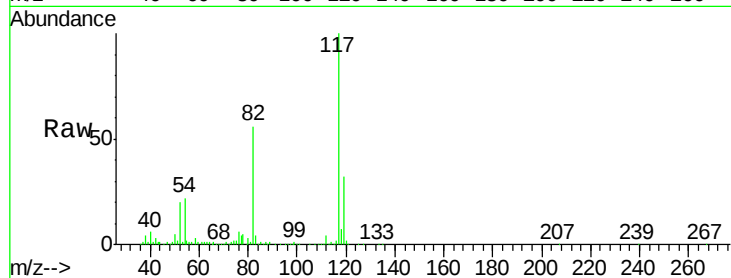




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VU024502.D
Acq: 13 Jun 2018 12:42

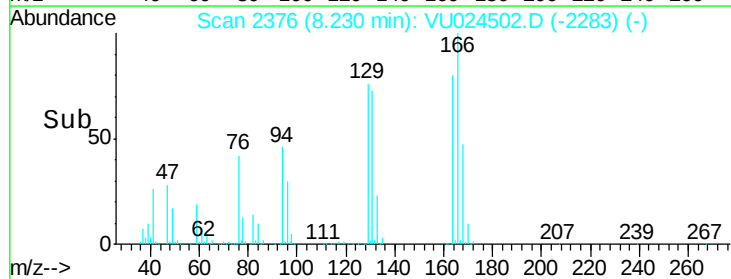
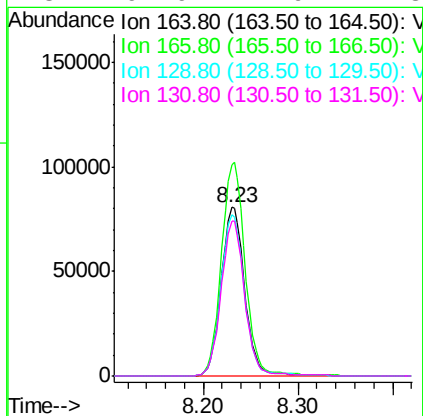
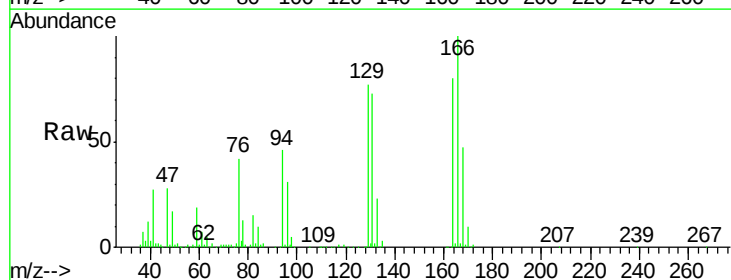
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

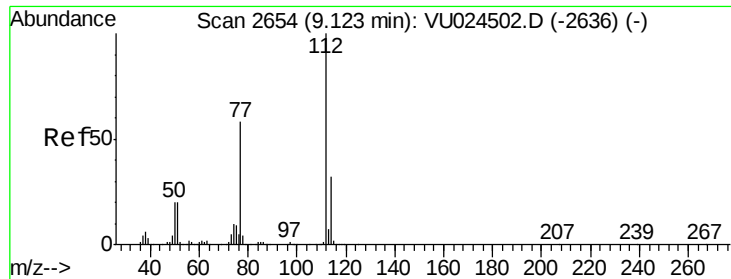
Tgt Ion	Ratio	Lower	Upper
117	100		
82	55.6	44.3	66.5
119	31.7	25.4	38.2



#64
Tetrachloroethene
Concen: 47.88 ug/l
RT: 8.23 min Scan# 2376
Delta R.T. 0.00 min
Lab File: VU024502.D
Acq: 13 Jun 2018 12:42

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.3	101.7	152.5
129	96.0	76.9	115.3
131	91.9	74.9	112.3

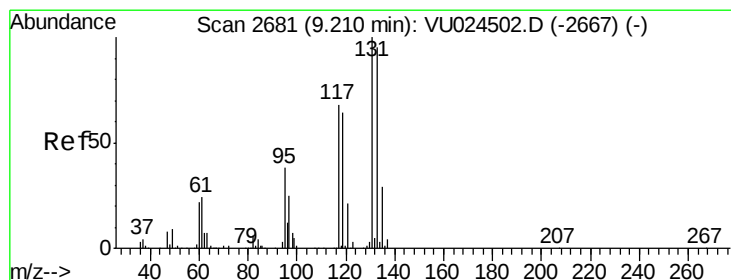
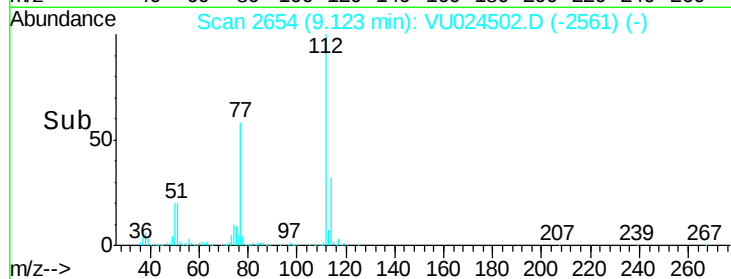
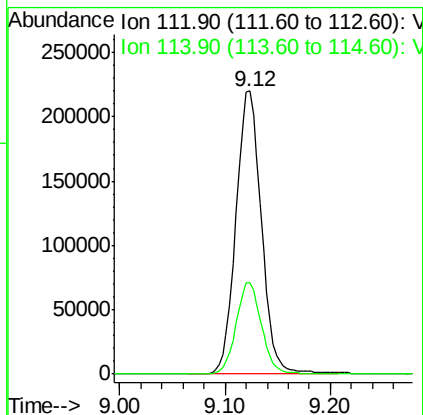
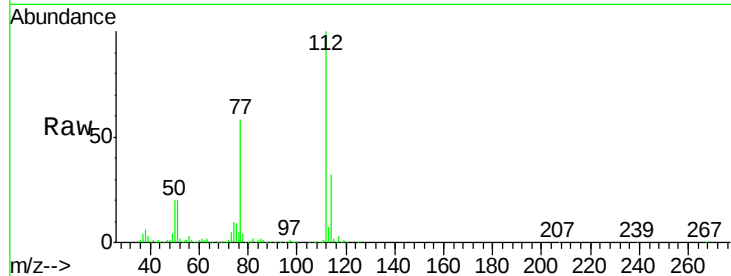




#65
Chlorobenzene
Concen: 43.24 ug/l
RT: 9.12 min Scan# 2654
Delta R.T. 0.00 min
Lab File: VU024502.D
Acq: 13 Jun 2018 12:42

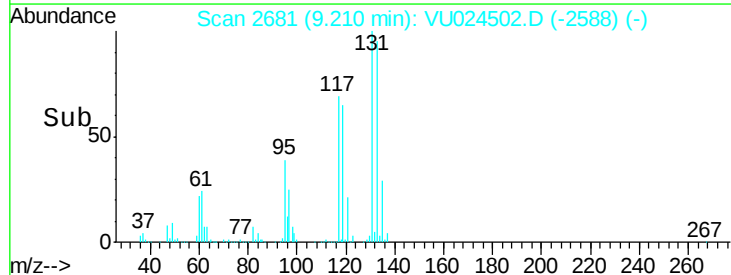
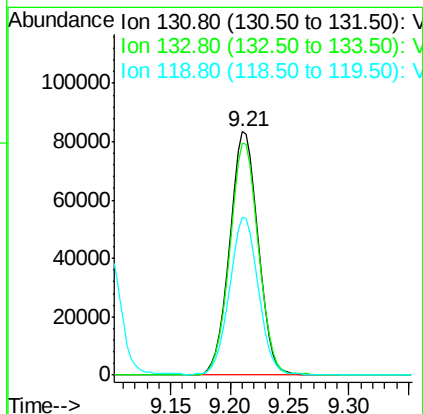
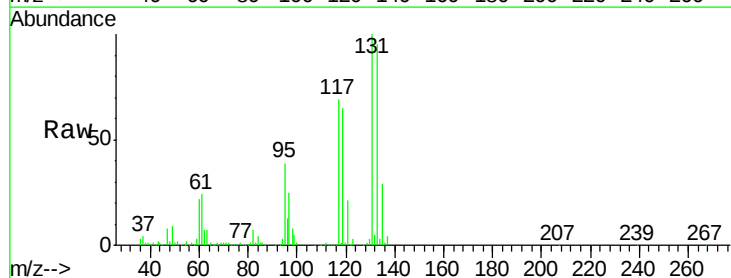
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

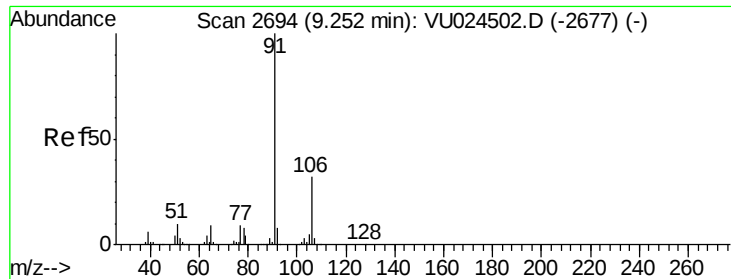
Tgt Ion:112 Resp: 368774
Ion Ratio Lower Upper
112 100
114 32.2 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 47.25 ug/l
RT: 9.21 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU024502.D
Acq: 13 Jun 2018 12:42

Tgt Ion:131 Resp: 138316
Ion Ratio Lower Upper
131 100
133 96.2 46.9 140.8
119 65.7 33.5 100.4

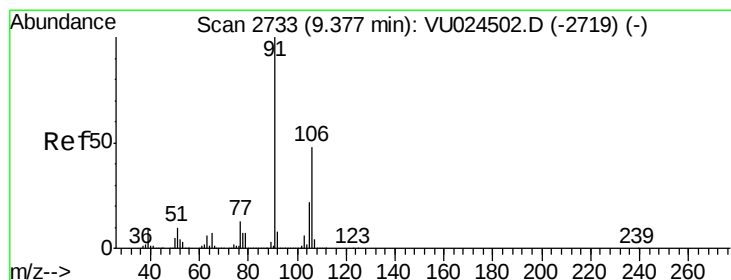
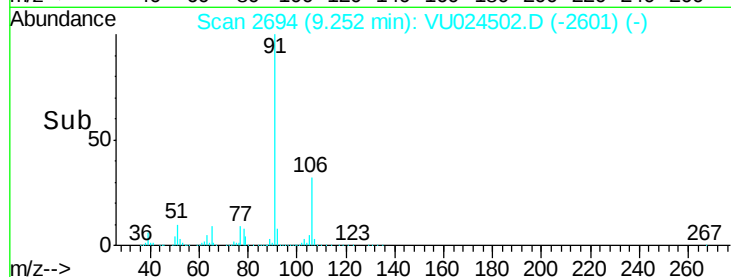
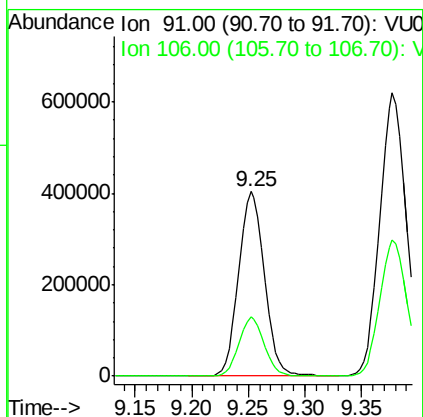
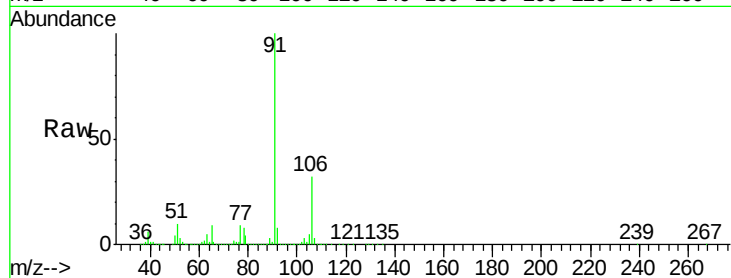




#67
Ethyl Benzene
Concen: 46.84 ug/l
RT: 9.25 min Scan# 2694
Delta R.T. 0.00 min
Lab File: VU024502.D
Acq: 13 Jun 2018 12:42

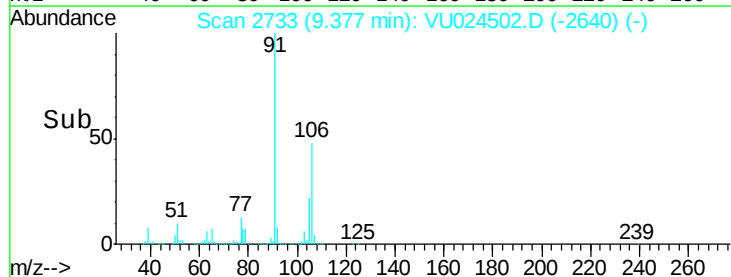
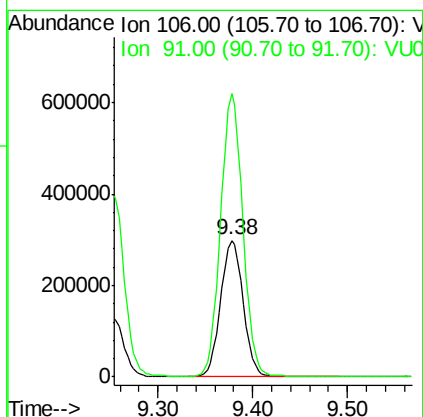
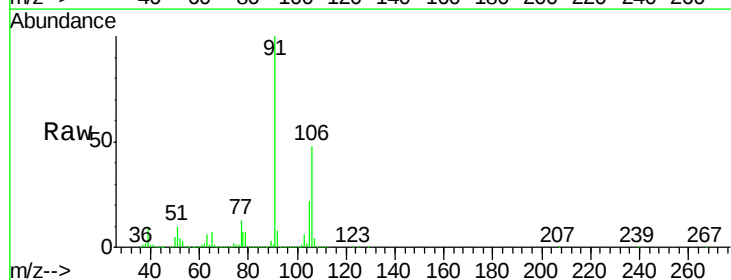
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

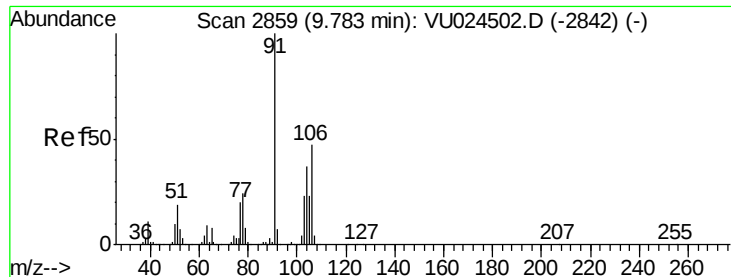
Tgt Ion: 91 Resp: 644129
Ion Ratio Lower Upper
91 100
106 31.9 24.2 36.4



#68
m/p-Xylenes
Concen: 94.46 ug/l
RT: 9.38 min Scan# 2733
Delta R.T. 0.00 min
Lab File: VU024502.D
Acq: 13 Jun 2018 12:42

Tgt Ion: 106 Resp: 494852
Ion Ratio Lower Upper
106 100
91 204.6 166.5 249.7

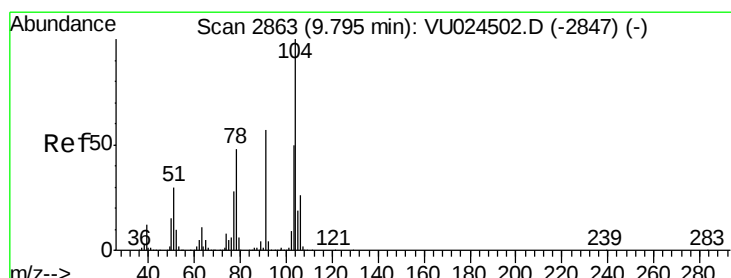
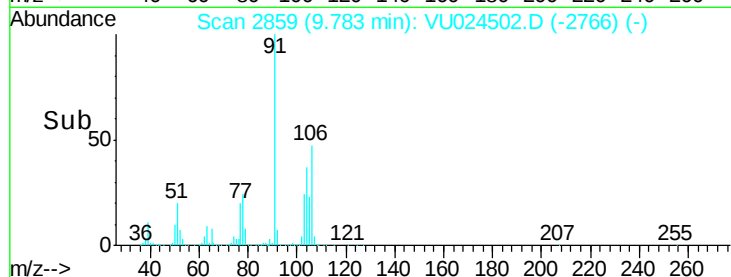
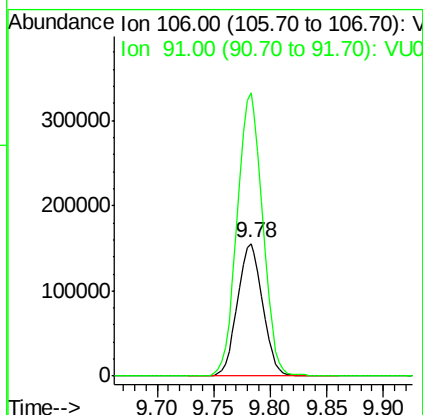
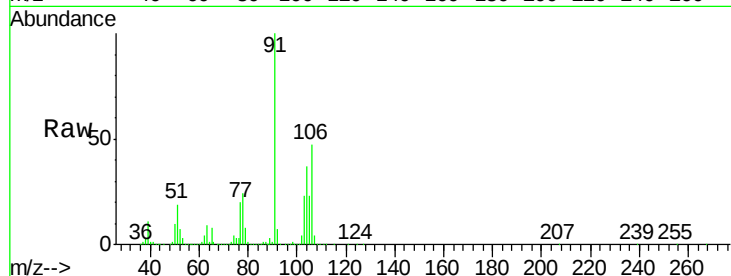




#69
o-Xylene
Concen: 50.14 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. 0.00 min
Lab File: VU024502.D
Acq: 13 Jun 2018 12:42

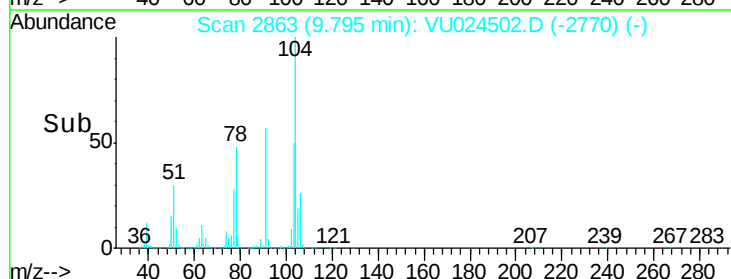
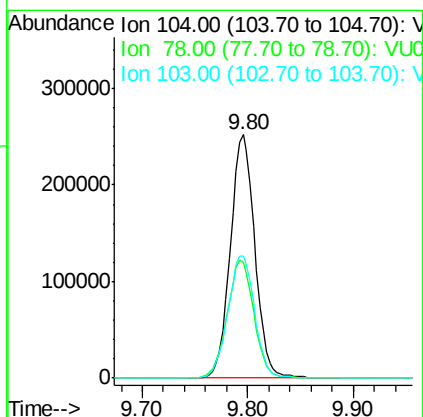
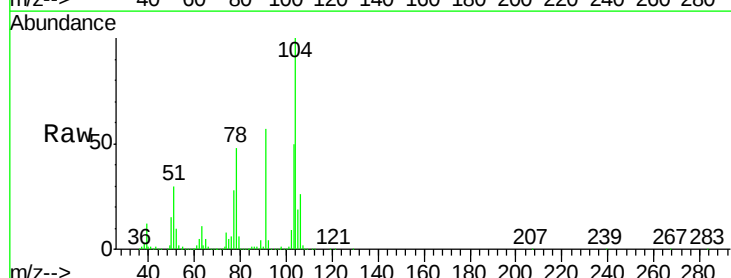
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

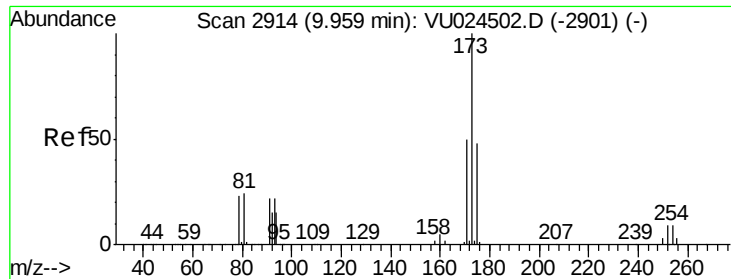
Tgt Ion:106 Resp: 242084
Ion Ratio Lower Upper
106 100
91 216.0 110.7 331.9



#70
Styrene
Concen: 49.26 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. 0.00 min
Lab File: VU024502.D
Acq: 13 Jun 2018 12:42

Tgt Ion:104 Resp: 404963
Ion Ratio Lower Upper
104 100
78 52.8 40.6 60.8
103 55.0 44.7 67.1





#71

Bromoform

Concen: 51.54 ug/l

RT: 9.96 min Scan# 2914

Delta R.T. 0.00 min

Lab File: VU024502.D

Acq: 13 Jun 2018 12:42

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC050

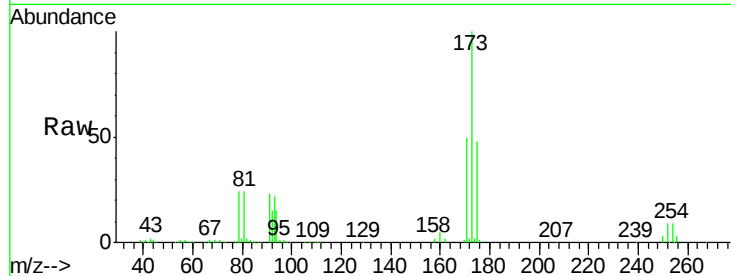
Tgt Ion:173 Resp: 130235

Ion Ratio Lower Upper

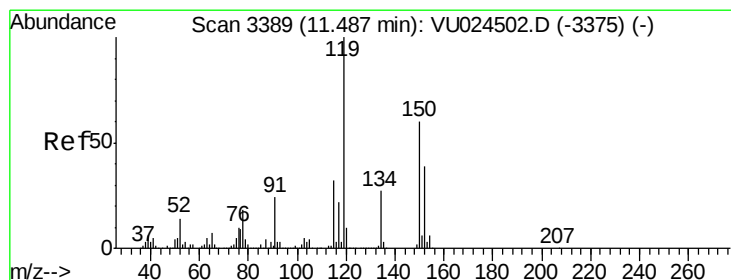
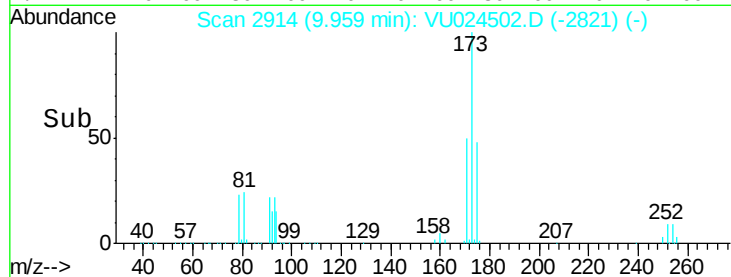
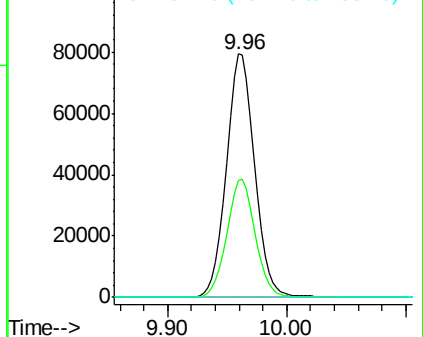
173 100

175 48.7 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: VU024502.D

Acq: 13 Jun 2018 12:42

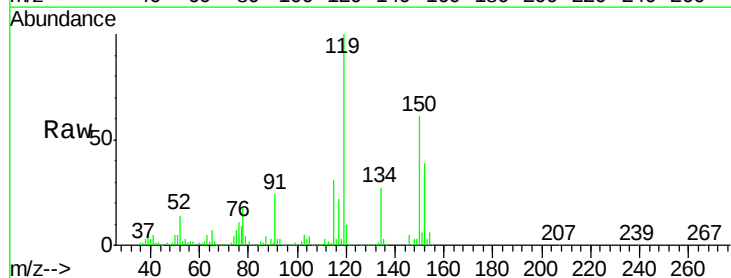
Tgt Ion:152 Resp: 173479

Ion Ratio Lower Upper

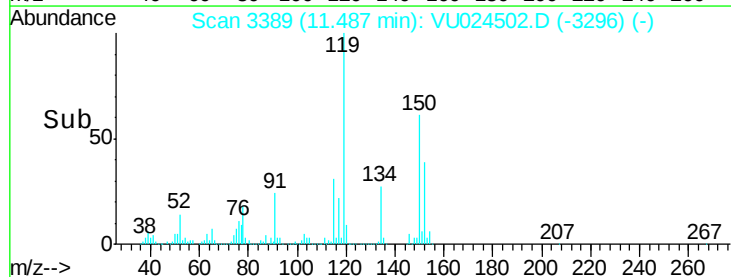
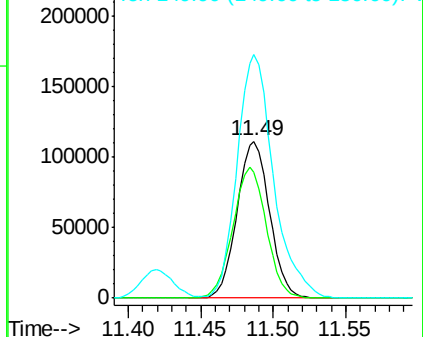
152 100

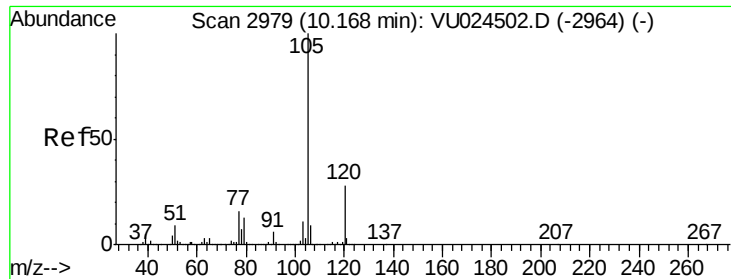
115 85.7 43.0 129.0

150 173.7 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: 54.50 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. 0.00 min

Lab File: VU024502.D

Acq: 13 Jun 2018 12:42

Instrument :

MSVOA_U

ClientSampleId :

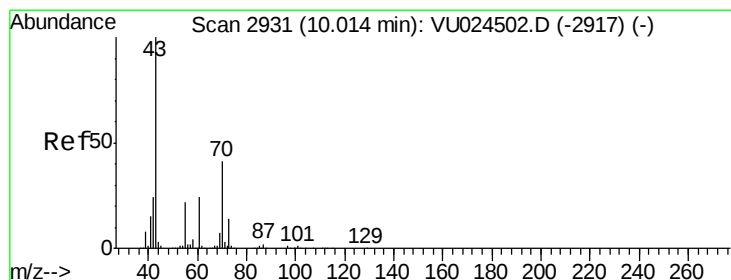
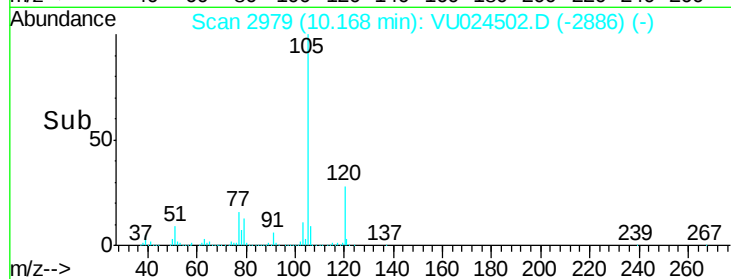
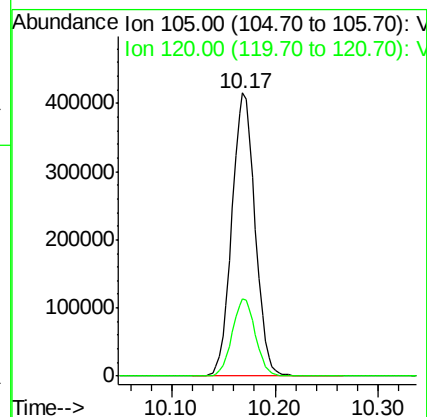
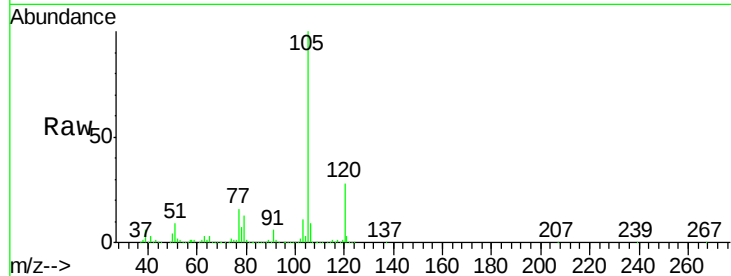
VSTDICCC050

Tgt Ion:105 Resp: 651781

Ion Ratio Lower Upper

105 100

120 27.3 13.2 39.6



#74

N-ethyl acetate

Concen: 57.33 ug/l

RT: 10.01 min Scan# 2931

Delta R.T. 0.00 min

Lab File: VU024502.D

Acq: 13 Jun 2018 12:42

Tgt Ion: 43 Resp: 310354

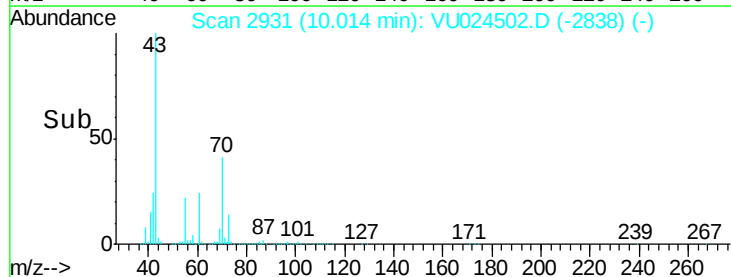
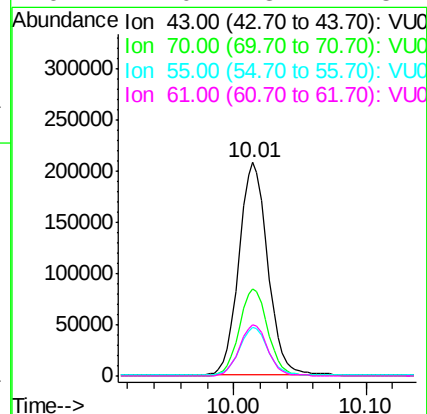
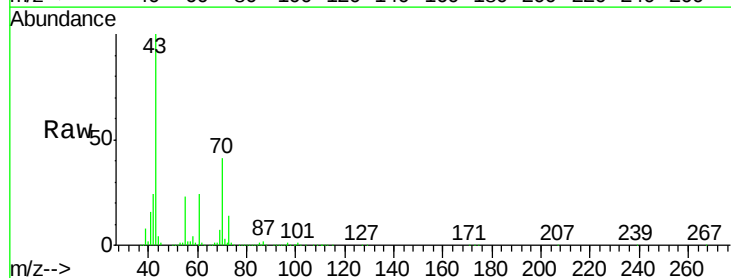
Ion Ratio Lower Upper

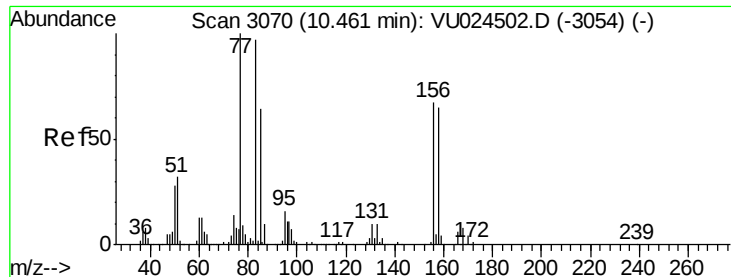
43 100

70 40.7 32.2 48.4

55 22.1 20.5 30.7

61 24.0 18.7 28.1





#75

1,1,2,2-Tetrachloroethane

Concen: 40.84 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. 0.00 min

Lab File: VU024502.D

Acq: 13 Jun 2018 12:42

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC050

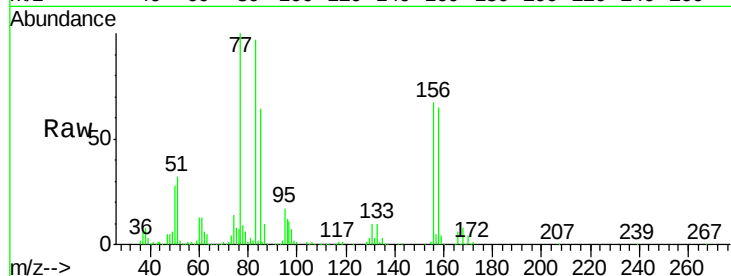
Tgt Ion: 83 Resp: 211831

Ion Ratio Lower Upper

83 100

131 10.4 4.7 14.1

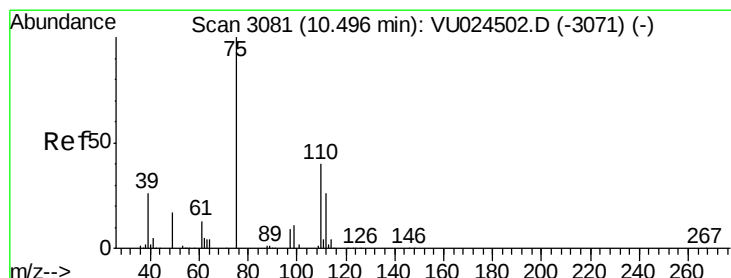
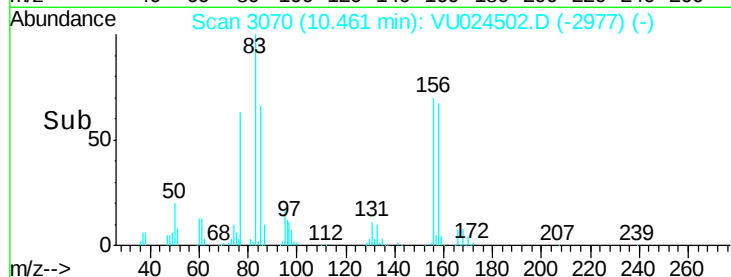
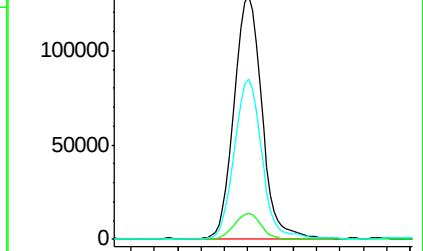
85 65.2 32.5 97.5



Abundance Ion 82.90 (82.60 to 83.60): VU024502.D (-2977) (-)

Ion 130.80 (130.50 to 131.50): VU024502.D (-2977) (-)

Ion 84.90 (84.60 to 85.60): VU024502.D (-2977) (-)



#76

1,2,3-Trichloropropane

Concen: 74.08 ug/l

RT: 10.50 min Scan# 3081

Delta R.T. 0.00 min

Lab File: VU024502.D

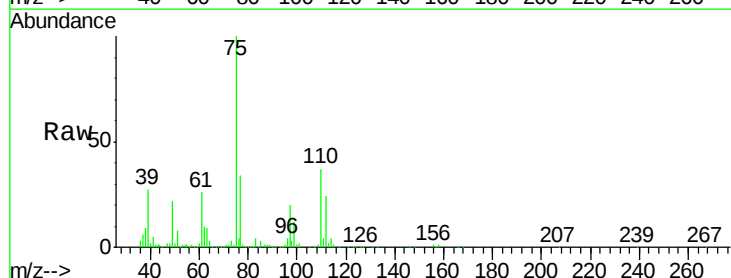
Acq: 13 Jun 2018 12:42

Tgt Ion: 75 Resp: 269546

Ion Ratio Lower Upper

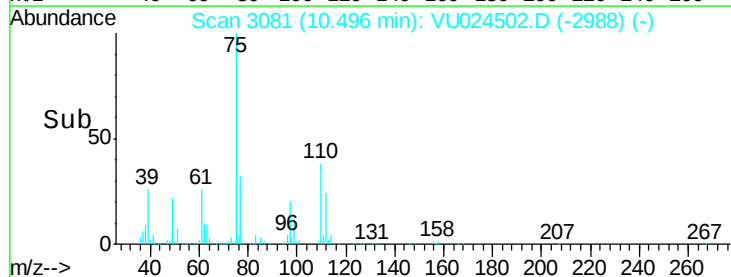
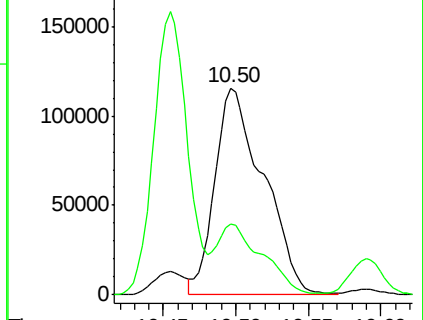
75 100

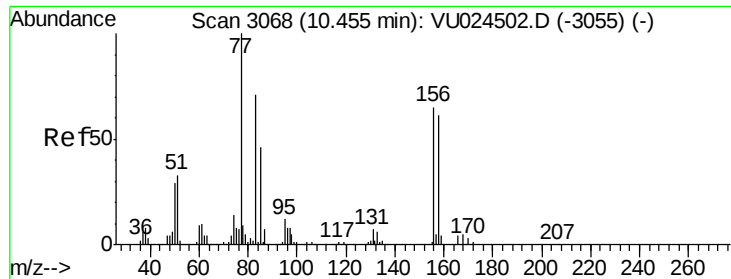
77 30.5 20.9 62.7



Abundance Ion 74.90 (74.60 to 75.60): VU024502.D (-2988) (-)

Ion 77.00 (76.70 to 77.70): VU024502.D (-2988) (-)





#77

Bromobenzene

Concen: 50.00 ug/l

RT: 10.45 min Scan# 3068

Delta R.T. 0.00 min

Lab File: VU024502.D

Acq: 13 Jun 2018 12:42

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC050

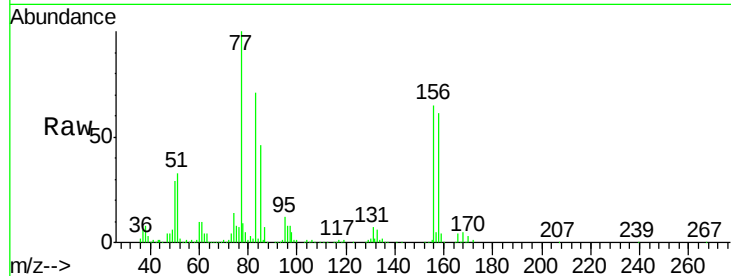
Tgt Ion:156 Resp: 165582

Ion Ratio Lower Upper

156 100

77 154.0 80.5 241.3

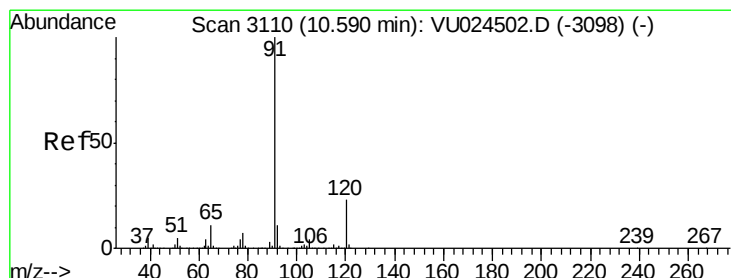
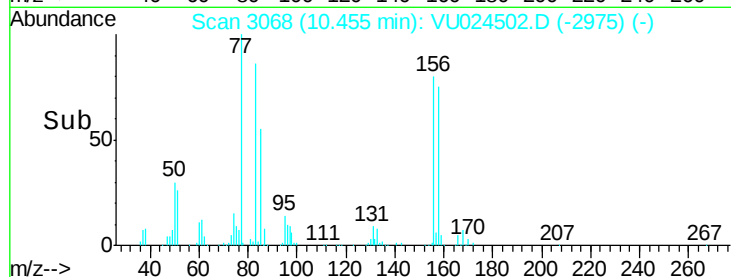
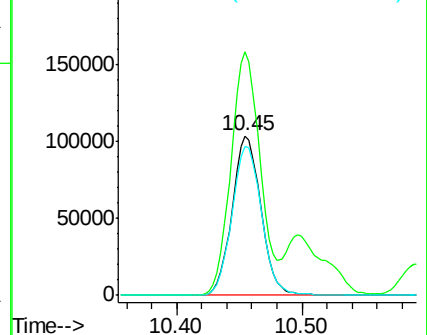
158 96.1 48.2 144.6



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: 52.13 ug/l

RT: 10.59 min Scan# 3110

Delta R.T. 0.00 min

Lab File: VU024502.D

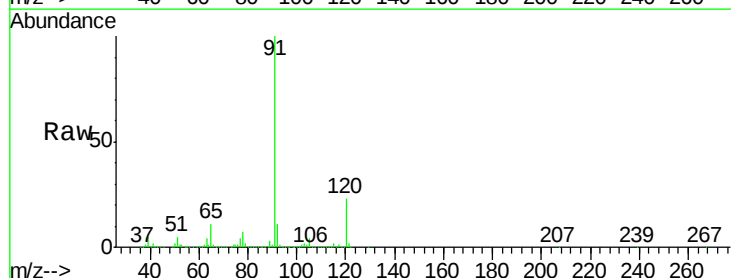
Acq: 13 Jun 2018 12:42

Tgt Ion: 91 Resp: 772923

Ion Ratio Lower Upper

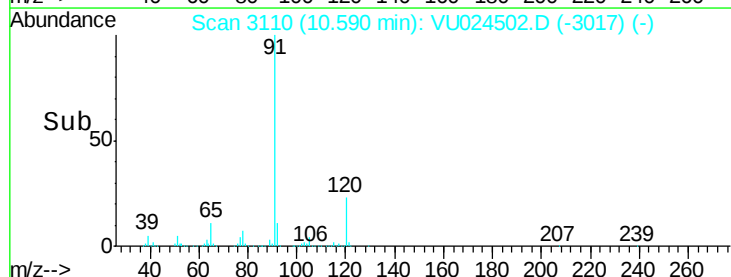
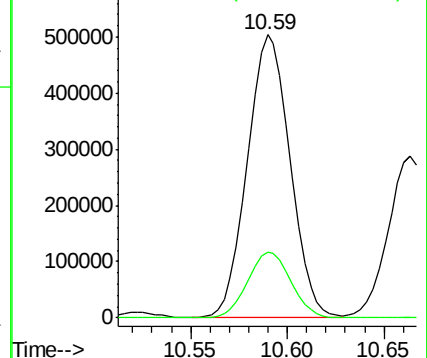
91 100

120 23.5 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.89 ug/l

RT: 10.66 min Scan# 3133

Delta R.T. 0.00 min

Lab File: VU024502.D

Acq: 13 Jun 2018 12:42

Instrument :

MSVOA_U

ClientSampleId :

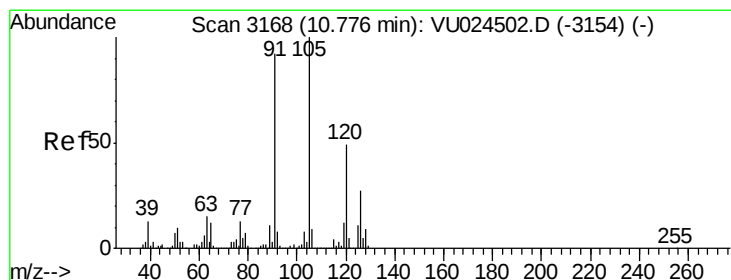
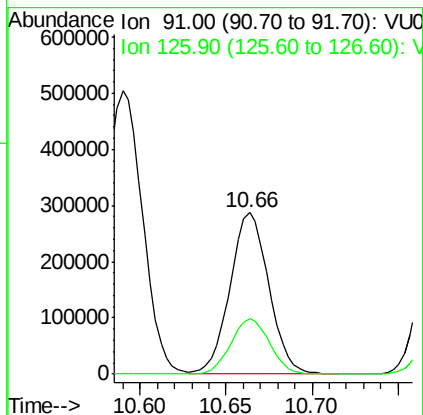
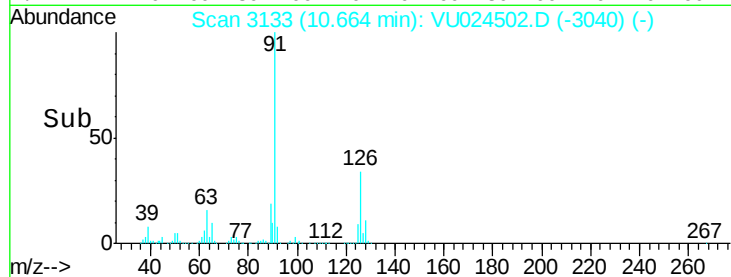
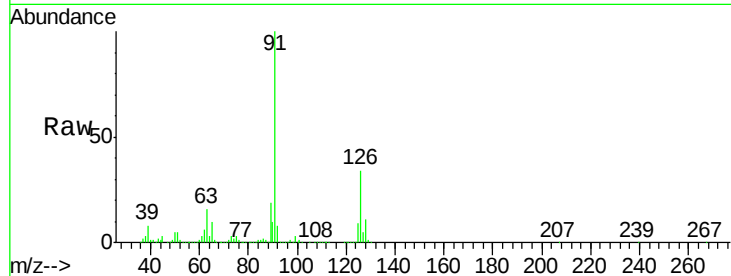
VSTDICCC050

Tgt Ion: 91 Resp: 448992

Ion Ratio Lower Upper

91 100

126 34.7 16.9 50.7



#80

1,3,5-Trimethylbenzene

Concen: 54.85 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU024502.D

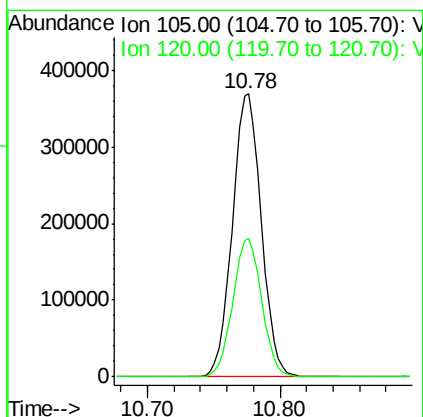
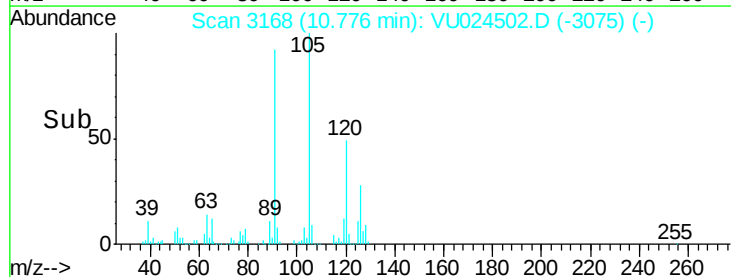
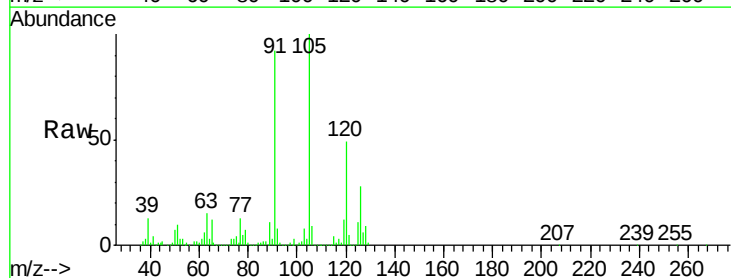
Acq: 13 Jun 2018 12:42

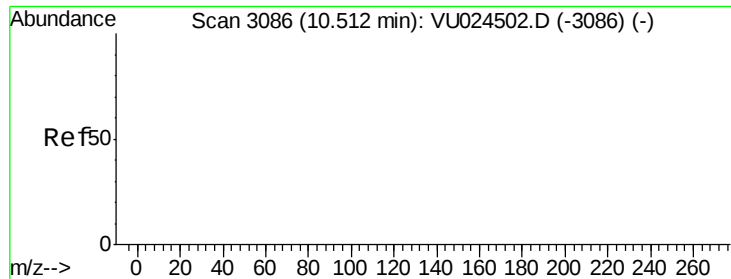
Tgt Ion: 105 Resp: 556275

Ion Ratio Lower Upper

105 100

120 49.2 24.1 72.2

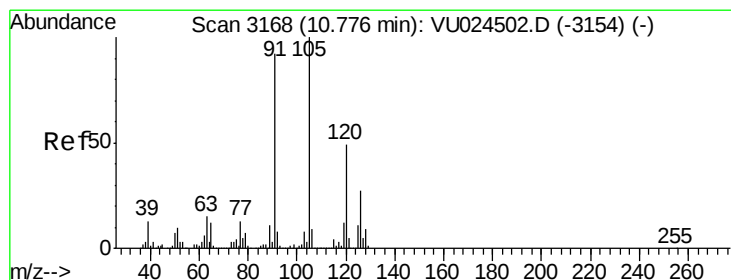
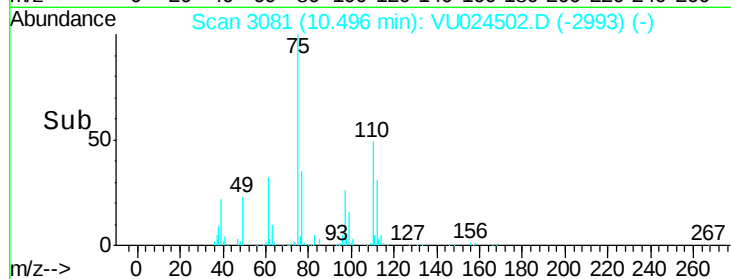
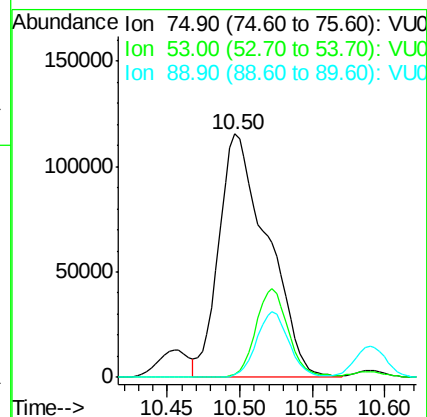
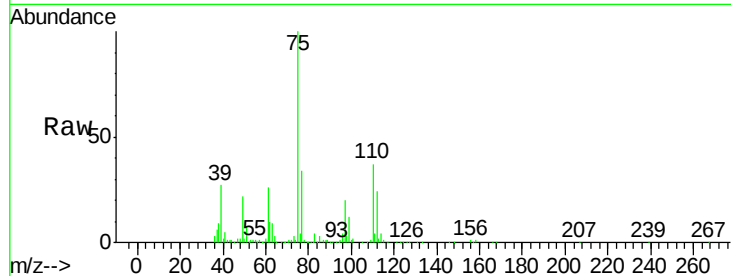




#81
trans-1,4-Dichloro-2-butene
Concen: 157.15 ug/l
RT: 10.50 min Scan# 3081
Delta R.T. -0.02 min
Lab File: VU024502.D
Acq: 13 Jun 2018 12:42

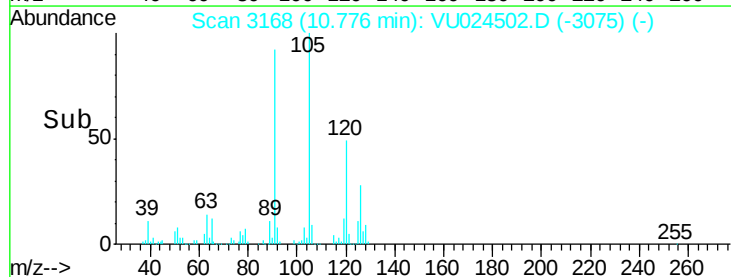
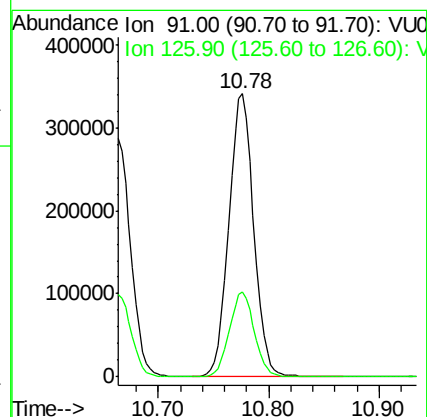
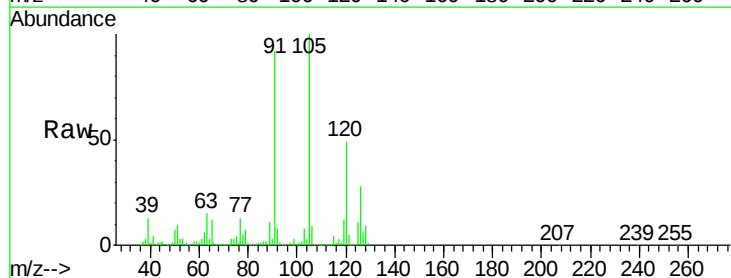
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

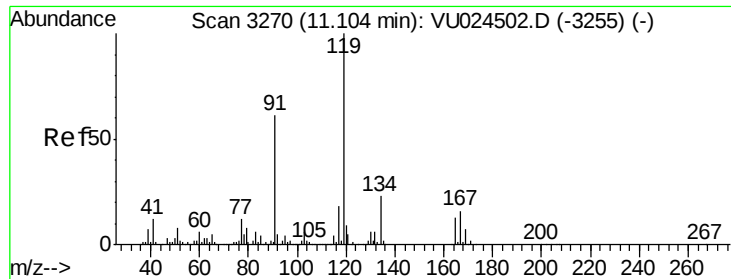
Tgt Ion: 75 Resp: 269546
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0



#82
4-Chlorotoluene
Concen: 50.71 ug/l
RT: 10.78 min Scan# 3168
Delta R.T. 0.00 min
Lab File: VU024502.D
Acq: 13 Jun 2018 12:42

Tgt Ion: 91 Resp: 529463
Ion Ratio Lower Upper
91 100
126 30.3 14.9 44.9

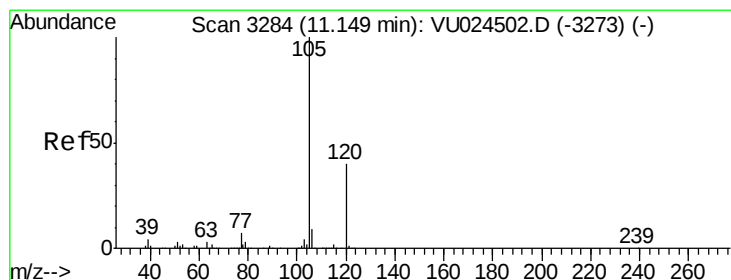
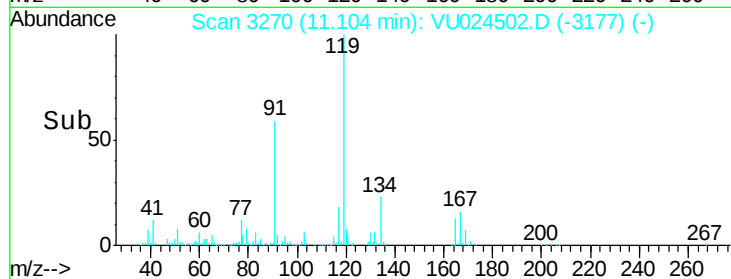
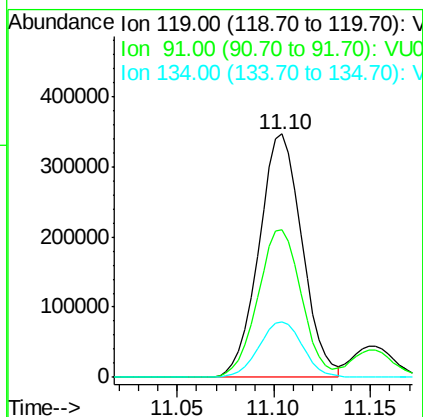
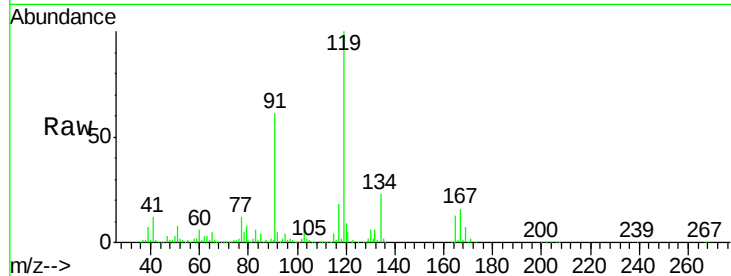




#83
 tert-Butylbenzene
 Concen: 54.53 ug/l
 RT: 11.10 min Scan# 3270
 Delta R.T. 0.00 min
 Lab File: VU024502.D
 Acq: 13 Jun 2018 12:42

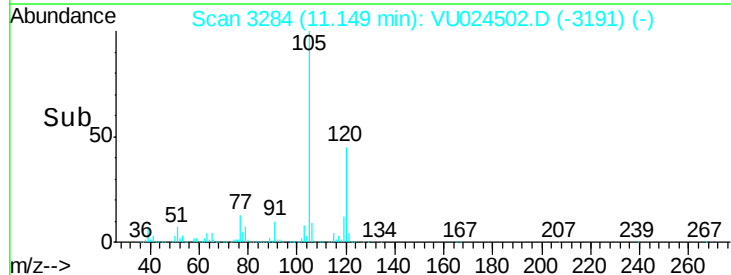
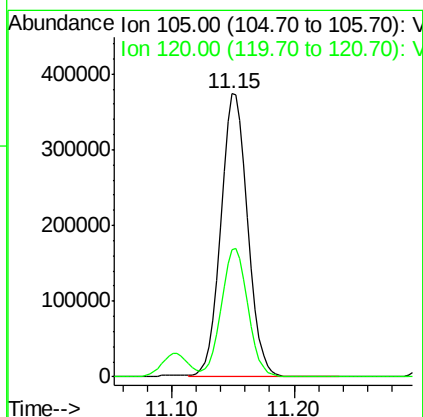
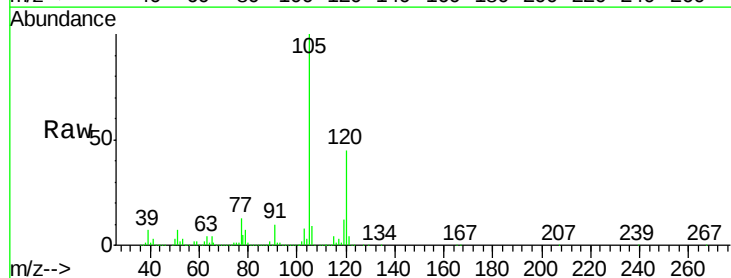
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

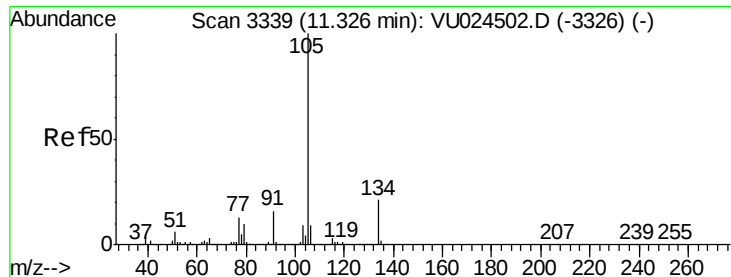
Tgt Ion	Ratio	Lower	Upper
119	100		
91	61.0	29.7	89.1
134	23.1	11.6	34.7



#84
 1,2,4-Trimethylbenzene
 Concen: 56.35 ug/l
 RT: 11.15 min Scan# 3284
 Delta R.T. 0.00 min
 Lab File: VU024502.D
 Acq: 13 Jun 2018 12:42

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.1	22.6	67.8

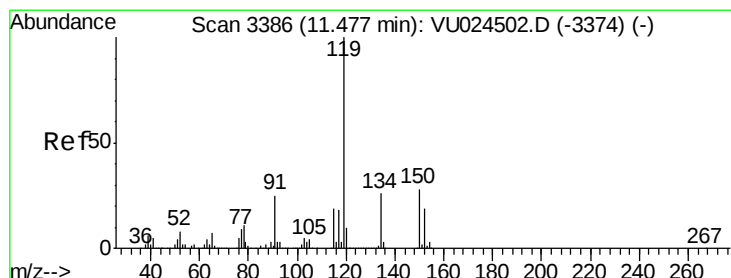
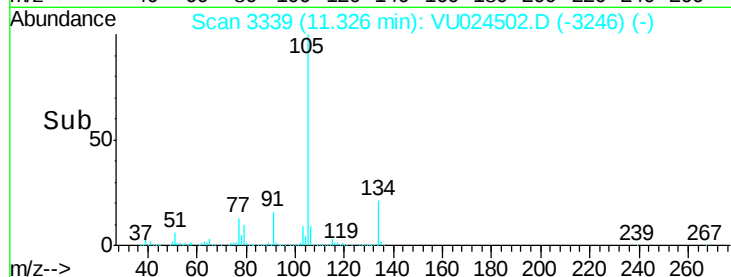
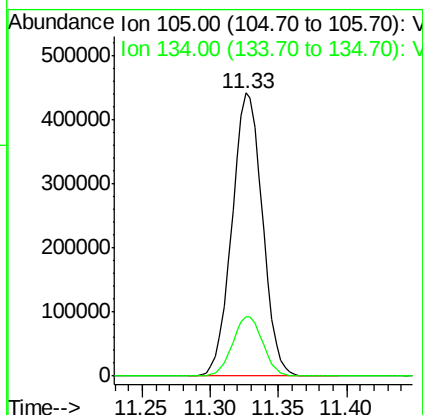
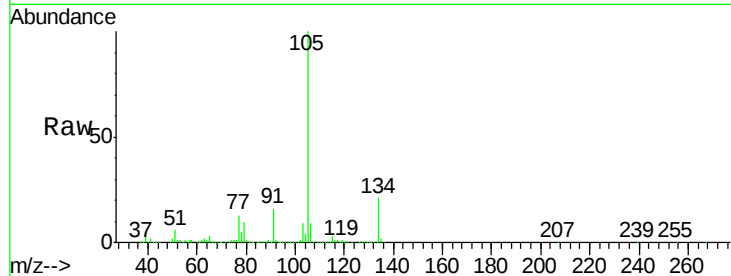




#85
 sec-Butylbenzene
 Concen: 55.00 ug/l
 RT: 11.33 min Scan# 3339
 Delta R.T. 0.00 min
 Lab File: VU024502.D
 Acq: 13 Jun 2018 12:42

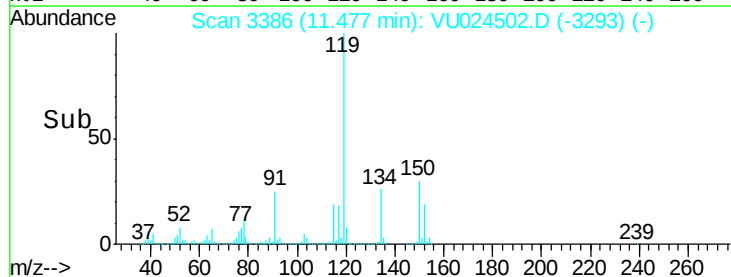
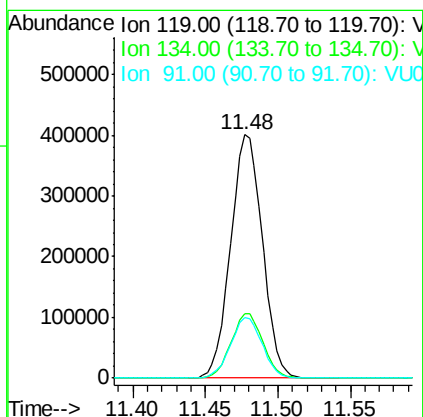
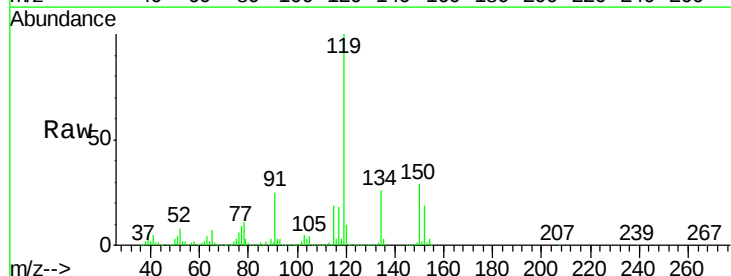
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

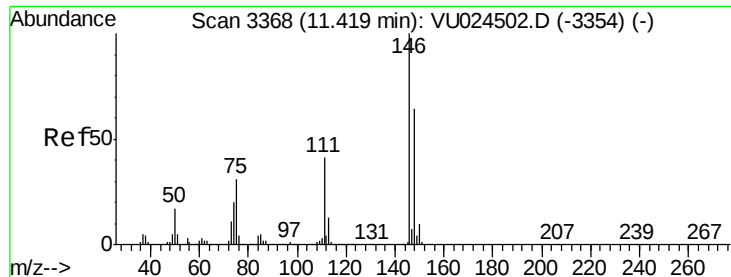
Tgt Ion:105 Resp: 681754
 Ion Ratio Lower Upper
 105 100
 134 20.9 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 55.39 ug/l
 RT: 11.48 min Scan# 3386
 Delta R.T. 0.00 min
 Lab File: VU024502.D
 Acq: 13 Jun 2018 12:42

Tgt Ion:119 Resp: 606761
 Ion Ratio Lower Upper
 119 100
 134 26.6 12.9 38.6
 91 24.8 12.0 36.1

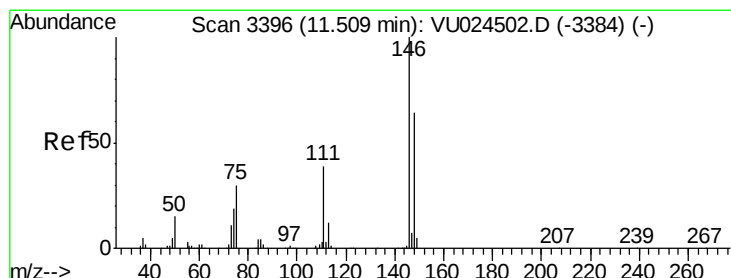
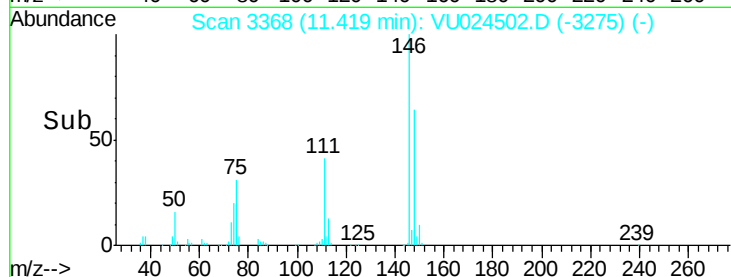
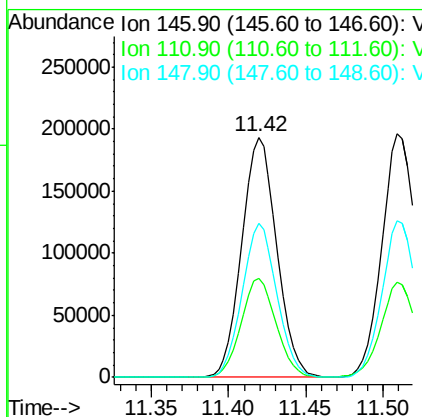
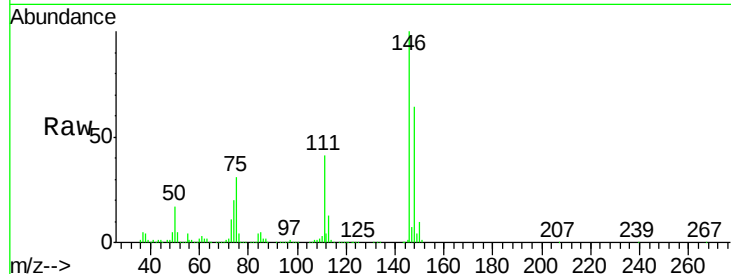




#87
 1,3-Dichlorobenzene
 Concen: 47.88 ug/l
 RT: 11.42 min Scan# 3368
 Delta R.T. 0.00 min
 Lab File: VU024502.D
 Acq: 13 Jun 2018 12:42

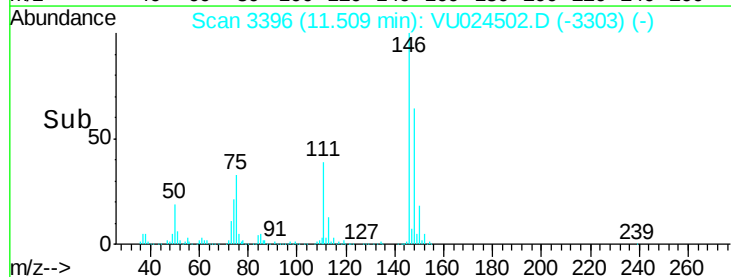
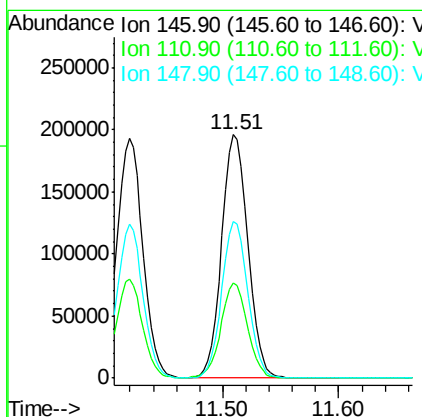
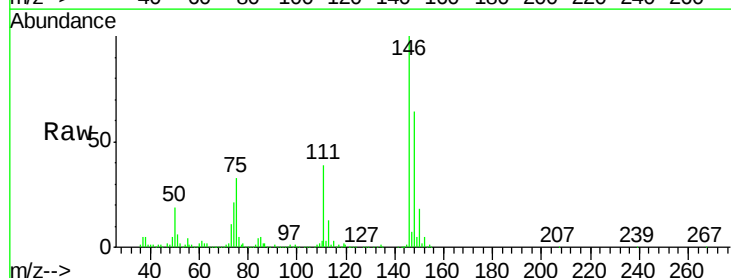
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

Tgt Ion:146 Resp: 304794
 Ion Ratio Lower Upper
 146 100
 111 40.9 20.0 60.0
 148 63.4 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 46.05 ug/l
 RT: 11.51 min Scan# 3396
 Delta R.T. 0.00 min
 Lab File: VU024502.D
 Acq: 13 Jun 2018 12:42

Tgt Ion:146 Resp: 306820
 Ion Ratio Lower Upper
 146 100
 111 39.3 19.5 58.5
 148 64.1 32.4 97.0





#89

n-Butylbenzene

Concen: 51.82 ug/l

RT: 11.89 min Scan# 3515

Delta R.T. 0.00 min

Lab File: VU024502.D

Acq: 13 Jun 2018 12:42

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC050

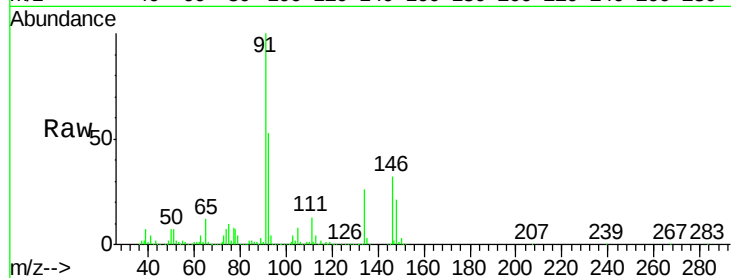
Tgt Ion: 91 Resp: 558562

Ion Ratio Lower Upper

91 100

92 52.8 25.6 76.8

134 26.6 12.3 36.8

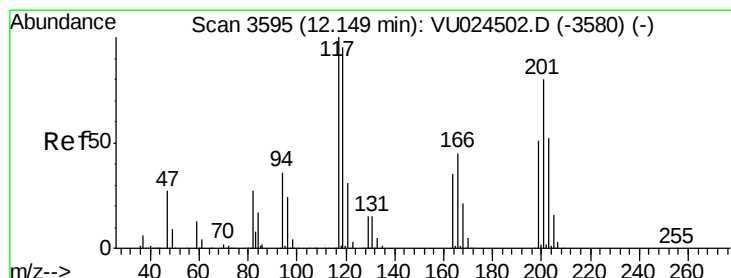
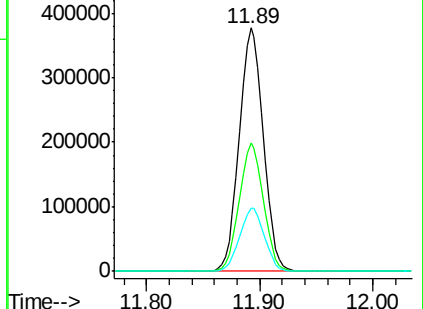
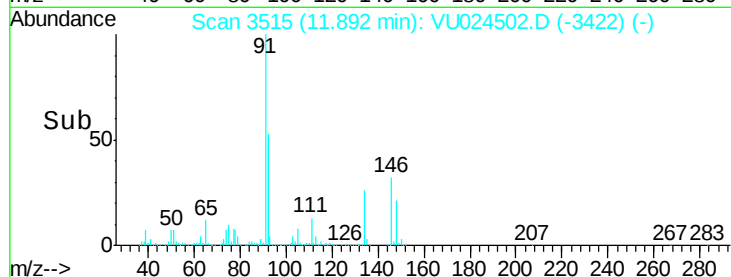


Abundance Ion 91.00 (90.70 to 91.70): VU024502.D (-3498) (-)

Ion 92.00 (91.70 to 92.70): VU024502.D (-3498) (-)

Ion 134.00 (133.70 to 134.70): VU024502.D (-3498) (-)

Time-->



#90

Hexachloroethane

Concen: 58.77 ug/l

RT: 12.15 min Scan# 3595

Delta R.T. 0.00 min

Lab File: VU024502.D

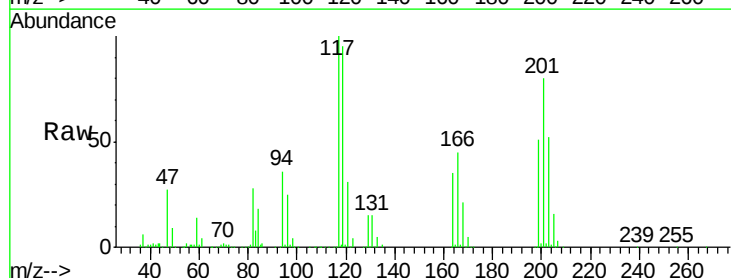
Acq: 13 Jun 2018 12:42

Tgt Ion: 117 Resp: 115428

Ion Ratio Lower Upper

117 100

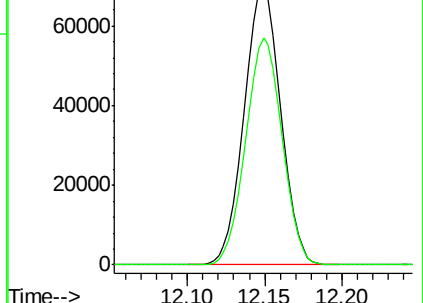
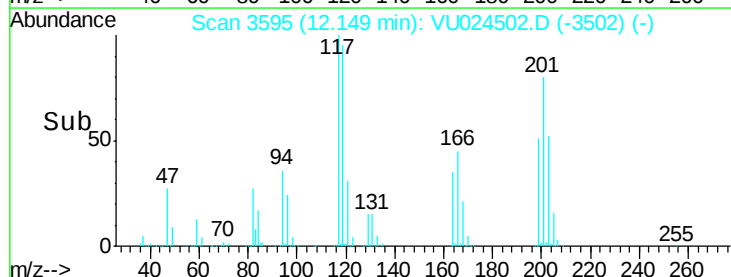
201 81.2 41.1 123.3

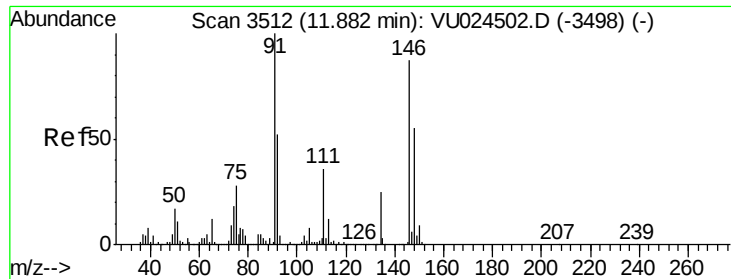


Abundance Ion 116.80 (116.50 to 117.50): VU024502.D (-3580) (-)

Ion 200.70 (200.40 to 201.40): VU024502.D (-3580) (-)

Time-->

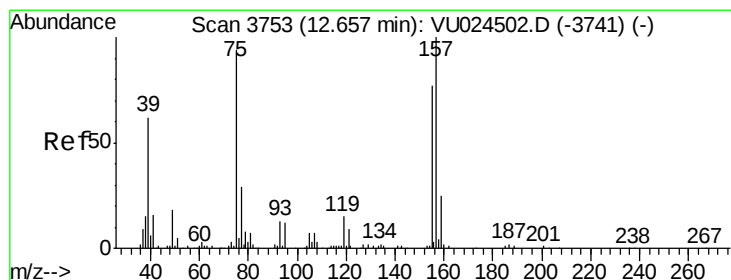
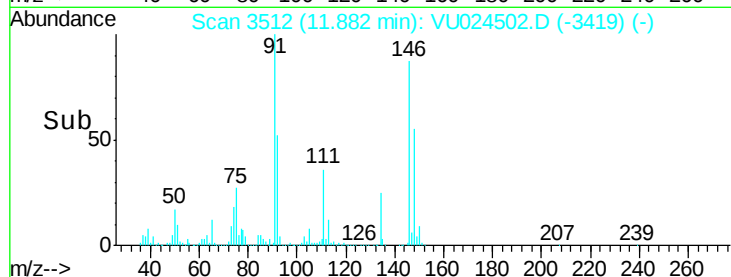
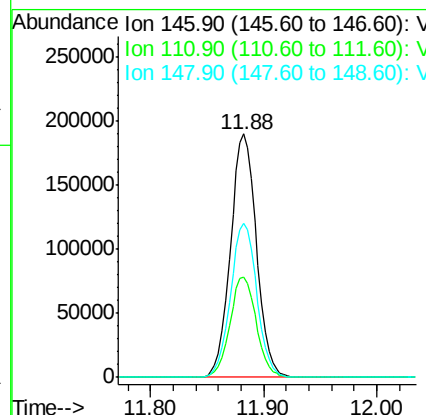
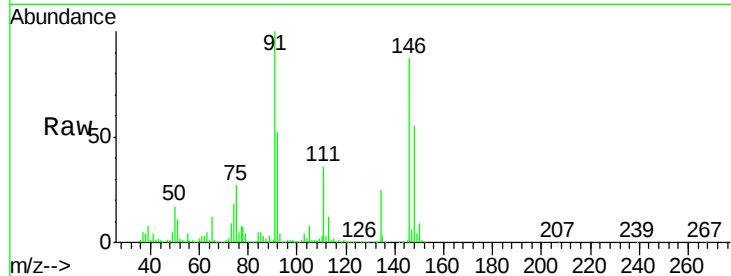




#91
 1,2-Dichlorobenzene
 Concen: 47.50 ug/l
 RT: 11.88 min Scan# 3512
 Delta R.T. 0.00 min
 Lab File: VU024502.D
 Acq: 13 Jun 2018 12:42

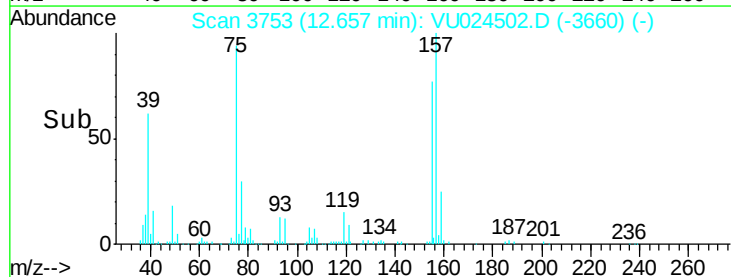
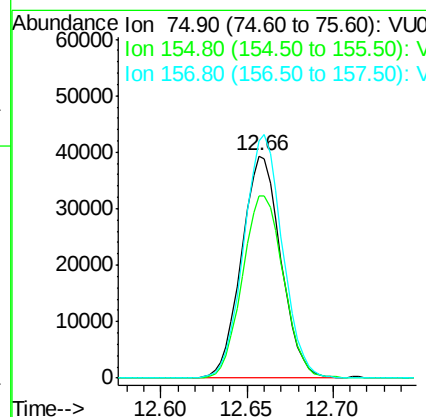
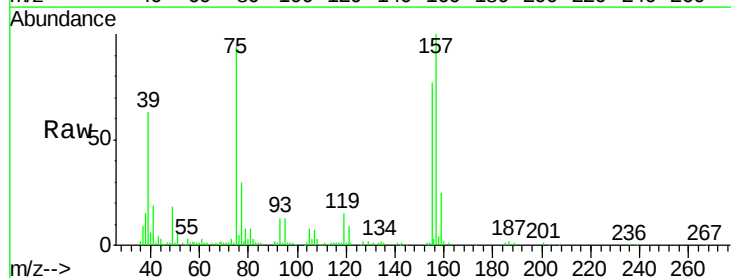
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 146 Resp: 302359
 Ion Ratio Lower Upper
 146 100
 111 41.6 20.5 61.6
 148 64.0 31.9 95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 59.05 ug/l
 RT: 12.66 min Scan# 3753
 Delta R.T. 0.00 min
 Lab File: VU024502.D
 Acq: 13 Jun 2018 12:42

Tgt Ion: 75 Resp: 62519
 Ion Ratio Lower Upper
 75 100
 155 85.3 40.4 121.2
 157 107.4 52.3 156.8

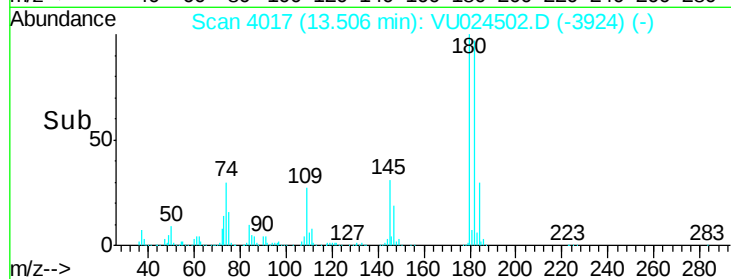
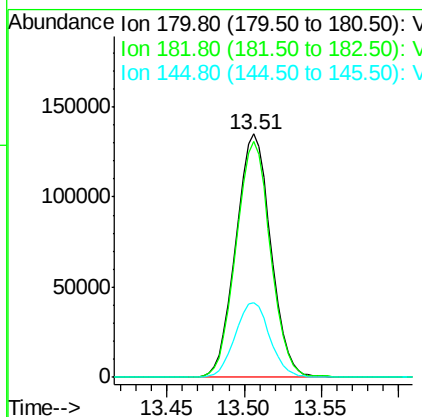
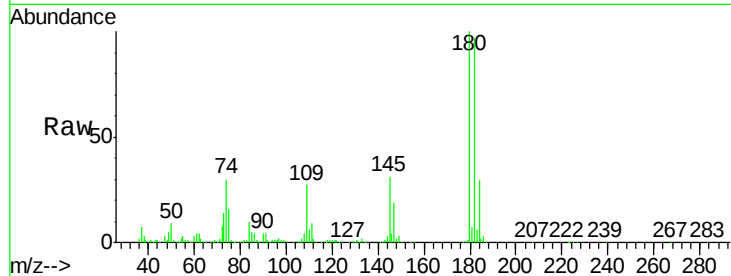




#93
 1,2,4-Trichlorobenzene
 Concen: 56.29 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. 0.00 min
 Lab File: VU024502.D
 Acq: 13 Jun 2018 12:42

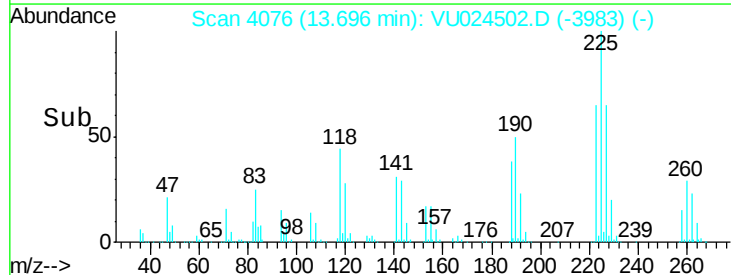
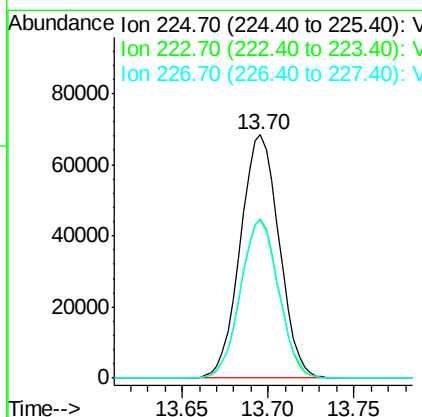
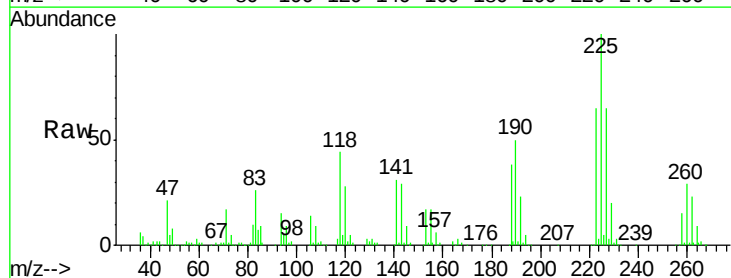
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

Tgt Ion:180 Resp: 211618
 Ion Ratio Lower Upper
 180 100
 182 95.6 48.0 144.2
 145 30.7 14.7 44.1



#94
 Hexachlorobutadiene
 Concen: 48.10 ug/l
 RT: 13.70 min Scan# 4076
 Delta R.T. 0.00 min
 Lab File: VU024502.D
 Acq: 13 Jun 2018 12:42

Tgt Ion:225 Resp: 107429
 Ion Ratio Lower Upper
 225 100
 223 63.9 31.3 93.8
 227 63.8 31.8 95.4

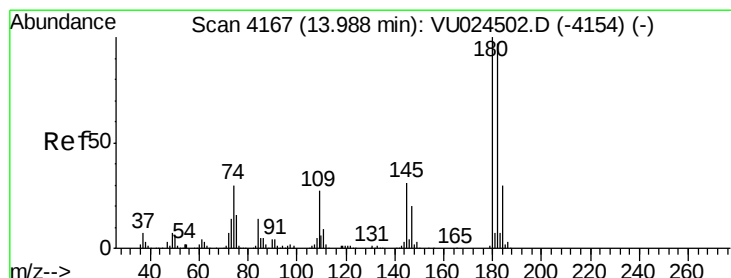
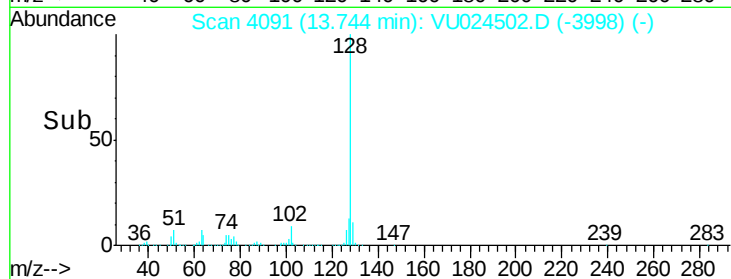
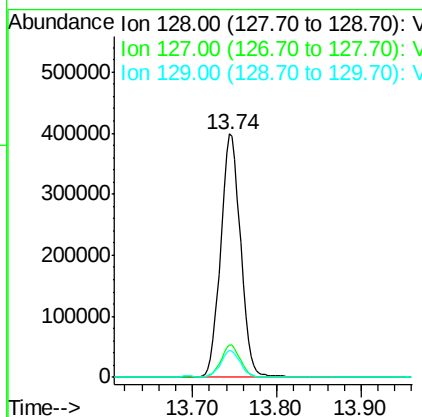
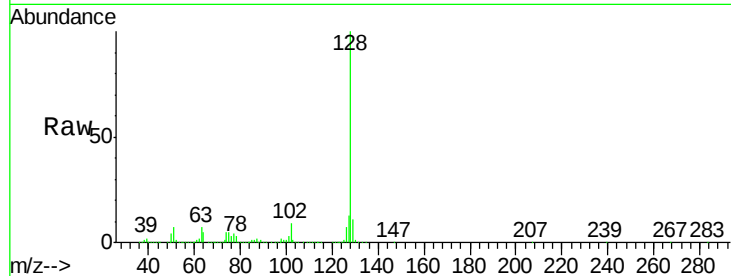




#95
Naphthalene
Concen: 63.65 ug/l
RT: 13.74 min Scan# 4091
Delta R.T. 0.00 min
Lab File: VU024502.D
Acq: 13 Jun 2018 12:42

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

Tgt Ion:128 Resp: 654365
Ion Ratio Lower Upper
128 100
127 13.1 10.6 16.0
129 10.7 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 56.09 ug/l
RT: 13.99 min Scan# 4167
Delta R.T. 0.00 min
Lab File: VU024502.D
Acq: 13 Jun 2018 12:42

Tgt Ion:180 Resp: 213108
Ion Ratio Lower Upper
180 100
182 96.2 47.9 143.7
145 31.4 15.4 46.1

